

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/16/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
59TH STREET_GT_1	41.23	31.20	29.47	29.89	33.94	43.31	48.98	50.57	47.07	62.71	52.99	51.69	51.05	66.01	46.80	39.68	44.70	47.86	51.21	51.86	49.90	50.24	48.45	35.94
24138	2.44	2.14	2.00	2.08	2.39	2.47	3.52	3.73	3.38	2.98	2.81	2.61	2.30	2.11	2.34	3.08	3.62	3.83	4.14	4.27	4.12	3.83	3.63	2.56
	-6.28	0.00	0.00	0.00	-0.71	-9.37	-3.31	-3.80	-1.53	-20.81	-12.70	-15.17	-19.05	-36.65	-14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	43.29	31.19	29.47	29.88	34.35	48.98	50.94	52.81	47.97	69.59	57.20	56.71	56.75	72.25	51.59	39.60	44.62	47.80	51.16	51.84	49.88	50.23	48.42	35.91
24260	2.41	2.13	2.00	2.06	2.37	2.44	3.46	3.66	3.36	2.95	2.79	2.58	2.28	2.08	2.31	3.00	3.55	3.76	4.09	4.24	4.10	3.81	3.60	2.52
	-8.37	0.00	0.00	0.00	-1.13	-15.07	-5.32	-6.11	-2.46	-27.73	-16.91	-20.21	-24.78	-42.90	-19.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	43.29	31.19	29.47	29.88	34.35	48.98	50.94	52.81	47.97	69.59	57.20	56.71	56.75	72.25	51.59	39.60	44.62	47.80	51.16	51.84	49.88	50.23	48.42	35.91
24261	2.41	2.13	2.00	2.06	2.37	2.44	3.46	3.66	3.36	2.95	2.79	2.58	2.28	2.08	2.31	3.00	3.55	3.76	4.09	4.24	4.10	3.81	3.60	2.52
	-8.37	0.00	0.00	0.00	-1.13	-15.07	-5.32	-6.11	-2.46	-27.73	-16.91	-20.21	-24.78	-42.90	-19.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.14	30.57	28.89	29.28	32.43	33.13	44.71	45.39	44.33	40.93	39.21	35.29	30.86	28.48	31.63	38.43	43.39	46.70	50.14	50.91	48.95	49.36	47.24	35.01
24011	1.63	1.51	1.42	1.47	1.58	1.66	2.55	2.35	2.17	2.01	1.72	1.37	1.17	1.22	1.66	1.83	2.31	2.66	3.06	3.31	3.17	2.94	2.42	1.62
	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	34.29	30.73	29.04	29.43	32.56	33.28	45.02	45.67	44.54	41.13	39.40	35.39	30.95	28.58	31.77	38.56	43.63	46.99	50.52	51.35	49.37	49.69	47.46	35.13
23798	1.77	1.67	1.57	1.61	1.71	1.81	2.86	2.63	2.38	2.21	1.91	1.47	1.26	1.33	1.81	1.96	2.56	2.95	3.44	3.76	3.58	3.28	2.64	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.14	30.57	28.89	29.28	32.43	33.13	44.71	45.39	44.															

ALBANY___2 23572	32.97 0.45 0.00	29.52 0.46 0.00	27.91 0.44 0.00	28.28 0.47 0.00	31.32 0.48 0.00	31.94 0.47 0.00	42.66 0.50 0.00	43.18 0.14 0.00	42.37 0.21 0.00	39.15 0.23 0.00	37.49 0.00 0.00	34.00 0.08 0.00	29.89 0.20 0.00	27.48 0.23 0.00	30.07 0.10 0.00	36.85 0.25 0.00	41.44 0.36 0.00	44.49 0.45 0.00	47.66 0.59 0.00	48.33 0.73 0.00	46.49 0.71 0.00	47.01 0.59 0.00	45.24 0.42 0.00	33.71 0.33 0.00
ALBANY___3 23573	32.97 0.45 0.00	29.52 0.46 0.00	27.91 0.44 0.00	28.28 0.47 0.00	31.32 0.48 0.00	31.94 0.47 0.00	42.66 0.50 0.00	43.18 0.14 0.00	42.37 0.21 0.00	39.15 0.23 0.00	37.49 0.00 0.00	34.00 0.08 0.00	29.89 0.20 0.00	27.48 0.23 0.00	30.07 0.10 0.00	36.85 0.25 0.00	41.44 0.36 0.00	44.49 0.45 0.00	47.66 0.59 0.00	48.33 0.73 0.00	46.49 0.71 0.00	47.01 0.59 0.00	45.24 0.42 0.00	33.71 0.33 0.00
ALBANY___4 23574	32.97 0.45 0.00	29.52 0.46 0.00	27.91 0.44 0.00	28.28 0.47 0.00	31.32 0.48 0.00	31.94 0.47 0.00	42.66 0.50 0.00	43.18 0.14 0.00	42.37 0.21 0.00	39.15 0.23 0.00	37.49 0.00 0.00	34.00 0.08 0.00	29.89 0.20 0.00	27.48 0.23 0.00	30.07 0.10 0.00	36.85 0.25 0.00	41.44 0.36 0.00	44.49 0.45 0.00	47.66 0.59 0.00	48.33 0.73 0.00	46.49 0.71 0.00	47.01 0.59 0.00	45.24 0.42 0.00	33.71 0.33 0.00
ALBANY___LFGE 323615	33.33 0.82 0.00	29.85 0.79 0.00	28.21 0.74 0.00	28.59 0.78 0.00	31.67 0.82 0.00	32.31 0.83 0.00	43.21 1.05 0.00	43.72 0.68 0.00	42.89 0.74 0.00	39.65 0.74 0.00	37.97 0.48 0.00	34.42 0.49 0.00	30.23 0.54 0.00	27.81 0.55 0.00	30.40 0.44 0.00	37.34 0.74 0.00	42.02 0.94 0.00	45.10 1.07 0.00	48.28 1.20 0.00	48.91 1.30 0.00	47.03 1.25 0.00	47.55 1.13 0.00	45.74 0.92 0.00	34.06 0.68 0.00
ALCOA_PA_115KV_PL-6C 55860	32.50 -0.01 0.00	29.01 -0.04 0.00	27.40 -0.07 0.00	27.69 -0.12 0.00	30.69 -0.16 0.00	31.86 -0.10 -0.49	42.25 -0.08 -0.18	44.84 -0.13 -1.94	44.43 -0.04 -2.31	41.12 0.01 -2.19	39.71 0.08 -2.14	35.99 0.05 -2.02	31.49 -0.06 -1.86	28.97 -0.06 -1.77	31.78 -0.05 -1.87	38.61 -0.10 -2.11	43.13 -0.22 -2.27	44.61 -0.17 -0.75	46.72 -0.36 0.00	47.08 -0.52 0.00	45.21 -0.57 0.00	46.50 -0.33 -0.41	47.39 0.16 -2.41	34.07 0.20 -0.49
ALCOA_RYNLDS___DRP 24188	32.50 -0.01 0.00	29.01 -0.04 0.00	27.40 -0.07 0.00	27.69 -0.12 0.00	30.69 -0.16 0.00	31.86 -0.10 -0.49	42.25 -0.08 -0.18	44.84 -0.13 -1.94	44.43 -0.04 -2.31	41.12 0.01 -2.19	39.71 0.08 -2.14	35.99 0.05 -2.02	31.49 -0.06 -1.86	28.97 -0.06 -1.77	31.78 -0.05 -1.87	38.61 -0.10 -2.11	43.13 -0.22 -2.27	44.61 -0.17 -0.75	46.72 -0.36 0.00	47.08 -0.52 0.00	45.21 -0.57 0.00	46.50 -0.33 -0.41	47.39 0.16 -2.41	34.07 0.20 -0.49
ALCOA___DSASP 323711	32.50 -0.01 0.00	29.01 -0.04 0.00	27.40 -0.06 0.00	27.69 -0.12 0.00	30.69 -0.16 0.00	31.86 -0.10 -0.49	42.25 -0.08 -0.18	44.84 -0.14 -1.94	44.43 -0.04 -2.31	41.12 0.01 -2.19	39.71 0.08 -2.14	35.98 0.05 -2.02	31.50 -0.06 -1.86	28.97 -0.06 -1.77	31.78 -0.05 -1.87	38.61 -0.10 -2.11	43.13 -0.22 -2.27	44.61 -0.17 -0.75	46.72 -0.36 0.00	47.08 -0.51 0.00	45.21 -0.57 0.00	46.50 -0.32 -0.41	47.39 0.16 -2.41	34.07 0.20 -0.49
ALLEGHENY___COGEN 23514	32.24 -0.27 0.00	28.80 -0.26 0.00	27.25 -0.23 -0.01	27.73 -0.32 -0.24	30.78 -0.07 0.00	31.57 0.09 0.00	42.44 0.28 0.00	49.24 0.72 -5.48	46.27 0.69 -3.42	39.47 0.55 0.00	37.89 0.40 0.00	33.87 -0.05 0.00	29.59 -0.10 0.00	27.14 -0.12 0.00	29.71 -0.26 0.00	36.68 0.08 0.00	41.20 0.12 0.00	43.88 -0.15 0.00	48.92 -0.06 -1.90	47.63 0.03 0.00	46.22 0.43 0.00	47.11 0.69 0.00	45.56 0.74 0.00	34.01 0.62 0.00
ALTAMONT_115KV_TB 2 55880	33.28 0.77 0.00	29.77 0.71 0.00	28.14 0.68 0.00	28.52 0.72 0.00	31.61 0.77 0.00	32.25 0.78 0.00	43.19 1.03 0.00	43.91 0.87 0.00	43.00 0.84 0.00	39.67 0.76 0.00	38.10 0.61 0.00	34.50 0.58 0.00	30.25 0.55 0.00	27.79 0.53 0.00	30.51 0.55 0.00	37.31 0.71 0.00	41.96 0.89 0.00	45.04 1.01 0.00	48.24 1.17 0.00	48.86 1.27 0.00	47.01 1.23 0.00	47.56 1.15 0.00	45.80 0.98 0.00	34.08 0.69 0.00
ALTONA_WT_PWR 323606	31.88 -0.64 0.00	28.38 -0.68 0.00	26.68 -0.79 0.00	26.99 -0.82 0.00	29.89 -0.96 0.00	17.43 -1.07 12.97	36.03 -1.39 4.73	-10.46 -1.52 51.99	-21.08 -1.34 61.90	-21.06 -1.27 58.70	-21.08 -1.15 57.42	-21.11 -0.99 54.04	-21.08 -0.98 49.79	-21.06 -0.91 47.41	-21.08 -0.93 50.11	-21.08 -1.16 56.51	-21.02 -1.36 60.74	22.78 -1.29 19.96	45.76 -1.32 0.00	46.14 -1.46 0.00	44.21 -1.58 0.00	33.91 -1.54 10.96	-21.03 -1.34 64.52	19.28 -0.96 13.15
AMERICAN_REF_FUEL 24010	29.77 -2.74 0.00	26.61 -2.45 0.00	25.26 -2.21 0.00	25.32 -2.42 0.06	28.57 -2.28 0.00	29.33 -2.14 0.00	38.91 -3.25 0.00	38.54 -3.07 1.43	38.30 -2.95 0.91	36.49 -2.43 0.00	35.95 -1.54 0.00	32.25 -1.67 0.00	28.01 -1.68 0.00	25.70 -1.55 0.00	28.29 -1.67 0.00	34.56 -2.04 0.00	38.19 -2.88 0.00	40.51 -3.52 0.00	42.42 -4.15 0.50	43.29 -4.31 0.00	41.83 -3.96 0.00	42.81 -3.61 0.00	41.94 -2.88 0.00	31.55 -1.83 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.62 -1.89 0.00	27.16 -1.89 0.00	25.91 -1.56 0.00	26.22 -1.53 0.06	29.56 -1.29 0.00	30.43 -1.05 0.00	40.67 -1.49 0.00	41.05 -0.69 1.30	40.42 -0.93 0.81	38.05 -0.87 0.00	37.44 -0.05 0.00	33.48 -0.44 0.00	29.16 -0.54 0.00	26.58 -0.67 0.00	29.14 -0.83 0.00	35.68 -0.92 0.00	40.01 -1.06 0.00	42.56 -1.47 0.00	45.25 -1.38 0.45	45.79 -1.81 0.00	44.22 -1.57 0.00	45.50 -0.92 0.00	44.93 0.11 0.00	33.86 0.48 0.00
ARTHUR KILL_GT_1 23520	45.11 2.28 -10.32	31.04 1.97 -0.01	29.32 1.85 -0.01	29.75 1.93 -0.01	34.23 2.25 -1.13	48.75 2.21 -15.07	50.39 3.08 -5.14	52.35 3.34 -5.97	50.94 3.33 -5.45	66.57 2.57 -25.09	54.71 2.30 -14.92	56.03 2.21 -19.91	56.47 2.00 -24.78	72.01 1.85 -42.90	54.90 2.20 -22.74	51.45 3.00 -11.85	48.72 3.19 -4.46	49.30 3.45 -1.81	50.98 3.83 -0.08	51.53 3.94 0.00	49.97 3.90 -0.28	51.52 3.59 -1.51	50.75 3.56 -2.37	50.35 2.46 -14.50
ARTHUR_KILL_2 23512	45.03 2.19 -10.32	30.98 1.91 -0.01	29.25 1.78 -0.01	29.68 1.86 -0.01	34.15 2.17 -1.13	48.67 2.12 -15.07	50.26 2.96 -5.14	52.23 3.22 -5.97	50.82 3.21 -5.45	66.47 2.47 -25.09	54.61 2.21 -14.92	55.95 2.12 -19.91	56.39 1.92 -24.78	71.94 1.78 -42.90	54.82 2.12 -22.74	51.37 2.92 -11.85	48.61 3.08 -4.46	49.17 3.33 -1.81	50.85 3.69 -0.08	51.39 3.79 0.00	49.83 3.77 -0.28	51.38 3.45 -1.51	50.63 3.44 -2.37	50.26 2.37 -14.50
ARTHUR_KILL_3 23513	41.98 2.09 -7.38	30.90 1.85 0.00	29.19 1.73 0.00	29.60 1.79 0.00	33.86 2.08 -0.93	45.99 2.15 -12.37	49.56 3.03 -4.37	51.19 3.13 -5.02	46.93 2.75 -2.01	65.79 2.43 -24.45	54.66 2.26 -14.92	53.83 2.10 -17.82	53.60 1.84 -22.06	60.53 1.66 -31.61	44.61 1.87 -12.78	39.13 2.53 0.00	47.31 3.07 -3.17	47.29 3.25 0.00	50.60 3.53 0.00	51.25 3.65 0.00	49.32 3.54 0.00	49.78 3.27 -0.10	50.40 3.27 -2.31	42.99 2.26 -7.35

ARTHUR_KILL_COGEN 323718	45.11 2.28 -10.32	31.04 1.97 -0.01	29.32 1.85 -0.01	29.75 1.93 -0.01	34.23 2.25 -1.13	48.75 2.21 -15.07	50.39 3.08 -5.14	52.35 3.34 -5.97	50.94 3.33 -5.45	66.57 2.57 -25.09	54.71 2.30 -14.92	56.03 2.21 -19.91	56.47 2.00 -24.78	72.01 1.85 -42.90	54.90 2.20 -22.74	51.45 3.00 -11.85	48.72 3.19 -4.46	49.30 3.45 -1.81	50.98 3.83 -0.08	51.53 3.94 0.00	49.97 3.90 -0.28	51.52 3.59 -1.51	50.75 3.56 -2.37	50.35 2.46 -14.50
ASHOKAN____ 23654	34.17 1.66 0.00	30.54 1.48 0.00	28.86 1.39 0.00	29.26 1.45 0.00	32.48 1.63 0.00	33.19 1.72 0.00	44.60 2.44 0.00	45.48 2.44 0.00	44.55 2.39 0.00	41.09 2.18 0.00	39.44 1.95 0.00	35.64 1.72 0.00	31.02 1.32 0.00	28.41 1.16 0.00	31.16 1.19 0.00	38.03 1.43 0.00	42.92 1.84 0.00	46.40 2.37 0.00	50.04 2.96 0.00	50.80 3.20 0.00	48.90 3.13 0.00	49.37 2.95 0.00	47.41 2.59 0.00	35.18 1.80 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.88 -0.01	29.78 1.96 -0.01	34.03 2.25 -0.94	46.11 2.26 -12.37	49.66 3.12 -4.37	51.47 3.40 -5.02	47.34 3.16 -2.02	65.89 2.52 -24.45	54.91 2.50 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.38 2.79 0.01	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.01	51.53 3.94 0.00	49.58 3.80 0.00	49.92 3.51 0.00	48.20 3.39 0.00	37.50 2.36 -1.76
ASTORIA_EAST_ENERGY_CC2 323582	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.88 -0.01	29.78 1.96 -0.01	34.03 2.25 -0.94	46.11 2.26 -12.37	49.66 3.12 -4.37	51.47 3.40 -5.02	47.34 3.16 -2.02	65.89 2.52 -24.45	54.91 2.50 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.38 2.79 0.01	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.01	51.53 3.94 0.00	49.58 3.80 0.00	49.92 3.51 0.00	48.20 3.39 0.00	37.50 2.36 -1.76
ASTORIA_GT2_1 24094	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.89 -0.01	29.78 1.97 -0.01	34.04 2.25 -0.94	46.11 2.27 -12.37	49.81 3.27 -4.37	51.50 3.44 -5.02	47.34 3.16 -2.02	66.06 2.69 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.39 2.79 0.00	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.00	51.53 3.93 0.00	49.58 3.80 0.00	49.92 3.50 0.00	48.20 3.38 0.00	37.51 2.36 -1.76
ASTORIA_GT2_2 24095	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.89 -0.01	29.78 1.97 -0.01	34.04 2.25 -0.94	46.11 2.27 -12.37	49.81 3.27 -4.37	51.50 3.44 -5.02	47.34 3.16 -2.02	66.06 2.69 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.39 2.79 0.00	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.00	51.53 3.93 0.00	49.58 3.80 0.00	49.92 3.50 0.00	48.20 3.38 0.00	37.51 2.36 -1.76
ASTORIA_GT2_3 24096	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.89 -0.01	29.78 1.97 -0.01	34.04 2.25 -0.94	46.11 2.27 -12.37	49.81 3.27 -4.37	51.50 3.44 -5.02	47.34 3.16 -2.02	66.06 2.69 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.39 2.79 0.00	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.00	51.53 3.93 0.00	49.58 3.80 0.00	49.92 3.50 0.00	48.20 3.38 0.00	37.51 2.36 -1.76
ASTORIA_GT2_4 24097	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.89 -0.01	29.78 1.97 -0.01	34.04 2.25 -0.94	46.11 2.27 -12.37	49.81 3.27 -4.37	51.50 3.44 -5.02	47.34 3.16 -2.02	66.06 2.69 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.39 2.79 0.00	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.00	51.53 3.93 0.00	49.58 3.80 0.00	49.92 3.50 0.00	48.20 3.38 0.00	37.51 2.36 -1.76
ASTORIA_GT3_1 24098	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.89 -0.01	29.78 1.97 -0.01	34.04 2.25 -0.94	46.11 2.27 -12.37	49.81 3.27 -4.37	51.50 3.44 -5.02	47.34 3.16 -2.02	66.06 2.69 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.39 2.79 0.00	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.00	51.53 3.93 0.00	49.58 3.80 0.00	49.92 3.50 0.00	48.20 3.38 0.00	37.51 2.36 -1.76
ASTORIA_GT3_2 24099	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.89 -0.01	29.78 1.97 -0.01	34.04 2.25 -0.94	46.11 2.27 -12.37	49.81 3.27 -4.37	51.50 3.44 -5.02	47.34 3.16 -2.02	66.06 2.69 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.39 2.79 0.00	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.00	51.53 3.93 0.00	49.58 3.80 0.00	49.92 3.50 0.00	48.20 3.38 0.00	37.51 2.36 -1.76
ASTORIA_GT3_3 24100	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.89 -0.01	29.78 1.97 -0.01	34.04 2.25 -0.94	46.11 2.27 -12.37	49.81 3.27 -4.37	51.50 3.44 -5.02	47.34 3.16 -2.02	66.06 2.69 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.39 2.79 0.00	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.00	51.53 3.93 0.00	49.58 3.80 0.00	49.92 3.50 0.00	48.20 3.38 0.00	37.51 2.36 -1.76
ASTORIA_GT3_4 24101	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.89 -0.01	29.78 1.97 -0.01	34.04 2.25 -0.94	46.11 2.27 -12.37	49.81 3.27 -4.37	51.50 3.44 -5.02	47.34 3.16 -2.02	66.06 2.69 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.39 2.79 0.00	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.00	51.53 3.93 0.00	49.58 3.80 0.00	49.92 3.50 0.00	48.20 3.38 0.00	37.51 2.36 -1.76
ASTORIA_GT4_1 24102	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.89 -0.01	29.78 1.97 -0.01	34.04 2.25 -0.94	46.11 2.27 -12.37	49.81 3.27 -4.37	51.50 3.44 -5.02	47.34 3.16 -2.02	66.06 2.69 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.39 2.79 0.00	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.00	51.53 3.93 0.00	49.58 3.80 0.00	49.92 3.50 0.00	48.20 3.38 0.00	37.51 2.36 -1.76
ASTORIA_GT4_2 24103	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.89 -0.01	29.78 1.97 -0.01	34.04 2.25 -0.94	46.11 2.27 -12.37	49.81 3.27 -4.37	51.50 3.44 -5.02	47.34 3.16 -2.02	66.06 2.69 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.39 2.79 0.00	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.00	51.53 3.93 0.00	49.58 3.80 0.00	49.92 3.50 0.00	48.20 3.38 0.00	37.51 2.36 -1.76
ASTORIA_GT4_3 24104	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.89 -0.01	29.78 1.97 -0.01	34.04 2.25 -0.94	46.11 2.27 -12.37	49.81 3.27 -4.37	51.50 3.44 -5.02	47.34 3.16 -2.02	66.06 2.69 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.39 2.79 0.00	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.00	51.53 3.93 0.00	49.58 3.80 0.00	49.92 3.50 0.00	48.20 3.38 0.00	37.51 2.36 -1.76

