

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/04/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	40.46	47.72	41.88	41.28	41.30	49.73	73.54	53.75	31.84	24.70	24.14	21.79	20.51	22.23	24.29	32.39	41.53	47.42	29.15	34.76	45.98	44.95	39.98	40.80
24138	1.44	1.60	1.39	1.53	1.72	1.99	2.97	2.42	1.62	1.16	1.19	1.07	1.03	1.03	1.12	1.53	1.91	2.45	1.90	2.05	2.25	2.23	2.08	2.00
	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	0.00
74TH STREET_GT_1	40.59	47.88	42.02	41.42	41.44	49.88	73.74	53.91	31.94	24.77	24.20	21.84	20.54	22.26	24.33	32.48	41.64	47.55	29.17	34.78	46.07	45.02	40.05	40.86
24260	1.56	1.77	1.53	1.66	1.86	2.14	3.18	2.57	1.72	1.23	1.26	1.12	1.06	1.06	1.16	1.61	2.02	2.59	1.92	2.07	2.33	2.30	2.15	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	40.59	47.88	42.02	41.42	41.44	49.88	73.74	53.91	31.94	24.77	24.20	21.84	20.54	22.26	24.33	32.48	41.64	47.55	29.17	34.78	46.07	45.02	40.05	40.86
24261	1.56	1.77	1.53	1.66	1.86	2.14	3.18	2.57	1.72	1.23	1.26	1.12	1.06	1.06	1.16	1.61	2.02	2.59	1.92	2.07	2.33	2.30	2.15	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	40.79	48.16	42.27	41.58	41.45	49.97	73.81	53.73	31.47	24.47	23.76	21.26	20.00	21.77	23.92	32.24	41.86	47.79	29.18	34.90	46.35	45.17	39.98	40.76
24011	1.77	2.04	1.78	1.83	1.87	2.23	3.24	2.40	1.25	0.93	0.81	0.54	0.52	0.57	0.75	1.38	2.24	2.83	1.93	2.19	2.61	2.45	2.07	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	41.05	48.52	42.58	41.87	41.73	50.27	74.19	53.98	31.58	24.61	23.89	21.32	20.05	21.83	24.03	32.47	42.21	48.17	29.45	35.24	46.77	45.53	40.29	41.07
23798	2.03	2.40	2.09	2.11	2.16	2.53	3.62	2.65	1.36	1.07	0.94	0.60	0.57	0.63	0.85	1.61	2.59	3.20	2.20	2.52	3.04	2.81	2.39	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	40.79	48.16	42.27	41.58	41.59	49.97	73.81	53.73	31.47	24.47	23.76	21.26												

ALBANY___2 23572	39.07 0.05 0.00	46.13 0.01 0.00	40.52 0.03 0.00	39.86 0.11 0.00	39.75 0.18 0.00	47.93 0.18 0.00	70.81 0.24 0.00	51.52 0.18 0.00	30.34 0.12 0.00	23.62 0.08 0.00	23.08 0.13 0.00	20.76 0.04 0.00	19.53 0.05 0.00	21.27 0.07 0.00	23.26 0.09 0.00	30.94 0.08 0.00	39.85 0.23 0.00	45.41 0.45 0.00	27.72 0.47 0.00	33.10 0.39 0.00	44.04 0.30 0.00	43.05 0.33 0.00	38.22 0.32 0.00	39.04 0.24 0.00
ALBANY___3 23573	39.07 0.05 0.00	46.13 0.01 0.00	40.52 0.03 0.00	39.86 0.11 0.00	39.75 0.18 0.00	47.93 0.18 0.00	70.81 0.24 0.00	51.52 0.18 0.00	30.34 0.12 0.00	23.62 0.08 0.00	23.08 0.13 0.00	20.76 0.04 0.00	19.53 0.05 0.00	21.27 0.07 0.00	23.26 0.09 0.00	30.94 0.08 0.00	39.85 0.23 0.00	45.41 0.45 0.00	27.72 0.47 0.00	33.10 0.39 0.00	44.04 0.30 0.00	43.05 0.33 0.00	38.22 0.32 0.00	39.04 0.24 0.00
ALBANY___4 23574	39.07 0.05 0.00	46.13 0.01 0.00	40.52 0.03 0.00	39.86 0.11 0.00	39.75 0.18 0.00	47.93 0.18 0.00	70.81 0.24 0.00	51.52 0.18 0.00	30.34 0.12 0.00	23.62 0.08 0.00	23.08 0.13 0.00	20.76 0.04 0.00	19.53 0.05 0.00	21.27 0.07 0.00	23.26 0.09 0.00	30.94 0.08 0.00	39.85 0.23 0.00	45.41 0.45 0.00	27.72 0.47 0.00	33.10 0.39 0.00	44.04 0.30 0.00	43.05 0.33 0.00	38.22 0.32 0.00	39.04 0.24 0.00
ALBANY___LFGE 323615	39.46 0.44 0.00	46.58 0.47 0.00	40.91 0.43 0.00	40.25 0.51 0.00	40.14 0.56 0.00	48.40 0.65 0.00	71.54 0.97 0.00	52.03 0.69 0.00	30.63 0.41 0.00	23.83 0.28 0.00	23.28 0.33 0.00	20.93 0.22 0.00	19.70 0.21 0.00	21.45 0.25 0.00	23.47 0.30 0.00	31.26 0.39 0.00	40.28 0.66 0.00	45.90 0.93 0.00	28.01 0.76 0.00	33.45 0.74 0.00	44.50 0.77 0.00	43.51 0.79 0.00	38.60 0.69 0.00	39.43 0.63 0.00
ALCOA_PA_115KV_PL-6C 55860	39.83 0.80 0.00	47.15 1.03 0.00	41.67 1.19 0.00	40.91 1.16 0.00	40.64 1.06 0.00	48.93 1.19 0.00	71.97 1.40 0.00	52.37 1.03 0.00	30.75 0.53 0.00	24.14 0.60 0.00	23.56 0.61 0.00	21.28 0.57 0.00	20.00 0.51 0.00	21.79 0.60 0.00	23.86 0.68 0.00	31.77 0.90 0.00	40.51 0.89 0.00	45.63 0.66 0.00	27.36 0.11 0.00	32.99 0.28 0.00	44.43 0.69 0.00	43.45 0.73 0.00	38.51 0.60 0.00	39.57 0.77 0.00
ALCOA_RYNLDS___DRP 24188	39.83 0.80 0.00	47.15 1.03 0.00	41.67 1.19 0.00	40.91 1.16 0.00	40.64 1.06 0.00	48.93 1.19 0.00	71.97 1.40 0.00	52.37 1.03 0.00	30.75 0.53 0.00	24.14 0.60 0.00	23.56 0.61 0.00	21.28 0.57 0.00	20.00 0.51 0.00	21.79 0.60 0.00	23.86 0.68 0.00	31.77 0.90 0.00	40.51 0.89 0.00	45.63 0.66 0.00	27.36 0.11 0.00	32.99 0.28 0.00	44.43 0.69 0.00	43.45 0.73 0.00	38.51 0.60 0.00	39.57 0.77 0.00
ALCOA___DSASP 323711	39.83 0.80 0.00	47.15 1.03 0.00	41.67 1.19 0.00	40.91 1.16 0.00	40.64 1.06 0.00	48.93 1.19 0.00	71.97 1.40 0.00	52.37 1.03 0.00	30.75 0.53 0.00	24.14 0.60 0.00	23.56 0.61 0.00	21.28 0.57 0.00	20.00 0.51 0.00	21.79 0.60 0.00	23.86 0.69 0.00	31.77 0.90 0.00	40.51 0.89 0.00	45.63 0.66 0.00	27.36 0.11 0.00	32.99 0.28 0.00	44.43 0.69 0.00	43.45 0.73 0.00	38.51 0.61 0.00	39.57 0.77 0.00
ALLEGHENY___COGEN 23514	39.49 0.47 0.00	46.74 0.63 0.00	40.78 0.29 0.00	39.80 0.05 0.00	39.23 -0.34 0.00	51.38 -0.68 -4.31	76.00 -1.44 -6.87	50.59 -0.74 0.00	30.57 -0.17 -0.51	22.99 -0.60 -0.05	22.04 -0.93 -0.02	19.67 -1.07 -0.02	18.47 -1.03 -0.02	20.12 -1.12 -0.04	21.87 -1.31 0.00	29.02 -1.84 0.00	37.60 -2.01 0.00	44.08 -0.88 0.00	27.39 -0.07 -0.21	32.48 -0.24 0.00	43.26 -0.69 -0.21	42.09 -0.74 -0.12	37.87 -0.72 -0.69	38.73 -0.75 -0.68
ALTAMONT_115KV_TB 2 55880	39.60 0.58 0.00	46.77 0.66 0.00	41.08 0.59 0.00	40.41 0.66 0.00	40.28 0.70 0.00	48.57 0.83 0.00	71.76 1.20 0.00	52.24 0.90 0.00	30.75 0.53 0.00	23.90 0.36 0.00	23.30 0.35 0.00	20.96 0.25 0.00	19.72 0.24 0.00	21.45 0.25 0.00	23.48 0.31 0.00	31.32 0.45 0.00	40.33 0.72 0.00	45.97 1.01 0.00	28.03 0.78 0.00	33.53 0.81 0.00	44.62 0.88 0.00	43.59 0.87 0.00	38.70 0.80 0.00	39.55 0.75 0.00
ALTONA_WT_PWR 323606	41.35 2.33 0.00	48.76 2.64 0.00	43.08 2.59 0.00	42.33 2.58 0.00	42.01 2.44 0.00	50.14 2.40 0.00	73.57 3.01 0.00	53.69 2.36 0.00	31.53 1.30 0.00	24.77 1.23 0.00	24.03 1.08 0.00	21.60 0.88 0.00	20.30 0.82 0.00	22.28 1.08 0.00	24.39 1.22 0.00	32.60 1.73 0.00	41.56 1.94 0.00	47.19 2.22 0.00	28.36 1.11 0.00	34.11 1.39 0.00	45.70 1.96 0.00	44.67 1.95 0.00	39.58 1.67 0.00	40.88 2.08 0.00
AMERICAN_REF_FUEL 24010	35.02 -4.00 0.00	41.59 -4.53 0.00	36.34 -4.14 0.00	35.65 -4.09 0.00	35.57 -4.01 0.00	23.82 -3.71 20.22	32.33 -6.01 32.23	45.29 -6.04 0.00	24.39 -3.43 2.41	20.80 -2.52 0.22	20.45 -2.39 0.10	18.65 -1.97 0.10	17.58 -1.81 0.10	19.18 -1.85 0.17	21.06 -2.11 0.00	27.77 -3.10 0.00	34.92 -4.69 0.00	39.58 -5.38 0.00	23.07 -3.20 0.98	28.68 -4.03 0.00	37.05 -5.69 1.00	36.72 -5.45 0.55	30.03 -4.64 3.23	31.58 -4.03 3.19
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.02 -2.00 0.00	43.94 -2.18 0.00	38.28 -2.21 0.00	37.61 -2.14 0.00	37.62 -1.96 0.00	20.36 -1.70 25.68	26.84 -2.80 40.93	48.33 -3.00 0.00	25.50 -1.67 3.05	22.05 -1.22 0.28	21.67 -1.15 0.13	19.68 -0.91 0.13	18.49 -0.87 0.12	20.13 -0.86 0.21	22.17 -1.01 0.00	29.28 -1.59 0.00	37.04 -2.58 0.00	42.17 -2.79 0.00	24.45 -1.55 1.25	30.71 -2.01 0.00	39.33 -3.15 1.26	38.97 -3.05 0.70	31.31 -2.50 4.10	32.68 -2.07 4.05
ARTHUR KILL_GT_1 23520	40.39 1.37 0.00	47.72 1.60 0.00	42.24 1.75 0.00	41.55 1.80 0.00	41.62 2.04 0.00	50.06 2.32 0.00	74.05 3.48 0.00	54.18 2.85 0.00	31.97 1.75 0.00	24.75 1.21 0.00	24.17 1.23 0.00	21.79 1.07 0.00	20.47 0.99 0.00	22.18 0.98 0.00	24.22 1.05 0.00	32.24 1.37 0.00	41.28 1.66 0.00	47.17 2.21 0.00	29.01 1.76 0.00	34.53 1.81 0.00	45.80 2.07 0.00	53.14 2.07 -8.35	56.51 1.91 -16.70	40.66 1.86 0.00
ARTHUR_KILL_2 23512	40.28 1.26 0.00	47.58 1.46 0.00	42.13 1.64 0.00	41.45 1.70 0.00	41.51 1.93 0.00	49.92 2.18 0.00	73.84 3.27 0.00	54.02 2.69 0.00	31.88 1.66 0.00	24.69 1.15 0.00	24.11 1.16 0.00	21.73 1.01 0.00	20.42 0.94 0.00	22.13 0.93 0.00	24.16 0.98 0.00	32.15 1.28 0.00	41.16 1.54 0.00	47.02 2.05 0.00	28.92 1.66 0.00	34.41 1.70 0.00	45.65 1.91 0.00	52.98 1.91 -8.35	56.39 1.78 -16.70	40.54 1.74 0.00
ARTHUR_KILL_3 23513	40.16 1.14 0.00	47.36 1.24 0.00	41.50 1.02 0.01	40.92 1.17 0.00	40.65 1.35 0.29	49.26 1.52 0.00	72.88 2.31 0.00	53.27 1.94 0.00	31.57 1.35 0.00	24.48 0.94 0.00	23.91 0.97 0.00	21.60 0.88 0.00	20.32 0.84 0.00	22.01 0.81 0.00	24.05 0.87 0.00	32.11 1.24 0.00	41.15 1.54 0.01	46.39 2.01 0.59	28.77 1.58 0.07	31.33 1.67 3.05	45.52 1.78 0.00	52.85 1.78 -8.35	55.29 1.70 -15.68	36.34 1.63 4.09

ARTHUR_KILL_COGEN 323718	40.39 1.37 0.00	47.72 1.60 0.00	42.24 1.75 0.00	41.55 1.80 0.00	41.62 2.04 0.00	50.06 2.32 0.00	74.05 3.48 0.00	54.18 2.85 0.00	31.97 1.75 0.00	24.75 1.21 0.00	24.17 1.23 0.00	21.79 1.07 0.00	20.47 0.99 0.00	22.18 0.98 0.00	24.22 1.05 0.00	32.24 1.37 0.00	41.28 1.66 0.00	47.17 2.21 0.00	29.01 1.76 0.00	34.53 1.81 0.00	45.80 2.07 0.00	53.14 2.07 -8.35	56.51 1.91 -16.70	40.66 1.86 0.00
ASHOKAN____ 23654	40.54 1.52 0.00	47.83 1.71 0.00	41.99 1.50 0.00	41.30 1.55 0.00	41.22 1.65 0.00	49.79 2.05 0.00	73.71 3.15 0.00	53.73 2.40 0.00	31.60 1.38 0.00	24.40 0.86 0.00	23.69 0.75 0.00	21.27 0.55 0.00	19.96 0.48 0.00	21.69 0.49 0.00	23.77 0.60 0.00	31.86 0.99 0.00	41.37 1.75 0.00	47.54 2.58 0.00	29.04 1.79 0.00	34.69 1.98 0.00	46.03 2.29 0.00	44.87 2.15 0.00	39.78 1.87 0.00	40.53 1.73 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.26 1.24 0.00	47.51 1.39 0.00	41.68 1.19 0.00	41.15 1.40 0.00	41.11 1.53 0.00	49.42 1.68 0.00	73.28 2.71 0.00	53.58 2.25 0.00	31.69 1.47 0.00	24.57 1.03 0.00	24.05 1.11 0.00	21.67 0.95 0.00	20.39 0.91 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.18 1.31 0.00	41.30 1.69 0.00	47.17 2.21 0.00	28.97 1.72 0.00	34.51 1.79 0.00	45.72 1.99 0.00	44.70 1.98 0.00	39.81 1.90 0.00	40.74 1.94 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.26 1.24 0.00	47.51 1.39 0.00	41.68 1.19 0.00	41.15 1.40 0.00	41.11 1.53 0.00	49.42 1.68 0.00	73.28 2.71 0.00	53.58 2.25 0.00	31.69 1.47 0.00	24.57 1.03 0.00	24.05 1.11 0.00	21.67 0.95 0.00	20.39 0.91 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.18 1.31 0.00	41.30 1.69 0.00	47.17 2.21 0.00	28.97 1.72 0.00	34.51 1.79 0.00	45.72 1.99 0.00	44.70 1.98 0.00	39.81 1.90 0.00	40.74 1.94 0.00
ASTORIA_GT2_1 24094	40.29 1.27 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.47 1.73 0.00	73.23 2.67 0.00	53.60 2.27 0.00	31.71 1.49 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.84 1.93 0.00	40.75 1.95 0.00
ASTORIA_GT2_2 24095	40.29 1.27 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.47 1.73 0.00	73.23 2.67 0.00	53.60 2.27 0.00	31.71 1.49 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.84 1.93 0.00	40.75 1.95 0.00
ASTORIA_GT2_3 24096	40.29 1.27 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.47 1.73 0.00	73.23 2.67 0.00	53.60 2.27 0.00	31.71 1.49 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.84 1.93 0.00	40.75 1.95 0.00
ASTORIA_GT2_4 24097	40.29 1.27 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.47 1.73 0.00	73.23 2.67 0.00	53.60 2.27 0.00	31.71 1.49 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.84 1.93 0.00	40.75 1.95 0.00
ASTORIA_GT3_1 24098	40.29 1.27 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.47 1.73 0.00	73.23 2.67 0.00	53.60 2.27 0.00	31.71 1.49 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.84 1.93 0.00	40.75 1.95 0.00
ASTORIA_GT3_2 24099	40.29 1.27 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.47 1.73 0.00	73.23 2.67 0.00	53.60 2.27 0.00	31.71 1.49 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.84 1.93 0.00	40.75 1.95 0.00
ASTORIA_GT3_3 24100	40.29 1.27 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.47 1.73 0.00	73.23 2.67 0.00	53.60 2.27 0.00	31.71 1.49 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.84 1.93 0.00	40.75 1.95 0.00
ASTORIA_GT3_4 24101	40.29 1.27 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.47 1.73 0.00	73.23 2.67 0.00	53.60 2.27 0.00	31.71 1.49 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.84 1.93 0.00	40.75 1.95 0.00
ASTORIA_GT4_1 24102	40.29 1.27 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.47 1.73 0.00	73.23 2.67 0.00	53.60 2.27 0.00	31.71 1.49 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.84 1.93 0.00	40.75 1.95 0.00
ASTORIA_GT4_2 24103	40.29 1.27 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.47 1.73 0.00	73.23 2.67 0.00	53.60 2.27 0.00	31.71 1.49 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.84 1.93 0.00	40.75 1.95 0.00
ASTORIA_GT4_3 24104	40.29 1.27 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.47 1.73 0.00	73.23 2.67 0.00	53.60 2.27 0.00	31.71 1.49 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.84 1.93 0.00	40.75 1.95 0.00

ASTORIA_GT4_4 24105	40.29 1.27 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.47 1.73 0.00	73.23 2.67 0.00	53.60 2.27 0.00	31.71 1.49 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.84 1.93 0.00	40.75 1.95 0.00
ASTORIA_GT_1 23523	40.36 1.34 0.00	47.61 1.50 0.00	41.77 1.28 0.00	41.23 1.48 0.00	41.19 1.61 0.00	49.52 1.77 0.00	73.42 2.86 0.00	53.69 2.35 0.00	31.75 1.53 0.00	24.62 1.08 0.00	24.10 1.16 0.00	21.72 1.00 0.00	20.43 0.95 0.00	22.14 0.94 0.00	24.20 1.02 0.00	32.25 1.38 0.00	41.40 1.78 0.00	47.28 2.32 0.00	29.05 1.79 0.00	34.59 1.87 0.00	45.83 2.10 0.00	44.80 2.08 0.00	39.90 1.99 0.00	40.82 2.02 0.00
ASTORIA_GT_10 24110	40.33 1.31 0.00	47.60 1.48 0.00	41.81 1.32 0.00	41.21 1.46 0.00	41.22 1.64 0.00	49.62 1.88 0.00	73.39 2.82 0.00	53.67 2.33 0.00	31.77 1.54 0.00	24.65 1.11 0.00	24.08 1.13 0.00	21.71 1.00 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.19 1.02 0.00	32.25 1.38 0.00	41.36 1.74 0.00	47.22 2.26 0.00	28.97 1.72 0.00	34.54 1.82 0.00	45.76 2.03 0.00	44.73 2.01 0.00	39.80 1.89 0.00	40.64 1.84 0.00
ASTORIA_GT_11 24225	40.33 1.31 0.00	47.60 1.48 0.00	41.81 1.32 0.00	41.21 1.46 0.00	41.22 1.64 0.00	49.62 1.88 0.00	73.39 2.82 0.00	53.67 2.33 0.00	31.77 1.54 0.00	24.65 1.11 0.00	24.08 1.13 0.00	21.71 1.00 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.19 1.02 0.00	32.25 1.38 0.00	41.36 1.74 0.00	47.22 2.26 0.00	28.97 1.72 0.00	34.54 1.82 0.00	45.76 2.03 0.00	44.73 2.01 0.00	39.80 1.89 0.00	40.64 1.84 0.00
ASTORIA_GT_12 24226	40.33 1.31 0.00	47.60 1.48 0.00	41.81 1.32 0.00	41.21 1.46 0.00	41.22 1.64 0.00	49.62 1.88 0.00	73.39 2.82 0.00	53.67 2.33 0.00	31.77 1.54 0.00	24.65 1.11 0.00	24.08 1.13 0.00	21.71 1.00 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.19 1.02 0.00	32.25 1.38 0.00	41.36 1.74 0.00	47.22 2.26 0.00	28.97 1.72 0.00	34.54 1.82 0.00	45.76 2.03 0.00	44.73 2.01 0.00	39.80 1.89 0.00	40.64 1.84 0.00
ASTORIA_GT_13 24227	40.33 1.31 0.00	47.60 1.48 0.00	41.81 1.32 0.00	41.21 1.46 0.00	41.22 1.64 0.00	49.62 1.88 0.00	73.39 2.82 0.00	53.67 2.33 0.00	31.77 1.54 0.00	24.65 1.11 0.00	24.08 1.13 0.00	21.71 1.00 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.19 1.02 0.00	32.25 1.38 0.00	41.36 1.74 0.00	47.22 2.26 0.00	28.97 1.72 0.00	34.54 1.82 0.00	45.76 2.03 0.00	44.73 2.01 0.00	39.80 1.89 0.00	40.64 1.84 0.00
ASTORIA_GT_5 24106	40.36 1.34 0.00	47.62 1.50 0.00	41.77 1.28 0.00	41.23 1.48 0.00	41.19 1.61 0.00	49.55 1.81 0.00	73.36 2.80 0.00	53.69 2.35 0.00	31.76 1.53 0.00	24.62 1.08 0.00	24.11 1.16 0.00	21.72 1.00 0.00	20.43 0.95 0.00	22.14 0.94 0.00	24.19 1.02 0.00	32.25 1.39 0.00	41.40 1.78 0.00	47.28 2.32 0.00	29.04 1.79 0.00	34.59 1.87 0.00	45.83 2.10 0.00	44.80 2.08 0.00	39.90 2.00 0.00	40.82 2.02 0.00
ASTORIA_GT_7 24107	40.36 1.34 0.00	47.62 1.50 0.00	41.77 1.28 0.00	41.23 1.48 0.00	41.19 1.61 0.00	49.55 1.81 0.00	73.36 2.80 0.00	53.69 2.35 0.00	31.76 1.53 0.00	24.62 1.08 0.00	24.11 1.16 0.00	21.72 1.00 0.00	20.43 0.95 0.00	22.14 0.94 0.00	24.19 1.02 0.00	32.25 1.39 0.00	41.40 1.78 0.00	47.28 2.32 0.00	29.04 1.79 0.00	34.59 1.87 0.00	45.83 2.10 0.00	44.80 2.08 0.00	39.90 2.00 0.00	40.82 2.02 0.00
ASTORIA_GT_8 24108	40.36 1.34 0.00	47.62 1.50 0.00	41.77 1.28 0.00	41.23 1.48 0.00	41.19 1.61 0.00	49.55 1.81 0.00	73.36 2.80 0.00	53.69 2.35 0.00	31.76 1.53 0.00	24.62 1.08 0.00	24.11 1.16 0.00	21.72 1.00 0.00	20.43 0.95 0.00	22.14 0.94 0.00	24.19 1.02 0.00	32.25 1.39 0.00	41.40 1.78 0.00	47.28 2.32 0.00	29.04 1.79 0.00	34.59 1.87 0.00	45.83 2.10 0.00	44.80 2.08 0.00	39.90 2.00 0.00	40.82 2.02 0.00
ASTORIA___2 24149	40.29 1.27 0.00	47.54 1.43 0.00	41.70 1.22 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.44 1.70 0.00	73.30 2.73 0.00	53.60 2.27 0.00	31.70 1.48 0.00	24.58 1.04 0.00	24.06 1.12 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.09 0.89 0.00	24.15 0.98 0.00	32.19 1.33 0.00	41.32 1.70 0.00	47.19 2.23 0.00	28.99 1.74 0.00	34.52 1.81 0.00	45.75 2.02 0.00	44.72 2.00 0.00	39.83 1.93 0.00	40.75 1.95 0.00
ASTORIA___3 23516	40.33 1.31 0.00	47.60 1.48 0.00	41.81 1.32 0.00	41.21 1.46 0.00	41.22 1.64 0.00	49.60 1.86 0.00	73.43 2.86 0.00	53.67 2.33 0.00	31.76 1.54 0.00	24.64 1.10 0.00	24.08 1.13 0.00	21.71 0.99 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.20 1.02 0.00	32.25 1.38 0.00	41.36 1.74 0.00	47.22 2.26 0.00	28.97 1.72 0.00	34.53 1.82 0.00	45.76 2.03 0.00	44.73 2.01 0.00	39.79 1.89 0.00	40.64 1.84 0.00
ASTORIA___4 23517	40.33 1.31 0.00	47.60 1.48 0.00	41.81 1.32 0.00	41.21 1.46 0.00	41.22 1.64 0.00	49.62 1.88 0.00	73.39 2.82 0.00	53.67 2.33 0.00	31.77 1.54 0.00	24.65 1.11 0.00	24.08 1.13 0.00	21.71 0.99 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.19 1.02 0.00	32.25 1.38 0.00	41.36 1.74 0.00	47.22 2.26 0.00	28.97 1.72 0.00	34.54 1.82 0.00	45.76 2.03 0.00	44.73 2.01 0.00	39.80 1.89 0.00	40.64 1.84 0.00
ASTORIA___5 23518	40.33 1.31 0.00	47.60 1.48 0.00	41.81 1.32 0.00	41.21 1.46 0.00	41.22 1.64 0.00	49.60 1.86 0.00	73.43 2.86 0.00	53.67 2.33 0.00	31.76 1.54 0.00	24.64 1.10 0.00	24.08 1.13 0.00	21.71 1.00 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.20 1.02 0.00	32.25 1.38 0.00	41.36 1.74 0.00	47.22 2.26 0.00	28.97 1.72 0.00	34.53 1.82 0.00	45.76 2.03 0.00	44.73 2.01 0.00	39.79 1.89 0.00	40.64 1.84 0.00
AST_ENERGY_2_CC3 323677	40.27 1.25 0.00	47.48 1.36 0.00	41.65 1.16 0.00	41.06 1.31 0.00	41.09 1.51 0.00	49.44 1.70 0.00	73.15 2.59 0.00	53.43 2.09 0.00	31.65 1.43 0.00	24.54 1.00 0.00	23.98 1.04 0.00	21.67 0.95 0.00	20.38 0.90 0.00	22.07 0.87 0.00	24.12 0.94 0.00	32.20 1.34 0.00	41.28 1.67 0.00	47.13 2.17 0.00	28.92 1.66 0.00	34.48 1.76 0.00	45.64 1.90 0.00	44.64 1.92 0.00	39.73 1.83 0.00	40.55 1.75 0.00
AST_ENERGY_2_CC4 323678	40.27 1.25 0.00	47.48 1.36 0.00	41.65 1.16 0.00	41.06 1.31 0.00	41.09 1.51 0.00	49.44 1.70 0.00	73.15 2.59 0.00	53.43 2.09 0.00	31.65 1.43 0.00	24.54 1.00 0.00	23.98 1.04 0.00	21.67 0.95 0.00	20.38 0.90 0.00	22.07 0.87 0.00	24.12 0.94 0.00	32.20 1.34 0.00	41.28 1.67 0.00	47.13 2.17 0.00	28.92 1.66 0.00	34.48 1.76 0.00	45.64 1.90 0.00	44.64 1.92 0.00	39.73 1.83 0.00	40.55 1.75 0.00

ATHENS_STG_1 23668	39.81 0.80 0.00	47.02 0.90 0.00	41.30 0.81 0.00	40.63 0.89 0.00	40.51 0.93 0.00	48.85 1.11 0.00	72.22 1.65 0.00	52.61 1.28 0.00	31.02 0.80 0.00	24.10 0.56 0.00	23.48 0.53 0.00	21.15 0.44 0.00	19.89 0.41 0.00	21.61 0.42 0.00	23.66 0.48 0.00	31.58 0.71 0.00	40.59 0.98 0.00	46.29 1.33 0.00	28.27 1.02 0.00	33.80 1.08 0.00	44.91 1.17 0.00	43.87 1.15 0.00	38.98 1.08 0.00	39.83 1.03 0.00
ATHENS_STG_2 23670	39.81 0.80 0.00	47.02 0.90 0.00	41.30 0.81 0.00	40.63 0.89 0.00	40.51 0.93 0.00	48.85 1.11 0.00	72.22 1.65 0.00	52.61 1.28 0.00	31.02 0.80 0.00	24.10 0.56 0.00	23.48 0.53 0.00	21.15 0.44 0.00	19.89 0.41 0.00	21.61 0.42 0.00	23.66 0.48 0.00	31.58 0.71 0.00	40.59 0.98 0.00	46.29 1.33 0.00	28.27 1.02 0.00	33.80 1.08 0.00	44.91 1.17 0.00	43.87 1.15 0.00	38.98 1.08 0.00	39.83 1.03 0.00
ATHENS_STG_3 23677	39.81 0.80 0.00	47.02 0.90 0.00	41.30 0.81 0.00	40.63 0.89 0.00	40.51 0.93 0.00	48.85 1.11 0.00	72.22 1.65 0.00	52.61 1.28 0.00	31.02 0.80 0.00	24.10 0.56 0.00	23.48 0.53 0.00	21.15 0.44 0.00	19.89 0.41 0.00	21.61 0.42 0.00	23.66 0.48 0.00	31.58 0.71 0.00	40.59 0.98 0.00	46.29 1.33 0.00	28.27 1.02 0.00	33.80 1.08 0.00	44.91 1.17 0.00	43.87 1.15 0.00	38.98 1.08 0.00	39.83 1.03 0.00
AUBURN___LFGE 323710	38.75 -0.28 0.00	45.86 -0.25 0.00	39.98 -0.51 0.00	39.30 -0.45 0.00	39.19 -0.39 0.00	47.41 -0.33 0.00	69.89 -0.67 0.00	50.93 -0.40 0.00	29.90 -0.32 0.00	23.28 -0.26 0.00	22.69 -0.26 0.00	20.51 -0.21 0.00	19.27 -0.20 0.00	20.94 -0.26 0.00	22.84 -0.33 0.00	30.49 -0.38 0.00	39.06 -0.56 0.00	44.72 -0.24 0.00	27.26 0.01 0.00	32.51 -0.20 0.00	43.19 -0.54 0.00	42.31 -0.41 0.00	37.50 -0.41 0.00	38.26 -0.54 0.00
BABYLON_RES_REC 323704	41.12 2.10 0.00	48.70 2.59 0.00	42.72 2.24 0.00	42.08 2.33 0.00	42.06 2.49 0.00	50.63 2.89 0.00	74.63 4.07 0.00	58.31 3.18 -3.80	32.19 1.96 0.00	24.91 1.37 0.00	24.32 1.38 0.00	21.94 1.22 0.00	20.61 1.13 0.00	22.36 1.16 0.00	25.61 1.45 -0.99	46.10 2.02 -13.21	107.20 2.67 -64.92	51.23 3.36 -2.91	52.98 2.39 -23.34	36.32 2.68 -0.93	46.86 3.12 0.00	45.66 2.94 0.00	44.02 2.81 -3.31	41.52 2.72 0.00
BABYLON__69_KV_BK2 356345	41.53 2.51 0.00	49.21 3.09 0.00	43.17 2.69 0.00	42.52 2.77 0.00	42.49 2.91 0.00	51.21 3.47 0.00	75.39 4.82 0.00	58.90 3.76 -3.80	32.50 2.28 0.00	25.15 1.61 0.00	24.57 1.62 0.00	22.17 1.46 0.00	20.83 1.35 0.00	22.59 1.39 0.00	25.87 1.71 -0.99	46.47 2.39 -13.21	107.70 3.17 -64.92	51.79 3.92 -2.91	53.31 2.72 -23.34	36.73 3.10 -0.93	47.41 3.67 0.00	46.16 3.44 0.00	44.48 3.27 -3.31	41.97 3.17 0.00
BALL_HILL_WT_PWR 323825	36.42 -2.60 0.00	43.22 -2.90 0.00	37.68 -2.81 0.00	37.01 -2.74 0.00	36.98 -2.59 0.00	19.77 -2.48 25.49	25.95 -4.00 40.62	47.41 -3.92 0.00	25.01 -2.18 3.03	21.66 -1.61 0.27	21.31 -1.51 0.13	19.37 -1.22 0.13	18.21 -1.15 0.12	19.83 -1.16 0.21	21.84 -1.33 0.00	28.84 -2.03 0.00	36.46 -3.16 0.00	41.44 -3.53 0.00	23.99 -2.02 1.24	30.15 -2.56 0.00	38.67 -3.81 1.25	38.33 -3.69 0.70	30.75 -3.08 4.07	32.11 -2.67 4.02
BARON_WINDS___WT_PWR 323822	38.53 -0.49 0.00	45.65 -0.46 0.00	39.89 -0.60 0.00	39.19 -0.57 0.00	39.11 -0.46 0.00	66.46 -0.58 -19.30	100.56 -0.77 -30.76	50.98 -0.35 0.00	32.29 -0.23 -2.29	23.44 -0.30 -0.21	22.64 -0.40 -0.09	20.43 -0.38 -0.10	19.14 -0.43 -0.09	20.89 -0.47 -0.16	22.61 -0.56 0.00	30.08 -0.78 0.00	38.86 -0.76 0.00	44.55 -0.42 0.00	28.05 -0.14 -0.94	32.46 -0.25 0.00	43.96 -0.73 -0.95	42.54 -0.71 -0.53	40.52 -0.46 -3.08	41.35 -0.49 -3.04
BARRETT_IC_1 23704	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00
BARRETT_IC_10 23701	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00
BARRETT_IC_11 23702	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00
BARRETT_IC_12 23703	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00
BARRETT_IC_2 23705	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00
BARRETT_IC_3 23706	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00
BARRETT_IC_4 23707	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00

BARRETT_IC_5 23708	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00
BARRETT_IC_6 23709	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00
BARRETT_IC_7 23710	40.71 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.11 2.36 0.00	73.39 2.82 0.00	57.30 2.16 -3.80	31.87 1.65 0.00	24.70 1.16 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.82 1.74 -13.21	106.63 2.09 -64.92	50.35 2.48 -2.91	52.57 1.99 -23.34	35.84 2.20 -0.93	46.25 2.52 0.00	45.10 2.38 0.00	43.49 2.28 -3.31	41.02 2.22 0.00
BARRETT_IC_8 23711	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00
BARRETT_IC_9 23700	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00
BARRETT___1 23545	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00
BARRETT___2 23546	40.70 1.68 0.00	48.17 2.06 0.00	42.27 1.78 0.00	41.72 1.97 0.00	41.66 2.09 0.00	50.08 2.34 0.00	73.49 2.93 0.00	57.30 2.16 -3.80	31.86 1.64 0.00	24.69 1.15 0.00	24.12 1.17 0.00	21.79 1.07 0.00	20.54 1.07 0.00	22.28 1.08 0.00	25.46 1.30 -0.99	45.81 1.74 -13.21	106.63 2.09 -64.92	50.35 2.47 -2.91	52.58 1.99 -23.34	35.84 2.20 -0.93	46.25 2.51 0.00	45.10 2.38 0.00	43.49 2.27 -3.31	41.02 2.22 0.00
BATAVIA__115KV_TB1 55881	36.84 -2.18 0.00	43.68 -2.44 0.00	38.14 -2.35 0.00	37.41 -2.34 0.00	37.30 -2.28 0.00	45.82 -1.92 0.00	67.66 -2.90 0.00	47.82 -3.51 0.00	28.28 -1.94 0.00	22.05 -1.49 0.00	21.45 -1.49 0.00	19.54 -1.18 0.00	18.40 -1.08 0.00	20.12 -1.08 0.00	21.88 -1.30 0.00	28.95 -1.92 0.00	36.81 -2.81 0.00	42.02 -2.95 0.00	25.59 -1.66 0.00	30.53 -2.19 0.00	40.49 -3.25 0.00	39.54 -3.18 0.00	35.13 -2.78 0.00	36.53 -2.27 0.00
BAYONEEC___CTG1 323682	40.28 1.26 0.00	47.51 1.39 0.00	41.67 1.19 0.00	41.07 1.32 0.00	41.10 1.52 0.00	49.45 1.71 0.00	73.15 2.59 0.00	53.45 2.12 0.00	31.68 1.46 0.00	24.57 1.02 0.00	24.00 1.05 0.00	21.67 0.95 0.00	20.39 0.90 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.22 1.36 0.00	41.31 1.70 0.00	47.14 2.18 0.00	28.94 1.69 0.00	34.51 1.80 0.00	45.67 1.93 0.00	44.66 1.94 0.00	39.76 1.85 0.00	40.57 1.77 0.00
BAYONEEC___CTG10 323750	40.28 1.26 0.00	47.51 1.39 0.00	41.67 1.19 0.00	41.07 1.32 0.00	41.10 1.52 0.00	49.45 1.71 0.00	73.15 2.59 0.00	53.45 2.12 0.00	31.68 1.46 0.00	24.57 1.02 0.00	24.00 1.05 0.00	21.67 0.95 0.00	20.39 0.90 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.22 1.36 0.00	41.31 1.70 0.00	47.14 2.18 0.00	28.94 1.69 0.00	34.51 1.80 0.00	45.67 1.93 0.00	44.66 1.94 0.00	39.76 1.85 0.00	40.57 1.77 0.00
BAYONEEC___CTG2 323683	40.28 1.26 0.00	47.51 1.39 0.00	41.67 1.19 0.00	41.07 1.32 0.00	41.10 1.52 0.00	49.45 1.71 0.00	73.15 2.59 0.00	53.45 2.12 0.00	31.68 1.46 0.00	24.57 1.02 0.00	24.00 1.05 0.00	21.67 0.95 0.00	20.39 0.90 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.22 1.36 0.00	41.31 1.70 0.00	47.14 2.18 0.00	28.94 1.69 0.00	34.51 1.80 0.00	45.67 1.93 0.00	44.66 1.94 0.00	39.76 1.85 0.00	40.57 1.77 0.00
BAYONEEC___CTG3 323684	40.28 1.26 0.00	47.51 1.39 0.00	41.67 1.19 0.00	41.07 1.32 0.00	41.10 1.52 0.00	49.45 1.71 0.00	73.15 2.59 0.00	53.45 2.12 0.00	31.68 1.46 0.00	24.57 1.02 0.00	24.00 1.05 0.00	21.67 0.95 0.00	20.39 0.90 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.22 1.36 0.00	41.31 1.70 0.00	47.14 2.18 0.00	28.94 1.69 0.00	34.51 1.80 0.00	45.67 1.93 0.00	44.66 1.94 0.00	39.76 1.85 0.00	40.57 1.77 0.00
BAYONEEC___CTG4 323685	40.28 1.26 0.00	47.51 1.39 0.00	41.67 1.19 0.00	41.07 1.32 0.00	41.10 1.52 0.00	49.45 1.71 0.00	73.15 2.59 0.00	53.45 2.12 0.00	31.68 1.46 0.00	24.57 1.02 0.00	24.00 1.05 0.00	21.67 0.95 0.00	20.39 0.90 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.22 1.36 0.00	41.31 1.70 0.00	47.14 2.18 0.00	28.94 1.69 0.00	34.51 1.80 0.00	45.67 1.93 0.00	44.66 1.94 0.00	39.76 1.85 0.00	40.57 1.77 0.00
BAYONEEC___CTG5 323686	40.28 1.26 0.00	47.51 1.39 0.00	41.67 1.19 0.00	41.07 1.32 0.00	41.10 1.52 0.00	49.45 1.71 0.00	73.15 2.59 0.00	53.45 2.12 0.00	31.68 1.46 0.00	24.57 1.02 0.00	24.00 1.05 0.00	21.67 0.95 0.00	20.39 0.90 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.22 1.36 0.00	41.31 1.70 0.00	47.14 2.18 0.00	28.94 1.69 0.00	34.51 1.80 0.00	45.67 1.93 0.00	44.66 1.94 0.00	39.76 1.85 0.00	40.57 1.77 0.00
BAYONEEC___CTG6 323687	40.28 1.26 0.00	47.51 1.39 0.00	41.67 1.19 0.00	41.07 1.32 0.00	41.10 1.52 0.00	49.45 1.71 0.00	73.15 2.59 0.00	53.45 2.12 0.00	31.68 1.46 0.00	24.57 1.02 0.00	24.00 1.05 0.00	21.67 0.95 0.00	20.39 0.90 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.22 1.36 0.00	41.31 1.70 0.00	47.14 2.18 0.00	28.94 1.69 0.00	34.51 1.80 0.00	45.67 1.93 0.00	44.66 1.94 0.00	39.76 1.85 0.00	40.57 1.77 0.00

BAYONEEC___CTG7 323688	40.28 1.26 0.00	47.51 1.39 0.00	41.67 1.19 0.00	41.07 1.32 0.00	41.10 1.52 0.00	49.45 1.71 0.00	73.15 2.59 0.00	53.45 2.12 0.00	31.68 1.46 0.00	24.57 1.02 0.00	24.00 1.05 0.00	21.67 0.95 0.00	20.39 0.90 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.22 1.36 0.00	41.31 1.70 0.00	47.14 2.18 0.00	28.94 1.69 0.00	34.51 1.80 0.00	45.67 1.93 0.00	44.66 1.94 0.00	39.76 1.85 0.00	40.57 1.77 0.00
BAYONEEC___CTG8 323689	40.28 1.26 0.00	47.51 1.39 0.00	41.67 1.19 0.00	41.07 1.32 0.00	41.10 1.52 0.00	49.45 1.71 0.00	73.15 2.59 0.00	53.45 2.12 0.00	31.68 1.46 0.00	24.57 1.02 0.00	24.00 1.05 0.00	21.67 0.95 0.00	20.39 0.90 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.22 1.36 0.00	41.31 1.70 0.00	47.14 2.18 0.00	28.94 1.69 0.00	34.51 1.80 0.00	45.67 1.93 0.00	44.66 1.94 0.00	39.76 1.85 0.00	40.57 1.77 0.00
BAYONEEC___CTG9 323749	40.28 1.26 0.00	47.51 1.39 0.00	41.67 1.19 0.00	41.07 1.32 0.00	41.10 1.52 0.00	49.45 1.71 0.00	73.15 2.59 0.00	53.45 2.12 0.00	31.68 1.46 0.00	24.57 1.02 0.00	24.00 1.05 0.00	21.67 0.95 0.00	20.39 0.90 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.22 1.36 0.00	41.31 1.70 0.00	47.14 2.18 0.00	28.94 1.69 0.00	34.51 1.80 0.00	45.67 1.93 0.00	44.66 1.94 0.00	39.76 1.85 0.00	40.57 1.77 0.00
BEACON___LESR 323632	39.78 0.76 0.00	46.96 0.84 0.00	41.16 0.68 0.00	40.50 0.76 0.00	40.47 0.89 0.00	48.75 1.01 0.00	72.19 1.63 0.00	52.58 1.25 0.00	30.88 0.65 0.00	23.97 0.43 0.00	23.41 0.46 0.00	21.04 0.32 0.00	19.80 0.32 0.00	21.54 0.34 0.00	23.58 0.41 0.00	31.52 0.65 0.00	40.66 1.05 0.00	46.31 1.35 0.00	28.28 1.03 0.00	33.77 1.06 0.00	44.88 1.15 0.00	43.87 1.15 0.00	38.88 0.97 0.00	39.69 0.88 0.00
BEAVER RIVER___HYD 24048	39.26 0.24 0.00	46.40 0.28 0.00	40.78 0.29 0.00	40.01 0.26 0.00	39.78 0.21 0.00	48.02 0.27 0.00	70.92 0.35 0.00	51.66 0.33 0.00	30.32 0.10 0.00	23.54 0.00 0.00	22.83 -0.12 0.00	20.58 -0.14 0.00	19.37 -0.11 0.00	21.13 -0.07 0.00	23.11 -0.07 0.00	30.91 0.04 0.00	39.95 0.34 0.00	45.66 0.69 0.00	27.61 0.36 0.00	33.06 0.35 0.00	44.16 0.42 0.00	43.01 0.29 0.00	38.13 0.22 0.00	39.02 0.22 0.00
BEEBEE_GT_13 23619	37.17 -1.86 0.00	44.04 -2.08 0.00	38.47 -2.02 0.00	37.73 -2.02 0.00	37.60 -1.98 0.00	45.69 -2.06 0.00	67.52 -3.04 0.00	48.41 -2.92 0.00	28.58 -1.64 0.00	22.32 -1.22 0.00	21.77 -1.18 0.00	19.78 -0.93 0.00	18.62 -0.86 0.00	20.32 -0.88 0.00	22.14 -1.03 0.00	29.34 -1.53 0.00	37.41 -2.21 0.00	42.58 -2.38 0.00	25.90 -1.35 0.00	30.95 -1.77 0.00	41.11 -2.63 0.00	40.15 -2.57 0.00	35.60 -2.31 0.00	36.72 -2.08 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.74 1.72 0.00	48.09 1.98 0.00	42.30 1.81 0.00	41.66 1.90 0.00	41.69 2.11 0.00	50.19 2.45 0.00	74.18 3.61 0.00	54.29 2.95 0.00	32.14 1.92 0.00	24.93 1.39 0.00	24.36 1.41 0.00	21.98 1.26 0.00	20.67 1.19 0.00	22.40 1.20 0.00	24.46 1.29 0.00	32.59 1.72 0.00	41.74 2.12 0.00	47.65 2.69 0.00	29.28 2.03 0.00	34.90 2.18 0.00	46.24 2.50 0.00	53.55 2.48 -8.35	56.90 2.30 -16.70	41.04 2.24 0.00
BETHLEHEM___GRP 23843	39.07 0.05 0.00	46.13 0.01 0.00	40.52 0.03 0.00	39.86 0.11 0.00	39.75 0.18 0.00	47.93 0.18 0.00	70.81 0.24 0.00	51.52 0.18 0.00	30.34 0.12 0.00	23.62 0.08 0.00	23.08 0.13 0.00	20.76 0.04 0.00	19.53 0.05 0.00	21.27 0.07 0.00	23.26 0.09 0.00	30.94 0.08 0.00	39.85 0.23 0.00	45.41 0.45 0.00	27.72 0.47 0.00	33.10 0.39 0.00	44.04 0.30 0.00	43.05 0.33 0.00	38.22 0.32 0.00	39.04 0.24 0.00
BETHLEHEM___GS1 323560	39.07 0.05 0.00	46.13 0.01 0.00	40.52 0.03 0.00	39.86 0.11 0.00	39.75 0.18 0.00	47.93 0.18 0.00	70.82 0.26 0.00	51.52 0.18 0.00	30.34 0.12 0.00	23.61 0.07 0.00	23.08 0.13 0.00	20.76 0.04 0.00	19.53 0.05 0.00	21.27 0.07 0.00	23.26 0.09 0.00	30.94 0.08 0.00	39.85 0.23 0.00	45.41 0.44 0.00	27.72 0.47 0.00	33.10 0.39 0.00	44.04 0.30 0.00	43.04 0.32 0.00	38.22 0.31 0.00	39.04 0.24 0.00
BETHLEHEM___GS2 323561	39.07 0.05 0.00	46.13 0.01 0.00	40.52 0.03 0.00	39.86 0.11 0.00	39.75 0.18 0.00	47.93 0.18 0.00	70.82 0.26 0.00	51.52 0.18 0.00	30.34 0.12 0.00	23.61 0.07 0.00	23.08 0.13 0.00	20.76 0.04 0.00	19.53 0.05 0.00	21.27 0.07 0.00	23.26 0.09 0.00	30.94 0.08 0.00	39.85 0.23 0.00	45.41 0.44 0.00	27.72 0.47 0.00	33.10 0.39 0.00	44.04 0.30 0.00	43.04 0.32 0.00	38.22 0.31 0.00	39.04 0.24 0.00
BETHLEHEM___GS3 323562	39.07 0.05 0.00	46.13 0.01 0.00	40.52 0.03 0.00	39.86 0.11 0.00	39.75 0.18 0.00	47.93 0.18 0.00	70.82 0.26 0.00	51.52 0.18 0.00	30.34 0.12 0.00	23.61 0.07 0.00	23.08 0.13 0.00	20.76 0.04 0.00	19.53 0.05 0.00	21.27 0.07 0.00	23.26 0.09 0.00	30.94 0.08 0.00	39.85 0.23 0.00	45.41 0.44 0.00	27.72 0.47 0.00	33.10 0.39 0.00	44.04 0.30 0.00	43.04 0.32 0.00	38.22 0.31 0.00	39.04 0.24 0.00
BETHLEHEM___STEEL 23779	36.27 -2.76 0.00	43.06 -3.05 0.00	37.56 -2.93 0.00	36.86 -2.89 0.00	36.80 -2.78 0.00	45.08 -2.67 0.00	66.48 -4.08 0.00	47.03 -4.30 0.00	27.83 -2.39 0.00	21.82 -1.72 0.00	21.31 -1.64 0.00	19.41 -1.31 0.00	18.28 -1.20 0.00	19.99 -1.21 0.00	21.78 -1.40 0.00	28.74 -2.13 0.00	36.28 -3.34 0.00	41.16 -3.81 0.00	25.02 -2.23 0.00	29.87 -2.84 0.00	39.62 -4.12 0.00	38.77 -3.95 0.00	34.52 -3.39 0.00	35.91 -2.89 0.00
BETHLHEM_115KV_TB1 79974	39.17 0.14 0.00	46.26 0.14 0.00	40.64 0.15 0.00	39.98 0.23 0.00	39.87 0.29 0.00	48.06 0.32 0.00	71.01 0.44 0.00	51.67 0.33 0.00	30.43 0.21 0.00	23.68 0.14 0.00	23.13 0.18 0.00	20.81 0.09 0.00	19.58 0.09 0.00	21.31 0.10 0.00	23.31 0.14 0.00	31.02 0.16 0.00	39.95 0.33 0.00	45.52 0.56 0.00	27.79 0.54 0.00	33.18 0.47 0.00	44.15 0.42 0.00	43.14 0.42 0.00	38.32 0.41 0.00	39.14 0.33 0.00
BETHPAGE_CC_5 323564	41.01 1.99 0.00	48.53 2.41 0.00	42.57 2.08 0.00	41.93 2.18 0.00	41.91 2.34 0.00	50.46 2.71 0.00	74.35 3.79 0.00	58.08 2.94 -3.80	32.11 1.89 0.00	24.86 1.32 0.00	24.28 1.34 0.00	21.92 1.20 0.00	20.60 1.13 0.00	22.35 1.15 0.00	25.58 1.42 -0.99	46.03 1.96 -13.21	107.06 2.53 -64.92	51.01 3.14 -2.91	52.87 2.28 -23.34	36.17 2.53 -0.93	46.68 2.95 0.00	45.52 2.80 0.00	43.88 2.66 -3.31	41.36 2.56 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.43 -2.59 0.00	43.25 -2.86 0.00	37.72 -2.77 0.00	37.02 -2.73 0.00	36.95 -2.62 0.00	45.27 -2.48 0.00	66.78 -3.79 0.00	47.26 -4.07 0.00	27.98 -2.24 0.00	21.93 -1.61 0.00	21.42 -1.53 0.00	19.50 -1.22 0.00	18.37 -1.11 0.00	20.08 -1.12 0.00	21.87 -1.30 0.00	28.87 -2.00 0.00	36.45 -3.17 0.00	41.36 -3.60 0.00	25.15 -2.10 0.00	30.03 -2.68 0.00	39.84 -3.90 0.00	38.97 -3.76 0.00	34.71 -3.20 0.00	36.10 -2.71 0.00

BINGHAMTON___COGEN 23790	38.63 -0.39 0.00	45.68 -0.43 0.00	40.00 -0.49 0.00	39.27 -0.48 0.00	39.16 -0.42 0.00	47.28 -0.46 0.00	69.96 -0.60 0.00	50.93 -0.40 0.00	29.99 -0.24 0.00	23.31 -0.23 0.00	22.70 -0.25 0.00	20.50 -0.22 0.00	19.25 -0.23 0.00	20.93 -0.27 0.00	22.87 -0.30 0.00	30.47 -0.39 0.00	39.19 -0.43 0.00	44.71 -0.25 0.00	27.24 -0.02 0.00	32.64 -0.07 0.00	43.32 -0.42 0.00	42.25 -0.47 0.00	37.57 -0.34 0.00	38.46 -0.34 0.00
BIXINCNT_115KV_LOAD 355685	37.28 -1.74 0.00	44.27 -1.85 0.00	38.57 -1.92 0.00	37.89 -1.86 0.00	37.82 -1.76 0.00	46.24 -1.51 0.00	68.19 -2.38 0.00	48.42 -2.92 0.00	28.78 -1.44 0.00	22.54 -1.01 0.00	21.99 -0.95 0.00	19.99 -0.73 0.00	18.79 -0.69 0.00	20.48 -0.72 0.00	22.30 -0.87 0.00	29.40 -1.47 0.00	37.25 -2.37 0.00	42.23 -2.73 0.00	25.70 -1.55 0.00	30.70 -2.01 0.00	40.79 -2.94 0.00	39.92 -2.80 0.00	35.62 -2.28 0.00	37.06 -1.74 0.00
BLACK RIVER___HYD 24047	39.16 0.14 0.00	46.24 0.12 0.00	40.57 0.08 0.00	39.78 0.03 0.00	39.55 -0.03 0.00	47.81 0.06 0.00	70.70 0.13 0.00	51.51 0.18 0.00	30.22 0.00 0.00	23.41 -0.13 0.00	22.64 -0.30 0.00	20.45 -0.27 0.00	19.28 -0.20 0.00	21.05 -0.15 0.00	22.99 -0.18 0.00	30.74 -0.13 0.00	39.85 0.23 0.00	45.74 0.77 0.00	27.72 0.46 0.00	33.14 0.43 0.00	44.19 0.45 0.00	42.98 0.26 0.00	38.08 0.17 0.00	38.89 0.09 0.00
BLACKRVR_115KV_TB2 79977	39.16 0.14 0.00	46.24 0.12 0.00	40.57 0.08 0.00	39.78 0.03 0.00	39.55 -0.03 0.00	47.80 0.06 0.00	70.71 0.14 0.00	51.51 0.18 0.00	30.22 0.00 0.00	23.41 -0.13 0.00	22.64 -0.30 0.00	20.45 -0.27 0.00	19.28 -0.20 0.00	21.05 -0.15 0.00	22.99 -0.18 0.00	30.74 -0.13 0.00	39.85 0.23 0.00	45.74 0.77 0.00	27.71 0.46 0.00	33.15 0.44 0.00	44.19 0.45 0.00	42.98 0.26 0.00	38.07 0.17 0.00	38.89 0.09 0.00
BLISS_WT_PWR 323608	37.34 -1.68 0.00	44.34 -1.78 0.00	38.63 -1.86 0.00	37.96 -1.79 0.00	37.88 -1.70 0.00	20.25 -1.35 26.14	26.52 -2.37 41.67	48.51 -2.82 0.00	25.75 -1.37 3.11	22.29 -0.98 0.28	21.91 -0.91 0.13	19.89 -0.70 0.13	18.69 -0.66 0.12	20.30 -0.69 0.22	22.33 -0.84 0.00	29.44 -1.42 0.00	37.31 -2.31 0.00	42.29 -2.68 0.00	24.46 -1.52 1.27	30.73 -1.99 0.00	39.56 -2.89 1.29	39.26 -2.74 0.71	31.54 -2.19 4.17	32.97 -1.71 4.12
BLUESTONE___WT_PWR 323821	40.57 1.55 0.00	48.17 2.05 0.00	42.13 1.64 0.00	41.29 1.54 0.00	41.19 1.61 0.00	55.53 2.29 -5.49	82.74 3.42 -8.75	53.98 2.65 0.00	32.43 1.56 -0.65	24.79 1.19 -0.06	24.04 1.07 -0.03	21.68 0.93 -0.03	20.31 0.81 -0.03	22.06 0.81 -0.05	24.01 0.83 0.00	32.05 1.19 0.00	41.52 1.90 0.00	47.42 2.46 0.00	29.08 1.56 -0.27	34.19 1.48 0.00	45.40 1.39 -0.27	44.38 1.51 -0.15	40.15 1.37 -0.88	41.18 1.51 -0.87
BLUE_CIRC_CHEM_DRP 24182	39.70 0.68 0.00	46.91 0.80 0.00	41.23 0.74 0.00	40.54 0.79 0.00	40.42 0.84 0.00	48.74 1.00 0.00	71.98 1.42 0.00	52.37 1.04 0.00	30.72 0.50 0.00	23.81 0.27 0.00	23.23 0.28 0.00	20.91 0.19 0.00	19.67 0.19 0.00	21.41 0.21 0.00	23.43 0.25 0.00	31.30 0.44 0.00	40.43 0.82 0.00	46.11 1.14 0.00	28.09 0.84 0.00	33.59 0.87 0.00	44.71 0.97 0.00	43.67 0.95 0.00	38.79 0.88 0.00	39.63 0.83 0.00
BOC_GAS_DRP 24189	39.46 0.44 0.00	46.60 0.48 0.00	40.94 0.46 0.00	40.26 0.51 0.00	40.13 0.55 0.00	48.39 0.65 0.00	71.50 0.93 0.00	52.05 0.71 0.00	30.65 0.43 0.00	23.83 0.29 0.00	23.24 0.30 0.00	20.93 0.21 0.00	19.68 0.20 0.00	21.41 0.21 0.00	23.43 0.26 0.00	31.24 0.37 0.00	40.18 0.57 0.00	45.78 0.82 0.00	27.91 0.66 0.00	33.38 0.66 0.00	44.42 0.68 0.00	43.41 0.69 0.00	38.56 0.66 0.00	39.40 0.60 0.00
BOONVILLE_115KV_TB1 79983	39.70 0.68 0.00	46.90 0.79 0.00	41.17 0.68 0.00	40.40 0.65 0.00	40.22 0.64 0.00	48.60 0.86 0.00	71.88 1.32 0.00	52.37 1.03 0.00	30.79 0.57 0.00	23.90 0.36 0.00	23.22 0.27 0.00	20.94 0.23 0.00	19.67 0.19 0.00	21.44 0.24 0.00	23.41 0.24 0.00	31.26 0.39 0.00	40.39 0.77 0.00	46.15 1.19 0.00	28.01 0.76 0.00	33.55 0.84 0.00	44.73 0.99 0.00	43.58 0.86 0.00	38.63 0.73 0.00	39.48 0.68 0.00
BORALEX_4TH_BRANCH 23824	40.68 1.66 0.00	48.02 1.91 0.00	42.17 1.68 0.00	41.55 1.80 0.00	41.49 1.92 0.00	50.04 2.29 0.00	73.87 3.31 0.00	53.72 2.38 0.00	31.51 1.30 0.00	24.49 0.95 0.00	23.77 0.82 0.00	21.26 0.55 0.00	20.01 0.54 0.00	21.86 0.66 0.00	23.91 0.74 0.00	32.10 1.23 0.00	41.34 1.73 0.00	47.16 2.20 0.00	28.74 1.49 0.00	34.44 1.73 0.00	45.82 2.08 0.00	44.85 2.13 0.00	39.81 1.90 0.00	40.65 1.85 0.00
BOWLINE___1 23526	40.09 1.07 0.00	47.34 1.22 0.00	41.48 0.99 0.00	40.84 1.10 0.00	40.82 1.25 0.00	49.21 1.47 0.00	72.80 2.23 0.00	53.13 1.79 0.00	31.40 1.18 0.00	24.34 0.80 0.00	23.73 0.79 0.00	21.40 0.69 0.00	20.13 0.65 0.00	21.84 0.64 0.00	23.90 0.73 0.00	31.92 1.06 0.00	40.95 1.33 0.00	46.79 1.83 0.00	28.66 1.41 0.00	34.20 1.49 0.00	45.38 1.64 0.00	44.32 1.60 0.00	39.40 1.50 0.00	40.25 1.45 0.00
BOWLINE___2 23595	40.09 1.07 0.00	47.34 1.22 0.00	41.48 0.99 0.00	40.85 1.10 0.00	40.82 1.25 0.00	49.21 1.47 0.00	72.80 2.23 0.00	53.13 1.79 0.00	31.40 1.18 0.00	24.34 0.80 0.00	23.73 0.79 0.00	21.40 0.69 0.00	20.13 0.65 0.00	21.84 0.64 0.00	23.90 0.73 0.00	31.92 1.06 0.00	40.95 1.33 0.00	46.80 1.83 0.00	28.66 1.41 0.00	34.20 1.49 0.00	45.38 1.64 0.00	44.32 1.60 0.00	39.40 1.50 0.00	40.25 1.45 0.00
BRADY___115KV_TB2 356060	40.16 1.14 0.00	47.55 1.43 0.00	42.05 1.56 0.00	41.28 1.53 0.00	40.99 1.42 0.00	49.36 1.62 0.00	72.55 1.99 0.00	52.80 1.47 0.00	30.99 0.77 0.00	24.32 0.78 0.00	23.72 0.78 0.00	21.42 0.70 0.00	20.10 0.62 0.00	21.91 0.71 0.00	24.02 0.85 0.00	32.03 1.17 0.00	40.90 1.28 0.00	46.13 1.16 0.00	27.64 0.38 0.00	33.32 0.61 0.00	44.85 1.11 0.00	43.83 1.11 0.00	38.86 0.95 0.00	39.92 1.12 0.00
BRANSCOMB___SOLAR 323811	40.45 1.43 0.00	47.77 1.65 0.00	41.92 1.44 0.00	41.24 1.50 0.00	41.13 1.55 0.00	49.60 1.86 0.00	73.31 2.75 0.00	53.36 2.02 0.00	31.27 1.05 0.00	24.25 0.70 0.00	23.55 0.61 0.00	21.12 0.40 0.00	19.87 0.39 0.00	21.64 0.44 0.00	23.73 0.56 0.00	31.90 1.04 0.00	41.34 1.73 0.00	47.20 2.24 0.00	28.79 1.54 0.00	34.44 1.73 0.00	45.78 2.04 0.00	44.68 1.96 0.00	39.59 1.69 0.00	40.41 1.61 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	41.41 2.39 0.00	49.09 2.97 0.00	43.07 2.59 0.00	42.44 2.69 0.00	42.43 2.85 0.00	51.11 3.37 0.00	75.20 4.64 0.00	58.80 3.66 -3.80	32.41 2.19 0.00	25.10 1.56 0.00	24.53 1.59 0.00	22.14 1.42 0.00	20.79 1.31 0.00	22.54 1.34 0.00	25.83 1.67 -0.99	46.38 2.31 -13.21	107.57 3.04 -64.92	51.59 3.72 -2.91	53.15 2.56 -23.34	36.60 2.96 -0.93	47.22 3.48 0.00	46.00 3.28 0.00	44.36 3.14 -3.31	41.85 3.05 0.00

BRISTLHL_115KV_TB1 79998	37.83 -1.19 0.00	44.69 -1.42 0.00	39.15 -1.34 0.00	38.34 -1.42 0.00	38.19 -1.39 0.00	46.13 -1.62 0.00	68.22 -2.35 0.00	49.57 -1.77 0.00	29.21 -1.01 0.00	22.73 -0.81 0.00	22.16 -0.79 0.00	20.06 -0.66 0.00	18.87 -0.62 0.00	20.51 -0.69 0.00	22.39 -0.78 0.00	29.77 -1.10 0.00	38.28 -1.34 0.00	43.62 -1.34 0.00	26.52 -0.73 0.00	31.77 -0.95 0.00	42.29 -1.44 0.00	41.24 -1.48 0.00	36.57 -1.33 0.00	37.43 -1.37 0.00
BROOKHAVEN___DRP 24191	41.04 2.02 0.00	48.85 2.74 0.00	42.86 2.37 0.00	42.28 2.53 0.00	42.29 2.71 0.00	51.04 3.30 0.00	75.13 4.57 0.00	58.75 3.61 -3.80	32.14 1.92 0.00	24.87 1.33 0.00	24.42 1.47 0.00	22.08 1.36 0.00	20.72 1.24 0.00	22.48 1.28 0.00	25.76 1.61 -0.99	46.29 2.21 -13.21	107.47 2.94 -64.92	51.42 3.55 -2.91	53.01 2.43 -23.34	36.42 2.78 -0.93	46.92 3.18 0.00	45.57 2.85 0.00	44.13 2.92 -3.31	41.71 2.91 0.00
BROOKLYN_NAVY_YARD 23515	40.33 1.31 0.00	47.53 1.42 0.00	41.71 1.22 0.00	41.13 1.38 0.00	41.16 1.58 0.00	49.54 1.79 0.00	73.30 2.74 0.00	53.56 2.23 0.00	31.70 1.48 0.00	24.57 1.03 0.00	24.02 1.07 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.10 0.90 0.00	24.15 0.98 0.00	32.24 1.38 0.00	41.34 1.72 0.00	47.23 2.26 0.00	28.99 1.74 0.00	34.56 1.85 0.00	45.75 2.02 0.00	44.73 2.02 0.00	39.79 1.89 0.00	40.62 1.82 0.00
BROOKLYN___ARMY_DRP 323595	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.71 0.00	41.51 1.94 0.00	49.95 2.21 0.00	73.84 3.28 0.00	54.03 2.70 0.00	31.98 1.76 0.00	24.81 1.27 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.56 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.24 0.00	53.30 2.23 -8.35	56.69 2.09 -16.70	40.83 2.03 0.00
BROOKVLE_69_KV_TB1 55790	41.16 2.14 0.00	48.69 2.57 0.00	42.67 2.18 0.00	42.05 2.29 0.00	42.02 2.45 0.00	50.62 2.87 0.00	74.52 3.95 0.00	58.23 3.09 -3.80	32.23 2.01 0.00	24.97 1.43 0.00	24.38 1.44 0.00	22.01 1.29 0.00	20.69 1.21 0.00	22.46 1.26 0.00	25.66 1.50 -0.99	46.15 2.08 -13.21	107.17 2.64 -64.92	50.95 3.08 -2.91	52.86 2.27 -23.34	36.15 2.51 -0.93	46.68 2.95 0.00	45.68 2.96 0.00	44.00 2.78 -3.31	41.51 2.71 0.00
BROOME_2_LFGE 323671	38.63 -0.39 0.00	45.68 -0.43 0.00	40.00 -0.49 0.00	39.27 -0.48 0.00	39.16 -0.41 0.00	54.15 -0.47 -6.88	80.89 -0.64 -10.96	50.93 -0.40 0.00	30.80 -0.24 -0.82	23.38 -0.23 -0.07	22.73 -0.25 -0.03	20.53 -0.22 -0.03	19.28 -0.23 -0.03	20.99 -0.27 -0.06	22.87 -0.30 0.00	30.47 -0.40 0.00	39.18 -0.43 0.00	44.71 -0.25 0.00	27.57 -0.02 -0.33	32.64 -0.07 0.00	43.66 -0.42 -0.34	42.44 -0.47 -0.19	38.65 -0.35 -1.10	39.54 -0.34 -1.09
BROOME___LFGE 323600	38.63 -0.39 0.00	45.68 -0.43 0.00	40.00 -0.49 0.00	39.27 -0.48 0.00	39.16 -0.41 0.00	54.15 -0.47 -6.88	80.89 -0.64 -10.96	50.93 -0.40 0.00	30.80 -0.24 -0.82	23.38 -0.23 -0.07	22.73 -0.25 -0.03	20.53 -0.22 -0.03	19.28 -0.23 -0.03	20.99 -0.27 -0.06	22.87 -0.30 0.00	30.47 -0.40 0.00	39.18 -0.43 0.00	44.71 -0.25 0.00	27.57 -0.02 -0.33	32.64 -0.07 0.00	43.66 -0.42 -0.34	42.44 -0.47 -0.19	38.65 -0.35 -1.10	39.54 -0.34 -1.09
BROWNFLS_115KV_TB_3_5 80003	39.16 0.14 0.00	46.32 0.20 0.00	40.86 0.37 0.00	40.09 0.35 0.00	39.83 0.26 0.00	47.95 0.21 0.00	70.52 -0.05 0.00	51.38 0.05 0.00	30.15 -0.07 0.00	23.54 0.00 0.00	22.88 -0.06 0.00	20.64 -0.08 0.00	19.40 -0.07 0.00	21.17 -0.03 0.00	23.16 -0.01 0.00	30.94 0.07 0.00	39.76 0.14 0.00	45.17 0.20 0.00	27.20 -0.05 0.00	32.67 -0.04 0.00	43.79 0.05 0.00	42.72 0.00 0.00	37.92 0.02 0.00	38.92 0.12 0.00
BROWNSV1_27_KV_LOAD 356125	40.72 1.70 0.00	48.02 1.90 0.00	42.11 1.62 0.00	41.50 1.74 0.00	41.52 1.94 0.00	49.98 2.24 0.00	73.88 3.32 0.00	54.01 2.68 0.00	32.01 1.79 0.00	24.83 1.29 0.00	24.25 1.31 0.00	21.91 1.19 0.00	20.60 1.12 0.00	22.33 1.13 0.00	24.40 1.23 0.00	32.59 1.72 0.00	41.78 2.17 0.00	47.69 2.73 0.00	29.28 2.03 0.00	34.91 2.20 0.00	46.23 2.49 0.00	45.18 2.46 0.00	40.20 2.29 0.00	41.01 2.21 0.00
BURROWS___LYONSDAL 23803	39.63 0.61 0.00	46.81 0.70 0.00	41.10 0.61 0.00	40.34 0.59 0.00	40.14 0.56 0.00	48.49 0.75 0.00	71.73 1.16 0.00	52.25 0.92 0.00	30.71 0.48 0.00	23.83 0.29 0.00	23.14 0.19 0.00	20.87 0.15 0.00	19.61 0.13 0.00	21.38 0.18 0.00	23.35 0.17 0.00	31.19 0.32 0.00	40.32 0.70 0.00	46.07 1.11 0.00	27.94 0.69 0.00	33.46 0.75 0.00	44.63 0.90 0.00	43.48 0.76 0.00	38.54 0.63 0.00	39.41 0.61 0.00
CAITHNESS_CC_1 323624	41.02 2.00 0.00	48.76 2.65 0.00	42.80 2.31 0.00	42.20 2.45 0.00	42.20 2.62 0.00	50.90 3.15 0.00	75.02 4.45 0.00	58.61 3.47 -3.80	32.10 1.88 0.00	24.86 1.32 0.00	24.39 1.44 0.00	22.04 1.32 0.00	20.69 1.21 0.00	22.44 1.24 0.00	25.71 1.55 -0.99	46.20 2.13 -13.21	107.36 2.83 -64.92	51.32 3.45 -2.91	52.97 2.38 -23.34	36.35 2.70 -0.93	46.83 3.09 0.00	45.53 2.81 0.00	44.05 2.84 -3.31	41.63 2.83 0.00
CALPINE BETH_PAGE_GT4 24209	40.93 1.90 0.00	48.43 2.31 0.00	42.47 1.98 0.00	41.85 2.10 0.00	41.81 2.24 0.00	50.36 2.61 0.00	74.09 3.52 0.00	57.94 2.81 -3.80	32.05 1.83 0.00	24.81 1.27 0.00	24.23 1.28 0.00	21.86 1.15 0.00	20.56 1.08 0.00	22.30 1.10 0.00	25.53 1.36 -0.99	45.97 1.89 -13.21	106.95 2.42 -64.92	50.89 3.02 -2.91	52.80 2.21 -23.34	36.09 2.45 -0.93	46.57 2.83 0.00	45.41 2.69 0.00	43.78 2.56 -3.31	41.28 2.48 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.93 1.90 0.00	48.43 2.31 0.00	42.47 1.98 0.00	41.84 2.09 0.00	41.81 2.24 0.00	50.34 2.59 0.00	74.16 3.59 0.00	57.94 2.81 -3.80	32.04 1.83 0.00	24.81 1.27 0.00	24.23 1.28 0.00	21.86 1.14 0.00	20.56 1.08 0.00	22.30 1.10 0.00	25.52 1.36 -0.99	45.96 1.89 -13.21	106.95 2.42 -64.92	50.89 3.01 -2.91	52.80 2.21 -23.34	36.09 2.45 -0.93	46.57 2.83 0.00	45.42 2.69 0.00	43.77 2.55 -3.31	41.28 2.48 0.00
CALPINE_BP_GT1 23823	40.93 1.90 0.00	48.43 2.31 0.00	42.47 1.98 0.00	41.84 2.09 0.00	41.81 2.24 0.00	50.34 2.59 0.00	74.16 3.59 0.00	57.94 2.81 -3.80	32.04 1.83 0.00	24.81 1.27 0.00	24.23 1.28 0.00	21.86 1.14 0.00	20.56 1.08 0.00	22.30 1.10 0.00	25.52 1.36 -0.99	45.96 1.89 -13.21	106.95 2.42 -64.92	50.89 3.01 -2.91	52.80 2.21 -23.34	36.09 2.45 -0.93	46.57 2.83 0.00	45.42 2.69 0.00	43.77 2.55 -3.31	41.28 2.48 0.00
CALSPAN___DRP 24200	36.27 -2.76 0.00	43.06 -3.05 0.00	37.56 -2.93 0.00	36.86 -2.89 0.00	36.80 -2.78 0.00	45.08 -2.67 0.00	66.48 -4.08 0.00	47.03 -4.30 0.00	27.83 -2.39 0.00	21.82 -1.72 0.00	21.31 -1.64 0.00	19.41 -1.31 0.00	18.28 -1.20 0.00	19.99 -1.21 0.00	21.78 -1.40 0.00	28.74 -2.13 0.00	36.28 -3.34 0.00	41.16 -3.81 0.00	25.02 -2.23 0.00	29.87 -2.84 0.00	39.62 -4.12 0.00	38.77 -3.95 0.00	34.52 -3.39 0.00	35.91 -2.89 0.00

CALVERTON___SOLAR 323806	41.10 2.08 0.00	48.95 2.83 0.00	42.97 2.48 0.00	42.37 2.62 0.00	42.39 2.81 0.00	51.16 3.42 0.00	75.44 4.88 0.00	58.91 3.78 -3.80	32.18 1.96 0.00	24.89 1.35 0.00	24.46 1.52 0.00	22.11 1.40 0.00	20.75 1.27 0.00	22.52 1.32 0.00	25.81 1.65 -0.99	46.38 2.30 -13.21	107.61 3.08 -64.92	51.57 3.70 -2.91	53.09 2.50 -23.34	36.51 2.87 -0.93	47.01 3.27 0.00	45.64 2.92 0.00	44.21 2.99 -3.31	41.81 3.01 0.00
CANDIGU_WT_PWR 323617	38.53 -0.49 0.00	45.65 -0.46 0.00	39.89 -0.60 0.00	39.19 -0.57 0.00	39.11 -0.46 0.00	66.46 -0.58 -19.30	100.56 -0.77 -30.76	50.98 -0.35 0.00	32.29 -0.23 -2.29	23.44 -0.30 -0.21	22.64 -0.40 -0.09	20.43 -0.38 -0.10	19.14 -0.43 -0.09	20.89 -0.47 -0.16	22.61 -0.56 0.00	30.08 -0.78 0.00	38.86 -0.76 0.00	44.55 -0.42 0.00	28.05 -0.14 -0.94	32.46 -0.25 0.00	43.96 -0.73 -0.95	42.54 -0.71 -0.53	40.52 -0.46 -3.08	41.35 -0.49 -3.04
CARR STREET_E_SYR 24060	37.93 -1.09 0.00	44.82 -1.30 0.00	39.25 -1.24 0.00	38.47 -1.29 0.00	38.32 -1.26 0.00	46.29 -1.45 0.00	68.43 -2.14 0.00	49.73 -1.60 0.00	29.38 -0.84 0.00	22.89 -0.65 0.00	22.29 -0.66 0.00	20.18 -0.54 0.00	18.97 -0.51 0.00	20.63 -0.57 0.00	22.52 -0.65 0.00	29.93 -0.93 0.00	38.37 -1.24 0.00	43.73 -1.24 0.00	26.61 -0.65 0.00	31.87 -0.85 0.00	42.40 -1.34 0.00	41.37 -1.35 0.00	36.69 -1.21 0.00	37.55 -1.25 0.00
CARTHAGE___PAPER 23857	39.55 0.53 0.00	46.73 0.61 0.00	41.04 0.55 0.00	40.26 0.51 0.00	40.03 0.46 0.00	48.35 0.60 0.00	71.46 0.90 0.00	52.07 0.74 0.00	30.54 0.32 0.00	23.68 0.14 0.00	22.93 -0.01 0.00	20.66 -0.06 0.00	19.48 0.00 0.00	21.27 0.07 0.00	23.26 0.09 0.00	31.12 0.25 0.00	40.30 0.68 0.00	46.13 1.17 0.00	27.90 0.65 0.00	33.40 0.69 0.00	44.58 0.85 0.00	43.39 0.67 0.00	38.43 0.53 0.00	39.30 0.50 0.00
CASSADAGA_WT_PWR 323784	37.47 -1.55 0.00	44.47 -1.65 0.00	38.74 -1.75 0.00	38.07 -1.68 0.00	38.05 -1.52 0.00	20.80 -1.19 25.76	27.48 -2.04 41.05	48.91 -2.42 0.00	25.89 -1.27 3.06	22.36 -0.90 0.28	21.97 -0.84 0.13	19.95 -0.64 0.13	18.73 -0.63 0.12	20.38 -0.61 0.21	22.43 -0.74 0.00	29.59 -1.28 0.00	37.48 -2.14 0.00	42.67 -2.29 0.00	24.76 -1.24 1.25	31.06 -1.65 0.00	39.80 -2.67 1.27	39.43 -2.59 0.70	31.75 -2.04 4.11	33.16 -1.57 4.06
CE_DUNWOOD___DRP 24194	40.30 1.28 0.00	47.57 1.45 0.00	41.69 1.20 0.00	41.06 1.31 0.00	41.05 1.47 0.00	49.47 1.73 0.00	73.10 2.53 0.00	53.39 2.05 0.00	31.58 1.35 0.00	24.49 0.95 0.00	23.89 0.94 0.00	21.54 0.83 0.00	20.27 0.79 0.00	21.98 0.78 0.00	24.06 0.89 0.00	32.13 1.26 0.00	41.22 1.60 0.00	47.09 2.13 0.00	28.86 1.61 0.00	34.43 1.72 0.00	45.65 1.91 0.00	44.59 1.87 0.00	39.66 1.76 0.00	40.49 1.69 0.00
CE_MILLWOOD___DRP 24193	40.27 1.25 0.00	47.54 1.42 0.00	41.66 1.17 0.00	41.03 1.29 0.00	41.02 1.44 0.00	49.43 1.69 0.00	73.05 2.49 0.00	53.35 2.02 0.00	31.54 1.33 0.00	24.46 0.92 0.00	23.86 0.91 0.00	21.52 0.81 0.00	20.24 0.76 0.00	21.96 0.75 0.00	24.03 0.86 0.00	32.10 1.23 0.00	41.18 1.57 0.00	47.06 2.09 0.00	28.83 1.58 0.00	34.41 1.69 0.00	45.62 1.88 0.00	44.55 1.83 0.00	39.63 1.72 0.00	40.45 1.65 0.00
CE_NYC2_DRP 24202	40.37 1.35 0.00	47.64 1.53 0.00	41.85 1.36 0.00	41.24 1.49 0.00	41.26 1.68 0.00	49.67 1.92 0.00	73.44 2.88 0.00	53.71 2.38 0.00	31.80 1.58 0.00	24.67 1.12 0.00	24.10 1.15 0.00	21.73 1.02 0.00	20.46 0.98 0.00	22.17 0.97 0.00	24.21 1.04 0.00	32.28 1.42 0.00	41.39 1.77 0.00	47.26 2.30 0.00	29.00 1.75 0.00	34.56 1.85 0.00	45.80 2.06 0.00	44.77 2.05 0.00	39.84 1.93 0.00	40.67 1.87 0.00
CE_NYC_DRP 24195	40.37 1.35 0.00	47.60 1.49 0.00	41.75 1.26 0.00	41.17 1.42 0.00	41.18 1.60 0.00	49.57 1.83 0.00	73.27 2.70 0.00	53.58 2.25 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.04 1.10 0.00	21.71 1.00 0.00	20.43 0.94 0.00	22.13 0.93 0.00	24.19 1.01 0.00	32.29 1.43 0.00	41.40 1.78 0.00	47.26 2.30 0.00	29.00 1.75 0.00	34.59 1.87 0.00	45.79 2.06 0.00	44.76 2.04 0.00	39.84 1.93 0.00	40.66 1.86 0.00
CHAFFEE___LFGE 323603	36.34 -2.68 0.00	43.15 -2.97 0.00	37.63 -2.86 0.00	36.95 -2.80 0.00	36.88 -2.69 0.00	20.71 -2.46 24.57	27.38 -4.02 39.16	47.17 -4.16 0.00	25.03 -2.27 2.92	21.62 -1.65 0.26	21.26 -1.57 0.12	19.34 -1.26 0.12	18.20 -1.16 0.12	19.82 -1.17 0.20	21.82 -1.35 0.00	28.80 -2.07 0.00	36.37 -3.24 0.00	41.27 -3.69 0.00	23.92 -2.13 1.19	29.97 -2.74 0.00	38.55 -3.98 1.21	38.21 -3.84 0.67	30.73 -3.25 3.92	32.12 -2.80 3.88
CHATEAUG_35_KV_LOAD 355732	41.16 2.13 0.00	48.59 2.47 0.00	42.91 2.42 0.00	42.13 2.38 0.00	41.82 2.25 0.00	50.04 2.30 0.00	73.62 3.05 0.00	53.67 2.34 0.00	31.52 1.30 0.00	24.72 1.18 0.00	24.01 1.06 0.00	21.59 0.87 0.00	20.30 0.82 0.00	22.23 1.03 0.00	24.33 1.16 0.00	32.48 1.62 0.00	41.50 1.88 0.00	47.07 2.10 0.00	28.26 1.01 0.00	34.02 1.30 0.00	45.65 1.91 0.00	44.62 1.90 0.00	39.51 1.61 0.00	40.74 1.94 0.00
CHATEAUG_WT_PWR 323614	41.08 2.05 0.00	48.46 2.34 0.00	42.79 2.30 0.00	42.05 2.30 0.00	41.75 2.17 0.00	49.90 2.16 0.00	73.29 2.73 0.00	53.45 2.11 0.00	31.39 1.17 0.00	24.65 1.11 0.00	23.93 0.99 0.00	21.52 0.81 0.00	20.23 0.75 0.00	22.17 0.97 0.00	24.28 1.11 0.00	32.42 1.55 0.00	41.36 1.75 0.00	46.92 1.95 0.00	28.18 0.93 0.00	33.92 1.20 0.00	45.48 1.74 0.00	44.46 1.74 0.00	39.39 1.48 0.00	40.64 1.84 0.00
CHAT_HIGH_FALL_HYD 323578	41.16 2.13 0.00	48.59 2.47 0.00	42.91 2.42 0.00	42.13 2.38 0.00	41.82 2.25 0.00	50.04 2.30 0.00	73.62 3.05 0.00	53.67 2.34 0.00	31.52 1.30 0.00	24.72 1.18 0.00	24.01 1.06 0.00	21.59 0.87 0.00	20.30 0.82 0.00	22.23 1.03 0.00	24.33 1.16 0.00	32.48 1.62 0.00	41.50 1.88 0.00	47.07 2.10 0.00	28.26 1.01 0.00	34.02 1.30 0.00	45.65 1.91 0.00	44.62 1.90 0.00	39.51 1.61 0.00	40.74 1.94 0.00
CHAUTAUQUA___LFGE 323629	36.75 -2.27 0.00	43.62 -2.49 0.00	38.02 -2.47 0.00	37.35 -2.40 0.00	37.35 -2.23 0.00	20.20 -2.04 25.50	26.61 -3.31 40.65	47.94 -3.40 0.00	25.29 -1.90 3.03	21.87 -1.40 0.27	21.50 -1.32 0.13	19.53 -1.06 0.13	18.35 -1.01 0.12	19.99 -1.00 0.21	22.01 -1.16 0.00	29.08 -1.79 0.00	36.78 -2.83 0.00	41.88 -3.08 0.00	24.27 -1.74 1.24	30.48 -2.23 0.00	39.08 -3.40 1.26	38.72 -3.31 0.70	31.09 -2.74 4.07	32.44 -2.34 4.02
CHERRYST_13_KV_LD 356241	40.47 1.45 0.00	47.72 1.60 0.00	41.85 1.36 0.00	41.26 1.51 0.00	41.29 1.71 0.00	49.69 1.95 0.00	73.46 2.90 0.00	53.70 2.37 0.00	31.82 1.60 0.00	24.68 1.14 0.00	24.11 1.17 0.00	21.78 1.06 0.00	20.49 1.01 0.00	22.20 0.99 0.00	24.26 1.09 0.00	32.38 1.52 0.00	41.51 1.89 0.00	47.39 2.43 0.00	29.08 1.83 0.00	34.68 1.96 0.00	45.90 2.16 0.00	44.87 2.15 0.00	39.94 2.03 0.00	40.75 1.95 0.00

CHESTROR_138KV_BK263 355645	39.99 0.97 0.00	47.20 1.09 0.00	41.37 0.89 0.00	40.73 0.98 0.00	40.68 1.11 0.00	49.07 1.32 0.00	72.54 1.97 0.00	52.94 1.61 0.00	31.26 1.04 0.00	24.24 0.69 0.00	23.60 0.66 0.00	21.28 0.57 0.00	20.01 0.53 0.00	21.71 0.51 0.00	23.77 0.60 0.00	31.76 0.89 0.00	40.79 1.17 0.00	46.62 1.66 0.00	28.53 1.27 0.00	34.06 1.35 0.00	45.22 1.48 0.00	44.15 1.43 0.00	39.24 1.34 0.00	40.08 1.28 0.00
CH_MIDHUDSON___DRP 24192	40.37 1.35 0.00	47.65 1.53 0.00	41.78 1.29 0.00	41.16 1.41 0.00	41.10 1.53 0.00	49.56 1.81 0.00	73.28 2.72 0.00	53.47 2.13 0.00	31.57 1.35 0.00	24.50 0.96 0.00	23.86 0.92 0.00	21.49 0.77 0.00	20.20 0.72 0.00	21.92 0.72 0.00	24.02 0.84 0.00	32.10 1.24 0.00	41.26 1.65 0.00	47.16 2.20 0.00	28.87 1.62 0.00	34.47 1.75 0.00	45.69 1.95 0.00	44.62 1.89 0.00	39.68 1.77 0.00	40.48 1.68 0.00
CH_MISC_IPPS 23765	40.57 1.55 0.00	47.87 1.75 0.00	41.97 1.48 0.00	41.33 1.58 0.00	41.28 1.70 0.00	49.78 2.04 0.00	73.68 3.11 0.00	53.74 2.41 0.00	31.73 1.51 0.00	24.60 1.06 0.00	23.96 1.02 0.00	21.59 0.87 0.00	20.29 0.81 0.00	22.02 0.82 0.00	24.13 0.95 0.00	32.26 1.39 0.00	41.49 1.87 0.00	47.45 2.49 0.00	29.04 1.79 0.00	34.67 1.96 0.00	45.96 2.23 0.00	44.87 2.15 0.00	39.88 1.98 0.00	40.69 1.89 0.00
CH_RES_BVR_FALLS 23983	39.30 0.27 0.00	46.47 0.35 0.00	40.89 0.40 0.00	40.14 0.39 0.00	39.91 0.34 0.00	48.11 0.36 0.00	71.05 0.48 0.00	51.70 0.36 0.00	30.39 0.17 0.00	23.74 0.20 0.00	23.15 0.20 0.00	20.91 0.19 0.00	19.65 0.17 0.00	21.42 0.21 0.00	23.42 0.25 0.00	31.18 0.32 0.00	39.94 0.32 0.00	45.14 0.18 0.00	27.20 -0.05 0.00	32.74 0.02 0.00	43.95 0.21 0.00	42.97 0.25 0.00	38.08 0.18 0.00	39.04 0.24 0.00
CH_RES_NIAGARA 23895	34.98 -4.04 0.00	41.58 -4.54 0.00	36.31 -4.18 0.00	35.64 -4.11 0.00	35.54 -4.04 0.00	23.76 -3.90 20.08	32.31 -6.26 32.00	45.22 -6.11 0.00	24.40 -3.43 2.39	20.68 -2.65 0.22	20.34 -2.51 0.10	18.55 -2.07 0.10	17.49 -1.90 0.09	19.11 -1.92 0.17	20.97 -2.21 0.00	27.63 -3.24 0.00	34.71 -4.91 0.00	39.30 -5.67 0.00	22.97 -3.31 0.97	28.47 -4.25 0.00	36.87 -5.88 0.99	36.49 -5.69 0.55	30.01 -4.69 3.21	31.45 -4.19 3.17
CH_RES_SYRACUSE 23985	38.42 -0.60 0.00	45.39 -0.73 0.00	39.73 -0.76 0.00	38.95 -0.80 0.00	38.80 -0.77 0.00	46.88 -0.86 0.00	69.29 -1.28 0.00	50.39 -0.95 0.00	29.68 -0.54 0.00	23.10 -0.44 0.00	22.51 -0.44 0.00	20.36 -0.36 0.00	19.14 -0.34 0.00	20.82 -0.38 0.00	22.72 -0.45 0.00	30.26 -0.61 0.00	38.87 -0.75 0.00	44.31 -0.66 0.00	26.96 -0.29 0.00	32.27 -0.44 0.00	42.94 -0.80 0.00	41.93 -0.79 0.00	37.18 -0.73 0.00	38.04 -0.76 0.00
CLINTON_WT_PWR 323605	41.08 2.05 0.00	48.46 2.34 0.00	42.79 2.30 0.00	42.05 2.30 0.00	41.75 2.17 0.00	49.90 2.16 0.00	73.29 2.73 0.00	53.45 2.11 0.00	31.39 1.17 0.00	24.65 1.11 0.00	23.93 0.99 0.00	21.52 0.81 0.00	20.23 0.75 0.00	22.17 0.97 0.00	24.28 1.11 0.00	32.42 1.55 0.00	41.36 1.75 0.00	46.92 1.95 0.00	28.18 0.93 0.00	33.92 1.20 0.00	45.48 1.74 0.00	44.46 1.74 0.00	39.39 1.48 0.00	40.64 1.84 0.00
CLINTON___LFGE 323618	41.75 2.73 0.00	49.22 3.10 0.00	43.48 2.99 0.00	42.73 2.98 0.00	42.42 2.84 0.00	50.60 2.86 0.00	74.27 3.70 0.00	54.21 2.88 0.00	31.84 1.61 0.00	25.00 1.46 0.00	24.23 1.28 0.00	21.76 1.05 0.00	20.45 0.97 0.00	22.46 1.26 0.00	24.58 1.41 0.00	32.88 2.01 0.00	41.95 2.33 0.00	47.70 2.74 0.00	28.69 1.43 0.00	34.49 1.78 0.00	46.16 2.42 0.00	45.10 2.38 0.00	39.95 2.05 0.00	41.29 2.49 0.00
COBBLENY_34_KV_TB1 80064	36.35 -2.68 0.00	43.15 -2.96 0.00	37.64 -2.85 0.00	36.95 -2.80 0.00	36.89 -2.69 0.00	45.20 -2.55 0.00	66.67 -3.90 0.00	47.18 -4.16 0.00	27.94 -2.29 0.00	21.90 -1.64 0.00	21.38 -1.57 0.00	19.46 -1.26 0.00	18.32 -1.16 0.00	20.03 -1.17 0.00	21.82 -1.35 0.00	28.80 -2.06 0.00	36.38 -3.24 0.00	41.27 -3.69 0.00	25.11 -2.15 0.00	29.97 -2.75 0.00	39.76 -3.98 0.00	38.88 -3.84 0.00	34.63 -3.28 0.00	36.02 -2.78 0.00
COFFEEN___115KV_TB3 355620	39.30 0.27 0.00	46.39 0.27 0.00	40.69 0.20 0.00	39.90 0.15 0.00	39.67 0.09 0.00	47.96 0.22 0.00	70.98 0.42 0.00	51.72 0.38 0.00	30.34 0.12 0.00	23.48 -0.07 0.00	22.67 -0.28 0.00	20.48 -0.24 0.00	19.32 -0.16 0.00	21.11 -0.09 0.00	23.04 -0.13 0.00	30.80 -0.07 0.00	40.00 0.38 0.00	46.00 1.04 0.00	27.89 0.64 0.00	33.35 0.64 0.00	44.44 0.71 0.00	43.20 0.48 0.00	38.24 0.33 0.00	39.05 0.24 0.00
COLDSPRG_115KV_BK1 355956	37.97 -1.05 0.00	45.04 -1.08 0.00	39.22 -1.28 0.00	38.52 -1.23 0.00	38.47 -1.11 0.00	46.94 -0.80 0.00	69.29 -1.28 0.00	49.39 -1.94 0.00	29.36 -0.86 0.00	22.98 -0.56 0.00	22.43 -0.51 0.00	20.37 -0.35 0.00	19.13 -0.34 0.00	20.84 -0.36 0.00	22.69 -0.48 0.00	29.91 -0.95 0.00	37.98 -1.64 0.00	43.20 -1.76 0.00	26.36 -0.89 0.00	31.47 -1.24 0.00	41.66 -2.08 0.00	40.69 -2.04 0.00	36.37 -1.54 0.00	37.79 -1.01 0.00
COLONIE_LFGE___ 323577	40.05 1.02 0.00	47.28 1.16 0.00	41.52 1.03 0.00	40.86 1.11 0.00	40.74 1.17 0.00	49.14 1.39 0.00	72.61 2.04 0.00	52.80 1.46 0.00	31.03 0.81 0.00	24.12 0.58 0.00	23.47 0.52 0.00	21.07 0.35 0.00	19.83 0.35 0.00	21.60 0.40 0.00	23.65 0.48 0.00	31.65 0.79 0.00	40.81 1.20 0.00	46.53 1.56 0.00	28.36 1.11 0.00	33.94 1.22 0.00	45.15 1.41 0.00	44.13 1.41 0.00	39.15 1.25 0.00	39.99 1.19 0.00
COOPERNY_115KV_TB1 80082	39.68 0.66 0.00	46.88 0.76 0.00	41.10 0.61 0.00	40.43 0.69 0.00	40.37 0.79 0.00	48.68 0.93 0.00	71.96 1.39 0.00	52.49 1.16 0.00	30.97 0.75 0.00	24.04 0.49 0.00	23.42 0.47 0.00	21.12 0.40 0.00	19.86 0.38 0.00	21.56 0.36 0.00	23.58 0.41 0.00	31.48 0.61 0.00	40.43 0.81 0.00	46.15 1.19 0.00	28.18 0.93 0.00	33.69 0.98 0.00	44.78 1.04 0.00	43.72 1.00 0.00	38.86 0.95 0.00	39.70 0.90 0.00
COPENHAGEN_WT_PWR 323753	39.02 0.00 0.00	46.09 -0.03 0.00	40.42 -0.07 0.00	39.64 -0.11 0.00	39.41 -0.17 0.00	47.61 -0.13 0.00	70.40 -0.16 0.00	51.28 -0.06 0.00	30.10 -0.12 0.00	23.32 -0.22 0.00	22.58 -0.36 0.00	20.41 -0.31 0.00	19.23 -0.25 0.00	20.99 -0.21 0.00	22.93 -0.25 0.00	30.63 -0.24 0.00	39.68 0.07 0.00	45.51 0.55 0.00	27.58 0.33 0.00	32.98 0.27 0.00	43.96 0.23 0.00	42.79 0.07 0.00	37.92 0.01 0.00	38.74 -0.07 0.00
CORNELL_____ 23752	39.37 0.35 0.00	46.55 0.43 0.00	40.72 0.23 0.00	39.96 0.21 0.00	39.84 0.27 0.00	48.19 0.45 0.00	71.30 0.74 0.00	51.94 0.60 0.00	30.54 0.32 0.00	23.68 0.14 0.00	22.96 0.02 0.00	20.70 -0.02 0.00	19.43 -0.05 0.00	21.12 -0.08 0.00	23.07 -0.10 0.00	30.82 -0.04 0.00	39.81 0.20 0.00	45.63 0.67 0.00	27.82 0.57 0.00	33.29 0.58 0.00	44.22 0.48 0.00	43.13 0.41 0.00	38.24 0.34 0.00	39.10 0.30 0.00

CORONA V_69_KV_TB1 355595	40.99 1.96 0.00	48.46 2.35 0.00	42.50 2.01 0.00	41.89 2.14 0.00	41.85 2.28 0.00	50.38 2.64 0.00	74.01 3.44 0.00	57.79 2.65 -3.80	32.07 1.85 0.00	24.85 1.32 0.00	24.27 1.33 0.00	21.92 1.20 0.00	20.64 1.16 0.00	22.39 1.19 0.00	25.57 1.41 -0.99	46.00 1.93 -13.21	106.95 2.42 -64.92	50.83 2.95 -2.91	52.79 2.20 -23.34	36.10 2.46 -0.93	46.57 2.84 0.00	45.45 2.72 0.00	43.78 2.56 -3.31	41.29 2.48 0.00
CORTLAND_115KV_TB3 80093	39.00 -0.02 0.00	46.09 -0.02 0.00	40.36 -0.13 0.00	39.60 -0.14 0.00	39.48 -0.10 0.00	47.70 -0.04 0.00	70.57 0.01 0.00	51.39 0.05 0.00	30.25 0.03 0.00	23.47 -0.07 0.00	22.80 -0.14 0.00	20.59 -0.13 0.00	19.34 -0.14 0.00	21.03 -0.17 0.00	22.97 -0.20 0.00	30.63 -0.24 0.00	39.49 -0.12 0.00	45.16 0.20 0.00	27.51 0.26 0.00	32.96 0.24 0.00	43.80 0.06 0.00	42.71 -0.01 0.00	37.89 -0.02 0.00	38.76 -0.04 0.00
COXSACKIE__GT 23611	41.51 2.49 0.00	48.99 2.87 0.00	43.04 2.55 0.00	42.32 2.57 0.00	42.12 2.54 0.00	50.98 3.23 0.00	75.43 4.87 0.00	54.95 3.62 0.00	32.18 1.96 0.00	24.65 1.11 0.00	23.86 0.92 0.00	21.40 0.68 0.00	20.10 0.62 0.00	21.90 0.70 0.00	24.02 0.85 0.00	32.24 1.38 0.00	42.25 2.63 0.00	48.81 3.84 0.00	29.78 2.52 0.00	35.51 2.80 0.00	47.14 3.41 0.00	45.93 3.21 0.00	40.64 2.73 0.00	41.42 2.62 0.00
CPV_VALLEY__CC1 323721	39.69 0.67 0.00	46.87 0.75 0.00	41.09 0.60 0.00	40.44 0.70 0.00	40.39 0.81 0.00	48.70 0.96 0.00	72.02 1.46 0.00	52.53 1.20 0.00	31.02 0.80 0.00	24.07 0.53 0.00	23.45 0.51 0.00	21.16 0.44 0.00	19.89 0.41 0.00	21.59 0.39 0.00	23.63 0.45 0.00	31.54 0.67 0.00	40.49 0.88 0.00	46.25 1.29 0.00	28.28 1.03 0.00	33.78 1.07 0.00	44.86 1.12 0.00	43.80 1.08 0.00	38.94 1.03 0.00	39.77 0.97 0.00
CPV_VALLEY__CC2 323722	39.69 0.67 0.00	46.87 0.75 0.00	41.09 0.60 0.00	40.44 0.70 0.00	40.39 0.81 0.00	48.70 0.96 0.00	72.02 1.46 0.00	52.53 1.20 0.00	31.02 0.80 0.00	24.07 0.53 0.00	23.45 0.51 0.00	21.16 0.44 0.00	19.89 0.41 0.00	21.59 0.39 0.00	23.63 0.45 0.00	31.54 0.67 0.00	40.49 0.88 0.00	46.25 1.29 0.00	28.28 1.03 0.00	33.78 1.07 0.00	44.86 1.12 0.00	43.80 1.08 0.00	38.94 1.03 0.00	39.77 0.97 0.00
CRESCENT__HYD 24018	40.05 1.02 0.00	47.28 1.16 0.00	41.52 1.03 0.00	40.86 1.11 0.00	40.74 1.17 0.00	49.14 1.39 0.00	72.61 2.04 0.00	52.80 1.46 0.00	31.03 0.81 0.00	24.12 0.58 0.00	23.47 0.52 0.00	21.07 0.35 0.00	19.83 0.35 0.00	21.60 0.40 0.00	23.65 0.48 0.00	31.65 0.79 0.00	40.81 1.20 0.00	46.53 1.56 0.00	28.36 1.11 0.00	33.94 1.22 0.00	45.15 1.41 0.00	44.13 1.41 0.00	39.15 1.25 0.00	39.99 1.19 0.00
CRICKET__VALLEY_CC1 323756	40.15 1.13 0.00	47.36 1.25 0.00	41.53 1.04 0.00	40.94 1.19 0.00	40.89 1.31 0.00	49.29 1.55 0.00	72.91 2.34 0.00	53.15 1.82 0.00	31.36 1.14 0.00	24.38 0.84 0.00	23.73 0.79 0.00	21.34 0.62 0.00	20.04 0.56 0.00	21.74 0.54 0.00	23.85 0.67 0.00	31.89 1.03 0.00	40.97 1.35 0.00	46.81 1.84 0.00	28.68 1.43 0.00	34.22 1.51 0.00	45.31 1.58 0.00	44.24 1.52 0.00	39.43 1.53 0.00	40.23 1.43 0.00
CRICKET__VALLEY_CC2 323757	40.15 1.13 0.00	47.36 1.25 0.00	41.53 1.04 0.00	40.94 1.19 0.00	40.89 1.31 0.00	49.29 1.55 0.00	72.91 2.34 0.00	53.15 1.82 0.00	31.36 1.14 0.00	24.38 0.84 0.00	23.73 0.79 0.00	21.34 0.62 0.00	20.04 0.56 0.00	21.74 0.54 0.00	23.85 0.67 0.00	31.89 1.03 0.00	40.97 1.35 0.00	46.81 1.84 0.00	28.68 1.43 0.00	34.22 1.51 0.00	45.31 1.58 0.00	44.24 1.52 0.00	39.43 1.53 0.00	40.23 1.43 0.00
CRICKET__VALLEY_CC3 323758	40.15 1.13 0.00	47.36 1.25 0.00	41.53 1.04 0.00	40.94 1.19 0.00	40.89 1.31 0.00	49.29 1.55 0.00	72.91 2.34 0.00	53.15 1.82 0.00	31.36 1.14 0.00	24.38 0.84 0.00	23.73 0.79 0.00	21.34 0.62 0.00	20.04 0.56 0.00	21.74 0.54 0.00	23.85 0.67 0.00	31.89 1.03 0.00	40.97 1.35 0.00	46.81 1.84 0.00	28.68 1.43 0.00	34.22 1.51 0.00	45.31 1.58 0.00	44.24 1.52 0.00	39.43 1.53 0.00	40.23 1.43 0.00
CRUCIBLE_METL_DRP 24180	38.42 -0.60 0.00	45.39 -0.73 0.00	39.73 -0.76 0.00	38.95 -0.80 0.00	38.80 -0.77 0.00	46.88 -0.87 0.00	69.30 -1.27 0.00	50.39 -0.95 0.00	29.68 -0.54 0.00	23.10 -0.44 0.00	22.51 -0.44 0.00	20.36 -0.36 0.00	19.14 -0.34 0.00	20.82 -0.38 0.00	22.72 -0.45 0.00	30.26 -0.61 0.00	38.87 -0.75 0.00	44.31 -0.66 0.00	26.96 -0.29 0.00	32.27 -0.44 0.00	42.93 -0.80 0.00	41.93 -0.79 0.00	37.18 -0.73 0.00	38.04 -0.76 0.00
DAHOWA__HYDRO 323763	40.55 1.53 0.00	47.88 1.76 0.00	42.03 1.54 0.00	41.35 1.60 0.00	41.23 1.65 0.00	49.73 1.99 0.00	73.50 2.94 0.00	53.48 2.15 0.00	31.34 1.12 0.00	24.31 0.77 0.00	23.61 0.67 0.00	21.16 0.44 0.00	19.90 0.42 0.00	21.67 0.47 0.00	23.78 0.61 0.00	32.01 1.14 0.00	41.51 1.89 0.00	47.39 2.42 0.00	28.91 1.66 0.00	34.59 1.87 0.00	45.97 2.23 0.00	44.83 2.11 0.00	39.71 1.81 0.00	40.52 1.72 0.00
DANC__LFGE 323619	38.54 -0.48 0.00	45.53 -0.59 0.00	39.91 -0.58 0.00	39.12 -0.63 0.00	38.90 -0.67 0.00	46.95 -0.79 0.00	69.44 -1.12 0.00	50.53 -0.80 0.00	29.71 -0.51 0.00	23.07 -0.47 0.00	22.38 -0.56 0.00	20.25 -0.47 0.00	19.08 -0.40 0.00	20.79 -0.41 0.00	22.69 -0.49 0.00	30.25 -0.62 0.00	39.07 -0.55 0.00	44.72 -0.24 0.00	27.14 -0.11 0.00	32.48 -0.23 0.00	43.27 -0.47 0.00	42.16 -0.56 0.00	37.39 -0.51 0.00	38.22 -0.58 0.00
DANSKAMMER__1 23586	40.57 1.55 0.00	47.87 1.75 0.00	41.97 1.48 0.00	41.33 1.58 0.00	41.28 1.70 0.00	49.78 2.04 0.00	73.68 3.11 0.00	53.74 2.41 0.00	31.73 1.51 0.00	24.60 1.06 0.00	23.96 1.02 0.00	21.59 0.87 0.00	20.29 0.81 0.00	22.02 0.82 0.00	24.13 0.95 0.00	32.26 1.39 0.00	41.49 1.87 0.00	47.45 2.49 0.00	29.04 1.79 0.00	34.67 1.96 0.00	45.96 2.23 0.00	44.87 2.15 0.00	39.88 1.98 0.00	40.69 1.89 0.00
DANSKAMMER__2 23589	40.57 1.55 0.00	47.87 1.75 0.00	41.97 1.48 0.00	41.33 1.58 0.00	41.28 1.70 0.00	49.78 2.04 0.00	73.68 3.11 0.00	53.74 2.41 0.00	31.73 1.51 0.00	24.60 1.06 0.00	23.96 1.02 0.00	21.59 0.87 0.00	20.29 0.81 0.00	22.02 0.82 0.00	24.13 0.95 0.00	32.26 1.39 0.00	41.49 1.87 0.00	47.45 2.49 0.00	29.04 1.79 0.00	34.67 1.96 0.00	45.96 2.23 0.00	44.87 2.15 0.00	39.88 1.98 0.00	40.69 1.89 0.00
DANSKAMMER__3 23590	40.57 1.55 0.00	47.87 1.75 0.00	41.97 1.48 0.00	41.33 1.58 0.00	41.28 1.70 0.00	49.78 2.04 0.00	73.68 3.11 0.00	53.74 2.41 0.00	31.73 1.51 0.00	24.60 1.06 0.00	23.96 1.02 0.00	21.59 0.87 0.00	20.29 0.81 0.00	22.02 0.82 0.00	24.13 0.95 0.00	32.26 1.39 0.00	41.49 1.87 0.00	47.45 2.49 0.00	29.04 1.79 0.00	34.67 1.96 0.00	45.96 2.23 0.00	44.87 2.15 0.00	39.88 1.98 0.00	40.69 1.89 0.00