ASTORIA_GT4_4 24105	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.89 -0.01	29.78 1.97 -0.01	34.04 2.25 -0.94	46.11 2.27 -12.37	49.81 3.27 -4.37	51.50 3.44 -5.02	47.34 3.16 -2.02	66.06 2.69 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.39 2.79 0.00	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.00	51.53 3.93 0.00	49.58 3.80 0.00	49.92 3.50 0.00	48.20 3.38 0.00	37.51 2.36 -1.76
ASTORIA_GT_1 23523	42.21 2.32 -7.38	31.12 2.05 -0.01	29.40 1.93 -0.01	29.82 2.00 -0.01	34.08 2.30 -0.94	46.15 2.30 -12.37	49.72 3.19 -4.37	51.53 3.46 -5.02	47.41 3.23 -2.02	65.95 2.58 -24.45	54.97 2.56 -14.92	54.15 2.40 -17.82	53.91 2.15 -22.06	69.12 1.95 -39.91	49.18 2.18 -17.04	39.44 2.85 0.01	44.45 3.38 0.01	47.60 3.57 0.01	50.94 3.87 0.01	51.60 4.01 0.00	49.66 3.88 0.00	50.00 3.59 0.00	48.26 3.44 0.00	37.56 2.41 -1.76
ASTORIA_GT_10 24110	43.20 2.32 -8.37	31.12 2.05 -0.01	29.40 1.93 -0.01	29.81 2.00 -0.01	34.27 2.29 -1.13	48.86 2.32 -15.07	50.77 3.29 -5.32	52.60 3.44 -6.11	47.79 3.17 -2.46	69.34 2.70 -27.73	56.94 2.54 -16.91	56.49 2.36 -20.21	56.56 2.10 -24.78	72.07 1.91 -42.90	51.44 2.16 -19.32	41.97 2.87 -2.50	51.59 3.41 -7.11	50.75 3.59 -3.12	51.06 3.90 -0.08	51.63 4.03 0.00	50.00 3.93 -0.28	51.19 3.63 -1.14	48.46 3.48 -0.15	43.40 2.45 -7.56
ASTORIA_GT_11 24225	43.20 2.32 -8.37	31.12 2.05 -0.01	29.40 1.93 -0.01	29.81 2.00 -0.01	34.27 2.29 -1.13	48.86 2.32 -15.07	50.77 3.29 -5.32	52.60 3.44 -6.11	47.79 3.17 -2.46	69.34 2.70 -27.73	56.94 2.54 -16.91	56.49 2.36 -20.21	56.56 2.10 -24.78	72.07 1.91 -42.90	51.44 2.16 -19.32	41.97 2.87 -2.50	51.59 3.41 -7.11	50.75 3.59 -3.12	51.06 3.90 -0.08	51.63 4.03 0.00	50.00 3.93 -0.28	51.19 3.63 -1.14	48.46 3.48 -0.15	43.40 2.45 -7.56
ASTORIA_GT_12 24226	43.20 2.32 -8.37	31.12 2.05 -0.01	29.40 1.93 -0.01	29.81 2.00 -0.01	34.27 2.29 -1.13	48.86 2.32 -15.07	50.77 3.29 -5.32	52.60 3.44 -6.11	47.79 3.17 -2.46	69.34 2.70 -27.73	56.94 2.54 -16.91	56.49 2.36 -20.21	56.56 2.10 -24.78	72.07 1.91 -42.90	51.44 2.16 -19.32	41.97 2.87 -2.50	51.59 3.41 -7.11	50.75 3.59 -3.12	51.06 3.90 -0.08	51.63 4.03 0.00	50.00 3.93 -0.28	51.19 3.63 -1.14	48.46 3.48 -0.15	43.40 2.45 -7.56
ASTORIA_GT_13 24227	43.20 2.32 -8.37	31.12 2.05 -0.01	29.40 1.93 -0.01	29.81 2.00 -0.01	34.27 2.29 -1.13	48.86 2.32 -15.07	50.77 3.29 -5.32	52.60 3.44 -6.11	47.79 3.17 -2.46	69.34 2.70 -27.73	56.94 2.54 -16.91	56.49 2.36 -20.21	56.56 2.10 -24.78	72.07 1.91 -42.90	51.44 2.16 -19.32	41.97 2.87 -2.50	51.59 3.41 -7.11	50.75 3.59 -3.12	51.06 3.90 -0.08	51.63 4.03 0.00	50.00 3.93 -0.28	51.19 3.63 -1.14	48.46 3.48 -0.15	43.40 2.45 -7.56
ASTORIA_GT_5 24106	42.21 2.32 -7.38	31.11 2.05 -0.01	29.40 1.92 -0.01	29.82 2.00 -0.01	34.09 2.30 -0.94	46.16 2.31 -12.37	49.87 3.33 -4.37	51.57 3.50 -5.02	47.41 3.23 -2.02	66.12 2.75 -24.45	55.01 2.60 -14.92	54.15 2.41 -17.82	53.91 2.15 -22.06	69.13 1.96 -39.91	49.18 2.18 -17.04	39.44 2.84 0.00	44.45 3.38 0.01	47.60 3.57 0.01	50.94 3.87 0.00	51.61 4.01 0.00	49.66 3.88 0.00	50.01 3.59 0.00	48.27 3.45 0.00	37.55 2.40 -1.76
ASTORIA_GT_7 24107	42.21 2.32 -7.38	31.11 2.05 -0.01	29.40 1.92 -0.01	29.82 2.00 -0.01	34.09 2.30 -0.94	46.16 2.31 -12.37	49.87 3.33 -4.37	51.57 3.50 -5.02	47.41 3.23 -2.02	66.12 2.75 -24.45	55.01 2.60 -14.92	54.15 2.41 -17.82	53.91 2.15 -22.06	69.13 1.96 -39.91	49.18 2.18 -17.04	39.44 2.84 0.00	44.45 3.38 0.01	47.60 3.57 0.01	50.94 3.87 0.00	51.61 4.01 0.00	49.66 3.88 0.00	50.01 3.59 0.00	48.27 3.45 0.00	37.55 2.40 -1.76
ASTORIA_GT_8 24108	42.21 2.32 -7.38	31.11 2.05 -0.01	29.40 1.92 -0.01	29.82 2.00 -0.01	34.09 2.30 -0.94	46.16 2.31 -12.37	49.87 3.33 -4.37	51.57 3.50 -5.02	47.41 3.23 -2.02	66.12 2.75 -24.45	55.01 2.60 -14.92	54.15 2.41 -17.82	53.91 2.15 -22.06	69.13 1.96 -39.91	49.18 2.18 -17.04	39.44 2.84 0.00	44.45 3.38 0.01	47.60 3.57 0.01	50.94 3.87 0.00	51.61 4.01 0.00	49.66 3.88 0.00	50.01 3.59 0.00	48.27 3.45 0.00	37.55 2.40 -1.76
ASTORIA___2 24149	42.17 2.28 -7.38	31.08 2.02 -0.01	29.36 1.88 -0.01	29.78 1.96 -0.01	34.03 2.25 -0.94	46.11 2.26 -12.37	49.66 3.12 -4.37	51.47 3.40 -5.02	47.34 3.16 -2.02	65.89 2.52 -24.45	54.91 2.50 -14.92	54.10 2.36 -17.82	53.86 2.10 -22.06	69.08 1.91 -39.91	49.13 2.13 -17.04	39.38 2.79 0.01	44.39 3.32 0.01	47.53 3.50 0.01	50.87 3.80 0.01	51.53 3.94 0.00	49.58 3.80 0.00	49.92 3.51 0.00	48.20 3.39 0.00	37.50 2.36 -1.76
ASTORIA___3 23516	43.21 2.33 -8.37	31.12 2.06 -0.01	29.40 1.93 -0.01	29.81 2.00 -0.01	34.27 2.29 -1.13	48.87 2.33 -15.07	50.74 3.26 -5.32	52.59 3.44 -6.11	47.79 3.17 -2.46	69.30 2.66 -27.73	56.93 2.53 -16.91	56.48 2.36 -20.21	56.56 2.10 -24.78	72.07 1.91 -42.90	51.43 2.15 -19.32	41.97 2.87 -2.50	51.59 3.40 -7.11	50.75 3.59 -3.12	51.05 3.90 -0.08	51.63 4.04 0.00	49.99 3.93 -0.28	51.19 3.63 -1.14	48.45 3.48 -0.15	43.40 2.45 -7.56
ASTORIA___4 23517	43.20 2.32 -8.37	31.12 2.05 -0.01	29.40 1.93 -0.01	29.81 2.00 -0.01	34.27 2.29 -1.13	48.86 2.32 -15.07	50.77 3.29 -5.32	52.60 3.44 -6.11	47.79 3.17 -2.46	69.34 2.70 -27.73	56.94 2.54 -16.91	56.49 2.36 -20.21	56.56 2.10 -24.78	72.07 1.91 -42.90	51.44 2.16 -19.32	41.97 2.87 -2.50	51.59 3.41 -7.11	50.75 3.59 -3.12	51.06 3.90 -0.08	51.63 4.03 0.00	50.00 3.93 -0.28	51.19 3.63 -1.14	48.46 3.48 -0.15	43.40 2.45 -7.56
ASTORIA___5 23518	43.21 2.33 -8.37	31.12 2.06 -0.01	29.40 1.93 -0.01	29.81 2.00 -0.01	34.27 2.29 -1.13	48.87 2.33 -15.07	50.74 3.26 -5.32	52.58 3.43 -6.11	47.79 3.17 -2.46	69.30 2.66 -27.73	56.93 2.53 -16.91	56.48 2.36 -20.21	56.56 2.10 -24.78	72.07 1.91 -42.90	51.43 2.15 -19.32	41.97 2.87 -2.50	51.59 3.40 -7.11	50.75 3.59 -3.12	51.05 3.90 -0.08	51.63 4.03 0.00	49.99 3.93 -0.28	51.19 3.63 -1.14	48.45 3.48 -0.15	43.40 2.45 -7.56
AST_ENERGY_2_CC3 323677	42.11 2.22 -7.38	31.02 1.96 0.00	29.31 1.84 0.00	29.72 1.91 0.00	33.98 2.20 -0.93	46.11 2.27 -12.36	49.74 3.22 -4.37	51.43 3.37 -5.02	47.21 3.04 -2.01	66.03 2.67 -24.45	54.91 2.51 -14.91	54.06 2.32 -17.82	53.80 2.05 -22.06	69.07 1.88 -39.94	49.08 2.08 -17.03	39.34 2.74 0.00	44.33 3.26 0.00	47.49 3.45 0.00	50.84 3.76 0.00	51.51 3.91 0.00	49.57 3.79 0.00	49.93 3.52 0.00	48.16 3.34 0.00	35.73 2.34 0.00
AST_ENERGY_2_CC4 323678	42.11 2.22 -7.38	31.02 1.96 0.00	29.31 1.84 0.00	29.72 1.91 0.00	33.98 2.20 -0.93	46.11 2.27 -12.36	49.74 3.22 -4.37	51.43 3.37 -5.02	47.21 3.04 -2.01	66.03 2.67 -24.45	54.91 2.51 -14.91	54.06 2.32 -17.82	53.80 2.05 -22.06	69.07 1.88 -39.94	49.08 2.08 -17.03	39.34 2.74 0.00	44.33 3.26 0.00	47.49 3.45 0.00	50.84 3.76 0.00	51.51 3.91 0.00	49.57 3.79 0.00	49.93 3.52 0.00	48.16 3.34 0.00	35.73 2.34 0.00

ATHENS_STG_1 23668	33.42 0.91 0.00	29.89 0.83 0.00	28.25 0.78 0.00	28.64 0.83 0.00	31.77 0.92 0.00	32.40 0.93 0.00	43.43 1.27 0.00	44.30 1.26 0.00	43.33 1.17 0.00	39.94 1.03 0.00	38.41 0.92 0.00	34.80 0.88 0.00	30.52 0.82 0.00	28.03 0.77 0.00	30.80 0.84 0.00	37.65 1.05 0.00	42.32 1.24 0.00	45.37 1.33 0.00	48.56 1.48 0.00	49.17 1.57 0.00	47.30 1.51 0.00	47.83 1.41 0.00	46.05 1.23 0.00	34.26 0.87 0.00
ATHENS_STG_2 23670	33.42 0.91 0.00	29.89 0.83 0.00	28.25 0.78 0.00	28.64 0.83 0.00	31.77 0.92 0.00	32.40 0.93 0.00	43.43 1.27 0.00	44.30 1.26 0.00	43.33 1.17 0.00	39.94 1.03 0.00	38.41 0.92 0.00	34.80 0.88 0.00	30.52 0.82 0.00	28.03 0.77 0.00	30.80 0.84 0.00	37.65 1.05 0.00	42.32 1.24 0.00	45.37 1.33 0.00	48.56 1.48 0.00	49.17 1.57 0.00	47.30 1.51 0.00	47.83 1.41 0.00	46.05 1.23 0.00	34.26 0.87 0.00
ATHENS_STG_3 23677	33.42 0.91 0.00	29.89 0.83 0.00	28.25 0.78 0.00	28.64 0.83 0.00	31.77 0.92 0.00	32.40 0.93 0.00	43.43 1.27 0.00	44.30 1.26 0.00	43.33 1.17 0.00	39.94 1.03 0.00	38.41 0.92 0.00	34.80 0.88 0.00	30.52 0.82 0.00	28.03 0.77 0.00	30.80 0.84 0.00	37.65 1.05 0.00	42.32 1.24 0.00	45.37 1.33 0.00	48.56 1.48 0.00	49.17 1.57 0.00	47.30 1.51 0.00	47.83 1.41 0.00	46.05 1.23 0.00	34.26 0.87 0.00
AUBURN___LFGE 323710	32.56 0.05 0.00	29.09 0.04 0.00	27.53 0.07 0.00	27.89 0.08 0.00	30.88 0.03 0.00	31.63 0.16 0.00	42.39 0.23 0.00	43.47 0.43 0.00	42.55 0.40 0.00	39.27 0.36 0.00	37.98 0.49 0.00	34.31 0.40 0.00	30.01 0.31 0.00	27.48 0.22 0.00	30.24 0.27 0.00	36.95 0.35 0.00	41.50 0.42 0.00	44.41 0.37 0.00	47.29 0.21 0.00	47.86 0.26 0.00	46.12 0.34 0.00	46.66 0.25 0.00	45.04 0.22 0.00	33.42 0.04 0.00
BABYLON_RES_REC 323704	34.73 2.48 0.25	31.00 1.94 0.00	29.25 1.78 0.00	29.63 1.82 0.00	32.81 2.03 0.06	32.72 2.13 0.88	45.01 3.16 0.31	46.09 3.40 0.36	44.58 2.56 0.14	40.22 2.37 1.06	39.24 2.40 0.65	35.62 2.47 0.77	32.72 2.14 -0.89	45.63 1.94 -16.43	31.32 2.10 0.74	38.91 2.32 0.00	43.96 2.88 0.00	47.38 3.34 0.00	50.86 3.78 0.00	51.73 4.13 0.00	49.61 3.83 0.00	50.16 3.74 0.00	48.03 3.21 0.00	35.66 2.27 0.00
BABYLON__69_KV_BK2 356345	35.10 2.85 0.26	31.27 2.22 0.00	29.52 2.05 0.00	29.91 2.10 0.00	33.12 2.34 0.06	33.03 2.43 0.88	45.46 3.62 0.31	46.51 3.82 0.36	44.95 2.93 0.14	40.53 2.67 1.06	39.51 2.66 0.65	35.88 2.74 0.77	32.96 2.37 -0.89	45.87 2.17 -16.43	31.55 2.33 0.74	39.22 2.62 0.00	44.28 3.20 0.00	47.79 3.75 0.00	51.35 4.27 0.00	52.24 4.63 0.00	50.10 4.32 0.00	50.67 4.25 0.00	48.51 3.69 0.00	35.96 2.58 0.00
BALL_HILL_WT_PWR 323825	31.00 -1.51 0.00	27.58 -1.48 0.00	26.22 -1.24 0.00	26.48 -1.26 0.07	29.81 -1.04 0.00	30.61 -0.86 0.00	40.84 -1.32 0.00	40.79 -0.64 1.62	40.32 -0.83 1.01	38.12 -0.79 0.00	37.35 -0.14 0.00	33.47 -0.45 0.00	29.18 -0.52 0.00	26.62 -0.64 0.00	29.22 -0.75 0.00	35.79 -0.81 0.00	40.07 -1.00 0.00	42.58 -1.46 0.00	45.06 -1.45 0.57	45.83 -1.77 0.00	44.31 -1.47 0.00	45.40 -1.01 0.00	44.57 -0.25 0.00	33.51 0.13 0.00
BARON_WINDS___WT_PWR 323822	30.84 -1.67 0.00	27.53 -1.53 0.00	26.05 -1.40 0.02	25.94 -1.46 0.41	29.48 -1.37 0.00	30.12 -1.35 0.00	40.28 -1.88 0.00	32.28 -1.45 9.31	34.79 -1.56 5.81	37.40 -1.51 0.00	36.25 -1.24 0.00	32.59 -1.33 0.00	28.50 -1.20 0.00	26.06 -1.20 0.00	28.62 -1.35 0.00	35.05 -1.55 0.00	39.29 -1.79 0.00	41.88 -2.16 0.00	41.68 -2.18 3.22	45.43 -2.17 0.00	44.02 -1.76 0.00	44.79 -1.63 0.00	43.56 -1.26 0.00	32.64 -0.75 0.00
BARRETT_IC_1 23704	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 -0.01	51.29 3.61 -0.08	49.23 3.38 -0.07	49.77 3.29 -0.07	47.68 2.85 -0.01	38.54 2.05 -3.10
BARRETT_IC_10 23701	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 0.00	51.23 3.61 -0.02	49.18 3.38 -0.02	49.72 3.29 -0.01	47.68 2.85 -0.01	38.54 2.05 -3.10
BARRETT_IC_11 23702	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 0.00	51.23 3.61 -0.02	49.18 3.38 -0.02	49.72 3.29 -0.01	47.68 2.85 -0.01	38.54 2.05 -3.10
BARRETT_IC_12 23703	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 0.00	51.23 3.61 -0.02	49.18 3.38 -0.02	49.72 3.29 -0.01	47.68 2.85 -0.01	38.54 2.05 -3.10
BARRETT_IC_2 23705	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 -0.01	51.29 3.61 -0.08	49.23 3.38 -0.07	49.77 3.29 -0.07	47.68 2.85 -0.01	38.54 2.05 -3.10
BARRETT_IC_3 23706	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 -0.01	51.29 3.61 -0.08	49.23 3.38 -0.07	49.77 3.29 -0.07	47.68 2.85 -0.01	38.54 2.05 -3.10
BARRETT_IC_4 23707	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 -0.01	51.29 3.61 -0.08	49.23 3.38 -0.07	49.77 3.29 -0.07	47.68 2.85 -0.01	38.54 2.05 -3.10

BARRETT_IC_5 23708	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 -0.01	51.29 3.61 -0.08	49.23 3.38 -0.07	49.77 3.29 -0.07	47.68 2.85 -0.01	38.54 2.05 -3.10
BARRETT_IC_6 23709	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 -0.01	51.29 3.61 -0.08	49.23 3.38 -0.07	49.77 3.29 -0.07	47.68 2.85 -0.01	38.54 2.05 -3.10
BARRETT_IC_7 23710	34.46 2.20 0.26	30.76 1.70 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.44 1.85 0.88	44.59 2.75 0.31	45.63 2.94 0.36	44.12 2.11 0.14	39.97 2.11 1.06	44.48 2.35 -4.64	51.12 2.35 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 -0.01	51.29 3.61 -0.08	49.23 3.38 -0.07	49.78 3.29 -0.07	47.68 2.85 -0.01	38.54 2.06 -3.10
BARRETT_IC_8 23711	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 -0.01	51.29 3.61 -0.08	49.23 3.38 -0.07	49.77 3.29 -0.07	47.68 2.85 -0.01	38.54 2.05 -3.10
BARRETT_IC_9 23700	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 0.00	51.23 3.61 -0.02	49.18 3.38 -0.02	49.72 3.29 -0.01	47.68 2.85 -0.01	38.54 2.05 -3.10
BARRETT___1 23545	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 -0.01	51.29 3.61 -0.08	49.23 3.38 -0.07	49.77 3.29 -0.07	47.68 2.85 -0.01	38.54 2.05 -3.10
BARRETT___2 23546	34.43 2.18 0.26	30.76 1.71 0.00	29.04 1.57 0.00	29.42 1.61 0.00	32.55 1.77 0.06	32.45 1.85 0.88	44.55 2.70 0.31	45.62 2.94 0.36	44.12 2.11 0.14	39.97 2.12 1.06	44.48 2.36 -4.64	51.12 2.34 -14.85	41.34 2.05 -9.60	88.73 1.86 -59.61	43.26 2.00 -11.29	38.87 2.27 0.00	43.71 2.63 0.00	46.97 2.94 0.00	50.37 3.29 0.00	51.23 3.61 -0.02	49.18 3.38 -0.02	49.72 3.29 -0.01	47.68 2.85 -0.01	38.54 2.05 -3.10
BATAVIA__115KV_TB1 55881	31.36 -1.15 0.00	28.03 -1.03 0.00	26.55 -0.92 0.00	26.68 -1.09 0.04	29.98 -0.86 0.00	30.83 -0.64 0.00	41.16 -1.00 0.00	41.39 -0.66 0.99	41.02 -0.51 0.63	38.72 -0.20 0.00	37.92 0.43 0.00	34.04 0.12 0.00	29.59 -0.10 0.00	27.10 -0.15 0.00	29.84 -0.13 0.00	36.42 -0.18 0.00	40.44 -0.64 0.00	43.07 -0.97 0.00	45.36 -1.37 0.35	46.08 -1.52 0.00	44.52 -1.26 0.00	45.36 -1.06 0.00	44.13 -0.69 0.00	33.08 -0.30 0.00
BAYONEEC___CTG1 323682	42.08 2.19 -7.38	30.99 1.93 0.00	29.28 1.81 0.00	29.69 1.88 0.00	33.94 2.17 -0.93	46.07 2.23 -12.37	49.68 3.16 -4.37	51.36 3.30 -5.02	47.14 2.96 -2.01	65.96 2.59 -24.45	54.83 2.42 -14.92	53.99 2.25 -17.82	53.75 1.99 -22.06	69.01 1.81 -39.94	49.01 2.01 -17.03	39.27 2.67 0.00	44.27 3.20 0.00	47.43 3.39 0.00	50.77 3.69 0.00	51.42 3.82 0.00	49.48 3.70 0.00	49.86 3.44 0.00	48.11 3.29 0.00	35.70 2.31 0.00
BAYONEEC___CTG10 323750	42.08 2.19 -7.38	30.99 1.93 0.00	29.28 1.81 0.00	29.69 1.88 0.00	33.94 2.17 -0.93	46.07 2.23 -12.37	49.68 3.16 -4.37	51.36 3.30 -5.02	47.14 2.96 -2.01	65.96 2.59 -24.45	54.83 2.42 -14.92	53.99 2.25 -17.82	53.75 1.99 -22.06	69.01 1.81 -39.94	49.01 2.01 -17.03	39.27 2.67 0.00	44.27 3.20 0.00	47.43 3.39 0.00	50.77 3.69 0.00	51.42 3.82 0.00	49.48 3.70 0.00	49.86 3.44 0.00	48.11 3.29 0.00	35.70 2.31 0.00
BAYONEEC___CTG2 323683	42.08 2.19 -7.38	30.99 1.93 0.00	29.28 1.81 0.00	29.69 1.88 0.00	33.94 2.17 -0.93	46.07 2.23 -12.37	49.68 3.16 -4.37	51.36 3.30 -5.02	47.14 2.96 -2.01	65.96 2.59 -24.45	54.83 2.42 -14.92	53.99 2.25 -17.82	53.75 1.99 -22.06	69.01 1.81 -39.94	49.01 2.01 -17.03	39.27 2.67 0.00	44.27 3.20 0.00	47.43 3.39 0.00	50.77 3.69 0.00	51.42 3.82 0.00	49.48 3.70 0.00	49.86 3.44 0.00	48.11 3.29 0.00	35.70 2.31 0.00
BAYONEEC___CTG3 323684	42.08 2.19 -7.38	30.99 1.93 0.00	29.28 1.81 0.00	29.69 1.88 0.00	33.94 2.17 -0.93	46.07 2.23 -12.37	49.68 3.16 -4.37	51.36 3.30 -5.02	47.14 2.96 -2.01	65.96 2.59 -24.45	54.83 2.42 -14.92	53.99 2.25 -17.82	53.75 1.99 -22.06	69.01 1.81 -39.94	49.01 2.01 -17.03	39.27 2.67 0.00	44.27 3.20 0.00	47.43 3.39 0.00	50.77 3.69 0.00	51.42 3.82 0.00	49.48 3.70 0.00	49.86 3.44 0.00	48.11 3.29 0.00	35.70 2.31 0.00
BAYONEEC___CTG4 323685	42.08 2.19 -7.38	30.99 1.93 0.00	29.28 1.81 0.00	29.69 1.88 0.00	33.94 2.17 -0.93	46.07 2.23 -12.37	49.68 3.16 -4.37	51.36 3.30 -5.02	47.14 2.96 -2.01	65.96 2.59 -24.45	54.83 2.42 -14.92	53.99 2.25 -17.82	53.75 1.99 -22.06	69.01 1.81 -39.94	49.01 2.01 -17.03	39.27 2.67 0.00	44.27 3.20 0.00	47.43 3.39 0.00	50.77 3.69 0.00	51.42 3.82 0.00	49.48 3.70 0.00	49.86 3.44 0.00	48.11 3.29 0.00	35.70 2.31 0.00
BAYONEEC___CTG5 323686	42.08 2.19 -7.38	30.99 1.93 0.00	29.28 1.81 0.00	29.69 1.88 0.00	33.94 2.17 -0.93	46.07 2.23 -12.37	49.68 3.16 -4.37	51.36 3.30 -5.02	47.14 2.96 -2.01	65.96 2.59 -24.45	54.83 2.42 -14.92	53.99 2.25 -17.82	53.75 1.99 -22.06	69.01 1.81 -39.94	49.01 2.01 -17.03	39.27 2.67 0.00	44.27 3.20 0.00	47.43 3.39 0.00	50.77 3.69 0.00	51.42 3.82 0.00	49.48 3.70 0.00	49.86 3.44 0.00	48.11 3.29 0.00	35.70 2.31 0.00
BAYONEEC___CTG6 323687	42.08 2.19 -7.38	30.99 1.93 0.00	29.28 1.81 0.00	29.69 1.88 0.00	33.94 2.17 -0.93	46.07 2.23 -12.37	49.68 3.16 -4.37	51.36 3.30 -5.02	47.14 2.96 -2.01	65.96 2.59 -24.45	54.83 2.42 -14.92	53.99 2.25 -17.82	53.75 1.99 -22.06	69.01 1.81 -39.94	49.01 2.01 -17.03	39.27 2.67 0.00	44.27 3.20 0.00	47.43 3.39 0.00	50.77 3.69 0.00	51.42 3.82 0.00	49.48 3.70 0.00	49.86 3.44 0.00	48.11 3.29 0.00	35.70 2.31 0.00

BAYONEEC___CTG7 323688	42.08 2.19 -7.38	30.99 1.93 0.00	29.28 1.81 0.00	29.69 1.88 0.00	33.94 2.17 -0.93	46.07 2.23 -12.37	49.68 3.16 -4.37	51.36 3.30 -5.02	47.14 2.96 -2.01	65.96 2.59 -24.45	54.83 2.42 -14.92	53.99 2.25 -17.82	53.75 1.99 -22.06	69.01 1.81 -39.94	49.01 2.01 -17.03	39.27 2.67 0.00	44.27 3.20 0.00	47.43 3.39 0.00	50.77 3.69 0.00	51.42 3.82 0.00	49.48 3.70 0.00	49.86 3.44 0.00	48.11 3.29 0.00	35.70 2.31 0.00
BAYONEEC___CTG8 323689	42.08 2.19 -7.38	30.99 1.93 0.00	29.28 1.81 0.00	29.69 1.88 0.00	33.94 2.17 -0.93	46.07 2.23 -12.37	49.68 3.16 -4.37	51.36 3.30 -5.02	47.14 2.96 -2.01	65.96 2.59 -24.45	54.83 2.42 -14.92	53.99 2.25 -17.82	53.75 1.99 -22.06	69.01 1.81 -39.94	49.01 2.01 -17.03	39.27 2.67 0.00	44.27 3.20 0.00	47.43 3.39 0.00	50.77 3.69 0.00	51.42 3.82 0.00	49.48 3.70 0.00	49.86 3.44 0.00	48.11 3.29 0.00	35.70 2.31 0.00
BAYONEEC___CTG9 323749	42.08 2.19 -7.38	30.99 1.93 0.00	29.28 1.81 0.00	29.69 1.88 0.00	33.94 2.17 -0.93	46.07 2.23 -12.37	49.68 3.16 -4.37	51.36 3.30 -5.02	47.14 2.96 -2.01	65.96 2.59 -24.45	54.83 2.42 -14.92	53.99 2.25 -17.82	53.75 1.99 -22.06	69.01 1.81 -39.94	49.01 2.01 -17.03	39.27 2.67 0.00	44.27 3.20 0.00	47.43 3.39 0.00	50.77 3.69 0.00	51.42 3.82 0.00	49.48 3.70 0.00	49.86 3.44 0.00	48.11 3.29 0.00	35.70 2.31 0.00
BEACON___LESR 323632	33.53 1.02 0.00	29.99 0.93 0.00	28.35 0.89 0.00	28.73 0.92 0.00	31.84 1.00 0.00	32.51 1.04 0.00	43.47 1.32 0.00	44.08 1.04 0.00	43.25 1.09 0.00	39.93 1.01 0.00	37.86 0.37 0.00	34.27 0.36 0.00	30.14 0.44 0.00	27.91 0.66 0.00	30.49 0.53 0.00	37.48 0.87 0.00	42.31 1.23 0.00	45.42 1.38 0.00	48.76 1.69 0.00	49.47 1.87 0.00	47.51 1.73 0.00	48.04 1.63 0.00	46.15 1.33 0.00	34.36 0.98 0.00
BEAVER RIVER___HYD 24048	31.34 -1.17 0.00	27.99 -1.07 0.00	26.43 -1.03 0.00	26.80 -1.01 0.00	29.81 -1.04 0.00	31.40 -0.89 -0.82	41.81 -0.65 -0.30	45.76 -0.55 -3.27	45.83 -0.22 -3.89	42.19 -0.41 -3.69	40.31 -0.78 -3.61	36.42 -0.90 -3.40	31.97 -0.86 -3.14	29.34 -0.91 -2.99	32.12 -1.00 -3.16	38.85 -1.31 -3.56	43.36 -1.55 -3.83	43.83 -1.47 -1.26	45.63 -1.45 0.00	46.39 -1.21 0.00	44.76 -1.02 0.00	46.08 -1.03 -0.69	48.17 -0.72 -4.07	33.75 -0.46 -0.83
BEEBEE_GT_13 23619	31.62 -0.90 0.00	28.25 -0.80 0.00	26.72 -0.74 0.00	26.96 -0.85 0.00	30.07 -0.78 0.00	30.82 -0.65 0.00	41.22 -0.94 0.00	42.34 -0.69 0.00	41.59 -0.56 0.00	38.57 -0.35 0.00	37.53 0.04 0.00	33.80 -0.12 0.00	29.49 -0.20 0.00	27.02 -0.23 0.00	29.73 -0.24 0.00	36.32 -0.28 0.00	40.57 -0.51 0.00	43.27 -0.76 0.00	45.96 -1.11 0.00	46.22 -1.38 0.00	44.57 -1.21 0.00	45.31 -1.10 0.00	43.91 -0.92 0.00	32.82 -0.57 0.00
BENSHRST_27_KV_BENSHRST_1 355998	45.46 2.63 -10.32	31.35 2.29 -0.01	29.61 2.13 -0.01	30.02 2.21 -0.01	34.52 2.54 -1.13	49.11 2.57 -15.07	51.11 3.63 -5.32	53.02 3.87 -6.11	51.29 3.69 -5.45	69.74 3.10 -27.73	57.31 2.91 -16.91	56.84 2.71 -20.21	56.88 2.41 -24.78	72.37 2.21 -42.90	59.46 2.51 -26.99	51.80 3.34 -11.85	54.99 3.76 -10.15	51.14 3.99 -3.12	51.49 4.33 -0.08	52.06 4.46 0.00	50.47 4.40 -0.28	52.06 4.13 -1.51	51.19 4.01 -2.36	50.79 2.81 -14.60
BETHLEHEM___GRP 23843	32.97 0.45 0.00	29.52 0.46 0.00	27.91 0.44 0.00	28.28 0.47 0.00	31.32 0.48 0.00	31.94 0.47 0.00	42.66 0.50 0.00	43.18 0.14 0.00	42.37 0.21 0.00	39.15 0.23 0.00	37.49 0.00 0.00	34.00 0.08 0.00	29.89 0.20 0.00	27.48 0.23 0.00	30.07 0.10 0.00	36.85 0.25 0.00	41.44 0.36 0.00	44.49 0.45 0.00	47.66 0.59 0.00	48.33 0.73 0.00	46.49 0.71 0.00	47.01 0.59 0.00	45.24 0.42 0.00	33.71 0.33 0.00
BETHLEHEM___GS1 323560	32.97 0.45 0.00	29.52 0.46 0.00	27.90 0.44 0.00	28.28 0.47 0.00	31.32 0.48 0.00	31.94 0.47 0.00	42.67 0.51 0.00	43.18 0.14 0.00	42.37 0.21 0.00	39.15 0.23 0.00	37.49 0.00 0.00	34.00 0.08 0.00	29.89 0.20 0.00	27.47 0.22 0.00	30.07 0.10 0.00	36.85 0.25 0.00	41.45 0.37 0.00	44.49 0.45 0.00	47.66 0.59 0.00	48.33 0.73 0.00	46.49 0.71 0.00	47.01 0.59 0.00	45.24 0.42 0.00	33.71 0.33 0.00
BETHLEHEM___GS2 323561	32.97 0.45 0.00	29.52 0.46 0.00	27.90 0.44 0.00	28.28 0.47 0.00	31.32 0.48 0.00	31.94 0.47 0.00	42.67 0.51 0.00	43.18 0.14 0.00	42.37 0.21 0.00	39.15 0.23 0.00	37.49 0.00 0.00	34.00 0.08 0.00	29.89 0.20 0.00	27.47 0.22 0.00	30.07 0.10 0.00	36.85 0.25 0.00	41.45 0.37 0.00	44.49 0.45 0.00	47.66 0.59 0.00	48.33 0.73 0.00	46.49 0.71 0.00	47.01 0.59 0.00	45.24 0.42 0.00	33.71 0.33 0.00
BETHLEHEM___GS3 323562	32.97 0.45 0.00	29.52 0.46 0.00	27.90 0.44 0.00	28.28 0.47 0.00	31.32 0.48 0.00	31.94 0.47 0.00	42.67 0.51 0.00	43.18 0.14 0.00	42.37 0.21 0.00	39.15 0.23 0.00	37.49 0.00 0.00	34.00 0.08 0.00	29.89 0.20 0.00	27.47 0.22 0.00	30.07 0.10 0.00	36.85 0.25 0.00	41.45 0.37 0.00	44.49 0.45 0.00	47.66 0.59 0.00	48.33 0.73 0.00	46.49 0.71 0.00	47.01 0.59 0.00	45.24 0.42 0.00	33.71 0.33 0.00
BETHLEHEM___STEEL 23779	30.67 -1.84 0.00	27.37 -1.68 0.00	25.93 -1.54 0.00	26.01 -1.71 0.08	29.28 -1.57 0.00	30.07 -1.41 0.00	40.04 -2.11 0.00	39.50 -1.72 1.82	39.41 -1.60 1.14	37.66 -1.26 0.00	36.96 -0.53 0.00	33.16 -0.76 0.00	28.88 -0.82 0.00	26.42 -0.84 0.00	29.08 -0.88 0.00	35.57 -1.03 0.00	39.49 -1.59 0.00	41.93 -2.11 0.00	43.95 -2.49 0.63	44.96 -2.64 0.00	43.48 -2.30 0.00	44.48 -1.94 0.00	43.41 -1.41 0.00	32.64 -0.75 0.00
BETHLHEM_115KV_TB1 79974	33.04 0.53 0.00	29.58 0.52 0.00	27.96 0.50 0.00	28.33 0.53 0.00	31.39 0.54 0.00	32.01 0.54 0.00	42.77 0.62 0.00	43.35 0.31 0.00	42.52 0.36 0.00	39.25 0.34 0.00	37.63 0.14 0.00	34.12 0.20 0.00	29.98 0.29 0.00	27.55 0.29 0.00	30.15 0.18 0.00	36.96 0.36 0.00	41.57 0.49 0.00	44.61 0.57 0.00	47.79 0.71 0.00	48.45 0.84 0.00	46.61 0.83 0.00	47.14 0.72 0.00	45.37 0.55 0.00	33.80 0.41 0.00
BETHPAGE_CC_5 323564	34.64 2.38 0.25	30.92 1.87 0.00	29.19 1.72 0.00	29.57 1.76 0.00	32.74 1.96 0.06	32.61 2.01 0.88	44.84 2.99 0.31	45.92 3.24 0.36	44.48 2.46 0.14	40.16 2.31 1.06	39.40 2.39 0.47	36.15 2.48 0.25	33.03 2.15 -1.18	47.11 1.97 -17.88	31.75 2.13 0.34	39.01 2.41 0.00	43.97 2.89 0.00	47.27 3.23 0.00	50.71 3.64 0.00	51.58 3.97 0.00	49.46 3.68 0.00	50.00 3.58 0.00	47.88 3.06 0.00	35.71 2.22 -0.10
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.78 -1.73 0.00	27.47 -1.59 0.00	26.00 -1.46 0.00	26.10 -1.63 0.08	29.36 -1.49 0.00	30.16 -1.32 0.00	40.18 -1.98 0.00	39.76 -1.57 1.71	39.62 -1.47 1.07	37.77 -1.15 0.00	37.07 -0.42 0.00	33.26 -0.66 0.00	28.97 -0.73 0.00	26.51 -0.75 0.00	29.17 -0.80 0.00	35.67 -0.93 0.00	39.61 -1.46 0.00	42.06 -1.97 0.00	44.16 -2.32 0.59	45.14 -2.46 0.00	43.66 -2.13 0.00	44.65 -1.77 0.00	43.55 -1.28 0.00	32.74 -0.65 0.00

BINGHAMTON___COGEN 23790	32.67 0.16 0.00	29.17 0.11 0.00	27.61 0.14 0.00	27.97 0.16 0.00	31.12 0.28 0.00	31.77 0.29 0.00	42.58 0.42 0.00	43.75 0.71 0.00	42.76 0.60 0.00	39.35 0.43 0.00	37.93 0.44 0.00	34.26 0.34 0.00	30.01 0.32 0.00	27.49 0.23 0.00	30.20 0.23 0.00	36.93 0.33 0.00	41.53 0.45 0.00	44.38 0.35 0.00	47.52 0.44 0.00	48.01 0.41 0.00	46.28 0.49 0.00	46.84 0.43 0.00	45.27 0.45 0.00	33.69 0.31 0.00
BIXINCNT_115KV_LOAD 355685	30.81 -1.70 0.00	27.33 -1.73 0.00	25.70 -1.76 0.00	25.85 -1.91 0.05	29.06 -1.78 0.00	29.85 -1.62 0.00	39.85 -2.31 0.00	40.07 -1.86 1.11	39.45 -2.01 0.70	37.19 -1.73 0.00	36.41 -1.08 0.00	32.82 -1.10 0.00	28.71 -0.98 0.00	26.26 -0.99 0.00	28.76 -1.21 0.00	35.12 -1.48 0.00	39.01 -2.07 0.00	41.55 -2.49 0.00	44.35 -2.34 0.39	45.34 -2.25 0.00	44.26 -1.52 0.00	45.33 -1.08 0.00	43.83 -1.00 0.00	33.11 -0.27 0.00
BLACK RIVER___HYD 24047	31.36 -1.15 0.00	28.00 -1.06 0.00	26.44 -1.03 0.00	26.80 -1.01 0.00	29.83 -1.02 0.00	31.17 -0.86 -0.57	41.90 -0.46 -0.21	45.03 -0.26 -2.26	44.79 -0.05 -2.68	41.24 -0.22 -2.55	39.28 -0.70 -2.49	35.44 -0.83 -2.35	31.10 -0.76 -2.17	28.40 -0.92 -2.06	31.16 -0.98 -2.18	37.77 -1.29 -2.46	42.12 -1.60 -2.64	43.53 -1.38 -0.87	45.76 -1.31 0.00	46.59 -1.01 0.00	45.01 -0.77 0.00	46.02 -0.88 -0.48	46.96 -0.67 -2.81	33.53 -0.42 -0.57
BLACKRVR_115KV_TB2 79977	31.36 -1.15 0.00	28.00 -1.06 0.00	26.44 -1.03 0.00	26.80 -1.01 0.00	29.83 -1.02 0.00	31.18 -0.86 -0.57	41.90 -0.46 -0.21	45.03 -0.27 -2.26	44.79 -0.05 -2.68	41.24 -0.23 -2.55	39.28 -0.70 -2.49	35.44 -0.83 -2.35	31.10 -0.76 -2.17	28.40 -0.92 -2.06	31.16 -0.98 -2.18	37.77 -1.29 -2.46	42.12 -1.60 -2.64	43.53 -1.38 -0.87	45.76 -1.31 0.00	46.59 -1.01 0.00	45.01 -0.77 0.00	46.02 -0.88 -0.48	46.96 -0.67 -2.81	33.53 -0.42 -0.57
BLISS_WT_PWR 323608	30.56 -1.94 0.00	27.05 -2.01 0.00	25.40 -2.07 0.00	25.53 -2.23 0.05	28.73 -2.12 0.00	29.52 -1.95 0.00	39.41 -2.75 0.00	39.64 -2.29 1.11	38.99 -2.47 0.70	36.75 -2.16 0.00	36.03 -1.46 0.00	32.52 -1.40 0.00	28.46 -1.24 0.00	26.05 -1.21 0.00	28.48 -1.49 0.00	34.74 -1.87 0.00	38.54 -2.53 0.00	41.09 -2.94 0.00	43.98 -2.71 0.39	45.04 -2.56 0.00	44.04 -1.74 0.00	45.19 -1.22 0.00	43.62 -1.21 0.00	33.01 -0.37 0.00
BLUESTONE___WT_PWR 323821	31.57 -0.94 0.00	28.21 -0.85 0.00	26.97 -0.50 0.00	27.35 -0.46 0.00	30.10 -0.75 0.00	30.88 -0.60 0.00	42.16 0.00 0.00	43.70 0.54 -0.12	42.08 -0.21 -0.13	39.10 0.18 0.00	38.40 0.91 0.00	34.18 0.26 0.00	29.43 -0.26 0.00	26.72 -0.54 0.00	29.53 -0.43 0.00	36.18 -0.41 0.00	40.83 -0.24 0.00	43.79 -0.24 0.00	46.91 -0.17 0.00	47.08 -0.51 0.00	45.52 -0.27 0.00	46.12 -0.30 0.00	45.25 0.42 0.00	33.29 -0.10 0.00
BLUE_CIRC_CHEM_DRP 24182	33.33 0.82 0.00	29.84 0.78 0.00	28.21 0.75 0.00	28.59 0.78 0.00	31.68 0.83 0.00	32.32 0.85 0.00	43.24 1.08 0.00	43.85 0.81 0.00	42.94 0.78 0.00	39.65 0.73 0.00	38.00 0.51 0.00	34.38 0.46 0.00	30.15 0.46 0.00	27.67 0.41 0.00	30.41 0.44 0.00	37.18 0.58 0.00	41.88 0.80 0.00	44.96 0.93 0.00	48.20 1.12 0.00	48.87 1.27 0.00	47.02 1.24 0.00	47.57 1.16 0.00	45.81 0.99 0.00	34.12 0.74 0.00
BOC_GAS_DRP 24189	33.20 0.69 0.00	29.69 0.64 0.00	28.07 0.61 0.00	28.45 0.64 0.00	31.53 0.68 0.00	32.16 0.69 0.00	43.05 0.89 0.00	43.75 0.71 0.00	42.87 0.71 0.00	39.56 0.65 0.00	38.01 0.52 0.00	34.43 0.51 0.00	30.21 0.52 0.00	27.74 0.49 0.00	30.44 0.47 0.00	37.23 0.63 0.00	41.84 0.77 0.00	44.88 0.85 0.00	48.05 0.98 0.00	48.68 1.08 0.00	46.83 1.05 0.00	47.38 0.97 0.00	45.64 0.82 0.00	33.97 0.59 0.00
BOONVILLE_115KV_TB1 79983	32.48 -0.03 0.00	29.02 -0.04 0.00	27.41 -0.05 0.00	27.78 -0.03 0.00	30.88 0.03 0.00	31.93 0.14 -0.32	42.81 0.54 -0.12	44.95 0.63 -1.28	44.47 0.79 -1.52	40.92 0.56 -1.44	39.24 0.34 -1.41	35.45 0.20 -1.33	31.07 0.15 -1.23	28.52 0.10 -1.17	31.32 0.12 -1.23	38.13 0.14 -1.39	42.80 0.23 -1.50	44.82 0.29 -0.49	47.46 0.39 0.00	48.10 0.51 0.00	46.34 0.56 0.00	47.19 0.51 -0.27	46.96 0.54 -1.59	34.08 0.37 -0.33
BORALEX_4TH_BRANCH 23824	34.01 1.50 0.00	30.38 1.32 0.00	28.72 1.26 0.00	29.13 1.33 0.00	32.20 1.36 0.00	32.77 1.29 0.00	43.94 1.78 0.00	44.42 1.38 0.00	43.58 1.42 0.00	40.26 1.35 0.00	38.61 1.12 0.00	34.88 0.96 0.00	30.59 0.90 0.00	28.14 0.89 0.00	30.91 0.95 0.00	37.63 1.03 0.00	42.26 1.19 0.00	45.28 1.25 0.00	48.62 1.54 0.00	49.35 1.75 0.00	47.54 1.75 0.00	48.06 1.64 0.00	46.30 1.48 0.00	34.38 0.99 0.00
BOWLINE___1 23526	34.03 1.52 0.00	30.41 1.35 0.00	28.73 1.26 0.00	29.13 1.32 0.00	32.41 1.57 0.00	33.07 1.60 0.00	44.40 2.24 0.00	45.45 2.41 0.00	44.29 2.14 0.00	40.82 1.90 0.00	39.24 1.75 0.00	35.55 1.63 0.00	35.11 1.43 -3.98	67.70 1.28 -39.15	31.40 1.43 0.00	38.53 1.93 0.00	43.41 2.33 0.00	46.55 2.51 0.00	49.87 2.79 0.00	50.52 2.91 0.00	48.55 2.77 0.00	48.94 2.53 0.00	47.06 2.24 0.00	34.96 1.57 0.00
BOWLINE___2 23595	34.04 1.53 0.00	30.41 1.36 0.00	28.74 1.27 0.00	29.15 1.34 0.00	32.43 1.58 0.00	33.07 1.60 0.00	44.42 2.26 0.00	45.46 2.42 0.00	44.30 2.15 0.00	40.83 1.92 0.00	39.25 1.76 0.00	35.56 1.65 0.00	35.01 1.44 -3.87	66.63 1.30 -38.07	31.41 1.45 0.00	38.55 1.95 0.00	43.43 2.35 0.00	46.56 2.53 0.00	49.90 2.82 0.00	50.52 2.92 0.00	48.57 2.79 0.00	48.97 2.55 0.00	47.08 2.25 0.00	34.96 1.58 0.00
BRADY___115KV_TB2 356060	32.66 0.15 0.00	29.16 0.10 0.00	27.52 0.06 0.00	27.81 0.00 0.00	30.83 -0.02 0.00	32.62 0.10 -1.05	42.80 0.26 -0.38	47.50 0.26 -4.20	47.47 0.32 -5.00	43.96 0.30 -4.74	42.47 0.34 -4.64	38.51 0.22 -4.37	33.76 0.04 -4.03	31.15 0.05 -3.84	34.08 0.06 -4.06	41.12 -0.05 -4.58	45.80 -0.20 -4.92	45.63 -0.02 -1.62	46.90 -0.18 0.00	47.39 -0.21 0.00	45.55 -0.23 0.00	47.32 0.01 -0.89	50.55 0.50 -5.23	34.88 0.43 -1.07
BRANSCOMB___SOLAR 323811	33.87 1.36 0.00	30.29 1.23 0.00	28.63 1.16 0.00	29.02 1.21 0.00	32.15 1.30 0.00	32.82 1.34 0.00	44.16 2.01 0.00	44.82 1.78 0.00	43.80 1.65 0.00	40.44 1.53 0.00	38.75 1.26 0.00	34.93 1.01 0.00	30.56 0.86 0.00	28.19 0.93 0.00	31.21 1.24 0.00	38.02 1.42 0.00	42.85 1.77 0.00	46.05 2.01 0.00	49.39 2.32 0.00	50.10 2.50 0.00	48.19 2.41 0.00	48.67 2.26 0.00	46.71 1.89 0.00	34.66 1.27 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.00 2.75 0.26	31.18 2.13 0.00	29.45 1.98 0.00	29.83 2.02 0.00	33.02 2.24 0.06	32.93 2.34 0.88	45.29 3.44 0.31	46.32 3.64 0.36	44.76 2.75 0.14	40.35 2.50 1.06	39.13 2.50 0.86	35.13 2.60 1.40	32.52 2.28 -0.54	44.04 2.07 -14.71	30.93 2.19 1.22	39.06 2.47 0.00	44.06 2.98 0.00	47.57 3.53 0.00	51.11 4.03 0.00	51.98 4.38 0.00	49.82 4.04 0.00	50.41 4.00 0.00	48.28 3.46 0.00	35.67 2.42 0.13