DANSKAMMER___4 23591	40.57 1.55 0.00	47.87 1.75 0.00	41.97 1.48 0.00	41.33 1.58 0.00	41.28 1.70 0.00	49.78 2.04 0.00	73.68 3.11 0.00	53.74 2.41 0.00	31.73 1.51 0.00	24.60 1.06 0.00	23.96 1.02 0.00	21.59 0.87 0.00	20.29 0.81 0.00	22.02 0.82 0.00	24.13 0.95 0.00	32.26 1.39 0.00	41.49 1.87 0.00	47.45 2.49 0.00	29.04 1.79 0.00	34.67 1.96 0.00	45.96 2.23 0.00	44.87 2.15 0.00	39.88 1.98 0.00	40.69 1.89 0.00
DANSKAMMER___DIESEL 23592	40.57 1.55 0.00	47.87 1.76 0.00	41.97 1.48 0.00	41.33 1.58 0.00	41.28 1.70 0.00	49.78 2.04 0.00	73.65 3.08 0.00	53.74 2.41 0.00	31.73 1.51 0.00	24.60 1.06 0.00	23.96 1.02 0.00	21.59 0.87 0.00	20.29 0.81 0.00	22.02 0.82 0.00	24.13 0.95 0.00	32.26 1.39 0.00	41.49 1.87 0.00	47.45 2.49 0.00	29.04 1.79 0.00	34.67 1.96 0.00	45.97 2.23 0.00	44.87 2.15 0.00	39.88 1.98 0.00	40.69 1.89 0.00
DARBY___SOLAR 323810	40.48 1.46 0.00	47.78 1.67 0.00	41.95 1.46 0.00	41.27 1.52 0.00	41.15 1.58 0.00	49.63 1.89 0.00	73.35 2.79 0.00	53.37 2.03 0.00	31.28 1.06 0.00	24.26 0.72 0.00	23.56 0.62 0.00	21.13 0.41 0.00	19.87 0.39 0.00	21.64 0.44 0.00	23.75 0.57 0.00	31.93 1.07 0.00	41.38 1.77 0.00	47.25 2.28 0.00	28.82 1.57 0.00	34.47 1.75 0.00	45.81 2.07 0.00	44.71 1.99 0.00	39.61 1.71 0.00	40.43 1.63 0.00
DASHVILLE___HYD 23610	40.08 1.06 0.00	47.31 1.20 0.00	41.48 0.99 0.00	40.84 1.10 0.00	40.82 1.24 0.00	49.19 1.45 0.00	72.74 2.17 0.00	53.11 1.78 0.00	31.41 1.18 0.00	24.38 0.83 0.00	23.74 0.79 0.00	21.39 0.67 0.00	20.10 0.62 0.00	21.80 0.60 0.00	23.88 0.71 0.00	31.91 1.05 0.00	40.96 1.35 0.00	46.83 1.87 0.00	28.68 1.43 0.00	34.24 1.53 0.00	45.39 1.65 0.00	44.31 1.59 0.00	39.42 1.52 0.00	40.22 1.42 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	41.40 2.37 0.00	49.32 3.20 0.00	43.30 2.81 0.00	42.74 2.99 0.00	42.75 3.18 0.00	51.67 3.92 0.00	76.09 5.53 0.00	59.46 4.32 -3.80	32.51 2.29 0.00	25.12 1.58 0.00	24.66 1.71 0.00	22.35 1.64 0.00	20.96 1.48 0.00	22.75 1.55 0.00	26.13 1.97 -0.99	46.87 2.80 -13.21	108.29 3.76 -64.92	52.38 4.51 -2.91	53.53 2.95 -23.34	36.95 3.31 -0.93	47.47 3.74 0.00	46.00 3.28 0.00	44.53 3.31 -3.31	42.12 3.32 0.00
DELAWARE___LFGE 323621	39.86 0.84 0.00	47.11 0.99 0.00	41.36 0.88 0.00	40.62 0.88 0.00	40.48 0.90 0.00	48.87 1.12 0.00	72.27 1.71 0.00	52.66 1.32 0.00	31.05 0.82 0.00	24.13 0.59 0.00	23.50 0.56 0.00	21.21 0.50 0.00	19.93 0.45 0.00	21.64 0.44 0.00	23.66 0.49 0.00	31.53 0.67 0.00	40.53 0.91 0.00	46.25 1.29 0.00	28.18 0.92 0.00	33.72 1.00 0.00	44.83 1.10 0.00	43.78 1.06 0.00	38.88 0.97 0.00	39.75 0.96 0.00
DERFIELD_115KV_TB7 355931	38.98 -0.04 0.00	46.07 -0.04 0.00	40.41 -0.08 0.00	39.70 -0.05 0.00	39.54 -0.04 0.00	47.70 -0.05 0.00	70.53 -0.03 0.00	51.32 -0.01 0.00	30.22 0.00 0.00	23.51 -0.03 0.00	22.90 -0.04 0.00	20.67 -0.04 0.00	19.44 -0.04 0.00	21.15 -0.05 0.00	23.11 -0.06 0.00	30.81 -0.06 0.00	39.59 -0.02 0.00	45.06 0.09 0.00	27.38 0.13 0.00	32.81 0.10 0.00	43.78 0.04 0.00	42.75 0.03 0.00	37.94 0.03 0.00	38.79 -0.01 0.00
DOGLEVILLE___HYD 23807	38.89 -0.13 0.00	45.88 -0.24 0.00	40.23 -0.26 0.00	39.61 -0.14 0.00	39.58 0.00 0.00	47.80 0.06 0.00	70.85 0.29 0.00	51.59 0.26 0.00	30.25 0.03 0.00	23.32 -0.22 0.00	22.60 -0.34 0.00	20.25 -0.47 0.00	19.06 -0.42 0.00	20.75 -0.45 0.00	22.73 -0.44 0.00	30.60 -0.27 0.00	39.69 0.08 0.00	45.69 0.73 0.00	28.00 0.75 0.00	33.49 0.77 0.00	44.35 0.61 0.00	43.25 0.53 0.00	38.35 0.45 0.00	39.02 0.22 0.00
DUNKIRK___115KV_TB_200 55889	36.65 -2.37 0.00	43.51 -2.60 0.00	37.93 -2.56 0.00	37.25 -2.50 0.00	37.24 -2.34 0.00	45.52 -2.22 0.00	67.21 -3.35 0.00	47.82 -3.51 0.00	28.23 -1.99 0.00	22.10 -1.44 0.00	21.57 -1.37 0.00	19.61 -1.11 0.00	18.43 -1.05 0.00	20.15 -1.05 0.00	21.97 -1.21 0.00	29.02 -1.85 0.00	36.70 -2.92 0.00	41.76 -3.21 0.00	25.42 -1.82 0.00	30.41 -2.31 0.00	40.23 -3.51 0.00	39.32 -3.41 0.00	35.04 -2.86 0.00	36.39 -2.41 0.00
DUNKIRK___1 23563	36.65 -2.37 0.00	43.51 -2.60 0.00	37.93 -2.56 0.00	37.25 -2.50 0.00	37.24 -2.34 0.00	45.52 -2.22 0.00	67.21 -3.35 0.00	47.82 -3.51 0.00	28.23 -1.99 0.00	22.10 -1.44 0.00	21.57 -1.37 0.00	19.61 -1.11 0.00	18.43 -1.05 0.00	20.15 -1.05 0.00	21.97 -1.21 0.00	29.02 -1.85 0.00	36.70 -2.92 0.00	41.76 -3.21 0.00	25.42 -1.82 0.00	30.41 -2.31 0.00	40.23 -3.51 0.00	39.32 -3.41 0.00	35.04 -2.86 0.00	36.39 -2.41 0.00
DUNKIRK___2 23564	36.65 -2.37 0.00	43.51 -2.60 0.00	37.93 -2.56 0.00	37.25 -2.50 0.00	37.24 -2.34 0.00	45.52 -2.22 0.00	67.21 -3.35 0.00	47.82 -3.51 0.00	28.23 -1.99 0.00	22.10 -1.44 0.00	21.57 -1.37 0.00	19.61 -1.11 0.00	18.43 -1.05 0.00	20.15 -1.05 0.00	21.97 -1.21 0.00	29.02 -1.85 0.00	36.70 -2.92 0.00	41.76 -3.21 0.00	25.42 -1.82 0.00	30.41 -2.31 0.00	40.23 -3.51 0.00	39.32 -3.41 0.00	35.04 -2.86 0.00	36.39 -2.41 0.00
DUNKIRK___3 23565	36.52 -2.50 0.00	43.34 -2.77 0.00	37.78 -2.72 0.00	37.11 -2.65 0.00	37.09 -2.49 0.00	45.29 -2.46 0.00	66.85 -3.71 0.00	47.62 -3.71 0.00	28.13 -2.09 0.00	22.02 -1.52 0.00	21.51 -1.44 0.00	19.55 -1.17 0.00	18.37 -1.11 0.00	20.08 -1.13 0.00	21.88 -1.29 0.00	28.92 -1.95 0.00	36.58 -3.04 0.00	41.60 -3.37 0.00	25.33 -1.92 0.00	30.30 -2.42 0.00	40.09 -3.65 0.00	39.18 -3.55 0.00	34.95 -2.95 0.00	36.27 -2.53 0.00
DUNKIRK___4 23566	36.56 -2.46 0.00	43.41 -2.71 0.00	37.85 -2.64 0.00	37.15 -2.59 0.00	37.14 -2.44 0.00	45.42 -2.32 0.00	67.04 -3.53 0.00	47.62 -3.72 0.00	28.15 -2.08 0.00	22.03 -1.51 0.00	21.51 -1.44 0.00	19.57 -1.15 0.00	18.40 -1.08 0.00	20.12 -1.09 0.00	21.91 -1.26 0.00	28.94 -1.92 0.00	36.59 -3.03 0.00	41.60 -3.37 0.00	25.34 -1.92 0.00	30.27 -2.45 0.00	40.08 -3.66 0.00	39.18 -3.55 0.00	34.93 -2.98 0.00	36.29 -2.51 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.36 1.34 0.00	47.63 1.51 0.00	41.73 1.24 0.00	41.13 1.38 0.00	41.11 1.54 0.00	49.54 1.80 0.00	73.20 2.63 0.00	53.47 2.14 0.00	31.62 1.41 0.00	24.53 0.99 0.00	23.93 0.98 0.00	21.59 0.88 0.00	20.31 0.83 0.00	22.03 0.83 0.00	24.12 0.94 0.00	32.19 1.32 0.00	41.30 1.68 0.00	47.17 2.21 0.00	28.91 1.66 0.00	34.50 1.79 0.00	45.73 1.99 0.00	44.67 1.95 0.00	39.74 1.83 0.00	40.57 1.77 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.23 1.21 0.00	47.49 1.38 0.00	41.62 1.13 0.00	40.98 1.23 0.00	40.94 1.36 0.00	49.38 1.63 0.00	73.02 2.45 0.00	53.30 1.97 0.00	31.47 1.25 0.00	24.40 0.85 0.00	23.76 0.81 0.00	21.41 0.70 0.00	20.13 0.65 0.00	21.84 0.64 0.00	23.92 0.74 0.00	31.97 1.11 0.00	41.09 1.48 0.00	46.99 2.03 0.00	28.76 1.51 0.00	34.34 1.63 0.00	45.56 1.82 0.00	44.47 1.75 0.00	39.52 1.62 0.00	40.34 1.54 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.28 1.26 0.00	47.57 1.45 0.00	41.85 1.36 0.00	41.24 1.49 0.00	41.22 1.64 0.00	49.62 1.87 0.00	73.43 2.87 0.00	53.70 2.36 0.00	31.76 1.53 0.00	24.64 1.09 0.00	24.09 1.14 0.00	21.67 0.95 0.00	20.37 0.89 0.00	22.07 0.87 0.00	24.11 0.94 0.00	32.18 1.31 0.00	41.30 1.68 0.00	47.18 2.22 0.00	28.96 1.71 0.00	34.50 1.79 0.00	45.72 1.98 0.00	44.69 1.97 0.00	39.79 1.88 0.00	40.66 1.86 0.00
E179THST_13_KV_LOAD 356214	40.44 1.42 0.00	47.75 1.64 0.00	41.99 1.50 0.00	41.38 1.63 0.00	41.35 1.77 0.00	49.80 2.05 0.00	73.70 3.13 0.00	53.90 2.56 0.00	31.87 1.65 0.00	24.73 1.19 0.00	24.18 1.24 0.00	21.75 1.03 0.00	20.46 0.98 0.00	22.17 0.97 0.00	24.22 1.05 0.00	32.31 1.45 0.00	41.48 1.86 0.00	47.39 2.42 0.00	29.09 1.84 0.00	34.66 1.95 0.00	45.92 2.18 0.00	44.88 2.16 0.00	39.95 2.04 0.00	40.82 2.02 0.00
EAST HAMPTON___GT 23717	41.40 2.37 0.00	49.30 3.18 0.00	43.31 2.82 0.00	42.75 3.00 0.00	42.77 3.19 0.00	51.67 3.92 0.00	76.20 5.63 0.00	59.49 4.35 -3.80	32.57 2.35 0.00	25.14 1.60 0.00	24.66 1.71 0.00	22.43 1.71 0.00	21.03 1.55 0.00	22.83 1.63 0.00	26.30 2.14 -0.99	47.17 3.10 -13.21	108.75 4.22 -64.92	52.97 5.09 -2.91	53.81 3.22 -23.34	37.14 3.50 -0.93	47.58 3.84 0.00	46.02 3.30 0.00	44.50 3.28 -3.31	42.10 3.30 0.00
EAST RIVER___6 23660	40.42 1.40 0.00	47.67 1.55 0.00	41.81 1.32 0.00	41.21 1.46 0.00	41.24 1.66 0.00	49.63 1.89 0.00	73.44 2.87 0.00	53.65 2.32 0.00	31.79 1.57 0.00	24.66 1.11 0.00	24.09 1.14 0.00	21.75 1.04 0.00	20.47 0.99 0.00	22.18 0.98 0.00	24.23 1.06 0.00	32.36 1.49 0.00	41.48 1.87 0.00	47.36 2.39 0.00	29.07 1.82 0.00	34.65 1.94 0.00	45.87 2.13 0.00	44.84 2.12 0.00	39.90 1.99 0.00	40.70 1.90 0.00
EAST RIVER___7 23524	40.42 1.40 0.00	47.67 1.55 0.00	41.81 1.32 0.00	41.21 1.46 0.00	41.24 1.66 0.00	49.63 1.89 0.00	73.44 2.87 0.00	53.65 2.32 0.00	31.79 1.57 0.00	24.66 1.11 0.00	24.09 1.14 0.00	21.75 1.04 0.00	20.47 0.99 0.00	22.18 0.98 0.00	24.23 1.06 0.00	32.36 1.49 0.00	41.48 1.87 0.00	47.36 2.39 0.00	29.07 1.82 0.00	34.65 1.94 0.00	45.87 2.13 0.00	44.84 2.12 0.00	39.90 1.99 0.00	40.70 1.90 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.30 1.28 0.00	47.57 1.45 0.00	41.69 1.20 0.00	41.06 1.31 0.00	41.05 1.47 0.00	49.47 1.73 0.00	73.10 2.53 0.00	53.39 2.05 0.00	31.58 1.35 0.00	24.49 0.95 0.00	23.89 0.94 0.00	21.54 0.83 0.00	20.27 0.79 0.00	21.98 0.78 0.00	24.06 0.89 0.00	32.13 1.26 0.00	41.22 1.60 0.00	47.09 2.13 0.00	28.86 1.61 0.00	34.43 1.72 0.00	45.65 1.91 0.00	44.59 1.87 0.00	39.66 1.76 0.00	40.49 1.69 0.00
EAST_HAMPTON___DIESEL 23722	41.33 2.31 0.00	49.23 3.11 0.00	43.25 2.76 0.00	42.70 2.95 0.00	42.71 3.13 0.00	51.61 3.86 0.00	76.11 5.54 0.00	59.43 4.30 -3.80	32.54 2.32 0.00	25.12 1.58 0.00	24.63 1.68 0.00	22.42 1.70 0.00	21.02 1.54 0.00	22.82 1.62 0.00	26.29 2.13 -0.99	47.17 3.10 -13.21	108.75 4.22 -64.92	52.97 5.09 -2.91	53.80 3.21 -23.34	37.12 3.48 -0.93	47.53 3.79 0.00	45.96 3.24 0.00	44.44 3.22 -3.31	42.04 3.24 0.00
EAST_PULASKI___ESR 323781	38.16 -0.87 0.00	45.07 -1.05 0.00	39.48 -1.01 0.00	38.69 -1.07 0.00	38.48 -1.10 0.00	46.44 -1.31 0.00	68.69 -1.88 0.00	49.95 -1.38 0.00	29.40 -0.82 0.00	22.87 -0.67 0.00	22.24 -0.70 0.00	20.13 -0.59 0.00	18.96 -0.52 0.00	20.65 -0.55 0.00	22.50 -0.67 0.00	29.97 -0.90 0.00	38.58 -1.04 0.00	44.07 -0.90 0.00	26.78 -0.47 0.00	32.06 -0.66 0.00	42.69 -1.05 0.00	41.65 -1.08 0.00	36.94 -0.96 0.00	37.78 -1.01 0.00
EAST_RIVER___1 323558	40.37 1.35 0.00	47.60 1.49 0.00	41.76 1.27 0.00	41.17 1.42 0.00	41.18 1.61 0.00	49.56 1.82 0.00	73.32 2.76 0.00	53.58 2.24 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.04 1.10 0.00	21.71 0.99 0.00	20.42 0.94 0.00	22.13 0.93 0.00	24.19 1.01 0.00	32.29 1.43 0.00	41.40 1.78 0.00	47.26 2.29 0.00	29.00 1.75 0.00	34.58 1.87 0.00	45.79 2.06 0.00	44.76 2.04 0.00	39.83 1.93 0.00	40.66 1.86 0.00
EAST_RIVER___2 323559	40.42 1.40 0.00	47.67 1.55 0.00	41.81 1.32 0.00	41.21 1.46 0.00	41.24 1.66 0.00	49.63 1.89 0.00	73.44 2.87 0.00	53.65 2.32 0.00	31.79 1.57 0.00	24.66 1.11 0.00	24.09 1.14 0.00	21.75 1.04 0.00	20.47 0.99 0.00	22.18 0.98 0.00	24.23 1.06 0.00	32.36 1.49 0.00	41.48 1.87 0.00	47.36 2.39 0.00	29.07 1.82 0.00	34.65 1.94 0.00	45.87 2.13 0.00	44.84 2.12 0.00	39.90 1.99 0.00	40.70 1.90 0.00
EAST___DELAWARE_HYD 23607	40.00 0.97 0.00	47.21 1.09 0.00	41.34 0.85 0.00	40.40 0.65 0.00	40.37 0.79 0.00	48.71 0.97 0.00	72.13 1.56 0.00	52.71 1.38 0.00	31.08 0.86 0.00	24.01 0.47 0.00	23.30 0.36 0.00	20.99 0.27 0.00	19.70 0.22 0.00	21.35 0.15 0.00	23.40 0.23 0.00	31.35 0.49 0.00	40.48 0.87 0.00	46.46 1.49 0.00	28.43 1.18 0.00	33.97 1.26 0.00	45.06 1.33 0.00	43.95 1.23 0.00	39.01 1.11 0.00	39.80 1.00 0.00
EIGHT_POINT___WT_PWR 323820	39.03 0.01 0.00	46.44 0.32 0.00	40.53 0.05 0.00	39.84 0.09 0.00	39.78 0.20 0.00	54.24 0.22 -6.28	81.09 0.51 -10.01	51.97 0.63 0.00	31.35 0.38 -0.75	23.68 0.07 -0.07	22.84 -0.14 -0.03	20.56 -0.19 -0.03	19.25 -0.26 -0.03	20.96 -0.29 -0.05	22.79 -0.38 0.00	30.32 -0.54 0.00	39.36 -0.26 0.00	45.33 0.37 0.00	27.92 0.36 -0.30	33.03 0.31 0.00	43.99 -0.06 -0.31	42.86 -0.04 -0.17	39.09 0.18 -1.00	39.94 0.15 -0.99
ELBRIDGE_115KV_TB2 80188	38.23 -0.79 0.00	45.20 -0.91 0.00	39.52 -0.97 0.00	38.78 -0.98 0.00	38.64 -0.94 0.00	46.70 -1.05 0.00	68.96 -1.61 0.00	50.17 -1.17 0.00	29.51 -0.70 0.00	22.99 -0.55 0.00	22.40 -0.55 0.00	20.26 -0.46 0.00	19.05 -0.43 0.00	20.71 -0.49 0.00	22.60 -0.58 0.00	30.10 -0.77 0.00	38.62 -1.00 0.00	44.07 -0.90 0.00	26.82 -0.43 0.00	32.08 -0.63 0.00	42.67 -1.07 0.00	41.70 -1.02 0.00	36.98 -0.93 0.00	37.81 -0.99 0.00
ELEC_TRO_TEK 24086	40.79 1.77 0.00	48.24 2.12 0.00	42.30 1.81 0.00	41.69 1.94 0.00	41.66 2.09 0.00	50.16 2.42 0.00	73.84 3.27 0.00	57.74 2.60 -3.80	31.94 1.72 0.00	24.75 1.21 0.00	24.17 1.23 0.00	21.82 1.10 0.00	20.53 1.05 0.00	22.26 1.07 0.00	25.44 1.28 -0.99	45.84 1.76 -13.21	106.76 2.22 -64.92	50.63 2.76 -2.91	52.64 2.05 -23.34	35.90 2.26 -0.93	46.34 2.60 0.00	45.23 2.51 0.00	43.59 2.38 -3.31	41.10 2.30 0.00
ELLENBURG_WT_PWR 323604	41.08 2.05 0.00	48.46 2.34 0.00	42.79 2.30 0.00	42.05 2.30 0.00	41.75 2.17 0.00	49.90 2.16 0.00	73.29 2.73 0.00	53.45 2.11 0.00	31.39 1.17 0.00	24.65 1.11 0.00	23.93 0.99 0.00	21.52 0.81 0.00	20.23 0.75 0.00	22.17 0.97 0.00	24.28 1.11 0.00	32.42 1.55 0.00	41.36 1.75 0.00	46.92 1.95 0.00	28.18 0.93 0.00	33.92 1.20 0.00	45.48 1.74 0.00	44.46 1.74 0.00	39.39 1.48 0.00	40.64 1.84 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.02 -3.00 0.00	42.78 -3.34 0.00	37.33 -3.16 0.00	36.63 -3.12 0.00	36.57 -3.00 0.00	44.81 -2.94 0.00	66.08 -4.49 0.00	46.71 -4.62 0.00	27.64 -2.58 0.00	21.67 -1.87 0.00	21.17 -1.77 0.00	19.29 -1.43 0.00	18.17 -1.31 0.00	19.87 -1.33 0.00	21.65 -1.52 0.00	28.56 -2.30 0.00	36.03 -3.59 0.00	40.85 -4.12 0.00	24.83 -2.42 0.00	29.64 -3.07 0.00	39.32 -4.42 0.00	38.48 -4.24 0.00	34.26 -3.64 0.00	35.67 -3.13 0.00
EMPIRE_CC_1 323656	39.65 0.63 0.00	46.82 0.70 0.00	41.13 0.64 0.00	40.48 0.74 0.00	40.38 0.80 0.00	48.68 0.94 0.00	71.80 1.23 0.00	52.10 0.77 0.00	30.65 0.43 0.00	23.85 0.31 0.00	23.31 0.36 0.00	20.94 0.22 0.00	19.70 0.22 0.00	21.47 0.27 0.00	23.49 0.32 0.00	31.35 0.48 0.00	40.29 0.67 0.00	45.84 0.88 0.00	27.96 0.71 0.00	33.43 0.72 0.00	44.49 0.75 0.00	43.61 0.89 0.00	38.77 0.87 0.00	39.62 0.82 0.00
EMPIRE_CC_2 323658	39.65 0.63 0.00	46.82 0.70 0.00	41.13 0.64 0.00	40.48 0.74 0.00	40.38 0.80 0.00	48.68 0.94 0.00	71.80 1.23 0.00	52.10 0.77 0.00	30.65 0.43 0.00	23.85 0.31 0.00	23.31 0.36 0.00	20.94 0.22 0.00	19.70 0.22 0.00	21.47 0.27 0.00	23.49 0.32 0.00	31.35 0.48 0.00	40.29 0.67 0.00	45.84 0.88 0.00	27.96 0.71 0.00	33.43 0.72 0.00	44.49 0.75 0.00	43.61 0.89 0.00	38.77 0.87 0.00	39.62 0.82 0.00
ENORWICH_115KV_TB1 80156	41.58 2.56 0.00	49.21 3.10 0.00	43.05 2.56 0.00	42.25 2.50 0.00	42.12 2.54 0.00	51.16 3.42 0.00	75.82 5.25 0.00	55.29 3.96 0.00	32.47 2.25 0.00	25.08 1.55 0.00	24.27 1.32 0.00	21.90 1.18 0.00	20.51 1.03 0.00	22.26 1.06 0.00	24.29 1.12 0.00	32.55 1.69 0.00	42.31 2.70 0.00	48.61 3.64 0.00	29.58 2.33 0.00	35.23 2.51 0.00	46.72 2.98 0.00	45.62 2.90 0.00	40.44 2.54 0.00	41.37 2.57 0.00
ERIE_ST__34_KV_TB1-2 80199	36.66 -2.36 0.00	43.52 -2.60 0.00	37.93 -2.56 0.00	37.20 -2.55 0.00	37.14 -2.44 0.00	45.51 -2.23 0.00	67.15 -3.42 0.00	47.52 -3.81 0.00	28.17 -2.05 0.00	22.07 -1.47 0.00	21.56 -1.39 0.00	19.62 -1.10 0.00	18.48 -1.00 0.00	20.17 -1.03 0.00	21.98 -1.20 0.00	29.01 -1.86 0.00	36.69 -2.93 0.00	41.66 -3.30 0.00	25.36 -1.90 0.00	30.27 -2.44 0.00	40.14 -3.59 0.00	39.26 -3.46 0.00	34.98 -2.92 0.00	36.39 -2.42 0.00
ERIE_WT_PWR 323693	36.29 -2.73 0.00	43.09 -3.03 0.00	37.60 -2.89 0.00	36.88 -2.87 0.00	36.83 -2.74 0.00	22.11 -2.56 23.08	29.64 -4.14 36.78	47.08 -4.25 0.00	25.13 -2.35 2.74	21.57 -1.72 0.25	21.22 -1.62 0.11	19.31 -1.29 0.12	18.18 -1.19 0.11	19.80 -1.21 0.19	21.79 -1.39 0.00	28.76 -2.11 0.00	36.28 -3.33 0.00	41.16 -3.80 0.00	23.92 -2.21 1.12	29.90 -2.81 0.00	38.50 -4.10 1.14	38.18 -3.91 0.63	30.90 -3.33 3.68	32.27 -2.89 3.64
ESPRGFLD_115KV_TB1 80157	40.99 1.97 0.00	48.48 2.37 0.00	42.52 2.03 0.00	41.68 1.92 0.00	41.47 1.89 0.00	50.14 2.40 0.00	74.19 3.62 0.00	54.05 2.72 0.00	31.86 1.64 0.00	24.71 1.17 0.00	24.05 1.10 0.00	21.80 1.08 0.00	20.50 1.02 0.00	22.24 1.04 0.00	24.25 1.08 0.00	32.19 1.32 0.00	41.43 1.81 0.00	47.40 2.44 0.00	28.76 1.51 0.00	34.41 1.70 0.00	45.96 2.22 0.00	44.89 2.17 0.00	39.79 1.88 0.00	40.74 1.94 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.31 0.29 0.00	46.47 0.35 0.00	40.66 0.18 0.00	39.90 0.16 0.00	39.78 0.21 0.00	48.12 0.37 0.00	71.18 0.61 0.00	51.84 0.51 0.00	30.49 0.27 0.00	23.64 0.10 0.00	22.94 -0.01 0.00	20.68 -0.04 0.00	19.41 -0.07 0.00	21.10 -0.10 0.00	23.05 -0.12 0.00	30.79 -0.08 0.00	39.75 0.14 0.00	45.55 0.59 0.00	27.76 0.51 0.00	33.22 0.51 0.00	44.13 0.39 0.00	43.06 0.33 0.00	38.18 0.28 0.00	39.03 0.23 0.00
ETNA____115KV_TB2 80207	39.31 0.29 0.00	46.47 0.35 0.00	40.66 0.18 0.00	39.90 0.16 0.00	39.78 0.21 0.00	48.12 0.37 0.00	71.18 0.61 0.00	51.84 0.51 0.00	30.49 0.27 0.00	23.64 0.10 0.00	22.94 -0.01 0.00	20.68 -0.04 0.00	19.41 -0.07 0.00	21.10 -0.10 0.00	23.05 -0.12 0.00	30.79 -0.08 0.00	39.75 0.14 0.00	45.55 0.59 0.00	27.76 0.51 0.00	33.22 0.51 0.00	44.13 0.39 0.00	43.06 0.33 0.00	38.18 0.28 0.00	39.03 0.23 0.00
EUCLID__115KV_TB2 356179	37.93 -1.09 0.00	44.83 -1.29 0.00	39.25 -1.24 0.00	38.47 -1.28 0.00	38.32 -1.26 0.00	46.27 -1.47 0.00	68.42 -2.14 0.00	49.70 -1.64 0.00	29.31 -0.92 0.00	22.83 -0.71 0.00	22.24 -0.71 0.00	20.12 -0.60 0.00	18.92 -0.55 0.00	20.59 -0.61 0.00	22.46 -0.71 0.00	29.87 -0.99 0.00	38.35 -1.27 0.00	43.69 -1.28 0.00	26.57 -0.68 0.00	31.83 -0.88 0.00	42.37 -1.37 0.00	41.35 -1.37 0.00	36.67 -1.23 0.00	37.54 -1.26 0.00
E_CANADA_CAP_HY 24051	41.35 2.32 0.00	48.88 2.77 0.00	42.90 2.41 0.00	42.01 2.26 0.00	41.80 2.22 0.00	50.54 2.80 0.00	74.71 4.14 0.00	54.35 3.02 0.00	32.00 1.78 0.00	24.76 1.22 0.00	24.09 1.14 0.00	21.83 1.12 0.00	20.55 1.07 0.00	22.31 1.11 0.00	24.33 1.16 0.00	32.27 1.40 0.00	41.62 2.01 0.00	47.71 2.75 0.00	28.89 1.64 0.00	34.61 1.90 0.00	46.36 2.63 0.00	45.40 2.68 0.00	40.19 2.28 0.00	41.16 2.36 0.00
E_CANADA_MHWK_HY 24050	38.89 -0.13 0.00	45.88 -0.24 0.00	40.23 -0.26 0.00	39.61 -0.14 0.00	39.58 0.00 0.00	47.80 0.06 0.00	70.85 0.29 0.00	51.59 0.26 0.00	30.25 0.03 0.00	23.32 -0.22 0.00	22.60 -0.34 0.00	20.25 -0.47 0.00	19.06 -0.42 0.00	20.75 -0.45 0.00	22.73 -0.44 0.00	30.60 -0.27 0.00	39.69 0.08 0.00	45.69 0.73 0.00	28.00 0.75 0.00	33.49 0.77 0.00	44.35 0.61 0.00	43.25 0.53 0.00	38.35 0.45 0.00	39.02 0.22 0.00
E_FISHKILL__LBMP 23776	40.15 1.13 0.00	47.39 1.27 0.00	41.56 1.07 0.00	40.93 1.19 0.00	40.89 1.31 0.00	49.29 1.55 0.00	72.84 2.27 0.00	53.17 1.83 0.00	31.39 1.17 0.00	24.37 0.83 0.00	23.75 0.80 0.00	21.41 0.69 0.00	20.12 0.64 0.00	21.83 0.63 0.00	23.92 0.74 0.00	31.94 1.07 0.00	41.01 1.40 0.00	46.85 1.88 0.00	28.68 1.43 0.00	34.24 1.53 0.00	45.40 1.66 0.00	44.35 1.62 0.00	39.45 1.55 0.00	40.28 1.48 0.00
FALCON__SEABRD_CC1 323796	41.66 2.63 0.00	49.09 2.97 0.00	43.37 2.88 0.00	42.63 2.88 0.00	42.29 2.71 0.00	50.32 2.58 0.00	73.68 3.11 0.00	53.81 2.48 0.00	31.60 1.38 0.00	24.84 1.30 0.00	24.08 1.13 0.00	21.63 0.91 0.00	20.33 0.85 0.00	22.37 1.17 0.00	24.48 1.31 0.00	32.73 1.87 0.00	41.72 2.10 0.00	47.41 2.44 0.00	28.50 1.25 0.00	34.26 1.55 0.00	45.86 2.12 0.00	44.84 2.12 0.00	39.74 1.83 0.00	41.12 2.32 0.00
FALCON__SEABRD_CC2 323797	41.66 2.63 0.00	49.09 2.97 0.00	43.37 2.88 0.00	42.63 2.88 0.00	42.29 2.71 0.00	50.32 2.58 0.00	73.68 3.11 0.00	53.81 2.48 0.00	31.60 1.38 0.00	24.84 1.30 0.00	24.08 1.13 0.00	21.63 0.91 0.00	20.33 0.85 0.00	22.37 1.17 0.00	24.48 1.31 0.00	32.73 1.87 0.00	41.72 2.10 0.00	47.41 2.44 0.00	28.50 1.25 0.00	34.26 1.55 0.00	45.86 2.12 0.00	44.84 2.12 0.00	39.74 1.83 0.00	41.12 2.32 0.00

FAR ROCKAWAY___4 23548	41.27 2.24 0.00	48.79 2.68 0.00	42.78 2.29 0.00	42.19 2.44 0.00	42.13 2.56 0.00	50.74 2.99 0.00	74.38 3.81 0.00	57.92 2.79 -3.80	32.30 2.08 0.00	25.02 1.48 0.00	24.43 1.49 0.00	22.07 1.35 0.00	20.79 1.31 0.00	22.54 1.34 0.00	25.74 1.58 -0.99	46.25 2.17 -13.21	107.27 2.74 -64.92	51.23 3.35 -2.91	53.04 2.45 -23.34	36.39 2.75 -0.93	46.96 3.22 0.00	45.79 3.07 0.00	44.07 2.85 -3.31	41.58 2.78 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.37 1.35 0.00	47.60 1.49 0.00	41.76 1.27 0.00	41.17 1.42 0.00	41.18 1.60 0.00	49.60 1.85 0.00	73.30 2.74 0.00	53.59 2.26 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.05 1.10 0.00	21.71 1.00 0.00	20.43 0.95 0.00	22.13 0.93 0.00	24.19 1.01 0.00	32.29 1.43 0.00	41.40 1.78 0.00	47.26 2.30 0.00	29.00 1.75 0.00	34.59 1.87 0.00	45.79 2.06 0.00	44.76 2.04 0.00	39.84 1.94 0.00	40.66 1.86 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.39 1.37 0.00	47.65 1.53 0.00	41.79 1.30 0.00	41.20 1.45 0.00	41.22 1.64 0.00	49.61 1.87 0.00	73.33 2.77 0.00	53.60 2.27 0.00	31.77 1.55 0.00	24.64 1.09 0.00	24.07 1.12 0.00	21.73 1.01 0.00	20.44 0.96 0.00	22.15 0.95 0.00	24.21 1.04 0.00	32.31 1.45 0.00	41.43 1.81 0.00	47.28 2.32 0.00	29.03 1.78 0.00	34.61 1.90 0.00	45.82 2.08 0.00	44.79 2.07 0.00	39.87 1.97 0.00	40.69 1.89 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.35 1.33 0.00	47.60 1.48 0.00	41.75 1.26 0.00	41.16 1.41 0.00	41.18 1.60 0.00	49.56 1.82 0.00	73.26 2.69 0.00	53.55 2.22 0.00	31.73 1.51 0.00	24.61 1.07 0.00	24.04 1.09 0.00	21.70 0.99 0.00	20.42 0.94 0.00	22.12 0.92 0.00	24.18 1.01 0.00	32.28 1.41 0.00	41.38 1.76 0.00	47.24 2.27 0.00	28.99 1.74 0.00	34.56 1.85 0.00	45.76 2.02 0.00	44.75 2.03 0.00	39.82 1.91 0.00	40.63 1.83 0.00
FARRAGUT___LBMP 323566	40.33 1.31 0.00	47.56 1.44 0.00	41.72 1.23 0.00	41.13 1.38 0.00	41.14 1.56 0.00	49.54 1.79 0.00	73.20 2.63 0.00	53.53 2.20 0.00	31.71 1.49 0.00	24.59 1.05 0.00	24.02 1.08 0.00	21.69 0.97 0.00	20.40 0.92 0.00	22.10 0.90 0.00	24.16 0.99 0.00	32.25 1.39 0.00	41.35 1.73 0.00	47.20 2.23 0.00	28.97 1.72 0.00	34.54 1.83 0.00	45.73 1.99 0.00	44.70 1.98 0.00	39.80 1.89 0.00	40.62 1.82 0.00
FENNER___WINDPWR 24204	39.44 0.41 0.00	46.60 0.48 0.00	40.84 0.35 0.00	40.06 0.32 0.00	39.91 0.34 0.00	48.24 0.50 0.00	71.38 0.82 0.00	51.98 0.64 0.00	30.59 0.37 0.00	23.73 0.19 0.00	23.08 0.13 0.00	20.83 0.11 0.00	19.56 0.07 0.00	21.29 0.09 0.00	23.24 0.07 0.00	30.99 0.13 0.00	40.00 0.38 0.00	45.74 0.77 0.00	27.80 0.55 0.00	33.32 0.60 0.00	44.37 0.63 0.00	43.24 0.52 0.00	38.34 0.43 0.00	39.19 0.39 0.00
FIBERTEK___ENERGY 23856	38.42 -0.60 0.00	45.39 -0.73 0.00	39.73 -0.76 0.00	38.95 -0.80 0.00	38.80 -0.77 0.00	46.88 -0.87 0.00	69.30 -1.27 0.00	50.39 -0.95 0.00	29.68 -0.54 0.00	23.10 -0.44 0.00	22.51 -0.44 0.00	20.36 -0.36 0.00	19.14 -0.34 0.00	20.82 -0.38 0.00	22.72 -0.45 0.00	30.26 -0.61 0.00	38.87 -0.75 0.00	44.31 -0.66 0.00	26.96 -0.29 0.00	32.27 -0.44 0.00	42.93 -0.80 0.00	41.93 -0.79 0.00	37.18 -0.73 0.00	38.04 -0.76 0.00
FITZPATRICK___ 23598	37.53 -1.50 0.00	44.35 -1.77 0.00	38.85 -1.64 0.00	38.05 -1.69 0.00	37.89 -1.68 0.00	45.75 -1.99 0.00	67.61 -2.96 0.00	49.13 -2.21 0.00	28.94 -1.28 0.00	22.56 -0.98 0.00	21.98 -0.97 0.00	19.89 -0.82 0.00	18.71 -0.77 0.00	20.35 -0.85 0.00	22.21 -0.97 0.00	29.53 -1.34 0.00	37.89 -1.73 0.00	43.12 -1.85 0.00	26.21 -1.04 0.00	31.40 -1.32 0.00	41.84 -1.89 0.00	40.84 -1.88 0.00	36.24 -1.67 0.00	37.10 -1.70 0.00
FLOWRFLD_69_KV_BK1 356044	41.21 2.19 0.00	48.89 2.77 0.00	42.90 2.41 0.00	42.27 2.52 0.00	42.27 2.69 0.00	50.94 3.19 0.00	74.95 4.39 0.00	58.66 3.52 -3.80	32.27 2.05 0.00	24.99 1.44 0.00	24.45 1.50 0.00	22.07 1.35 0.00	20.73 1.25 0.00	22.48 1.28 0.00	25.76 1.60 -0.99	46.30 2.22 -13.21	107.48 2.94 -64.92	51.55 3.67 -2.91	53.14 2.55 -23.34	36.50 2.86 -0.93	47.04 3.31 0.00	45.78 3.06 0.00	44.21 2.99 -3.31	41.73 2.93 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.64 1.62 0.00	47.96 1.84 0.00	42.04 1.55 0.00	41.40 1.65 0.00	41.36 1.78 0.00	49.88 2.13 0.00	73.78 3.22 0.00	53.84 2.51 0.00	31.79 1.57 0.00	24.66 1.11 0.00	24.01 1.07 0.00	21.63 0.92 0.00	20.33 0.85 0.00	22.06 0.86 0.00	24.18 1.01 0.00	32.34 1.47 0.00	41.58 1.97 0.00	47.55 2.59 0.00	29.10 1.85 0.00	34.75 2.03 0.00	46.06 2.32 0.00	44.96 2.24 0.00	39.96 2.05 0.00	40.76 1.96 0.00
FORT ORANGE___ 23900	39.55 0.53 0.00	46.69 0.58 0.00	41.01 0.53 0.00	40.34 0.59 0.00	40.23 0.65 0.00	48.52 0.78 0.00	71.72 1.15 0.00	52.18 0.85 0.00	30.69 0.47 0.00	23.83 0.29 0.00	23.26 0.31 0.00	20.91 0.19 0.00	19.66 0.18 0.00	21.41 0.21 0.00	23.43 0.26 0.00	31.23 0.36 0.00	40.29 0.67 0.00	46.02 1.05 0.00	28.08 0.83 0.00	33.53 0.82 0.00	44.62 0.89 0.00	43.60 0.88 0.00	38.69 0.79 0.00	39.51 0.71 0.00
FORT_DRUM_COGEN 23780	39.17 0.15 0.00	46.25 0.13 0.00	40.58 0.09 0.00	39.80 0.06 0.00	39.58 0.00 0.00	47.80 0.06 0.00	70.73 0.17 0.00	51.52 0.19 0.00	30.23 0.01 0.00	23.42 -0.12 0.00	22.66 -0.29 0.00	20.45 -0.26 0.00	19.28 -0.20 0.00	21.06 -0.14 0.00	23.00 -0.17 0.00	30.75 -0.12 0.00	39.86 0.24 0.00	45.74 0.77 0.00	27.70 0.45 0.00	33.14 0.43 0.00	44.19 0.45 0.00	42.98 0.26 0.00	38.08 0.18 0.00	38.91 0.11 0.00
FOX_HILLS___ESR 323835	40.44 1.42 0.00	47.75 1.64 0.00	42.14 1.65 0.00	41.48 1.73 0.00	41.53 1.95 0.00	49.98 2.24 0.00	73.83 3.26 0.00	54.06 2.73 0.00	31.95 1.73 0.00	24.77 1.22 0.00	24.19 1.24 0.00	21.81 1.09 0.00	20.50 1.03 0.00	22.22 1.02 0.00	24.26 1.09 0.00	32.30 1.43 0.00	41.35 1.73 0.00	47.22 2.26 0.00	29.03 1.78 0.00	34.57 1.85 0.00	45.84 2.10 0.00	53.18 2.11 -8.35	56.57 1.97 -16.70	40.71 1.91 0.00
FPL_FAR_ROCK_GT1 24212	41.26 2.24 0.00	48.79 2.68 0.00	42.79 2.30 0.00	42.19 2.44 0.00	42.13 2.56 0.00	50.72 2.97 0.00	74.46 3.90 0.00	57.93 2.79 -3.80	32.29 2.07 0.00	25.02 1.48 0.00	24.44 1.49 0.00	22.07 1.35 0.00	20.79 1.31 0.00	22.54 1.34 0.00	25.75 1.59 -0.99	46.24 2.17 -13.21	107.28 2.74 -64.92	51.23 3.35 -2.91	53.04 2.45 -23.34	36.39 2.75 -0.93	46.95 3.22 0.00	45.79 3.07 0.00	44.07 2.85 -3.31	41.57 2.77 0.00
FPL_FAR_ROCK_GT2 23815	41.26 2.24 0.00	48.79 2.68 0.00	42.79 2.30 0.00	42.19 2.44 0.00	42.13 2.56 0.00	50.72 2.97 0.00	74.46 3.90 0.00	57.93 2.79 -3.80	32.29 2.07 0.00	25.02 1.48 0.00	24.44 1.49 0.00	22.07 1.35 0.00	20.79 1.31 0.00	22.54 1.34 0.00	25.75 1.59 -0.99	46.24 2.17 -13.21	107.28 2.74 -64.92	51.23 3.35 -2.91	53.04 2.45 -23.34	36.39 2.75 -0.93	46.95 3.22 0.00	45.79 3.07 0.00	44.07 2.85 -3.31	41.57 2.77 0.00

FRANKLIN_FALL_HYD 24054	41.27 2.25 0.00	48.76 2.65 0.00	43.07 2.59 0.00	42.31 2.56 0.00	42.02 2.44 0.00	50.34 2.60 0.00	74.06 3.49 0.00	54.00 2.67 0.00	31.73 1.51 0.00	24.88 1.34 0.00	24.16 1.22 0.00	21.73 1.01 0.00	20.41 0.93 0.00	22.32 1.12 0.00	24.42 1.25 0.00	32.60 1.74 0.00	41.70 2.08 0.00	47.27 2.31 0.00	28.39 1.14 0.00	34.16 1.45 0.00	45.85 2.11 0.00	44.81 2.09 0.00	39.70 1.79 0.00	40.92 2.12 0.00
FREEPORT_EQUS_GT1 23764	41.04 2.02 0.00	48.55 2.44 0.00	42.58 2.09 0.00	41.96 2.21 0.00	41.92 2.35 0.00	50.47 2.73 0.00	74.24 3.68 0.00	57.88 2.75 -3.80	32.14 1.92 0.00	24.88 1.34 0.00	24.29 1.34 0.00	21.93 1.21 0.00	20.63 1.15 0.00	22.38 1.18 0.00	25.59 1.44 -0.99	46.06 1.98 -13.21	107.00 2.46 -64.92	50.87 3.00 -2.91	52.89 2.30 -23.34	36.20 2.56 -0.93	46.71 2.97 0.00	45.55 2.83 0.00	43.88 2.67 -3.31	41.39 2.59 0.00
FREEPORT___CT2 23818	41.04 2.02 0.00	48.55 2.44 0.00	42.58 2.09 0.00	41.96 2.21 0.00	41.92 2.35 0.00	50.47 2.73 0.00	74.24 3.68 0.00	57.88 2.75 -3.80	32.14 1.92 0.00	24.88 1.34 0.00	24.29 1.34 0.00	21.93 1.21 0.00	20.63 1.15 0.00	22.38 1.18 0.00	25.59 1.44 -0.99	46.06 1.98 -13.21	107.00 2.46 -64.92	50.87 3.00 -2.91	52.89 2.30 -23.34	36.20 2.56 -0.93	46.71 2.97 0.00	45.55 2.83 0.00	43.88 2.67 -3.31	41.39 2.59 0.00
FRESHKLS_33_KV_LOAD 356253	40.39 1.37 0.00	47.71 1.60 0.00	42.24 1.75 0.00	41.55 1.80 0.00	41.63 2.05 0.00	50.08 2.33 0.00	74.00 3.44 0.00	54.18 2.85 0.00	31.98 1.75 0.00	24.76 1.22 0.00	24.17 1.23 0.00	21.79 1.07 0.00	20.47 0.99 0.00	22.18 0.98 0.00	24.22 1.05 0.00	32.24 1.37 0.00	41.28 1.66 0.00	47.17 2.21 0.00	29.01 1.76 0.00	34.52 1.81 0.00	45.80 2.07 0.00	53.14 2.07 -8.35	56.51 1.91 -16.70	40.66 1.86 0.00
FULTON COGEN____ 23766	37.83 -1.19 0.00	44.69 -1.42 0.00	39.15 -1.34 0.00	38.34 -1.42 0.00	38.19 -1.39 0.00	46.13 -1.62 0.00	68.22 -2.35 0.00	49.57 -1.77 0.00	29.21 -1.01 0.00	22.73 -0.81 0.00	22.16 -0.79 0.00	20.06 -0.66 0.00	18.87 -0.62 0.00	20.51 -0.69 0.00	22.39 -0.78 0.00	29.77 -1.10 0.00	38.28 -1.34 0.00	43.62 -1.34 0.00	26.52 -0.73 0.00	31.77 -0.95 0.00	42.29 -1.44 0.00	41.24 -1.48 0.00	36.57 -1.33 0.00	37.43 -1.37 0.00
FULTON___LFGE 323630	42.83 3.81 0.00	50.53 4.41 0.00	44.30 3.80 0.00	43.46 3.71 0.00	43.30 3.72 0.00	52.40 4.65 0.00	77.57 7.00 0.00	56.65 5.32 0.00	33.06 2.84 0.00	24.91 1.37 0.00	23.84 0.90 0.00	21.49 0.77 0.00	20.24 0.76 0.00	21.99 0.79 0.00	24.05 0.87 0.00	32.19 1.33 0.00	42.74 3.13 0.00	50.20 5.24 0.00	30.54 3.29 0.00	36.53 3.81 0.00	48.71 4.97 0.00	47.45 4.73 0.00	41.92 4.01 0.00	42.83 4.02 0.00
G.F.CEMENT___DRP 24184	40.79 1.77 0.00	48.16 2.04 0.00	42.27 1.78 0.00	41.58 1.83 0.00	41.45 1.87 0.00	49.97 2.23 0.00	73.81 3.24 0.00	53.73 2.40 0.00	31.47 1.25 0.00	24.47 0.93 0.00	23.76 0.81 0.00	21.26 0.54 0.00	20.00 0.52 0.00	21.77 0.57 0.00	23.92 0.75 0.00	32.24 1.38 0.00	41.86 2.24 0.00	47.79 2.83 0.00	29.18 1.93 0.00	34.90 2.19 0.00	46.35 2.61 0.00	45.17 2.45 0.00	39.98 2.07 0.00	40.76 1.96 0.00
GARDENVILLE___LBMP 24039	36.16 -2.86 0.00	42.95 -3.17 0.00	37.47 -3.02 0.00	36.76 -2.99 0.00	36.70 -2.87 0.00	44.98 -2.76 0.00	66.32 -4.25 0.00	46.92 -4.42 0.00	27.76 -2.46 0.00	21.76 -1.78 0.00	21.26 -1.69 0.00	19.36 -1.36 0.00	18.23 -1.25 0.00	19.94 -1.27 0.00	21.72 -1.45 0.00	28.66 -2.21 0.00	36.16 -3.45 0.00	41.03 -3.94 0.00	24.96 -2.29 0.00	29.79 -2.93 0.00	39.51 -4.23 0.00	38.66 -4.06 0.00	34.43 -3.47 0.00	35.83 -2.97 0.00
GARDNVLA_35_KV_LD 355827	36.31 -2.72 0.00	43.12 -2.99 0.00	37.61 -2.88 0.00	36.90 -2.85 0.00	36.84 -2.73 0.00	45.11 -2.63 0.00	66.55 -4.02 0.00	47.11 -4.23 0.00	27.86 -2.36 0.00	21.85 -1.69 0.00	21.35 -1.60 0.00	19.44 -1.28 0.00	18.31 -1.17 0.00	20.02 -1.18 0.00	21.82 -1.36 0.00	28.79 -2.07 0.00	36.33 -3.29 0.00	41.21 -3.76 0.00	25.06 -2.19 0.00	29.93 -2.79 0.00	39.68 -4.05 0.00	38.83 -3.89 0.00	34.56 -3.35 0.00	35.93 -2.87 0.00
GELCKHM___115KV_LOAD 80723	38.12 -0.90 0.00	45.06 -1.05 0.00	39.45 -1.04 0.00	38.66 -1.09 0.00	38.52 -1.06 0.00	46.51 -1.23 0.00	68.78 -1.78 0.00	49.99 -1.35 0.00	29.45 -0.77 0.00	22.94 -0.60 0.00	22.35 -0.60 0.00	20.22 -0.50 0.00	19.02 -0.46 0.00	20.68 -0.52 0.00	22.57 -0.60 0.00	30.03 -0.84 0.00	38.56 -1.05 0.00	43.94 -1.02 0.00	26.73 -0.52 0.00	32.01 -0.70 0.00	42.60 -1.14 0.00	41.59 -1.14 0.00	36.88 -1.03 0.00	37.74 -1.06 0.00
GENERAL___MILLS 23808	36.27 -2.76 0.00	43.06 -3.05 0.00	37.56 -2.93 0.00	36.86 -2.89 0.00	36.80 -2.78 0.00	45.08 -2.67 0.00	66.48 -4.08 0.00	47.03 -4.30 0.00	27.83 -2.39 0.00	21.82 -1.72 0.00	21.31 -1.64 0.00	19.41 -1.31 0.00	18.28 -1.20 0.00	19.99 -1.21 0.00	21.78 -1.40 0.00	28.74 -2.13 0.00	36.28 -3.34 0.00	41.16 -3.81 0.00	25.02 -2.23 0.00	29.87 -2.84 0.00	39.62 -4.12 0.00	38.77 -3.95 0.00	34.52 -3.39 0.00	35.91 -2.89 0.00
GE_PLASTICS___DRP 24183	39.46 0.44 0.00	46.61 0.49 0.00	40.94 0.46 0.00	40.28 0.53 0.00	40.15 0.57 0.00	48.43 0.68 0.00	71.54 0.97 0.00	52.06 0.72 0.00	30.64 0.42 0.00	23.82 0.28 0.00	23.24 0.30 0.00	20.91 0.19 0.00	19.67 0.19 0.00	21.41 0.21 0.00	23.43 0.26 0.00	31.23 0.36 0.00	40.21 0.59 0.00	45.83 0.87 0.00	27.95 0.70 0.00	33.41 0.70 0.00	44.46 0.72 0.00	43.45 0.73 0.00	38.58 0.68 0.00	39.42 0.62 0.00
GILBOA___1 23756	39.59 0.57 0.00	46.78 0.66 0.00	41.17 0.69 0.00	40.47 0.73 0.00	40.25 0.67 0.00	48.55 0.81 0.00	71.76 1.20 0.00	52.26 0.93 0.00	30.80 0.58 0.00	23.93 0.39 0.00	23.32 0.38 0.00	21.02 0.30 0.00	19.76 0.28 0.00	21.48 0.28 0.00	23.50 0.33 0.00	31.36 0.49 0.00	40.31 0.69 0.00	45.94 0.98 0.00	28.00 0.76 0.00	33.54 0.82 0.00	44.59 0.85 0.00	43.56 0.84 0.00	38.69 0.78 0.00	39.54 0.75 0.00
GILBOA___2 23757	39.59 0.57 0.00	46.78 0.66 0.00	41.17 0.69 0.00	40.47 0.73 0.00	40.25 0.67 0.00	48.55 0.81 0.00	71.76 1.20 0.00	52.26 0.93 0.00	30.80 0.58 0.00	23.93 0.39 0.00	23.32 0.38 0.00	21.02 0.30 0.00	19.76 0.28 0.00	21.48 0.28 0.00	23.50 0.33 0.00	31.36 0.49 0.00	40.31 0.69 0.00	45.94 0.98 0.00	28.00 0.76 0.00	33.54 0.82 0.00	44.59 0.85 0.00	43.56 0.84 0.00	38.69 0.78 0.00	39.54 0.75 0.00
GILBOA___3 23758	39.59 0.57 0.00	46.78 0.66 0.00	41.17 0.69 0.00	40.47 0.73 0.00	40.25 0.67 0.00	48.55 0.81 0.00	71.76 1.20 0.00	52.26 0.93 0.00	30.80 0.58 0.00	23.93 0.39 0.00	23.32 0.38 0.00	21.02 0.30 0.00	19.76 0.28 0.00	21.48 0.28 0.00	23.50 0.33 0.00	31.36 0.49 0.00	40.31 0.69 0.00	45.94 0.98 0.00	28.00 0.76 0.00	33.54 0.82 0.00	44.59 0.85 0.00	43.56 0.84 0.00	38.69 0.78 0.00	39.54 0.75 0.00

GILBOA___4 23759	39.59 0.57 0.00	46.78 0.66 0.00	41.17 0.69 0.00	40.47 0.73 0.00	40.25 0.67 0.00	48.55 0.81 0.00	71.76 1.20 0.00	52.26 0.93 0.00	30.80 0.58 0.00	23.93 0.39 0.00	23.32 0.38 0.00	21.02 0.30 0.00	19.76 0.28 0.00	21.48 0.28 0.00	23.50 0.33 0.00	31.36 0.49 0.00	40.31 0.69 0.00	45.94 0.98 0.00	28.00 0.76 0.00	33.54 0.82 0.00	44.59 0.85 0.00	43.56 0.84 0.00	38.69 0.78 0.00	39.54 0.75 0.00
GILBOA____ 23599	39.59 0.57 0.00	46.78 0.66 0.00	41.17 0.69 0.00	40.48 0.73 0.00	40.25 0.67 0.00	48.55 0.81 0.00	71.75 1.19 0.00	52.27 0.93 0.00	30.80 0.58 0.00	23.94 0.40 0.00	23.32 0.38 0.00	21.02 0.30 0.00	19.76 0.28 0.00	21.48 0.28 0.00	23.50 0.33 0.00	31.36 0.49 0.00	40.31 0.69 0.00	45.94 0.98 0.00	28.01 0.76 0.00	33.54 0.82 0.00	44.59 0.86 0.00	43.56 0.85 0.00	38.69 0.79 0.00	39.55 0.75 0.00
GINNA____ 23603	35.72 -3.30 0.00	42.31 -3.81 0.00	36.97 -3.52 0.00	36.28 -3.47 0.00	36.16 -3.42 0.00	36.55 -3.87 7.32	53.15 -5.74 11.67	46.68 -4.65 0.00	26.66 -2.68 0.87	21.38 -2.08 0.08	20.88 -2.03 0.04	18.95 -1.73 0.04	17.83 -1.61 0.03	19.42 -1.72 0.06	21.24 -1.93 0.00	28.23 -2.64 0.00	36.12 -3.49 0.00	41.12 -3.84 0.00	24.64 -2.26 0.35	29.86 -2.85 0.00	39.32 -4.06 0.36	38.52 -4.00 0.20	33.15 -3.59 1.17	34.14 -3.50 1.16
GLEN PARK____ 23778	39.19 0.17 0.00	46.28 0.16 0.00	40.58 0.09 0.00	39.81 0.06 0.00	39.59 0.01 0.00	47.85 0.10 0.00	70.80 0.23 0.00	51.59 0.25 0.00	30.26 0.04 0.00	23.42 -0.12 0.00	22.62 -0.32 0.00	20.44 -0.28 0.00	19.28 -0.20 0.00	21.06 -0.14 0.00	22.99 -0.18 0.00	30.74 -0.13 0.00	39.90 0.28 0.00	45.87 0.90 0.00	27.80 0.55 0.00	33.25 0.53 0.00	44.31 0.57 0.00	43.08 0.36 0.00	38.14 0.23 0.00	38.94 0.14 0.00
GLENDALE_27_KV_LOAD 356172	40.54 1.52 0.00	47.83 1.72 0.00	42.01 1.52 0.00	41.39 1.64 0.00	41.40 1.82 0.00	49.86 2.12 0.00	73.72 3.16 0.00	53.91 2.57 0.00	31.92 1.70 0.00	24.77 1.23 0.00	24.19 1.25 0.00	21.83 1.11 0.00	20.54 1.07 0.00	22.26 1.06 0.00	24.32 1.15 0.00	32.43 1.56 0.00	41.57 1.95 0.00	47.46 2.50 0.00	29.13 1.88 0.00	34.72 2.01 0.00	46.00 2.27 0.00	44.96 2.24 0.00	40.01 2.11 0.00	40.83 2.03 0.00
GLENWOOD_IC_1_G5 23712	41.04 2.02 0.00	48.53 2.41 0.00	42.55 2.06 0.00	41.93 2.17 0.00	41.90 2.33 0.00	50.46 2.72 0.00	74.30 3.74 0.00	58.08 2.94 -3.80	32.14 1.92 0.00	24.90 1.36 0.00	24.32 1.38 0.00	21.95 1.23 0.00	20.65 1.17 0.00	22.40 1.20 0.00	25.59 1.44 -0.99	46.05 1.98 -13.21	107.01 2.47 -64.92	50.64 2.77 -2.91	52.65 2.06 -23.34	35.90 2.27 -0.93	46.38 2.64 0.00	45.53 2.81 0.00	43.86 2.64 -3.31	41.36 2.56 0.00
GLENWOOD_IC_2_G1 23688	40.92 1.90 0.00	48.38 2.27 0.00	42.42 1.93 0.00	41.81 2.05 0.00	41.78 2.20 0.00	50.29 2.55 0.00	74.16 3.59 0.00	57.93 2.79 -3.80	32.05 1.83 0.00	24.83 1.29 0.00	24.25 1.30 0.00	21.88 1.16 0.00	20.58 1.10 0.00	22.33 1.13 0.00	25.51 1.35 -0.99	45.94 1.86 -13.21	106.90 2.37 -64.92	50.74 2.87 -2.91	52.70 2.11 -23.34	35.97 2.33 -0.93	46.43 2.69 0.00	45.38 2.66 0.00	43.73 2.51 -3.31	41.24 2.44 0.00
GLENWOOD_IC_3_G1 23689	40.92 1.90 0.00	48.38 2.27 0.00	42.42 1.93 0.00	41.81 2.05 0.00	41.78 2.20 0.00	50.29 2.55 0.00	74.16 3.59 0.00	57.93 2.79 -3.80	32.05 1.83 0.00	24.83 1.29 0.00	24.25 1.30 0.00	21.88 1.16 0.00	20.58 1.10 0.00	22.33 1.13 0.00	25.51 1.35 -0.99	45.94 1.86 -13.21	106.90 2.37 -64.92	50.74 2.87 -2.91	52.70 2.11 -23.34	35.97 2.33 -0.93	46.43 2.69 0.00	45.38 2.66 0.00	43.73 2.51 -3.31	41.24 2.44 0.00
GLENWOOD___4 23550	41.04 2.02 0.00	48.53 2.41 0.00	42.55 2.06 0.00	41.93 2.17 0.00	41.90 2.33 0.00	50.46 2.72 0.00	74.30 3.74 0.00	58.08 2.94 -3.80	32.14 1.92 0.00	24.90 1.36 0.00	24.32 1.38 0.00	21.95 1.23 0.00	20.65 1.17 0.00	22.40 1.20 0.00	25.59 1.44 -0.99	46.05 1.98 -13.21	107.02 2.49 -64.92	50.74 2.87 -2.91	52.71 2.13 -23.34	35.98 2.35 -0.93	46.48 2.74 0.00	45.53 2.81 0.00	43.86 2.64 -3.31	41.36 2.56 0.00
GLENWOOD___5 23614	41.04 2.02 0.00	48.53 2.41 0.00	42.55 2.06 0.00	41.93 2.17 0.00	41.90 2.33 0.00	50.46 2.72 0.00	74.30 3.74 0.00	58.08 2.94 -3.80	32.14 1.92 0.00	24.90 1.36 0.00	24.32 1.38 0.00	21.95 1.23 0.00	20.65 1.17 0.00	22.40 1.20 0.00	25.59 1.44 -0.99	46.05 1.98 -13.21	107.02 2.49 -64.92	50.74 2.87 -2.91	52.71 2.13 -23.34	35.98 2.35 -0.93	46.48 2.74 0.00	45.53 2.81 0.00	43.86 2.64 -3.31	41.36 2.56 0.00
GLOBAL GREEN_PORT_GT1 23814	41.56 2.53 0.00	49.50 3.38 0.00	43.47 2.98 0.00	42.90 3.15 0.00	42.92 3.34 0.00	51.87 4.12 0.00	76.50 5.94 0.00	59.72 4.58 -3.80	32.68 2.46 0.00	25.23 1.69 0.00	24.75 1.80 0.00	22.47 1.75 0.00	21.07 1.59 0.00	22.87 1.67 0.00	26.30 2.14 -0.99	47.15 3.08 -13.21	108.71 4.17 -64.92	52.90 5.03 -2.91	53.81 3.22 -23.34	37.21 3.57 -0.93	47.73 4.00 0.00	46.21 3.49 0.00	44.67 3.45 -3.31	42.27 3.47 0.00
GLOBE___DSASP 323697	34.92 -4.10 0.00	41.50 -4.62 0.00	36.24 -4.24 0.00	35.57 -4.18 0.00	35.48 -4.10 0.00	43.68 -4.07 0.00	64.34 -6.23 0.00	45.14 -6.19 0.00	26.72 -3.50 0.00	20.85 -2.69 0.00	20.38 -2.57 0.00	18.60 -2.12 0.00	17.54 -1.95 0.00	19.23 -1.98 0.00	20.91 -2.26 0.00	27.56 -3.30 0.00	34.62 -5.00 0.00	39.19 -5.77 0.00	23.88 -3.37 0.00	28.39 -4.32 0.00	37.76 -5.98 0.00	36.95 -5.77 0.00	33.13 -4.78 0.00	34.61 -4.19 0.00
GOETHSLN___LBMP 323567	40.14 1.12 0.00	47.34 1.22 0.00	41.49 1.01 0.00	40.90 1.15 0.00	40.65 1.35 0.28	49.26 1.52 0.00	72.83 2.26 0.00	53.26 1.93 0.00	31.56 1.34 0.00	24.47 0.93 0.00	23.91 0.96 0.00	21.60 0.88 0.00	20.31 0.83 0.00	22.00 0.80 0.00	24.04 0.87 0.00	32.10 1.23 0.00	41.14 1.52 0.00	46.38 2.00 0.59	28.76 1.58 0.07	31.31 1.65 3.06	45.50 1.76 0.00	44.49 1.77 0.00	37.65 1.70 1.95	32.47 1.61 7.94
GOLAH___69_KV_TB 1_2 80279	37.24 -1.78 0.00	44.13 -1.98 0.00	38.55 -1.94 0.00	37.82 -1.93 0.00	37.69 -1.88 0.00	45.88 -1.86 0.00	67.84 -2.73 0.00	48.50 -2.83 0.00	28.64 -1.58 0.00	22.33 -1.21 0.00	21.77 -1.18 0.00	19.79 -0.93 0.00	18.62 -0.86 0.00	20.33 -0.87 0.00	22.14 -1.03 0.00	29.33 -1.53 0.00	37.41 -2.20 0.00	42.64 -2.32 0.00	25.95 -1.30 0.00	30.99 -1.73 0.00	41.15 -2.59 0.00	40.18 -2.54 0.00	35.63 -2.27 0.00	36.81 -1.99 0.00
GOODYEAR_LAKE_HYD 323669	40.37 1.35 0.00	47.73 1.62 0.00	41.88 1.39 0.00	41.10 1.36 0.00	40.93 1.35 0.00	49.47 1.73 0.00	73.23 2.66 0.00	53.35 2.01 0.00	31.46 1.24 0.00	24.43 0.89 0.00	23.78 0.83 0.00	21.50 0.78 0.00	20.21 0.73 0.00	21.93 0.72 0.00	23.94 0.77 0.00	31.87 1.00 0.00	41.01 1.39 0.00	46.87 1.90 0.00	28.52 1.27 0.00	34.11 1.40 0.00	45.39 1.66 0.00	44.31 1.59 0.00	39.32 1.41 0.00	40.22 1.42 0.00

GOUDEY___7 235031	38.62 -0.40 0.00	45.68 -0.43 0.00	39.99 -0.51 0.00	39.26 -0.49 0.00	39.16 -0.41 0.00	47.28 -0.46 0.00	69.92 -0.64 0.00	50.93 -0.41 0.00	29.98 -0.24 0.00	23.31 -0.23 0.00	22.69 -0.25 0.00	20.49 -0.23 0.00	19.24 -0.24 0.00	20.93 -0.27 0.00	22.87 -0.31 0.00	30.46 -0.40 0.00	39.18 -0.43 0.00	44.71 -0.26 0.00	27.24 -0.02 0.00	32.64 -0.07 0.00	43.31 -0.43 0.00	42.24 -0.48 0.00	37.57 -0.33 0.00	38.48 -0.32 0.00
GOUDEY___7 23579	38.66 -0.36 0.00	45.72 -0.40 0.00	40.02 -0.48 0.00	39.30 -0.45 0.00	39.20 -0.38 0.00	47.32 -0.42 0.00	69.99 -0.57 0.00	50.97 -0.36 0.00	30.01 -0.21 0.00	23.32 -0.22 0.00	22.71 -0.23 0.00	20.51 -0.21 0.00	19.26 -0.22 0.00	20.94 -0.26 0.00	22.89 -0.29 0.00	30.49 -0.38 0.00	39.22 -0.40 0.00	44.75 -0.22 0.00	27.26 0.01 0.00	32.67 -0.04 0.00	43.35 -0.39 0.00	42.28 -0.44 0.00	37.60 -0.30 0.00	38.51 -0.29 0.00
GOUDEY___8 23580	38.62 -0.40 0.00	45.68 -0.43 0.00	39.99 -0.51 0.00	39.26 -0.49 0.00	39.16 -0.41 0.00	47.28 -0.46 0.00	69.92 -0.64 0.00	50.93 -0.41 0.00	29.98 -0.24 0.00	23.31 -0.23 0.00	22.69 -0.25 0.00	20.49 -0.23 0.00	19.24 -0.24 0.00	20.93 -0.27 0.00	22.87 -0.31 0.00	30.46 -0.40 0.00	39.18 -0.43 0.00	44.71 -0.26 0.00	27.24 -0.02 0.00	32.64 -0.07 0.00	43.31 -0.43 0.00	42.24 -0.48 0.00	37.57 -0.33 0.00	38.48 -0.32 0.00
GOWANUS_GT1_1 24077	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.71 0.00	41.51 1.94 0.00	49.95 2.21 0.00	73.84 3.28 0.00	54.03 2.70 0.00	31.98 1.76 0.00	24.81 1.27 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.56 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.24 0.00	53.30 2.23 -8.35	56.69 2.09 -16.70	40.83 2.03 0.00
GOWANUS_GT1_2 24078	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.71 0.00	41.51 1.94 0.00	49.95 2.21 0.00	73.84 3.28 0.00	54.03 2.70 0.00	31.98 1.76 0.00	24.81 1.27 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.56 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.24 0.00	53.30 2.23 -8.35	56.69 2.09 -16.70	40.83 2.03 0.00
GOWANUS_GT1_3 24079	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.71 0.00	41.51 1.94 0.00	49.95 2.21 0.00	73.84 3.28 0.00	54.03 2.70 0.																

GOWANUS_GT2_5 24118	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
GOWANUS_GT2_6 24119	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
GOWANUS_GT2_7 24120	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
GOWANUS_GT2_8 24121	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
GOWANUS_GT3_1 24122	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
GOWANUS_GT3_2 24123	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71</																

GOWANUS_GT4_4 24133	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.71 0.00	41.51 1.94 0.00	49.95 2.21 0.00	73.84 3.28 0.00	54.03 2.70 0.00	31.98 1.76 0.00	24.81 1.27 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.56 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.24 0.00	53.30 2.23 -8.35	56.69 2.09 -16.70	40.83 2.03 0.00
GOWANUS_GT4_5 24134	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.71 0.00	41.51 1.94 0.00	49.95 2.21 0.00	73.84 3.28 0.00	54.03 2.70 0.00	31.98 1.76 0.00	24.81 1.27 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.56 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.24 0.00	53.30 2.23 -8.35	56.69 2.09 -16.70	40.83 2.03 0.00
GOWANUS_GT4_6 24135	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.71 0.00	41.51 1.94 0.00	49.95 2.21 0.00	73.84 3.28 0.00	54.03 2.70 0.00	31.98 1.76 0.00	24.81 1.27 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.56 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.24 0.00	53.30 2.23 -8.35	56.69 2.09 -16.70	40.83 2.03 0.00
GOWANUS_GT4_7 24136	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.71 0.00	41.51 1.94 0.00	49.95 2.21 0.00	73.84 3.28 0.00	54.03 2.70 0.00	31.98 1.76 0.00	24.81 1.27 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.56 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.24 0.00	53.30 2.23 -8.35	56.69 2.09 -16.70	40.83 2.03 0.00
GOWANUS_GT4_8 24137	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.71 0.00	41.51 1.94 0.00	49.95 2.21 0.00	73.84 3.28 0.00	54.03 2.70 0.00	31.98 1.76 0.00	24.81 1.27 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.56 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.24 0.00	53.30 2.23 -8.35	56.69 2.09 -16.70	40.83 2.03 0.00
GREENBSH_115KV_TB3 55895	39.28 0.26 0.00	46.39 0.27 0.00	40.75 0.26 0.00	40.08 0.34 0.00	39.97 0.40 0.00	48.20 0.46 0.00	71.19 0.63 0.00	51.81 0.47 0.00	30.49 0.27 0.00	23.73 0.19 0.00	23.17 0.23 0.00	20.84 0.12 0.00	19.61 0.13 0.00	21.35 0.15 0.00	23.36 0.18 0.00	31.10 0.23 0.00	40.05 0.44 0.00	45.66 0.69 0.00	27.87 0.62 0.00	33.27 0.56 0.00	44.28 0.54 0.00	43.28 0.56 0.00	38.43 0.52 0.00	39.24 0.44 0.00
GREENDGE_115KV_TB5 80291	38.46 -0.57 0.00	45.48 -0.64 0.00	39.78 -0.71 0.00	39.03 -0.72 0.00	38.95 -0.63 0.00	47.07 -0.67 0.00	69.74 -0.83 0.00	50.75 -0.58 0.00	29.89 -0.33 0.00	23.21 -0.33 0.00	22.47 -0.47 0.00	20.29 -0.43 0.00	19.03 -0.45 0.00	20.70 -0.50 0.00	22.59 -0.58 0.00	30.11 -0.76 0.00	38.79 -0.82 0.00	44.47 -0.50 0.00	27.19 -0.05 0.00	32.47 -0.24 0.00	43.03 -0.71 0.00	41.93 -0.79 0.00	37.24 -0.66 0.00	38.16 -0.65 0.00
GREENIDGE___3 23582	38.46 -0.57 0.00	45.48 -0.64 0.00	39.78 -0.71 0.00	39.03 -0.72 0.00	38.95 -0.63 0.00	47.07 -0.67 0.00	69.74 -0.83 0.00	50.75 -0.58 0.00	29.89 -0.33 0.00	23.21 -0.33 0.00	22.47 -0.47 0.00	20.29 -0.43 0.00	19.03 -0.45 0.00	20.70 -0.50 0.00	22.59 -0.58 0.00	30.11 -0.76 0.00	38.79 -0.82 0.00	44.47 -0.50 0.00	27.19 -0.05 0.00	32.47 -0.24 0.00	43.03 -0.71 0.00	41.93 -0.79 0.00	37.24 -0.66 0.00	38.16 -0.65 0.00
GREENIDGE___4 23583	38.45 -0.57 0.00	45.48 -0.64 0.00	39.77 -0.72 0.00	39.03 -0.73 0.00	38.95 -0.63 0.00	56.56 -0.67 -9.48	84.80 -0.88 -15.11	50.75 -0.59 0.00	31.02 -0.33 -1.13	23.31 -0.33 -0.10	22.52 -0.47 -0.05	20.33 -0.43 -0.05	19.07 -0.45 -0.05	20.78 -0.50 -0.08	22.60 -0.58 0.00	30.10 -0.76 0.00	38.79 -0.82 0.00	44.47 -0.50 0.00	27.66 -0.05 -0.46	32.47 -0.24 0.00	43.50 -0.71 -0.47	42.19 -0.79 -0.26	38.76 -0.66 -1.51	39.65 -0.65 -1.49
GREENLWN_69_KV_BK 3 55738	40.82 1.80 0.00	48.31 2.19 0.00	42.42 1.93 0.00	41.79 2.04 0.00	41.75 2.17 0.00	50.20 2.46 0.00	73.80 3.23 0.00	57.88 2.75 -3.80	31.98 1.76 0.00	24.78 1.24 0.00	24.20 1.26 0.00	21.84 1.12 0.00	20.53 1.05 0.00	22.25 1.05 0.00	25.48 1.32 -0.99	45.89 1.82 -13.21	106.81 2.27 -64.92	50.78 2.91 -2.91	52.66 2.07 -23.34	35.91 2.27 -0.93	46.32 2.58 0.00	45.17 2.45 0.00	43.64 2.42 -3.31	41.17 2.37 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.71 0.00	41.51 1.94 0.00	49.95 2.21 0.00	73.84 3.28 0.00	54.03 2.70 0.00	31.98 1.76 0.00	24.81 1.27 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.56 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.24 0.00	53.30 2.23 -8.35	56.69 2.09 -16.70	40.83 2.03 0.00
GRISSOM___SOLAR 323813	42.83 3.81 0.00	50.53 4.41 0.00	44.30 3.80 0.00	43.46 3.71 0.00	43.30 3.72 0.00	52.40 4.65 0.00	77.57 7.00 0.00	56.65 5.32 0.00	33.06 2.84 0.00	24.91 1.37 0.00	23.84 0.90 0.00	21.49 0.77 0.00	20.24 0.76 0.00	21.99 0.79 0.00	24.05 0.87 0.00	32.19 1.33 0.00	42.74 3.13 0.00	50.20 5.24 0.00	30.54 3.29 0.00	36.53 3.81 0.00	48.71 4.97 0.00	47.45 4.73 0.00	41.92 4.01 0.00	42.83 4.02 0.00
GROVEVILLE___HYD 323602	40.64 1.62 0.00	47.96 1.84 0.00	42.04 1.55 0.00	41.40 1.65 0.00	41.36 1.78 0.00	49.88 2.13 0.00	73.78 3.22 0.00	53.84 2.51 0.00	31.79 1.57 0.00	24.66 1.11 0.00	24.01 1.07 0.00	21.63 0.92 0.00	20.33 0.85 0.00	22.06 0.86 0.00	24.18 1.01 0.00	32.34 1.47 0.00	41.58 1.97 0.00	47.55 2.59 0.00	29.10 1.85 0.00	34.75 2.03 0.00	46.06 2.32 0.00	44.96 2.24 0.00	39.96 2.05 0.00	40.76 1.96 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.42 -0.60 0.00	45.39 -0.73 0.00	39.73 -0.76 0.00	38.95 -0.80 0.00	38.80 -0.77 0.00	46.88 -0.87 0.00	69.30 -1.27 0.00	50.39 -0.95 0.00	29.68 -0.54 0.00	23.10 -0.44 0.00	22.51 -0.44 0.00	20.36 -0.36 0.00	19.14 -0.34 0.00	20.82 -0.38 0.00	22.72 -0.45 0.00	30.26 -0.61 0.00	38.87 -0.75 0.00	44.31 -0.66 0.00	26.96 -0.29 0.00	32.27 -0.44 0.00	42.93 -0.80 0.00	41.93 -0.79 0.00	37.18 -0.73 0.00	38.04 -0.76 0.00
HAMLTNNY_34_KV_TB 80303	38.46 -0.56 0.00	45.45 -0.67 0.00	39.73 -0.76 0.00	38.98 -0.77 0.00	38.84 -0.73 0.00	46.94 -0.80 0.00	69.36 -1.21 0.00	50.43 -0.90 0.00	29.70 -0.53 0.00	23.11 -0.43 0.00	22.51 -0.44 0.00	20.35 -0.37 0.00	19.14 -0.35 0.00	20.80 -0.40 0.00	22.70 -0.47 0.00	30.25 -0.62 0.00	38.85 -0.76 0.00	44.34 -0.62 0.00	26.99 -0.26 0.00	32.29 -0.42 0.00	42.93 -0.81 0.00	41.95 -0.77 0.00	37.20 -0.71 0.00	38.02 -0.78 0.00

HAMPSHIRE___PAPER_HYD 323593	39.17 0.14 0.00	46.32 0.20 0.00	40.86 0.37 0.00	40.09 0.35 0.00	39.84 0.26 0.00	47.95 0.21 0.00	70.52 -0.05 0.00	51.38 0.05 0.00	30.15 -0.07 0.00	23.54 0.00 0.00	22.88 -0.06 0.00	20.64 -0.08 0.00	19.40 -0.07 0.00	21.17 -0.03 0.00	23.16 -0.01 0.00	30.94 0.07 0.00	39.76 0.14 0.00	45.17 0.21 0.00	27.21 -0.05 0.00	32.67 -0.04 0.00	43.79 0.05 0.00	42.72 0.00 0.00	37.92 0.02 0.00	38.92 0.12 0.00
HARDSCRABBLE_WT_PWR 323673	38.95 -0.07 0.00	45.97 -0.15 0.00	40.31 -0.19 0.00	39.65 -0.10 0.00	39.59 0.01 0.00	47.82 0.08 0.00	70.86 0.30 0.00	51.59 0.25 0.00	30.27 0.05 0.00	23.39 -0.15 0.00	22.71 -0.23 0.00	20.38 -0.34 0.00	19.18 -0.30 0.00	20.88 -0.32 0.00	22.86 -0.31 0.00	30.69 -0.18 0.00	39.73 0.12 0.00	45.60 0.64 0.00	27.88 0.63 0.00	33.35 0.64 0.00	44.27 0.53 0.00	43.20 0.48 0.00	38.31 0.40 0.00	38.99 0.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.31 1.29 0.00	47.58 1.47 0.00	41.69 1.20 0.00	41.04 1.30 0.00	41.01 1.43 0.00	49.47 1.72 0.00	73.15 2.58 0.00	53.40 2.07 0.00	31.53 1.31 0.00	24.45 0.91 0.00	23.82 0.88 0.00	21.48 0.76 0.00	20.19 0.72 0.00	21.92 0.72 0.00	23.99 0.82 0.00	32.07 1.20 0.00	41.20 1.58 0.00	47.11 2.14 0.00	28.83 1.58 0.00	34.41 1.70 0.00	45.66 1.92 0.00	44.58 1.86 0.00	39.61 1.70 0.00	40.44 1.64 0.00
HARSNRAD_115KV_TB1 81005	35.56 -3.46 0.00	42.24 -3.88 0.00	36.89 -3.60 0.00	36.19 -3.56 0.00	36.11 -3.47 0.00	44.46 -3.28 0.00	65.52 -5.05 0.00	46.04 -5.30 0.00	27.23 -2.99 0.00	21.36 -2.18 0.00	20.87 -2.08 0.00	19.04 -1.68 0.00	17.94 -1.55 0.00	19.63 -1.57 0.00	21.35 -1.82 0.00	28.16 -2.70 0.00	35.49 -4.13 0.00	40.27 -4.70 0.00	24.48 -2.77 0.00	29.19 -3.53 0.00	38.73 -5.01 0.00	37.92 -4.81 0.00	33.75 -4.15 0.00	35.27 -3.53 0.00
HARZA MOOSE___RIVER 24016	39.63 0.61 0.00	46.81 0.70 0.00	41.10 0.61 0.00	40.34 0.59 0.00	40.14 0.56 0.00	48.49 0.75 0.00	71.73 1.16 0.00	52.25 0.92 0.00	30.71 0.48 0.00	23.83 0.29 0.00	23.14 0.19 0.00	20.87 0.15 0.00	19.61 0.13 0.00	21.38 0.18 0.00	23.35 0.17 0.00	31.19 0.32 0.00	40.32 0.70 0.00	46.07 1.11 0.00	27.94 0.69 0.00	33.46 0.75 0.00	44.63 0.90 0.00	43.48 0.76 0.00	38.54 0.63 0.00	39.41 0.61 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.05 -0.97 0.00	44.97 -1.15 0.00	39.37 -1.12 0.00	38.58 -1.17 0.00	38.44 -1.14 0.00	46.43 -1.31 0.00	68.66 -1.91 0.00	49.89 -1.45 0.00	29.42 -0.80 0.00	22.91 -0.63 0.00	22.32 -0.63 0.00	20.20 -0.52 0.00	18.99 -0.49 0.00	20.66 -0.54 0.00	22.55 -0.63 0.00	29.98 -0.89 0.00	38.49 -1.12 0.00	43.86 -1.10 0.00	26.69 -0.56 0.00	31.96 -0.75 0.00	42.53 -1.21 0.00	41.50 -1.22 0.00	36.81 -1.10 0.00	37.68 -1.12 0.00
HELLGATE_13_KV_LD 55870	40.34 1.32 0.00	47.61 1.50 0.00	41.84 1.35 0.00	41.22 1.47 0.00	41.23 1.65 0.00	49.64 1.89 0.00	73.40 2.84 0.00	53.69 2.35 0.00	31.77 1.55 0.00	24.65 1.11 0.00	24.09 1.14 0.00	21.72 1.01 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.20 1.02 0.00	32.26 1.39 0.00	41.36 1.74 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.54 1.83 0.00	45.78 2.04 0.00	44.75 2.03 0.00	39.81 1.90 0.00	40.64 1.84 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.34 1.32 0.00	47.61 1.50 0.00	41.84 1.35 0.00	41.22 1.47 0.00	41.23 1.65 0.00	49.64 1.89 0.00	73.40 2.84 0.00	53.69 2.35 0.00	31.77 1.55 0.00	24.65 1.11 0.00	24.09 1.14 0.00	21.72 1.01 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.20 1.02 0.00	32.26 1.39 0.00	41.36 1.74 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.54 1.83 0.00	45.78 2.04 0.00	44.75 2.03 0.00	39.81 1.90 0.00	40.64 1.84 0.00
HEMPSTEAD____ 23647	40.88 1.86 0.00	48.36 2.24 0.00	42.41 1.92 0.00	41.79 2.03 0.00	41.76 2.18 0.00	50.27 2.53 0.00	74.07 3.50 0.00	57.85 2.71 -3.80	32.02 1.80 0.00	24.80 1.25 0.00	24.21 1.27 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.30 1.10 0.00	25.50 1.34 -0.99	45.93 1.86 -13.21	106.88 2.35 -64.92	50.71 2.84 -2.91	52.71 2.12 -23.34	35.98 2.34 -0.93	46.44 2.70 0.00	45.36 2.64 0.00	43.71 2.50 -3.31	41.21 2.41 0.00
HEWLETT__69_KV_BK3 55828	41.08 2.06 0.00	48.59 2.47 0.00	42.60 2.11 0.00	42.01 2.26 0.00	41.97 2.39 0.00	50.52 2.78 0.00	74.13 3.57 0.00	57.81 2.67 -3.80	32.15 1.93 0.00	24.92 1.38 0.00	24.34 1.39 0.00	21.97 1.26 0.00	20.70 1.22 0.00	22.45 1.25 0.00	25.63 1.47 -0.99	46.09 2.02 -13.21	107.07 2.53 -64.92	50.98 3.10 -2.91	52.89 2.30 -23.34	36.20 2.56 -0.93	46.73 2.99 0.00	45.57 2.85 0.00	43.89 2.67 -3.31	41.39 2.59 0.00
HICKLING___1 23621	38.58 -0.44 0.00	45.66 -0.46 0.00	39.90 -0.59 0.00	39.19 -0.56 0.00	39.14 -0.43 0.00	47.22 -0.52 0.00	69.93 -0.63 0.00	51.04 -0.30 0.00	30.00 -0.22 0.00	23.26 -0.29 0.00	22.60 -0.35 0.00	20.40 -0.32 0.00	19.11 -0.37 0.00	20.79 -0.41 0.00	22.72 -0.45 0.00	30.26 -0.60 0.00	39.05 -0.57 0.00	44.71 -0.25 0.00	27.24 -0.01 0.00	32.69 -0.02 0.00	43.25 -0.49 0.00	42.14 -0.58 0.00	37.54 -0.36 0.00	38.44 -0.36 0.00
HICKLING___2 23622	38.58 -0.44 0.00	45.66 -0.46 0.00	39.90 -0.59 0.00	39.19 -0.56 0.00	39.14 -0.43 0.00	47.22 -0.52 0.00	69.93 -0.63 0.00	51.04 -0.30 0.00	30.00 -0.22 0.00	23.26 -0.29 0.00	22.60 -0.35 0.00	20.40 -0.32 0.00	19.11 -0.37 0.00	20.79 -0.41 0.00	22.72 -0.45 0.00	30.26 -0.60 0.00	39.05 -0.57 0.00	44.71 -0.25 0.00	27.24 -0.01 0.00	32.69 -0.02 0.00	43.25 -0.49 0.00	42.14 -0.58 0.00	37.54 -0.36 0.00	38.44 -0.36 0.00
HIGH FALLS___HY 23754	40.69 1.66 0.00	48.01 1.89 0.00	42.07 1.58 0.00	41.35 1.60 0.00	41.33 1.75 0.00	49.86 2.12 0.00	73.80 3.23 0.00	53.93 2.59 0.00	31.86 1.64 0.00	24.63 1.09 0.00	23.90 0.95 0.00	21.52 0.80 0.00	20.19 0.71 0.00	21.88 0.68 0.00	23.98 0.81 0.00	32.14 1.28 0.00	41.42 1.80 0.00	47.54 2.57 0.00	29.13 1.88 0.00	34.79 2.08 0.00	46.11 2.37 0.00	44.97 2.25 0.00	39.97 2.06 0.00	40.76 1.96 0.00
HILLBURN___GT 23639	40.18 1.16 0.00	47.45 1.33 0.00	41.57 1.08 0.00	40.92 1.17 0.00	40.90 1.33 0.00	49.33 1.58 0.00	72.96 2.39 0.00	53.26 1.92 0.00	31.47 1.25 0.00	24.40 0.86 0.00	23.79 0.85 0.00	21.46 0.75 0.00	20.18 0.70 0.00	21.89 0.69 0.00	23.96 0.78 0.00	32.00 1.13 0.00	41.06 1.44 0.00	46.93 1.96 0.00	28.74 1.48 0.00	34.29 1.57 0.00	45.50 1.76 0.00	44.42 1.70 0.00	39.49 1.58 0.00	40.33 1.53 0.00
HILLSIDE_115KV_TB1 80332	37.99 -1.04 0.00	44.93 -1.19 0.00	39.26 -1.23 0.00	38.59 -1.16 0.00	38.55 -1.03 0.00	46.47 -1.27 0.00	68.79 -1.78 0.00	50.23 -1.11 0.00	29.52 -0.70 0.00	22.93 -0.61 0.00	22.32 -0.63 0.00	20.15 -0.57 0.00	18.89 -0.60 0.00	20.54 -0.66 0.00	22.45 -0.72 0.00	29.91 -0.96 0.00	38.51 -1.11 0.00	44.01 -0.95 0.00	26.82 -0.43 0.00	32.22 -0.50 0.00	42.61 -1.13 0.00	41.52 -1.20 0.00	37.01 -0.89 0.00	37.88 -0.92 0.00

HISHELDN_WT_PWR 323625	35.97 -3.05 0.00	42.71 -3.41 0.00	37.30 -3.19 0.00	36.56 -3.19 0.00	36.54 -3.04 0.00	22.96 -2.87 21.91	30.96 -4.68 34.93	46.67 -4.66 0.00	25.02 -2.60 2.61	21.39 -1.91 0.24	21.04 -1.80 0.11	19.16 -1.45 0.11	18.04 -1.34 0.10	19.67 -1.35 0.18	21.62 -1.55 0.00	28.53 -2.33 0.00	36.00 -3.62 0.00	40.81 -4.16 0.00	23.74 -2.45 1.06	29.57 -3.14 0.00	38.19 -4.47 1.08	37.85 -4.28 0.60	30.74 -3.66 3.50	32.14 -3.20 3.46
HOLTSVILLE_IC_1 23690	41.11 2.09 0.00	48.81 2.69 0.00	42.83 2.34 0.00	42.22 2.46 0.00	42.22 2.64 0.00	50.87 3.13 0.00	74.97 4.40 0.00	58.58 3.44 -3.80	32.19 1.97 0.00	24.93 1.39 0.00	24.41 1.46 0.00	22.05 1.33 0.00	20.70 1.22 0.00	22.45 1.25 0.00	25.72 1.56 -0.99	46.21 2.14 -13.21	107.36 2.83 -64.92	51.35 3.47 -2.91	53.01 2.42 -23.34	36.38 2.74 -0.93	46.90 3.16 0.00	45.62 2.91 0.00	44.11 2.89 -3.31	41.65 2.84 0.00
HOLTSVILLE_IC_10 23699	41.28 2.26 0.00	49.04 2.92 0.00	43.02 2.53 0.00	42.40 2.65 0.00	42.41 2.83 0.00	51.11 3.37 0.00	75.34 4.77 0.00	58.85 3.71 -3.80	32.31 2.09 0.00	25.02 1.48 0.00	24.51 1.57 0.00	22.13 1.41 0.00	20.78 1.30 0.00	22.54 1.34 0.00	25.83 1.67 -0.99	46.37 2.30 -13.21	107.59 3.06 -64.92	51.64 3.76 -2.91	53.18 2.59 -23.34	36.59 2.96 -0.93	47.16 3.42 0.00	45.86 3.14 0.00	44.31 3.09 -3.31	41.85 3.05 0.00
HOLTSVILLE_IC_2 23691	41.11 2.09 0.00	48.81 2.69 0.00	42.83 2.34 0.00	42.22 2.46 0.00	42.22 2.64 0.00	50.87 3.13 0.00	74.97 4.40 0.00	58.58 3.44 -3.80	32.19 1.97 0.00	24.93 1.39 0.00	24.41 1.46 0.00	22.05 1.33 0.00	20.70 1.22 0.00	22.45 1.25 0.00	25.72 1.56 -0.99	46.21 2.14 -13.21	107.36 2.83 -64.92	51.35 3.47 -2.91	53.01 2.42 -23.34	36.38 2.74 -0.93	46.90 3.16 0.00	45.62 2.91 0.00	44.11 2.89 -3.31	41.65 2.84 0.00
HOLTSVILLE_IC_3 23692	41.11 2.09 0.00	48.81 2.69 0.00	42.83 2.34 0.00	42.22 2.46 0.00	42.22 2.64 0.00	50.87 3.13 0.00	74.97 4.40 0.00	58.58 3.44 -3.80	32.19 1.97 0.00	24.93 1.39 0.00	24.41 1.46 0.00	22.05 1.33 0.00	20.70 1.22 0.00	22.45 1.25 0.00	25.72 1.56 -0.99	46.21 2.14 -13.21	107.36 2.83 -64.92	51.35 3.47 -2.91	53.01 2.42 -23.34	36.38 2.74 -0.93	46.90 3.16 0.00	45.62 2.91 0.00	44.11 2.89 -3.31	41.65 2.84 0.00
HOLTSVILLE_IC_4 23693	41.11 2.09 0.00	48.81 2.69 0.00	42.83 2.34 0.00	42.22 2.46 0.00	42.22 2.64 0.00	50.87 3.13 0.00	74.97 4.40 0.00	58.58 3.44 -3.80	32.19 1.97 0.00	24.93 1.39 0.00	24.41 1.46 0.00	22.05 1.33 0.00	20.70 1.22 0.00	22.45 1.25 0.00	25.72 1.56 -0.99	46.21 2.14 -13.21	107.36 2.83 -64.92	51.35 3.47 -2.91	53.01 2.42 -23.34	36.38 2.74 -0.93	46.90 3.16 0.00	45.62 2.91 0.00	44.11 2.89 -3.31	41.65 2.84 0.00
HOLTSVILLE_IC_5 23694	41.11 2.09 0.00	48.81 2.69 0.00	42.83 2.34 0.00	42.22 2.46 0.00	42.22 2.64 0.00	50.87 3.13 0.00	74.97 4.40 0.00	58.58 3.44 -3.80	32.19 1.97 0.00	24.93 1.39 0.00	24.41 1.46 0.00	22.05 1.33 0.00	20.70 1.22 0.00	22.45 1.25 0.00	25.72 1.56 -0.99	46.21 2.14 -13.21	107.36 2.83 -64.92	51.35 3.47 -2.91	53.01 2.42 -23.34	36.38 2.74 -0.93	46.90 3.16 0.00	45.62 2.91 0.00	44.11 2.89 -3.31	41.65 2.84 0.00
HOLTSVILLE_IC_6 23695	41.28 2.26 0.00	49.04 2.92 0.00	43.02 2.53 0.00	42.40 2.65 0.00	42.41 2.83 0.00	51.11 3.37 0.00	75.34 4.77 0.00	58.85 3.71 -3.80	32.31 2.09 0.00	25.02 1.48 0.00	24.51 1.57 0.00	22.13 1.41 0.00	20.78 1.30 0.00	22.54 1.34 0.00	25.83 1.67 -0.99	46.37 2.30 -13.21	107.59 3.06 -64.92	51.64 3.76 -2.91	53.18 2.59 -23.34	36.59 2.96 -0.93	47.16 3.42 0.00	45.86 3.14 0.00	44.31 3.09 -3.31	41.85 3.05 0.00
HOLTSVILLE_IC_7 23696	41.28 2.26 0.00	49.04 2.92 0.00	43.02 2.53 0.00	42.40 2.65 0.00	42.41 2.83 0.00	51.11 3.37 0.00	75.34 4.77 0.00	58.85 3.71 -3.80	32.31 2.09 0.00	25.02 1.48 0.00	24.51 1.57 0.00	22.13 1.41 0.00	20.78 1.30 0.00	22.54 1.34 0.00	25.83 1.67 -0.99	46.37 2.30 -13.21	107.59 3.06 -64.92	51.64 3.76 -2.91	53.18 2.59 -23.34	36.59 2.96 -0.93	47.16 3.42 0.00	45.86 3.14 0.00	44.31 3.09 -3.31	41.85 3.05 0.00
HOLTSVILLE_IC_8 23697	41.28 2.26 0.00	49.04 2.92 0.00	43.02 2.53 0.00	42.40 2.65 0.00	42.41 2.83 0.00	51.11 3.37 0.00	75.34 4.77 0.00	58.85 3.71 -3.80	32.31 2.09 0.00	25.02 1.48 0.00	24.51 1.57 0.00	22.13 1.41 0.00	20.78 1.30 0.00	22.54 1.34 0.00	25.83 1.67 -0.99	46.37 2.30 -13.21	107.59 3.06 -64.92	51.64 3.76 -2.91	53.18 2.59 -23.34	36.59 2.96 -0.93	47.16 3.42 0.00	45.86 3.14 0.00	44.31 3.09 -3.31	41.85 3.05 0.00
HOLTSVILLE_IC_9 23698	41.28 2.26 0.00	49.04 2.92 0.00	43.02 2.53 0.00	42.40 2.65 0.00	42.41 2.83 0.00	51.11 3.37 0.00	75.34 4.77 0.00	58.85 3.71 -3.80	32.31 2.09 0.00	25.02 1.48 0.00	24.51 1.57 0.00	22.13 1.41 0.00	20.78 1.30 0.00	22.54 1.34 0.00	25.83 1.67 -0.99	46.37 2.30 -13.21	107.59 3.06 -64.92	51.64 3.76 -2.91	53.18 2.59 -23.34	36.59 2.96 -0.93	47.16 3.42 0.00	45.86 3.14 0.00	44.31 3.09 -3.31	41.85 3.05 0.00
HOMER_HL_115KV_TB2 355744	37.21 -1.81 0.00	44.16 -1.96 0.00	38.42 -2.07 0.00	37.73 -2.02 0.00	37.63 -1.95 0.00	45.81 -1.93 0.00	67.48 -3.09 0.00	48.09 -3.24 0.00	28.73 -1.49 0.00	22.51 -1.03 0.00	22.00 -0.94 0.00	19.99 -0.73 0.00	18.80 -0.68 0.00	20.42 -0.78 0.00	22.26 -0.92 0.00	29.29 -1.58 0.00	37.21 -2.41 0.00	42.19 -2.77 0.00	25.73 -1.52 0.00	30.70 -2.02 0.00	40.70 -3.04 0.00	39.76 -2.96 0.00	35.67 -2.24 0.00	37.12 -1.68 0.00
HOWARD_WT_PWR 323690	39.02 0.00 0.00	46.42 0.30 0.00	40.50 0.01 0.00	39.81 0.06 0.00	39.75 0.17 0.00	55.28 0.21 -7.32	82.71 0.48 -11.66	51.92 0.59 0.00	31.45 0.36 -0.87	23.68 0.06 -0.08	22.83 -0.16 -0.04	20.56 -0.19 -0.04	19.24 -0.27 -0.03	20.97 -0.29 -0.06	22.78 -0.39 0.00	30.28 -0.58 0.00	39.31 -0.30 0.00	45.28 0.32 0.00	27.93 0.33 -0.35	32.98 0.26 0.00	43.98 -0.12 -0.36	42.83 -0.09 -0.20	39.20 0.13 -1.17	40.09 0.13 -1.16
HQ_GEN_CEDARS 23644	39.79 0.76 0.00	47.11 0.99 0.00	41.74 1.26 0.00	40.96 1.21 0.00	40.70 1.12 0.00	48.98 1.23 0.00	71.87 1.30 0.00	52.29 0.96 0.00	30.71 0.49 0.00	24.15 0.61 0.00	23.57 0.62 0.00	21.29 0.57 0.00	20.00 0.52 0.00	21.81 0.61 0.00	23.88 0.70 0.00	31.78 0.91 0.00	40.45 0.83 0.00	45.58 0.61 0.00	27.32 0.07 0.00	32.95 0.23 0.00	44.37 0.64 0.00	43.39 0.67 0.00	38.47 0.57 0.00	39.54 0.74 0.00
HQ_GEN_CEDARS_PROXY 323590	39.79 0.76 0.00	47.11 0.99 0.00	41.74 1.26 0.00	40.96 1.21 0.00	40.70 1.12 0.00	48.97 1.23 0.00	71.87 1.30 0.00	52.29 0.96 0.00	30.71 0.49 0.00	24.16 0.62 0.00	23.57 0.62 0.00	21.29 0.57 0.00	20.00 0.52 0.00	21.81 0.61 0.00	23.88 0.70 0.00	31.78 0.91 0.00	40.45 0.83 0.00	45.58 0.61 0.00	22.54 0.07 4.78	32.95 0.23 0.00	48.70 0.64 -4.33	43.39 0.67 0.00	38.47 0.57 0.00	39.54 0.74 0.00

HQ_GEN_IMPORT 323601	39.45 0.43 0.00	46.65 0.53 0.00	41.03 0.54 0.00	40.28 0.53 0.00	40.04 0.47 0.00	48.28 0.53 0.00	71.31 0.75 0.00	51.89 0.55 0.00	30.51 0.29 0.00	23.82 0.28 0.00	23.27 0.29 -0.03	20.90 0.27 0.09	19.73 0.25 0.00	21.50 0.30 0.00	24.00 0.34 -0.48	31.29 0.43 0.00	40.09 0.47 0.00	50.37 0.23 -5.18	20.97 -0.08 6.20	28.80 0.06 3.97	47.47 0.38 -3.35	43.12 0.40 0.00	38.23 0.33 0.00	39.18 0.38 0.00
HQ_GEN_WHEEL 23651	39.45 0.43 0.00	46.65 0.53 0.00	41.03 0.54 0.00	40.28 0.53 0.00	40.04 0.47 0.00	48.28 0.53 0.00	71.31 0.75 0.00	51.89 0.55 0.00	30.51 0.29 0.00	23.82 0.28 0.00	23.27 0.29 -0.03	20.90 0.27 0.09	19.73 0.25 0.00	21.50 0.30 0.00	24.00 0.34 -0.48	31.29 0.43 0.00	40.09 0.47 0.00	50.37 0.23 -5.18	20.97 -0.08 6.20	28.80 0.06 3.97	47.47 0.38 -3.35	43.12 0.40 0.00	38.23 0.33 0.00	39.18 0.38 0.00
HUDSON AVE_GT_3 23810	40.42 1.40 0.00	47.65 1.53 0.00	41.79 1.30 0.00	41.21 1.46 0.00	41.22 1.64 0.00	49.63 1.88 0.00	73.34 2.77 0.00	53.64 2.30 0.00	31.77 1.55 0.00	24.65 1.10 0.00	24.08 1.13 0.00	21.74 1.02 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.21 1.04 0.00	32.32 1.46 0.00	41.44 1.82 0.00	47.31 2.35 0.00	29.04 1.79 0.00	34.63 1.91 0.00	45.84 2.10 0.00	44.81 2.09 0.00	39.88 1.97 0.00	40.70 1.90 0.00
HUDSON AVE_GT_4 23540	40.42 1.40 0.00	47.65 1.53 0.00	41.79 1.30 0.00	41.21 1.46 0.00	41.22 1.64 0.00	49.63 1.88 0.00	73.34 2.77 0.00	53.64 2.30 0.00	31.77 1.55 0.00	24.65 1.10 0.00	24.08 1.13 0.00	21.74 1.02 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.21 1.04 0.00	32.32 1.46 0.00	41.44 1.82 0.00	47.31 2.35 0.00	29.04 1.79 0.00	34.63 1.91 0.00	45.84 2.10 0.00	44.81 2.09 0.00	39.88 1.97 0.00	40.70 1.90 0.00
HUDSON AVE_GT_5 23657	40.42 1.40 0.00	47.65 1.53 0.00	41.79 1.30 0.00	41.21 1.46 0.00	41.22 1.64 0.00	49.63 1.88 0.00	73.34 2.77 0.00	53.64 2.30 0.00	31.77 1.55 0.00	24.65 1.10 0.00	24.08 1.13 0.00	21.74 1.02 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.21 1.04 0.00	32.32 1.46 0.00	41.44 1.82 0.00	47.31 2.35 0.00	29.04 1.79 0.00	34.63 1.91 0.00	45.84 2.10 0.00	44.81 2.09 0.00	39.88 1.97 0.00	40.70 1.90 0.00
HUDSON_AVE_10 24168	40.33 1.31 0.00	47.54 1.42 0.00	41.71 1.22 0.00	41.13 1.38 0.00	41.16 1.58 0.00	49.55 1.81 0.00	73.26 2.69 0.00	53.57 2.23 0.00	31.70 1.48 0.00	24.57 1.03 0.00	24.02 1.08 0.00	21.68 0.96 0.00	20.40 0.92 0.00	22.10 0.90 0.00	24.15 0.98 0.00	32.24 1.38 0.00	41.34 1.72 0.00	47.23 2.27 0.00	28.99 1.74 0.00	34.56 1.85 0.00	45.75 2.02 0.00	44.74 2.02 0.00	39.80 1.90 0.00	40.62 1.83 0.00
HUDSON___115KV_TB 4 355613	40.23 1.21 0.00	47.50 1.39 0.00	41.72 1.23 0.00	41.04 1.29 0.00	40.91 1.34 0.00	49.40 1.65 0.00	73.03 2.46 0.00	53.17 1.83 0.00	31.20 0.98 0.00	24.13 0.59 0.00	23.48 0.53 0.00	21.09 0.38 0.00	19.83 0.35 0.00	21.59 0.39 0.00	23.63 0.46 0.00	31.59 0.73 0.00	40.97 1.36 0.00	46.95 1.99 0.00	28.65 1.40 0.00	34.22 1.51 0.00	45.50 1.76 0.00	44.41 1.69 0.00	39.37 1.46 0.00	40.17 1.37 0.00
HUNTER MOUNT___DRP 323613	40.57 1.54 0.00	47.90 1.78 0.00	42.08 1.59 0.00	41.39 1.64 0.00	41.24 1.66 0.00	49.82 2.07 0.00	73.68 3.11 0.00	53.63 2.29 0.00	31.43 1.21 0.00	24.26 0.72 0.00	23.59 0.64 0.00	21.17 0.45 0.00	19.90 0.42 0.00	21.68 0.48 0.00	23.74 0.57 0.00	31.77 0.90 0.00	41.32 1.70 0.00	47.42 2.46 0.00	28.93 1.68 0.00	34.53 1.82 0.00	45.93 2.19 0.00	44.79 2.08 0.00	39.67 1.77 0.00	40.47 1.67 0.00
HUNTINGTON_RES_REC 323705	40.99 1.97 0.00	48.56 2.44 0.00	42.63 2.14 0.00	42.01 2.25 0.00	41.98 2.41 0.00	50.51 2.77 0.00	74.40 3.83 0.00	58.23 3.10 -3.80	32.10 1.88 0.00	24.85 1.31 0.00	24.30 1.35 0.00	21.92 1.21 0.00	20.59 1.11 0.00	22.33 1.13 0.00	25.59 1.43 -0.99	46.05 1.98 -13.21	107.11 2.58 -64.92	51.16 3.28 -2.91	52.89 2.30 -23.34	36.20 2.56 -0.93	46.68 2.94 0.00	45.45 2.73 0.00	43.91 2.69 -3.31	41.42 2.62 0.00
HUNTLEY___63 23557	35.86 -3.16 0.00	42.59 -3.53 0.00	37.18 -3.31 0.00	36.48 -3.27 0.00	36.41 -3.17 0.00	44.77 -2.97 0.00	66.01 -4.55 0.00	46.44 -4.90 0.00	27.48 -2.74 0.00	21.51 -2.03 0.00	21.02 -1.93 0.00	19.16 -1.56 0.00	18.05 -1.43 0.00	19.76 -1.44 0.00	21.50 -1.67 0.00	28.36 -2.50 0.00	35.74 -3.88 0.00	40.55 -4.42 0.00	24.68 -2.57 0.00	29.40 -3.32 0.00	39.03 -4.70 0.00	38.19 -4.53 0.00	34.08 -3.82 0.00	35.56 -3.24 0.00
HUNTLEY___64 23558	35.86 -3.16 0.00	42.59 -3.53 0.00	37.18 -3.31 0.00	36.48 -3.27 0.00	36.41 -3.17 0.00	44.77 -2.97 0.00	66.01 -4.55 0.00	46.44 -4.90 0.00	27.48 -2.74 0.00	21.51 -2.03 0.00	21.02 -1.93 0.00	19.16 -1.56 0.00	18.05 -1.43 0.00	19.76 -1.44 0.00	21.50 -1.67 0.00	28.36 -2.50 0.00	35.74 -3.88 0.00	40.55 -4.42 0.00	24.68 -2.57 0.00	29.40 -3.32 0.00	39.03 -4.70 0.00	38.19 -4.53 0.00	34.08 -3.82 0.00	35.56 -3.24 0.00
HUNTLEY___65 23559	35.86 -3.16 0.00	42.59 -3.53 0.00	37.18 -3.31 0.00	36.48 -3.27 0.00	36.41 -3.17 0.00	44.77 -2.97 0.00	66.01 -4.55 0.00	46.44 -4.90 0.00	27.48 -2.74 0.00	21.51 -2.03 0.00	21.02 -1.93 0.00	19.16 -1.56 0.00	18.05 -1.43 0.00	19.76 -1.44 0.00	21.50 -1.67 0.00	28.36 -2.50 0.00	35.74 -3.88 0.00	40.55 -4.42 0.00	24.68 -2.57 0.00	29.40 -3.32 0.00	39.03 -4.70 0.00	38.19 -4.53 0.00	34.08 -3.82 0.00	35.56 -3.24 0.00
HUNTLEY___66 23560	35.86 -3.16 0.00	42.59 -3.53 0.00	37.18 -3.31 0.00	36.48 -3.27 0.00	36.41 -3.17 0.00	44.77 -2.97 0.00	66.01 -4.55 0.00	46.44 -4.90 0.00	27.48 -2.74 0.00	21.51 -2.03 0.00	21.02 -1.93 0.00	19.16 -1.56 0.00	18.05 -1.43 0.00	19.76 -1.44 0.00	21.50 -1.67 0.00	28.36 -2.50 0.00	35.74 -3.88 0.00	40.55 -4.42 0.00	24.68 -2.57 0.00	29.40 -3.32 0.00	39.03 -4.70 0.00	38.19 -4.53 0.00	34.08 -3.82 0.00	35.56 -3.24 0.00
HUNTLEY___67 23561	35.73 -3.29 0.00	42.46 -3.66 0.00	37.05 -3.44 0.00	36.37 -3.38 0.00	36.29 -3.29 0.00	44.46 -3.29 0.00	65.57 -5.00 0.00	46.32 -5.02 0.00	27.39 -2.83 0.00	21.49 -2.06 0.00	21.00 -1.95 0.00	19.14 -1.58 0.00	18.04 -1.44 0.00	19.74 -1.46 0.00	21.50 -1.67 0.00	28.36 -2.51 0.00	35.73 -3.89 0.00	40.49 -4.48 0.00	24.60 -2.65 0.00	29.37 -3.35 0.00	38.97 -4.77 0.00	38.14 -4.58 0.00	33.95 -3.95 0.00	35.36 -3.44 0.00
HUNTLEY___68 23562	35.73 -3.29 0.00	42.46 -3.66 0.00	37.05 -3.44 0.00	36.37 -3.38 0.00	36.29 -3.29 0.00	44.46 -3.29 0.00	65.57 -5.00 0.00	46.32 -5.02 0.00	27.39 -2.83 0.00	21.49 -2.06 0.00	21.00 -1.95 0.00	19.14 -1.58 0.00	18.04 -1.44 0.00	19.74 -1.46 0.00	21.50 -1.67 0.00	28.36 -2.51 0.00	35.73 -3.89 0.00	40.49 -4.48 0.00	24.60 -2.65 0.00	29.37 -3.35 0.00	38.97 -4.77 0.00	38.14 -4.58 0.00	33.95 -3.95 0.00	35.36 -3.44 0.00

HYLAND___LFGE 323620	39.66 0.64 0.00	46.94 0.83 0.00	40.94 0.45 0.00	39.95 0.20 0.00	39.41 -0.16 0.00	51.60 -0.46 -4.31	76.29 -1.14 -6.87	50.88 -0.46 0.00	30.80 0.07 -0.51	23.12 -0.47 -0.05	22.10 -0.86 -0.02	19.65 -1.09 -0.02	18.43 -1.07 -0.02	20.09 -1.15 -0.04	21.83 -1.35 0.00	28.98 -1.88 0.00	37.55 -2.07 0.00	44.24 -0.73 0.00	27.56 0.10 -0.21	32.69 -0.02 0.00	43.55 -0.40 -0.21	42.36 -0.48 -0.12	38.09 -0.50 -0.69	38.95 -0.53 -0.68
INDECK___CORINTH 23802	40.54 1.52 0.00	47.87 1.75 0.00	42.00 1.52 0.00	41.32 1.57 0.00	41.18 1.61 0.00	49.67 1.92 0.00	73.40 2.84 0.00	53.44 2.10 0.00	31.32 1.10 0.00	24.35 0.80 0.00	23.65 0.71 0.00	21.18 0.46 0.00	19.92 0.44 0.00	21.68 0.48 0.00	23.81 0.64 0.00	32.07 1.20 0.00	41.61 1.99 0.00	47.49 2.53 0.00	29.01 1.75 0.00	34.69 1.97 0.00	46.06 2.32 0.00	44.89 2.17 0.00	39.73 1.83 0.00	40.51 1.71 0.00
INDECK___ILION 23567	39.04 0.02 0.00	46.10 -0.01 0.00	40.45 -0.04 0.00	39.75 0.01 0.00	39.67 0.09 0.00	47.86 0.11 0.00	70.85 0.28 0.00	51.56 0.23 0.00	30.32 0.10 0.00	23.51 -0.03 0.00	22.85 -0.09 0.00	20.57 -0.15 0.00	19.36 -0.12 0.00	21.06 -0.14 0.00	23.04 -0.13 0.00	30.81 -0.06 0.00	39.75 0.13 0.00	45.44 0.47 0.00	27.70 0.45 0.00	33.18 0.46 0.00	44.13 0.40 0.00	43.08 0.36 0.00	38.21 0.30 0.00	39.00 0.20 0.00
INDECK___OLEAN 23982	37.21 -1.81 0.00	44.16 -1.96 0.00	38.42 -2.07 0.00	37.73 -2.02 0.00	37.63 -1.95 0.00	19.37 -1.87 26.51	25.10 -3.22 42.25	48.10 -3.24 0.00	25.60 -1.47 3.15	22.20 -1.05 0.29	21.88 -0.94 0.13	19.86 -0.73 0.13	18.67 -0.69 0.13	20.20 -0.78 0.22	22.26 -0.92 0.00	29.28 -1.58 0.00	37.21 -2.41 0.00	42.19 -2.77 0.00	24.45 -1.51 1.29	30.70 -2.02 0.00	39.40 -3.03 1.31	39.03 -2.97 0.72	31.46 -2.22 4.23	32.90 -1.72 4.18
INDECK___OSWEGO 23783	37.74 -1.29 0.00	44.59 -1.53 0.00	39.04 -1.44 0.00	38.24 -1.51 0.00	38.08 -1.50 0.00	45.97 -1.78 0.00	67.96 -2.60 0.00	49.40 -1.93 0.00	29.11 -1.11 0.00	22.66 -0.88 0.00	22.07 -0.88 0.00	19.98 -0.74 0.00	18.80 -0.68 0.00	20.45 -0.75 0.00	22.32 -0.86 0.00	29.68 -1.19 0.00	38.13 -1.48 0.00	43.45 -1.51 0.00	26.42 -0.83 0.00	31.64 -1.07 0.00	42.14 -1.60 0.00	41.11 -1.61 0.00	36.48 -1.42 0.00	37.33 -1.47 0.00
INDECK___YERKES 23781	35.89 -3.13 0.00	42.63 -3.49 0.00	37.21 -3.28 0.00	36.52 -3.23 0.00	36.43 -3.15 0.00	24.48 -2.84 20.42	33.40 -4.62 32.55	46.47 -4.86 0.00	25.09 -2.70 2.43	21.30 -2.02 0.22	20.94 -1.91 0.10	19.07 -1.54 0.10	17.96 -1.42 0.10	19.60 -1.43 0.17	21.52 -1.65 0.00	28.39 -2.48 0.00	35.77 -3.84 0.00	40.58 -4.38 0.00	23.72 -2.54 0.99	29.42 -3.29 0.00	38.07 -4.66 1.01	37.66 -4.50 0.56	30.89 -3.76 3.26	32.33 -3.25 3.22
INDIAN POINT_GT_1 24139	40.27 1.25 0.00	47.53 1.42 0.00	41.65 1.16 0.00	41.02 1.28 0.00	41.01 1.43 0.00	49.43 1.68 0.00	73.05 2.49 0.00	53.35 2.02 0.00	31.55 1.33 0.00	24.46 0.92 0.00	23.86 0.91 0.00	21.52 0.80 0.00	20.24 0.76 0.00	21.95 0.75 0.00	24.03 0.85 0.00	32.10 1.23 0.00	41.20 1.58 0.00	47.08 2.11 0.00	28.84 1.59 0.00	34.42 1.71 0.00	45.64 1.90 0.00	44.57 1.85 0.00	39.63 1.73 0.00	40.46 1.66 0.00
INDIAN POINT_GT_2 23659	40.27 1.25 0.00	47.53 1.42 0.00	41.65 1.16 0.00	41.02 1.28 0.00	41.01 1.43 0.00	49.43 1.68 0.00	73.05 2.49 0.00	53.35 2.02 0.00	31.55 1.33 0.00	24.46 0.92 0.00	23.86 0.91 0.00	21.52 0.80 0.00	20.24 0.76 0.00	21.95 0.75 0.00	24.03 0.85 0.00	32.10 1.23 0.00	41.20 1.58 0.00	47.08 2.11 0.00	28.84 1.59 0.00	34.42 1.71 0.00	45.64 1.90 0.00	44.57 1.85 0.00	39.63 1.73 0.00	40.46 1.66 0.00
INDIAN POINT_GT_3 24019	40.27 1.25 0.00	47.53 1.42 0.00	41.65 1.16 0.00	41.02 1.28 0.00	41.01 1.43 0.00	49.43 1.68 0.00	73.05 2.49 0.00	53.35 2.02 0.00	31.55 1.33 0.00	24.46 0.92 0.00	23.86 0.91 0.00	21.52 0.80 0.00	20.24 0.76 0.00	21.95 0.75 0.00	24.03 0.85 0.00	32.10 1.23 0.00	41.20 1.58 0.00	47.08 2.11 0.00	28.84 1.59 0.00	34.42 1.71 0.00	45.64 1.90 0.00	44.57 1.85 0.00	39.63 1.73 0.00	40.46 1.66 0.00
INDIAN POINT___2 23530	40.14 1.12 0.00	47.38 1.27 0.00	41.52 1.04 0.00	40.90 1.14 0.00	40.87 1.30 0.00	49.26 1.52 0.00	72.87 2.31 0.00	53.18 1.85 0.00	31.44 1.22 0.00	24.38 0.84 0.00	23.77 0.82 0.00	21.44 0.72 0.00	20.16 0.68 0.00	21.87 0.67 0.00	23.94 0.76 0.00	31.97 1.10 0.00	41.01 1.39 0.00	46.86 1.90 0.00	28.70 1.45 0.00	34.25 1.54 0.00	45.44 1.70 0.00	44.38 1.66 0.00	39.47 1.56 0.00	40.30 1.50 0.00
INDIAN POINT___3 23531	40.18 1.16 0.00	47.43 1.31 0.00	41.57 1.08 0.00	40.93 1.19 0.00	40.91 1.34 0.00	49.32 1.58 0.00	72.89 2.32 0.00	53.23 1.90 0.00	31.47 1.25 0.00	24.40 0.86 0.00	23.80 0.85 0.00	21.46 0.74 0.00	20.18 0.70 0.00	21.89 0.69 0.00	23.96 0.79 0.00	32.00 1.14 0.00	41.06 1.44 0.00	46.91 1.95 0.00	28.74 1.49 0.00	34.29 1.58 0.00	45.49 1.75 0.00	44.42 1.70 0.00	39.51 1.61 0.00	40.34 1.54 0.00
INGHAM_C_115KV_TB7 356103	38.89 -0.13 0.00	45.88 -0.24 0.00	40.22 -0.27 0.00	39.61 -0.14 0.00	39.58 0.00 0.00	47.80 0.06 0.00	70.85 0.29 0.00	51.59 0.26 0.00	30.25 0.03 0.00	23.32 -0.22 0.00	22.60 -0.34 0.00	20.25 -0.47 0.00	19.06 -0.42 0.00	20.75 -0.45 0.00	22.73 -0.44 0.00	30.60 -0.27 0.00	39.69 0.08 0.00	45.69 0.73 0.00	28.00 0.75 0.00	33.49 0.77 0.00	44.35 0.61 0.00	43.25 0.53 0.00	38.35 0.45 0.00	39.02 0.22 0.00
IP CORINTH___1 23988	40.54 1.52 0.00	47.87 1.75 0.00	42.00 1.52 0.00	41.32 1.57 0.00	41.18 1.60 0.00	49.67 1.93 0.00	73.39 2.83 0.00	53.44 2.10 0.00	31.32 1.10 0.00	24.35 0.81 0.00	23.65 0.71 0.00	21.18 0.46 0.00	19.92 0.44 0.00	21.69 0.49 0.00	23.81 0.64 0.00	32.07 1.20 0.00	41.61 2.00 0.00	47.49 2.53 0.00	29.00 1.75 0.00	34.69 1.97 0.00	46.06 2.33 0.00	44.89 2.17 0.00	39.73 1.83 0.00	40.51 1.71 0.00
IP___TICONDEROGA 23804	42.28 3.25 0.00	50.05 3.93 0.00	43.89 3.40 0.00	43.14 3.39 0.00	43.05 3.47 0.00	51.70 3.95 0.00	76.02 5.45 0.00	55.31 3.98 0.00	32.23 2.01 0.00	25.28 1.74 0.00	24.47 1.53 0.00	21.68 0.96 0.00	20.41 0.93 0.00	22.21 1.01 0.00	24.57 1.40 0.00	33.50 2.64 0.00	43.69 4.08 0.00	49.78 4.82 0.00	30.52 3.27 0.00	36.53 3.82 0.00	48.45 4.71 0.00	47.06 4.34 0.00	41.60 3.70 0.00	42.37 3.57 0.00
ISLIP_RES_REC 323679	41.42 2.40 0.00	49.21 3.09 0.00	43.18 2.69 0.00	42.55 2.80 0.00	42.56 2.98 0.00	51.31 3.56 0.00	75.65 5.08 0.00	59.06 3.92 -3.80	32.43 2.21 0.00	25.10 1.56 0.00	24.59 1.65 0.00	22.20 1.49 0.00	20.84 1.36 0.00	22.61 1.41 0.00	25.91 1.75 -0.99	46.49 2.42 -13.21	107.77 3.24 -64.92	51.88 4.00 -2.91	53.33 2.74 -23.34	36.76 3.12 -0.93	47.38 3.64 0.00	46.06 3.33 0.00	44.47 3.25 -3.31	42.01 3.21 0.00

JAMAICA__27_KV_LOAD 355505	40.66 1.64 0.00	47.86 1.74 0.00	41.99 1.50 0.00	41.48 1.73 0.00	41.53 1.95 0.00	50.00 2.26 0.00	73.99 3.42 0.00	54.12 2.78 0.00	31.94 1.72 0.00	24.70 1.16 0.00	24.18 1.24 0.00	21.81 1.09 0.00	20.55 1.07 0.00	22.26 1.06 0.00	24.29 1.12 0.00	32.44 1.58 0.00	41.60 1.98 0.00	47.64 2.67 0.00	29.24 1.99 0.00	34.88 2.16 0.00	46.14 2.40 0.00	45.12 2.39 0.00	40.12 2.21 0.00	40.99 2.19 0.00
JANIS__SOLAR 323808	40.47 1.45 0.00	47.87 1.75 0.00	41.86 1.37 0.00	41.08 1.33 0.00	40.95 1.38 0.00	55.57 1.90 -5.92	82.94 2.94 -9.43	53.58 2.25 0.00	32.10 1.18 -0.70	24.25 0.64 -0.06	23.37 0.40 -0.03	21.06 0.32 -0.03	19.73 0.23 -0.03	21.46 0.20 -0.05	23.40 0.22 0.00	31.42 0.55 0.00	40.89 1.28 0.00	47.09 2.12 0.00	28.98 1.45 -0.29	34.27 1.56 0.00	45.78 1.75 -0.29	44.53 1.65 -0.16	40.27 1.42 -0.94	41.14 1.41 -0.93
JARVIS____ 23743	38.98 -0.04 0.00	46.07 -0.04 0.00	40.41 -0.08 0.00	39.70 -0.05 0.00	39.54 -0.04 0.00	47.70 -0.05 0.00	70.53 -0.04 0.00	51.32 -0.01 0.00	30.22 0.00 0.00	23.51 -0.03 0.00	22.90 -0.04 0.00	20.67 -0.04 0.00	19.44 -0.04 0.00	21.15 -0.05 0.00	23.11 -0.06 0.00	30.81 -0.06 0.00	39.59 -0.02 0.00	45.06 0.09 0.00	27.38 0.13 0.00	32.81 0.10 0.00	43.78 0.04 0.00	42.75 0.03 0.00	37.94 0.03 0.00	38.79 -0.01 0.00
JENNISON____1 23625	40.53 1.51 0.00	48.03 1.91 0.00	42.03 1.54 0.00	41.23 1.48 0.00	41.13 1.55 0.00	49.88 2.13 0.00	73.83 3.26 0.00	53.82 2.49 0.00	31.68 1.46 0.00	24.58 1.04 0.00	23.86 0.92 0.00	21.53 0.81 0.00	20.18 0.70 0.00	21.91 0.71 0.00	23.91 0.74 0.00	31.94 1.08 0.00	41.36 1.74 0.00	47.30 2.33 0.00	28.77 1.52 0.00	34.27 1.56 0.00	45.36 1.63 0.00	44.36 1.64 0.00	39.37 1.46 0.00	40.34 1.54 0.00
JENNISON____2 23626	40.53 1.51 0.00	48.03 1.91 0.00	42.03 1.54 0.00	41.23 1.48 0.00	41.13 1.55 0.00	49.88 2.13 0.00	73.83 3.26 0.00	53.82 2.49 0.00	31.68 1.46 0.00	24.58 1.04 0.00	23.86 0.92 0.00	21.53 0.81 0.00	20.18 0.70 0.00	21.91 0.71 0.00	23.91 0.74 0.00	31.94 1.08 0.00	41.36 1.74 0.00	47.30 2.33 0.00	28.77 1.52 0.00	34.27 1.56 0.00	45.36 1.63 0.00	44.36 1.64 0.00	39.37 1.46 0.00	40.34 1.54 0.00
JERICOHO_RISE_WT_PWR 323719	41.01 1.99 0.00	48.41 2.29 0.00	42.75 2.26 0.00	41.99 2.24 0.00	41.68 2.11 0.00	49.88 2.14 0.00	73.34 2.77 0.00	53.47 2.14 0.00	31.41 1.18 0.00	24.64 1.11 0.00	23.94 1.00 0.00	21.55 0.83 0.00	20.25 0.77 0.00	22.18 0.98 0.00	24.28 1.11 0.00	32.41 1.55 0.00	41.37 1.75 0.00	46.85 1.89 0.00	28.13 0.88 0.00	33.88 1.16 0.00	45.47 1.73 0.00	44.46 1.74 0.00	39.38 1.48 0.00	40.59 1.79 0.00
KATONAH__115KV_46KV_TB4 355592	40.50 1.48 0.00	47.80 1.69 0.00	41.91 1.42 0.00	41.29 1.54 0.00	41.26 1.68 0.00	49.74 1.99 0.00	73.52 2.96 0.00	53.68 2.34 0.00	31.72 1.50 0.00	24.62 1.08 0.00	24.00 1.05 0.00	21.62 0.90 0.00	20.33 0.84 0.00	22.05 0.84 0.00	24.15 0.97 0.00	32.25 1.38 0.00	41.42 1.80 0.00	47.35 2.39 0.00	29.00 1.75 0.00	34.62 1.91 0.00	45.89 2.15 0.00	44.80 2.08 0.00	39.83 1.93 0.00	40.64 1.84 0.00
KCE_NY_1 323755	40.52 1.50 0.00	47.84 1.72 0.00	41.97 1.48 0.00	41.29 1.54 0.00	41.19 1.61 0.00	49.66 1.92 0.00	73.51 2.94 0.00	53.51 2.17 0.00	31.35 1.13 0.00	24.32 0.78 0.00	23.65 0.71 0.00	21.25 0.53 0.00	19.98 0.50 0.00	21.74 0.54 0.00	23.85 0.67 0.00	32.05 1.18 0.00	41.47 1.85 0.00	47.34 2.37 0.00	28.84 1.59 0.00	34.48 1.77 0.00	45.82 2.09 0.00	44.74 2.02 0.00	39.62 1.71 0.00	40.45 1.65 0.00
KCE_NY_6_ESR 323823	36.29 -2.73 0.00	43.09 -3.03 0.00	37.60 -2.89 0.00	36.88 -2.87 0.00	36.83 -2.74 0.00	22.11 -2.56 23.08	29.64 -4.14 36.78	47.08 -4.25 0.00	25.13 -2.35 2.74	21.57 -1.72 0.25	21.22 -1.62 0.11	19.31 -1.29 0.12	18.18 -1.19 0.11	19.80 -1.21 0.19	21.79 -1.39 0.00	28.76 -2.11 0.00	36.28 -3.33 0.00	41.16 -3.80 0.00	23.92 -2.21 1.12	29.90 -2.81 0.00	38.50 -4.10 1.14	38.18 -3.91 0.63	30.90 -3.33 3.68	32.27 -2.89 3.64
KEDC_PORT_JEFF_GT2 24210	41.23 2.21 0.00	48.96 2.84 0.00	42.97 2.48 0.00	42.34 2.59 0.00	42.34 2.77 0.00	51.04 3.30 0.00	75.23 4.66 -3.80	58.77 3.63 0.00	32.28 2.06 0.00	25.00 1.46 0.00	24.49 1.54 0.00	22.11 1.39 0.00	20.76 1.28 0.00	22.52 1.32 0.00	25.80 1.64 -0.99	46.34 2.26 -13.21	107.54 3.01 -64.92	51.57 3.70 -2.91	53.15 2.55 -23.34	36.54 2.90 -0.93	47.09 3.36 0.00	45.80 3.08 0.00	44.25 3.04 -3.31	41.79 2.99 0.00
KEDC_PORT_JEFF_GT3 24211	41.23 2.21 0.00	48.96 2.84 0.00	42.97 2.48 0.00	42.34 2.59 0.00	42.34 2.77 0.00	51.04 3.30 0.00	75.23 4.66 0.00	58.77 3.63 -3.80	32.28 2.06 0.00	25.00 1.46 0.00	24.49 1.54 0.00	22.11 1.39 0.00	20.76 1.28 0.00	22.52 1.32 0.00	25.80 1.64 -0.99	46.34 2.26 -13.21	107.54 3.01 -64.92	51.57 3.70 -2.91	53.15 2.55 -23.34	36.54 2.90 -0.93	47.09 3.36 0.00	45.80 3.08 0.00	44.25 3.04 -3.31	41.79 2.99 0.00
KEDC_GLWD_GT4 24219	41.04 2.02 0.00	48.53 2.41 0.00	42.55 2.06 0.00	41.93 2.18 0.00	41.90 2.33 0.00	50.44 2.70 0.00	74.38 3.81 0.00	58.08 2.95 -3.80	32.14 1.92 0.00	24.90 1.36 0.00	24.32 1.37 0.00	21.95 1.23 0.00	20.65 1.17 0.00	22.40 1.20 0.00	25.59 1.44 -0.99	46.05 1.98 -13.21	107.01 2.47 -64.92	50.65 2.77 -2.91	52.65 2.06 -23.34	35.91 2.27 -0.93	46.38 2.64 0.00	45.53 2.81 0.00	43.85 2.63 -3.31	41.36 2.56 0.00
KEDC_GLWD_GT5 24220	41.04 2.02 0.00	48.53 2.41 0.00	42.55 2.06 0.00	41.93 2.18 0.00	41.90 2.33 0.00	50.44 2.70 0.00	74.38 3.81 0.00	58.08 2.95 -3.80	32.14 1.92 0.00	24.90 1.36 0.00	24.32 1.37 0.00	21.95 1.23 0.00	20.65 1.17 0.00	22.40 1.20 0.00	25.59 1.44 -0.99	46.05 1.98 -13.21	107.01 2.47 -64.92	50.65 2.77 -2.91	52.65 2.06 -23.34	35.91 2.27 -0.93	46.38 2.64 0.00	45.53 2.81 0.00	43.85 2.63 -3.31	41.36 2.56 0.00
KENSICO____ 23655	40.30 1.28 0.00	47.57 1.45 0.00	41.69 1.20 0.00	41.06 1.31 0.00	41.05 1.47 0.00	49.47 1.73 0.00	73.10 2.53 0.00	53.39 2.05 0.00	31.58 1.35 0.00	24.49 0.95 0.00	23.89 0.94 0.00	21.54 0.83 0.00	20.27 0.79 0.00	21.98 0.78 0.00	24.06 0.89 0.00	32.13 1.26 0.00	41.22 1.60 0.00	47.09 2.13 0.00	28.86 1.61 0.00	34.43 1.72 0.00	45.65 1.91 0.00	44.59 1.87 0.00	39.66 1.76 0.00	40.49 1.69 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.71 1.69 0.00	48.05 1.93 0.00	42.09 1.60 0.00	41.36 1.61 0.00	41.32 1.74 0.00	49.88 2.13 0.00	73.82 3.26 0.00	53.93 2.60 0.00	31.83 1.61 0.00	24.59 1.05 0.00	23.87 0.92 0.00	21.49 0.77 0.00	20.16 0.68 0.00	21.86 0.66 0.00	23.96 0.78 0.00	32.11 1.24 0.00	41.42 1.81 0.00	47.56 2.59 0.00	29.13 1.88 0.00	34.79 2.08 0.00	46.12 2.38 0.00	44.99 2.26 0.00	39.96 2.06 0.00	40.75 1.96 0.00