BRISTLHL_115KV_TB1 79998	31.78 -0.73 0.00	28.40 -0.66 0.00	26.86 -0.60 0.00	27.23 -0.58 0.00	30.23 -0.62 0.00	30.82 -0.66 0.00	41.25 -0.91 0.00	42.20 -0.84 0.00	41.35 -0.81 0.00	38.18 -0.73 0.00	36.81 -0.68 0.00	33.29 -0.63 0.00	29.20 -0.50 0.00	26.79 -0.47 0.00	29.42 -0.54 0.00	35.89 -0.71 0.00	40.30 -0.78 0.00	43.17 -0.87 0.00	46.12 -0.95 0.00	46.60 -1.00 0.00	44.85 -0.93 0.00	45.42 -1.00 0.00	43.81 -1.02 0.00	32.64 -0.75 0.00
BROOKHAVEN___DRP 24191	34.68 2.43 0.26	30.91 1.85 0.00	29.18 1.72 0.00	29.57 1.76 0.00	32.73 1.94 0.06	32.65 2.05 0.88	44.89 3.04 0.31	45.88 3.20 0.36	44.18 2.16 0.14	39.75 1.90 1.06	38.39 1.81 0.90	34.50 2.11 1.53	31.97 1.81 -0.47	43.22 1.61 -14.35	30.34 1.70 1.32	38.46 1.85 0.00	43.26 2.18 0.00	46.91 2.87 0.00	50.49 3.41 0.00	51.35 3.75 0.00	49.11 3.33 0.00	49.88 3.47 0.00	47.72 2.90 0.00	35.13 1.90 0.15
BROOKLYN_NAVY_YARD 23515	42.16 2.27 -7.38	31.08 2.03 0.00	29.37 1.90 0.00	29.78 1.97 0.00	34.04 2.26 -0.93	46.18 2.33 -12.37	49.78 3.25 -4.37	51.45 3.39 -5.02	47.25 3.07 -2.01	66.06 2.70 -24.45	54.93 2.52 -14.92	54.06 2.32 -17.82	53.81 2.05 -22.06	69.07 1.87 -39.94	49.10 2.10 -17.03	39.37 2.77 0.00	44.35 3.27 0.00	47.52 3.49 0.00	50.87 3.79 0.00	51.56 3.96 0.00	49.61 3.83 0.00	49.97 3.56 0.00	48.19 3.37 0.00	35.76 2.37 0.00
BROOKLYN___ARMY_DRP 323595	45.31 2.48 -10.32	31.23 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.96 2.42 -15.07	50.91 3.43 -5.32	52.80 3.65 -6.11	51.07 3.47 -5.45	69.54 2.89 -27.73	57.10 2.70 -16.91	56.65 2.52 -20.21	56.73 2.26 -24.78	72.22 2.06 -42.90	59.29 2.35 -26.99	51.59 3.14 -11.85	54.77 3.55 -10.15	50.89 3.74 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.14 -0.28	51.79 3.86 -1.51	50.96 3.77 -2.36	50.62 2.64 -14.60
BROOKVLE_69_KV_TB1 55790	34.69 2.42 0.24	31.01 1.96 0.00	29.28 1.82 0.00	29.68 1.87 0.00	32.88 2.10 0.06	32.79 2.19 0.88	45.10 3.25 0.31	46.15 3.47 0.36	44.90 2.88 0.14	40.51 2.66 1.06	40.15 2.69 0.03	37.56 2.59 -1.05	33.86 2.26 -1.91	50.82 2.08 -21.48	32.90 2.27 -0.66	39.32 2.72 0.00	44.31 3.23 0.00	47.57 3.53 0.00	50.96 3.89 0.00	51.80 4.19 -0.01	49.74 3.95 -0.01	50.19 3.76 -0.01	48.16 3.33 0.00	36.12 2.38 -0.36
BROOME_2_LFGE 323671	32.67 0.16 0.00	29.16 0.11 0.00	27.61 0.14 0.00	27.97 0.16 0.00	31.12 0.28 0.00	31.77 0.29 0.00	42.57 0.42 0.00	43.75 0.71 0.00	42.76 0.60 0.00	39.35 0.43 0.00	37.93 0.45 0.00	34.26 0.34 0.00	30.01 0.32 0.00	27.48 0.23 0.00	30.19 0.22 0.00	36.92 0.32 0.00	41.53 0.45 0.00	44.38 0.35 0.00	47.52 0.44 0.00	48.01 0.41 0.00	46.28 0.41 0.00	46.84 0.43 0.00	45.27 0.45 0.00	33.69 0.31 0.00
BROOME___LFGE 323600	32.67 0.16 0.00	29.16 0.11 0.00	27.61 0.14 0.00	27.97 0.16 0.00	31.12 0.28 0.00	31.77 0.29 0.00	42.57 0.42 0.00	43.75 0.71 0.00	42.76 0.60 0.00	39.35 0.43 0.00	37.93 0.45 0.00	34.26 0.34 0.00	30.01 0.32 0.00	27.48 0.23 0.00	30.19 0.22 0.00	36.92 0.32 0.00	41.53 0.45 0.00	44.38 0.35 0.00	47.52 0.44 0.00	48.01 0.41 0.00	46.28 0.41 0.00	46.84 0.43 0.00	45.27 0.45 0.00	33.69 0.31 0.00
BROWNFLS_115KV_TB_3_5 80003	31.40 -1.11 0.00	28.04 -1.02 0.00	26.47 -1.00 0.00	26.79 -1.02 0.00	29.76 -1.09 0.00	31.96 -0.97 -1.47	41.77 -0.93 -0.54	48.02 -0.89 -5.87	48.50 -0.65 -6.99	44.84 -0.71 -6.63	43.09 -0.88 -6.48	39.09 -0.94 -6.10	34.42 -0.91 -5.64	31.76 -0.86 -5.36	34.68 -0.96 -5.67	41.68 -1.32 -6.40	46.38 -1.58 -6.88	44.80 -1.49 -2.26	45.47 -1.61 0.00	46.07 -1.53 0.00	44.36 -1.42 0.00	46.32 -1.34 -1.24	51.22 -0.91 -7.31	34.27 -0.60 -1.49
BROWNSV1_27_KV_LOAD 356125	42.36 2.47 -7.38	31.23 2.17 0.00	29.50 2.04 0.00	29.91 2.11 0.00	34.20 2.42 -0.93	46.34 2.50 -12.37	50.07 3.55 -4.37	51.79 3.74 -5.02	47.58 3.41 -2.01	66.37 3.00 -24.45	55.25 2.85 -14.92	54.38 2.64 -17.82	54.08 2.32 -22.06	69.32 2.12 -39.94	49.35 2.35 -17.03	39.67 3.07 0.00	44.72 3.64 0.00	47.91 3.87 0.00	51.27 4.19 0.00	51.97 4.37 0.00	50.02 4.24 0.00	50.39 3.97 0.00	48.58 3.76 0.00	36.02 2.64 0.00
BURROWS___LYONSDAL 23803	32.11 -0.40 0.00	28.67 -0.38 0.00	27.09 -0.38 0.00	27.46 -0.34 0.00	30.53 -0.32 0.00	31.70 -0.19 -0.42	42.45 0.14 -0.15	44.95 0.24 -1.67	44.60 0.46 -1.98	41.04 0.24 -1.88	39.29 -0.04 -1.84	35.49 -0.17 -1.73	31.11 -0.19 -1.60	28.55 -0.23 -1.53	31.33 -0.25 -1.61	38.09 -0.33 -1.82	42.71 -0.32 -1.96	44.39 -0.29 -0.64	46.88 -0.20 0.00	47.55 -0.05 0.00	45.84 0.06 0.00	46.78 0.01 -0.35	47.03 0.13 -2.08	33.91 0.10 -0.42
CAITHNESS_CC_1 323624	34.63 2.38 0.26	30.90 1.84 0.00	29.17 1.71 0.00	29.56 1.75 0.00	32.72 1.94 0.06	32.65 2.05 0.88	44.81 2.96 0.31	45.85 3.17 0.36	44.19 2.17 0.14	39.79 1.94 1.06	38.46 1.87 0.91	34.53 2.14 1.53	32.01 1.85 -0.47	43.25 1.65 -14.34	30.39 1.74 1.32	38.50 1.90 0.00	43.33 2.25 0.00	46.94 2.90 0.00	50.49 3.42 0.00	51.33 3.74 0.00	49.11 3.33 0.00	49.87 3.45 0.00	47.72 2.89 0.00	35.15 1.93 0.15
CALPINE BETH_PAGE_GT4 24209	34.58 2.32 0.25	30.85 1.80 0.00	29.12 1.66 0.00	29.51 1.70 0.00	32.66 1.88 0.06	32.47 1.88 0.88	44.72 2.87 0.31	45.75 3.06 0.36	44.32 2.30 0.14	40.01 2.16 1.06	39.45 2.25 0.28	36.64 2.41 -0.31	33.27 2.09 -1.49	48.59 1.91 -19.42	32.12 2.07 -0.09	38.95 2.35 0.00	43.89 2.81 0.00	47.10 3.06 0.00	50.53 3.45 0.00	51.39 3.79 -0.01	49.31 3.52 -0.01	49.80 3.38 -0.01	47.71 2.89 0.00	35.76 2.16 -0.21
CALPINE_BETH_PAGE_GT_4 323586	34.56 2.30 0.25	30.86 1.80 0.00	29.12 1.66 0.00	29.51 1.70 0.00	32.66 1.88 0.06	32.48 1.88 0.88	44.68 2.83 0.31	45.75 3.07 0.36	44.32 2.30 0.14	40.02 2.17 1.06	39.46 2.25 0.28	36.63 2.41 -0.31	33.27 2.09 -1.49	48.58 1.91 -19.42	32.12 2.07 -0.09	38.95 2.36 0.00	43.89 2.81 0.00	47.10 3.06 0.00	50.53 3.45 0.00	51.39 3.79 -0.01	49.30 3.51 -0.01	49.80 3.38 -0.01	47.71 2.89 0.00	35.75 2.15 -0.21
CALPINE_BP_GT1 23823	34.56 2.30 0.25	30.86 1.80 0.00	29.12 1.66 0.00	29.51 1.70 0.00	32.66 1.88 0.06	32.48 1.88 0.88	44.68 2.83 0.31	45.75 3.07 0.36	44.32 2.30 0.14	40.02 2.17 1.06	39.46 2.25 0.28	36.63 2.41 -0.31	33.27 2.09 -1.49	48.58 1.91 -19.42	32.12 2.07 -0.09	38.95 2.36 0.00	43.89 2.81 0.00	47.10 3.06 0.00	50.53 3.45 0.00	51.39 3.79 -0.01	49.30 3.51 -0.01	49.80 3.38 -0.01	47.71 2.89 0.00	35.75 2.15 -0.21
CALSPAN___DRP 24200	30.67 -1.84 0.00	27.37 -1.68 0.00	25.93 -1.54 0.00	26.01 -1.71 0.08	29.28 -1.57 0.00	30.07 -1.41 0.00	40.04 -2.11 0.00	39.50 -1.72 1.82	39.41 -1.60 1.14	37.66 -1.26 0.00	36.96 -0.53 0.00	33.16 -0.76 0.00	28.88 -0.82 0.00	26.42 -0.84 0.00	29.08 -0.88 0.00	35.57 -1.03 0.00	39.49 -1.59 0.00	41.93 -2.11 0.00	43.95 -2.49 0.63	44.96 -2.64 0.00	43.48 -2.30 0.00	44.48 -1.94 0.00	43.41 -1.41 0.00	32.64 -0.75 0.00

CALVERTON___SOLAR 323806	34.65 2.40 0.26	30.91 1.85 0.00	29.18 1.71 0.00	29.57 1.76 0.00	32.73 1.94 0.06	32.67 2.08 0.88	44.85 3.00 0.31	45.89 3.21 0.36	44.16 2.14 0.14	39.71 1.86 1.06	38.33 1.74 0.90	34.44 2.05 1.53	31.92 1.75 -0.47	43.17 1.56 -14.35	30.28 1.64 1.32	38.39 1.79 0.00	43.17 2.09 0.00	46.87 2.83 0.00	50.48 3.40 0.00	51.36 3.76 0.00	49.08 3.30 0.00	49.89 3.47 0.00	47.72 2.89 0.00	35.10 1.87 0.15
CANDIGU_WT_PWR 323617	30.84 -1.67 0.00	27.53 -1.53 0.00	26.05 -1.40 0.02	25.94 -1.46 0.41	29.48 -1.37 0.00	30.12 -1.35 0.00	40.28 -1.88 0.00	32.28 -1.45 9.31	34.79 -1.56 5.81	37.40 -1.51 0.00	36.25 -1.24 0.00	32.59 -1.33 0.00	28.50 -1.20 0.00	26.06 -1.20 0.00	28.62 -1.35 0.00	35.05 -1.55 0.00	39.29 -1.79 0.00	41.88 -2.16 0.00	41.68 -2.18 3.22	45.43 -2.17 0.00	44.02 -1.76 0.00	44.79 -1.63 0.00	43.56 -1.26 0.00	32.64 -0.75 0.00
CARR STREET_E_SYR 24060	32.14 -0.38 0.00	28.72 -0.34 0.00	27.16 -0.31 0.00	27.49 -0.31 0.00	30.53 -0.32 0.00	31.13 -0.34 0.00	41.68 -0.48 0.00	42.68 -0.37 0.00	41.82 -0.34 0.00	38.61 -0.31 0.00	37.25 -0.24 0.00	33.71 -0.20 0.00	29.54 -0.16 0.00	27.10 -0.16 0.00	29.78 -0.19 0.00	36.34 -0.26 0.00	40.77 -0.30 0.00	43.64 -0.39 0.00	46.62 -0.45 0.00	47.09 -0.51 0.00	45.33 -0.45 0.00	45.92 -0.50 0.00	44.30 -0.52 0.00	32.98 -0.41 0.00
CARTHAGE___PAPER 23857	31.57 -0.94 0.00	28.18 -0.87 0.00	26.61 -0.86 0.00	26.97 -0.84 0.00	30.01 -0.83 0.00	31.47 -0.67 -0.66	42.14 -0.26 -0.24	45.58 -0.11 -2.65	45.46 0.15 -3.15	41.85 -0.05 -2.99	39.92 -0.49 -2.92	36.01 -0.67 -2.75	31.59 -0.65 -2.54	28.91 -0.77 -2.42	31.68 -0.84 -2.56	38.39 -1.09 -2.89	42.79 -1.39 -3.10	43.90 -1.16 -1.02	45.99 -1.08 0.00	46.81 -0.79 0.00	45.19 -0.59 0.00	46.34 -0.64 -0.56	47.74 -0.38 -3.29	33.84 -0.22 -0.67
CASSADAGA_WT_PWR 323784	30.80 -1.72 0.00	27.28 -1.78 0.00	26.01 -1.46 0.00	26.36 -1.40 0.05	29.68 -1.17 0.00	30.58 -0.89 0.00	40.97 -1.19 0.00	41.55 -0.29 1.21	40.84 -0.56 0.76	38.38 -0.53 0.00	37.85 0.36 0.00	33.90 -0.02 0.00	29.53 -0.17 0.00	26.94 -0.32 0.00	29.52 -0.45 0.00	36.15 -0.45 0.00	40.53 -0.54 0.00	43.16 -0.87 0.00	45.92 -0.73 0.42	46.47 -1.13 0.00	44.87 -0.91 0.00	46.11 -0.31 0.00	45.48 0.66 0.00	34.22 0.83 0.00
CE_DUNWOOD___DRP 24194	34.59 1.91 -0.17	30.74 1.68 0.00	29.05 1.59 0.00	29.45 1.65 0.00	32.76 1.88 -0.03	33.87 1.93 -0.47	45.08 2.75 -0.17	46.13 2.90 -0.19	44.85 2.61 -0.08	41.79 2.30 -0.57	40.00 2.16 -0.35	36.36 2.02 -0.41	33.90 1.78 -2.42	48.55 1.64 -19.66	32.17 1.81 -0.40	38.98 2.38 0.00	43.90 2.82 0.00	47.06 3.02 0.00	50.41 3.33 0.00	51.08 3.49 0.00	49.15 3.37 0.00	49.53 3.11 0.00	47.67 2.85 0.00	35.37 1.99 0.00
CE_MILLWOOD___DRP 24193	34.33 1.82 0.00	30.66 1.60 0.00	28.98 1.51 0.00	29.38 1.57 0.00	32.68 1.80 -0.03	33.69 1.84 -0.38	44.92 2.63 -0.13	45.97 2.77 -0.15	44.71 2.50 -0.06	41.11 2.19 0.00	39.54 2.05 0.00	35.85 1.92 0.00	33.48 1.70 -2.09	49.35 1.55 -20.54	31.69 1.72 0.00	38.86 2.26 0.00	43.76 2.69 0.00	46.93 2.89 0.00	50.26 3.19 0.00	50.93 3.33 0.00	49.00 3.22 0.00	49.39 2.98 0.00	47.53 2.71 0.00	35.28 1.89 0.00
CE_NYC2_DRP 24202	43.21 2.33 -8.37	31.12 2.06 -0.01	29.40 1.93 -0.01	29.82 2.01 -0.01	34.28 2.30 -1.13	48.89 2.34 -15.07	50.78 3.30 -5.32	52.61 3.46 -6.11	47.80 3.19 -2.46	69.36 2.71 -27.73	56.96 2.56 -16.91	56.50 2.37 -20.21	56.58 2.11 -24.78	72.09 1.92 -42.90	51.44 2.16 -19.32	41.98 2.87 -2.50	51.60 3.42 -7.11	50.78 3.62 -3.12	51.07 3.92 -0.08	51.65 4.05 0.00	50.00 3.94 -0.28	51.21 3.65 -1.14	48.48 3.50 -0.15	43.41 2.46 -7.56
CE_NYC_DRP 24195	41.88 2.25 -7.12	31.04 1.98 0.00	29.32 1.86 0.00	29.74 1.93 0.00	33.93 2.21 -0.88	45.42 2.28 -11.66	49.50 3.23 -4.12	51.16 3.39 -4.73	47.12 3.06 -1.90	65.20 2.68 -23.60	54.41 2.52 -14.40	53.46 2.34 -17.20	53.12 2.07 -21.36	68.32 1.90 -39.17	48.51 2.10 -16.44	39.37 2.77 0.00	44.36 3.29 0.00	47.52 3.49 0.00	50.86 3.79 0.00	51.53 3.93 0.00	49.60 3.82 0.00	49.95 3.53 0.00	48.16 3.34 0.00	35.73 2.35 0.00
CHAFFEE___LFGE 323603	32.23 -0.28 0.00	28.78 -0.28 0.00	27.27 -0.20 0.00	27.59 -0.19 0.03	30.86 0.01 0.00	31.57 0.10 0.00	42.17 0.01 0.00	43.21 0.74 0.57	42.29 0.49 0.36	39.18 0.27 0.00	38.15 0.66 0.00	34.26 0.34 0.00	29.98 0.29 0.00	27.43 0.18 0.00	30.06 0.10 0.00	36.89 0.29 0.00	41.32 0.25 0.00	43.85 -0.19 0.00	46.63 -0.25 0.19	47.32 -0.28 0.00	45.87 0.09 0.00	46.63 0.21 0.00	45.22 0.40 0.00	33.78 0.40 0.00
CHATEAUG_35_KV_LOAD 355732	31.72 -0.79 0.00	28.28 -0.78 0.00	26.57 -0.90 0.00	26.87 -0.94 0.00	29.79 -1.06 0.00	16.39 -1.14 13.94	35.56 -1.52 5.09	-14.41 -1.61 55.85	-25.79 -1.45 66.50	-25.52 -1.38 61.69	-25.42 -1.23 58.05	-25.25 -1.12 53.50	-24.92 -1.12 50.93	-24.71 -1.04 53.84	-24.94 -1.06 60.72	-25.41 -1.29 65.26	-25.73 -1.55 21.45	21.17 -1.41 0.00	45.62 -1.46 0.00	46.01 -1.59 0.00	44.10 -1.68 0.00	32.99 -1.64 11.78	-25.90 -1.40 69.32	18.26 -0.99 14.13
CHATEAUG_WT_PWR 323614	31.72 -0.79 0.00	28.29 -0.77 0.00	26.58 -0.89 0.00	26.88 -0.93 0.00	29.79 -1.06 0.00	17.39 -1.15 12.93	35.91 -1.53 4.72	-10.43 -1.64 51.83	-21.05 -1.49 61.72	-21.00 -1.39 58.53	-21.03 -1.27 57.25	-21.07 -1.12 53.88	-21.04 -1.09 49.64	-21.02 -1.01 47.26	-21.04 -1.05 49.96	-21.05 -1.30 56.34	-20.99 -1.52 60.56	22.72 -1.42 19.90	45.58 -1.49 0.00	45.96 -1.64 0.00	44.07 -1.71 0.00	33.80 -1.69 10.93	-20.97 -1.47 64.33	19.25 -1.02 13.11
CHAT_HIGH_FALL_HYD 323578	31.72 -0.79 0.00	28.28 -0.78 0.00	26.57 -0.90 0.00	26.87 -0.94 0.00	29.79 -1.06 0.00	16.39 -1.14 13.94	35.56 -1.52 5.09	-14.41 -1.61 55.85	-25.79 -1.45 66.50	-25.52 -1.38 61.69	-25.42 -1.23 58.05	-25.25 -1.12 53.50	-24.92 -1.12 50.93	-24.71 -1.04 53.84	-24.94 -1.06 60.72	-25.41 -1.29 65.26	-25.73 -1.55 21.45	21.17 -1.41 0.00	45.62 -1.46 0.00	46.01 -1.59 0.00	44.10 -1.68 0.00	32.99 -1.64 11.78	-25.90 -1.40 69.32	18.26 -0.99 14.13
CHAUTAUQUA___LFGE 323629	31.10 -1.41 0.00	27.63 -1.42 0.00	26.31 -1.15 0.00	26.59 -1.15 0.07	29.96 -0.89 0.00	30.78 -0.69 0.00	41.11 -1.05 0.00	41.27 -0.27 1.50	40.72 -0.51 0.94	38.41 -0.51 0.00	37.65 0.17 0.00	33.72 -0.20 0.00	29.38 -0.31 0.00	26.78 -0.47 0.00	29.39 -0.58 0.00	35.99 -0.60 0.00	40.38 -0.70 0.00	42.91 -1.12 0.00	45.52 -1.04 0.52	46.19 -1.41 0.00	44.65 -1.13 0.00	45.79 -0.63 0.00	45.03 0.21 0.00	33.86 0.48 0.00
CHERRYST_13_KV_LD 356241	41.99 2.33 -7.15	31.11 2.05 0.00	29.39 1.92 0.00	29.80 2.00 0.00	34.02 2.29 -0.89	45.57 2.37 -11.73	49.66 3.36 -4.14	51.34 3.54 -4.76	47.29 3.22 -1.91	65.43 2.83 -23.68	54.61 2.67 -14.45	53.66 2.48 -17.26	53.31 2.19 -21.43	68.50 2.00 -39.24	48.69 2.22 -16.50	39.51 2.91 0.00	44.52 3.44 0.00	47.68 3.65 0.00	51.03 3.95 0.00	51.70 4.09 0.00	49.75 3.96 0.00	50.09 3.68 0.00	48.29 3.47 0.00	35.82 2.44 0.00