KIAC_JFK_GT1 23816	40.52 1.50 0.00	47.70 1.58 0.00	41.86 1.37 0.00	41.36 1.61 0.00	41.40 1.82 0.00	49.84 2.09 0.00	73.75 3.19 0.00	53.93 2.60 0.00	31.84 1.61 0.00	24.62 1.08 0.00	24.10 1.15 0.00	21.75 1.03 0.00	20.49 1.01 0.00	22.19 0.99 0.00	24.22 1.04 0.00	32.34 1.47 0.00	41.45 1.83 0.00	47.46 2.49 0.00	29.14 1.88 0.00	34.75 2.03 0.00	45.98 2.25 0.00	44.96 2.24 0.00	39.98 2.08 0.00	40.85 2.05 0.00
KIAC_JFK_GT2 23817	40.52 1.50 0.00	47.70 1.58 0.00	41.86 1.37 0.00	41.36 1.61 0.00	41.40 1.82 0.00	49.84 2.09 0.00	73.75 3.19 0.00	53.93 2.60 0.00	31.84 1.61 0.00	24.62 1.08 0.00	24.10 1.15 0.00	21.75 1.03 0.00	20.49 1.01 0.00	22.19 0.99 0.00	24.22 1.04 0.00	32.34 1.47 0.00	41.45 1.83 0.00	47.46 2.49 0.00	29.14 1.88 0.00	34.75 2.03 0.00	45.98 2.25 0.00	44.96 2.24 0.00	39.98 2.08 0.00	40.85 2.05 0.00
KIAC_JFK____ 323774	40.52 1.50 0.00	47.69 1.58 0.00	41.86 1.37 0.00	41.36 1.61 0.00	41.40 1.82 0.00	49.83 2.08 0.00	73.78 3.22 0.00	53.93 2.60 0.00	31.83 1.61 0.00	24.62 1.08 0.00	24.10 1.15 0.00	21.74 1.03 0.00	20.48 1.01 0.00	22.19 0.99 0.00	24.22 1.05 0.00	32.34 1.47 0.00	41.45 1.83 0.00	47.46 2.49 0.00	29.14 1.88 0.00	34.74 2.03 0.00	45.98 2.25 0.00	44.95 2.23 0.00	39.97 2.07 0.00	40.85 2.05 0.00
KINTIGH____ 23543	35.92 -3.10 0.00	42.65 -3.46 0.00	37.24 -3.25 0.00	36.56 -3.19 0.00	36.44 -3.14 0.00	44.45 -3.30 0.00	65.59 -4.98 0.00	46.63 -4.70 0.00	27.57 -2.65 0.00	21.61 -1.93 0.00	21.12 -1.83 0.00	19.23 -1.48 0.00	18.11 -1.37 0.00	19.80 -1.40 0.00	21.57 -1.60 0.00	28.49 -2.38 0.00	36.02 -3.59 0.00	40.83 -4.13 0.00	24.81 -2.45 0.00	29.62 -3.09 0.00	39.33 -4.40 0.00	38.48 -4.24 0.00	34.20 -3.70 0.00	35.51 -3.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.75 2.73 0.00	49.22 3.10 0.00	43.48 3.00 0.00	42.73 2.98 0.00	42.42 2.84 0.00	50.61 2.86 0.00	74.28 3.71 0.00	54.21 2.88 0.00	31.84 1.61 0.00	25.00 1.46 0.00	24.23 1.28 0.00	21.76 1.05 0.00	20.45 0.97 0.00	22.46 1.26 0.00	24.58 1.41 0.00	32.88 2.01 0.00	41.95 2.33 0.00	47.71 2.74 0.00	28.69 1.43 0.00	34.49 1.78 0.00	46.16 2.42 0.00	45.11 2.39 0.00	39.95 2.05 0.00	41.29 2.49 0.00
LACHUTE____HYDRO 323717	42.28 3.25 0.00	50.05 3.93 0.00	43.89 3.40 0.00	43.14 3.39 0.00	43.05 3.47 0.00	51.70 3.95 0.00	76.02 5.45 0.00	55.31 3.98 0.00	32.23 2.01 0.00	25.28 1.74 0.00	24.47 1.53 0.00	21.68 0.96 0.00	20.41 0.93 0.00	22.21 1.01 0.00	24.57 1.40 0.00	33.50 2.64 0.00	43.70 4.08 0.00	49.78 4.82 0.00	30.52 3.27 0.00	36.53 3.82 0.00	48.45 4.71 0.00	47.06 4.34 0.00	41.61 3.70 0.00	42.38 3.58 0.00
LAWRNCV_115KV_TB1 80681	39.59 0.57 0.00	46.86 0.74 0.00	41.51 1.02 0.00	40.73 0.99 0.00	40.45 0.87 0.00	48.57 0.83 0.00	71.16 0.59 0.00	51.81 0.47 0.00	30.41 0.19 0.00	23.90 0.36 0.00	23.30 0.35 0.00	21.03 0.31 0.00	19.76 0.28 0.00	21.54 0.34 0.00	23.59 0.42 0.00	31.45 0.58 0.00	40.10 0.49 0.00	45.24 0.28 0.00	27.10 -0.15 0.00	32.67 -0.04 0.00	43.99 0.25 0.00	43.00 0.28 0.00	38.22 0.31 0.00	39.33 0.53 0.00
LEDERLE____ 23769	40.29 1.27 0.00	47.56 1.45 0.00	41.66 1.17 0.00	41.02 1.28 0.00	41.01 1.44 0.00	49.47 1.72 0.00	73.12 2.56 0.00	53.40 2.06 0.00	31.56 1.34 0.00	24.46 0.92 0.00	23.85 0.91 0.00	21.51 0.80 0.00	20.23 0.75 0.00	21.95 0.75 0.00	24.02 0.85 0.00	32.09 1.23 0.00	41.17 1.56 0.00	47.06 2.10 0.00	28.82 1.57 0.00	34.40 1.68 0.00	45.64 1.90 0.00	44.55 1.83 0.00	39.61 1.70 0.00	40.45 1.65 0.00
LIGHTHSE_115KV_TB6 355974	38.22 -0.80 0.00	45.16 -0.96 0.00	39.55 -0.94 0.00	38.77 -0.99 0.00	38.54 -1.04 0.00	46.50 -1.25 0.00	68.78 -1.78 0.00	50.02 -1.32 0.00	29.44 -0.78 0.00	22.90 -0.64 0.00	22.27 -0.68 0.00	20.16 -0.56 0.00	18.98 -0.50 0.00	20.68 -0.52 0.00	22.53 -0.65 0.00	30.00 -0.86 0.00	38.64 -0.97 0.00	44.16 -0.80 0.00	26.83 -0.42 0.00	32.12 -0.60 0.00	42.77 -0.97 0.00	41.73 -0.99 0.00	37.03 -0.87 0.00	37.86 -0.94 0.00
LINDEN COGEN____ 23786	40.12 1.10 0.00	47.32 1.20 0.00	41.46 0.98 0.01	40.88 1.14 0.00	40.62 1.33 0.29	49.22 1.48 0.00	72.83 2.27 0.00	53.24 1.90 0.00	31.54 1.32 0.00	24.46 0.92 0.00	23.89 0.94 0.00	21.59 0.87 0.00	20.30 0.82 0.00	21.99 0.79 0.00	24.02 0.85 0.00	32.08 1.21 0.00	41.11 1.50 0.01	46.34 1.97 0.59	28.74 1.56 0.07	31.28 1.64 3.06	45.48 1.74 0.00	44.46 1.74 0.00	37.62 1.66 1.95	32.45 1.59 7.94
LINDHRST_69_KV_BK1 356055	41.33 2.31 0.00	48.94 2.83 0.00	42.94 2.45 0.00	42.29 2.54 0.00	42.27 2.69 0.00	50.90 3.16 0.00	74.91 4.35 0.00	58.55 3.41 -3.80	32.34 2.12 0.00	25.04 1.50 0.00	24.46 1.51 0.00	22.07 1.36 0.00	20.74 1.26 0.00	22.50 1.30 0.00	25.76 1.60 -0.99	46.30 2.22 -13.21	107.43 2.90 -64.92	51.49 3.61 -2.91	53.15 2.56 -23.34	36.53 2.89 -0.93	47.14 3.40 0.00	45.92 3.20 0.00	44.24 3.03 -3.31	41.73 2.93 0.00
LIPA_MISC_IPP 23656	41.04 2.02 0.00	48.85 2.74 0.00	42.86 2.37 0.00	42.28 2.53 0.00	42.29 2.71 0.00	51.04 3.30 0.00	75.13 4.57 0.00	58.75 3.61 -3.80	32.14 1.92 0.00	24.87 1.33 0.00	24.42 1.47 0.00	22.08 1.36 0.00	20.72 1.24 0.00	22.48 1.28 0.00	25.76 1.61 -0.99	46.29 2.21 -13.21	107.47 2.94 -64.92	51.42 3.55 -2.91	53.01 2.43 -23.34	36.42 2.78 -0.93	46.92 3.18 0.00	45.57 2.85 0.00	44.13 2.92 -3.31	41.71 2.91 0.00
LISF__SOLAR 323691	41.11 2.09 0.00	48.93 2.81 0.00	42.94 2.45 0.00	42.34 2.59 0.00	42.37 2.79 0.00	51.11 3.37 0.00	75.35 4.79 0.00	58.85 3.71 -3.80	32.18 1.96 0.00	24.89 1.35 0.00	24.44 1.49 0.00	22.09 1.37 0.00	20.73 1.25 0.00	22.49 1.29 0.00	25.78 1.62 -0.99	46.32 2.25 -13.21	107.55 3.02 -64.92	51.53 3.65 -2.91	53.08 2.49 -23.34	36.50 2.86 -0.93	47.00 3.27 0.00	45.66 2.93 0.00	44.21 2.99 -3.31	41.79 2.99 0.00
LITTLE FALLS____HYD 24013	38.89 -0.13 0.00	45.88 -0.24 0.00	40.22 -0.27 0.00	39.61 -0.14 0.00	39.58 0.00 0.00	47.80 0.06 0.00	70.85 0.29 0.00	51.59 0.26 0.00	30.25 0.03 0.00	23.32 -0.22 0.00	22.60 -0.34 0.00	20.25 -0.47 0.00	19.06 -0.42 0.00	20.75 -0.45 0.00	22.73 -0.44 0.00	30.60 -0.27 0.00	39.69 0.08 0.00	45.69 0.73 0.00	28.00 0.75 0.00	33.49 0.77 0.00	44.35 0.61 0.00	43.25 0.53 0.00	38.35 0.45 0.00	39.02 0.22 0.00
LITTLRIV_115KV_TB1 356100	40.10 1.08 0.00	47.47 1.35 0.00	42.01 1.52 0.00	41.25 1.50 0.00	40.94 1.37 0.00	49.23 1.49 0.00	72.18 1.62 0.00	52.57 1.24 0.00	30.85 0.63 0.00	24.23 0.68 0.00	23.63 0.68 0.00	21.33 0.61 0.00	20.02 0.54 0.00	21.82 0.62 0.00	23.93 0.76 0.00	31.93 1.06 0.00	40.78 1.17 0.00	46.02 1.05 0.00	27.54 0.28 0.00	33.18 0.47 0.00	44.66 0.93 0.00	43.65 0.93 0.00	38.77 0.86 0.00	39.86 1.06 0.00

LI_NEWBRDGE___DRP 323616	40.67 1.65 0.00	48.12 2.00 0.00	42.21 1.72 0.00	41.59 1.84 0.00	41.57 1.99 0.00	50.05 2.31 0.00	73.66 3.09 0.00	57.64 2.50 -3.80	31.86 1.64 0.00	24.68 1.14 0.00	24.11 1.17 0.00	21.76 1.04 0.00	20.46 0.98 0.00	22.19 0.99 0.00	25.37 1.21 -0.99	45.75 1.67 -13.21	106.66 2.13 -64.92	50.54 2.67 -2.91	52.56 1.97 -23.34	35.81 2.17 -0.93	46.21 2.47 0.00	45.09 2.37 0.00	43.50 2.28 -3.31	41.01 2.21 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.59 -3.43 0.00	42.26 -3.85 0.00	36.91 -3.58 0.00	36.21 -3.54 0.00	36.13 -3.45 0.00	44.55 -3.20 0.00	65.63 -4.94 0.00	46.07 -5.26 0.00	27.25 -2.97 0.00	21.37 -2.17 0.00	20.87 -2.07 0.00	19.04 -1.68 0.00	17.94 -1.55 0.00	19.63 -1.57 0.00	21.35 -1.82 0.00	28.16 -2.70 0.00	35.50 -4.12 0.00	40.29 -4.67 0.00	24.50 -2.75 0.00	29.22 -3.49 0.00	38.76 -4.98 0.00	37.95 -4.78 0.00	33.79 -4.11 0.00	35.32 -3.48 0.00
LOCKPORT___CC1 323769	35.56 -3.46 0.00	42.23 -3.89 0.00	36.89 -3.60 0.00	36.19 -3.55 0.00	36.11 -3.47 0.00	26.04 -3.19 18.51	35.89 -5.17 29.51	46.03 -5.30 0.00	25.05 -2.97 2.20	21.16 -2.18 0.20	20.78 -2.07 0.09	18.95 -1.68 0.09	17.85 -1.55 0.09	19.48 -1.57 0.15	21.36 -1.82 0.00	28.16 -2.70 0.00	35.49 -4.13 0.00	40.27 -4.70 0.00	23.59 -2.76 0.90	29.19 -3.52 0.00	37.82 -5.00 0.91	37.41 -4.80 0.51	30.84 -4.11 2.95	32.33 -3.55 2.92
LOCKPORT___CC2 323770	35.56 -3.46 0.00	42.23 -3.89 0.00	36.89 -3.60 0.00	36.19 -3.55 0.00	36.11 -3.47 0.00	26.04 -3.19 18.51	35.89 -5.17 29.51	46.03 -5.30 0.00	25.05 -2.97 2.20	21.16 -2.18 0.20	20.78 -2.07 0.09	18.95 -1.68 0.09	17.85 -1.55 0.09	19.48 -1.57 0.15	21.36 -1.82 0.00	28.16 -2.70 0.00	35.49 -4.13 0.00	40.27 -4.70 0.00	23.59 -2.76 0.90	29.19 -3.52 0.00	37.82 -5.00 0.91	37.41 -4.80 0.51	30.84 -4.11 2.95	32.33 -3.55 2.92
LOCKPORT___CC3 323771	35.56 -3.46 0.00	42.23 -3.89 0.00	36.89 -3.60 0.00	36.19 -3.55 0.00	36.11 -3.47 0.00	26.04 -3.19 18.51	35.89 -5.17 29.51	46.03 -5.30 0.00	25.05 -2.97 2.20	21.16 -2.18 0.20	20.78 -2.07 0.09	18.95 -1.68 0.09	17.85 -1.55 0.09	19.48 -1.57 0.15	21.36 -1.82 0.00	28.16 -2.70 0.00	35.49 -4.13 0.00	40.27 -4.70 0.00	23.59 -2.76 0.90	29.19 -3.52 0.00	37.82 -5.00 0.91	37.41 -4.80 0.51	30.84 -4.11 2.95	32.33 -3.55 2.92
LONG_LAKE_PHOENIX 24014	37.83 -1.19 0.00	44.69 -1.42 0.00	39.15 -1.34 0.00	38.34 -1.42 0.00	38.19 -1.39 0.00	46.13 -1.62 0.00	68.22 -2.35 0.00	49.57 -1.77 0.00	29.21 -1.01 0.00	22.73 -0.81 0.00	22.16 -0.79 0.00	20.06 -0.66 0.00	18.87 -0.62 0.00	20.51 -0.69 0.00	22.39 -0.78 0.00	29.77 -1.10 0.00	38.28 -1.34 0.00	43.62 -1.34 0.00	26.52 -0.73 0.00	31.77 -0.95 0.00	42.29 -1.44 0.00	41.24 -1.48 0.00	36.57 -1.33 0.00	37.43 -1.37 0.00
LOVETT___3 23632	40.11 1.09 0.00	47.36 1.24 0.00	41.49 1.00 0.00	40.85 1.11 0.00	40.84 1.27 0.00	49.25 1.50 0.00	72.79 2.23 0.00	53.15 1.82 0.00	31.42 1.20 0.00	24.36 0.82 0.00	23.75 0.80 0.00	21.42 0.71 0.00	20.14 0.66 0.00	21.85 0.65 0.00	23.92 0.74 0.00	31.95 1.08 0.00	40.97 1.36 0.00	46.83 1.86 0.00	28.68 1.43 0.00	34.22 1.51 0.00	45.40 1.67 0.00	44.34 1.62 0.00	39.43 1.53 0.00	40.26 1.46 0.00
LOVETT___4 23642	40.11 1.09 0.00	47.36 1.24 0.00	41.49 1.00 0.00	40.85 1.11 0.00	40.84 1.27 0.00	49.25 1.50 0.00	72.79 2.23 0.00	53.15 1.82 0.00	31.42 1.20 0.00	24.36 0.82 0.00	23.75 0.80 0.00	21.42 0.71 0.00	20.14 0.66 0.00	21.85 0.65 0.00	23.92 0.74 0.00	31.95 1.08 0.00	40.97 1.36 0.00	46.83 1.86 0.00	28.68 1.43 0.00	34.22 1.51 0.00	45.40 1.67 0.00	44.34 1.62 0.00	39.43 1.53 0.00	40.26 1.46 0.00
LOVETT___5 23593	40.11 1.09 0.00	47.36 1.24 0.00	41.49 1.00 0.00	40.85 1.11 0.00	40.84 1.27 0.00	49.25 1.50 0.00	72.79 2.23 0.00	53.15 1.82 0.00	31.42 1.20 0.00	24.36 0.82 0.00	23.75 0.80 0.00	21.42 0.71 0.00	20.14 0.66 0.00	21.85 0.65 0.00	23.92 0.74 0.00	31.95 1.08 0.00	40.97 1.36 0.00	46.83 1.86 0.00	28.68 1.43 0.00	34.22 1.51 0.00	45.40 1.67 0.00	44.34 1.62 0.00	39.43 1.53 0.00	40.26 1.46 0.00
LOWER RAQUET___HYD 24057	39.51 0.49 0.00	46.77 0.66 0.00	41.42 0.94 0.00	40.65 0.91 0.00	40.37 0.79 0.00	48.44 0.70 0.00	70.92 0.36 0.00	51.65 0.32 0.00	30.31 0.09 0.00	23.82 0.28 0.00	23.21 0.27 0.00	20.95 0.23 0.00	19.67 0.19 0.00	21.46 0.26 0.00	23.50 0.33 0.00	31.33 0.47 0.00	39.99 0.38 0.00	45.13 0.16 0.00	27.04 -0.21 0.00	32.58 -0.13 0.00	43.87 0.13 0.00	42.88 0.16 0.00	38.14 0.23 0.00	39.27 0.47 0.00
LOWER___HUDSON 24059	40.05 1.02 0.00	47.28 1.16 0.00	41.52 1.03 0.00	40.86 1.11 0.00	40.74 1.17 0.00	49.14 1.39 0.00	72.61 2.04 0.00	52.80 1.46 0.00	31.03 0.81 0.00	24.12 0.58 0.00	23.47 0.52 0.00	21.07 0.35 0.00	19.83 0.35 0.00	21.60 0.40 0.00	23.65 0.48 0.00	31.65 0.79 0.00	40.81 1.20 0.00	46.53 1.56 0.00	28.36 1.11 0.00	33.94 1.22 0.00	45.15 1.41 0.00	44.13 1.41 0.00	39.15 1.25 0.00	39.99 1.19 0.00
LOWVILLE_115KV_TB2 356335	39.56 0.54 0.00	46.76 0.64 0.00	41.06 0.57 0.00	40.30 0.55 0.00	40.09 0.51 0.00	48.41 0.67 0.00	71.57 1.00 0.00	52.13 0.80 0.00	30.61 0.39 0.00	23.74 0.20 0.00	23.02 0.07 0.00	20.74 0.02 0.00	19.50 0.02 0.00	21.28 0.08 0.00	23.25 0.08 0.00	31.12 0.25 0.00	40.28 0.66 0.00	46.04 1.08 0.00	27.87 0.62 0.00	33.37 0.66 0.00	44.54 0.81 0.00	43.38 0.66 0.00	38.45 0.55 0.00	39.32 0.52 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.52 1.50 0.00	47.84 1.72 0.00	41.98 1.50 0.00	41.30 1.55 0.00	41.18 1.60 0.00	49.68 1.94 0.00	73.47 2.90 0.00	53.47 2.13 0.00	31.36 1.14 0.00	24.34 0.79 0.00	23.66 0.71 0.00	21.25 0.53 0.00	19.99 0.50 0.00	21.76 0.56 0.00	23.86 0.68 0.00	32.03 1.16 0.00	41.43 1.81 0.00	47.29 2.32 0.00	28.82 1.57 0.00	34.47 1.76 0.00	45.82 2.08 0.00	44.72 2.00 0.00	39.63 1.72 0.00	40.45 1.65 0.00
LUTHERNY_35_KV_BK2 355980	40.52 1.50 0.00	47.84 1.73 0.00	41.97 1.48 0.00	41.29 1.54 0.00	41.19 1.61 0.00	49.67 1.92 0.00	73.51 2.94 0.00	53.51 2.17 0.00	31.36 1.13 0.00	24.33 0.79 0.00	23.65 0.71 0.00	21.25 0.53 0.00	19.98 0.50 0.00	21.74 0.54 0.00	23.85 0.67 0.00	32.05 1.18 0.00	41.46 1.85 0.00	47.34 2.37 0.00	28.84 1.59 0.00	34.48 1.77 0.00	45.82 2.09 0.00	44.74 2.02 0.00	39.62 1.72 0.00	40.45 1.65 0.00
LWR___OSWEGATCHIE_HYD 23850	39.16 0.14 0.00	46.32 0.20 0.00	40.86 0.37 0.00	40.09 0.35 0.00	39.83 0.26 0.00	47.95 0.21 0.00	70.52 -0.05 0.00	51.38 0.05 0.00	30.15 -0.07 0.00	23.54 0.00 0.00	22.88 -0.06 0.00	20.64 -0.08 0.00	19.40 -0.07 0.00	21.17 -0.03 0.00	23.16 -0.01 0.00	30.94 0.07 0.00	39.76 0.14 0.00	45.17 0.20 0.00	27.20 -0.05 0.00	32.67 -0.04 0.00	43.79 0.05 0.00	42.72 0.00 0.00	37.92 0.02 0.00	38.92 0.12 0.00

LYONS_FALL_HYD 23570	39.63 0.61 0.00	46.82 0.70 0.00	41.10 0.61 0.00	40.34 0.59 0.00	40.14 0.56 0.00	48.49 0.75 0.00	71.72 1.16 0.00	52.25 0.92 0.00	30.71 0.49 0.00	23.83 0.29 0.00	23.14 0.19 0.00	20.87 0.15 0.00	19.61 0.13 0.00	21.38 0.18 0.00	23.35 0.17 0.00	31.19 0.32 0.00	40.32 0.70 0.00	46.07 1.11 0.00	27.94 0.69 0.00	33.46 0.75 0.00	44.63 0.90 0.00	43.47 0.76 0.00	38.54 0.63 0.00	39.40 0.60 0.00
MADISON___COUNTY_LFGE 323628	39.72 0.70 0.00	46.93 0.81 0.00	41.13 0.65 0.00	40.36 0.62 0.00	40.21 0.63 0.00	48.60 0.85 0.00	71.95 1.39 0.00	52.39 1.05 0.00	30.81 0.59 0.00	23.88 0.34 0.00	23.23 0.28 0.00	20.95 0.23 0.00	19.67 0.19 0.00	21.42 0.22 0.00	23.38 0.21 0.00	31.18 0.32 0.00	40.28 0.66 0.00	46.13 1.17 0.00	28.06 0.81 0.00	33.61 0.90 0.00	44.75 1.01 0.00	43.60 0.88 0.00	38.63 0.73 0.00	39.49 0.69 0.00
MALONE___115KV_TB1 356076	41.27 2.25 0.00	48.76 2.65 0.00	43.07 2.59 0.00	42.31 2.56 0.00	42.02 2.44 0.00	50.34 2.60 0.00	74.06 3.49 0.00	54.00 2.67 0.00	31.73 1.51 0.00	24.88 1.34 0.00	24.16 1.22 0.00	21.73 1.01 0.00	20.41 0.93 0.00	22.32 1.12 0.00	24.42 1.25 0.00	32.60 1.74 0.00	41.70 2.08 0.00	47.27 2.31 0.00	28.39 1.14 0.00	34.16 1.45 0.00	45.85 2.11 0.00	44.81 2.09 0.00	39.70 1.79 0.00	40.92 2.12 0.00
MAPLEWOD_115KV_TB3 80458	39.76 0.74 0.00	46.94 0.83 0.00	41.23 0.74 0.00	40.56 0.81 0.00	40.45 0.87 0.00	48.78 1.04 0.00	72.06 1.50 0.00	52.42 1.09 0.00	30.85 0.63 0.00	23.98 0.43 0.00	23.39 0.44 0.00	21.02 0.30 0.00	19.78 0.30 0.00	21.54 0.34 0.00	23.57 0.40 0.00	31.46 0.59 0.00	40.55 0.93 0.00	46.23 1.26 0.00	28.20 0.95 0.00	33.70 0.99 0.00	44.85 1.11 0.00	43.84 1.12 0.00	38.90 1.00 0.00	39.73 0.93 0.00
MAPLE RIDGE_WT_1 323574	39.22 0.19 0.00	46.38 0.26 0.00	40.78 0.29 0.00	40.04 0.29 0.00	39.83 0.25 0.00	48.02 0.28 0.00	70.93 0.37 0.00	51.60 0.27 0.00	30.35 0.13 0.00	23.69 0.14 0.00	23.10 0.15 0.00	20.86 0.14 0.00	19.61 0.12 0.00	21.36 0.16 0.00	23.35 0.18 0.00	31.10 0.23 0.00	39.86 0.24 0.00	45.10 0.14 0.00	27.23 -0.03 0.00	32.74 0.03 0.00	43.91 0.17 0.00	42.90 0.18 0.00	38.04 0.14 0.00	38.99 0.19 0.00
MAPLE RIDGE_WT_2 323611	39.22 0.19 0.00	46.38 0.26 0.00	40.78 0.29 0.00	40.04 0.29 0.00	39.83 0.25 0.00	48.02 0.28 0.00	70.93 0.37 0.00	51.60 0.27 0.00	30.35 0.13 0.00	23.69 0.14 0.00	23.10 0.15 0.00	20.86 0.14 0.00	19.61 0.12 0.00	21.36 0.16 0.00	23.35 0.18 0.00	31.10 0.23 0.00	39.86 0.24 0.00	45.10 0.14 0.00	27.23 -0.03 0.00	32.74 0.03 0.00	43.91 0.17 0.00	42.90 0.18 0.00	38.04 0.14 0.00	38.99 0.19 0.00
MARBLE_RIVER_WT_PWR 323696	41.06 2.04 0.00	48.46 2.34 0.00	42.79 2.30 0.00	42.04 2.29 0.00	41.74 2.16 0.00	49.89 2.15 0.00	73.27 2.71 0.00	53.44 2.11 0.00	31.39 1.17 0.00	24.65 1.11 0.00	23.93 0.98 0.00	21.52 0.80 0.00	20.23 0.75 0.00	22.17 0.97 0.00	24.28 1.11 0.00	32.41 1.55 0.00	41.36 1.74 0.00	46.90 1.94 0.00	28.18 0.93 0.00	33.91 1.20 0.00	45.47 1.73 0.00	44.46 1.74 0.00	39.39 1.48 0.00	40.64 1.84 0.00
MARSHVLE_115KV_TB1 80742	41.40 2.38 0.00	48.96 2.84 0.00	42.95 2.46 0.00	42.08 2.33 0.00	41.86 2.29 0.00	50.64 2.89 0.00	74.85 4.29 0.00	54.49 3.15 0.00	32.08 1.86 0.00	24.79 1.25 0.00	24.10 1.16 0.00	21.83 1.11 0.00	20.54 1.06 0.00	22.31 1.11 0.00	24.33 1.15 0.00	32.29 1.43 0.00	41.70 2.08 0.00	47.87 2.90 0.00	28.99 1.74 0.00	34.74 2.03 0.00	46.52 2.79 0.00	45.52 2.80 0.00	40.29 2.38 0.00	41.25 2.45 0.00
MARSH_HILL_WT_PWR 323713	39.03 0.01 0.00	46.44 0.32 0.00	40.53 0.05 0.00	39.84 0.09 0.00	39.78 0.20 0.00	54.24 0.22 -6.28	81.09 0.51 -10.01	51.97 0.63 0.00	31.35 0.38 -0.75	23.68 0.07 -0.07	22.84 -0.14 -0.03	20.56 -0.19 -0.03	19.25 -0.26 -0.03	20.96 -0.29 -0.05	22.79 -0.38 0.00	30.32 -0.54 0.00	39.36 -0.26 0.00	45.33 0.37 0.00	27.92 0.36 -0.30	33.03 0.31 0.00	43.99 -0.06 -0.31	42.86 -0.04 -0.17	39.09 0.18 -1.00	39.94 0.15 -0.99
MCINTYRE_115KV_TB2 80467	40.45 1.43 0.00	47.89 1.77 0.00	42.39 1.90 0.00	41.61 1.86 0.00	41.31 1.73 0.00	49.73 1.99 0.00	73.04 2.47 0.00	53.18 1.85 0.00	31.20 0.98 0.00	24.48 0.94 0.00	23.89 0.94 0.00	21.56 0.84 0.00	20.23 0.75 0.00	22.05 0.85 0.00	24.19 1.02 0.00	32.29 1.43 0.00	41.25 1.64 0.00	46.52 1.56 0.00	27.83 0.58 0.00	33.54 0.83 0.00	45.17 1.44 0.00	44.14 1.42 0.00	39.14 1.24 0.00	40.22 1.42 0.00
MECO_____69_KV_BK1 80468	42.83 3.81 0.00	50.53 4.41 0.00	44.30 3.81 0.00	43.46 3.71 0.00	43.30 3.72 0.00	52.40 4.66 0.00	77.58 7.02 0.00	56.65 5.32 0.00	33.06 2.84 0.00	24.91 1.37 0.00	23.84 0.90 0.00	21.49 0.77 0.00	20.24 0.76 0.00	21.99 0.79 0.00	24.05 0.87 0.00	32.19 1.32 0.00	42.74 3.12 0.00	50.20 5.24 0.00	30.54 3.29 0.00	36.53 3.82 0.00	48.71 4.97 0.00	47.44 4.72 0.00	41.92 4.01 0.00	42.83 4.03 0.00
MENANDS___115KV_TB5 355628	39.55 0.53 0.00	46.69 0.57 0.00	41.01 0.52 0.00	40.35 0.60 0.00	40.25 0.67 0.00	48.53 0.78 0.00	71.68 1.12 0.00	52.13 0.80 0.00	30.69 0.47 0.00	23.87 0.33 0.00	23.30 0.35 0.00	20.95 0.23 0.00	19.71 0.23 0.00	21.47 0.27 0.00	23.49 0.32 0.00	31.31 0.45 0.00	40.32 0.71 0.00	45.94 0.98 0.00	28.03 0.78 0.00	33.50 0.79 0.00	44.57 0.83 0.00	43.58 0.86 0.00	38.69 0.79 0.00	39.51 0.71 0.00
MG INDUSTRY___DRP 24185	39.70 0.68 0.00	46.91 0.80 0.00	41.23 0.74 0.00	40.54 0.79 0.00	40.42 0.84 0.00	48.74 1.00 0.00	71.98 1.42 0.00	52.37 1.04 0.00	30.72 0.50 0.00	23.81 0.27 0.00	23.23 0.28 0.00	20.91 0.19 0.00	19.67 0.19 0.00	21.41 0.21 0.00	23.43 0.25 0.00	31.30 0.44 0.00	40.43 0.82 0.00	46.11 1.14 0.00	28.09 0.84 0.00	33.59 0.87 0.00	44.71 0.97 0.00	43.67 0.95 0.00	38.79 0.88 0.00	39.63 0.83 0.00
MID___OSWEGATCHIE_HYD 23849	39.16 0.14 0.00	46.32 0.20 0.00	40.86 0.37 0.00	40.09 0.35 0.00	39.83 0.26 0.00	47.95 0.21 0.00	70.52 -0.05 0.00	51.38 0.05 0.00	30.15 -0.07 0.00	23.54 0.00 0.00	22.88 -0.06 0.00	20.64 -0.08 0.00	19.40 -0.07 0.00	21.17 -0.03 0.00	23.16 -0.01 0.00	30.94 0.07 0.00	39.76 0.14 0.00	45.17 0.20 0.00	27.20 -0.05 0.00	32.67 -0.04 0.00	43.79 0.05 0.00	42.72 0.00 0.00	37.92 0.02 0.00	38.92 0.12 0.00
MID___RAQUETTE_HYD 23851	39.51 0.49 0.00	46.77 0.66 0.00	41.42 0.94 0.00	40.65 0.91 0.00	40.37 0.79 0.00	48.44 0.70 0.00	70.91 0.35 0.00	51.65 0.31 0.00	30.31 0.09 0.00	23.82 0.28 0.00	23.21 0.27 0.00	20.94 0.23 0.00	19.67 0.19 0.00	21.46 0.26 0.00	23.50 0.33 0.00	31.33 0.47 0.00	39.99 0.38 0.00	45.13 0.16 0.00	27.04 -0.22 0.00	32.58 -0.13 0.00	43.86 0.13 0.00	42.88 0.16 0.00	38.14 0.23 0.00	39.26 0.46 0.00

MILLIKEN___1 23584	39.30 0.28 0.00	46.47 0.35 0.00	40.63 0.14 0.00	39.88 0.13 0.00	39.76 0.19 0.00	48.10 0.36 0.00	71.11 0.55 0.00	51.81 0.47 0.00	30.46 0.23 0.00	23.63 0.09 0.00	22.94 -0.01 0.00	20.69 -0.03 0.00	19.42 -0.06 0.00	21.10 -0.09 0.00	23.05 -0.12 0.00	30.79 -0.08 0.00	39.70 0.09 0.00	45.51 0.54 0.00	27.75 0.49 0.00	33.19 0.47 0.00	44.08 0.34 0.00	43.02 0.30 0.00	38.15 0.25 0.00	38.98 0.18 0.00
MILLIKEN___2 23585	39.30 0.28 0.00	46.47 0.35 0.00	40.63 0.14 0.00	39.88 0.13 0.00	39.76 0.19 0.00	48.10 0.36 0.00	71.11 0.55 0.00	51.81 0.47 0.00	30.46 0.23 0.00	23.63 0.09 0.00	22.94 -0.01 0.00	20.69 -0.03 0.00	19.42 -0.06 0.00	21.10 -0.09 0.00	23.05 -0.12 0.00	30.79 -0.08 0.00	39.70 0.09 0.00	45.51 0.54 0.00	27.75 0.49 0.00	33.19 0.47 0.00	44.08 0.34 0.00	43.02 0.30 0.00	38.15 0.25 0.00	38.98 0.18 0.00
MILLIKEN___DIESEL 23629	39.30 0.28 0.00	46.47 0.35 0.00	40.63 0.14 0.00	39.88 0.13 0.00	39.76 0.19 0.00	48.10 0.36 0.00	71.11 0.55 0.00	51.81 0.47 0.00	30.46 0.23 0.00	23.63 0.09 0.00	22.94 -0.01 0.00	20.69 -0.03 0.00	19.42 -0.06 0.00	21.10 -0.09 0.00	23.05 -0.12 0.00	30.79 -0.08 0.00	39.70 0.09 0.00	45.51 0.54 0.00	27.75 0.49 0.00	33.19 0.47 0.00	44.08 0.34 0.00	43.02 0.30 0.00	38.15 0.25 0.00	38.98 0.18 0.00
MILLSEAT___LFGE 323607	36.42 -2.61 0.00	43.20 -2.92 0.00	37.73 -2.76 0.00	37.01 -2.74 0.00	36.90 -2.68 0.00	28.85 -2.25 16.65	40.34 -3.69 26.53	47.23 -4.10 0.00	25.98 -2.27 1.98	21.64 -1.73 0.18	21.18 -1.69 0.08	19.29 -1.35 0.08	18.16 -1.24 0.08	19.82 -1.25 0.14	21.69 -1.48 0.00	28.67 -2.20 0.00	36.37 -3.25 0.00	41.45 -3.51 0.00	24.43 -2.01 0.81	30.09 -2.62 0.00	39.10 -3.82 0.82	38.55 -3.72 0.46	32.06 -3.19 2.66	33.48 -2.70 2.63
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.27 1.25 0.00	47.54 1.42 0.00	41.66 1.17 0.00	41.03 1.29 0.00	41.02 1.44 0.00	49.43 1.69 0.00	73.05 2.49 0.00	53.35 2.02 0.00	31.54 1.33 0.00	24.46 0.92 0.00	23.86 0.91 0.00	21.52 0.81 0.00	20.24 0.76 0.00	21.96 0.75 0.00	24.03 0.86 0.00	32.10 1.23 0.00	41.18 1.57 0.00	47.06 2.09 0.00	28.83 1.58 0.00	34.41 1.69 0.00	45.62 1.88 0.00	44.55 1.83 0.00	39.63 1.72 0.00	40.45 1.65 0.00
MILLWOOD_13_KV_LOAD 356217	40.36 1.33 0.00	47.64 1.52 0.00	41.74 1.25 0.00	41.11 1.36 0.00	41.10 1.52 0.00	49.54 1.79 0.00	73.22 2.65 0.00	53.47 2.13 0.00	31.62 1.40 0.00	24.52 0.98 0.00	23.91 0.97 0.00	21.57 0.85 0.00	20.28 0.80 0.00	22.00 0.80 0.00	24.09 0.92 0.00	32.17 1.31 0.00	41.29 1.68 0.00	47.18 2.21 0.00	28.91 1.66 0.00	34.50 1.78 0.00	45.73 2.00 0.00	44.67 1.94 0.00	39.72 1.82 0.00	40.54 1.74 0.00
MODEL_CITY_ENERGY 24167	35.18 -3.85 0.00	41.77 -4.35 0.00	36.50 -3.99 0.00	35.80 -3.95 0.00	35.72 -3.86 0.00	24.90 -3.53 19.31	34.05 -5.73 30.78	45.50 -5.84 0.00	24.63 -3.29 2.30	20.90 -2.43 0.21	20.54 -2.31 0.09	18.73 -1.89 0.10	17.65 -1.74 0.09	19.26 -1.78 0.16	21.13 -2.04 0.00	27.87 -3.00 0.00	35.07 -4.55 0.00	39.78 -5.18 0.00	23.25 -3.07 0.94	28.83 -3.88 0.00	37.31 -5.48 0.95	36.93 -5.27 0.53	30.34 -4.48 3.08	31.88 -3.87 3.05
MODERN_LFGE___ 323580	35.18 -3.85 0.00	41.77 -4.35 0.00	36.50 -3.99 0.00	35.80 -3.95 0.00	35.72 -3.86 0.00	24.90 -3.53 19.31	34.05 -5.73 30.78	45.50 -5.84 0.00	24.63 -3.29 2.30	20.90 -2.43 0.21	20.54 -2.31 0.09	18.73 -1.89 0.10	17.65 -1.74 0.09	19.26 -1.78 0.16	21.13 -2.04 0.00	27.87 -3.00 0.00	35.07 -4.55 0.00	39.78 -5.18 0.00	23.25 -3.07 0.94	28.83 -3.88 0.00	37.31 -5.48 0.95	36.93 -5.27 0.53	30.34 -4.48 3.08	31.88 -3.87 3.05
MOHAWK_PAPER___DRP 24187	39.76 0.74 0.00	46.94 0.83 0.00	41.23 0.74 0.00	40.56 0.81 0.00	40.45 0.87 0.00	48.78 1.04 0.00	72.06 1.50 0.00	52.42 1.09 0.00	30.85 0.63 0.00	23.98 0.43 0.00	23.39 0.44 0.00	21.02 0.30 0.00	19.78 0.30 0.00	21.54 0.34 0.00	23.57 0.40 0.00	31.46 0.59 0.00	40.55 0.93 0.00	46.23 1.26 0.00	28.20 0.95 0.00	33.70 0.99 0.00	44.85 1.11 0.00	43.84 1.12 0.00	38.90 1.00 0.00	39.73 0.93 0.00
MOHICAN__35_KV_115KV_LD 80490	40.79 1.77 0.00	48.16 2.04 0.00	42.27 1.78 0.00	41.58 1.83 0.00	41.45 1.87 0.00	49.97 2.23 0.00	73.81 3.24 0.00	53.73 2.40 0.00	31.47 1.25 0.00	24.47 0.93 0.00	23.76 0.81 0.00	21.26 0.54 0.00	20.00 0.52 0.00	21.77 0.57 0.00	23.92 0.75 0.00	32.24 1.38 0.00	41.86 2.24 0.00	47.79 2.83 0.00	29.18 1.93 0.00	34.90 2.19 0.00	46.35 2.61 0.00	45.17 2.45 0.00	39.98 2.07 0.00	40.76 1.96 0.00
MONGAUP___HYD 23641	40.16 1.14 0.00	47.40 1.29 0.00	41.54 1.05 0.00	40.88 1.13 0.00	40.81 1.24 0.00	49.24 1.49 0.00	72.88 2.31 0.00	53.18 1.85 0.00	31.30 1.08 0.00	24.16 0.62 0.00	23.43 0.48 0.00	21.08 0.36 0.00	19.80 0.32 0.00	21.48 0.28 0.00	23.53 0.36 0.00	31.53 0.66 0.00	40.76 1.15 0.00	46.57 1.61 0.00	28.50 1.24 0.00	34.08 1.37 0.00	45.58 1.85 0.00	44.35 1.63 0.00	39.36 1.46 0.00	40.17 1.37 0.00
MONTAUK___DIESEL 23721	41.40 2.37 0.00	49.30 3.19 0.00	43.31 2.82 0.00	42.75 3.00 0.00	42.77 3.19 0.00	51.68 3.94 0.00	76.13 5.56 0.00	59.49 4.36 -3.80	32.57 2.35 0.00	25.15 1.60 0.00	24.66 1.71 0.00	22.43 1.71 0.00	21.03 1.55 0.00	22.83 1.63 0.00	26.30 2.14 -0.99	47.17 3.10 -13.21	108.75 4.22 -64.92	52.97 5.09 -2.91	53.81 3.22 -23.34	37.13 3.50 -0.93	47.58 3.84 0.00	46.02 3.30 0.00	44.50 3.29 -3.31	42.10 3.30 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.47 -1.56 0.00	44.47 -1.65 0.00	38.74 -1.75 0.00	38.07 -1.68 0.00	38.06 -1.52 0.00	46.50 -1.24 0.00	68.67 -1.90 0.00	48.91 -2.42 0.00	28.95 -1.27 0.00	22.65 -0.89 0.00	22.10 -0.84 0.00	20.08 -0.64 0.00	18.85 -0.62 0.00	20.59 -0.61 0.00	22.43 -0.75 0.00	29.60 -1.27 0.00	37.48 -2.13 0.00	42.67 -2.29 0.00	26.01 -1.24 0.00	31.06 -1.65 0.00	41.07 -2.67 0.00	40.13 -2.59 0.00	35.85 -2.06 0.00	37.25 -1.55 0.00
MORTIMER_115KV_TB3 55949	37.12 -1.90 0.00	44.00 -2.12 0.00	38.43 -2.06 0.00	37.69 -2.05 0.00	37.56 -2.02 0.00	45.64 -2.11 0.00	67.45 -3.11 0.00	48.36 -2.98 0.00	28.55 -1.67 0.00	22.29 -1.25 0.00	21.74 -1.20 0.00	19.76 -0.96 0.00	18.60 -0.88 0.00	20.29 -0.91 0.00	22.11 -1.06 0.00	29.30 -1.57 0.00	37.36 -2.26 0.00	42.53 -2.44 0.00	25.86 -1.39 0.00	30.90 -1.81 0.00	41.05 -2.69 0.00	40.09 -2.63 0.00	35.54 -2.37 0.00	36.67 -2.13 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.37 1.35 0.00	47.63 1.51 0.00	41.80 1.31 0.00	41.19 1.45 0.00	41.21 1.63 0.00	49.61 1.87 0.00	73.33 2.77 0.00	53.60 2.27 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.04 1.09 0.00	21.69 0.97 0.00	20.40 0.92 0.00	22.11 0.91 0.00	24.18 1.00 0.00	32.27 1.40 0.00	41.38 1.76 0.00	47.24 2.28 0.00	28.98 1.73 0.00	34.56 1.85 0.00	45.77 2.04 0.00	44.75 2.03 0.00	39.81 1.91 0.00	40.63 1.84 0.00

MUNSVILLE_WIND_PWR 323609	41.89 2.87 0.00	49.58 3.46 0.00	43.36 2.87 0.00	42.57 2.82 0.00	42.43 2.85 0.00	57.28 3.83 -5.70	85.50 5.84 -9.09	55.75 4.42 0.00	33.43 2.53 -0.68	25.35 1.74 -0.06	24.49 1.51 -0.03	22.11 1.36 -0.03	20.70 1.19 -0.03	22.49 1.24 -0.05	24.49 1.31 0.00	32.80 1.93 0.00	42.65 3.04 0.00	49.02 4.06 0.00	30.10 2.57 -0.28	35.51 2.80 0.00	47.38 3.37 -0.28	46.14 3.26 -0.16	41.68 2.86 -0.91	42.59 2.89 -0.90
N SALMON___HYD 24042	41.27 2.25 0.00	48.76 2.64 0.00	43.08 2.59 0.00	42.31 2.56 0.00	42.02 2.45 0.00	50.35 2.60 0.00	74.05 3.48 0.00	54.00 2.67 0.00	31.73 1.51 0.00	24.88 1.34 0.00	24.16 1.22 0.00	21.73 1.01 0.00	20.41 0.93 0.00	22.32 1.12 0.00	24.42 1.25 0.00	32.60 1.73 0.00	41.69 2.08 0.00	47.27 2.31 0.00	28.39 1.14 0.00	34.16 1.45 0.00	45.85 2.11 0.00	44.81 2.09 0.00	39.70 1.79 0.00	40.92 2.12 0.00
N.AKRON__115KV_KNAPP 355671	36.39 -2.63 0.00	43.20 -2.92 0.00	37.72 -2.77 0.00	37.00 -2.75 0.00	36.89 -2.68 0.00	45.39 -2.35 0.00	66.97 -3.60 0.00	47.21 -4.13 0.00	27.92 -2.30 0.00	21.82 -1.72 0.00	21.27 -1.68 0.00	19.38 -1.33 0.00	18.25 -1.23 0.00	19.96 -1.24 0.00	21.70 -1.48 0.00	28.69 -2.18 0.00	36.34 -3.28 0.00	41.41 -3.56 0.00	25.20 -2.05 0.00	30.06 -2.66 0.00	39.86 -3.88 0.00	38.97 -3.76 0.00	34.64 -3.26 0.00	36.10 -2.70 0.00
N.BELMOR_69_KV_BK1 55787	41.00 1.98 0.00	48.50 2.38 0.00	42.52 2.03 0.00	41.91 2.15 0.00	41.88 2.30 0.00	50.43 2.69 0.00	74.13 3.57 0.00	57.92 2.78 -3.80	32.11 1.89 0.00	24.86 1.32 0.00	24.27 1.32 0.00	21.90 1.18 0.00	20.61 1.13 0.00	22.35 1.15 0.00	25.56 1.40 -0.99	46.02 1.94 -13.21	106.98 2.45 -64.92	50.87 3.00 -2.91	52.85 2.26 -23.34	36.14 2.50 -0.93	46.65 2.91 0.00	45.50 2.79 0.00	43.85 2.63 -3.31	41.34 2.54 0.00
N.E_GEN_SANDY PD 24062	42.31 1.12 -2.17	47.37 1.25 0.00	41.59 1.10 0.00	40.97 1.23 0.00	42.24 1.32 -1.34	54.02 1.57 -4.71	81.16 2.31 -8.28	53.31 1.71 -0.26	31.23 1.01 0.00	24.43 0.75 -0.13	24.16 0.69 -0.52	21.14 0.51 0.09	19.96 0.48 0.00	22.23 0.51 -0.52	24.20 0.61 -0.42	31.78 0.94 0.02	42.10 1.29 -1.20	51.85 1.71 -5.18	44.63 1.27 -16.11	44.22 1.36 -10.14	54.81 1.50 -9.56	49.14 1.51 -4.91	39.33 1.42 0.00	39.58 1.37 0.58
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.18 1.16 0.00	47.43 1.31 0.00	41.56 1.07 0.00	40.91 1.17 0.00	40.90 1.32 0.00	49.32 1.58 0.00	72.91 2.34 0.00	53.24 1.90 0.00	31.47 1.25 0.00	24.39 0.85 0.00	23.79 0.84 0.00	21.45 0.73 0.00	20.17 0.69 0.00	21.88 0.68 0.00	23.95 0.78 0.00	32.00 1.14 0.00	41.05 1.43 0.00	46.91 1.95 0.00	28.74 1.48 0.00	34.28 1.57 0.00	45.48 1.75 0.00	44.42 1.70 0.00	39.49 1.59 0.00	40.33 1.53 0.00
N.QUEENS_27_KV_LOAD 356247	40.36 1.34 0.00	47.62 1.50 0.00	41.77 1.28 0.00	41.23 1.48 0.00	41.19 1.61 0.00	49.55 1.81 0.00	73.36 2.80 0.00	53.69 2.35 0.00	31.76 1.53 0.00	24.62 1.08 0.00	24.11 1.16 0.00	21.72 1.00 0.00	20.43 0.95 0.00	22.14 0.94 0.00	24.19 1.02 0.00	32.25 1.39 0.00	41.40 1.78 0.00	47.28 2.32 0.00	29.04 1.79 0.00	34.59 1.87 0.00	45.83 2.10 0.00	44.80 2.08 0.00	39.90 2.00 0.00	40.82 2.02 0.00
N.TROY___115KV_TB1 355778	40.05 1.02 0.00	47.28 1.16 0.00	41.52 1.03 0.00	40.86 1.11 0.00	40.74 1.17 0.00	49.14 1.39 0.00	72.59 2.03 0.00	52.80 1.46 0.00	31.03 0.81 0.00	24.12 0.58 0.00	23.47 0.52 0.00	21.07 0.35 0.00	19.83 0.35 0.00	21.60 0.40 0.00	23.65 0.48 0.00	31.65 0.78 0.00	40.81 1.19 0.00	46.53 1.56 0.00	28.36 1.12 0.00	33.94 1.22 0.00	45.15 1.41 0.00	44.13 1.41 0.00	39.15 1.25 0.00	39.99 1.19 0.00
NARROWS_GT1_1 24228	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT1_2 24229	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT1_3 24230	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT1_4 24231	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT1_5 24232	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT1_6 24233	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT1_7 24234	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00

NARROWS_GT1_8 24235	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT2_1 24236	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT2_2 24237	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT2_3 24238	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT2_4 24239	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT2_5 24240	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT2_6 24241	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT2_7 24242	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NARROWS_GT2_8 24243	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.04 2.71 0.00	31.98 1.76 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.57 1.54 0.00	47.90 1.78 0.00	42.08 1.59 0.00	41.39 1.64 0.00	41.24 1.66 0.00	49.82 2.07 0.00	73.68 3.11 0.00	53.63 2.29 0.00	31.43 1.21 0.00	24.26 0.72 0.00	23.59 0.64 0.00	21.17 0.45 0.00	19.90 0.42 0.00	21.68 0.48 0.00	23.74 0.57 0.00	31.77 0.90 0.00	41.32 1.70 0.00	47.42 2.46 0.00	28.93 1.68 0.00	34.53 1.82 0.00	45.93 2.19 0.00	44.79 2.08 0.00	39.67 1.77 0.00	40.47 1.67 0.00
NCHELSEA_115KV_TR2 355582	40.58 1.56 0.00	47.89 1.78 0.00	41.98 1.49 0.00	41.35 1.60 0.00	41.30 1.72 0.00	49.82 2.07 0.00	73.67 3.10 0.00	53.77 2.43 0.00	31.74 1.52 0.00	24.62 1.08 0.00	23.98 1.03 0.00	21.60 0.88 0.00	20.30 0.82 0.00	22.03 0.83 0.00	24.15 0.97 0.00	32.29 1.42 0.00	41.52 1.90 0.00	47.47 2.51 0.00	29.06 1.81 0.00	34.70 1.98 0.00	45.99 2.25 0.00	44.88 2.16 0.00	39.90 2.00 0.00	40.71 1.91 0.00
NEG CAPITAL___MECHNVIL 23645	40.52 1.50 0.00	47.82 1.70 0.00	41.98 1.49 0.00	41.29 1.54 0.00	41.17 1.59 0.00	49.68 1.93 0.00	73.45 2.89 0.00	53.46 2.12 0.00	31.37 1.15 0.00	24.34 0.80 0.00	23.67 0.72 0.00	21.26 0.55 0.00	20.00 0.52 0.00	21.78 0.58 0.00	23.87 0.70 0.00	32.03 1.16 0.00	41.43 1.82 0.00	47.29 2.33 0.00	28.83 1.58 0.00	34.48 1.77 0.00	45.84 2.10 0.00	44.73 2.01 0.00	39.63 1.72 0.00	40.45 1.64 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.75 -2.27 0.00	43.53 -2.59 0.00	38.04 -2.46 0.00	37.32 -2.43 0.00	37.20 -2.38 0.00	38.50 -2.60 6.64	56.05 -3.93 10.59	48.01 -3.33 0.00	27.55 -1.88 0.79	22.01 -1.46 0.07	21.48 -1.43 0.03	19.50 -1.18 0.03	18.35 -1.10 0.03	19.98 -1.17 0.06	21.85 -1.33 0.00	29.02 -1.85 0.00	37.13 -2.49 0.00	42.27 -2.69 0.00	25.38 -1.55 0.32	30.72 -2.00 0.00	40.49 -2.92 0.33	39.66 -2.88 0.18	34.26 -2.59 1.06	35.27 -2.48 1.05
NEG CENTRAL___DRP 24199	38.46 -0.56 0.00	45.48 -0.64 0.00	39.76 -0.73 0.00	39.02 -0.73 0.00	38.93 -0.65 0.00	47.04 -0.70 0.00	69.58 -0.98 0.00	50.60 -0.74 0.00	29.76 -0.46 0.00	23.12 -0.42 0.00	22.46 -0.49 0.00	20.30 -0.42 0.00	19.06 -0.42 0.00	20.73 -0.48 0.00	22.62 -0.55 0.00	30.15 -0.72 0.00	38.79 -0.83 0.00	44.43 -0.53 0.00	27.11 -0.14 0.00	32.39 -0.32 0.00	43.00 -0.74 0.00	41.96 -0.76 0.00	37.22 -0.69 0.00	38.10 -0.71 0.00
NEG CENTRAL___INDECK 23768	39.15 0.13 0.00	46.37 0.25 0.00	40.45 -0.04 0.00	39.50 -0.25 0.00	38.91 -0.67 0.00	50.99 -1.13 -4.37	75.52 -2.01 -6.97	50.04 -1.29 0.00	30.12 -0.62 -0.52	22.73 -0.85 -0.05	21.91 -1.06 -0.02	19.72 -1.02 -0.02	18.53 -0.97 -0.02	20.18 -1.06 -0.04	21.93 -1.24 0.00	29.12 -1.75 0.00	37.72 -1.90 0.00	43.78 -1.19 0.00	27.05 -0.41 -0.21	32.06 -0.66 0.00	42.69 -1.26 -0.21	41.54 -1.30 -0.12	37.43 -1.17 -0.70	38.32 -1.17 -0.69

NEG CENTRAL___SENECA 23627	38.49 -0.54 0.00	45.52 -0.60 0.00	39.80 -0.69 0.00	39.07 -0.69 0.00	38.98 -0.60 0.00	47.12 -0.62 0.00	69.77 -0.80 0.00	50.70 -0.63 0.00	29.84 -0.38 0.00	23.15 -0.39 0.00	22.45 -0.49 0.00	20.29 -0.43 0.00	19.04 -0.44 0.00	20.72 -0.49 0.00	22.61 -0.56 0.00	30.12 -0.74 0.00	38.80 -0.81 0.00	44.50 -0.47 0.00	27.17 -0.07 0.00	32.47 -0.24 0.00	43.04 -0.70 0.00	41.96 -0.76 0.00	37.24 -0.66 0.00	38.17 -0.63 0.00
NEG CENTRAL___STATE_STREET 24147	38.75 -0.28 0.00	45.86 -0.25 0.00	39.98 -0.51 0.00	39.30 -0.45 0.00	39.19 -0.39 0.00	47.41 -0.33 0.00	69.89 -0.67 0.00	50.93 -0.40 0.00	29.90 -0.32 0.00	23.28 -0.26 0.00	22.69 -0.26 0.00	20.51 -0.21 0.00	19.27 -0.20 0.00	20.94 -0.26 0.00	22.84 -0.33 0.00	30.49 -0.38 0.00	39.06 -0.56 0.00	44.72 -0.24 0.00	27.26 0.01 0.00	32.51 -0.20 0.00	43.19 -0.54 0.00	42.31 -0.41 0.00	37.50 -0.41 0.00	38.26 -0.54 0.00
NEG MILLWOOD___DRP 24198	40.72 1.70 0.00	48.05 1.93 0.00	42.12 1.63 0.00	41.49 1.74 0.00	41.46 1.88 0.00	50.00 2.25 0.00	73.93 3.37 0.00	53.97 2.64 0.00	31.89 1.66 0.00	24.73 1.19 0.00	24.10 1.15 0.00	21.71 0.99 0.00	20.40 0.92 0.00	22.13 0.93 0.00	24.25 1.07 0.00	32.41 1.54 0.00	41.66 2.05 0.00	47.66 2.69 0.00	29.18 1.93 0.00	34.84 2.13 0.00	46.17 2.43 0.00	45.05 2.33 0.00	40.05 2.15 0.00	40.85 2.05 0.00
NEG NORTH_FLCN_SEA 23793	41.65 2.63 0.00	49.09 2.97 0.00	43.37 2.88 0.00	42.63 2.88 0.00	42.29 2.71 0.00	50.32 2.58 0.00	73.68 3.11 0.00	53.81 2.48 0.00	31.60 1.38 0.00	24.85 1.30 0.00	24.08 1.13 0.00	21.63 0.91 0.00	20.33 0.85 0.00	22.37 1.17 0.00	24.48 1.30 0.00	32.73 1.87 0.00	41.72 2.10 0.00	47.41 2.44 0.00	28.50 1.25 0.00	34.26 1.55 0.00	45.86 2.12 0.00	44.84 2.12 0.00	39.74 1.83 0.00	41.12 2.32 0.00
NEG NORTH_KES_CHATEGAY 23792	41.16 2.13 0.00	48.59 2.47 0.00	42.91 2.42 0.00	42.13 2.38 0.00	41.82 2.25 0.00	50.04 2.30 0.00	73.62 3.05 0.00	53.67 2.34 0.00	31.52 1.30 0.00	24.72 1.18 0.00	24.01 1.06 0.00	21.59 0.87 0.00	20.30 0.82 0.00	22.23 1.03 0.00	24.33 1.16 0.00	32.48 1.62 0.00	41.50 1.88 0.00	47.07 2.10 0.00	28.26 1.01 0.00	34.02 1.30 0.00	45.65 1.91 0.00	44.62 1.90 0.00	39.51 1.61 0.00	40.74 1.94 0.00
NEG NORTH___ALICE_FALLS 23915	41.75 2.73 0.00	49.22 3.10 0.00	43.48 3.00 0.00	42.73 2.98 0.00	42.42 2.84 0.00	50.61 2.86 0.00	74.28 3.71 0.00	54.21 2.88 0.00	31.84 1.61 0.00	25.00 1.46 0.00	24.23 1.28 0.00	21.76 1.05 0.00	20.45 0.97 0.00	22.46 1.26 0.00	24.58 1.41 0.00	32.88 2.01 0.00	41.95 2.33 0.00	47.71 2.74 0.00	28.69 1.43 0.00	34.49 1.78 0.00	46.16 2.42 0.00	45.11 2.39 0.00	39.95 2.05 0.00	41.29 2.49 0.00
NEG NORTH___LWR_SARANAC 23913	41.75 2.73 0.00	49.22 3.10 0.00	43.48 3.00 0.00	42.73 2.98 0.00	42.42 2.84 0.00	50.61 2.86 0.00	74.28 3.71 0.00	54.21 2.88 0.00	31.84 1.61 0.00	25.00 1.46 0.00	24.23 1.28 0.00	21.76 1.05 0.00	20.45 0.97 0.00	22.46 1.26 0.00	24.58 1.41 0.00	32.88 2.01 0.00	41.95 2.33 0.00	47.71 2.74 0.00	28.69 1.43 0.00	34.49 1.78 0.00	46.16 2.42 0.00	45.11 2.39 0.00	39.95 2.05 0.00	41.29 2.49 0.00
NEG NORTH___PLATTSBURG 23628	41.75 2.73 0.00	49.22 3.10 0.00	43.48 2.99 0.00	42.73 2.98 0.00	42.42 2.84 0.00	50.60 2.86 0.00	74.27 3.70 0.00	54.21 2.88 0.00	31.84 1.61 0.00	25.00 1.46 0.00	24.23 1.28 0.00	21.76 1.05 0.00	20.45 0.97 0.00	22.46 1.26 0.00	24.58 1.41 0.00	32.88 2.01 0.00	41.95 2.33 0.00	47.70 2.74 0.00	28.69 1.43 0.00	34.49 1.78 0.00	46.16 2.42 0.00	45.10 2.38 0.00	39.95 2.05 0.00	41.29 2.49 0.00
NEG WEST_LEA_LOCKPORT 23791	35.56 -3.46 0.00	42.24 -3.88 0.00	36.89 -3.60 0.00	36.19 -3.56 0.00	36.11 -3.47 0.00	44.46 -3.28 0.00	65.52 -5.05 0.00	46.04 -5.30 0.00	27.23 -2.99 0.00	21.36 -2.18 0.00	20.87 -2.08 0.00	19.04 -1.68 0.00	17.94 -1.55 0.00	19.63 -1.57 0.00	21.35 -1.82 0.00	28.16 -2.70 0.00	35.49 -4.13 0.00	40.27 -4.70 0.00	24.48 -2.77 0.00	29.19 -3.53 0.00	38.73 -5.01 0.00	37.92 -4.81 0.00	33.75 -4.15 0.00	35.27 -3.53 0.00
NEG WEST___LANCASTR 23811	36.74 -2.28 0.00	43.61 -2.51 0.00	37.99 -2.50 0.00	37.25 -2.50 0.00	37.16 -2.42 0.00	45.52 -2.22 0.00	67.10 -3.46 0.00	47.59 -3.74 0.00	28.24 -1.98 0.00	22.12 -1.42 0.00	21.58 -1.36 0.00	19.63 -1.08 0.00	18.52 -0.96 0.00	20.19 -1.01 0.00	22.00 -1.17 0.00	29.04 -1.83 0.00	36.76 -2.86 0.00	41.71 -3.25 0.00	25.39 -1.87 0.00	30.30 -2.41 0.00	40.21 -3.53 0.00	39.32 -3.40 0.00	35.08 -2.82 0.00	36.47 -2.33 0.00
NEG_PENN_ALLEGHNY 23528	38.64 -0.38 0.00	45.69 -0.42 0.00	40.02 -0.47 0.00	39.29 -0.46 0.00	39.17 -0.40 0.00	54.04 -0.46 -6.76	80.74 -0.60 -10.77	50.97 -0.36 0.00	30.79 -0.23 -0.81	23.38 -0.23 -0.07	22.73 -0.25 -0.03	20.53 -0.22 -0.03	19.28 -0.23 -0.03	20.99 -0.27 -0.06	22.88 -0.29 0.00	30.48 -0.39 0.00	39.22 -0.40 0.00	44.75 -0.22 0.00	27.58 0.00 -0.33	32.67 -0.04 0.00	43.69 -0.38 -0.33	42.45 -0.45 -0.18	38.66 -0.33 -1.08	39.54 -0.33 -1.07
NEG___GEN_MONROE 24207	37.24 -1.78 0.00	44.13 -1.98 0.00	38.55 -1.94 0.00	37.82 -1.93 0.00	37.69 -1.88 0.00	45.88 -1.86 0.00	67.84 -2.73 0.00	48.50 -2.83 0.00	28.64 -1.58 0.00	22.33 -1.21 0.00	21.77 -1.18 0.00	19.79 -0.93 0.00	18.62 -0.86 0.00	20.33 -0.87 0.00	22.14 -1.03 0.00	29.33 -1.53 0.00	37.41 -2.20 0.00	42.64 -2.32 0.00	25.95 -1.30 0.00	30.99 -1.73 0.00	41.15 -2.59 0.00	40.18 -2.54 0.00	35.63 -2.27 0.00	36.81 -1.99 0.00
NEPA___ENERGY 23901	36.39 -2.63 0.00	43.19 -2.93 0.00	37.60 -2.89 0.00	36.96 -2.79 0.00	36.98 -2.60 0.00	44.99 -2.76 0.00	66.47 -4.10 0.00	47.65 -3.69 0.00	28.09 -2.13 0.00	21.98 -1.56 0.00	21.48 -1.47 0.00	19.50 -1.22 0.00	18.30 -1.18 0.00	19.98 -1.22 0.00	21.80 -1.38 0.00	28.85 -2.02 0.00	36.56 -3.05 0.00	41.61 -3.36 0.00	25.34 -1.92 0.00	30.37 -2.34 0.00	40.14 -3.60 0.00	39.16 -3.56 0.00	34.98 -2.92 0.00	36.22 -2.58 0.00
NEVERSINK___HYD 23608	40.27 1.25 0.00	47.55 1.43 0.00	41.64 1.15 0.00	40.78 1.03 0.00	40.73 1.15 0.00	49.15 1.41 0.00	72.79 2.23 0.00	53.19 1.86 0.00	31.36 1.14 0.00	24.23 0.69 0.00	23.52 0.57 0.00	21.19 0.47 0.00	19.89 0.41 0.00	21.56 0.36 0.00	23.62 0.45 0.00	31.65 0.78 0.00	40.85 1.24 0.00	46.87 1.91 0.00	28.68 1.43 0.00	34.27 1.55 0.00	45.46 1.73 0.00	44.34 1.62 0.00	39.36 1.46 0.00	40.15 1.35 0.00
NEWKRMKL_115KV_TB1 55635	39.35 0.32 0.00	46.45 0.33 0.00	40.79 0.31 0.00	40.14 0.39 0.00	40.02 0.45 0.00	48.26 0.52 0.00	71.31 0.75 0.00	51.88 0.54 0.00	30.55 0.33 0.00	23.76 0.22 0.00	23.22 0.27 0.00	20.88 0.17 0.00	19.65 0.17 0.00	21.40 0.19 0.00	23.41 0.23 0.00	31.16 0.30 0.00	40.15 0.54 0.00	45.75 0.79 0.00	27.93 0.67 0.00	33.34 0.63 0.00	44.37 0.63 0.00	43.37 0.65 0.00	38.49 0.58 0.00	39.31 0.51 0.00