CHESTROR_138KV_BK263 355645	33.84 1.33 0.00	30.24 1.18 0.00	28.58 1.12 0.00	28.98 1.17 0.00	32.21 1.37 0.00	32.87 1.40 0.00	44.12 1.96 0.00	45.13 2.09 0.00	44.03 1.87 0.00	40.57 1.66 0.00	39.01 1.52 0.00	35.35 1.43 0.00	29.04 1.26 1.91	9.59 1.13 18.80	31.22 1.25 0.00	38.28 1.68 0.00	43.09 2.02 0.00	46.21 2.17 0.00	49.51 2.43 0.00	50.16 2.56 0.00	48.22 2.44 0.00	48.66 2.24 0.00	46.79 1.97 0.00	34.77 1.38 0.00
CH_MIDHUDSON___DRP 24192	34.22 1.71 0.00	30.57 1.52 0.00	28.91 1.44 0.00	29.31 1.50 0.00	32.53 1.69 0.00	33.20 1.73 0.00	44.63 2.47 0.00	45.64 2.60 0.00	44.54 2.38 0.00	41.04 2.13 0.00	39.50 2.01 0.00	35.79 1.87 0.00	31.36 1.66 0.00	28.76 1.51 0.00	31.62 1.65 0.00	38.71 2.11 0.00	43.56 2.48 0.00	46.72 2.68 0.00	50.09 3.01 0.00	50.79 3.19 0.00	48.86 3.08 0.00	49.27 2.85 0.00	47.37 2.55 0.00	35.16 1.78 0.00
CH_MISC_IPPS 23765	34.34 1.84 0.00	30.69 1.63 0.00	29.00 1.54 0.00	29.40 1.59 0.00	32.66 1.82 0.00	33.35 1.87 0.00	44.83 2.67 0.00	45.86 2.82 0.00	44.76 2.60 0.00	41.25 2.33 0.00	39.68 2.19 0.00	35.96 2.04 0.00	31.48 1.79 0.00	28.89 1.63 0.00	31.76 1.80 0.00	38.93 2.33 0.00	43.82 2.74 0.00	47.00 2.97 0.00	50.40 3.32 0.00	51.10 3.50 0.00	49.13 3.35 0.00	49.54 3.12 0.00	47.61 2.79 0.00	35.33 1.95 0.00
CH_RES_BVR_FALLS 23983	31.86 -0.65 0.00	28.46 -0.60 0.00	26.86 -0.61 0.00	27.21 -0.59 0.00	30.20 -0.65 0.00	30.85 -0.63 0.00	41.35 -0.80 0.00	42.21 -0.83 0.00	41.41 -0.74 0.00	38.26 -0.65 0.00	36.81 -0.68 0.00	33.25 -0.67 0.00	29.02 -0.67 0.00	26.60 -0.66 0.00	29.24 -0.73 0.00	35.70 -0.90 0.00	40.00 -1.08 0.00	42.92 -1.11 0.00	45.90 -1.18 0.00	46.42 -1.18 0.00	44.67 -1.11 0.00	45.54 -0.87 0.00	44.22 -0.60 0.00	33.01 -0.38 0.00
CH_RES_NIAGARA 23895	29.72 -2.79 0.00	26.57 -2.49 0.00	25.15 -2.31 0.00	25.21 -2.54 0.06	28.32 -2.52 0.00	29.11 -2.37 0.00	38.67 -3.49 0.00	38.38 -3.21 1.45	38.28 -2.97 0.91	36.47 -2.44 0.00	35.94 -1.55 0.00	32.21 -1.71 0.00	27.99 -1.70 0.00	25.65 -1.61 0.00	28.26 -1.70 0.00	34.56 -2.04 0.00	38.21 -2.86 0.00	40.53 -3.51 0.00	42.47 -4.11 0.50	43.32 -4.28 0.00	41.86 -3.93 0.00	42.81 -3.61 0.00	41.90 -2.92 0.00	31.56 -1.82 0.00
CH_RES_SYRACUSE 23985	32.31 -0.20 0.00	28.87 -0.18 0.00	27.32 -0.15 0.00	27.66 -0.15 0.00	30.70 -0.15 0.00	31.33 -0.15 0.00	41.95 -0.21 0.00	42.96 -0.08 0.00	42.07 -0.09 0.00	38.84 -0.08 0.00	37.50 0.01 0.00	33.91 -0.01 0.00	29.71 0.02 0.00	27.25 -0.01 0.00	29.95 -0.01 0.00	36.56 -0.05 0.00	41.04 -0.03 0.00	43.93 -0.10 0.00	46.93 -0.15 0.00	47.43 -0.17 0.00	45.65 -0.13 0.00	46.21 -0.20 0.00	44.58 -0.24 0.00	33.17 -0.21 0.00
CLINTON_WT_PWR 323605	31.72 -0.79 0.00	28.29 -0.77 0.00	26.58 -0.89 0.00	26.88 -0.93 0.00	29.79 -1.06 0.00	17.39 -1.15 12.93	35.91 -1.53 4.72	-10.43 -1.64 51.83	-21.05 -1.49 61.72	-21.00 -1.39 58.53	-21.03 -1.27 57.25	-21.07 -1.12 53.88	-21.04 -1.09 49.64	-21.02 -1.01 47.26	-21.04 -1.05 49.96	-21.05 -1.30 56.34	-20.99 -1.52 60.56	22.72 -1.42 19.90	45.58 -1.49 0.00	45.96 -1.64 0.00	44.07 -1.71 0.00	33.80 -1.69 10.93	-20.97 -1.47 64.33	19.25 -1.02 13.11
CLINTON___LFGE 323618	32.11 -0.40 0.00	28.60 -0.46 0.00	26.87 -0.59 0.00	27.19 -0.61 0.00	30.13 -0.72 0.00	17.50 -0.78 13.20	36.40 -0.94 4.82	-10.86 -1.02 52.89	-21.74 -0.93 62.97	-21.72 -0.92 59.72	-21.68 -0.75 58.42	-21.74 -0.69 54.98	-21.70 -0.73 50.66	-21.63 -0.65 48.23	-21.68 -0.66 50.98	-21.75 -0.85 57.50	-21.69 -0.97 61.80	22.87 -0.86 20.31	46.27 -0.81 0.00	46.69 -0.91 0.00	44.75 -1.04 0.00	34.23 -1.03 11.15	-21.70 -0.88 65.64	19.37 -0.64 13.38
COBBLENY_34_KV_TB1 80064	32.23 -0.28 0.00	28.79 -0.26 0.00	27.27 -0.20 0.00	27.59 -0.19 0.03	30.86 0.01 0.00	31.59 0.11 0.00	42.18 0.02 0.00	43.20 0.73 0.57	42.29 0.49 0.36	39.20 0.29 0.00	38.15 0.66 0.00	34.25 0.33 0.00	29.98 0.28 0.00	27.42 0.16 0.00	30.06 0.09 0.00	36.87 0.27 0.00	41.32 0.24 0.00	43.85 -0.19 0.00	46.62 -0.26 0.19	47.32 -0.28 0.00	45.87 0.09 0.00	46.63 0.21 0.00	45.21 0.38 0.00	33.78 0.40 0.00
COFFEEN___115KV_TB3 355620	31.59 -0.92 0.00	28.19 -0.87 0.00	26.61 -0.85 0.00	26.98 -0.83 0.00	30.03 -0.82 0.00	31.38 -0.65 -0.55	42.22 -0.14 -0.20	45.31 0.08 -2.19	45.03 0.27 -2.60	41.46 0.07 -2.47	39.48 -0.43 -2.41	35.60 -0.59 -2.27	31.24 -0.55 -2.10	28.49 -0.76 -2.00	31.29 -0.78 -2.11	37.93 -1.06 -2.38	42.26 -1.38 -2.56	43.80 -1.08 -0.84	46.11 -0.97 0.00	46.99 -0.61 0.00	45.40 -0.38 0.00	46.39 -0.49 -0.46	47.19 -0.35 -2.72	33.72 -0.22 -0.55
COLDSPRG_115KV_BK1 355956	32.12 -0.39 0.00	28.57 -0.48 0.00	27.14 -0.32 0.00	27.46 -0.31 0.03	30.84 -0.01 0.00	31.67 0.20 0.00	42.41 0.25 0.00	43.37 1.09 0.76	42.52 0.84 0.47	39.66 0.75 0.00	38.78 1.29 0.00	34.78 0.86 0.00	30.35 0.66 0.00	27.73 0.47 0.00	30.40 0.44 0.00	37.25 0.65 0.00	41.74 0.66 0.00	44.35 0.31 0.00	47.21 0.40 0.26	47.78 0.18 0.00	46.23 0.45 0.00	47.23 0.81 0.00	46.14 1.31 0.00	34.59 1.21 0.00
COLONIE_LFGE___ 323577	33.56 1.05 0.00	30.00 0.94 0.00	28.35 0.89 0.00	28.75 0.94 0.00	31.82 0.97 0.00	32.46 0.98 0.00	43.57 1.41 0.00	44.17 1.13 0.00	43.27 1.11 0.00	39.95 1.03 0.00	38.31 0.82 0.00	34.65 0.72 0.00	30.37 0.67 0.00	27.94 0.69 0.00	30.76 0.80 0.00	37.54 0.94 0.00	42.22 1.14 0.00	45.32 1.28 0.00	48.57 1.49 0.00	49.26 1.67 0.00	47.39 1.61 0.00	47.92 1.50 0.00	46.08 1.26 0.00	34.23 0.85 0.00
COOPERNY_115KV_TB1 80082	33.48 0.97 0.00	29.91 0.86 0.00	28.28 0.81 0.00	28.66 0.85 0.00	31.86 1.01 0.00	32.51 1.04 0.00	43.60 1.45 0.00	44.67 1.63 0.00	43.67 1.51 0.00	40.27 1.36 0.00	38.74 1.25 0.00	35.04 1.12 0.00	29.64 0.94 0.99	18.33 0.86 9.79	30.91 0.95 0.00	37.87 1.27 0.00	42.58 1.51 0.00	45.66 1.62 0.00	48.88 1.81 0.00	49.48 1.88 0.00	47.58 1.80 0.00	48.07 1.65 0.00	46.29 1.47 0.00	34.42 1.03 0.00
COPENHAGEN_WT_PWR 323753	30.96 -1.55 0.00	27.64 -1.42 0.00	26.10 -1.37 0.00	26.46 -1.35 0.00	29.45 -1.40 0.00	30.72 -1.27 -0.52	41.37 -0.98 -0.19	44.34 -0.77 -2.06	44.06 -0.56 -2.46	40.56 -0.68 -2.33	38.61 -1.16 -2.28	34.80 -1.27 -2.15	30.53 -1.15 -1.98	27.89 -1.26 -1.89	30.60 -1.35 -1.99	37.10 -1.75 -2.25	41.38 -2.11 -2.42	42.88 -1.95 -0.79	45.12 -1.96 0.00	45.93 -1.67 0.00	44.36 -1.42 0.00	45.33 -1.52 -0.44	46.16 -1.23 -2.57	33.12 -0.79 -0.52
CORNELL_____ 23752	32.88 0.37 0.00	29.37 0.31 0.00	27.80 0.33 0.00	28.17 0.34 -0.02	31.27 0.43 0.00	31.97 0.49 0.00	42.95 0.79 0.00	44.61 1.00 -0.57	43.50 0.99 -0.35	39.75 0.83 0.00	38.31 0.82 0.00	34.60 0.68 0.00	30.28 0.58 0.00	27.72 0.46 0.00	30.50 0.54 0.00	37.32 0.72 0.00	41.97 0.89 0.00	44.99 0.96 0.00	48.32 1.06 -0.19	48.63 1.03 0.00	46.85 1.06 0.00	47.39 0.97 0.00	45.71 0.89 0.00	33.96 0.57 0.00

CORONA__69_KV_TB1 355595	34.73 2.45 0.23	30.99 1.93 0.00	29.26 1.79 0.00	29.65 1.84 0.00	32.82 2.04 0.06	32.74 2.15 0.88	45.04 3.19 0.31	46.09 3.40 0.36	44.66 2.65 0.14	40.39 2.54 1.06	42.71 2.70 -2.52	45.13 2.61 -8.60	38.09 2.28 -6.11	71.68 2.09 -42.32	38.70 2.26 -6.47	39.21 2.61 0.00	44.14 3.06 0.00	47.46 3.42 0.00	50.90 3.82 0.00	51.79 4.14 -0.05	49.73 3.91 -0.04	50.24 3.78 -0.04	48.11 3.28 -0.01	37.60 2.36 -1.86
CORTLAND__115KV_TB3 80093	32.73 0.22 0.00	29.24 0.18 0.00	27.66 0.19 0.00	28.00 0.19 0.00	31.12 0.27 0.00	31.78 0.31 0.00	42.66 0.50 0.00	43.74 0.70 0.00	42.82 0.66 0.00	39.44 0.52 0.00	37.98 0.49 0.00	34.34 0.42 0.00	30.07 0.38 0.00	27.56 0.30 0.00	30.31 0.34 0.00	37.06 0.46 0.00	41.67 0.59 0.00	44.64 0.61 0.00	47.75 0.67 0.00	48.24 0.64 0.00	46.46 0.68 0.00	47.01 0.59 0.00	45.36 0.53 0.00	33.72 0.34 0.00
COXSACKIE__GT 23611	34.17 1.66 0.00	30.56 1.50 0.00	28.88 1.42 0.00	29.28 1.47 0.00	32.46 1.61 0.00	33.18 1.71 0.00	44.54 2.38 0.00	45.18 2.14 0.00	44.41 2.25 0.00	41.04 2.13 0.00	39.19 1.70 0.00	35.27 1.35 0.00	30.71 1.01 0.00	28.07 0.81 0.00	30.81 0.85 0.00	37.72 1.11 0.00	42.61 1.53 0.00	46.17 2.14 0.00	50.00 2.93 0.00	50.81 3.21 0.00	48.82 3.04 0.00	49.27 2.85 0.00	47.29 2.47 0.00	35.12 1.74 0.00
CPV__VALLEY__CC1 323721	33.60 1.09 0.00	30.02 0.96 0.00	28.38 0.91 0.00	28.77 0.97 0.00	31.98 1.14 0.00	32.63 1.16 0.00	43.77 1.61 0.00	44.77 1.73 0.00	43.70 1.54 0.00	40.28 1.36 0.00	38.74 1.25 0.00	35.10 1.18 0.00	29.33 1.04 1.40	14.43 0.95 13.78	31.00 1.04 0.00	38.01 1.41 0.00	42.75 1.67 0.00	45.85 1.82 0.00	49.11 2.04 0.00	49.73 2.13 0.00	47.81 2.03 0.00	48.25 1.84 0.00	46.42 1.60 0.00	34.52 1.13 0.00
CPV__VALLEY__CC2 323722	33.60 1.09 0.00	30.02 0.96 0.00	28.38 0.91 0.00	28.77 0.97 0.00	31.98 1.14 0.00	32.63 1.16 0.00	43.77 1.61 0.00	44.77 1.73 0.00	43.70 1.54 0.00	40.28 1.36 0.00	38.74 1.25 0.00	35.10 1.18 0.00	29.33 1.04 1.40	14.43 0.95 13.78	31.00 1.04 0.00	38.01 1.41 0.00	42.75 1.67 0.00	45.85 1.82 0.00	49.11 2.04 0.00	49.73 2.13 0.00	47.81 2.03 0.00	48.25 1.84 0.00	46.42 1.60 0.00	34.52 1.13 0.00
CRESCENT__HYD 24018	33.56 1.05 0.00	30.00 0.94 0.00	28.35 0.89 0.00	28.75 0.94 0.00	31.82 0.97 0.00	32.46 0.98 0.00	43.57 1.41 0.00	44.17 1.13 0.00	43.27 1.11 0.00	39.95 1.03 0.00	38.31 0.82 0.00	34.65 0.72 0.00	30.37 0.67 0.00	27.94 0.69 0.00	30.76 0.80 0.00	37.54 0.94 0.00	42.22 1.14 0.00	45.32 1.28 0.00	48.57 1.49 0.00	49.26 1.67 0.00	47.39 1.61 0.00	47.92 1.50 0.00	46.08 1.26 0.00	34.23 0.85 0.00
CRICKET__VALLEY_CC1 323756	33.98 1.47 0.00	30.36 1.31 0.00	28.75 1.28 0.00	29.15 1.34 0.00	32.28 1.43 0.00	32.92 1.45 0.00	44.26 2.11 0.00	45.22 2.18 0.00	44.15 2.00 0.00	40.66 1.75 0.00	39.08 1.58 0.00	35.41 1.49 0.00	31.82 1.37 -0.75	35.90 1.26 -7.38	31.36 1.40 0.00	38.30 1.70 0.00	43.06 1.99 0.00	46.18 2.14 0.00	49.52 2.45 0.00	50.27 2.67 0.00	48.41 2.63 0.00	48.80 2.38 0.00	46.85 2.03 0.00	34.80 1.41 0.00
CRICKET__VALLEY_CC2 323757	33.98 1.47 0.00	30.36 1.31 0.00	28.75 1.28 0.00	29.15 1.34 0.00	32.28 1.43 0.00	32.92 1.45 0.00	44.26 2.11 0.00	45.22 2.18 0.00	44.15 2.00 0.00	40.66 1.75 0.00	39.08 1.58 0.00	35.41 1.49 0.00	31.82 1.37 -0.75	35.90 1.26 -7.38	31.36 1.40 0.00	38.30 1.70 0.00	43.06 1.99 0.00	46.18 2.14 0.00	49.52 2.45 0.00	50.27 2.67 0.00	48.41 2.63 0.00	48.80 2.38 0.00	46.85 2.03 0.00	34.80 1.41 0.00
CRICKET__VALLEY_CC3 323758	33.98 1.47 0.00	30.36 1.31 0.00	28.75 1.28 0.00	29.15 1.34 0.00	32.28 1.43 0.00	32.92 1.45 0.00	44.26 2.11 0.00	45.22 2.18 0.00	44.15 2.00 0.00	40.66 1.75 0.00	39.08 1.58 0.00	35.41 1.49 0.00	31.82 1.37 -0.75	35.90 1.26 -7.38	31.36 1.40 0.00	38.30 1.70 0.00	43.06 1.99 0.00	46.18 2.14 0.00	49.52 2.45 0.00	50.27 2.67 0.00	48.41 2.63 0.00	48.80 2.38 0.00	46.85 2.03 0.00	34.80 1.41 0.00
CRUCIBLE__METL_DRP 24180	32.31 -0.20 0.00	28.88 -0.18 0.00	27.32 -0.15 0.00	27.66 -0.15 0.00	30.70 -0.15 0.00	31.33 -0.15 0.00	41.94 -0.21 0.00	42.95 -0.09 0.00	42.07 -0.09 0.00	38.84 -0.07 0.00	37.50 0.01 0.00	33.91 -0.01 0.00	29.71 0.02 0.00	27.24 -0.01 0.00	29.95 -0.01 0.00	36.56 -0.05 0.00	41.04 -0.03 0.00	43.93 -0.10 0.00	46.92 -0.15 0.00	47.43 -0.17 0.00	45.65 -0.13 0.00	46.21 -0.21 0.00	44.58 -0.24 0.00	33.17 -0.21 0.00
DAHOWA__HYDRO 323763	33.93 1.42 0.00	30.35 1.30 0.00	28.68 1.22 0.00	29.08 1.27 0.00	32.20 1.36 0.00	32.89 1.42 0.00	44.29 2.13 0.00	44.94 1.90 0.00	43.93 1.77 0.00	40.55 1.64 0.00	38.86 1.37 0.00	35.02 1.10 0.00	30.62 0.92 0.00	28.26 1.00 0.00	31.32 1.36 0.00	38.12 1.52 0.00	42.99 1.91 0.00	46.22 2.18 0.00	49.59 2.51 0.00	50.32 2.72 0.00	48.39 2.61 0.00	48.85 2.44 0.00	46.85 2.02 0.00	34.74 1.35 0.00
DANC__LFGE 323619	31.29 -1.22 0.00	27.95 -1.11 0.00	26.40 -1.06 0.00	26.76 -1.05 0.00	29.75 -1.10 0.00	30.76 -1.06 -0.35	41.30 -0.99 -0.13	43.56 -0.86 -1.39	43.09 -0.72 -1.65	39.72 -0.76 -1.57	38.00 -1.02 -1.53	34.37 -1.00 -1.44	30.13 -0.90 -1.33	27.57 -0.96 -1.27	30.27 -1.03 -1.34	36.74 -1.37 -1.51	41.04 -1.66 -1.63	42.98 -1.59 -0.53	45.44 -1.63 0.00	46.12 -1.47 0.00	44.50 -1.28 0.00	45.34 -1.37 -0.29	45.37 -1.18 -1.73	32.95 -0.78 -0.35
DANSKAMMER__1 23586	34.34 1.84 0.00	30.69 1.63 0.00	29.00 1.54 0.00	29.40 1.59 0.00	32.66 1.82 0.00	33.35 1.87 0.00	44.83 2.67 0.00	45.86 2.82 0.00	44.76 2.60 0.00	41.25 2.33 0.00	39.68 2.19 0.00	35.96 2.04 0.00	31.48 1.79 0.00	28.89 1.63 0.00	31.76 1.80 0.00	38.93 2.33 0.00	43.82 2.74 0.00	47.00 2.97 0.00	50.40 3.32 0.00	51.10 3.50 0.00	49.13 3.35 0.00	49.54 3.12 0.00	47.61 2.79 0.00	35.33 1.95 0.00
DANSKAMMER__2 23589	34.34 1.84 0.00	30.69 1.63 0.00	29.00 1.54 0.00	29.40 1.59 0.00	32.66 1.82 0.00	33.35 1.87 0.00	44.83 2.67 0.00	45.86 2.82 0.00	44.76 2.60 0.00	41.25 2.33 0.00	39.68 2.19 0.00	35.96 2.04 0.00	31.48 1.79 0.00	28.89 1.63 0.00	31.76 1.80 0.00	38.93 2.33 0.00	43.82 2.74 0.00	47.00 2.97 0.00	50.40 3.32 0.00	51.10 3.50 0.00	49.13 3.35 0.00	49.54 3.12 0.00	47.61 2.79 0.00	35.33 1.95 0.00
DANSKAMMER__3 23590	34.34 1.84 0.00	30.69 1.63 0.00	29.00 1.54 0.00	29.40 1.59 0.00	32.66 1.82 0.00	33.35 1.87 0.00	44.83 2.67 0.00	45.86 2.82 0.00	44.76 2.60 0.00	41.25 2.33 0.00	39.68 2.19 0.00	35.96 2.04 0.00	31.48 1.79 0.00	28.89 1.63 0.00	31.76 1.80 0.00	38.93 2.33 0.00	43.82 2.74 0.00	47.00 2.97 0.00	50.40 3.32 0.00	51.10 3.50 0.00	49.13 3.35 0.00	49.54 3.12 0.00	47.61 2.79 0.00	35.33 1.95 0.00

DANSKAMMER___4 23591	34.34 1.84 0.00	30.69 1.63 0.00	29.00 1.54 0.00	29.40 1.59 0.00	32.66 1.82 0.00	33.35 1.87 0.00	44.83 2.67 0.00	45.86 2.82 0.00	44.76 2.60 0.00	41.25 2.33 0.00	39.68 2.19 0.00	35.96 2.04 0.00	31.48 1.79 0.00	28.89 1.63 0.00	31.76 1.80 0.00	38.93 2.33 0.00	43.82 2.74 0.00	47.00 2.97 0.00	50.40 3.32 0.00	51.10 3.50 0.00	49.13 3.35 0.00	49.54 3.12 0.00	47.61 2.79 0.00	35.33 1.95 0.00
DANSKAMMER___DIESEL 23592	34.35 1.84 0.00	30.68 1.62 0.00	29.00 1.54 0.00	29.40 1.59 0.00	32.66 1.82 0.00	33.34 1.87 0.00	44.83 2.67 0.00	45.86 2.82 0.00	44.75 2.60 0.00	41.24 2.33 0.00	39.68 2.19 0.00	35.96 2.04 0.00	31.49 1.79 0.00	28.89 1.64 0.00	31.76 1.80 0.00	38.92 2.33 0.00	43.82 2.74 0.00	47.00 2.97 0.00	50.39 3.32 0.00	51.10 3.50 0.00	49.14 3.35 0.00	49.53 3.12 0.00	47.62 2.79 0.00	35.33 1.95 0.00
DARBY___SOLAR 323810	33.90 1.39 0.00	30.32 1.26 0.00	28.65 1.19 0.00	29.05 1.24 0.00	32.18 1.33 0.00	32.85 1.38 0.00	44.21 2.05 0.00	44.87 1.84 0.00	43.86 1.70 0.00	40.48 1.57 0.00	38.77 1.28 0.00	34.97 1.05 0.00	30.59 0.90 0.00	28.21 0.96 0.00	31.25 1.28 0.00	38.05 1.45 0.00	42.90 1.82 0.00	46.11 2.07 0.00	49.46 2.38 0.00	50.17 2.57 0.00	48.25 2.47 0.00	48.72 2.31 0.00	46.75 1.93 0.00	34.69 1.31 0.00
DASHVILLE___HYD 23610	34.08 1.57 0.00	30.45 1.40 0.00	28.79 1.32 0.00	29.19 1.38 0.00	32.42 1.58 0.00	33.09 1.62 0.00	44.45 2.29 0.00	45.43 2.39 0.00	44.35 2.19 0.00	40.86 1.94 0.00	39.31 1.82 0.00	35.62 1.70 0.00	31.16 1.47 0.00	28.61 1.35 0.00	31.45 1.49 0.00	38.52 1.92 0.00	43.33 2.26 0.00	46.50 2.47 0.00	49.87 2.79 0.00	50.55 2.95 0.00	48.63 2.85 0.00	49.08 2.66 0.00	47.18 2.36 0.00	35.04 1.66 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.36 2.11 0.26	30.61 1.55 0.00	28.89 1.43 0.00	29.30 1.49 0.00	32.43 1.65 0.06	32.40 1.81 0.88	44.60 2.75 0.31	45.60 2.92 0.36	43.82 1.81 0.14	39.31 1.46 1.06	37.88 1.29 0.90	34.00 1.60 1.53	31.51 1.34 -0.47	42.84 1.23 -14.35	29.89 1.25 1.32	37.89 1.29 0.00	42.66 1.58 0.00	46.37 2.34 0.00	50.06 2.98 0.00	51.06 3.47 0.00	48.76 2.99 0.00	49.56 3.15 0.00	47.38 2.56 0.00	34.83 1.60 0.15
DELAWARE___LFGE 323621	33.28 0.76 0.00	29.74 0.68 0.00	28.13 0.67 0.00	28.50 0.70 0.00	31.66 0.82 0.00	32.35 0.88 0.00	43.44 1.28 0.00	44.46 1.42 0.00	43.49 1.33 0.00	40.10 1.19 0.00	38.65 1.16 0.00	34.95 1.03 0.00	30.57 0.88 0.00	28.04 0.78 0.00	30.84 0.87 0.00	37.76 1.15 0.00	42.47 1.39 0.00	45.49 1.46 0.00	48.68 1.61 0.00	49.22 1.62 0.00	47.35 1.56 0.00	47.95 1.53 0.00	46.24 1.42 0.00	34.37 0.98 0.00
DERFIELD_115KV_TB7 355931	32.58 0.06 0.00	29.12 0.06 0.00	27.52 0.06 0.00	27.88 0.07 0.00	30.94 0.09 0.00	31.57 0.09 0.00	42.31 0.15 0.00	43.17 0.13 0.00	42.29 0.13 0.00	39.00 0.08 0.00	37.52 0.03 0.00	33.92 0.00 0.00	29.72 0.03 0.00	27.29 0.04 0.00	30.00 0.04 0.00	36.66 0.06 0.00	41.18 0.11 0.00	44.17 0.13 0.00	47.26 0.18 0.00	47.81 0.21 0.00	46.01 0.22 0.00	46.60 0.18 0.00	44.95 0.13 0.00	33.44 0.06 0.00
DOGLEVILLE___HYD 23807	32.61 0.10 0.00	29.20 0.14 0.00	27.63 0.16 0.00	28.09 0.28 0.00	31.20 0.34 0.00	31.84 0.37 0.00	42.78 0.62 0.00	43.18 0.13 0.00	41.82 -0.34 0.00	38.27 -0.65 0.00	36.34 -1.15 0.00	32.81 -1.11 0.00	28.80 -0.90 0.00	26.88 -0.37 0.00	29.69 -0.27 0.00	36.44 -0.16 0.00	41.41 0.34 0.00	44.75 0.72 0.00	48.14 1.06 0.00	48.82 1.22 0.00	47.02 1.24 0.00	47.46 1.05 0.00	45.35 0.53 0.00	33.45 0.07 0.00
DUNKIRK___115KV_TB_200 55889	31.16 -1.36 0.00	27.70 -1.36 0.00	26.36 -1.11 0.00	26.63 -1.11 0.07	29.99 -0.85 0.00	30.82 -0.66 0.00	41.15 -1.01 0.00	41.25 -0.27 1.53	40.71 -0.49 0.95	38.43 -0.48 0.00	37.64 0.15 0.00	33.71 -0.21 0.00	29.38 -0.31 0.00	26.78 -0.47 0.00	29.39 -0.57 0.00	36.01 -0.59 0.00	40.39 -0.68 0.00	42.91 -1.12 0.00	45.50 -1.05 0.53	46.19 -1.41 0.00	44.65 -1.13 0.00	45.77 -0.64 0.00	44.97 0.15 0.00	33.83 0.44 0.00
DUNKIRK___1 23563	31.16 -1.36 0.00	27.70 -1.36 0.00	26.36 -1.11 0.00	26.63 -1.11 0.07	29.99 -0.85 0.00	30.82 -0.66 0.00	41.15 -1.01 0.00	41.25 -0.27 1.53	40.71 -0.49 0.95	38.43 -0.48 0.00	37.64 0.15 0.00	33.71 -0.21 0.00	29.38 -0.31 0.00	26.78 -0.47 0.00	29.39 -0.57 0.00	36.01 -0.59 0.00	40.39 -0.68 0.00	42.91 -1.12 0.00	45.50 -1.05 0.53	46.19 -1.41 0.00	44.65 -1.13 0.00	45.77 -0.64 0.00	44.97 0.15 0.00	33.83 0.44 0.00
DUNKIRK___2 23564	31.16 -1.36 0.00	27.70 -1.36 0.00	26.36 -1.11 0.00	26.63 -1.11 0.07	29.99 -0.85 0.00	30.82 -0.66 0.00	41.15 -1.01 0.00	41.25 -0.27 1.53	40.71 -0.49 0.95	38.43 -0.48 0.00	37.64 0.15 0.00	33.71 -0.21 0.00	29.38 -0.31 0.00	26.78 -0.47 0.00	29.39 -0.57 0.00	36.01 -0.59 0.00	40.39 -0.68 0.00	42.91 -1.12 0.00	45.50 -1.05 0.53	46.19 -1.41 0.00	44.65 -1.13 0.00	45.77 -0.64 0.00	44.97 0.15 0.00	33.83 0.44 0.00
DUNKIRK___3 23565	31.12 -1.40 0.00	27.69 -1.36 0.00	26.32 -1.15 0.00	26.56 -1.18 0.07	29.90 -0.94 0.00	30.70 -0.78 0.00	40.98 -1.18 0.00	40.91 -0.52 1.62	40.45 -0.69 1.01	38.27 -0.64 0.00	37.45 -0.04 0.00	33.57 -0.35 0.00	29.27 -0.43 0.00	26.70 -0.56 0.00	29.32 -0.65 0.00	35.91 -0.69 0.00	40.22 -0.86 0.00	42.71 -1.32 0.00	45.19 -1.32 0.57	45.98 -1.62 0.00	44.45 -1.33 0.00	45.50 -0.91 0.00	44.64 -0.18 0.00	33.55 0.16 0.00
DUNKIRK___4 23566	31.12 -1.40 0.00	27.69 -1.36 0.00	26.32 -1.15 0.00	26.56 -1.18 0.07	29.90 -0.94 0.00	30.70 -0.78 0.00	40.98 -1.18 0.00	40.91 -0.52 1.62	40.45 -0.69 1.01	38.27 -0.64 0.00	37.45 -0.04 0.00	33.57 -0.35 0.00	29.27 -0.43 0.00	26.70 -0.56 0.00	29.32 -0.65 0.00	35.91 -0.69 0.00	40.22 -0.86 0.00	42.71 -1.32 0.00	45.19 -1.32 0.57	45.98 -1.62 0.00	44.45 -1.33 0.00	45.50 -0.91 0.00	44.64 -0.18 0.00	33.55 0.16 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.53 2.02 0.00	30.83 1.78 0.00	29.14 1.67 0.00	29.54 1.73 0.00	32.82 1.97 0.00	33.50 2.03 0.00	45.06 2.90 0.00	46.10 3.06 0.00	44.93 2.77 0.00	41.34 2.43 0.00	39.77 2.28 0.00	36.06 2.14 0.00	33.37 1.90 -1.78	46.53 1.73 -17.54	31.88 1.92 0.00	39.11 2.51 0.00	44.05 2.97 0.00	47.21 3.18 0.00	50.57 3.50 0.00	51.25 3.65 0.00	49.30 3.52 0.00	49.68 3.26 0.00	47.84 3.02 0.00	35.50 2.12 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.08 1.56 0.00	30.45 1.39 0.00	28.78 1.31 0.00	29.18 1.37 0.00	32.43 1.58 0.00	33.09 1.62 0.00	44.46 2.30 0.00	45.49 2.45 0.00	44.37 2.21 0.00	40.89 1.98 0.00	39.34 1.85 0.00	35.64 1.72 0.00	30.48 1.50 0.71	21.62 1.37 7.01	31.47 1.51 0.00	38.60 2.00 0.00	43.45 2.37 0.00	46.61 2.57 0.00	49.97 2.89 0.00	50.62 3.03 0.00	48.68 2.89 0.00	49.09 2.67 0.00	47.20 2.38 0.00	35.04 1.66 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	41.07 2.15 -6.41	30.99 1.93 -0.01	29.28 1.81 -0.01	29.70 1.88 -0.01	33.94 2.15 -0.94	46.00 2.15 -12.37	47.66 3.07 -2.43	46.49 3.21 -0.24	45.23 2.97 -0.10	54.45 2.50 -13.04	43.42 2.34 -3.59	36.61 2.18 -0.51	34.00 1.94 -2.36	47.21 1.76 -18.19	37.92 2.03 -5.93	39.28 2.68 0.00	44.26 3.19 0.01	47.39 3.36 0.01	50.73 3.66 0.00	51.39 3.79 0.00	49.48 3.70 0.00	49.82 3.40 0.00	48.07 3.25 0.00	37.44 2.29 -1.76
E179THST_13_KV_LOAD 356214	41.21 2.29 -6.41	31.11 2.04 -0.01	29.38 1.91 -0.01	29.80 1.98 -0.01	34.06 2.27 -0.94	46.13 2.28 -12.37	47.83 3.25 -2.43	46.68 3.41 -0.24	45.41 3.15 -0.10	54.63 2.67 -13.04	43.60 2.51 -3.59	36.76 2.34 -0.51	34.15 2.09 -2.36	47.34 1.90 -18.19	38.06 2.17 -5.93	39.45 2.85 0.00	44.46 3.39 0.01	47.61 3.58 0.01	50.97 3.89 0.00	51.63 4.03 0.00	49.71 3.92 0.00	50.05 3.63 0.00	48.28 3.46 0.00	37.58 2.44 -1.76
EAST HAMPTON___GT 23717	33.65 1.40 0.26	30.00 0.94 0.00	28.29 0.82 0.00	28.70 0.89 0.00	31.76 0.98 0.06	31.78 1.19 0.88	43.69 1.84 0.31	44.73 2.05 0.36	42.97 0.96 0.14	38.51 0.66 1.06	37.06 0.47 0.90	33.24 0.85 1.53	30.82 0.65 -0.47	42.23 0.61 -14.36	29.20 0.56 1.32	37.05 0.45 0.00	41.75 0.67 0.00	45.42 1.39 0.00	49.12 2.04 0.00	50.14 2.55 0.00	47.87 2.09 0.00	48.65 2.23 0.00	46.46 1.64 0.00	34.18 0.95 0.15
EAST RIVER___6 23660	42.06 2.31 -7.23	31.09 2.04 0.00	29.37 1.90 0.00	29.79 1.98 0.00	34.01 2.27 -0.90	45.78 2.34 -11.97	49.71 3.32 -4.23	51.38 3.48 -4.85	47.28 3.17 -1.95	65.66 2.78 -23.96	54.73 2.62 -14.62	53.81 2.43 -17.46	53.50 2.14 -21.66	68.72 1.96 -39.50	48.84 2.18 -16.69	39.46 2.86 0.00	44.47 3.39 0.00	47.63 3.59 0.00	50.99 3.91 0.00	51.66 4.06 0.00	49.71 3.92 0.00	50.06 3.65 0.00	48.28 3.45 0.00	35.81 2.43 0.00
EAST RIVER___7 23524	42.06 2.31 -7.23	31.09 2.04 0.00	29.37 1.90 0.00	29.79 1.98 0.00	34.01 2.27 -0.90	45.78 2.34 -11.97	49.71 3.32 -4.23	51.38 3.48 -4.85	47.28 3.17 -1.95	65.66 2.78 -23.96	54.73 2.62 -14.62	53.81 2.43 -17.46	53.50 2.14 -21.66	68.72 1.96 -39.50	48.84 2.18 -16.69	39.46 2.86 0.00	44.47 3.39 0.00	47.63 3.59 0.00	50.99 3.91 0.00	51.66 4.06 0.00	49.71 3.92 0.00	50.06 3.65 0.00	48.28 3.45 0.00	35.81 2.43 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.59 1.91 -0.17	30.74 1.68 0.00	29.05 1.59 0.00	29.45 1.65 0.00	32.76 1.88 -0.03	33.87 1.93 -0.47	45.08 2.75 -0.17	46.13 2.90 -0.19	44.85 2.61 -0.08	41.79 2.30 -0.57	40.00 2.16 -0.35	36.36 2.02 -0.41	33.90 1.78 -2.42	48.55 1.64 -19.66	32.17 1.81 -0.40	38.98 2.38 0.00	43.90 2.82 0.00	47.06 3.02 0.00	50.41 3.33 0.00	51.08 3.49 0.00	49.15 3.37 0.00	49.53 3.11 0.00	47.67 2.85 0.00	35.37 1.99 0.00
EAST_HAMPTON___DIESEL 23722	33.54 1.29 0.26	29.89 0.83 0.00	28.20 0.73 0.00	28.60 0.79 0.00	31.65 0.86 0.06	31.67 1.07 0.88	43.54 1.69 0.31	44.57 1.89 0.36	42.81 0.79 0.14	38.37 0.51 1.06	36.93 0.34 0.90	33.12 0.73 1.53	30.71 0.54 -0.47	42.12 0.51 -14.36	29.09 0.45 1.32	36.92 0.32 0.00	41.61 0.53 0.00	45.26 1.23 0.00	48.96 1.88 0.00	49.98 2.38 0.00	47.71 1.93 0.00	48.49 2.08 0.00	46.31 1.49 0.00	34.06 0.83 0.15
EAST_POINT___SOLAR 323840	34.37 1.86 0.00	30.70 1.64 0.00	29.01 1.54 0.00	29.40 1.59 0.00	32.68 1.84 0.00	33.52 2.04 0.00	45.13 2.97 0.00	46.05 3.01 0.00	44.67 2.51 0.00	40.63 1.71 0.00	38.81 1.32 0.00	35.33 1.42 0.00	30.69 1.00 0.00	28.46 1.20 0.00	31.79 1.82 0.00	38.95 2.35 0.00	43.85 2.78 0.00	47.37 3.34 0.00	50.74 3.66 0.00	51.30 3.70 0.00	49.37 3.59 0.00	50.06 3.65 0.00	48.16 3.33 0.00	35.70 2.32 0.00
EAST_PULASKI___ESR 323781	31.67 -0.84 0.00	28.29 -0.76 0.00	26.75 -0.72 0.00	27.10 -0.71 0.00	30.10 -0.75 0.00	30.69 -0.78 0.00	41.26 -0.90 0.00	42.20 -0.84 0.00	41.41 -0.75 0.00	38.19 -0.72 0.00	36.71 -0.78 0.00	33.24 -0.68 0.00	29.09 -0.60 0.00	26.64 -0.61 0.00	29.29 -0.67 0.00	35.68 -0.92 0.00	39.97 -1.11 0.00	42.91 -1.13 0.00	45.90 -1.17 0.00	46.47 -1.13 0.00	44.76 -1.02 0.00	45.32 -1.10 0.00	43.81 -1.01 0.00	32.68 -0.70 0.00
EAST_RIVER___1 323558	41.88 2.25 -7.12	31.04 1.98 0.00	29.32 1.86 0.00	29.73 1.93 0.00	33.93 2.21 -0.88	45.42 2.28 -11.66	49.51 3.23 -4.12	51.16 3.39 -4.73	47.12 3.06 -1.90	65.20 2.69 -23.60	54.41 2.53 -14.40	53.47 2.35 -17.20	53.13 2.08 -21.36	68.32 1.89 -39.17	48.51 2.10 -16.44	39.37 2.77 0.00	44.36 3.29 0.00	47.53 3.49 0.00	50.86 3.79 0.00	51.54 3.94 0.00	49.60 3.82 0.00	49.95 3.53 0.00	48.16 3.34 0.00	35.73 2.35 0.00
EAST_RIVER___2 323559	42.06 2.31 -7.23	31.09 2.04 0.00	29.37 1.90 0.00	29.79 1.98 0.00	34.01 2.27 -0.90	45.78 2.34 -11.97	49.71 3.32 -4.23	51.38 3.48 -4.85	47.28 3.17 -1.95	65.66 2.78 -23.96	54.73 2.62 -14.62	53.81 2.43 -17.46	53.50 2.14 -21.66	68.72 1.96 -39.50	48.84 2.18 -16.69	39.46 2.86 0.00	44.47 3.39 0.00	47.63 3.59 0.00	50.99 3.91 0.00	51.66 4.06 0.00	49.71 3.92 0.00	50.06 3.65 0.00	48.28 3.45 0.00	35.81 2.43 0.00
EAST___DELAWARE_HYD 23607	34.28 1.77 0.00	30.81 1.75 0.00	29.26 1.80 0.00	29.68 1.87 0.00	32.99 2.14 0.00	33.72 2.25 0.00	45.31 3.16 0.00	46.43 3.38 0.00	45.34 3.18 0.00	41.81 2.89 0.00	40.26 2.77 0.00	36.34 2.42 0.00	31.18 2.06 0.57	23.57 1.91 5.60	32.09 2.12 0.00	39.36 2.76 0.00	44.27 3.19 0.00	47.57 3.53 0.00	51.05 3.98 0.00	51.68 4.08 0.00	49.67 3.89 0.00	50.08 3.67 0.00	48.13 3.31 0.00	35.74 2.36 0.00
EIGHT_POINT___WT_PWR 323820	30.10 -2.41 0.00	27.07 -1.99 0.00	25.62 -1.85 -0.01	26.02 -2.03 -0.24	28.90 -1.94 0.00	29.41 -2.06 0.00	39.37 -2.79 0.00	46.07 -2.33 -5.36	43.12 -2.38 -3.34	36.62 -2.30 0.00	35.48 -2.01 0.00	31.79 -2.13 0.00	27.80 -1.90 0.00	25.43 -1.83 0.00	27.91 -2.06 0.00	34.16 -2.44 0.00	38.22 -2.86 0.00	40.81 -3.23 0.00	45.65 -3.28 -1.85	44.37 -3.22 0.00	43.15 -2.63 0.00	44.16 -2.26 0.00	43.05 -1.77 0.00	32.46 -0.92 0.00
ELBRIDGE_115KV_TB2 80188	32.18 -0.33 0.00	28.75 -0.30 0.00	27.20 -0.26 0.00	27.55 -0.26 0.00	30.55 -0.30 0.00	31.19 -0.28 0.00	41.75 -0.41 0.00	42.76 -0.28 0.00	41.87 -0.28 0.00	38.65 -0.26 0.00	37.32 -0.17 0.00	33.75 -0.17 0.00	29.56 -0.14 0.00	27.10 -0.16 0.00	29.80 -0.17 0.00	36.38 -0.22 0.00	40.85 -0.23 0.00	43.73 -0.31 0.00	46.66 -0.41 0.00	47.18 -0.42 0.00	45.42 -0.36 0.00	45.99 -0.43 0.00	44.39 -0.43 0.00	33.01 -0.38 0.00
ELEC_TRO_TEK 24086	34.56 2.28 0.23	30.83 1.78 0.00	29.12 1.66 0.00	29.51 1.70 0.00	32.68 1.90 0.06	32.60 2.00 0.88	44.86 3.01 0.31	45.90 3.22 0.36	44.52 2.51 0.14	40.24 2.39 1.06	40.56 2.48 -0.59	39.25 2.44 -2.90	34.76 2.13 -2.94	55.78 1.94 -26.58	34.16 2.11 -2.09	39.03 2.43 0.00	43.96 2.88 0.00	47.23 3.19 0.00	50.63 3.55 0.00	51.48 3.86 -0.02	49.43 3.63 -0.02	49.90 3.47 -0.01	47.83 3.01 0.00	36.28 2.17 -0.73