NEWTON___FALLS_HYD 23847	39.16 0.14 0.00	46.32 0.20 0.00	40.86 0.37 0.00	40.09 0.35 0.00	39.83 0.26 0.00	47.95 0.21 0.00	70.52 -0.05 0.00	51.38 0.05 0.00	30.15 -0.07 0.00	23.54 0.00 0.00	22.88 -0.06 0.00	20.64 -0.08 0.00	19.40 -0.07 0.00	21.17 -0.03 0.00	23.16 -0.01 0.00	30.94 0.07 0.00	39.76 0.14 0.00	45.17 0.20 0.00	27.20 -0.05 0.00	32.67 -0.04 0.00	43.79 0.05 0.00	42.72 0.00 0.00	37.92 0.02 0.00	38.92 0.12 0.00
NGRID_A1_DSASP 323792	34.98 -4.04 0.00	41.58 -4.54 0.00	36.31 -4.18 0.00	35.64 -4.11 0.00	35.54 -4.04 0.00	23.76 -3.90 20.08	32.31 -6.26 32.00	45.22 -6.11 0.00	24.40 -3.43 2.39	20.68 -2.65 0.22	20.34 -2.51 0.10	18.55 -2.07 0.10	17.49 -1.90 0.09	19.11 -1.92 0.17	20.97 -2.21 0.00	27.63 -3.24 0.00	34.71 -4.91 0.00	39.30 -5.67 0.00	22.97 -3.31 0.97	28.47 -4.25 0.00	36.87 -5.88 0.99	36.49 -5.69 0.55	30.01 -4.69 3.21	31.45 -4.19 3.17
NGRID_A2_DSASP 323793	34.98 -4.04 0.00	41.58 -4.54 0.00	36.31 -4.18 0.00	35.64 -4.11 0.00	35.54 -4.04 0.00	23.76 -3.90 20.08	32.31 -6.26 32.00	45.22 -6.11 0.00	24.40 -3.43 2.39	20.68 -2.65 0.22	20.34 -2.51 0.10	18.55 -2.07 0.10	17.49 -1.90 0.09	19.11 -1.92 0.17	20.97 -2.21 0.00	27.63 -3.24 0.00	34.71 -4.91 0.00	39.30 -5.67 0.00	22.97 -3.31 0.97	28.47 -4.25 0.00	36.87 -5.88 0.99	36.49 -5.69 0.55	30.01 -4.69 3.21	31.45 -4.19 3.17
NGRID_A4_DSASP 323807	34.98 -4.04 0.00	41.58 -4.54 0.00	36.31 -4.18 0.00	35.64 -4.11 0.00	35.54 -4.04 0.00	23.76 -3.90 20.08	32.31 -6.26 32.00	45.22 -6.11 0.00	24.40 -3.43 2.39	20.68 -2.65 0.22	20.34 -2.51 0.10	18.55 -2.07 0.10	17.49 -1.90 0.09	19.11 -1.92 0.17	20.97 -2.21 0.00	27.63 -3.24 0.00	34.71 -4.91 0.00	39.30 -5.67 0.00	22.97 -3.31 0.97	28.47 -4.25 0.00	36.87 -5.88 0.99	36.49 -5.69 0.55	30.01 -4.69 3.21	31.45 -4.19 3.17
NIAGARA_115E_LBMP 323715	34.93 -4.09 0.00	41.50 -4.62 0.00	36.26 -4.22 0.00	35.57 -4.18 0.00	35.49 -4.09 0.00	24.13 -3.75 19.87	32.80 -6.10 31.67	45.18 -6.15 0.00	24.37 -3.49 2.36	20.75 -2.57 0.21	20.40 -2.45 0.10	18.60 -2.01 0.10	17.54 -1.85 0.09	19.14 -1.89 0.16	21.01 -2.16 0.00	27.69 -3.17 0.00	34.82 -4.80 0.00	39.46 -5.50 0.00	23.03 -3.26 0.96	28.60 -4.11 0.00	36.97 -5.79 0.98	36.62 -5.55 0.54	30.01 -4.72 3.17	31.58 -4.09 3.13
NIAGARA_115W_LBMP 323714	34.92 -4.10 0.00	41.50 -4.62 0.00	36.24 -4.25 0.00	35.57 -4.18 0.00	35.48 -4.10 0.00	23.73 -3.97 20.04	32.27 -6.35 31.94	45.14 -6.20 0.00	24.36 -3.48 2.38	20.62 -2.70 0.22	20.28 -2.57 0.10	18.50 -2.12 0.10	17.44 -1.94 0.09	19.06 -1.97 0.17	20.91 -2.26 0.00	27.56 -3.31 0.00	34.63 -4.99 0.00	39.19 -5.77 0.00	22.92 -3.36 0.97	28.39 -4.32 0.00	36.77 -5.98 0.99	36.38 -5.79 0.55	29.96 -4.75 3.20	31.39 -4.25 3.16
NIAGARA_230_LBMP 323716	35.28 -3.74 0.00	41.93 -4.18 0.00	36.59 -3.90 0.00	35.92 -3.83 0.00	35.83 -3.75 0.00	24.22 -3.78 19.75	33.09 -6.00 31.47	45.66 -5.68 0.00	24.67 -3.21 2.35	20.97 -2.36 0.21	20.62 -2.23 0.10	18.79 -1.83 0.10	17.71 -1.67 0.09	19.34 -1.70 0.16	21.23 -1.94 0.00	28.00 -2.87 0.00	35.22 -4.39 0.00	39.89 -5.07 0.00	23.27 -3.02 0.96	28.90 -3.82 0.00	37.40 -5.37 0.97	37.04 -5.14 0.54	30.32 -4.43 3.15	31.72 -3.96 3.11
NIAGARA___115KV_198_GIBSON 55903	34.92 -4.10 0.00	41.50 -4.62 0.00	36.24 -4.24 0.00	35.57 -4.18 0.00	35.48 -4.10 0.00	43.68 -4.07 0.00	64.34 -6.23 0.00	45.14 -6.19 0.00	26.72 -3.50 0.00	20.85 -2.69 0.00	20.38 -2.57 0.00	18.60 -2.12 0.00	17.54 -1.95 0.00	19.23 -1.98 0.00	20.91 -2.26 0.00	27.56 -3.30 0.00	34.62 -5.00 0.00	39.19 -5.77 0.00	23.88 -3.37 0.00	28.39 -4.32 0.00	37.76 -5.98 0.00	36.95 -5.77 0.00	33.13 -4.78 0.00	34.61 -4.19 0.00
NIAGARA____ 23760	35.28 -3.74 0.00	41.93 -4.18 0.00	36.59 -3.90 0.00	35.92 -3.83 0.00	35.83 -3.75 0.00	24.15 -3.78 19.81	32.99 -6.00 31.57	45.66 -5.68 0.00	24.66 -3.21 2.35	20.97 -2.36 0.21	20.62 -2.23 0.10	18.79 -1.83 0.10	17.71 -1.67 0.09	19.34 -1.70 0.16	21.23 -1.94 0.00	28.00 -2.87 0.00	35.22 -4.39 0.00	39.89 -5.07 0.00	23.27 -3.02 0.96	28.90 -3.82 0.00	37.39 -5.37 0.97	37.04 -5.14 0.54	30.31 -4.43 3.16	31.71 -3.96 3.12
NINE_MILE_1 23575	37.52 -1.50 0.00	44.34 -1.78 0.00	38.84 -1.65 0.00	38.05 -1.70 0.00	37.88 -1.69 0.00	45.75 -2.00 0.00	67.60 -2.97 0.00	49.11 -2.22 0.00	28.94 -1.28 0.00	22.55 -0.99 0.00	21.98 -0.97 0.00	19.89 -0.83 0.00	18.71 -0.77 0.00	20.35 -0.85 0.00	22.21 -0.97 0.00	29.52 -1.35 0.00	37.88 -1.73 0.00	43.11 -1.86 0.00	26.21 -1.05 0.00	31.40 -1.32 0.00	41.84 -1.90 0.00	40.84 -1.88 0.00	36.23 -1.67 0.00	37.09 -1.71 0.00
NINE_MILE_2 23744	37.53 -1.50 0.00	44.35 -1.77 0.00	38.85 -1.65 0.00	38.05 -1.70 0.00	37.89 -1.68 0.00	45.75 -1.99 0.00	67.60 -2.97 0.00	49.12 -2.22 0.00	28.94 -1.28 0.00	22.56 -0.99 0.00	21.98 -0.97 0.00	19.89 -0.83 0.00	18.71 -0.77 0.00	20.35 -0.85 0.00	22.21 -0.97 0.00	29.52 -1.35 0.00	37.89 -1.73 0.00	43.12 -1.85 0.00	26.21 -1.04 0.00	31.40 -1.32 0.00	41.84 -1.90 0.00	40.84 -1.88 0.00	36.23 -1.67 0.00	37.10 -1.70 0.00
NM_CAPITAL___DRP 24208	39.46 0.43 0.00	46.59 0.47 0.00	40.92 0.43 0.00	40.26 0.51 0.00	40.15 0.57 0.00	48.42 0.67 0.00	71.51 0.94 0.00	52.02 0.68 0.00	30.62 0.40 0.00	23.82 0.28 0.00	23.26 0.31 0.00	20.91 0.19 0.00	19.67 0.20 0.00	21.43 0.23 0.00	23.45 0.27 0.00	31.24 0.37 0.00	40.23 0.61 0.00	45.84 0.87 0.00	27.98 0.73 0.00	33.41 0.70 0.00	44.45 0.72 0.00	43.48 0.76 0.00	38.60 0.69 0.00	39.42 0.62 0.00
NM_CENTRAL___DRP 24181	38.08 -0.94 0.00	45.01 -1.11 0.00	39.40 -1.09 0.00	38.61 -1.14 0.00	38.48 -1.10 0.00	46.47 -1.28 0.00	68.73 -1.84 0.00	49.93 -1.40 0.00	29.45 -0.77 0.00	22.93 -0.61 0.00	22.33 -0.62 0.00	20.22 -0.50 0.00	19.01 -0.47 0.00	20.68 -0.52 0.00	22.57 -0.61 0.00	30.01 -0.86 0.00	38.53 -1.09 0.00	43.90 -1.06 0.00	26.71 -0.54 0.00	31.99 -0.72 0.00	42.58 -1.16 0.00	41.53 -1.19 0.00	36.83 -1.07 0.00	37.70 -1.10 0.00
NM_FRONTIER___DRP 24179	34.92 -4.10 0.00	41.50 -4.62 0.00	36.24 -4.24 0.00	35.57 -4.18 0.00	35.48 -4.10 0.00	43.68 -4.07 0.00	64.34 -6.23 0.00	45.14 -6.19 0.00	26.72 -3.50 0.00	20.85 -2.69 0.00	20.38 -2.57 0.00	18.60 -2.12 0.00	17.54 -1.95 0.00	19.23 -1.98 0.00	20.91 -2.26 0.00	27.56 -3.30 0.00	34.62 -5.00 0.00	39.19 -5.77 0.00	23.88 -3.37 0.00	28.39 -4.32 0.00	37.76 -5.98 0.00	36.95 -5.77 0.00	33.13 -4.78 0.00	34.61 -4.19 0.00
NM_ST_REGIS___HYD 24053	40.04 1.02 0.00	47.36 1.24 0.00	41.91 1.42 0.00	41.16 1.41 0.00	40.85 1.28 0.00	49.01 1.27 0.00	71.84 1.28 0.00	52.35 1.01 0.00	30.73 0.51 0.00	24.13 0.59 0.00	23.50 0.55 0.00	21.18 0.46 0.00	19.90 0.42 0.00	21.72 0.52 0.00	23.78 0.61 0.00	31.72 0.86 0.00	40.50 0.88 0.00	45.75 0.79 0.00	27.42 0.17 0.00	33.04 0.33 0.00	44.45 0.72 0.00	43.44 0.72 0.00	38.60 0.70 0.00	39.76 0.95 0.00

NORTHPORT___1 23551	41.08 2.06 0.00	48.71 2.60 0.00	42.74 2.25 0.00	42.12 2.37 0.00	42.09 2.52 0.00	50.68 2.94 0.00	74.64 4.07 0.00	58.34 3.19 -3.80	32.18 1.96 0.00	24.93 1.39 0.00	24.36 1.42 0.00	21.99 1.27 0.00	20.65 1.17 0.00	22.39 1.19 0.00	25.65 1.49 -0.99	46.12 2.04 -13.21	107.17 2.64 -64.92	51.13 3.25 -2.91	52.90 2.31 -23.34	36.23 2.59 -0.93	46.75 3.01 0.00	45.57 2.84 0.00	43.98 2.77 -3.31	41.48 2.68 0.00
NORTHPORT___2 23552	41.12 2.10 0.00	48.81 2.69 0.00	42.82 2.33 0.00	42.19 2.44 0.00	42.16 2.58 0.00	50.74 2.99 0.00	74.67 4.10 0.00	58.38 3.24 -3.80	32.24 2.02 0.00	24.97 1.43 0.00	24.40 1.45 0.00	22.01 1.29 0.00	20.67 1.18 0.00	22.39 1.19 0.00	25.68 1.52 -0.99	46.13 2.06 -13.21	107.18 2.64 -64.92	51.12 3.25 -2.91	52.90 2.31 -23.34	36.21 2.57 -0.93	46.76 3.02 0.00	45.60 2.88 0.00	44.03 2.81 -3.31	41.50 2.70 0.00
NORTHPORT___3 23553	40.76 1.74 0.00	48.23 2.11 0.00	42.37 1.89 0.00	41.74 1.99 0.00	41.69 2.12 0.00	50.10 2.35 0.00	73.73 3.16 0.00	57.81 2.67 -3.80	31.93 1.71 0.00	24.74 1.19 0.00	24.16 1.21 0.00	21.80 1.08 0.00	20.49 1.01 0.00	22.21 1.01 0.00	25.44 1.28 -0.99	45.82 1.75 -13.21	106.70 2.17 -64.92	50.66 2.79 -2.91	52.57 1.98 -23.34	35.80 2.16 -0.93	46.19 2.45 0.00	45.05 2.32 0.00	43.56 2.35 -3.31	41.11 2.31 0.00
NORTHPORT___4 23650	40.76 1.74 0.00	48.23 2.11 0.00	42.37 1.89 0.00	41.74 1.99 0.00	41.69 2.12 0.00	50.10 2.35 0.00	73.73 3.16 0.00	57.81 2.67 -3.80	31.93 1.71 0.00	24.74 1.19 0.00	24.16 1.21 0.00	21.80 1.08 0.00	20.49 1.01 0.00	22.21 1.01 0.00	25.44 1.28 -0.99	45.82 1.75 -13.21	106.70 2.17 -64.92	50.66 2.79 -2.91	52.57 1.98 -23.34	35.80 2.16 -0.93	46.19 2.45 0.00	45.05 2.32 0.00	43.56 2.35 -3.31	41.11 2.31 0.00
NORTHPORT___IC 23718	41.12 2.10 0.00	48.81 2.69 0.00	42.82 2.33 0.00	42.19 2.44 0.00	42.16 2.58 0.00	50.74 2.99 0.00	74.67 4.10 0.00	58.38 3.24 -3.80	32.24 2.02 0.00	24.97 1.43 0.00	24.40 1.45 0.00	22.01 1.29 0.00	20.67 1.18 0.00	22.39 1.19 0.00	25.68 1.52 -0.99	46.13 2.06 -13.21	107.18 2.64 -64.92	51.12 3.25 -2.91	52.90 2.31 -23.34	36.21 2.57 -0.93	46.76 3.02 0.00	45.60 2.88 0.00	44.03 2.81 -3.31	41.50 2.70 0.00
NORTH___COUNTRY_ESR 323785	41.01 1.99 0.00	48.41 2.29 0.00	42.75 2.26 0.00	41.99 2.24 0.00	41.68 2.11 0.00	49.88 2.14 0.00	73.34 2.77 0.00	53.47 2.14 0.00	31.41 1.18 0.00	24.64 1.11 0.00	23.94 1.00 0.00	21.55 0.83 0.00	20.25 0.77 0.00	22.18 0.98 0.00	24.28 1.11 0.00	32.41 1.55 0.00	41.37 1.75 0.00	46.85 1.89 0.00	28.13 0.88 0.00	33.88 1.16 0.00	45.47 1.73 0.00	44.46 1.74 0.00	39.38 1.48 0.00	40.59 1.79 0.00
NPX_GEN_1385_PROXY 323591	41.88 2.86 0.00	50.04 3.92 0.00	43.96 3.47 0.00	43.19 3.44 0.00	43.14 3.57 0.00	52.03 4.28 0.00	76.64 6.08 0.00	59.74 4.60 -3.80	33.04 2.82 0.00	25.52 1.98 0.00	24.77 1.82 0.00	22.27 1.55 0.00	20.80 1.32 0.00	22.43 1.23 0.00	26.05 1.89 -0.99	46.44 2.36 -13.21	107.69 3.16 -64.92	51.65 3.77 -2.91	48.46 2.66 -18.55	36.60 2.96 -0.93	52.04 3.97 -4.33	46.71 3.99 0.00	50.77 3.85 -9.01	42.12 3.32 0.00
NPX_GEN_CSC 323557	40.99 1.96 0.00	48.90 2.79 0.00	42.93 2.44 0.00	42.35 2.60 0.00	42.38 2.80 0.00	51.20 3.46 0.00	75.47 4.91 0.00	58.93 3.79 -3.80	32.12 1.90 0.00	24.85 1.31 0.00	24.49 1.54 0.00	22.13 1.42 0.00	20.77 1.29 0.00	22.54 1.34 0.00	25.83 1.67 -0.99	46.40 2.33 -13.21	107.59 3.06 -64.92	51.46 3.59 -2.91	48.22 2.41 -18.55	36.45 2.81 -0.93	51.24 3.18 -4.33	45.51 2.79 0.00	44.19 2.97 -3.31	41.80 3.00 0.00
NSINS_S_GLNS_FALLS 23858	40.73 1.70 0.00	48.09 1.98 0.00	42.20 1.71 0.00	41.52 1.76 0.00	41.38 1.80 0.00	49.90 2.15 0.00	73.72 3.16 0.00	53.67 2.33 0.00	31.44 1.23 0.00	24.44 0.90 0.00	23.74 0.80 0.00	21.25 0.53 0.00	19.98 0.50 0.00	21.76 0.56 0.00	23.90 0.73 0.00	32.21 1.35 0.00	41.82 2.20 0.00	47.73 2.77 0.00	29.15 1.90 0.00	34.86 2.15 0.00	46.30 2.56 0.00	45.11 2.39 0.00	39.92 2.02 0.00	40.71 1.91 0.00
NUCOR_STEEL___DRP 24197	38.71 -0.31 0.00	45.83 -0.29 0.00	39.94 -0.55 0.00	39.28 -0.48 0.00	39.16 -0.42 0.00	47.39 -0.35 0.00	69.80 -0.77 0.00	50.87 -0.47 0.00	29.86 -0.36 0.00	23.26 -0.28 0.00	22.68 -0.27 0.00	20.50 -0.22 0.00	19.28 -0.20 0.00	20.93 -0.27 0.00	22.84 -0.34 0.00	30.49 -0.38 0.00	39.02 -0.60 0.00	44.67 -0.30 0.00	27.22 -0.03 0.00	32.45 -0.26 0.00	43.13 -0.61 0.00	42.27 -0.45 0.00	37.46 -0.45 0.00	38.21 -0.59 0.00
NUMBER_THREE_WT_PWR 323818	39.52 0.50 0.00	46.70 0.58 0.00	41.02 0.53 0.00	40.25 0.51 0.00	40.04 0.47 0.00	48.35 0.61 0.00	71.46 0.89 0.00	52.06 0.73 0.00	30.56 0.34 0.00	23.71 0.17 0.00	23.00 0.05 0.00	20.72 0.00 0.00	19.49 0.01 0.00	21.26 0.05 0.00	23.23 0.06 0.00	31.09 0.22 0.00	40.23 0.61 0.00	45.98 1.02 0.00	27.83 0.58 0.00	33.31 0.60 0.00	44.47 0.73 0.00	43.31 0.59 0.00	38.40 0.49 0.00	39.28 0.48 0.00
NYISO_LBMP_REFERENCE 24008	39.02 0.00 0.00	46.12 0.00 0.00	40.49 0.00 0.00	39.75 0.00 0.00	39.58 0.00 0.00	47.74 0.00 0.00	70.57 0.00 0.00	51.33 0.00 0.00	30.22 0.00 0.00	23.54 0.00 0.00	22.95 0.00 0.00	20.72 0.00 0.00	19.48 0.00 0.00	21.20 0.00 0.00	23.17 0.00 0.00	30.87 0.00 0.00	39.62 0.00 0.00	44.96 0.00 0.00	27.25 0.00 0.00	32.71 0.00 0.00	43.74 0.00 0.00	42.72 0.00 0.00	37.90 0.00 0.00	38.80 0.00 0.00
NYPA_BRENTWD___GT 24164	41.41 2.39 0.00	49.09 2.97 0.00	43.08 2.59 0.00	42.44 2.69 0.00	42.43 2.85 0.00	51.10 3.35 0.00	75.29 4.72 0.00	58.80 3.66 -3.80	32.41 2.19 0.00	25.10 1.56 0.00	24.53 1.59 0.00	22.14 1.42 0.00	20.79 1.31 0.00	22.54 1.34 0.00	25.83 1.67 -0.99	46.38 2.31 -13.21	107.57 3.04 -64.92	51.59 3.72 -2.91	53.15 2.56 -23.34	36.60 2.96 -0.93	47.22 3.48 0.00	45.99 3.27 0.00	44.35 3.14 -3.31	41.85 3.04 0.00
NYPA_GOWANUS___GT5 24156	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.03 2.70 0.00	31.97 1.75 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.11 1.86 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00
NYPA_GOWANUS___GT6 24157	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.72 0.00	41.51 1.94 0.00	49.94 2.19 0.00	73.89 3.32 0.00	54.03 2.70 0.00	31.97 1.75 0.00	24.81 1.26 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.55 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.11 1.86 0.00	34.69 1.98 0.00	45.97 2.23 0.00	53.29 2.22 -8.35	56.68 2.08 -16.70	40.83 2.03 0.00

NYPA_HARLEM__RVR__GT1 24160	40.29 1.27 0.00	47.55 1.43 0.00	41.75 1.26 0.00	41.19 1.44 0.00	41.15 1.57 0.00	49.49 1.74 0.00	73.35 2.79 0.00	53.63 2.30 0.00	31.71 1.49 0.00	24.59 1.06 0.00	24.07 1.12 0.00	21.67 0.96 0.00	20.39 0.91 0.00	22.08 0.88 0.00	24.14 0.97 0.00	32.18 1.31 0.00	41.30 1.68 0.00	47.18 2.21 0.00	28.97 1.72 0.00	34.51 1.80 0.00	45.74 2.00 0.00	44.71 1.99 0.00	39.81 1.91 0.00	40.72 1.92 0.00
NYPA_HARLEM__RVR__GT2 24161	40.29 1.27 0.00	47.55 1.43 0.00	41.75 1.26 0.00	41.19 1.44 0.00	41.15 1.57 0.00	49.49 1.74 0.00	73.35 2.79 0.00	53.63 2.30 0.00	31.71 1.49 0.00	24.59 1.06 0.00	24.07 1.12 0.00	21.67 0.96 0.00	20.39 0.91 0.00	22.08 0.88 0.00	24.14 0.97 0.00	32.18 1.31 0.00	41.30 1.68 0.00	47.18 2.21 0.00	28.97 1.72 0.00	34.51 1.80 0.00	45.74 2.00 0.00	44.71 1.99 0.00	39.81 1.91 0.00	40.72 1.92 0.00
NYPA_KENT____GT 24152	40.47 1.45 0.00	47.77 1.66 0.00	42.00 1.52 0.00	41.38 1.63 0.00	41.40 1.82 0.00	49.82 2.08 0.00	73.72 3.16 0.00	53.90 2.56 0.00	31.90 1.68 0.00	24.75 1.20 0.00	24.18 1.23 0.00	21.81 1.09 0.00	20.51 1.04 0.00	22.23 1.04 0.00	24.29 1.11 0.00	32.37 1.50 0.00	41.46 1.84 0.00	47.32 2.35 0.00	29.06 1.81 0.00	34.63 1.91 0.00	45.89 2.15 0.00	49.92 2.16 -5.04	50.01 2.02 -10.07	40.77 1.97 0.00
NYPA_POUCH1____GT 24155	40.44 1.42 0.00	47.75 1.64 0.00	42.14 1.65 0.00	41.48 1.73 0.00	41.53 1.95 0.00	49.97 2.22 0.00	73.84 3.28 0.00	54.06 2.72 0.00	31.95 1.72 0.00	24.77 1.23 0.00	24.19 1.24 0.00	21.81 1.09 0.00	20.50 1.03 0.00	22.22 1.02 0.00	24.26 1.09 0.00	32.30 1.43 0.00	41.34 1.72 0.00	47.20 2.23 0.00	29.02 1.77 0.00	34.56 1.85 0.00	45.81 2.08 0.00	53.17 2.10 -8.35	56.57 1.96 -16.70	40.72 1.92 0.00
NYPA_VERNON____GT2 24162	40.41 1.39 0.00	47.68 1.57 0.00	41.89 1.40 0.00	41.28 1.53 0.00	41.30 1.72 0.00	49.70 1.96 0.00	73.56 2.99 0.00	53.77 2.43 0.00	31.82 1.60 0.00	24.69 1.14 0.00	24.12 1.17 0.00	21.75 1.04 0.00	20.47 1.00 0.00	22.19 0.99 0.00	24.24 1.07 0.00	32.31 1.45 0.00	41.41 1.80 0.00	47.28 2.31 0.00	29.02 1.77 0.00	34.59 1.88 0.00	45.84 2.10 0.00	46.54 2.09 -1.73	43.32 1.96 -3.45	40.71 1.91 0.00
NYPA_VERNON____GT3 24163	40.41 1.39 0.00	47.68 1.57 0.00	41.89 1.40 0.00	41.28 1.53 0.00	41.30 1.72 0.00	49.70 1.96 0.00	73.56 2.99 0.00	53.77 2.43 0.00	31.82 1.60 0.00	24.69 1.14 0.00	24.12 1.17 0.00	21.75 1.04 0.00	20.47 1.00 0.00	22.19 0.99 0.00	24.24 1.07 0.00	32.31 1.45 0.00	41.41 1.80 0.00	47.28 2.31 0.00	29.02 1.77 0.00	34.59 1.88 0.00	45.84 2.10 0.00	46.54 2.09 -1.73	43.32 1.96 -3.45	40.71 1.91 0.00
NYPA__ASTORIA_CC1 323568	40.33 1.31 0.00	47.60 1.48 0.00	41.81 1.32 0.00	41.21 1.46 0.00	41.22 1.64 0.00	49.60 1.86 0.00	73.43 2.86 0.00	53.67 2.33 0.00	31.76 1.54 0.00	24.64 1.10 0.00	24.08 1.13 0.00	21.71 1.00 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.20 1.02 0.00	32.25 1.38 0.00	41.36 1.74 0.00	47.22 2.26 0.00	28.97 1.72 0.00	34.53 1.82 0.00	45.76 2.03 0.00	44.73 2.01 0.00	39.79 1.89 0.00	40.64 1.84 0.00
NYPA__ASTORIA_CC2 323569	40.33 1.31 0.00	47.60 1.48 0.00	41.81 1.32 0.00	41.21 1.46 0.00	41.22 1.64 0.00	49.60 1.86 0.00	73.43 2.86 0.00	53.67 2.33 0.00	31.76 1.54 0.00	24.64 1.10 0.00	24.08 1.13 0.00	21.71 1.00 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.20 1.02 0.00	32.25 1.38 0.00	41.36 1.74 0.00	47.22 2.26 0.00	28.97 1.72 0.00	34.53 1.82 0.00	45.76 2.03 0.00	44.73 2.01 0.00	39.79 1.89 0.00	40.64 1.84 0.00
NYPA__HOLTSVILL 23794	41.11 2.09 0.00	48.81 2.69 0.00	42.83 2.34 0.00	42.22 2.46 0.00	42.22 2.64 0.00	50.87 3.13 0.00	74.97 4.40 0.00	58.58 3.44 -3.80	32.19 1.97 0.00	24.93 1.39 0.00	24.41 1.46 0.00	22.05 1.33 0.00	20.70 1.22 0.00	22.45 1.25 0.00	25.72 1.56 -0.99	46.21 2.14 -13.21	107.36 2.83 -64.92	51.35 3.47 -2.91	53.01 2.42 -23.34	36.38 2.74 -0.93	46.90 3.16 0.00	45.62 2.91 0.00	44.11 2.89 -3.31	41.65 2.84 0.00
NYPA__HELLGATE_GT1 24158	40.29 1.27 0.00	47.55 1.43 0.00	41.75 1.26 0.00	41.19 1.44 0.00	41.15 1.57 0.00	49.49 1.74 0.00	73.35 2.79 0.00	53.63 2.30 0.00	31.71 1.49 0.00	24.59 1.06 0.00	24.07 1.12 0.00	21.67 0.96 0.00	20.39 0.91 0.00	22.09 0.89 0.00	24.14 0.97 0.00	32.19 1.33 0.00	41.30 1.68 0.00	47.18 2.21 0.00	28.97 1.72 0.00	34.51 1.80 0.00	45.74 2.00 0.00	44.71 1.99 0.00	39.81 1.91 0.00	40.72 1.92 0.00
NYPA__HELLGATE_GT2 24159	40.29 1.27 0.00	47.55 1.43 0.00	41.75 1.26 0.00	41.19 1.44 0.00	41.15 1.57 0.00	49.49 1.74 0.00	73.35 2.79 0.00	53.63 2.30 0.00	31.71 1.49 0.00	24.59 1.06 0.00	24.07 1.12 0.00	21.67 0.96 0.00	20.39 0.91 0.00	22.09 0.89 0.00	24.14 0.97 0.00	32.19 1.33 0.00	41.30 1.68 0.00	47.18 2.21 0.00	28.97 1.72 0.00	34.51 1.80 0.00	45.74 2.00 0.00	44.71 1.99 0.00	39.81 1.91 0.00	40.72 1.92 0.00
NYS_BARGE__HYD 23848	35.59 -3.44 0.00	42.27 -3.85 0.00	36.91 -3.58 0.00	36.21 -3.54 0.00	36.12 -3.46 0.00	26.45 -3.11 18.18	36.52 -5.07 28.98	46.06 -5.27 0.00	25.10 -2.95 2.16	21.17 -2.18 0.20	20.78 -2.07 0.09	18.95 -1.68 0.09	17.85 -1.55 0.09	19.48 -1.57 0.15	21.35 -1.82 0.00	28.16 -2.70 0.00	35.50 -4.12 0.00	40.30 -4.67 0.00	23.63 -2.73 0.88	29.22 -3.49 0.00	37.87 -4.97 0.90	37.45 -4.78 0.50	30.93 -4.07 2.90	32.43 -3.50 2.87
OAK ORCHARD__HYD 24046	37.13 -1.90 0.00	44.00 -2.12 0.00	38.43 -2.06 0.00	37.69 -2.05 0.00	37.56 -2.02 0.00	36.40 -2.05 9.30	52.55 -3.20 14.82	48.36 -2.98 0.00	27.46 -1.66 1.11	22.19 -1.25 0.10	21.69 -1.20 0.05	19.71 -0.96 0.05	18.55 -0.88 0.04	20.22 -0.91 0.08	22.11 -1.06 0.00	29.30 -1.56 0.00	37.36 -2.26 0.00	42.53 -2.44 0.00	25.41 -1.39 0.45	30.90 -1.81 0.00	40.59 -2.69 0.46	39.85 -2.62 0.25	34.07 -2.35 1.49	35.20 -2.13 1.47
OAKDALE__35_KV_LOAD 356122	38.61 -0.41 0.00	45.66 -0.46 0.00	39.97 -0.52 0.00	39.25 -0.50 0.00	39.16 -0.42 0.00	47.26 -0.48 0.00	69.91 -0.65 0.00	50.89 -0.44 0.00	29.97 -0.25 0.00	23.30 -0.24 0.00	22.69 -0.26 0.00	20.50 -0.22 0.00	19.25 -0.23 0.00	20.94 -0.27 0.00	22.87 -0.30 0.00	30.46 -0.40 0.00	39.17 -0.45 0.00	44.68 -0.28 0.00	27.21 -0.04 0.00	32.62 -0.10 0.00	43.28 -0.46 0.00	42.23 -0.50 0.00	37.55 -0.35 0.00	38.44 -0.36 0.00
OCC_CHEM__DRP 24175	34.98 -4.04 0.00	41.58 -4.54 0.00	36.31 -4.17 0.00	35.64 -4.11 0.00	35.54 -4.04 0.00	43.75 -4.00 0.00	64.44 -6.13 0.00	45.23 -6.11 0.00	26.77 -3.45 0.00	20.90 -2.64 0.00	20.43 -2.51 0.00	18.65 -2.07 0.00	17.58 -1.90 0.00	19.28 -1.93 0.00	20.97 -2.21 0.00	27.63 -3.24 0.00	34.71 -4.90 0.00	39.29 -5.67 0.00	23.93 -3.32 0.00	28.47 -4.25 0.00	37.85 -5.89 0.00	37.04 -5.68 0.00	33.18 -4.72 0.00	34.66 -4.14 0.00

OH_GEN_PROXY 24063	35.34 -3.68 0.00	42.01 -4.11 0.00	36.65 -3.84 0.00	35.99 -3.76 0.00	35.89 -3.69 0.00	23.46 -3.74 20.55	31.88 -5.93 32.75	45.78 -5.55 0.00	24.34 -3.12 2.77	21.03 -2.28 0.22	20.69 -2.16 0.10	18.85 -1.77 0.10	17.76 -1.62 0.10	19.39 -1.64 0.17	21.30 -1.87 0.00	51.77 -2.78 -23.69	35.36 -4.25 0.00	40.03 -4.93 0.00	18.53 -2.94 5.78	29.00 -3.71 0.00	41.83 -5.23 -3.32	37.15 -5.01 0.56	30.30 -4.32 3.28	31.69 -3.87 3.24
OLIN_CORP_DRP 24177	35.02 -4.01 0.00	41.59 -4.53 0.00	36.34 -4.14 0.00	35.65 -4.10 0.00	35.57 -4.01 0.00	43.95 -3.80 0.00	64.71 -5.86 0.00	45.30 -6.04 0.00	26.78 -3.44 0.00	21.03 -2.52 0.00	20.55 -2.39 0.00	18.75 -1.97 0.00	17.67 -1.81 0.00	19.35 -1.85 0.00	21.06 -2.11 0.00	27.77 -3.09 0.00	34.92 -4.69 0.00	39.57 -5.39 0.00	24.04 -3.21 0.00	28.68 -4.03 0.00	38.04 -5.69 0.00	37.27 -5.45 0.00	33.22 -4.69 0.00	34.79 -4.02 0.00
OLIN_CORP_DSASP 323712	34.98 -4.04 0.00	41.58 -4.54 0.00	36.31 -4.18 0.00	35.64 -4.11 0.00	35.54 -4.04 0.00	23.76 -3.90 20.08	32.31 -6.26 32.00	45.22 -6.11 0.00	24.40 -3.43 2.39	20.68 -2.65 0.22	20.34 -2.51 0.10	18.55 -2.07 0.10	17.49 -1.90 0.09	19.11 -1.92 0.17	20.97 -2.21 0.00	27.63 -3.24 0.00	34.71 -4.91 0.00	39.30 -5.67 0.00	22.97 -3.31 0.97	28.47 -4.25 0.00	36.87 -5.88 0.99	36.49 -5.69 0.55	30.01 -4.69 3.21	31.45 -4.19 3.17
ONEIDA_HERK_LFGE 323681	39.68 0.66 0.00	46.89 0.77 0.00	41.14 0.65 0.00	40.38 0.64 0.00	40.21 0.63 0.00	48.57 0.83 0.00	71.86 1.30 0.00	52.35 1.02 0.00	30.78 0.56 0.00	23.89 0.35 0.00	23.22 0.27 0.00	20.95 0.23 0.00	19.67 0.19 0.00	21.44 0.24 0.00	23.41 0.24 0.00	31.26 0.39 0.00	40.37 0.76 0.00	46.12 1.15 0.00	27.99 0.74 0.00	33.52 0.81 0.00	44.70 0.96 0.00	43.56 0.84 0.00	38.61 0.71 0.00	39.47 0.66 0.00
ONEIDA___115KV_TB4 55905	39.72 0.70 0.00	46.93 0.81 0.00	41.13 0.65 0.00	40.36 0.62 0.00	40.21 0.63 0.00	48.60 0.85 0.00	71.95 1.39 0.00	52.39 1.05 0.00	30.81 0.59 0.00	23.88 0.34 0.00	23.23 0.28 0.00	20.95 0.23 0.00	19.67 0.19 0.00	21.42 0.22 0.00	23.38 0.21 0.00	31.18 0.32 0.00	40.28 0.66 0.00	46.13 1.17 0.00	28.06 0.81 0.00	33.61 0.90 0.00	44.75 1.01 0.00	43.60 0.88 0.00	38.63 0.73 0.00	39.49 0.69 0.00
ONONDAGA_REF_OCCRA 23987	38.42 -0.60 0.00	45.39 -0.72 0.00	39.75 -0.74 0.00	38.96 -0.79 0.00	38.82 -0.75 0.00	46.89 -0.85 0.00	69.37 -1.20 0.00	50.42 -0.92 0.00	29.72 -0.50 0.00	23.12 -0.42 0.00	22.51 -0.44 0.00	20.36 -0.36 0.00	19.14 -0.34 0.00	20.82 -0.38 0.00	22.72 -0.45 0.00	30.25 -0.62 0.00	38.89 -0.73 0.00	44.35 -0.61 0.00	26.99 -0.26 0.00	32.33 -0.38 0.00	43.01 -0.73 0.00	41.95 -0.77 0.00	37.20 -0.70 0.00	38.07 -0.73 0.00
ONONDAGA___COGEN 23986	38.42 -0.60 0.00	45.39 -0.73 0.00	39.73 -0.76 0.00	38.95 -0.80 0.00	38.80 -0.77 0.00	46.88 -0.87 0.00	69.30 -1.27 0.00	50.39 -0.95 0.00	29.68 -0.54 0.00	23.10 -0.44 0.00	22.51 -0.44 0.00	20.36 -0.36 0.00	19.14 -0.34 0.00	20.82 -0.38 0.00	22.72 -0.45 0.00	30.26 -0.61 0.00	38.87 -0.75 0.00	44.31 -0.66 0.00	26.96 -0.29 0.00	32.27 -0.44 0.00	42.93 -0.80 0.00	41.93 -0.79 0.00	37.18 -0.73 0.00	38.04 -0.76 0.00
ONTARIO___LFGE 23819	38.48 -0.54 0.00	45.52 -0.60 0.00	39.79 -0.70 0.00	39.06 -0.69 0.00	38.98 -0.60 0.00	47.12 -0.62 0.00	69.72 -0.85 0.00	50.70 -0.63 0.00	29.84 -0.38 0.00	23.15 -0.39 0.00	22.46 -0.49 0.00	20.29 -0.43 0.00	19.04 -0.44 0.00	20.72 -0.49 0.00	22.61 -0.56 0.00	30.12 -0.74 0.00	38.80 -0.81 0.00	44.50 -0.46 0.00	27.18 -0.07 0.00	32.47 -0.24 0.00	43.04 -0.70 0.00	41.96 -0.76 0.00	37.25 -0.66 0.00	38.17 -0.64 0.00
ORANGEVILLE_WT_PWR 323706	35.95 -3.07 0.00	42.68 -3.44 0.00	37.30 -3.19 0.00	36.55 -3.20 0.00	36.54 -3.04 0.00	22.96 -2.86 21.91	30.94 -4.69 34.93	46.67 -4.67 0.00	25.02 -2.60 2.61	21.39 -1.91 0.24	21.03 -1.80 0.11	19.15 -1.46 0.11	18.03 -1.34 0.10	19.66 -1.36 0.18	21.61 -1.56 0.00	28.53 -2.33 0.00	36.00 -3.62 0.00	40.80 -4.17 0.00	23.72 -2.46 1.06	29.54 -3.17 0.00	38.17 -4.49 1.08	37.84 -4.28 0.60	30.73 -3.68 3.50	32.12 -3.22 3.46
ORANGEVILLE___ESR 323794	35.95 -3.07 0.00	42.68 -3.44 0.00	37.30 -3.19 0.00	36.55 -3.20 0.00	36.54 -3.04 0.00	22.96 -2.86 21.91	30.94 -4.69 34.93	46.67 -4.67 0.00	25.02 -2.60 2.61	21.39 -1.91 0.24	21.03 -1.80 0.11	19.15 -1.46 0.11	18.03 -1.34 0.10	19.66 -1.36 0.18	21.61 -1.56 0.00	28.53 -2.33 0.00	36.00 -3.62 0.00	40.80 -4.17 0.00	23.72 -2.46 1.06	29.54 -3.17 0.00	38.17 -4.49 1.08	37.84 -4.28 0.60	30.73 -3.68 3.50	32.12 -3.22 3.46
OSWEGATCHIE___HYD 24044	39.17 0.14 0.00	46.32 0.20 0.00	40.86 0.37 0.00	40.09 0.35 0.00	39.84 0.26 0.00	47.95 0.21 0.00	70.52 0.05 0.00	51.38 0.05 0.00	30.15 -0.07 0.00	23.54 0.00 0.00	22.88 -0.06 0.00	20.64 -0.08 0.00	19.40 -0.07 0.00	21.17 -0.03 0.00	23.16 -0.01 0.00	30.94 0.07 0.00	39.76 0.14 0.00	45.17 0.21 0.00	27.21 -0.05 0.00	32.67 -0.04 0.00	43.79 0.05 0.00	42.72 0.00 0.00	37.92 0.02 0.00	38.92 0.12 0.00
OSWEGO___5 23606	37.79 -1.23 0.00	44.66 -1.46 0.00	39.12 -1.37 0.00	38.34 -1.41 0.00	38.19 -1.39 0.00	46.11 -1.64 0.00	68.13 -2.44 0.00	49.50 -1.83 0.00	29.17 -1.05 0.00	22.72 -0.82 0.00	22.14 -0.80 0.00	20.03 -0.68 0.00	18.84 -0.63 0.00	20.50 -0.70 0.00	22.37 -0.81 0.00	29.75 -1.12 0.00	38.18 -1.43 0.00	43.47 -1.50 0.00	26.42 -0.83 0.00	31.66 -1.06 0.00	42.17 -1.56 0.00	41.16 -1.56 0.00	36.53 -1.38 0.00	37.39 -1.41 0.00
OSWEGO___6 23613	37.79 -1.23 0.00	44.66 -1.46 0.00	39.12 -1.37 0.00	38.34 -1.41 0.00	38.19 -1.39 0.00	46.11 -1.64 0.00	68.13 -2.44 0.00	49.50 -1.83 0.00	29.17 -1.05 0.00	22.72 -0.82 0.00	22.14 -0.80 0.00	20.03 -0.68 0.00	18.84 -0.63 0.00	20.50 -0.70 0.00	22.37 -0.81 0.00	29.75 -1.12 0.00	38.18 -1.43 0.00	43.47 -1.50 0.00	26.42 -0.83 0.00	31.66 -1.06 0.00	42.17 -1.56 0.00	41.16 -1.56 0.00	36.53 -1.38 0.00	37.39 -1.41 0.00
OUTOKUMPU-AB___DRP 24206	35.86 -3.16 0.00	42.59 -3.53 0.00	37.18 -3.31 0.00	36.48 -3.27 0.00	36.41 -3.17 0.00	44.77 -2.97 0.00	66.01 -4.55 0.00	46.44 -4.90 0.00	27.48 -2.74 0.00	21.51 -2.03 0.00	21.02 -1.93 0.00	19.16 -1.56 0.00	18.05 -1.43 0.00	19.76 -1.44 0.00	21.50 -1.67 0.00	28.36 -2.50 0.00	35.74 -3.88 0.00	40.55 -4.42 0.00	24.68 -2.57 0.00	29.40 -3.32 0.00	39.03 -4.70 0.00	38.19 -4.53 0.00	34.08 -3.82 0.00	35.56 -3.24 0.00
OXBOW___BTM 323836	35.44 -3.58 0.00	42.09 -4.03 0.00	36.76 -3.73 0.00	36.08 -3.67 0.00	35.98 -3.60 0.00	24.13 -3.37 20.25	32.85 -5.44 32.28	45.86 -5.48 0.00	24.75 -3.06 2.41	21.00 -2.32 0.22	20.64 -2.20 0.10	18.82 -1.80 0.10	17.72 -1.66 0.10	19.36 -1.67 0.17	21.24 -1.93 0.00	28.01 -2.86 0.00	35.25 -4.36 0.00	39.95 -5.01 0.00	23.36 -2.90 0.98	28.95 -3.76 0.00	37.49 -5.25 1.00	37.09 -5.08 0.55	30.46 -4.21 3.23	31.90 -3.70 3.19

OXBOW____ 24026	35.44 -3.58 0.00	42.10 -4.02 0.00	36.76 -3.73 0.00	36.08 -3.68 0.00	35.98 -3.60 0.00	44.28 -3.46 0.00	65.26 -5.31 0.00	45.86 -5.48 0.00	27.14 -3.08 0.00	21.22 -2.32 0.00	20.74 -2.21 0.00	18.92 -1.80 0.00	17.82 -1.66 0.00	19.53 -1.67 0.00	21.24 -1.93 0.00	28.01 -2.85 0.00	35.25 -4.37 0.00	39.96 -5.01 0.00	24.33 -2.92 0.00	28.95 -3.76 0.00	38.48 -5.26 0.00	37.65 -5.07 0.00	33.65 -4.25 0.00	35.13 -3.67 0.00
OXY_CHEM_DSASP 323612	34.98 -4.04 0.00	41.58 -4.54 0.00	36.31 -4.17 0.00	35.64 -4.11 0.00	35.54 -4.04 0.00	43.75 -4.00 0.00	64.44 -6.13 0.00	45.23 -6.11 0.00	26.77 -3.45 0.00	20.90 -2.64 0.00	20.43 -2.51 0.00	18.65 -2.07 0.00	17.58 -1.90 0.00	19.28 -1.93 0.00	20.97 -2.21 0.00	27.63 -3.24 0.00	34.71 -4.90 0.00	39.29 -5.67 0.00	23.93 -3.32 0.00	28.47 -4.25 0.00	37.85 -5.89 0.00	37.04 -5.68 0.00	33.18 -4.72 0.00	34.66 -4.14 0.00
OZONE_PARK_ESR 323760	40.72 1.70 0.00	48.02 1.90 0.00	42.11 1.62 0.00	41.50 1.74 0.00	41.52 1.95 0.00	49.98 2.24 0.00	73.89 3.33 0.00	54.01 2.68 0.00	32.01 1.80 0.00	24.83 1.29 0.00	24.25 1.31 0.00	21.90 1.19 0.00	20.59 1.12 0.00	22.32 1.12 0.00	24.40 1.22 0.00	32.58 1.71 0.00	41.77 2.16 0.00	47.69 2.73 0.00	29.29 2.04 0.00	34.92 2.21 0.00	46.24 2.50 0.00	45.19 2.47 0.00	40.20 2.30 0.00	41.01 2.21 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.98 -4.04 0.00	41.58 -4.54 0.00	36.31 -4.17 0.00	35.64 -4.11 0.00	35.54 -4.04 0.00	43.75 -4.00 0.00	64.44 -6.13 0.00	45.23 -6.11 0.00	26.77 -3.45 0.00	20.90 -2.64 0.00	20.43 -2.51 0.00	18.65 -2.07 0.00	17.58 -1.90 0.00	19.28 -1.93 0.00	20.97 -2.21 0.00	27.63 -3.24 0.00	34.71 -4.90 0.00	39.29 -5.67 0.00	23.93 -3.32 0.00	28.47 -4.25 0.00	37.85 -5.89 0.00	37.04 -5.68 0.00	33.18 -4.72 0.00	34.66 -4.14 0.00
PACKARD__115KV_DUPONT_184 80571	34.98 -4.04 0.00	41.58 -4.54 0.00	36.31 -4.17 0.00	35.64 -4.11 0.00	35.54 -4.04 0.00	43.75 -4.00 0.00	64.44 -6.13 0.00	45.23 -6.11 0.00	26.77 -3.45 0.00	20.90 -2.64 0.00	20.43 -2.51 0.00	18.65 -2.07 0.00	17.58 -1.90 0.00	19.28 -1.93 0.00	20.97 -2.21 0.00	27.63 -3.24 0.00	34.71 -4.90 0.00	39.29 -5.67 0.00	23.93 -3.32 0.00	28.47 -4.25 0.00	37.85 -5.89 0.00	37.04 -5.68 0.00	33.18 -4.72 0.00	34.66 -4.14 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.27 1.25 0.00	47.55 1.43 0.00	41.82 1.33 0.00	41.22 1.47 0.00	41.19 1.61 0.00	49.57 1.83 0.00	73.39 2.82 0.00	53.66 2.32 0.00	31.76 1.53 0.00	24.64 1.10 0.00	24.09 1.14 0.00	21.66 0.94 0.00	20.36 0.88 0.00	22.06 0.86 0.00	24.11 0.94 0.00	32.16 1.29 0.00	41.28 1.67 0.00	47.16 2.19 0.00	28.95 1.70 0.00	34.49 1.78 0.00	45.70 1.96 0.00	44.67 1.95 0.00	39.77 1.87 0.00	40.63 1.83 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.45 1.43 0.00	47.78 1.66 0.00	42.03 1.55 0.00	41.43 1.68 0.00	41.40 1.82 0.00	50.04 2.30 0.00	74.11 3.55 0.00	54.08 2.75 0.00	32.00 1.78 0.00	24.85 1.31 0.00	24.26 1.31 0.00	21.79 1.08 0.00	20.45 0.97 0.00	22.15 0.95 0.00	24.20 1.03 0.00	32.31 1.45 0.00	41.47 1.85 0.00	47.41 2.45 0.00	29.10 1.85 0.00	34.66 1.95 0.00	45.94 2.20 0.00	44.89 2.17 0.00	39.96 2.05 0.00	40.85 2.05 0.00
PATROON__115KV_TB1 80586	39.46 0.44 0.00	46.58 0.47 0.00	40.91 0.43 0.00	40.25 0.51 0.00	40.13 0.55 0.00	48.40 0.66 0.00	71.52 0.96 0.00	52.03 0.69 0.00	30.63 0.41 0.00	23.83 0.29 0.00	23.28 0.33 0.00	20.93 0.22 0.00	19.70 0.21 0.00	21.45 0.25 0.00	23.47 0.29 0.00	31.26 0.40 0.00	40.28 0.66 0.00	45.90 0.93 0.00	28.01 0.76 0.00	33.45 0.74 0.00	44.51 0.77 0.00	43.51 0.79 0.00	38.60 0.70 0.00	39.43 0.63 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.62 -2.40 0.00	43.47 -2.65 0.00	37.88 -2.61 0.00	37.16 -2.59 0.00	37.08 -2.49 0.00	45.45 -2.29 0.00	67.02 -3.55 0.00	47.45 -3.88 0.00	28.14 -2.08 0.00	22.05 -1.49 0.00	21.52 -1.42 0.00	19.58 -1.13 0.00	18.46 -1.02 0.00	20.14 -1.06 0.00	21.94 -1.23 0.00	28.96 -1.90 0.00	36.64 -2.98 0.00	41.59 -3.37 0.00	25.31 -1.94 0.00	30.22 -2.50 0.00	40.08 -3.65 0.00	39.20 -3.52 0.00	34.94 -2.97 0.00	36.34 -2.46 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.72 1.70 0.00	48.05 1.93 0.00	42.12 1.63 0.00	41.49 1.74 0.00	41.46 1.88 0.00	50.00 2.25 0.00	73.93 3.37 0.00	53.97 2.64 0.00	31.89 1.66 0.00	24.73 1.19 0.00	24.10 1.15 0.00	21.71 0.99 0.00	20.40 0.92 0.00	22.13 0.93 0.00	24.25 1.07 0.00	32.41 1.54 0.00	41.66 2.05 0.00	47.66 2.69 0.00	29.18 1.93 0.00	34.84 2.13 0.00	46.17 2.43 0.00	45.05 2.33 0.00	40.05 2.15 0.00	40.85 2.05 0.00
PEEKSKILL____ 23653	40.27 1.25 0.00	47.53 1.42 0.00	41.65 1.16 0.00	41.02 1.28 0.00	41.01 1.43 0.00	49.42 1.67 0.00	73.10 2.53 0.00	53.35 2.02 0.00	31.54 1.32 0.00	24.46 0.92 0.00	23.85 0.91 0.00	21.52 0.80 0.00	20.24 0.76 0.00	21.95 0.75 0.00	24.03 0.85 0.00	32.09 1.23 0.00	41.20 1.58 0.00	47.08 2.11 0.00	28.84 1.59 0.00	34.42 1.71 0.00	45.64 1.90 0.00	44.56 1.85 0.00	39.63 1.73 0.00	40.46 1.66 0.00
PGE MADISON__WINDPWR 24146	41.89 2.87 0.00	49.58 3.46 0.00	43.36 2.87 0.00	42.57 2.82 0.00	42.43 2.85 0.00	57.28 3.83 -5.70	85.50 5.84 -9.09	55.75 4.42 0.00	33.43 2.53 -0.68	25.35 1.74 -0.06	24.49 1.51 -0.03	22.11 1.36 -0.03	20.70 1.19 -0.03	22.49 1.24 -0.05	24.49 1.31 0.00	32.80 1.93 0.00	42.65 3.04 0.00	49.02 4.06 0.00	30.10 2.57 -0.28	35.51 2.80 0.00	47.38 3.37 -0.28	46.14 3.26 -0.16	41.68 2.86 -0.91	42.59 2.89 -0.90
PIERCEFIELD__HYD 23852	39.51 0.49 0.00	46.77 0.66 0.00	41.42 0.94 0.00	40.65 0.91 0.00	40.37 0.79 0.00	48.44 0.70 0.00	70.91 0.35 0.00	51.65 0.31 0.00	30.31 0.09 0.00	23.82 0.28 0.00	23.21 0.27 0.00	20.94 0.23 0.00	19.67 0.19 0.00	21.46 0.26 0.00	23.50 0.33 0.00	31.33 0.47 0.00	39.99 0.38 0.00	45.13 0.16 0.00	27.04 -0.22 0.00	32.58 -0.13 0.00	43.86 0.13 0.00	42.88 0.16 0.00	38.14 0.23 0.00	39.26 0.46 0.00
PINELAWN_CC_1 323563	41.12 2.10 0.00	48.70 2.59 0.00	42.72 2.24 0.00	42.08 2.33 0.00	42.06 2.49 0.00	50.63 2.89 0.00	74.63 4.07 0.00	58.31 3.18 -3.80	32.19 1.96 0.00	24.91 1.37 0.00	24.32 1.38 0.00	21.94 1.22 0.00	20.61 1.13 0.00	22.36 1.16 0.00	25.61 1.45 -0.99	46.10 2.02 -13.21	107.20 2.67 -64.92	51.23 3.36 -2.91	52.98 2.39 -23.34	36.32 2.68 -0.93	46.86 3.12 0.00	45.66 2.94 0.00	44.02 2.81 -3.31	41.52 2.72 0.00
PJM_GEN_HTP_PROXY 323702	40.30 1.28 0.00	47.53 1.41 0.00	41.69 1.21 0.00	41.09 1.34 0.00	41.11 1.53 0.00	49.49 1.74 0.00	73.19 2.62 0.00	53.49 2.15 0.00	31.68 1.46 0.00	24.57 1.02 0.00	24.03 1.05 -0.03	21.58 0.94 0.09	20.38 0.90 0.00	22.09 0.88 0.00	24.62 0.97 -0.48	32.22 1.36 0.00	41.31 1.70 0.00	52.34 2.20 -5.18	22.75 1.70 6.20	30.55 1.81 3.97	49.06 1.97 -3.35	44.67 1.95 0.00	39.76 1.85 0.00	40.58 1.78 0.00