ELLENBURG_WT_PWR 323604	31.72 -0.79 0.00	28.29 -0.77 0.00	26.58 -0.89 0.00	26.88 -0.93 0.00	29.79 -1.06 0.00	17.39 -1.15 12.93	35.91 -1.53 4.72	-10.43 -1.64 51.83	-21.05 -1.49 61.72	-21.00 -1.39 58.53	-21.03 -1.27 57.25	-21.07 -1.12 53.88	-21.04 -1.09 49.64	-21.02 -1.01 47.26	-21.04 -1.05 49.96	-21.05 -1.30 56.34	-20.99 -1.52 60.56	22.72 -1.42 19.90	45.58 -1.49 0.00	45.96 -1.64 0.00	44.07 -1.71 0.00	33.80 -1.69 10.93	-20.97 -1.47 64.33	19.25 -1.02 13.11
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.51 -2.00 0.00	27.25 -1.81 0.00	25.81 -1.65 0.00	25.89 -1.84 0.08	29.13 -1.72 0.00	29.92 -1.55 0.00	39.83 -2.33 0.00	39.16 -1.97 1.91	39.14 -1.83 1.19	37.46 -1.45 0.00	36.79 -0.69 0.00	33.00 -0.92 0.00	28.73 -0.97 0.00	26.29 -0.97 0.00	28.95 -1.01 0.00	35.40 -1.20 0.00	39.28 -1.79 0.00	41.69 -2.35 0.00	43.65 -2.76 0.66	44.69 -2.91 0.00	43.20 -2.58 0.00	44.20 -2.22 0.00	43.14 -1.68 0.00	32.46 -0.93 0.00
EMPIRE_CC_1 323656	33.65 1.14 0.00	30.11 1.05 0.00	28.46 0.99 0.00	28.85 1.05 0.00	31.92 1.07 0.00	32.55 1.08 0.00	43.57 1.41 0.00	43.68 0.64 0.00	42.85 0.69 0.00	39.59 0.67 0.00	37.93 0.44 0.00	34.36 0.44 0.00	30.17 0.47 0.00	27.74 0.49 0.00	30.40 0.44 0.00	37.43 0.83 0.00	42.21 1.13 0.00	45.28 1.25 0.00	48.51 1.44 0.00	49.19 1.59 0.00	47.34 1.56 0.00	47.87 1.46 0.00	46.08 1.26 0.00	34.27 0.89 0.00
EMPIRE_CC_2 323658	33.65 1.14 0.00	30.11 1.05 0.00	28.46 0.99 0.00	28.85 1.05 0.00	31.92 1.07 0.00	32.55 1.08 0.00	43.57 1.41 0.00	43.68 0.64 0.00	42.85 0.69 0.00	39.59 0.67 0.00	37.93 0.44 0.00	34.36 0.44 0.00	30.17 0.47 0.00	27.74 0.49 0.00	30.40 0.44 0.00	37.43 0.83 0.00	42.21 1.13 0.00	45.28 1.25 0.00	48.51 1.44 0.00	49.19 1.59 0.00	47.34 1.56 0.00	47.87 1.46 0.00	46.08 1.26 0.00	34.27 0.89 0.00
ENORWICH_115KV_TB1 80156	32.89 0.38 0.00	29.45 0.39 0.00	28.09 0.62 0.00	28.47 0.65 -0.01	31.51 0.67 0.00	32.27 0.80 0.00	44.04 1.88 0.00	46.37 3.16 -0.17	44.04 1.70 -0.18	40.59 1.68 0.00	39.00 1.51 0.00	34.99 1.07 0.00	30.44 0.75 0.00	27.74 0.49 0.00	30.66 0.69 0.00	37.84 1.24 0.00	42.76 1.68 0.00	46.06 2.03 0.00	49.41 2.24 -0.09	49.57 1.97 0.00	47.78 2.00 0.00	48.31 1.89 0.00	46.72 1.89 0.00	34.54 1.15 0.00
ERIE_ST__34_KV_TB1-2 80199	31.13 -1.18 0.00	27.81 -1.25 0.00	26.32 -1.14 0.00	26.45 -1.29 0.07	29.74 -1.11 0.00	30.50 -0.97 0.00	40.69 -1.47 0.00	40.42 -1.01 1.61	40.21 -0.93 1.01	38.24 -0.67 0.00	37.46 -0.03 0.00	33.59 -0.33 0.00	29.30 -0.40 0.00	26.82 -0.44 0.00	29.51 -0.45 0.00	36.10 -0.50 0.00	40.14 -0.94 0.00	42.60 -1.43 0.00	44.73 -1.79 0.56	45.65 -1.95 0.00	44.15 -1.63 0.00	45.07 -1.34 0.00	43.92 -0.91 0.00	32.98 -0.40 0.00
ERIE_WT_PWR 323693	30.67 -1.84 0.00	27.34 -1.72 0.00	25.92 -1.54 0.00	26.00 -1.73 0.08	29.26 -1.58 0.00	30.04 -1.43 0.00	40.02 -2.14 0.00	39.52 -1.70 1.82	39.42 -1.60 1.14	37.62 -1.30 0.00	36.96 -0.53 0.00	33.16 -0.76 0.00	28.88 -0.82 0.00	26.42 -0.84 0.00	29.10 -0.87 0.00	35.56 -1.04 0.00	39.48 -1.59 0.00	41.91 -2.13 0.00	43.93 -2.51 0.63	44.95 -2.65 0.00	43.48 -2.30 0.00	44.51 -1.91 0.00	43.45 -1.38 0.00	32.66 -0.72 0.00
ESPRGFLD_115KV_TB1 80157	33.67 1.15 0.00	30.07 1.01 0.00	28.42 0.95 0.00	28.81 1.00 0.00	32.04 1.19 0.00	32.81 1.34 0.00	44.18 2.03 0.00	45.33 2.29 0.00	44.21 2.05 0.00	40.68 1.77 0.00	39.15 1.66 0.00	35.45 1.53 0.00	30.90 1.21 0.00	28.35 1.10 0.00	31.42 1.46 0.00	38.40 1.80 0.00	43.15 2.07 0.00	46.37 2.33 0.00	49.59 2.52 0.00	50.05 2.45 0.00	48.17 2.39 0.00	48.89 2.48 0.00	47.16 2.34 0.00	35.02 1.64 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.83 0.32 0.00	29.33 0.27 0.00	27.77 0.30 0.00	28.14 0.31 -0.02	31.24 0.39 0.00	31.92 0.45 0.00	42.87 0.71 0.00	44.44 0.92 -0.48	43.35 0.90 -0.29	39.67 0.76 0.00	38.21 0.72 0.00	34.53 0.61 0.00	30.21 0.51 0.00	27.66 0.40 0.00	30.44 0.47 0.00	37.24 0.64 0.00	41.89 0.81 0.00	44.91 0.87 0.00	48.19 0.96 -0.16	48.52 0.92 0.00	46.75 0.96 0.00	47.29 0.87 0.00	45.61 0.79 0.00	33.88 0.50 0.00
ETNA____115KV_TB2 80207	32.83 0.32 0.00	29.33 0.27 0.00	27.77 0.30 0.00	28.14 0.31 -0.02	31.24 0.39 0.00	31.92 0.45 0.00	42.87 0.71 0.00	44.44 0.92 -0.48	43.35 0.90 -0.29	39.67 0.76 0.00	38.21 0.72 0.00	34.53 0.61 0.00	30.21 0.51 0.00	27.66 0.40 0.00	30.44 0.47 0.00	37.24 0.64 0.00	41.89 0.81 0.00	44.91 0.87 0.00	48.19 0.96 -0.16	48.52 0.92 0.00	46.75 0.96 0.00	47.29 0.87 0.00	45.61 0.79 0.00	33.88 0.50 0.00
EUCLID__115KV_TB2 356179	31.97 -0.54 0.00	28.59 -0.47 0.00	27.04 -0.43 0.00	27.36 -0.45 0.00	30.38 -0.47 0.00	30.97 -0.50 0.00	41.44 -0.71 0.00	42.41 -0.63 0.00	41.56 -0.59 0.00	38.38 -0.54 0.00	37.03 -0.46 0.00	33.50 -0.42 0.00	29.36 -0.33 0.00	26.93 -0.33 0.00	29.60 -0.37 0.00	36.12 -0.48 0.00	40.52 -0.56 0.00	43.39 -0.65 0.00	46.35 -0.73 0.00	46.82 -0.78 0.00	45.06 -0.72 0.00	45.65 -0.77 0.00	44.05 -0.77 0.00	32.81 -0.58 0.00
E_CANADA_CAP_HY 24051	33.86 1.35 0.00	30.25 1.20 0.00	28.57 1.11 0.00	28.95 1.14 0.00	32.18 1.33 0.00	32.98 1.51 0.00	44.31 2.15 0.00	45.29 2.25 0.00	44.02 1.86 0.00	40.37 1.45 0.00	38.73 1.24 0.00	35.14 1.22 0.00	30.56 0.87 0.00	28.18 0.92 0.00	31.43 1.46 0.00	38.35 1.76 0.00	43.03 1.95 0.00	46.40 2.36 0.00	49.64 2.56 0.00	50.13 2.53 0.00	48.30 2.51 0.00	49.14 2.73 0.00	47.39 2.57 0.00	35.19 1.80 0.00
E_CANADA_MHWK_HY 24050	32.61 0.10 0.00	29.20 0.14 0.00	27.63 0.16 0.00	28.09 0.28 0.00	31.20 0.34 0.00	31.84 0.37 0.00	42.78 0.62 0.00	43.18 0.13 0.00	41.82 -0.34 0.00	38.27 -0.65 0.00	36.34 -1.15 0.00	32.81 -1.11 0.00	28.80 -0.90 0.00	26.88 -0.37 0.00	29.69 -0.27 0.00	36.44 -0.16 0.00	41.41 0.34 0.00	44.75 0.72 0.00	48.14 1.06 0.00	48.82 1.22 0.00	47.02 1.24 0.00	47.46 1.05 0.00	45.35 0.53 0.00	33.45 0.07 0.00
E_FISHKILL__LBMP 23776	34.11 1.60 0.00	30.48 1.42 0.00	28.81 1.35 0.00	29.22 1.41 0.00	32.43 1.58 0.00	33.09 1.62 0.00	44.46 2.30 0.00	45.46 2.41 0.00	44.35 2.19 0.00	40.84 1.93 0.00	39.27 1.79 0.00	35.59 1.67 0.00	31.78 1.49 -0.59	34.41 1.38 -5.78	31.48 1.52 0.00	38.56 1.96 0.00	43.39 2.32 0.00	46.53 2.50 0.00	49.84 2.77 0.00	50.52 2.92 0.00	48.61 2.83 0.00	49.03 2.61 0.00	47.16 2.34 0.00	35.02 1.63 0.00
FALCON___SEABRD_CC1 323796	32.07 -0.44 0.00	28.56 -0.50 0.00	26.85 -0.61 0.00	27.18 -0.63 0.00	30.10 -0.75 0.00	17.55 -0.86 13.06	36.34 -1.05 4.77	-10.46 -1.17 52.33	-21.19 -1.03 62.31	-21.16 -0.98 59.09	-21.18 -0.86 57.80	-21.23 -0.76 54.40	-21.18 -0.75 50.12	-21.16 -0.69 47.72	-21.16 -0.68 50.44	-21.15 -0.86 56.89	-21.05 -0.99 61.14	23.05 -0.90 20.10	46.20 -0.88 0.00	46.60 -1.00 0.00	44.65 -1.13 0.00	34.24 -1.14 11.04	-21.12 -0.99 64.95	19.45 -0.70 13.24

FALCON___SEABRD_CC2 323797	32.07 -0.44 0.00	28.56 -0.50 0.00	26.85 -0.61 0.00	27.18 -0.63 0.00	30.10 -0.75 0.00	17.55 -0.86 13.06	36.34 -1.05 4.77	-10.46 -1.17 52.33	-21.19 -1.03 62.31	-21.16 -0.98 59.09	-21.18 -0.86 57.80	-21.23 -0.76 54.40	-21.18 -0.75 50.12	-21.16 -0.69 47.72	-21.16 -0.68 50.44	-21.15 -0.86 56.89	-21.05 -0.99 61.14	23.05 -0.90 20.10	46.20 -0.88 0.00	46.60 -1.00 0.00	44.65 -1.13 0.00	34.24 -1.14 11.04	-21.12 -0.99 64.95	19.45 -0.70 13.24
FAR ROCKAWAY___4 23548	34.94 2.67 0.24	31.17 2.11 0.00	29.42 1.96 0.00	29.81 2.01 0.00	33.00 2.22 0.06	32.94 2.35 0.88	45.33 3.48 0.31	46.39 3.70 0.36	44.92 2.90 0.14	40.62 2.77 1.06	43.20 2.97 -2.74	46.03 2.86 -9.24	38.66 2.50 -6.47	73.66 2.30 -44.11	39.41 2.48 -6.97	39.47 2.87 0.00	44.45 3.38 0.00	47.78 3.74 0.00	51.25 4.17 0.00	52.17 4.52 -0.05	50.10 4.27 -0.05	50.60 4.14 -0.04	48.42 3.59 -0.01	37.96 2.59 -1.99
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.15 2.26 -7.38	31.06 2.00 0.00	29.34 1.87 0.00	29.75 1.94 0.00	34.01 2.24 -0.93	46.15 2.30 -12.37	49.78 3.25 -4.37	51.47 3.42 -5.02	47.26 3.09 -2.01	66.07 2.70 -24.45	54.95 2.54 -14.92	54.10 2.36 -17.82	53.84 2.08 -22.06	69.11 1.91 -39.94	49.11 2.12 -17.03	39.39 2.79 0.00	44.39 3.31 0.00	47.54 3.51 0.00	50.89 3.81 0.00	51.56 3.96 0.00	49.62 3.84 0.00	49.98 3.57 0.00	48.20 3.38 0.00	35.76 2.38 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.15 2.26 -7.38	31.05 1.99 0.00	29.34 1.87 0.00	29.75 1.94 0.00	34.01 2.24 -0.93	46.15 2.30 -12.37	49.78 3.26 -4.37	51.48 3.43 -5.02	47.26 3.09 -2.01	66.07 2.70 -24.45	54.95 2.54 -14.92	54.11 2.37 -17.82	53.84 2.08 -22.06	69.11 1.91 -39.94	49.11 2.12 -17.03	39.38 2.78 0.00	44.39 3.31 0.00	47.55 3.52 0.00	50.90 3.82 0.00	51.57 3.97 0.00	49.64 3.85 0.00	49.99 3.58 0.00	48.21 3.39 0.00	35.77 2.39 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.13 2.24 -7.38	31.04 1.98 0.00	29.32 1.86 0.00	29.74 1.93 0.00	33.99 2.21 -0.93	46.12 2.28 -12.37	49.75 3.22 -4.37	51.44 3.39 -5.02	47.23 3.06 -2.01	66.05 2.68 -24.45	54.93 2.52 -14.92	54.08 2.34 -17.82	53.83 2.07 -22.06	69.09 1.89 -39.94	49.10 2.10 -17.03	39.36 2.76 0.00	44.36 3.29 0.00	47.52 3.49 0.00	50.86 3.79 0.00	51.53 3.93 0.00	49.59 3.81 0.00	49.95 3.53 0.00	48.17 3.35 0.00	35.74 2.35 0.00
FARRAGUT___LBMP 323566	42.11 2.22 -7.38	31.02 1.96 0.00	29.30 1.84 0.00	29.72 1.91 0.00	33.97 2.19 -0.93	46.09 2.25 -12.37	49.71 3.19 -4.37	51.40 3.35 -5.02	47.19 3.02 -2.01	66.01 2.64 -24.45	54.88 2.48 -14.92	54.04 2.30 -17.82	53.79 2.03 -22.06	69.06 1.86 -39.94	49.07 2.07 -17.03	39.32 2.73 0.00	44.32 3.24 0.00	47.48 3.44 0.00	50.82 3.74 0.00	51.48 3.89 0.00	49.55 3.77 0.00	49.91 3.49 0.00	48.15 3.32 0.00	35.71 2.33 0.00
FENNER___WINDPWR 24204	32.74 0.23 0.00	29.27 0.21 0.00	27.67 0.21 0.00	28.00 0.19 0.00	31.08 0.24 0.00	31.77 0.29 0.00	42.73 0.57 0.00	43.76 0.71 0.00	42.91 0.75 0.00	39.48 0.57 0.00	37.98 0.49 0.00	34.34 0.42 0.00	30.05 0.35 0.00	27.57 0.31 0.00	30.35 0.38 0.00	37.13 0.53 0.00	41.78 0.70 0.00	44.79 0.76 0.00	47.84 0.76 0.00	48.37 0.76 0.00	46.56 0.78 0.00	47.13 0.71 0.00	45.46 0.64 0.00	33.78 0.40 0.00
FIBERTEK___ENERGY 23856	32.31 -0.20 0.00	28.88 -0.18 0.00	27.32 -0.15 0.00	27.66 -0.15 0.00	30.70 -0.15 0.00	31.33 -0.15 0.00	41.94 -0.21 0.00	42.95 -0.09 0.00	42.07 -0.09 0.00	38.84 -0.07 0.00	37.50 0.01 0.00	33.91 -0.01 0.00	29.71 0.02 0.00	27.24 -0.01 0.00	29.95 -0.01 0.00	36.56 -0.05 0.00	41.04 -0.03 0.00	43.93 -0.10 0.00	46.92 -0.15 0.00	47.43 -0.17 0.00	45.65 -0.13 0.00	46.21 -0.21 0.00	44.58 -0.24 0.00	33.17 -0.21 0.00
FITZPATRICK____ 23598	31.54 -0.97 0.00	28.20 -0.86 0.00	26.67 -0.79 0.00	26.99 -0.82 0.00	29.94 -0.90 0.00	30.51 -0.97 0.00	40.79 -1.37 0.00	41.69 -1.35 0.00	40.85 -1.30 0.00	37.73 -1.19 0.00	36.40 -1.09 0.00	32.94 -0.98 0.00	28.86 -0.84 0.00	26.49 -0.77 0.00	29.11 -0.85 0.00	35.50 -1.09 0.00	39.82 -1.26 0.00	42.64 -1.39 0.00	45.55 -1.52 0.00	46.02 -1.58 0.00	44.29 -1.49 0.00	44.90 -1.52 0.00	43.34 -1.49 0.00	32.31 -1.08 0.00
FLOWRFLD_69_KV_BK1 356044	34.87 2.61 0.26	31.07 2.01 0.00	29.33 1.87 0.00	29.71 1.91 0.00	32.89 2.10 0.06	32.81 2.22 0.88	45.14 3.29 0.31	46.15 3.47 0.36	44.56 2.54 0.14	40.15 2.30 1.06	38.86 2.26 0.89	34.86 2.43 1.49	32.29 2.10 -0.49	43.59 1.89 -14.45	30.66 1.99 1.29	38.85 2.25 0.00	43.75 2.68 0.00	47.34 3.30 0.00	50.91 3.83 0.00	51.79 4.20 0.00	49.61 3.84 0.00	50.28 3.86 0.00	48.13 3.30 0.00	35.51 2.27 0.14
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.42 1.91 0.00	30.74 1.68 0.00	29.06 1.59 0.00	29.46 1.65 0.00	32.73 1.88 0.00	33.41 1.94 0.00	44.91 2.76 0.00	45.96 2.92 0.00	44.86 2.70 0.00	41.33 2.42 0.00	39.77 2.28 0.00	36.04 2.12 0.00	31.55 1.86 0.00	28.96 1.70 0.00	31.84 1.88 0.00	39.01 2.41 0.00	43.92 2.84 0.00	47.10 3.06 0.00	50.52 3.44 0.00	51.21 3.61 0.00	49.25 3.47 0.00	49.64 3.23 0.00	47.71 2.89 0.00	35.40 2.02 0.00
FORT ORANGE____ 23900	33.30 0.79 0.00	29.82 0.76 0.00	28.18 0.72 0.00	28.57 0.76 0.00	31.64 0.80 0.00	32.29 0.81 0.00	43.18 1.02 0.00	43.70 0.66 0.00	42.87 0.72 0.00	39.61 0.70 0.00	37.93 0.45 0.00	34.33 0.41 0.00	30.13 0.43 0.00	27.66 0.40 0.00	30.28 0.32 0.00	37.14 0.54 0.00	41.84 0.77 0.00	44.98 0.94 0.00	48.24 1.17 0.00	48.93 1.33 0.00	47.07 1.29 0.00	47.59 1.17 0.00	45.77 0.95 0.00	34.08 0.70 0.00
FORT_DRUM_COGEN 23780	31.37 -1.15 0.00	28.00 -1.05 0.00	26.45 -1.02 0.00	26.80 -1.01 0.00	29.84 -1.01 0.00	31.20 -0.85 -0.58	41.91 -0.46 -0.21	45.09 -0.28 -2.33	44.88 -0.05 -2.77	41.32 -0.22 -2.63	39.38 -0.68 -2.57	35.52 -0.82 -2.42	31.17 -0.76 -2.24	28.48 -0.90 -2.13	31.25 -0.97 -2.25	37.87 -1.27 -2.54	42.23 -1.58 -2.73	43.56 -1.37 -0.90	45.76 -1.31 0.00	46.59 -1.01 0.00	45.01 -0.77 0.00	46.04 -0.88 -0.49	47.06 -0.66 -2.90	33.56 -0.42 -0.59
FOX_HILLS___ESR 323835	45.19 2.36 -10.32	31.12 2.05 -0.01	29.39 1.92 -0.01	29.81 2.00 -0.01	34.29 2.31 -1.13	48.83 2.29 -15.07	50.52 3.22 -5.14	52.48 3.47 -5.97	50.97 3.36 -5.45	66.73 2.73 -25.09	54.90 2.50 -14.92	56.17 2.35 -19.91	56.58 2.11 -24.78	72.11 1.95 -42.90	54.94 2.24 -22.74	51.50 3.04 -11.85	48.88 3.35 -4.46	49.42 3.57 -1.81	51.07 3.92 -0.08	51.62 4.03 0.00	50.05 3.99 -0.28	51.62 3.69 -1.51	50.82 3.63 -2.36	50.42 2.53 -14.50
FPL FAR_ROCK_GT1 24212	34.92 2.65 0.24	31.17 2.11 0.00	29.42 1.96 0.00	29.81 2.01 0.00	33.00 2.22 0.06	32.95 2.36 0.88	45.28 3.43 0.31	46.39 3.70 0.36	44.92 2.90 0.14	40.63 2.78 1.06	43.21 2.98 -2.74	46.03 2.87 -9.24	38.67 2.50 -6.47	73.65 2.29 -44.11	39.42 2.48 -6.97	39.48 2.87 0.00	44.45 3.37 0.00	47.77 3.74 0.00	51.26 4.18 0.00	52.17 4.52 -0.05	50.10 4.27 -0.05	50.60 4.14 -0.04	48.42 3.59 -0.01	37.95 2.58 -1.99