PJM_GEN_KEystone 24065	38.25 -0.77 0.00	45.28 -0.84 0.00	39.58 -0.92 0.00	38.95 -0.80 0.00	38.88 -0.67 0.02	27.19 -0.66 19.89	37.77 -1.09 31.70	50.30 -1.03 0.00	27.42 -0.44 2.37	22.97 -0.36 0.21	22.57 -0.30 0.07	20.30 -0.23 0.19	19.16 -0.22 0.09	20.77 -0.27 0.16	23.35 -0.30 -0.48	30.39 -0.48 0.00	38.79 -0.82 0.00	49.33 -0.77 -5.13	19.83 -0.25 7.17	28.05 -0.48 4.18	45.12 -0.99 -2.37	41.22 -0.96 0.54	33.90 -0.69 3.31	34.48 -0.57 3.75
PJM_GEN_NEPTUNE_PROXY 323594	40.66 1.63 0.00	48.08 1.97 0.00	42.18 1.69 0.00	41.57 1.82 0.00	41.54 1.96 0.00	50.00 2.26 0.00	73.70 3.14 0.00	57.60 2.46 -3.80	31.84 1.62 0.00	24.67 1.13 0.00	24.12 1.15 -0.03	21.65 1.02 0.09	20.45 0.97 0.00	22.17 0.97 0.00	25.84 1.19 -1.47	45.72 1.65 -13.21	106.64 2.11 -64.92	55.67 2.63 -8.08	46.35 1.96 -17.14	31.81 2.15 3.04	49.53 2.44 -3.35	45.06 2.34 0.00	43.47 2.25 -3.31	40.97 2.17 0.00
PJM_GEN_VFT_PROXY 323633	40.12 1.10 0.00	47.32 1.20 0.00	41.46 0.98 0.01	40.88 1.14 0.00	40.62 1.33 0.29	49.22 1.48 0.00	72.83 2.27 0.00	53.24 1.90 0.00	31.54 1.32 0.00	24.46 0.92 0.00	23.92 0.94 -0.03	21.50 0.87 0.09	20.30 0.82 0.00	21.99 0.79 0.00	24.51 0.85 -0.48	32.08 1.21 0.00	41.11 1.50 0.01	51.52 1.97 -4.59	22.54 1.56 6.27	27.31 1.64 7.04	48.83 1.74 -3.35	44.46 1.74 0.00	37.62 1.66 1.95	32.45 1.59 7.94
PLATSBRG_115KV_PMLD1 355749	41.61 2.59 0.00	49.04 2.93 0.00	43.33 2.84 0.00	42.60 2.85 0.00	42.28 2.70 0.00	50.37 2.63 0.00	73.85 3.29 0.00	53.90 2.57 0.00	31.65 1.43 0.00	24.89 1.35 0.00	24.12 1.18 0.00	21.67 0.95 0.00	20.37 0.89 0.00	22.38 1.18 0.00	24.51 1.33 0.00	32.77 1.90 0.00	41.76 2.14 0.00	47.45 2.48 0.00	28.52 1.27 0.00	34.30 1.58 0.00	45.90 2.16 0.00	44.87 2.15 0.00	39.77 1.86 0.00	41.11 2.31 0.00
PLEASANTVLY___LBMP 24000	40.14 1.12 0.00	47.39 1.27 0.00	41.56 1.07 0.00	40.93 1.19 0.00	40.88 1.30 0.00	49.28 1.54 0.00	72.84 2.27 0.00	53.15 1.82 0.00	31.38 1.16 0.00	24.36 0.82 0.00	23.74 0.80 0.00	21.39 0.67 0.00	20.10 0.62 0.00	21.82 0.62 0.00	23.90 0.73 0.00	31.93 1.07 0.00	41.00 1.38 0.00	46.84 1.87 0.00	28.67 1.42 0.00	34.22 1.51 0.00	45.38 1.64 0.00	44.32 1.60 0.00	39.44 1.54 0.00	40.26 1.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.32 1.30 0.00	47.59 1.47 0.00	41.72 1.23 0.00	41.11 1.36 0.00	41.11 1.53 0.00	49.52 1.78 0.00	73.17 2.61 0.00	53.43 2.10 0.00	31.58 1.36 0.00	24.50 0.96 0.00	23.89 0.95 0.00	21.54 0.83 0.00	20.26 0.78 0.00	21.97 0.77 0.00	24.05 0.88 0.00	32.12 1.26 0.00	41.23 1.61 0.00	47.11 2.15 0.00	28.87 1.62 0.00	34.46 1.74 0.00	45.68 1.94 0.00	44.61 1.89 0.00	39.68 1.77 0.00	40.49 1.69 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.32 1.30 0.00	47.59 1.47 0.00	41.72 1.23 0.00	41.11 1.36 0.00	41.11 1.53 0.00	49.52 1.78 0.00	73.17 2.61 0.00	53.43 2.10 0.00	31.58 1.36 0.00	24.50 0.96 0.00	23.89 0.95 0.00	21.54 0.83 0.00	20.26 0.78 0.00	21.97 0.77 0.00	24.05 0.88 0.00	32.12 1.26 0.00	41.23 1.61 0.00	47.11 2.15 0.00	28.87 1.62 0.00	34.46 1.74 0.00	45.68 1.94 0.00	44.61 1.89 0.00	39.68 1.77 0.00	40.49 1.69 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.47 1.45 0.00	47.77 1.65 0.00	41.87 1.38 0.00	41.24 1.49 0.00	41.19 1.61 0.00	49.68 1.93 0.00	73.47 2.90 0.00	53.61 2.27 0.00	31.65 1.43 0.00	24.55 1.01 0.00	23.91 0.96 0.00	21.53 0.81 0.00	20.22 0.74 0.00	21.94 0.74 0.00	24.05 0.88 0.00	32.17 1.30 0.00	41.38 1.76 0.00	47.31 2.35 0.00	28.97 1.72 0.00	34.58 1.87 0.00	45.82 2.09 0.00	44.73 2.01 0.00	39.78 1.88 0.00	40.59 1.79 0.00
POLETTI_____ 23519	40.27 1.25 0.00	47.49 1.37 0.00	41.66 1.17 0.00	41.06 1.31 0.00	41.09 1.52 0.00	49.46 1.72 0.00	73.11 2.54 0.00	53.43 2.10 0.00	31.65 1.43 0.00	24.55 1.01 0.00	23.98 1.04 0.00	21.67 0.95 0.00	20.38 0.90 0.00	22.07 0.87 0.00	24.12 0.94 0.00	32.20 1.34 0.00	41.29 1.67 0.00	47.13 2.17 0.00	28.92 1.67 0.00	34.48 1.77 0.00	45.64 1.91 0.00	44.65 1.93 0.00	39.73 1.83 0.00	40.55 1.75 0.00
POMONA___ESR 323819	40.18 1.16 0.00	47.43 1.31 0.00	41.56 1.07 0.00	40.91 1.16 0.00	40.90 1.32 0.00	49.31 1.57 0.00	72.94 2.38 0.00	53.24 1.91 0.00	31.46 1.24 0.00	24.39 0.85 0.00	23.79 0.84 0.00	21.45 0.73 0.00	20.17 0.69 0.00	21.88 0.68 0.00	23.95 0.78 0.00	32.00 1.13 0.00	41.05 1.43 0.00	46.91 1.95 0.00	28.73 1.48 0.00	34.28 1.57 0.00	45.48 1.75 0.00	44.42 1.69 0.00	39.49 1.58 0.00	40.33 1.53 0.00
PORT_JEFF_3 23555	41.23 2.21 0.00	48.95 2.83 0.00	42.96 2.47 0.00	42.34 2.58 0.00	42.33 2.76 0.00	51.02 3.27 0.00	75.20 4.63 0.00	58.74 3.60 -3.80	32.28 2.06 0.00	25.00 1.46 0.00	24.48 1.53 0.00	22.10 1.39 0.00	20.75 1.27 0.00	22.51 1.31 0.00	25.79 1.63 -0.99	46.32 2.25 -13.21	107.52 2.98 -64.92	51.55 3.67 -2.91	53.13 2.53 -23.34	36.52 2.88 -0.93	47.07 3.33 0.00	45.79 3.07 0.00	44.24 3.02 -3.31	41.77 2.97 0.00
PORT_JEFF_4 23616	41.23 2.21 0.00	48.95 2.83 0.00	42.96 2.47 0.00	42.34 2.58 0.00	42.33 2.76 0.00	51.02 3.27 0.00	75.20 4.63 0.00	58.74 3.60 -3.80	32.28 2.06 0.00	25.00 1.46 0.00	24.48 1.53 0.00	22.10 1.39 0.00	20.75 1.27 0.00	22.51 1.31 0.00	25.79 1.63 -0.99	46.32 2.25 -13.21	107.52 2.98 -64.92	51.55 3.67 -2.91	53.13 2.53 -23.34	36.52 2.88 -0.93	47.07 3.33 0.00	45.79 3.07 0.00	44.24 3.02 -3.31	41.77 2.97 0.00
PORT_JEFF_IC 23713	41.23 2.21 0.00	48.96 2.84 0.00	42.97 2.48 0.00	42.34 2.59 0.00	42.34 2.77 0.00	51.04 3.30 0.00	75.23 4.66 0.00	58.77 3.63 -3.80	32.28 2.06 0.00	25.00 1.46 0.00	24.49 1.54 0.00	22.11 1.39 0.00	20.76 1.28 0.00	22.52 1.32 0.00	25.80 1.64 -0.99	46.34 2.26 -13.21	107.54 3.01 -64.92	51.57 3.70 -2.91	53.15 2.55 -23.34	36.54 2.90 -0.93	47.09 3.36 0.00	45.80 3.08 0.00	44.25 3.04 -3.31	41.79 2.99 0.00
PPL PILGRIM_ST_GT1 24216	41.41 2.39 0.00	49.09 2.97 0.00	43.08 2.59 0.00	42.44 2.69 0.00	42.43 2.85 0.00	51.10 3.35 0.00	75.29 4.72 0.00	58.80 3.66 -3.80	32.41 2.19 0.00	25.10 1.56 0.00	24.53 1.59 0.00	22.14 1.42 0.00	20.79 1.31 0.00	22.54 1.34 0.00	25.83 1.67 -0.99	46.38 2.31 -13.21	107.57 3.04 -64.92	51.59 3.72 -2.91	53.15 2.56 -23.34	36.60 2.96 -0.93	47.22 3.48 0.00	45.99 3.27 0.00	44.35 3.14 -3.31	41.85 3.04 0.00
PPL PILGRIM_ST_GT2 24217	41.41 2.39 0.00	49.09 2.97 0.00	43.08 2.59 0.00	42.44 2.69 0.00	42.43 2.85 0.00	51.10 3.35 0.00	75.29 4.72 0.00	58.80 3.66 -3.80	32.41 2.19 0.00	25.10 1.56 0.00	24.53 1.59 0.00	22.14 1.42 0.00	20.79 1.31 0.00	22.54 1.34 0.00	25.83 1.67 -0.99	46.38 2.31 -13.21	107.57 3.04 -64.92	51.59 3.72 -2.91	53.15 2.56 -23.34	36.60 2.96 -0.93	47.22 3.48 0.00	45.99 3.27 0.00	44.35 3.14 -3.31	41.85 3.04 0.00

PPL_SHRM_GT3 24213	41.04 2.01 0.00	48.95 2.83 0.00	42.97 2.48 0.00	42.38 2.63 0.00	42.42 2.84 0.00	51.24 3.50 0.00	75.53 4.97 0.00	58.98 3.84 -3.80	32.15 1.93 0.00	24.87 1.33 0.00	24.50 1.55 0.00	22.15 1.43 0.00	20.79 1.31 0.00	22.55 1.35 0.00	25.85 1.69 -0.99	46.42 2.34 -13.21	107.63 3.10 -64.92	51.52 3.65 -2.91	53.05 2.46 -23.34	36.49 2.85 -0.93	46.98 3.24 0.00	45.57 2.85 0.00	44.23 3.01 -3.31	41.84 3.04 0.00
PPL_SHRM_GT4 24214	41.04 2.01 0.00	48.95 2.83 0.00	42.97 2.48 0.00	42.38 2.63 0.00	42.42 2.84 0.00	51.24 3.50 0.00	75.53 4.97 0.00	58.98 3.84 -3.80	32.15 1.93 0.00	24.87 1.33 0.00	24.50 1.55 0.00	22.15 1.43 0.00	20.79 1.31 0.00	22.55 1.35 0.00	25.85 1.69 -0.99	46.42 2.34 -13.21	107.63 3.10 -64.92	51.52 3.65 -2.91	53.05 2.46 -23.34	36.49 2.85 -0.93	46.98 3.24 0.00	45.57 2.85 0.00	44.23 3.01 -3.31	41.84 3.04 0.00
PROJECT___ORANGE 1 24174	38.11 -0.91 0.00	45.02 -1.10 0.00	39.42 -1.07 0.00	38.64 -1.11 0.00	38.49 -1.09 0.00	46.50 -1.24 0.00	68.76 -1.81 0.00	49.95 -1.38 0.00	29.47 -0.75 0.00	22.95 -0.60 0.00	22.35 -0.60 0.00	20.23 -0.49 0.00	19.02 -0.46 0.00	20.69 -0.51 0.00	22.58 -0.60 0.00	30.03 -0.84 0.00	38.55 -1.07 0.00	43.93 -1.04 0.00	26.73 -0.52 0.00	32.01 -0.70 0.00	42.60 -1.14 0.00	41.56 -1.16 0.00	36.86 -1.05 0.00	37.73 -1.07 0.00
PROJECT___ORANGE 2 24166	38.11 -0.91 0.00	45.02 -1.10 0.00	39.42 -1.07 0.00	38.64 -1.11 0.00	38.49 -1.09 0.00	46.50 -1.24 0.00	68.76 -1.81 0.00	49.95 -1.38 0.00	29.47 -0.75 0.00	22.95 -0.60 0.00	22.35 -0.60 0.00	20.23 -0.49 0.00	19.02 -0.46 0.00	20.69 -0.51 0.00	22.58 -0.60 0.00	30.03 -0.84 0.00	38.55 -1.07 0.00	43.93 -1.04 0.00	26.73 -0.52 0.00	32.01 -0.70 0.00	42.60 -1.14 0.00	41.56 -1.16 0.00	36.86 -1.05 0.00	37.73 -1.07 0.00
PUCKETT___SOLAR 323809	39.40 0.38 0.00	46.61 0.49 0.00	40.81 0.33 0.00	40.06 0.31 0.00	39.96 0.38 0.00	54.79 0.57 -6.48	81.82 0.92 -10.33	52.08 0.74 0.00	31.36 0.37 -0.77	23.76 0.15 -0.07	23.03 0.05 -0.03	20.78 0.03 -0.03	19.50 -0.01 -0.03	21.21 -0.04 -0.05	23.12 -0.05 0.00	30.89 0.02 0.00	39.96 0.35 0.00	45.74 0.77 0.00	28.17 0.60 -0.31	33.33 0.61 0.00	44.49 0.43 -0.32	43.30 0.40 -0.18	39.35 0.41 -1.03	40.26 0.44 -1.02
PYRITES___HYD 24023	40.33 1.31 0.00	47.74 1.63 0.00	42.25 1.76 0.00	41.49 1.74 0.00	41.18 1.60 0.00	49.55 1.80 0.00	72.71 2.14 0.00	52.95 1.61 0.00	31.06 0.84 0.00	24.39 0.85 0.00	23.79 0.85 0.00	21.47 0.75 0.00	20.16 0.68 0.00	21.97 0.77 0.00	24.10 0.93 0.00	32.17 1.30 0.00	41.10 1.48 0.00	46.37 1.40 0.00	27.74 0.49 0.00	33.42 0.71 0.00	44.97 1.23 0.00	43.95 1.23 0.00	39.01 1.11 0.00	40.10 1.30 0.00
QUAKERRD_115KV_BK1 80622	36.56 -2.46 0.00	43.31 -2.80 0.00	37.86 -2.63 0.00	37.13 -2.62 0.00	37.00 -2.57 0.00	44.88 -2.87 0.00	66.35 -4.21 0.00	47.75 -3.58 0.00	28.17 -2.05 0.00	21.98 -1.56 0.00	21.43 -1.52 0.00	19.45 -1.27 0.00	18.30 -1.18 0.00	19.95 -1.25 0.00	21.76 -1.41 0.00	28.88 -1.99 0.00	36.92 -2.70 0.00	42.01 -2.96 0.00	25.53 -1.72 0.00	30.52 -2.19 0.00	40.57 -3.17 0.00	39.60 -3.12 0.00	35.10 -2.80 0.00	36.13 -2.67 0.00
QUENSBRY_115KV_TB8 356137	40.80 1.78 0.00	48.19 2.08 0.00	42.28 1.79 0.00	41.59 1.84 0.00	41.46 1.88 0.00	49.98 2.24 0.00	73.82 3.26 0.00	53.74 2.41 0.00	31.48 1.26 0.00	24.49 0.95 0.00	23.79 0.84 0.00	21.27 0.56 0.00	20.00 0.52 0.00	21.78 0.58 0.00	23.94 0.76 0.00	32.28 1.42 0.00	41.92 2.31 0.00	47.86 2.89 0.00	29.23 1.99 0.00	34.96 2.25 0.00	46.43 2.69 0.00	45.21 2.49 0.00	40.01 2.10 0.00	40.79 1.98 0.00
RAMAPO___LBMP 323565	40.03 1.01 0.00	47.27 1.15 0.00	41.41 0.92 0.00	40.78 1.03 0.00	40.77 1.19 0.00	49.16 1.41 0.00	72.66 2.10 0.00	53.06 1.73 0.00	31.36 1.14 0.00	24.31 0.77 0.00	23.70 0.75 0.00	21.37 0.65 0.00	20.09 0.61 0.00	21.79 0.60 0.00	23.86 0.69 0.00	31.86 1.00 0.00	40.87 1.25 0.00	46.72 1.76 0.00	28.61 1.36 0.00	34.13 1.42 0.00	45.31 1.57 0.00	44.24 1.52 0.00	39.33 1.43 0.00	40.17 1.37 0.00
RANKINE____ 23646	36.27 -2.76 0.00	43.06 -3.05 0.00	37.56 -2.93 0.00	36.86 -2.89 0.00	36.80 -2.78 0.00	45.08 -2.67 0.00	66.48 -4.08 0.00	47.03 -4.30 0.00	27.83 -2.39 0.00	21.82 -1.72 0.00	21.31 -1.64 0.00	19.41 -1.31 0.00	18.28 -1.20 0.00	19.99 -1.21 0.00	21.78 -1.40 0.00	28.74 -2.13 0.00	36.28 -3.34 0.00	41.16 -3.81 0.00	25.02 -2.23 0.00	29.87 -2.84 0.00	39.62 -4.12 0.00	38.77 -3.95 0.00	34.52 -3.39 0.00	35.91 -2.89 0.00
RAVENSWOOD_GT2_1 24244	40.35 1.33 0.00	47.60 1.49 0.00	41.79 1.30 0.00	41.18 1.43 0.00	41.20 1.62 0.00	49.60 1.86 0.00	73.32 2.75 0.00	53.59 2.26 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.04 1.10 0.00	21.69 0.97 0.00	20.40 0.92 0.00	22.11 0.91 0.00	24.17 1.00 0.00	32.26 1.39 0.00	41.36 1.75 0.00	47.23 2.26 0.00	28.97 1.72 0.00	34.55 1.84 0.00	45.76 2.02 0.00	44.73 2.01 0.00	39.80 1.90 0.00	40.62 1.83 0.00
RAVENSWOOD_GT2_2 24245	40.35 1.33 0.00	47.60 1.49 0.00	41.79 1.30 0.00	41.18 1.43 0.00	41.20 1.62 0.00	49.60 1.86 0.00	73.32 2.75 0.00	53.59 2.26 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.04 1.10 0.00	21.69 0.97 0.00	20.40 0.92 0.00	22.11 0.91 0.00	24.17 1.00 0.00	32.26 1.39 0.00	41.36 1.75 0.00	47.23 2.26 0.00	28.97 1.72 0.00	34.55 1.84 0.00	45.76 2.02 0.00	44.73 2.01 0.00	39.80 1.90 0.00	40.62 1.83 0.00
RAVENSWOOD_GT2_3 24246	40.37 1.35 0.00	47.63 1.51 0.00	41.80 1.31 0.00	41.20 1.45 0.00	41.22 1.64 0.00	49.62 1.88 0.00	73.34 2.77 0.00	53.62 2.28 0.00	31.76 1.54 0.00	24.63 1.09 0.00	24.06 1.11 0.00	21.70 0.99 0.00	20.41 0.93 0.00	22.13 0.93 0.00	24.19 1.01 0.00	32.28 1.41 0.00	41.38 1.77 0.00	47.25 2.29 0.00	29.00 1.75 0.00	34.57 1.86 0.00	45.79 2.06 0.00	44.75 2.03 0.00	39.83 1.92 0.00	40.66 1.86 0.00
RAVENSWOOD_GT2_4 24247	40.37 1.35 0.00	47.63 1.51 0.00	41.80 1.31 0.00	41.20 1.45 0.00	41.22 1.64 0.00	49.62 1.88 0.00	73.34 2.77 0.00	53.62 2.28 0.00	31.76 1.54 0.00	24.63 1.09 0.00	24.06 1.11 0.00	21.70 0.99 0.00	20.41 0.93 0.00	22.13 0.93 0.00	24.19 1.01 0.00	32.28 1.41 0.00	41.38 1.77 0.00	47.25 2.29 0.00	29.00 1.75 0.00	34.57 1.86 0.00	45.79 2.06 0.00	44.75 2.03 0.00	39.83 1.92 0.00	40.66 1.86 0.00
RAVENSWOOD_GT3_1 24248	40.35 1.33 0.00	47.61 1.49 0.00	41.79 1.30 0.00	41.19 1.44 0.00	41.21 1.63 0.00	49.61 1.86 0.00	73.32 2.75 0.00	53.60 2.27 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.04 1.10 0.00	21.70 0.98 0.00	20.41 0.93 0.00	22.12 0.92 0.00	24.17 1.00 0.00	32.27 1.40 0.00	41.37 1.75 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.55 1.84 0.00	45.76 2.03 0.00	44.75 2.03 0.00	39.81 1.90 0.00	40.63 1.83 0.00

RAVENSWOOD_GT3_2 24249	40.35 1.33 0.00	47.61 1.49 0.00	41.79 1.30 0.00	41.19 1.44 0.00	41.21 1.63 0.00	49.61 1.86 0.00	73.32 2.75 0.00	53.60 2.27 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.04 1.10 0.00	21.70 0.98 0.00	20.41 0.93 0.00	22.12 0.92 0.00	24.17 1.00 0.00	32.27 1.40 0.00	41.37 1.75 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.55 1.84 0.00	45.76 2.03 0.00	44.75 2.03 0.00	39.81 1.90 0.00	40.63 1.83 0.00
RAVENSWOOD_GT3_3 24250	40.40 1.38 0.00	47.67 1.56 0.00	41.84 1.35 0.00	41.24 1.49 0.00	41.26 1.68 0.00	49.66 1.92 0.00	73.41 2.84 0.00	53.67 2.33 0.00	31.79 1.57 0.00	24.66 1.11 0.00	24.08 1.14 0.00	21.73 1.01 0.00	20.44 0.96 0.00	22.15 0.95 0.00	24.21 1.04 0.00	32.31 1.45 0.00	41.43 1.81 0.00	47.30 2.34 0.00	29.03 1.78 0.00	34.61 1.90 0.00	45.84 2.10 0.00	44.80 2.08 0.00	39.87 1.96 0.00	40.70 1.90 0.00
RAVENSWOOD_GT3_4 24251	40.40 1.38 0.00	47.67 1.56 0.00	41.84 1.35 0.00	41.24 1.49 0.00	41.26 1.68 0.00	49.66 1.92 0.00	73.41 2.84 0.00	53.67 2.33 0.00	31.79 1.57 0.00	24.66 1.11 0.00	24.08 1.14 0.00	21.73 1.01 0.00	20.44 0.96 0.00	22.15 0.95 0.00	24.21 1.04 0.00	32.31 1.45 0.00	41.43 1.81 0.00	47.30 2.34 0.00	29.03 1.78 0.00	34.61 1.90 0.00	45.84 2.10 0.00	44.80 2.08 0.00	39.87 1.96 0.00	40.70 1.90 0.00
RAVENSWOOD_GT_1 23729	40.41 1.39 0.00	47.68 1.57 0.00	41.89 1.40 0.00	41.28 1.53 0.00	41.30 1.72 0.00	49.72 1.97 0.00	73.52 2.95 0.00	53.76 2.42 0.00	31.83 1.61 0.00	24.69 1.15 0.00	24.12 1.18 0.00	21.75 1.04 0.00	20.48 1.00 0.00	22.19 0.99 0.00	24.24 1.07 0.00	32.31 1.45 0.00	41.41 1.80 0.00	47.28 2.32 0.00	29.02 1.77 0.00	34.59 1.88 0.00	45.84 2.10 0.00	46.54 2.09 -1.73	43.33 1.97 -3.45	40.71 1.91 0.00
RAVENSWOOD_GT_10 24258	40.35 1.33 0.00	47.61 1.49 0.00	41.79 1.30 0.00	41.19 1.44 0.00	41.21 1.63 0.00	49.60 1.86 0.00	73.32 2.75 0.00	53.59 2.26 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.04 1.10 0.00	21.69 0.97 0.00	20.40 0.92 0.00	22.11 0.91 0.00	24.17 1.00 0.00	32.26 1.40 0.00	41.37 1.75 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.55 1.84 0.00	45.76 2.03 0.00	44.94 2.02 -0.20	40.20 1.90 -0.40	40.63 1.83 0.00
RAVENSWOOD_GT_11 24259	40.35 1.33 0.00	47.61 1.49 0.00	41.79 1.30 0.00	41.19 1.44 0.00	41.21 1.63 0.00	49.60 1.86 0.00	73.32 2.75 0.00	53.59 2.26 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.04 1.10 0.00	21.69 0.97 0.00	20.40 0.92 0.00	22.11 0.91 0.00	24.17 1.00 0.00	32.26 1.40 0.00	41.37 1.75 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.55 1.84 0.00	45.76 2.03 0.00	44.94 2.02 -0.20	40.20 1.90 -0.40	40.63 1.83 0.00
RAVENSWOOD_GT_4 24252	40.35 1.33 0.00	47.61 1.49 0.00	41.77 1.29 0.00	41.19 1.44 0.00	41.20 1.62 0.00	49.60 1.86 0.00	73.31 2.75 0.00	53.59 2.25 0.00	31.74 1.52 0.00	24.61 1.07 0.00	24.04 1.09 0.00	21.69 0.97 0.00	20.40 0.92 0.00	22.11 0.91 0.00	24.17 1.00 0.00	32.26 1.40 0.00	41.37 1.75 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.56 1.85 0.00	45.76 2.03 0.00	46.06 2.03 -1.32	42.44 1.90 -2.63	40.63 1.83 0.00
RAVENSWOOD_GT_5 24254	40.35 1.33 0.00	47.61 1.49 0.00	41.77 1.29 0.00	41.19 1.44 0.00	41.20 1.62 0.00	49.60 1.86 0.00	73.31 2.75 0.00	53.59 2.25 0.00	31.74 1.52 0.00	24.61 1.07 0.00	24.04 1.09 0.00	21.69 0.97 0.00	20.40 0.92 0.00	22.11 0.91 0.00	24.17 1.00 0.00	32.26 1.40 0.00	41.37 1.75 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.56 1.85 0.00	45.76 2.03 0.00	46.06 2.03 -1.32	42.44 1.90 -2.63	40.63 1.83 0.00
RAVENSWOOD_GT_6 24253	40.35 1.33 0.00	47.61 1.49 0.00	41.77 1.29 0.00	41.19 1.44 0.00	41.20 1.62 0.00	49.60 1.86 0.00	73.31 2.75 0.00	53.59 2.25 0.00	31.74 1.52 0.00	24.61 1.07 0.00	24.04 1.09 0.00	21.69 0.97 0.00	20.40 0.92 0.00	22.11 0.91 0.00	24.17 1.00 0.00	32.26 1.40 0.00	41.37 1.75 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.56 1.85 0.00	45.76 2.03 0.00	46.06 2.03 -1.32	42.44 1.90 -2.63	40.63 1.83 0.00
RAVENSWOOD_GT_7 24255	40.35 1.33 0.00	47.61 1.49 0.00	41.77 1.29 0.00	41.19 1.44 0.00	41.20 1.62 0.00	49.60 1.86 0.00	73.31 2.75 0.00	53.59 2.25 0.00	31.74 1.52 0.00	24.61 1.07 0.00	24.04 1.09 0.00	21.69 0.97 0.00	20.40 0.92 0.00	22.11 0.91 0.00	24.17 1.00 0.00	32.26 1.40 0.00	41.37 1.75 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.56 1.85 0.00	45.76 2.03 0.00	46.06 2.03 -1.32	42.44 1.90 -2.63	40.63 1.83 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.35 1.33 0.00	47.61 1.49 0.00	41.79 1.30 0.00	41.19 1.44 0.00	41.21 1.63 0.00	49.60 1.86 0.00	73.32 2.75 0.00	53.59 2.26 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.04 1.10 0.00	21.69 0.97 0.00	20.40 0.92 0.00	22.11 0.91 0.00	24.17 1.00 0.00	32.26 1.40 0.00	41.37 1.75 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.55 1.84 0.00	45.76 2.03 0.00	44.94 2.02 -0.20	40.20 1.90 -0.40	40.63 1.83 0.00
RAVENSWOOD_GT_9 24257	40.35 1.33 0.00	47.61 1.49 0.00	41.79 1.30 0.00	41.19 1.44 0.00	41.21 1.63 0.00	49.60 1.86 0.00	73.32 2.75 0.00	53.59 2.26 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.04 1.10 0.00	21.69 0.97 0.00	20.40 0.92 0.00	22.11 0.91 0.00	24.17 1.00 0.00	32.26 1.40 0.00	41.37 1.75 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.55 1.84 0.00	45.76 2.03 0.00	44.94 2.02 -0.20	40.20 1.90 -0.40	40.63 1.83 0.00
RAVENSWOOD___1 23533	40.36 1.34 0.00	47.62 1.51 0.00	41.84 1.35 0.00	41.22 1.47 0.00	41.23 1.65 0.00	49.62 1.87 0.00	73.44 2.88 0.00	53.69 2.35 0.00	31.78 1.55 0.00	24.65 1.11 0.00	24.08 1.14 0.00	21.73 1.01 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.20 1.03 0.00	32.27 1.41 0.00	41.38 1.76 0.00	47.24 2.28 0.00	28.98 1.73 0.00	34.55 1.84 0.00	45.78 2.04 0.00	43.05 2.03 1.70	36.41 1.90 3.40	40.64 1.84 0.00
RAVENSWOOD___2 23534	40.36 1.34 0.00	47.62 1.51 0.00	41.84 1.35 0.00	41.22 1.47 0.00	41.23 1.65 0.00	49.62 1.87 0.00	73.44 2.88 0.00	53.69 2.35 0.00	31.78 1.55 0.00	24.65 1.11 0.00	24.08 1.14 0.00	21.73 1.01 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.20 1.03 0.00	32.27 1.41 0.00	41.38 1.76 0.00	47.24 2.28 0.00	28.98 1.73 0.00	34.55 1.84 0.00	45.78 2.04 0.00	43.05 2.03 1.70	36.41 1.90 3.40	40.64 1.84 0.00
RAVENSWOOD___3 23535	40.35 1.33 0.00	47.61 1.49 0.00	41.79 1.30 0.00	41.19 1.44 0.00	41.21 1.63 0.00	49.60 1.85 0.00	73.37 2.80 0.00	53.60 2.27 0.00	31.74 1.52 0.00	24.62 1.08 0.00	24.04 1.10 0.00	21.70 0.98 0.00	20.40 0.92 0.00	22.12 0.92 0.00	24.18 1.00 0.00	32.26 1.40 0.00	41.37 1.76 0.00	47.23 2.27 0.00	28.98 1.73 0.00	34.56 1.84 0.00	45.77 2.03 0.00	44.74 2.03 0.00	39.80 1.90 0.00	40.63 1.83 0.00

RAVENSWOOD___4 23820	40.36 1.34 0.00	47.62 1.51 0.00	41.84 1.35 0.00	41.22 1.47 0.00	41.23 1.65 0.00	49.62 1.87 0.00	73.44 2.88 0.00	53.69 2.35 0.00	31.78 1.55 0.00	24.65 1.11 0.00	24.08 1.14 0.00	21.73 1.01 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.20 1.03 0.00	32.27 1.41 0.00	41.38 1.76 0.00	47.24 2.28 0.00	28.98 1.73 0.00	34.55 1.84 0.00	45.78 2.04 0.00	43.05 2.03 1.70	36.41 1.90 3.40	40.64 1.84 0.00
RCPI_TRUST___DRP 24196	40.34 1.32 0.00	47.57 1.46 0.00	41.74 1.25 0.00	41.14 1.39 0.00	41.16 1.58 0.00	49.55 1.81 0.00	73.25 2.68 0.00	53.55 2.21 0.00	31.72 1.50 0.00	24.61 1.07 0.00	24.03 1.09 0.00	21.69 0.97 0.00	20.41 0.93 0.00	22.12 0.92 0.00	24.17 1.00 0.00	32.26 1.40 0.00	41.37 1.75 0.00	47.23 2.26 0.00	29.00 1.75 0.00	34.57 1.86 0.00	45.78 2.04 0.00	44.75 2.03 0.00	39.82 1.92 0.00	40.63 1.83 0.00
RED___ROCHESTER 323720	37.33 -1.69 0.00	44.24 -1.88 0.00	38.63 -1.86 0.00	37.89 -1.86 0.00	37.75 -1.83 0.00	36.57 -1.81 9.37	52.82 -2.81 14.94	48.64 -2.70 0.00	27.62 -1.49 1.11	22.32 -1.12 0.10	21.81 -1.09 0.05	19.83 -0.84 0.05	18.66 -0.78 0.04	20.33 -0.79 0.08	22.23 -0.94 0.00	29.47 -1.40 0.00	37.61 -2.01 0.00	42.83 -2.13 0.00	25.61 -1.19 0.45	31.14 -1.57 0.00	40.90 -2.38 0.46	40.13 -2.34 0.26	34.31 -2.10 1.49	35.42 -1.90 1.48
REGAN___SOLAR 323812	42.83 3.81 0.00	50.53 4.41 0.00	44.30 3.80 0.00	43.46 3.71 0.00	43.30 3.72 0.00	52.40 4.65 0.00	77.57 7.00 0.00	56.65 5.32 0.00	33.06 2.84 0.00	24.91 1.37 0.00	23.84 0.90 0.00	21.49 0.77 0.00	20.24 0.76 0.00	21.99 0.79 0.00	24.05 0.87 0.00	32.19 1.33 0.00	42.74 3.13 0.00	50.20 5.24 0.00	30.54 3.29 0.00	36.53 3.81 0.00	48.71 4.97 0.00	47.45 4.73 0.00	41.92 4.01 0.00	42.83 4.02 0.00
RENSSELAER___COGEN 23796	39.28 0.26 0.00	46.39 0.27 0.00	40.75 0.26 0.00	40.08 0.34 0.00	39.98 0.41 0.00	48.20 0.45 0.00	71.21 0.65 0.00	51.81 0.48 0.00	30.49 0.27 0.00	23.73 0.18 0.00	23.17 0.23 0.00	20.84 0.12 0.00	19.61 0.13 0.00	21.35 0.15 0.00	23.36 0.18 0.00	31.10 0.23 0.00	40.05 0.43 0.00	45.66 0.69 0.00	27.87 0.61 0.00	33.27 0.56 0.00	44.28 0.54 0.00	43.28 0.56 0.00	38.42 0.52 0.00	39.24 0.44 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.46 3.43 0.00	50.25 4.14 0.00	44.05 3.56 0.00	43.29 3.54 0.00	43.22 3.64 0.00	51.93 4.19 0.00	76.35 5.78 0.00	55.59 4.26 0.00	32.40 2.18 0.00	25.42 1.88 0.00	24.60 1.66 0.00	21.78 1.07 0.00	20.50 1.02 0.00	22.30 1.10 0.00	24.67 1.50 0.00	33.66 2.80 0.00	43.92 4.30 0.00	50.08 5.11 0.00	30.69 3.44 0.00	36.75 4.04 0.00	48.75 5.01 0.00	47.33 4.61 0.00	41.81 3.91 0.00	42.56 3.77 0.00
REVERE_CPFR_DRP 24186	40.11 1.09 0.00	47.39 1.27 0.00	41.53 1.05 0.00	40.76 1.01 0.00	40.58 1.00 0.00	49.08 1.34 0.00	72.67 2.11 0.00	52.94 1.60 0.00	31.12 0.90 0.00	24.12 0.58 0.00	23.43 0.48 0.00	21.13 0.41 0.00	19.82 0.34 0.00	21.62 0.42 0.00	23.57 0.40 0.00	31.48 0.61 0.00	40.75 1.13 0.00	46.69 1.73 0.00	28.39 1.14 0.00	34.01 1.30 0.00	45.28 1.54 0.00	44.07 1.35 0.00	39.05 1.15 0.00	39.89 1.09 0.00
REYNOLDS_115KV_TB3 80639	39.60 0.58 0.00	46.76 0.64 0.00	41.08 0.59 0.00	40.42 0.67 0.00	40.31 0.73 0.00	48.60 0.86 0.00	71.77 1.20 0.00	52.18 0.85 0.00	30.71 0.49 0.00	23.89 0.35 0.00	23.32 0.37 0.00	20.95 0.24 0.00	19.72 0.24 0.00	21.48 0.28 0.00	23.50 0.33 0.00	31.35 0.48 0.00	40.34 0.73 0.00	45.96 0.99 0.00	28.04 0.79 0.00	33.51 0.79 0.00	44.59 0.85 0.00	43.62 0.90 0.00	38.73 0.83 0.00	39.56 0.76 0.00
RIVERBAY____ 323610	40.45 1.43 0.00	47.78 1.66 0.00	42.03 1.55 0.00	41.43 1.68 0.00	41.40 1.82 0.00	50.04 2.30 0.00	74.11 3.55 0.00	54.08 2.75 0.00	32.00 1.78 0.00	24.85 1.31 0.00	24.26 1.31 0.00	21.79 1.08 0.00	20.45 0.97 0.00	22.15 0.95 0.00	24.20 1.03 0.00	32.31 1.45 0.00	41.47 1.85 0.00	47.41 2.45 0.00	29.10 1.85 0.00	34.66 1.95 0.00	45.94 2.20 0.00	44.89 2.17 0.00	39.96 2.05 0.00	40.85 2.05 0.00
RIVERSDE_115KV_TB3 55908	39.46 0.43 0.00	46.59 0.47 0.00	40.92 0.43 0.00	40.26 0.51 0.00	40.15 0.57 0.00	48.42 0.67 0.00	71.51 0.94 0.00	52.02 0.68 0.00	30.62 0.40 0.00	23.82 0.28 0.00	23.26 0.31 0.00	20.91 0.19 0.00	19.67 0.20 0.00	21.43 0.23 0.00	23.45 0.27 0.00	31.24 0.37 0.00	40.23 0.61 0.00	45.84 0.87 0.00	27.98 0.73 0.00	33.41 0.70 0.00	44.45 0.72 0.00	43.48 0.76 0.00	38.60 0.69 0.00	39.42 0.62 0.00
ROARING___BROOK_WT_PWR 323790	39.22 0.19 0.00	46.38 0.26 0.00	40.78 0.29 0.00	40.04 0.29 0.00	39.83 0.25 0.00	48.02 0.28 0.00	70.93 0.37 0.00	51.60 0.27 0.00	30.35 0.13 0.00	23.69 0.14 0.00	23.10 0.15 0.00	20.86 0.14 0.00	19.61 0.12 0.00	21.36 0.16 0.00	23.35 0.18 0.00	31.10 0.23 0.00	39.86 0.24 0.00	45.10 0.14 0.00	27.23 -0.03 0.00	32.74 0.03 0.00	43.91 0.17 0.00	42.90 0.18 0.00	38.04 0.14 0.00	38.99 0.19 0.00
ROCHESRG_115KV_T4 355643	36.95 -2.07 0.00	43.80 -2.31 0.00	38.27 -2.22 0.00	37.54 -2.21 0.00	37.40 -2.17 0.00	45.45 -2.30 0.00	67.17 -3.40 0.00	48.14 -3.20 0.00	28.42 -1.80 0.00	22.20 -1.34 0.00	21.65 -1.29 0.00	19.68 -1.03 0.00	18.53 -0.95 0.00	20.21 -0.99 0.00	22.03 -1.14 0.00	29.19 -1.68 0.00	37.19 -2.42 0.00	42.31 -2.65 0.00	25.72 -1.53 0.00	30.75 -1.97 0.00	40.85 -2.89 0.00	39.90 -2.83 0.00	35.38 -2.52 0.00	36.51 -2.29 0.00
ROCHESTER_9_IC 23652	37.17 -1.86 0.00	44.04 -2.08 0.00	38.47 -2.02 0.00	37.73 -2.02 0.00	37.60 -1.98 0.00	45.69 -2.06 0.00	67.52 -3.04 0.00	48.41 -2.92 0.00	28.58 -1.64 0.00	22.32 -1.22 0.00	21.77 -1.18 0.00	19.78 -0.93 0.00	18.62 -0.86 0.00	20.32 -0.88 0.00	22.14 -1.03 0.00	29.34 -1.53 0.00	37.41 -2.21 0.00	42.58 -2.38 0.00	25.90 -1.35 0.00	30.95 -1.77 0.00	41.11 -2.63 0.00	40.15 -2.57 0.00	35.60 -2.31 0.00	36.72 -2.08 0.00
ROCKVIEW_13_KV_LD 356306	40.44 1.42 0.00	47.72 1.61 0.00	41.82 1.33 0.00	41.22 1.47 0.00	41.19 1.61 0.00	49.64 1.90 0.00	73.36 2.80 0.00	53.59 2.26 0.00	31.69 1.47 0.00	24.58 1.04 0.00	23.98 1.03 0.00	21.64 0.92 0.00	20.35 0.87 0.00	22.08 0.87 0.00	24.16 0.99 0.00	32.26 1.40 0.00	41.39 1.77 0.00	47.30 2.33 0.00	28.98 1.73 0.00	34.58 1.87 0.00	45.84 2.10 0.00	44.77 2.05 0.00	39.82 1.92 0.00	40.65 1.85 0.00
ROME_____115KV_TB2 80656	40.11 1.09 0.00	47.39 1.27 0.00	41.53 1.05 0.00	40.76 1.01 0.00	40.58 1.00 0.00	49.08 1.34 0.00	72.67 2.11 0.00	52.94 1.60 0.00	31.12 0.90 0.00	24.12 0.58 0.00	23.43 0.48 0.00	21.13 0.41 0.00	19.82 0.34 0.00	21.62 0.42 0.00	23.57 0.40 0.00	31.48 0.61 0.00	40.75 1.13 0.00	46.69 1.73 0.00	28.39 1.14 0.00	34.01 1.30 0.00	45.28 1.54 0.00	44.07 1.35 0.00	39.05 1.15 0.00	39.89 1.09 0.00

ROSETON___1 23587	40.08 1.06 0.00	47.31 1.19 0.00	41.49 1.00 0.00	40.85 1.10 0.00	40.80 1.22 0.00	49.18 1.44 0.00	72.75 2.19 0.00	53.06 1.72 0.00	31.33 1.11 0.00	24.32 0.78 0.00	23.70 0.75 0.00	21.36 0.64 0.00	20.08 0.60 0.00	21.79 0.59 0.00	23.86 0.69 0.00	31.87 1.00 0.00	40.92 1.31 0.00	46.75 1.79 0.00	28.61 1.36 0.00	34.16 1.45 0.00	45.31 1.58 0.00	44.25 1.53 0.00	39.36 1.45 0.00	40.18 1.38 0.00
ROSETON___2 23588	40.08 1.06 0.00	47.31 1.19 0.00	41.49 1.00 0.00	40.85 1.10 0.00	40.80 1.22 0.00	49.18 1.44 0.00	72.75 2.19 0.00	53.06 1.72 0.00	31.33 1.11 0.00	24.32 0.78 0.00	23.70 0.75 0.00	21.36 0.64 0.00	20.08 0.60 0.00	21.79 0.59 0.00	23.86 0.69 0.00	31.87 1.00 0.00	40.92 1.31 0.00	46.75 1.79 0.00	28.61 1.36 0.00	34.16 1.45 0.00	45.31 1.58 0.00	44.25 1.53 0.00	39.36 1.45 0.00	40.18 1.38 0.00
ROTTTRDAM_115KV_TB3 80664	39.93 0.91 0.00	47.14 1.03 0.00	41.39 0.91 0.00	40.70 0.96 0.00	40.56 0.98 0.00	48.93 1.19 0.00	72.32 1.75 0.00	52.63 1.30 0.00	30.97 0.75 0.00	24.05 0.51 0.00	23.41 0.46 0.00	21.07 0.36 0.00	19.82 0.34 0.00	21.56 0.36 0.00	23.60 0.43 0.00	31.55 0.68 0.00	40.66 1.04 0.00	46.37 1.41 0.00	28.24 0.99 0.00	33.81 1.09 0.00	44.99 1.25 0.00	43.94 1.22 0.00	38.98 1.08 0.00	39.84 1.03 0.00
RUSSELL___1 23602	37.33 -1.69 0.00	44.23 -1.88 0.00	38.63 -1.86 0.00	37.89 -1.86 0.00	37.75 -1.82 0.00	45.88 -1.87 0.00	67.84 -2.73 0.00	48.64 -2.69 0.00	28.72 -1.51 0.00	22.42 -1.13 0.00	21.86 -1.09 0.00	19.87 -0.84 0.00	18.70 -0.78 0.00	20.41 -0.79 0.00	22.23 -0.94 0.00	29.47 -1.40 0.00	37.60 -2.01 0.00	42.84 -2.13 0.00	26.06 -1.19 0.00	31.14 -1.58 0.00	41.36 -2.38 0.00	40.37 -2.35 0.00	35.78 -2.12 0.00	36.90 -1.90 0.00
RUSSELL___2 23532	37.33 -1.69 0.00	44.23 -1.88 0.00	38.63 -1.86 0.00	37.89 -1.86 0.00	37.75 -1.82 0.00	45.88 -1.87 0.00	67.84 -2.73 0.00	48.64 -2.69 0.00	28.72 -1.51 0.00	22.42 -1.13 0.00	21.86 -1.09 0.00	19.87 -0.84 0.00	18.70 -0.78 0.00	20.41 -0.79 0.00	22.23 -0.94 0.00	29.47 -1.40 0.00	37.60 -2.01 0.00	42.84 -2.13 0.00	26.06 -1.19 0.00	31.14 -1.58 0.00	41.36 -2.38 0.00	40.37 -2.35 0.00	35.78 -2.12 0.00	36.90 -1.90 0.00
RUSSELL___3 23549	37.33 -1.69 0.00	44.23 -1.88 0.00	38.63 -1.86 0.00	37.89 -1.86 0.00	37.75 -1.82 0.00	45.88 -1.87 0.00	67.84 -2.73 0.00	48.64 -2.69 0.00	28.72 -1.51 0.00	22.42 -1.13 0.00	21.86 -1.09 0.00	19.87 -0.84 0.00	18.70 -0.78 0.00	20.41 -0.79 0.00	22.23 -0.94 0.00	29.47 -1.40 0.00	37.60 -2.01 0.00	42.84 -2.13 0.00	26.06 -1.19 0.00	31.14 -1.58 0.00	41.36 -2.38 0.00	40.37 -2.35 0.00	35.78 -2.12 0.00	36.90 -1.90 0.00
RUSSELL___4 23556	37.33 -1.69 0.00	44.23 -1.88 0.00	38.63 -1.86 0.00	37.89 -1.86 0.00	37.75 -1.82 0.00	45.88 -1.87 0.00	67.84 -2.73 0.00	48.64 -2.69 0.00	28.72 -1.51 0.00	22.42 -1.13 0.00	21.86 -1.09 0.00	19.87 -0.84 0.00	18.70 -0.78 0.00	20.41 -0.79 0.00	22.23 -0.94 0.00	29.47 -1.40 0.00	37.60 -2.01 0.00	42.84 -2.13 0.00	26.06 -1.19 0.00	31.14 -1.58 0.00	41.36 -2.38 0.00	40.37 -2.35 0.00	35.78 -2.12 0.00	36.90 -1.90 0.00
RUSSELL___STATION 23914	37.33 -1.69 0.00	44.23 -1.88 0.00	38.63 -1.86 0.00	37.89 -1.86 0.00	37.75 -1.82 0.00	45.88 -1.87 0.00	67.84 -2.73 0.00	48.64 -2.69 0.00	28.72 -1.51 0.00	22.42 -1.13 0.00	21.86 -1.09 0.00	19.87 -0.84 0.00	18.70 -0.78 0.00	20.41 -0.79 0.00	22.23 -0.94 0.00	29.47 -1.40 0.00	37.60 -2.01 0.00	42.84 -2.13 0.00	26.06 -1.19 0.00	31.14 -1.58 0.00	41.36 -2.38 0.00	40.37 -2.35 0.00	35.78 -2.12 0.00	36.90 -1.90 0.00
S SALMON___HYD 24043	38.22 -0.80 0.00	45.15 -0.96 0.00	39.55 -0.94 0.00	38.77 -0.98 0.00	38.54 -1.04 0.00	46.50 -1.25 0.00	68.78 -1.79 0.00	50.02 -1.32 0.00	29.44 -0.78 0.00	22.91 -0.63 0.00	22.27 -0.68 0.00	20.16 -0.56 0.00	18.98 -0.50 0.00	20.68 -0.52 0.00	22.53 -0.65 0.00	30.00 -0.86 0.00	38.64 -0.97 0.00	44.16 -0.80 0.00	26.83 -0.42 0.00	32.12 -0.60 0.00	42.77 -0.97 0.00	41.73 -0.99 0.00	37.03 -0.87 0.00	37.86 -0.94 0.00
S.PERRY__115KV_TB1 80734	39.15 0.13 0.00	46.37 0.25 0.00	40.46 -0.03 0.00	39.50 -0.25 0.00	38.91 -0.67 0.00	46.60 -1.15 0.00	68.60 -1.96 0.00	50.04 -1.29 0.00	29.60 -0.63 0.00	22.69 -0.85 0.00	21.88 -1.06 0.00	19.70 -1.02 0.00	18.51 -0.97 0.00	20.15 -1.06 0.00	21.94 -1.24 0.00	29.12 -1.75 0.00	37.72 -1.90 0.00	43.78 -1.19 0.00	26.83 -0.42 0.00	32.06 -0.65 0.00	42.48 -1.26 0.00	41.42 -1.30 0.00	36.73 -1.18 0.00	37.63 -1.17 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.84 -3.18 0.00	42.58 -3.54 0.00	37.15 -3.34 0.00	36.46 -3.29 0.00	36.38 -3.20 0.00	44.57 -3.17 0.00	65.73 -4.84 0.00	46.45 -4.89 0.00	27.48 -2.74 0.00	21.55 -1.99 0.00	21.06 -1.88 0.00	19.20 -1.52 0.00	18.08 -1.40 0.00	19.79 -1.41 0.00	21.56 -1.62 0.00	28.44 -2.43 0.00	35.84 -3.77 0.00	40.62 -4.34 0.00	24.69 -2.56 0.00	29.46 -3.25 0.00	39.09 -4.64 0.00	38.26 -4.46 0.00	34.05 -3.85 0.00	35.47 -3.33 0.00
SAWYER___23_KV_LOAD 55526	35.84 -3.18 0.00	42.58 -3.54 0.00	37.15 -3.34 0.00	36.46 -3.29 0.00	36.38 -3.20 0.00	44.57 -3.17 0.00	65.73 -4.84 0.00	46.45 -4.89 0.00	27.48 -2.74 0.00	21.55 -1.99 0.00	21.06 -1.88 0.00	19.20 -1.52 0.00	18.08 -1.40 0.00	19.79 -1.41 0.00	21.56 -1.62 0.00	28.44 -2.43 0.00	35.84 -3.77 0.00	40.62 -4.34 0.00	24.69 -2.56 0.00	29.46 -3.25 0.00	39.09 -4.64 0.00	38.26 -4.46 0.00	34.05 -3.85 0.00	35.47 -3.33 0.00
SELKIRK___I 23801	39.70 0.68 0.00	46.91 0.80 0.00	41.23 0.74 0.00	40.54 0.79 0.00	40.42 0.84 0.00	48.74 1.00 0.00	72.00 1.43 0.00	52.37 1.04 0.00	30.72 0.50 0.00	23.81 0.27 0.00	23.23 0.28 0.00	20.91 0.19 0.00	19.67 0.19 0.00	21.41 0.21 0.00	23.43 0.25 0.00	31.30 0.44 0.00	40.43 0.82 0.00	46.11 1.14 0.00	28.09 0.84 0.00	33.59 0.87 0.00	44.70 0.97 0.00	43.67 0.95 0.00	38.78 0.88 0.00	39.63 0.83 0.00
SELKIRK___II 23799	39.46 0.44 0.00	46.61 0.50 0.00	40.94 0.46 0.00	40.28 0.53 0.00	40.15 0.57 0.00	48.42 0.68 0.00	71.55 0.98 0.00	52.06 0.72 0.00	30.64 0.42 0.00	23.82 0.28 0.00	23.24 0.30 0.00	20.91 0.19 0.00	19.67 0.19 0.00	21.41 0.21 0.00	23.43 0.26 0.00	31.23 0.36 0.00	40.21 0.59 0.00	45.83 0.87 0.00	27.95 0.70 0.00	33.41 0.70 0.00	44.46 0.72 0.00	43.44 0.73 0.00	38.58 0.68 0.00	39.42 0.62 0.00
SENECA OSWGO___HYD 24041	37.83 -1.19 0.00	44.69 -1.42 0.00	39.15 -1.34 0.00	38.34 -1.42 0.00	38.19 -1.39 0.00	46.13 -1.61 0.00	68.20 -2.36 0.00	49.57 -1.77 0.00	29.21 -1.01 0.00	22.73 -0.81 0.00	22.16 -0.79 0.00	20.06 -0.66 0.00	18.86 -0.62 0.00	20.51 -0.69 0.00	22.39 -0.78 0.00	29.77 -1.10 0.00	38.28 -1.34 0.00	43.62 -1.34 0.00	26.52 -0.73 0.00	31.77 -0.95 0.00	42.29 -1.44 0.00	41.24 -1.48 0.00	36.57 -1.33 0.00	37.43 -1.37 0.00

SENECA___115KV_TB3 355854	36.34 -2.68 0.00	43.15 -2.96 0.00	37.64 -2.85 0.00	36.93 -2.82 0.00	36.88 -2.70 0.00	45.17 -2.57 0.00	66.62 -3.95 0.00	47.14 -4.20 0.00	27.89 -2.33 0.00	21.87 -1.67 0.00	21.36 -1.59 0.00	19.45 -1.27 0.00	18.32 -1.17 0.00	20.03 -1.17 0.00	21.82 -1.35 0.00	28.80 -2.06 0.00	36.35 -3.27 0.00	41.25 -3.72 0.00	25.08 -2.17 0.00	29.94 -2.77 0.00	39.72 -4.02 0.00	38.86 -3.86 0.00	34.59 -3.31 0.00	35.99 -2.81 0.00
SENECA___ENERGY 23797	38.21 -0.82 0.00	45.20 -0.92 0.00	39.48 -1.01 0.00	38.77 -0.98 0.00	38.68 -0.90 0.00	46.74 -1.00 0.00	69.09 -1.47 0.00	50.25 -1.08 0.00	29.56 -0.66 0.00	22.96 -0.58 0.00	22.32 -0.63 0.00	20.17 -0.55 0.00	18.94 -0.54 0.00	20.59 -0.61 0.00	22.47 -0.70 0.00	29.93 -0.93 0.00	38.51 -1.11 0.00	44.14 -0.82 0.00	26.94 -0.31 0.00	32.18 -0.54 0.00	42.72 -1.01 0.00	41.70 -1.02 0.00	37.00 -0.91 0.00	37.86 -0.94 0.00
SHOEMAKER___GT 23640	39.93 0.91 0.00	47.16 1.04 0.00	41.34 0.85 0.00	40.68 0.93 0.00	40.62 1.05 0.00	48.99 1.25 0.00	72.46 1.89 0.00	52.84 1.51 0.00	31.17 0.95 0.00	24.16 0.62 0.00	23.51 0.57 0.00	21.20 0.48 0.00	19.93 0.45 0.00	21.63 0.43 0.00	23.68 0.51 0.00	31.64 0.77 0.00	40.69 1.07 0.00	46.52 1.56 0.00	28.45 1.20 0.00	33.98 1.27 0.00	45.14 1.41 0.00	44.06 1.34 0.00	39.16 1.26 0.00	40.00 1.20 0.00
SHOEMAKR_138KV_BK 111 55601	39.91 0.89 0.00	47.12 1.01 0.00	41.32 0.84 0.00	40.67 0.92 0.00	40.60 1.03 0.00	48.97 1.23 0.00	72.40 1.83 0.00	52.83 1.50 0.00	31.17 0.95 0.00	24.17 0.63 0.00	23.53 0.58 0.00	21.22 0.50 0.00	19.94 0.46 0.00	21.65 0.45 0.00	23.70 0.52 0.00	31.65 0.78 0.00	40.69 1.07 0.00	46.52 1.55 0.00	28.44 1.18 0.00	33.97 1.26 0.00	45.12 1.38 0.00	44.06 1.34 0.00	39.15 1.25 0.00	39.98 1.18 0.00
SHOREHAM_IC_1 23715	41.04 2.01 0.00	48.95 2.83 0.00	42.97 2.48 0.00	42.38 2.63 0.00	42.42 2.84 0.00	51.24 3.50 0.00	75.53 4.97 0.00	58.98 3.84 -3.80	32.15 1.93 0.00	24.87 1.33 0.00	24.50 1.55 0.00	22.15 1.43 0.00	20.79 1.31 0.00	22.55 1.35 0.00	25.85 1.69 -0.99	46.42 2.34 -13.21	107.63 3.10 -64.92	51.52 3.65 -2.91	53.05 2.46 -23.34	36.49 2.85 -0.93	46.98 3.24 0.00	45.57 2.85 0.00	44.23 3.01 -3.31	41.84 3.04 0.00
SHOREHAM_IC_2 23716	41.04 2.01 0.00	48.95 2.83 0.00	42.97 2.48 0.00	42.38 2.63 0.00	42.42 2.84 0.00	51.24 3.50 0.00	75.53 4.97 0.00	58.98 3.84 -3.80	32.15 1.93 0.00	24.87 1.33 0.00	24.50 1.55 0.00	22.15 1.43 0.00	20.79 1.31 0.00	22.55 1.35 0.00	25.85 1.69 -0.99	46.42 2.34 -13.21	107.63 3.10 -64.92	51.52 3.65 -2.91	53.05 2.46 -23.34	36.49 2.85 -0.93	46.98 3.24 0.00	45.57 2.85 0.00	44.23 3.01 -3.31	41.84 3.04 0.00
SISSONVILLE____ 23735	39.51 0.49 0.00	46.77 0.66 0.00	41.42 0.94 0.00	40.65 0.91 0.00	40.37 0.79 0.00	48.44 0.70 0.00	70.91 0.35 0.00	51.65 0.31 0.00	30.31 0.09 0.00	23.82 0.28 0.00	23.21 0.27 0.00	20.94 0.23 0.00	19.67 0.19 0.00	21.46 0.26 0.00	23.50 0.33 0.00	31.33 0.47 0.00	39.99 0.38 0.00	45.13 0.16 0.00	27.04 -0.22 0.00	32.58 -0.13 0.00	43.86 0.13 0.00	42.88 0.16 0.00	38.14 0.23 0.00	39.26 0.46 0.00
SITHE_IND_GS1 24169	37.48 -1.54 0.00	44.29 -1.83 0.00	38.80 -1.69 0.00	38.01 -1.74 0.00	37.85 -1.72 0.00	45.71 -2.04 0.00	67.53 -3.04 0.00	49.06 -2.27 0.00	28.91 -1.31 0.00	22.54 -1.00 0.00	21.97 -0.98 0.00	19.88 -0.83 0.00	18.71 -0.77 0.00	20.35 -0.85 0.00	22.19 -0.98 0.00	29.49 -1.37 0.00	37.84 -1.77 0.00	43.08 -1.89 0.00	26.18 -1.07 0.00	31.36 -1.35 0.00	41.80 -1.94 0.00	40.80 -1.93 0.00	36.19 -1.71 0.00	37.06 -1.74 0.00
SITHE_IND_GS2 24170	37.48 -1.54 0.00	44.29 -1.83 0.00	38.80 -1.69 0.00	38.01 -1.74 0.00	37.85 -1.72 0.00	45.71 -2.04 0.00	67.53 -3.04 0.00	49.06 -2.27 0.00	28.91 -1.31 0.00	22.54 -1.00 0.00	21.97 -0.98 0.00	19.88 -0.83 0.00	18.71 -0.77 0.00	20.35 -0.85 0.00	22.19 -0.98 0.00	29.49 -1.37 0.00	37.84 -1.77 0.00	43.08 -1.89 0.00	26.18 -1.07 0.00	31.36 -1.35 0.00	41.80 -1.94 0.00	40.80 -1.93 0.00	36.19 -1.71 0.00	37.06 -1.74 0.00
SITHE_IND_GS3 24171	37.48 -1.54 0.00	44.29 -1.83 0.00	38.80 -1.69 0.00	38.01 -1.74 0.00	37.85 -1.72 0.00	45.71 -2.04 0.00	67.53 -3.04 0.00	49.06 -2.27 0.00	28.91 -1.31 0.00	22.54 -1.00 0.00	21.97 -0.98 0.00	19.88 -0.83 0.00	18.71 -0.77 0.00	20.35 -0.85 0.00	22.19 -0.98 0.00	29.49 -1.37 0.00	37.84 -1.77 0.00	43.08 -1.89 0.00	26.18 -1.07 0.00	31.36 -1.35 0.00	41.80 -1.94 0.00	40.80 -1.93 0.00	36.19 -1.71 0.00	37.06 -1.74 0.00
SITHE_IND_GS4 24172	37.48 -1.54 0.00	44.29 -1.83 0.00	38.80 -1.69 0.00	38.01 -1.74 0.00	37.85 -1.72 0.00	45.71 -2.04 0.00	67.53 -3.04 0.00	49.06 -2.27 0.00	28.91 -1.31 0.00	22.54 -1.00 0.00	21.97 -0.98 0.00	19.88 -0.83 0.00	18.71 -0.77 0.00	20.35 -0.85 0.00	22.19 -0.98 0.00	29.49 -1.37 0.00	37.84 -1.77 0.00	43.08 -1.89 0.00	26.18 -1.07 0.00	31.36 -1.35 0.00	41.80 -1.94 0.00	40.80 -1.93 0.00	36.19 -1.71 0.00	37.06 -1.74 0.00
SITHE___BATAVIA 24024	36.91 -2.11 0.00	43.76 -2.36 0.00	38.21 -2.28 0.00	37.48 -2.27 0.00	37.37 -2.21 0.00	30.55 -1.76 15.43	43.06 -2.91 24.60	47.93 -3.41 0.00	26.52 -1.87 1.84	21.92 -1.45 0.17	21.42 -1.45 0.08	19.49 -1.14 0.08	18.36 -1.05 0.07	20.03 -1.04 0.13	21.91 -1.27 0.00	28.99 -1.88 0.00	36.89 -2.73 0.00	42.12 -2.84 0.00	24.91 -1.59 0.75	30.61 -2.11 0.00	39.82 -3.15 0.76	39.22 -3.08 0.42	32.77 -2.67 2.46	34.15 -2.22 2.43
SITHE___INDEPEND 23800	37.48 -1.54 0.00	44.29 -1.83 0.00	38.80 -1.69 0.00	38.01 -1.74 0.00	37.85 -1.73 0.00	45.70 -2.05 0.00	67.54 -3.03 0.00	49.06 -2.27 0.00	28.91 -1.31 0.00	22.54 -1.00 0.00	21.97 -0.98 0.00	19.88 -0.83 0.00	18.71 -0.77 0.00	20.35 -0.85 0.00	22.19 -0.98 0.00	29.49 -1.37 0.00	37.85 -1.77 0.00	43.08 -1.89 0.00	26.18 -1.07 0.00	31.37 -1.35 0.00	41.80 -1.94 0.00	40.80 -1.93 0.00	36.19 -1.71 0.00	37.06 -1.74 0.00
SITHE___MASSENA 23902	39.83 0.80 0.00	47.15 1.03 0.00	41.69 1.20 0.00	40.92 1.17 0.00	40.65 1.07 0.00	48.94 1.20 0.00	71.97 1.40 0.00	52.36 1.03 0.00	30.75 0.53 0.00	24.14 0.60 0.00	23.56 0.61 0.00	21.28 0.57 0.00	20.00 0.52 0.00	21.80 0.60 0.00	23.86 0.69 0.00	31.77 0.90 0.00	40.51 0.89 0.00	45.63 0.66 0.00	27.36 0.11 0.00	32.99 0.28 0.00	44.42 0.69 0.00	43.45 0.73 0.00	38.51 0.61 0.00	39.57 0.77 0.00
SITHE___OGDNSBRG 24021	40.36 1.34 0.00	47.79 1.67 0.00	42.28 1.79 0.00	41.52 1.77 0.00	41.21 1.63 0.00	49.62 1.88 0.00	72.89 2.32 0.00	53.07 1.74 0.00	31.14 0.92 0.00	24.43 0.89 0.00	23.84 0.89 0.00	21.51 0.80 0.00	20.19 0.71 0.00	22.01 0.81 0.00	24.14 0.97 0.00	32.22 1.35 0.00	41.15 1.54 0.00	46.41 1.45 0.00	27.77 0.52 0.00	33.48 0.77 0.00	45.07 1.34 0.00	44.05 1.33 0.00	39.06 1.15 0.00	40.13 1.33 0.00

SITHE___STERLING 23777	39.72 0.70 0.00	46.93 0.81 0.00	41.13 0.64 0.00	40.36 0.62 0.00	40.21 0.63 0.00	48.60 0.85 0.00	71.94 1.37 0.00	52.39 1.05 0.00	30.81 0.59 0.00	23.88 0.34 0.00	23.23 0.28 0.00	20.95 0.23 0.00	19.67 0.19 0.00	21.43 0.22 0.00	23.37 0.20 0.00	31.18 0.32 0.00	40.28 0.66 0.00	46.13 1.17 0.00	28.06 0.81 0.00	33.61 0.90 0.00	44.75 1.01 0.00	43.60 0.88 0.00	38.63 0.73 0.00	39.49 0.69 0.00
SLEIGHT__34_KV_TB1 80719	37.54 -1.49 0.00	44.46 -1.66 0.00	38.83 -1.66 0.00	38.11 -1.64 0.00	37.99 -1.58 0.00	46.07 -1.67 0.00	68.10 -2.47 0.00	49.16 -2.17 0.00	28.98 -1.24 0.00	22.58 -0.96 0.00	22.01 -0.94 0.00	19.96 -0.76 0.00	18.77 -0.71 0.00	20.44 -0.76 0.00	22.28 -0.89 0.00	29.64 -1.22 0.00	37.97 -1.65 0.00	43.30 -1.66 0.00	26.34 -0.91 0.00	31.46 -1.25 0.00	41.80 -1.94 0.00	40.83 -1.90 0.00	36.15 -1.76 0.00	37.12 -1.68 0.00
SOUTH CAIRO___GT 23612	41.18 2.16 0.00	48.60 2.48 0.00	42.70 2.21 0.00	41.99 2.24 0.00	41.82 2.25 0.00	50.58 2.84 0.00	74.83 4.27 0.00	54.49 3.16 0.00	31.91 1.69 0.00	24.54 1.00 0.00	23.82 0.88 0.00	21.38 0.66 0.00	20.08 0.60 0.00	21.87 0.67 0.00	23.97 0.79 0.00	32.13 1.26 0.00	41.91 2.30 0.00	48.27 3.30 0.00	29.45 2.19 0.00	35.14 2.42 0.00	46.70 2.97 0.00	45.52 2.80 0.00	40.29 2.39 0.00	41.08 2.28 0.00
SOUTH HAMPTN___IC 23720	41.31 2.29 0.00	49.23 3.11 0.00	43.22 2.73 0.00	42.64 2.89 0.00	42.67 3.09 0.00	51.54 3.80 0.00	76.00 5.43 0.00	59.32 4.18 -3.80	32.41 2.19 0.00	25.05 1.51 0.00	24.61 1.67 0.00	22.29 1.57 0.00	20.91 1.43 0.00	22.69 1.49 0.00	26.04 1.87 -0.99	46.70 2.63 -13.21	108.06 3.53 -64.92	52.09 4.22 -2.91	53.37 2.78 -23.34	36.81 3.17 -0.93	47.33 3.59 0.00	45.89 3.17 0.00	44.45 3.23 -3.31	42.05 3.25 0.00
SOUTHDOW_115KV_TB1 355954	37.99 -1.03 0.00	45.07 -1.05 0.00	39.26 -1.23 0.00	38.58 -1.18 0.00	38.56 -1.01 0.00	47.09 -0.65 0.00	69.54 -1.02 0.00	49.57 -1.76 0.00	29.40 -0.82 0.00	23.02 -0.53 0.00	22.45 -0.50 0.00	20.38 -0.33 0.00	19.14 -0.34 0.00	20.88 -0.32 0.00	22.74 -0.43 0.00	29.99 -0.88 0.00	38.03 -1.59 0.00	43.30 -1.66 0.00	26.41 -0.84 0.00	31.55 -1.16 0.00	41.74 -2.00 0.00	40.77 -1.95 0.00	36.40 -1.51 0.00	37.81 -0.99 0.00
SOUTHOLD_69_KV_BK 2 55809	41.55 2.53 0.00	49.50 3.39 0.00	43.46 2.98 0.00	42.90 3.15 0.00	42.92 3.35 0.00	51.88 4.14 0.00	76.43 5.87 0.00	59.72 4.58 -3.80	32.69 2.47 0.00	25.23 1.69 0.00	24.75 1.80 0.00	22.47 1.75 0.00	21.07 1.59 0.00	22.87 1.67 0.00	26.30 2.14 -0.99	47.15 3.08 -13.21	108.70 4.17 -64.92	52.90 5.03 -2.91	53.81 3.22 -23.34	37.21 3.58 -0.93	47.73 3.99 0.00	46.21 3.49 0.00	44.67 3.45 -3.31	42.27 3.47 0.00
SOUTHOLD___IC 23719	41.56 2.53 0.00	49.50 3.38 0.00	43.47 2.98 0.00	42.90 3.15 0.00	42.92 3.34 0.00	51.87 4.12 0.00	76.50 5.94 0.00	59.72 4.58 -3.80	32.68 2.46 0.00	25.23 1.69 0.00	24.75 1.80 0.00	22.47 1.75 0.00	21.07 1.59 0.00	22.87 1.67 0.00	26.30 2.14 -0.99	47.15 3.08 -13.21	108.71 4.17 -64.92	52.90 5.03 -2.91	53.81 3.22 -23.34	37.21 3.57 -0.93	47.73 4.00 0.00	46.21 3.49 0.00	44.67 3.45 -3.31	42.27 3.47 0.00
SOUTH_FORK_WT_PWR 323839	41.33 2.31 0.00	49.23 3.11 0.00	43.25 2.76 0.00	42.70 2.95 0.00	42.71 3.13 0.00	51.61 3.86 0.00	76.11 5.54 0.00	59.43 4.30 -3.80	32.54 2.32 0.00	25.12 1.58 0.00	24.63 1.68 0.00	22.42 1.70 0.00	21.02 1.54 0.00	22.82 1.62 0.00	26.29 2.13 -0.99	47.17 3.10 -13.21	108.75 4.22 -64.92	52.97 5.09 -2.91	53.80 3.21 -23.34	37.12 3.48 -0.93	47.53 3.79 0.00	45.96 3.24 0.00	44.44 3.22 -3.31	42.04 3.24 0.00
SPIERFLS_115KV_TB 1 80737	40.54 1.52 0.00	47.87 1.75 0.00	42.00 1.52 0.00	41.32 1.57 0.00	41.18 1.60 0.00	49.67 1.93 0.00	73.39 2.83 0.00	53.44 2.10 0.00	31.32 1.10 0.00	24.35 0.81 0.00	23.65 0.71 0.00	21.18 0.46 0.00	19.92 0.44 0.00	21.69 0.49 0.00	23.81 0.64 0.00	32.07 1.20 0.00	41.61 2.00 0.00	47.49 2.53 0.00	29.00 1.75 0.00	34.69 1.97 0.00	46.06 2.33 0.00	44.89 2.17 0.00	39.73 1.83 0.00	40.51 1.71 0.00
ST LAWRENCE____ 23600	39.43 0.41 0.00	46.65 0.53 0.00	41.13 0.64 0.00	40.37 0.62 0.00	40.11 0.53 0.00	48.32 0.58 0.00	71.27 0.71 0.00	51.87 0.53 0.00	30.47 0.24 0.00	23.85 0.31 0.00	23.28 0.33 0.00	21.03 0.31 0.00	19.76 0.28 0.00	21.55 0.35 0.00	23.57 0.40 0.00	31.37 0.51 0.00	40.11 0.49 0.00	45.17 0.21 0.00	27.10 -0.15 0.00	32.69 -0.02 0.00	44.04 0.31 0.00	43.06 0.34 0.00	38.15 0.25 0.00	39.17 0.37 0.00
STATE_CA_115KV_115_LB 55624	39.46 0.44 0.00	46.59 0.47 0.00	40.91 0.43 0.00	40.25 0.51 0.00	40.14 0.56 0.00	48.41 0.67 0.00	71.52 0.96 0.00	52.03 0.69 0.00	30.63 0.42 0.00	23.83 0.29 0.00	23.28 0.33 0.00	20.93 0.22 0.00	19.70 0.21 0.00	21.45 0.25 0.00	23.47 0.30 0.00	31.26 0.40 0.00	40.28 0.66 0.00	45.90 0.93 0.00	28.01 0.76 0.00	33.45 0.74 0.00	44.51 0.77 0.00	43.52 0.80 0.00	38.60 0.70 0.00	39.43 0.63 0.00
STATE_ST_34_KV_LOAD 55959	38.75 -0.28 0.00	45.86 -0.25 0.00	39.98 -0.51 0.00	39.30 -0.45 0.00	39.19 -0.39 0.00	47.41 -0.33 0.00	69.89 -0.67 0.00	50.93 -0.40 0.00	29.90 -0.32 0.00	23.28 -0.26 0.00	22.69 -0.26 0.00	20.51 -0.21 0.00	19.27 -0.20 0.00	20.94 -0.26 0.00	22.84 -0.33 0.00	30.49 -0.38 0.00	39.06 -0.56 0.00	44.72 -0.24 0.00	27.26 0.01 0.00	32.51 -0.20 0.00	43.19 -0.54 0.00	42.31 -0.41 0.00	37.50 -0.41 0.00	38.26 -0.54 0.00
STATION 5_MISC_HYD 23604	37.17 -1.85 0.00	44.04 -2.08 0.00	38.47 -2.02 0.00	37.73 -2.01 0.00	37.60 -1.98 0.00	36.37 -2.00 9.37	52.51 -3.13 14.93	48.41 -2.92 0.00	27.48 -1.63 1.11	22.22 -1.23 0.10	21.72 -1.18 0.05	19.74 -0.93 0.05	18.58 -0.86 0.04	20.24 -0.88 0.08	22.14 -1.03 0.00	29.34 -1.53 0.00	37.41 -2.20 0.00	42.58 -2.38 0.00	25.45 -1.34 0.45	30.95 -1.76 0.00	40.65 -2.62 0.46	39.90 -2.56 0.26	34.12 -2.28 1.49	35.24 -2.08 1.48
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.01 -1.02 0.00	44.99 -1.13 0.00	39.32 -1.17 0.00	38.59 -1.17 0.00	38.47 -1.11 0.00	46.63 -1.12 0.00	69.00 -1.57 0.00	49.78 -1.56 0.00	29.34 -0.88 0.00	22.83 -0.71 0.00	22.22 -0.72 0.00	20.14 -0.58 0.00	18.93 -0.55 0.00	20.61 -0.59 0.00	22.49 -0.69 0.00	29.89 -0.98 0.00	38.34 -1.28 0.00	43.76 -1.21 0.00	26.64 -0.61 0.00	31.84 -0.88 0.00	42.26 -1.47 0.00	41.23 -1.49 0.00	36.55 -1.35 0.00	37.56 -1.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.08 -1.95 0.00	43.93 -2.18 0.00	38.38 -2.11 0.00	37.64 -2.11 0.00	37.51 -2.06 0.00	45.55 -2.20 0.00	67.34 -3.22 0.00	48.35 -2.99 0.00	28.54 -1.68 0.00	22.27 -1.27 0.00	21.72 -1.22 0.00	19.74 -0.98 0.00	18.57 -0.91 0.00	20.26 -0.94 0.00	22.08 -1.09 0.00	29.28 -1.59 0.00	37.39 -2.23 0.00	42.55 -2.42 0.00	25.88 -1.37 0.00	30.92 -1.79 0.00	41.08 -2.66 0.00	40.10 -2.62 0.00	35.54 -2.37 0.00	36.63 -2.17 0.00

STA_56___34_KV_BUS2 355983	37.08 -1.95 0.00	43.93 -2.18 0.00	38.38 -2.11 0.00	37.64 -2.11 0.00	37.51 -2.06 0.00	45.55 -2.20 0.00	67.34 -3.22 0.00	48.35 -2.99 0.00	28.54 -1.68 0.00	22.27 -1.27 0.00	21.72 -1.22 0.00	19.74 -0.98 0.00	18.57 -0.91 0.00	20.26 -0.94 0.00	22.08 -1.09 0.00	29.28 -1.59 0.00	37.39 -2.23 0.00	42.55 -2.42 0.00	25.88 -1.37 0.00	30.92 -1.79 0.00	41.08 -2.66 0.00	40.10 -2.62 0.00	35.54 -2.37 0.00	36.63 -2.17 0.00
STA_67___115KV_BK2 355882	37.09 -1.94 0.00	43.95 -2.17 0.00	38.39 -2.10 0.00	37.66 -2.09 0.00	37.53 -2.05 0.00	45.59 -2.15 0.00	67.38 -3.18 0.00	48.31 -3.02 0.00	28.52 -1.70 0.00	22.27 -1.27 0.00	21.72 -1.23 0.00	19.75 -0.97 0.00	18.58 -0.90 0.00	20.28 -0.92 0.00	22.10 -1.07 0.00	29.28 -1.59 0.00	37.33 -2.29 0.00	42.48 -2.48 0.00	25.83 -1.42 0.00	30.87 -1.84 0.00	41.01 -2.73 0.00	40.06 -2.66 0.00	35.51 -2.39 0.00	36.64 -2.16 0.00
STA_7___115KV_9TRANS 80674	37.33 -1.69 0.00	44.23 -1.88 0.00	38.63 -1.86 0.00	37.89 -1.86 0.00	37.75 -1.82 0.00	45.88 -1.87 0.00	67.84 -2.73 0.00	48.64 -2.69 0.00	28.72 -1.51 0.00	22.42 -1.13 0.00	21.86 -1.09 0.00	19.87 -0.84 0.00	18.70 -0.78 0.00	20.41 -0.79 0.00	22.23 -0.94 0.00	29.47 -1.40 0.00	37.60 -2.01 0.00	42.84 -2.13 0.00	26.06 -1.19 0.00	31.14 -1.58 0.00	41.36 -2.38 0.00	40.37 -2.35 0.00	35.78 -2.12 0.00	36.90 -1.90 0.00
STA_82___115KV_TB1 80780	37.10 -1.92 0.00	43.98 -2.14 0.00	38.42 -2.07 0.00	37.68 -2.06 0.00	37.55 -2.03 0.00	45.61 -2.13 0.00	67.43 -3.14 0.00	48.34 -2.99 0.00	28.54 -1.68 0.00	22.28 -1.26 0.00	21.73 -1.22 0.00	19.75 -0.96 0.00	18.60 -0.89 0.00	20.29 -0.91 0.00	22.10 -1.07 0.00	29.29 -1.58 0.00	37.35 -2.27 0.00	42.50 -2.46 0.00	25.84 -1.41 0.00	30.89 -1.83 0.00	41.02 -2.71 0.00	40.07 -2.65 0.00	35.53 -2.38 0.00	36.64 -2.16 0.00
STEEL___WIND 323596	36.29 -2.73 0.00	43.09 -3.03 0.00	37.60 -2.89 0.00	36.88 -2.87 0.00	36.83 -2.74 0.00	22.11 -2.56 23.08	29.64 -4.14 36.78	47.08 -4.25 0.00	25.13 -2.35 2.74	21.57 -1.72 0.25	21.22 -1.62 0.11	19.31 -1.29 0.12	18.18 -1.19 0.11	19.80 -1.21 0.19	21.79 -1.39 0.00	28.76 -2.11 0.00	36.28 -3.33 0.00	41.16 -3.80 0.00	23.92 -2.21 1.12	29.90 -2.81 0.00	38.50 -4.10 1.14	38.18 -3.91 0.63	30.90 -3.33 3.68	32.27 -2.89 3.64
STEPHTWN_115KV_BK_2 55603	39.78 0.75 0.00	46.96 0.84 0.00	41.16 0.68 0.00	40.50 0.75 0.00	40.47 0.89 0.00	48.76 1.02 0.00	72.19 1.62 0.00	52.58 1.25 0.00	30.88 0.66 0.00	23.98 0.43 0.00	23.41 0.46 0.00	21.04 0.32 0.00	19.80 0.32 0.00	21.54 0.34 0.00	23.58 0.40 0.00	31.52 0.65 0.00	40.66 1.05 0.00	46.31 1.35 0.00	28.28 1.03 0.00	33.77 1.06 0.00	44.88 1.15 0.00	43.88 1.16 0.00	38.88 0.97 0.00	39.69 0.89 0.00
STEUBEN_REC_LFGE 323667	39.00 -0.02 0.00	46.37 0.25 0.00	40.46 -0.03 0.00	39.76 0.01 0.00	39.68 0.10 0.00	47.96 0.22 0.00	71.06 0.49 0.00	51.74 0.41 0.00	30.52 0.30 0.00	23.56 0.02 0.00	22.76 -0.19 0.00	20.51 -0.21 0.00	19.19 -0.28 0.00	20.90 -0.31 0.00	22.77 -0.41 0.00	30.24 -0.63 0.00	39.20 -0.41 0.00	45.15 0.18 0.00	27.51 0.26 0.00	32.89 0.18 0.00	43.53 -0.21 0.00	42.53 -0.19 0.00	37.94 0.04 0.00	38.90 0.10 0.00
STILLWATER___SOLAR 323814	40.48 1.46 0.00	47.79 1.67 0.00	41.94 1.45 0.00	41.27 1.52 0.00	41.14 1.57 0.00	49.63 1.89 0.00	73.38 2.82 0.00	53.41 2.07 0.00	31.31 1.09 0.00	24.29 0.75 0.00	23.61 0.66 0.00	21.20 0.48 0.00	19.93 0.45 0.00	21.70 0.50 0.00	23.80 0.63 0.00	31.96 1.10 0.00	41.36 1.75 0.00	47.21 2.25 0.00	28.78 1.53 0.00	34.43 1.71 0.00	45.77 2.03 0.00	44.68 1.96 0.00	39.59 1.68 0.00	40.41 1.61 0.00
STONY___BROOK 24151	41.18 2.16 0.00	48.87 2.75 0.00	42.90 2.40 0.00	42.25 2.50 0.00	42.26 2.68 0.00	50.92 3.17 0.00	75.03 4.47 0.00	58.65 3.51 -3.80	32.25 2.03 0.00	24.98 1.43 0.00	24.45 1.50 0.00	22.07 1.35 0.00	20.72 1.24 0.00	22.48 1.28 0.00	25.75 1.59 -0.99	46.28 2.21 -13.21	107.47 2.94 -64.92	51.53 3.65 -2.91	53.12 2.53 -23.34	36.49 2.85 -0.93	47.03 3.29 0.00	45.75 3.03 0.00	44.19 2.97 -3.31	41.71 2.91 0.00
STURGEON_POOL_HYD 23609	40.22 1.20 0.00	47.46 1.34 0.00	41.61 1.12 0.00	40.98 1.23 0.00	40.94 1.36 0.00	49.36 1.61 0.00	72.96 2.39 0.00	53.28 1.95 0.00	31.52 1.30 0.00	24.46 0.92 0.00	23.82 0.87 0.00	21.47 0.75 0.00	20.17 0.69 0.00	21.87 0.67 0.00	23.96 0.79 0.00	32.03 1.17 0.00	41.10 1.49 0.00	46.97 2.01 0.00	28.77 1.52 0.00	34.35 1.64 0.00	45.53 1.79 0.00	44.45 1.73 0.00	39.55 1.65 0.00	40.35 1.56 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.03 1.01 0.00	47.27 1.15 0.00	41.41 0.93 0.00	40.77 1.03 0.00	40.74 1.17 0.00	49.14 1.39 0.00	72.63 2.07 0.00	53.02 1.69 0.00	31.31 1.09 0.00	24.28 0.74 0.00	23.65 0.71 0.00	21.33 0.61 0.00	20.05 0.57 0.00	21.76 0.56 0.00	23.83 0.65 0.00	31.82 0.96 0.00	40.86 1.25 0.00	46.70 1.74 0.00	28.59 1.33 0.00	34.12 1.41 0.00	45.29 1.55 0.00	44.22 1.50 0.00	39.31 1.40 0.00	40.14 1.34 0.00
SWANROAD_115KV_TB1 355699	35.01 -4.01 0.00	41.58 -4.54 0.00	36.34 -4.14 0.00	35.65 -4.10 0.00	35.57 -4.01 0.00	43.99 -3.75 0.00	64.75 -5.82 0.00	45.29 -6.05 0.00	26.77 -3.45 0.00	21.02 -2.52 0.00	20.54 -2.41 0.00	18.74 -1.97 0.00	17.67 -1.81 0.00	19.34 -1.86 0.00	21.05 -2.12 0.00	27.74 -3.12 0.00	34.90 -4.72 0.00	39.57 -5.40 0.00	24.04 -3.21 0.00	28.68 -4.03 0.00	38.04 -5.70 0.00	37.26 -5.46 0.00	33.22 -4.68 0.00	34.81 -3.99 0.00
SYNERGY___BIOGAS 323694	36.91 -2.11 0.00	43.76 -2.36 0.00	38.21 -2.28 0.00	37.48 -2.27 0.00	37.37 -2.21 0.00	30.55 -1.76 15.43	43.06 -2.91 24.60	47.93 -3.41 0.00	26.52 -1.87 1.84	21.92 -1.45 0.17	21.42 -1.45 0.08	19.49 -1.14 0.08	18.36 -1.05 0.07	20.03 -1.04 0.13	21.91 -1.27 0.00	28.99 -1.88 0.00	36.89 -2.73 0.00	42.12 -2.84 0.00	24.91 -1.59 0.75	30.61 -2.11 0.00	39.82 -3.15 0.76	39.22 -3.08 0.42	32.77 -2.67 2.46	34.15 -2.22 2.43
SYRACUSE___ENERGY_ST1 323597	38.42 -0.60 0.00	45.39 -0.73 0.00	39.73 -0.76 0.00	38.95 -0.80 0.00	38.80 -0.77 0.00	46.88 -0.87 0.00	69.30 -1.27 0.00	50.39 -0.95 0.00	29.68 -0.54 0.00	23.10 -0.44 0.00	22.51 -0.44 0.00	20.36 -0.36 0.00	19.14 -0.34 0.00	20.82 -0.38 0.00	22.72 -0.45 0.00	30.26 -0.61 0.00	38.87 -0.75 0.00	44.31 -0.66 0.00	26.96 -0.29 0.00	32.27 -0.44 0.00	42.93 -0.80 0.00	41.93 -0.79 0.00	37.18 -0.73 0.00	38.04 -0.76 0.00
SYRACUSE___ENERGY_ST2 323598	38.42 -0.60 0.00	45.39 -0.73 0.00	39.73 -0.76 0.00	38.95 -0.80 0.00	38.80 -0.77 0.00	46.88 -0.87 0.00	69.30 -1.27 0.00	50.39 -0.95 0.00	29.68 -0.54 0.00	23.10 -0.44 0.00	22.51 -0.44 0.00	20.36 -0.36 0.00	19.14 -0.34 0.00	20.82 -0.38 0.00	22.72 -0.45 0.00	30.26 -0.61 0.00	38.87 -0.75 0.00	44.31 -0.66 0.00	26.96 -0.29 0.00	32.27 -0.44 0.00	42.93 -0.80 0.00	41.93 -0.79 0.00	37.18 -0.73 0.00	38.04 -0.76 0.00

SYRACUSE___POWER 24017	38.37 -0.65 0.00	45.33 -0.79 0.00	39.69 -0.80 0.00	38.91 -0.84 0.00	38.77 -0.81 0.00	46.82 -0.92 0.00	69.24 -1.32 0.00	50.35 -0.99 0.00	29.67 -0.55 0.00	23.09 -0.45 0.00	22.48 -0.46 0.00	20.33 -0.38 0.00	19.12 -0.36 0.00	20.80 -0.40 0.00	22.70 -0.47 0.00	30.21 -0.66 0.00	38.82 -0.79 0.00	44.28 -0.69 0.00	26.95 -0.31 0.00	32.27 -0.44 0.00	42.93 -0.81 0.00	41.89 -0.83 0.00	37.15 -0.76 0.00	38.01 -0.79 0.00
TALLMAN___138KV_BK151 55660	40.11 1.09 0.00	47.37 1.25 0.00	41.49 1.00 0.00	40.86 1.11 0.00	40.85 1.28 0.00	49.26 1.52 0.00	72.81 2.24 0.00	53.17 1.84 0.00	31.43 1.21 0.00	24.36 0.82 0.00	23.76 0.81 0.00	21.43 0.71 0.00	20.15 0.67 0.00	21.86 0.66 0.00	23.92 0.75 0.00	31.96 1.09 0.00	40.98 1.36 0.00	46.84 1.87 0.00	28.69 1.44 0.00	34.23 1.52 0.00	45.42 1.68 0.00	44.35 1.62 0.00	39.43 1.53 0.00	40.27 1.47 0.00
TEALLAVE_115KV_TB7 355573	38.08 -0.94 0.00	45.01 -1.11 0.00	39.40 -1.09 0.00	38.61 -1.14 0.00	38.48 -1.10 0.00	46.47 -1.28 0.00	68.73 -1.84 0.00	49.93 -1.40 0.00	29.45 -0.77 0.00	22.93 -0.61 0.00	22.33 -0.62 0.00	20.22 -0.50 0.00	19.01 -0.47 0.00	20.68 -0.52 0.00	22.57 -0.61 0.00	30.01 -0.86 0.00	38.53 -1.09 0.00	43.90 -1.06 0.00	26.71 -0.54 0.00	31.99 -0.72 0.00	42.58 -1.16 0.00	41.53 -1.19 0.00	36.83 -1.07 0.00	37.70 -1.10 0.00
TELGRAPH_34_KV_EAST 80808	36.15 -2.87 0.00	42.92 -3.20 0.00	37.49 -3.01 0.00	36.77 -2.98 0.00	36.66 -2.91 0.00	45.11 -2.63 0.00	66.53 -4.03 0.00	46.87 -4.47 0.00	27.73 -2.49 0.00	21.71 -1.83 0.00	21.18 -1.77 0.00	19.30 -1.41 0.00	18.18 -1.30 0.00	19.88 -1.32 0.00	21.61 -1.57 0.00	28.55 -2.32 0.00	36.12 -3.50 0.00	41.09 -3.88 0.00	24.99 -2.26 0.00	29.81 -2.90 0.00	39.55 -4.19 0.00	38.66 -4.06 0.00	34.40 -3.50 0.00	35.85 -2.95 0.00
TEMPLE___115KV_TB 2 55572	38.11 -0.91 0.00	45.02 -1.10 0.00	39.42 -1.07 0.00	38.64 -1.11 0.00	38.49 -1.09 0.00	46.50 -1.24 0.00	68.76 -1.81 0.00	49.95 -1.38 0.00	29.47 -0.75 0.00	22.95 -0.60 0.00	22.35 -0.60 0.00	20.23 -0.49 0.00	19.02 -0.46 0.00	20.69 -0.51 0.00	22.58 -0.60 0.00	30.03 -0.84 0.00	38.55 -1.07 0.00	43.93 -1.04 0.00	26.73 -0.52 0.00	32.01 -0.70 0.00	42.60 -1.14 0.00	41.56 -1.16 0.00	36.86 -1.05 0.00	37.73 -1.07 0.00
TIANA___69_KV_BK 1 55817	41.28 2.26 0.00	49.18 3.06 0.00	43.18 2.69 0.00	42.59 2.84 0.00	42.62 3.04 0.00	51.49 3.74 0.00	75.82 5.25 0.00	59.25 4.11 -3.80	32.36 2.14 0.00	25.03 1.49 0.00	24.59 1.65 0.00	22.25 1.53 0.00	20.87 1.39 0.00	22.65 1.45 0.00	25.98 1.81 -0.99	46.61 2.54 -13.21	107.94 3.40 -64.92	51.94 4.07 -2.91	53.30 2.71 -23.34	36.75 3.11 -0.93	47.28 3.54 0.00	45.85 3.13 0.00	44.42 3.21 -3.31	42.02 3.22 0.00
TILDEN___115KV_TB1 80814	38.37 -0.65 0.00	45.33 -0.79 0.00	39.69 -0.80 0.00	38.91 -0.84 0.00	38.77 -0.81 0.00	46.82 -0.92 0.00	69.24 -1.32 0.00	50.35 -0.99 0.00	29.67 -0.55 0.00	23.09 -0.45 0.00	22.48 -0.46 0.00	20.33 -0.38 0.00	19.12 -0.36 0.00	20.80 -0.40 0.00	22.70 -0.47 0.00	30.21 -0.66 0.00	38.82 -0.79 0.00	44.28 -0.69 0.00	26.95 -0.31 0.00	32.27 -0.44 0.00	42.93 -0.81 0.00	41.89 -0.83 0.00	37.15 -0.76 0.00	38.01 -0.79 0.00
TRIGEN___CC 323695	40.79 1.77 0.00	48.24 2.12 0.00	42.30 1.81 0.00	41.69 1.94 0.00	41.66 2.09 0.00	50.16 2.42 0.00	73.84 3.27 0.00	57.74 2.60 -3.80	31.94 1.72 0.00	24.75 1.21 0.00	24.17 1.23 0.00	21.82 1.10 0.00	20.53 1.05 0.00	22.26 1.07 0.00	25.44 1.28 -0.99	45.84 1.76 -13.21	106.76 2.22 -64.92	50.63 2.76 -2.91	52.64 2.05 -23.34	35.90 2.26 -0.93	46.34 2.60 0.00	45.23 2.51 0.00	43.59 2.38 -3.31	41.10 2.30 0.00
TRINITY___115KV___ 4 BK 55933	39.34 0.31 0.00	46.45 0.33 0.00	40.79 0.31 0.00	40.14 0.39 0.00	40.03 0.45 0.00	48.27 0.53 0.00	71.30 0.73 0.00	51.87 0.53 0.00	30.54 0.31 0.00	23.76 0.22 0.00	23.20 0.26 0.00	20.86 0.15 0.00	19.63 0.15 0.00	21.38 0.18 0.00	23.39 0.22 0.00	31.15 0.28 0.00	40.11 0.49 0.00	45.71 0.74 0.00	27.90 0.64 0.00	33.32 0.61 0.00	44.33 0.59 0.00	43.34 0.62 0.00	38.48 0.57 0.00	39.30 0.50 0.00
UNION___PROCESSING_DRP 323587	37.12 -1.90 0.00	44.00 -2.12 0.00	38.43 -2.06 0.00	37.69 -2.05 0.00	37.56 -2.02 0.00	45.64 -2.11 0.00	67.45 -3.11 0.00	48.36 -2.98 0.00	28.55 -1.67 0.00	22.29 -1.25 0.00	21.74 -1.20 0.00	19.76 -0.96 0.00	18.60 -0.88 0.00	20.29 -0.91 0.00	22.11 -1.06 0.00	29.30 -1.57 0.00	37.36 -2.26 0.00	42.53 -2.44 0.00	25.86 -1.39 0.00	30.90 -1.81 0.00	41.05 -2.69 0.00	40.09 -2.63 0.00	35.54 -2.37 0.00	36.67 -2.13 0.00
UPPER HUDSON___HYD 24058	40.54 1.52 0.00	47.87 1.75 0.00	42.00 1.52 0.00	41.32 1.57 0.00	41.18 1.61 0.00	49.67 1.92 0.00	73.40 2.84 0.00	53.44 2.10 0.00	31.32 1.10 0.00	24.35 0.80 0.00	23.65 0.71 0.00	21.18 0.46 0.00	19.92 0.44 0.00	21.68 0.48 0.00	23.81 0.64 0.00	32.07 1.20 0.00	41.61 1.99 0.00	47.49 2.53 0.00	29.01 1.75 0.00	34.69 1.97 0.00	46.06 2.32 0.00	44.89 2.17 0.00	39.73 1.83 0.00	40.51 1.71 0.00
UPPER RAQUET___HYD 24056	39.51 0.49 0.00	46.77 0.66 0.00	41.42 0.94 0.00	40.65 0.91 0.00	40.37 0.79 0.00	48.44 0.70 0.00	70.92 0.36 0.00	51.65 0.32 0.00	30.31 0.09 0.00	23.82 0.28 0.00	23.21 0.27 0.00	20.95 0.23 0.00	19.67 0.19 0.00	21.46 0.26 0.00	23.50 0.33 0.00	31.33 0.47 0.00	39.99 0.38 0.00	45.13 0.16 0.00	27.04 -0.21 0.00	32.58 -0.13 0.00	43.87 0.13 0.00	42.88 0.16 0.00	38.14 0.23 0.00	39.27 0.47 0.00
VALLEY44_115KV_TB2 355964	37.12 -1.91 0.00	44.05 -2.07 0.00	38.35 -2.14 0.00	37.65 -2.10 0.00	37.55 -2.03 0.00	45.73 -2.02 0.00	67.37 -3.20 0.00	47.97 -3.36 0.00	28.64 -1.59 0.00	22.44 -1.11 0.00	21.93 -1.02 0.00	19.94 -0.78 0.00	18.75 -0.73 0.00	20.37 -0.82 0.00	22.21 -0.97 0.00	29.22 -1.64 0.00	37.10 -2.51 0.00	42.04 -2.92 0.00	25.63 -1.63 0.00	30.59 -2.12 0.00	40.55 -3.18 0.00	39.63 -3.09 0.00	35.50 -2.40 0.00	36.96 -1.84 0.00
VALLEY___115KV_TB 1-4 80826	39.02 0.00 0.00	46.07 -0.05 0.00	40.39 -0.10 0.00	39.72 -0.03 0.00	39.64 0.06 0.00	47.88 0.14 0.00	70.90 0.33 0.00	51.60 0.27 0.00	30.31 0.09 0.00	23.47 -0.07 0.00	22.80 -0.14 0.00	20.50 -0.22 0.00	19.29 -0.18 0.00	20.99 -0.21 0.00	22.97 -0.20 0.00	30.78 -0.08 0.00	39.78 0.16 0.00	45.56 0.60 0.00	27.82 0.57 0.00	33.29 0.57 0.00	44.23 0.49 0.00	43.17 0.45 0.00	38.28 0.37 0.00	39.00 0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.44 1.42 0.00	47.80 1.68 0.00	41.98 1.49 0.00	41.20 1.45 0.00	41.08 1.51 0.00	49.63 1.88 0.00	73.42 2.86 0.00	53.51 2.17 0.00	31.58 1.36 0.00	24.54 1.00 0.00	23.88 0.93 0.00	21.54 0.82 0.00	20.22 0.74 0.00	21.93 0.73 0.00	23.98 0.81 0.00	31.96 1.10 0.00	41.09 1.47 0.00	46.88 1.91 0.00	28.57 1.32 0.00	34.23 1.52 0.00	45.55 1.81 0.00	44.46 1.74 0.00	39.46 1.55 0.00	40.36 1.56 0.00

VISCHER___FERRY HYD 24020	40.05 1.02 0.00	47.28 1.16 0.00	41.52 1.03 0.00	40.86 1.11 0.00	40.74 1.17 0.00	49.14 1.39 0.00	72.61 2.04 0.00	52.80 1.46 0.00	31.03 0.81 0.00	24.12 0.58 0.00	23.47 0.52 0.00	21.07 0.35 0.00	19.83 0.35 0.00	21.60 0.40 0.00	23.65 0.48 0.00	31.65 0.79 0.00	40.81 1.20 0.00	46.53 1.56 0.00	28.36 1.11 0.00	33.94 1.22 0.00	45.15 1.41 0.00	44.13 1.41 0.00	39.15 1.25 0.00	39.99 1.19 0.00
V_A_10_SYNC_DSASP 323832	35.92 -3.10 0.00	42.65 -3.47 0.00	37.23 -3.26 0.00	36.55 -3.20 0.00	36.44 -3.14 0.00	28.70 -3.22 15.82	40.27 -5.08 25.22	46.63 -4.70 0.00	25.71 -2.64 1.88	21.43 -1.94 0.17	21.04 -1.83 0.08	19.15 -1.49 0.08	18.04 -1.37 0.07	19.67 -1.40 0.13	21.58 -1.60 0.00	28.49 -2.38 0.00	36.02 -3.59 0.00	40.83 -4.13 0.00	24.05 -2.43 0.77	29.62 -3.09 0.00	38.55 -4.40 0.78	38.05 -4.23 0.43	31.71 -3.67 2.52	33.01 -3.30 2.50
V_CMM_10_SYNC_DSASP 323787	39.60 0.58 0.00	46.87 0.75 0.00	41.31 0.82 0.00	40.55 0.80 0.00	40.28 0.70 0.00	48.53 0.79 0.00	71.62 1.06 0.00	52.10 0.77 0.00	30.61 0.39 0.00	23.96 0.41 0.00	23.38 0.43 0.00	21.12 0.41 0.00	19.85 0.37 0.00	21.64 0.44 0.00	23.68 0.51 0.00	31.52 0.65 0.00	40.30 0.68 0.00	45.39 0.42 0.00	27.22 -0.03 0.00	32.83 0.12 0.00	44.23 0.49 0.00	43.25 0.52 0.00	38.31 0.41 0.00	39.34 0.54 0.00
V_CMP_10_SYNC_DSASP 323788	41.61 2.59 0.00	49.04 2.93 0.00	43.33 2.84 0.00	42.60 2.85 0.00	42.28 2.70 0.00	50.37 2.63 0.00	73.85 3.28 0.00	53.90 2.57 0.00	31.65 1.43 0.00	24.89 1.35 0.00	24.12 1.18 0.00	21.67 0.95 0.00	20.37 0.89 0.00	22.38 1.18 0.00	24.51 1.33 0.00	32.77 1.90 0.00	41.76 2.14 0.00	47.45 2.48 0.00	28.52 1.27 0.00	34.29 1.58 0.00	45.90 2.16 0.00	44.87 2.15 0.00	39.77 1.86 0.00	41.11 2.31 0.00
V_D_10_SYNC_DSASP 323841	39.83 0.80 0.00	47.15 1.03 0.00	41.67 1.19 0.00	40.91 1.16 0.00	40.64 1.06 0.00	48.93 1.19 0.00	71.97 1.40 0.00	52.37 1.03 0.00	30.75 0.53 0.00	24.14 0.60 0.00	23.56 0.61 0.00	21.28 0.57 0.00	20.00 0.51 0.00	21.79 0.60 0.00	23.86 0.69 0.00	31.77 0.90 0.00	40.51 0.89 0.00	45.63 0.66 0.00	27.36 0.11 0.00	32.99 0.28 0.00	44.43 0.69 0.00	43.45 0.73 0.00	38.51 0.61 0.00	39.57 0.77 0.00
V_E_10_SYNC_DSASP 323830	41.89 2.87 0.00	49.58 3.46 0.00	43.36 2.87 0.00	42.57 2.82 0.00	42.43 2.85 0.00	57.28 3.83 -5.70	85.50 5.84 -9.09	55.75 4.42 0.00	33.43 2.53 -0.68	25.35 1.74 -0.06	24.49 1.51 -0.03	22.11 1.36 -0.03	20.70 1.19 -0.03	22.49 1.24 -0.05	24.49 1.31 0.00	32.80 1.93 0.00	42.65 3.04 0.00	49.02 4.06 0.00	30.10 2.57 -0.28	35.51 2.80 0.00	47.38 3.37 -0.28	46.14 3.26 -0.16	41.68 2.86 -0.91	42.59 2.89 -0.90
V_F_30_NSYNC___DSASP 323816	40.52 1.50 0.00	47.84 1.72 0.00	41.98 1.50 0.00	41.30 1.55 0.00	41.18 1.60 0.00	49.68 1.94 0.00	73.47 2.90 0.00	53.47 2.13 0.00	31.36 1.14 0.00	24.34 0.79 0.00	23.66 0.71 0.00	21.25 0.53 0.00	19.99 0.51 0.00	21.76 0.56 0.00	23.86 0.68 0.00	32.02 1.16 0.00	41.43 1.81 0.00	47.29 2.32 0.00	28.82 1.56 0.00	34.47 1.75 0.00	45.82 2.08 0.00	44.72 2.00 0.00	39.63 1.72 0.00	40.45 1.65 0.00
V_F_30_SYNC_DSASP 323786	39.46 0.44 0.00	46.58 0.47 0.00	40.91 0.43 0.00	40.25 0.51 0.00	40.13 0.55 0.00	48.40 0.66 0.00	71.52 0.96 0.00	52.03 0.69 0.00	30.63 0.41 0.00	23.83 0.29 0.00	23.28 0.33 0.00	20.93 0.22 0.00	19.70 0.21 0.00	21.45 0.25 0.00	23.47 0.29 0.00	31.26 0.40 0.00	40.28 0.66 0.00	45.90 0.93 0.00	28.01 0.76 0.00	33.45 0.74 0.00	44.51 0.77 0.00	43.51 0.79 0.00	38.60 0.70 0.00	39.43 0.63 0.00
V_XM_10_SYNC_DSASP 323789	41.61 2.59 0.00	49.04 2.93 0.00	43.33 2.84 0.00	42.60 2.85 0.00	42.28 2.70 0.00	50.37 2.63 0.00	73.85 3.28 0.00	53.90 2.57 0.00	31.65 1.43 0.00	24.89 1.35 0.00	24.12 1.18 0.00	21.67 0.95 0.00	20.37 0.89 0.00	22.38 1.18 0.00	24.51 1.33 0.00	32.77 1.90 0.00	41.76 2.14 0.00	47.45 2.48 0.00	28.52 1.27 0.00	34.29 1.58 0.00	45.90 2.16 0.00	44.87 2.15 0.00	39.77 1.86 0.00	41.11 2.31 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.26 1.24 0.00	47.52 1.41 0.00	41.64 1.15 0.00	40.99 1.24 0.00	40.98 1.40 0.00	49.42 1.68 0.00	73.05 2.49 0.00	53.35 2.02 0.00	31.53 1.31 0.00	24.44 0.90 0.00	23.83 0.89 0.00	21.50 0.78 0.00	20.21 0.73 0.00	21.93 0.73 0.00	24.00 0.83 0.00	32.06 1.20 0.00	41.14 1.52 0.00	47.02 2.05 0.00	28.80 1.55 0.00	34.36 1.65 0.00	45.60 1.86 0.00	44.51 1.79 0.00	39.57 1.67 0.00	40.42 1.62 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.30 1.28 0.00	47.53 1.41 0.00	41.69 1.21 0.00	41.09 1.34 0.00	41.10 1.53 0.00	49.50 1.76 0.00	73.17 2.60 0.00	53.49 2.15 0.00	31.68 1.46 0.00	24.57 1.03 0.00	24.00 1.05 0.00	21.66 0.94 0.00	20.38 0.90 0.00	22.09 0.88 0.00	24.14 0.97 0.00	32.22 1.36 0.00	41.31 1.70 0.00	47.17 2.20 0.00	28.95 1.70 0.00	34.52 1.81 0.00	45.71 1.97 0.00	44.68 1.95 0.00	39.76 1.86 0.00	40.58 1.78 0.00
W50THST__13_KV_LOAD 356117	40.47 1.45 0.00	47.73 1.62 0.00	41.88 1.39 0.00	41.28 1.53 0.00	41.30 1.72 0.00	49.74 2.00 0.00	73.53 2.97 0.00	53.76 2.42 0.00	31.85 1.63 0.00	24.71 1.17 0.00	24.14 1.19 0.00	21.79 1.07 0.00	20.51 1.03 0.00	22.22 1.02 0.00	24.29 1.12 0.00	32.39 1.53 0.00	41.53 1.91 0.00	47.41 2.45 0.00	29.15 1.90 0.00	34.75 2.03 0.00	45.98 2.24 0.00	44.95 2.23 0.00	39.99 2.08 0.00	40.80 2.00 0.00
WADING RIVER_IC_1 23522	40.99 1.96 0.00	48.90 2.79 0.00	42.94 2.45 0.00	42.36 2.61 0.00	42.39 2.81 0.00	51.21 3.46 0.00	75.49 4.93 0.00	58.95 3.81 -3.80	32.12 1.90 0.00	24.85 1.31 0.00	24.49 1.54 0.00	22.14 1.42 0.00	20.78 1.30 0.00	22.55 1.34 0.00	25.85 1.69 -0.99	46.41 2.34 -13.21	107.60 3.07 -64.92	51.47 3.59 -2.91	53.00 2.41 -23.34	36.45 2.81 -0.93	46.92 3.18 0.00	45.51 2.79 0.00	44.20 2.98 -3.31	41.80 3.00 0.00
WADING RIVER_IC_2 23547	40.99 1.96 0.00	48.90 2.79 0.00	42.94 2.45 0.00	42.36 2.61 0.00	42.39 2.81 0.00	51.21 3.46 0.00	75.49 4.93 0.00	58.95 3.81 -3.80	32.12 1.90 0.00	24.85 1.31 0.00	24.49 1.54 0.00	22.14 1.42 0.00	20.78 1.30 0.00	22.55 1.34 0.00	25.85 1.69 -0.99	46.41 2.34 -13.21	107.60 3.07 -64.92	51.47 3.59 -2.91	53.00 2.41 -23.34	36.45 2.81 -0.93	46.92 3.18 0.00	45.51 2.79 0.00	44.20 2.98 -3.31	41.80 3.00 0.00
WADING RIVER_IC_3 23601	40.99 1.96 0.00	48.90 2.79 0.00	42.94 2.45 0.00	42.36 2.61 0.00	42.39 2.81 0.00	51.21 3.46 0.00	75.49 4.93 0.00	58.95 3.81 -3.80	32.12 1.90 0.00	24.85 1.31 0.00	24.49 1.54 0.00	22.14 1.42 0.00	20.78 1.30 0.00	22.55 1.34 0.00	25.85 1.69 -0.99	46.41 2.34 -13.21	107.60 3.07 -64.92	51.47 3.59 -2.91	53.00 2.41 -23.34	36.45 2.81 -0.93	46.92 3.18 0.00	45.51 2.79 0.00	44.20 2.98 -3.31	41.80 3.00 0.00

WALDENNY_12_KV_BK2 80841	36.27 -2.76 0.00	43.06 -3.06 0.00	37.56 -2.93 0.00	36.86 -2.89 0.00	36.80 -2.78 0.00	45.13 -2.61 0.00	66.57 -3.99 0.00	47.04 -4.29 0.00	27.83 -2.39 0.00	21.83 -1.71 0.00	21.32 -1.63 0.00	19.42 -1.30 0.00	18.29 -1.19 0.00	20.00 -1.20 0.00	21.78 -1.39 0.00	28.75 -2.12 0.00	36.29 -3.33 0.00	41.16 -3.80 0.00	25.04 -2.22 0.00	29.89 -2.83 0.00	39.63 -4.11 0.00	38.78 -3.94 0.00	34.53 -3.38 0.00	35.95 -2.85 0.00
WALDEN___HYDRO 24148	40.42 1.40 0.00	47.72 1.60 0.00	41.82 1.33 0.00	41.16 1.41 0.00	41.12 1.54 0.00	49.61 1.87 0.00	73.49 2.93 0.00	53.66 2.32 0.00	31.66 1.44 0.00	24.49 0.95 0.00	23.82 0.87 0.00	21.45 0.73 0.00	20.15 0.67 0.00	21.86 0.66 0.00	23.94 0.77 0.00	32.03 1.17 0.00	41.32 1.70 0.00	47.37 2.41 0.00	29.00 1.75 0.00	34.63 1.92 0.00	45.94 2.20 0.00	44.81 2.09 0.00	39.81 1.91 0.00	40.56 1.76 0.00
WARRENSBURG___ 23737	40.54 1.52 0.00	47.87 1.75 0.00	42.00 1.52 0.00	41.32 1.57 0.00	41.18 1.61 0.00	49.67 1.92 0.00	73.40 2.84 0.00	53.44 2.10 0.00	31.32 1.10 0.00	24.35 0.80 0.00	23.65 0.71 0.00	21.18 0.46 0.00	19.92 0.44 0.00	21.68 0.48 0.00	23.81 0.64 0.00	32.07 1.20 0.00	41.61 1.99 0.00	47.49 2.53 0.00	29.01 1.75 0.00	34.69 1.97 0.00	46.06 2.32 0.00	44.89 2.17 0.00	39.73 1.83 0.00	40.51 1.71 0.00
WATERSIDE___6 8 9 23538	40.36 1.34 0.00	47.63 1.51 0.00	41.84 1.35 0.00	41.22 1.47 0.00	41.23 1.65 0.00	49.63 1.89 0.00	73.40 2.84 0.00	53.69 2.35 0.00	31.78 1.56 0.00	24.66 1.11 0.00	24.08 1.14 0.00	21.73 1.01 0.00	20.45 0.97 0.00	22.16 0.96 0.00	24.20 1.03 0.00	32.28 1.41 0.00	41.38 1.76 0.00	47.24 2.28 0.00	28.98 1.73 0.00	34.55 1.83 0.00	45.78 2.04 0.00	43.05 2.03 0.00	36.42 1.91 0.00	40.64 1.84 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.04 0.02 0.00	46.10 -0.01 0.00	40.45 -0.04 0.00	39.75 0.01 0.00	39.67 0.09 0.00	47.86 0.11 0.00	70.85 0.28 0.00	51.56 0.23 0.00	30.32 0.10 0.00	23.51 -0.03 0.00	22.85 -0.09 0.00	20.57 -0.15 0.00	19.36 -0.12 0.00	21.06 -0.14 0.00	23.04 -0.13 0.00	30.81 -0.06 0.00	39.75 0.13 0.00	45.44 0.47 0.00	27.70 0.45 0.00	33.18 0.46 0.00	44.13 0.40 0.00	43.08 0.36 0.00	38.21 0.30 0.00	39.00 0.20 0.00
WATSON___69_KV_BK 1 55734	41.57 2.55 0.00	49.32 3.20 0.00	43.26 2.77 0.00	42.61 2.86 0.00	42.60 3.02 0.00	51.35 3.61 0.00	75.60 5.04 0.00	59.05 3.91 -3.80	32.53 2.31 0.00	25.19 1.65 0.00	24.62 1.67 0.00	22.22 1.50 0.00	20.86 1.39 0.00	22.63 1.43 0.00	25.93 1.77 -0.99	46.54 2.46 -13.21	107.80 3.27 -64.92	51.91 4.04 -2.91	53.37 2.78 -23.34	36.82 3.18 -0.93	47.50 3.76 0.00	46.21 3.49 0.00	44.56 3.34 -3.31	42.06 3.26 0.00
WDELAWARE___HYD 323627	40.02 1.00 0.00	47.25 1.14 0.00	41.38 0.89 0.00	40.44 0.70 0.00	40.41 0.83 0.00	48.76 1.02 0.00	72.21 1.65 0.00	52.77 1.43 0.00	31.11 0.89 0.00	24.04 0.50 0.00	23.33 0.39 0.00	21.01 0.30 0.00	19.72 0.24 0.00	21.37 0.17 0.00	23.43 0.26 0.00	31.40 0.53 0.00	40.53 0.92 0.00	46.51 1.54 0.00	28.46 1.21 0.00	34.01 1.29 0.00	45.12 1.38 0.00	44.00 1.27 0.00	39.06 1.15 0.00	39.84 1.04 0.00
WEST BABYLON___IC 23714	41.45 2.43 0.00	49.11 2.99 0.00	43.08 2.59 0.00	42.43 2.68 0.00	42.41 2.83 0.00	51.09 3.35 0.00	75.21 4.64 0.00	58.79 3.65 -3.80	32.43 2.22 0.00	25.11 1.57 0.00	24.52 1.58 0.00	22.13 1.42 0.00	20.79 1.31 0.00	22.56 1.36 0.00	25.83 1.67 -0.99	46.40 2.33 -13.21	107.60 3.07 -64.92	51.70 3.82 -2.91	53.26 2.67 -23.34	36.66 3.02 -0.93	47.31 3.57 0.00	46.07 3.35 0.00	44.39 3.17 -3.31	41.89 3.09 0.00
WEST CANADA___HYD 24049	38.98 -0.04 0.00	46.07 -0.04 0.00	40.41 -0.08 0.00	39.70 -0.05 0.00	39.54 -0.04 0.00	47.70 -0.05 0.00	70.53 -0.04 0.00	51.32 -0.01 0.00	30.22 0.00 0.00	23.51 -0.03 0.00	22.90 -0.04 0.00	20.67 -0.04 0.00	19.44 -0.04 0.00	21.15 -0.05 0.00	23.11 -0.06 0.00	30.81 -0.06 0.00	39.59 -0.02 0.00	45.06 0.09 0.00	27.38 0.13 0.00	32.81 0.10 0.00	43.78 0.04 0.00	42.75 0.03 0.00	37.94 0.03 0.00	38.79 -0.01 0.00
WESTERN_NY_WIND 24143	36.84 -2.18 0.00	43.68 -2.44 0.00	38.14 -2.35 0.00	37.41 -2.34 0.00	37.30 -2.28 0.00	45.82 -1.92 0.00	67.66 -2.90 0.00	47.82 -3.51 0.00	28.28 -1.94 0.00	22.05 -1.49 0.00	21.45 -1.49 0.00	19.54 -1.18 0.00	18.40 -1.08 0.00	20.12 -1.08 0.00	21.88 -1.30 0.00	28.95 -1.92 0.00	36.81 -2.81 0.00	42.02 -2.95 0.00	25.59 -1.66 0.00	30.53 -2.19 0.00	40.49 -3.25 0.00	39.54 -3.18 0.00	35.13 -2.78 0.00	36.53 -2.27 0.00
WESTOVER___LESR 323668	38.66 -0.36 0.00	45.72 -0.40 0.00	40.02 -0.48 0.00	39.30 -0.45 0.00	39.20 -0.38 0.00	47.32 -0.42 0.00	69.99 -0.57 0.00	50.97 -0.36 0.00	30.01 -0.21 0.00	23.32 -0.22 0.00	22.71 -0.23 0.00	20.51 -0.21 0.00	19.26 -0.22 0.00	20.94 -0.26 0.00	22.89 -0.29 0.00	30.49 -0.38 0.00	39.22 -0.40 0.00	44.75 -0.22 0.00	27.26 0.01 0.00	32.67 -0.04 0.00	43.35 -0.39 0.00	42.28 -0.44 0.00	37.60 -0.30 0.00	38.51 -0.29 0.00
WETHRSFD_WT_PWR 323626	35.95 -3.07 0.00	42.68 -3.44 0.00	37.30 -3.19 0.00	36.55 -3.20 0.00	36.54 -3.04 0.00	22.96 -2.86 21.91	30.94 -4.69 34.93	46.67 -4.67 0.00	25.02 -2.60 2.61	21.39 -1.91 0.24	21.03 -1.80 0.11	19.15 -1.46 0.11	18.03 -1.34 0.10	19.66 -1.36 0.18	21.61 -1.56 0.00	28.53 -2.33 0.00	36.00 -3.62 0.00	40.80 -4.17 0.00	23.72 -2.47 1.06	29.54 -3.17 0.00	38.17 -4.49 1.08	37.84 -4.28 0.60	30.73 -3.68 3.50	32.12 -3.22 3.46
WHAVSTOR_138KV_BK127 55557	40.11 1.09 0.00	47.36 1.24 0.00	41.49 1.00 0.00	40.85 1.11 0.00	40.84 1.27 0.00	49.24 1.50 0.00	72.79 2.23 0.00	53.15 1.82 0.00	31.42 1.20 0.00	24.36 0.82 0.00	23.75 0.80 0.00	21.42 0.71 0.00	20.14 0.66 0.00	21.85 0.65 0.00	23.92 0.74 0.00	31.95 1.08 0.00	40.97 1.36 0.00	46.83 1.86 0.00	28.68 1.43 0.00	34.22 1.51 0.00	45.40 1.67 0.00	44.34 1.62 0.00	39.43 1.53 0.00	40.26 1.46 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.11 1.09 0.00	47.36 1.24 0.00	41.49 1.00 0.00	40.85 1.11 0.00	40.84 1.27 0.00	49.24 1.50 0.00	72.79 2.23 0.00	53.15 1.82 0.00	31.42 1.20 0.00	24.36 0.82 0.00	23.75 0.80 0.00	21.42 0.71 0.00	20.14 0.66 0.00	21.85 0.65 0.00	23.92 0.74 0.00	31.95 1.08 0.00	40.97 1.36 0.00	46.83 1.86 0.00	28.68 1.43 0.00	34.22 1.51 0.00	45.40 1.67 0.00	44.34 1.62 0.00	39.43 1.53 0.00	40.26 1.46 0.00
WHITEHAL_115KV_TB1 80871	41.64 2.62 0.00	49.31 3.19 0.00	43.28 2.79 0.00	42.53 2.79 0.00	42.41 2.83 0.00	50.87 3.13 0.00	74.80 4.24 0.00	54.39 3.05 0.00	31.70 1.48 0.00	24.88 1.34 0.00	24.10 1.16 0.00	21.34 0.63 0.00	20.09 0.61 0.00	21.87 0.67 0.00	24.19 1.02 0.00	32.93 2.07 0.00	42.91 3.29 0.00	48.86 3.89 0.00	29.99 2.74 0.00	35.90 3.18 0.00	47.61 3.87 0.00	46.28 3.56 0.00	40.97 3.06 0.00	41.74 2.94 0.00

WHITEPLN_13_KV_LOAD 356215	40.65 1.63 0.00	47.96 1.84 0.00	42.01 1.52 0.00	41.38 1.62 0.00	41.36 1.78 0.00	49.88 2.14 0.00	73.72 3.16 0.00	53.84 2.51 0.00	31.85 1.63 0.00	24.70 1.16 0.00	24.09 1.14 0.00	21.73 1.01 0.00	20.44 0.95 0.00	22.17 0.97 0.00	24.27 1.10 0.00	32.42 1.55 0.00	41.60 1.99 0.00	47.56 2.60 0.00	29.14 1.89 0.00	34.78 2.07 0.00	46.10 2.36 0.00	45.01 2.29 0.00	40.02 2.11 0.00	40.85 2.05 0.00
WM_FLOYD_69_KV_BK2 356380	41.19 2.17 0.00	49.01 2.89 0.00	43.01 2.52 0.00	42.41 2.66 0.00	42.43 2.85 0.00	51.22 3.47 0.00	75.40 4.83 0.00	58.93 3.79 -3.80	32.24 2.02 0.00	24.93 1.39 0.00	24.47 1.52 0.00	22.11 1.40 0.00	20.75 1.27 0.00	22.52 1.32 0.00	25.81 1.65 -0.99	46.37 2.30 -13.21	107.63 3.10 -64.92	51.63 3.76 -2.91	53.15 2.56 -23.34	36.57 2.93 -0.93	47.11 3.38 0.00	45.76 3.03 0.00	44.29 3.07 -3.31	41.86 3.06 0.00
WOODARD__115KV_TB2 355635	38.06 -0.96 0.00	44.97 -1.15 0.00	39.38 -1.11 0.00	38.60 -1.16 0.00	38.44 -1.14 0.00	46.44 -1.31 0.00	68.65 -1.91 0.00	49.89 -1.44 0.00	29.41 -0.81 0.00	22.91 -0.63 0.00	22.31 -0.64 0.00	20.19 -0.52 0.00	18.99 -0.49 0.00	20.66 -0.54 0.00	22.54 -0.63 0.00	29.99 -0.88 0.00	38.50 -1.12 0.00	43.86 -1.10 0.00	26.68 -0.57 0.00	31.96 -0.75 0.00	42.53 -1.20 0.00	41.51 -1.21 0.00	36.81 -1.09 0.00	37.68 -1.12 0.00
YORK___WARBASSE 23770	40.54 1.52 0.00	47.86 1.74 0.00	42.11 1.62 0.00	41.47 1.71 0.00	41.51 1.94 0.00	49.95 2.21 0.00	73.84 3.28 0.00	54.03 2.70 0.00	31.98 1.76 0.00	24.81 1.27 0.00	24.24 1.29 0.00	21.86 1.14 0.00	20.56 1.08 0.00	22.28 1.08 0.00	24.33 1.16 0.00	32.41 1.54 0.00	41.51 1.90 0.00	47.38 2.42 0.00	29.12 1.87 0.00	34.69 1.98 0.00	45.97 2.24 0.00	53.30 2.23 -8.35	56.69 2.09 -16.70	40.83 2.03 0.00