FPL FAR_ROCK_GT2 23815	34.92 2.65 0.24	31.17 2.11 0.00	29.42 1.96 0.00	29.81 2.01 0.00	33.00 2.22 0.06	32.95 2.36 0.88	45.28 3.43 0.31	46.39 3.70 0.36	44.92 2.90 0.14	40.63 2.78 1.06	43.21 2.98 -2.74	46.03 2.87 -9.24	38.67 2.50 -6.47	73.65 2.29 -44.11	39.42 2.48 -6.97	39.48 2.87 0.00	44.45 3.37 0.00	47.77 3.74 0.00	51.26 4.18 0.00	52.17 4.52 -0.05	50.10 4.27 -0.05	50.60 4.14 -0.04	48.42 3.59 -0.01	37.95 2.58 -1.99
FRANKLIN_FALL_HYD 24054	31.87 -0.64 0.00	28.43 -0.63 0.00	26.73 -0.74 0.00	27.05 -0.76 0.00	30.00 -0.85 0.00	39.85 -0.89 -9.27	44.47 -1.08 -3.38	79.00 -1.08 -37.04	85.32 -0.90 -44.07	79.88 -0.83 -41.80	77.67 -0.71 -40.89	71.74 -0.69 -38.50	64.50 -0.74 -35.54	60.41 -0.69 -33.84	65.04 -0.69 -35.77	76.06 -0.90 -40.35	83.36 -1.10 -43.38	57.35 -0.94 -14.26	46.08 -1.00 0.00	46.45 -1.15 0.00	44.57 -1.21 0.00	53.13 -1.12 -7.83	90.07 -0.83 -46.08	42.18 -0.60 -9.39
FREEPORT_EQUS_GT1 23764	34.66 2.40 0.25	30.94 1.89 0.00	29.20 1.74 0.00	29.60 1.79 0.00	32.77 1.99 0.06	32.68 2.08 0.88	44.94 3.09 0.31	46.03 3.34 0.36	44.57 2.56 0.14	40.28 2.43 1.06	40.40 2.51 -0.40	38.77 2.53 -2.32	34.49 2.18 -2.62	54.24 1.99 -24.99	33.79 2.18 -1.64	39.08 2.48 0.00	44.03 2.95 0.00	47.37 3.34 0.00	50.83 3.75 0.00	51.69 4.08 -0.02	49.61 3.81 -0.02	50.11 3.68 -0.01	48.00 3.18 0.00	36.28 2.29 -0.61
FREEPORT___CT2 23818	34.66 2.40 0.25	30.94 1.89 0.00	29.20 1.74 0.00	29.60 1.79 0.00	32.77 1.99 0.06	32.68 2.08 0.88	44.94 3.09 0.31	46.03 3.34 0.36	44.57 2.56 0.14	40.28 2.43 1.06	40.40 2.51 -0.40	38.77 2.53 -2.32	34.49 2.18 -2.62	54.24 1.99 -24.99	33.79 2.18 -1.64	39.08 2.48 0.00	44.03 2.95 0.00	47.37 3.34 0.00	50.83 3.75 0.00	51.69 4.08 -0.02	49.61 3.81 -0.02	50.11 3.68 -0.01	48.00 3.18 0.00	36.28 2.29 -0.61
FRESHKLS_33_KV_LOAD 356253	45.11 2.27 -10.32	31.04 1.97 -0.01	29.32 1.85 -0.01	29.75 1.93 -0.01	34.23 2.25 -1.13	48.74 2.20 -15.07	50.39 3.09 -5.14	52.36 3.35 -5.97	50.94 3.33 -5.45	66.61 2.61 -25.09	54.73 2.33 -14.92	56.04 2.22 -19.91	56.47 2.00 -24.78	72.02 1.85 -42.90	54.90 2.20 -22.74	51.45 3.00 -11.85	48.72 3.18 -4.46	49.30 3.45 -1.81	50.98 3.83 -0.08	51.53 3.93 0.00	49.97 3.91 -0.28	51.52 3.59 -1.51	50.75 3.57 -2.36	50.34 2.46 -14.50
FULTON COGEN____ 23766	31.78 -0.73 0.00	28.40 -0.66 0.00	26.86 -0.60 0.00	27.23 -0.58 0.00	30.23 -0.62 0.00	30.82 -0.66 0.00	41.25 -0.91 0.00	42.20 -0.84 0.00	41.35 -0.81 0.00	38.18 -0.73 0.00	36.81 -0.68 0.00	33.29 -0.63 0.00	29.20 -0.50 0.00	26.79 -0.47 0.00	29.42 -0.54 0.00	35.89 -0.71 0.00	40.30 -0.78 0.00	43.17 -0.87 0.00	46.12 -0.95 0.00	46.60 -1.00 0.00	44.85 -0.93 0.00	45.42 -1.00 0.00	43.81 -1.02 0.00	32.64 -0.75 0.00
FULTON___LFGE 323630	34.14 1.63 0.00	30.50 1.44 0.00	28.81 1.35 0.00	29.18 1.38 0.00	32.42 1.57 0.00	33.22 1.75 0.00	44.68 2.52 0.00	45.55 2.50 0.00	44.14 1.98 0.00	40.25 1.34 0.00	38.54 1.05 0.00	34.90 0.98 0.00	30.36 0.66 0.00	28.11 0.86 0.00	31.38 1.41 0.00	38.43 1.83 0.00	43.36 2.28 0.00	46.83 2.80 0.00	50.13 3.05 0.00	50.70 3.10 0.00	48.82 3.03 0.00	49.49 3.07 0.00	47.63 2.81 0.00	35.34 1.96 0.00
G.F.CEMENT___DRP 24184	34.14 1.63 0.00	30.57 1.51 0.00	28.89 1.42 0.00	29.28 1.47 0.00	32.43 1.58 0.00	33.13 1.66 0.00	44.71 2.55 0.00	45.39 2.35 0.00	44.33 2.17 0.00	40.93 2.01 0.00	39.21 1.72 0.00	35.29 1.37 0.00	30.86 1.17 0.00	28.48 1.22 0.00	31.63 1.66 0.00	38.43 1.83 0.00	43.39 2.31 0.00	46.70 2.66 0.00	50.14 3.06 0.00	50.91 3.31 0.00	48.95 3.17 0.00	49.36 2.94 0.00	47.24 2.42 0.00	35.01 1.62 0.00
GARDENVILLE___LBMP 24039	30.61 -1.90 0.00	27.32 -1.74 0.00	25.88 -1.58 0.00	25.96 -1.76 0.09	29.22 -1.62 0.00	30.01 -1.46 0.00	39.98 -2.18 0.00	39.15 -1.80 2.09	39.15 -1.70 1.31	37.56 -1.36 0.00	36.87 -0.62 0.00	33.07 -0.85 0.00	28.80 -0.90 0.00	26.35 -0.91 0.00	29.00 -0.96 0.00	35.46 -1.14 0.00	39.39 -1.68 0.00	41.81 -2.22 0.00	43.76 -2.59 0.72	44.86 -2.74 0.00	43.39 -2.40 0.00	44.38 -2.03 0.00	43.34 -1.49 0.00	32.59 -0.80 0.00
GARDNVLA_35_KV_LD 355827	30.71 -1.81 0.00	27.39 -1.67 0.00	25.95 -1.52 0.00	26.03 -1.70 0.08	29.28 -1.56 0.00	30.07 -1.40 0.00	40.07 -2.09 0.00	39.64 -1.68 1.72	39.54 -1.54 1.08	37.72 -1.20 0.00	37.06 -0.43 0.00	33.26 -0.66 0.00	28.95 -0.75 0.00	26.48 -0.77 0.00	29.17 -0.80 0.00	35.65 -0.95 0.00	39.57 -1.51 0.00	42.01 -2.03 0.00	44.06 -2.42 0.60	45.02 -2.58 0.00	43.54 -2.24 0.00	44.55 -1.86 0.00	43.47 -1.35 0.00	32.68 -0.70 0.00
GELCKHM__115KV_LOAD 80723	32.10 -0.41 0.00	28.70 -0.36 0.00	27.13 -0.33 0.00	27.47 -0.33 0.00	30.49 -0.36 0.00	31.10 -0.37 0.00	41.63 -0.53 0.00	42.61 -0.43 0.00	41.74 -0.42 0.00	38.54 -0.37 0.00	37.20 -0.29 0.00	33.65 -0.27 0.00	29.48 -0.21 0.00	27.05 -0.21 0.00	29.73 -0.23 0.00	36.28 -0.32 0.00	40.72 -0.36 0.00	43.59 -0.45 0.00	46.56 -0.52 0.00	47.04 -0.56 0.00	45.28 -0.50 0.00	45.86 -0.56 0.00	44.24 -0.58 0.00	32.94 -0.44 0.00
GENERAL___MILLS 23808	30.67 -1.84 0.00	27.37 -1.68 0.00	25.93 -1.54 0.00	26.01 -1.71 0.08	29.28 -1.57 0.00	30.07 -1.41 0.00	40.04 -2.11 0.00	39.50 -1.72 1.82	39.41 -1.60 1.14	37.66 -1.26 0.00	36.96 -0.53 0.00	33.16 -0.76 0.00	28.88 -0.82 0.00	26.42 -0.84 0.00	29.08 -0.88 0.00	35.57 -1.03 0.00	39.49 -1.59 0.00	41.93 -2.11 0.00	43.95 -2.49 0.63	44.96 -2.64 0.00	43.48 -2.30 0.00	44.48 -1.94 0.00	43.41 -1.41 0.00	32.64 -0.75 0.00
GE_PLASTICS___DRP 24183	33.22 0.71 0.00	29.73 0.67 0.00	28.11 0.64 0.00	28.48 0.67 0.00	31.56 0.71 0.00	32.19 0.72 0.00	43.06 0.91 0.00	43.70 0.66 0.00	42.83 0.67 0.00	39.55 0.63 0.00	37.95 0.46 0.00	34.38 0.46 0.00	30.17 0.47 0.00	27.71 0.45 0.00	30.37 0.41 0.00	37.19 0.59 0.00	41.82 0.75 0.00	44.88 0.85 0.00	48.07 1.00 0.00	48.73 1.13 0.00	46.88 1.10 0.00	47.42 1.00 0.00	45.66 0.84 0.00	33.99 0.60 0.00
GILBOA___1 23756	33.26 0.75 0.00	29.74 0.68 0.00	28.11 0.65 0.00	28.49 0.68 0.00	31.61 0.76 0.00	32.25 0.77 0.00	43.20 1.04 0.00	44.06 1.02 0.00	43.14 0.98 0.00	39.78 0.87 0.00	38.27 0.78 0.00	34.66 0.74 0.00	30.38 0.68 0.00	27.88 0.63 0.00	30.64 0.68 0.00	37.46 0.86 0.00	42.09 1.02 0.00	45.10 1.07 0.00	48.22 1.14 0.00	48.78 1.18 0.00	46.90 1.12 0.00	47.58 1.16 0.00	45.85 1.03 0.00	34.11 0.73 0.00
GILBOA___2 23757	33.26 0.75 0.00	29.74 0.68 0.00	28.11 0.65 0.00	28.49 0.68 0.00	31.61 0.76 0.00	32.25 0.77 0.00	43.20 1.04 0.00	44.06 1.02 0.00	43.14 0.98 0.00	39.78 0.87 0.00	38.27 0.78 0.00	34.66 0.74 0.00	30.38 0.68 0.00	27.88 0.63 0.00	30.64 0.68 0.00	37.46 0.86 0.00	42.09 1.02 0.00	45.10 1.07 0.00	48.22 1.14 0.00	48.78 1.18 0.00	46.90 1.12 0.00	47.58 1.16 0.00	45.85 1.03 0.00	34.11 0.73 0.00

GILBOA___3 23758	33.26 0.75 0.00	29.74 0.68 0.00	28.11 0.65 0.00	28.49 0.68 0.00	31.61 0.76 0.00	32.25 0.77 0.00	43.20 1.04 0.00	44.06 1.02 0.00	43.14 0.98 0.00	39.78 0.87 0.00	38.27 0.78 0.00	34.66 0.74 0.00	30.38 0.68 0.00	27.88 0.63 0.00	30.64 0.68 0.00	37.46 0.86 0.00	42.09 1.02 0.00	45.10 1.07 0.00	48.22 1.14 0.00	48.78 1.18 0.00	46.90 1.12 0.00	47.58 1.16 0.00	45.85 1.03 0.00	34.11 0.73 0.00
GILBOA___4 23759	33.26 0.75 0.00	29.74 0.68 0.00	28.11 0.65 0.00	28.49 0.68 0.00	31.61 0.76 0.00	32.25 0.77 0.00	43.20 1.04 0.00	44.06 1.02 0.00	43.14 0.98 0.00	39.78 0.87 0.00	38.27 0.78 0.00	34.66 0.74 0.00	30.38 0.68 0.00	27.88 0.63 0.00	30.64 0.68 0.00	37.46 0.86 0.00	42.09 1.02 0.00	45.10 1.07 0.00	48.22 1.14 0.00	48.78 1.18 0.00	46.90 1.12 0.00	47.58 1.16 0.00	45.85 1.03 0.00	34.11 0.73 0.00
GILBOA___ 23599	33.26 0.75 0.00	29.73 0.67 0.00	28.11 0.64 0.00	28.49 0.68 0.00	31.61 0.76 0.00	32.24 0.77 0.00	43.20 1.04 0.00	44.06 1.02 0.00	43.14 0.98 0.00	39.78 0.87 0.00	38.27 0.78 0.00	34.66 0.74 0.00	30.38 0.68 0.00	27.89 0.63 0.00	30.65 0.68 0.00	37.46 0.86 0.00	42.09 1.02 0.00	45.10 1.07 0.00	48.22 1.14 0.00	48.78 1.18 0.00	46.90 1.12 0.00	47.58 1.16 0.00	45.85 1.03 0.00	34.11 0.73 0.00
GINNA___ 23603	30.36 -2.15 0.00	27.13 -1.93 0.00	25.65 -1.82 0.00	25.90 -1.91 0.00	28.86 -1.99 0.00	29.58 -1.89 0.00	39.57 -2.58 0.00	40.66 -2.38 0.00	39.91 -2.25 0.00	36.98 -1.94 0.00	35.95 -1.53 0.00	32.43 -1.49 0.00	28.30 -1.39 0.00	25.94 -1.32 0.00	28.53 -1.43 0.00	34.85 -1.75 0.00	38.94 -2.13 0.00	41.59 -2.45 0.00	44.22 -2.86 0.00	44.46 -3.14 0.00	42.85 -2.94 0.00	43.50 -2.92 0.00	42.08 -2.74 0.00	31.42 -1.97 0.00
GLEN PARK___ 23778	31.49 -1.02 0.00	28.10 -0.95 0.00	26.54 -0.93 0.00	26.90 -0.91 0.00	29.94 -0.91 0.00	31.29 -0.74 -0.55	42.08 -0.28 -0.20	45.18 -0.06 -2.21	44.92 0.13 -2.62	41.35 -0.05 -2.49	39.38 -0.54 -2.43	35.52 -0.69 -2.29	31.17 -0.64 -2.12	28.43 -0.84 -2.02	31.22 -0.87 -2.13	37.84 -1.16 -2.40	42.18 -1.48 -2.58	43.68 -1.21 -0.85	45.96 -1.11 0.00	46.83 -0.77 0.00	45.25 -0.53 0.00	46.24 -0.65 -0.47	47.08 -0.48 -2.74	33.63 -0.31 -0.56
GLENDALE_27_KV_LOAD 356172	43.33 2.45 -8.37	31.22 2.16 -0.01	29.48 2.01 -0.01	29.91 2.09 -0.01	34.37 2.39 -1.13	48.98 2.44 -15.07	50.95 3.46 -5.32	52.79 3.64 -6.11	47.99 3.38 -2.46	69.54 2.89 -27.73	57.13 2.73 -16.91	56.65 2.53 -20.21	56.71 2.24 -24.78	72.21 2.05 -42.90	51.57 2.30 -19.32	42.13 3.03 -2.50	51.79 3.60 -7.11	50.96 3.81 -3.12	51.29 4.14 -0.08	51.87 4.27 0.00	50.22 4.16 -0.28	51.42 3.86 -1.14	48.67 3.69 -0.15	43.54 2.60 -7.56
GLENWOOD_IC_1_G5 23712	34.58 2.30 0.24	30.93 1.88 0.00	29.21 1.74 0.00	29.61 1.80 0.00	32.81 2.03 0.06	32.71 2.11 0.88	44.95 3.11 0.31	46.00 3.31 0.36	44.79 2.78 0.14	40.40 2.55 1.06	39.95 2.55 0.09	37.23 2.45 -0.87	33.64 2.14 -1.80	50.19 1.97 -20.97	32.65 2.16 -0.52	39.21 2.61 0.00	44.18 3.11 0.00	47.41 3.37 0.00	50.80 3.72 0.00	51.60 3.99 -0.01	49.57 3.78 -0.01	50.00 3.58 -0.01	48.01 3.19 0.00	35.98 2.27 -0.32
GLENWOOD_IC_2_G1 23688	34.29 2.10 0.32	30.84 1.78 0.00	29.13 1.66 0.00	29.54 1.73 0.00	32.73 1.95 0.06	32.62 2.03 0.88	44.78 2.93 0.31	45.81 3.12 0.36	44.68 2.67 0.14	40.27 2.42 1.06	39.21 2.37 0.65	35.41 2.26 0.77	32.57 1.98 -0.89	45.51 1.82 -16.43	31.22 2.00 0.74	39.08 2.49 0.00	44.01 2.93 0.00	47.23 3.19 0.00	50.60 3.53 0.00	51.34 3.74 0.00	49.35 3.57 0.00	49.78 3.37 0.00	47.84 3.02 0.00	35.52 2.14 0.00
GLENWOOD_IC_3_G1 23689	34.29 2.10 0.32	30.84 1.78 0.00	29.13 1.66 0.00	29.54 1.73 0.00	32.73 1.95 0.06	32.62 2.03 0.88	44.78 2.93 0.31	45.81 3.12 0.36	44.68 2.67 0.14	40.27 2.42 1.06	39.21 2.37 0.65	35.41 2.26 0.77	32.57 1.98 -0.89	45.51 1.82 -16.43	31.22 2.00 0.74	39.08 2.49 0.00	44.01 2.93 0.00	47.23 3.19 0.00	50.60 3.53 0.00	51.34 3.74 0.00	49.35 3.57 0.00	49.78 3.37 0.00	47.84 3.02 0.00	35.52 2.14 0.00
GLENWOOD___4 23550	34.58 2.30 0.24	30.93 1.88 0.00	29.21 1.74 0.00	29.61 1.80 0.00	32.81 2.03 0.06	32.71 2.11 0.88	44.95 3.11 0.31	46.00 3.31 0.36	44.79 2.78 0.14	40.40 2.55 1.06	39.95 2.55 0.09	37.23 2.45 -0.87	33.64 2.14 -1.80	50.19 1.97 -20.97	32.65 2.16 -0.52	39.21 2.61 0.00	44.18 3.11 0.00	47.41 3.37 0.00	50.80 3.72 0.00	51.60 3.99 -0.01	49.57 3.78 -0.01	50.00 3.58 -0.01	48.01 3.19 0.00	35.98 2.27 -0.32
GLENWOOD___5 23614	34.58 2.30 0.24	30.93 1.88 0.00	29.21 1.74 0.00	29.61 1.80 0.00	32.81 2.03 0.06	32.71 2.11 0.88	44.95 3.11 0.31	46.00 3.31 0.36	44.79 2.78 0.14	40.40 2.55 1.06	39.95 2.55 0.09	37.23 2.45 -0.87	33.64 2.14 -1.80	50.19 1.97 -20.97	32.65 2.16 -0.52	39.21 2.61 0.00	44.18 3.11 0.00	47.41 3.37 0.00	50.80 3.72 0.00	51.60 3.99 -0.01	49.57 3.78 -0.01	50.00 3.58 -0.01	48.01 3.19 0.00	35.98 2.27 -0.32
GLOBAL GREEN_PORT_GT1 23814	34.10 1.85 0.26	30.40 1.34 0.00	28.69 1.22 0.00	29.09 1.28 0.00	32.20 1.42 0.06	32.21 1.61 0.88	44.27 2.42 0.31	45.34 2.66 0.36	43.55 1.54 0.14	39.08 1.23 1.06	37.62 1.04 0.90	33.76 1.37 1.53	31.27 1.10 -0.47	42.64 1.02 -14.36	29.66 1.01 1.32	37.60 1.00 0.00	42.37 1.29 0.00	46.07 2.04 0.00	49.79 2.71 0.00	50.81 3.22 0.00	48.51 2.74 0.00	49.31 2.90 0.00	47.11 2.29 0.00	34.64 1.40 0.15
GLOBE___DSASP 323697	29.63 -2.88 0.00	26.50 -2.56 0.00	25.08 -2.38 0.00	25.14 -2.61 0.06	28.25 -2.59 0.00	29.03 -2.44 0.00	38.55 -3.61 0.00	38.27 -3.33 1.44	38.17 -3.09 0.90	36.37 -2.54 0.00	35.83 -1.66 0.00	32.11 -1.80 0.00	27.91 -1.78 0.00	25.57 -1.68 0.00	28.18 -1.79 0.00	34.45 -2.15 0.00	38.09 -2.99 0.00	40.41 -3.63 0.00	42.33 -4.25 0.50	43.19 -4.41 0.00	41.72 -4.06 0.00	42.68 -3.74 0.00	41.77 -3.06 0.00	31.46 -1.92 0.00
GOETHSLN___LBMP 323567	41.97 2.08 -7.38	30.90 1.84 0.00	29.19 1.72 0.00	29.60 1.79 0.00	33.86 2.08 -0.93	45.99 2.14 -12.37	49.54 3.01 -4.37	51.18 3.13 -5.02	46.93 2.75 -2.01	65.78 2.41 -24.45	54.65 2.25 -14.92	53.84 2.10 -17.82	53.60 1.84 -22.06	60.54 1.67 -31.61	48.87 1.87 -17.03	39.13 2.53 0.00	44.14 3.06 0.00	47.28 3.24 0.00	50.60 3.52 0.00	51.24 3.64 0.00	49.31 3.53 0.00	49.68 3.26 0.00	48.10 3.27 0.00	35.65 2.26 0.00
GOLAH___69_KV_TB 1_2 80279	31.66 -0.85 0.00	28.29 -0.77 0.00	26.76 -0.71 0.00	26.98 -0.82 0.01	30.14 -0.71 0.00	30.92 -0.56 0.00	41.34 -0.82 0.00	42.30 -0.52 0.22	41.63 -0.39 0.14	38.73 -0.18 0.00	37.74 0.25 0.00	33.97 0.05 0.00	29.61 -0.08 0.00	27.12 -0.13 0.00	29.83 -0.13 0.00	36.45 -0.15 0.00	40.67 -0.41 0.00	43.39 -0.64 0.00	46.09 -0.99 0.00	46.37 -1.23 0.00	44.72 -1.06 0.00	45.49 -0.93 0.00	44.10 -0.72 0.00	32.97 -0.41 0.00

GOODYEAR_LAKE_HYD 323669	33.57 1.05 0.00	29.98 0.93 0.00	28.35 0.89 0.00	28.75 0.94 0.00	31.96 1.11 0.00	32.68 1.21 0.00	43.96 1.80 0.00	45.06 2.02 0.00	44.05 1.89 0.00	40.62 1.71 0.00	39.11 1.62 0.00	35.41 1.49 0.00	30.95 1.25 0.00	28.37 1.11 0.00	31.27 1.30 0.00	38.26 1.66 0.00	43.03 1.96 0.00	46.13 2.09 0.00	49.36 2.28 0.00	49.85 2.26 0.00	47.96 2.17 0.00	48.58 2.16 0.00	46.83 2.00 0.00	34.78 1.39 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.75 0.24 0.00	29.24 0.18 0.00	27.68 0.21 0.00	28.04 0.23 0.00	31.20 0.36 0.00	31.85 0.37 0.00	42.68 0.53 0.00	43.88 0.84 0.00	42.88 0.72 0.00	39.44 0.52 0.00	38.01 0.52 0.00	34.32 0.40 0.00	30.06 0.37 0.00	27.53 0.28 0.00	30.24 0.28 0.00	36.98 0.38 0.00	41.61 0.53 0.00	44.46 0.42 0.00	47.60 0.53 0.00	48.10 0.50 0.00	46.36 0.58 0.00	46.93 0.51 0.00	45.37 0.54 0.00	33.76 0.38 0.00
GOUDEY___7 23579	32.75 0.24 0.00	29.24 0.18 0.00	27.68 0.21 0.00	28.04 0.23 0.00	31.20 0.36 0.00	31.85 0.37 0.00	42.68 0.53 0.00	43.88 0.84 0.00	42.88 0.72 0.00	39.44 0.52 0.00	38.01 0.52 0.00	34.32 0.40 0.00	30.06 0.37 0.00	27.53 0.28 0.00	30.24 0.28 0.00	36.98 0.38 0.00	41.61 0.53 0.00	44.46 0.42 0.00	47.60 0.53 0.00	48.10 0.50 0.00	46.36 0.58 0.00	46.93 0.51 0.00	45.37 0.54 0.00	33.76 0.38 0.00
GOUDEY___8 23580	32.75 0.24 0.00	29.24 0.18 0.00	27.68 0.21 0.00	28.04 0.23 0.00	31.20 0.36 0.00	31.85 0.37 0.00	42.68 0.53 0.00	43.88 0.84 0.00	42.88 0.72 0.00	39.44 0.52 0.00	38.01 0.52 0.00	34.32 0.40 0.00	30.06 0.37 0.00	27.53 0.28 0.00	30.24 0.28 0.00	36.98 0.38 0.00	41.61 0.53 0.00	44.46 0.42 0.00	47.60 0.53 0.00	48.10 0.50 0.00	46.36 0.58 0.00	46.93 0.51 0.00	45.37 0.54 0.00	33.76 0.38 0.00
GOWANUS_GT1_1 24077	45.31 2.47 -10.32	31.22 2.16 -0.01	29.48 2.01 -0.01	29.90 2.08 -0.01	34.38 2.40 -1.13	48.96 2.42 -15.07	50.89 3.41 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.53 2.89 -27.73	57.09 2.69 -16.91	56.64 2.51 -20.21	56.71 2.24 -24.78	72.22 2.05 -42.90	59.29 2.34 -26.99	51.58 3.12 -11.85	54.76 3.53 -10.15	50.88 3.72 -3.12	51.20 4.05 -0.08	51.76 4.17 0.00	50.18 4.12 -0.28	51.77 3.84 -1.51	50.94 3.75 -2.36	50.60 2.62 -14.60
GOWANUS_GT1_2 24078	45.31 2.47 -10.32	31.22 2.16 -0.01	29.48 2.01 -0.01	29.90 2.08 -0.01	34.38 2.40 -1.13	48.96 2.42 -15.07	50.89 3.41 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.53 2.89 -27.73	57.09 2.69 -16.91	56.64 2.51 -20.21	56.71 2.24 -24.78	72.22 2.05 -42.90	59.29 2.34 -26.99	51.58 3.12 -11.85	54.76 3.53 -10.15	50.88 3.72 -3.12	51.20 4.05 -0.08	51.76 4.17 0.00	50.18 4.12 -0.28	51.77 3.84 -1.51	50.94 3.75 -2.36	50.60 2.62 -14.60
GOWANUS_GT1_3 24079	45.31 2.47 -10.32	31.22 2.16 -0.01	29.48 2.01 -0.01	29.90 2.08 -0.01	34.38 2.40 -1.13	48.96 2.42 -15.07	50.89 3.41 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.53 2.89 -27.73	57.09 2.69 -16.91	56.64 2.51 -20.21	56.71 2.24 -24.78	72.22 2.05 -42.90	59.29 2.34 -26.99	51.58 3.12 -11.85	54.76 3.53 -10.15	50.88 3.72 -3.12	51.20 4.05 -0.08	51.76 4.17 0.00	50.18 4.12 -0.28	51.77 3.84 -1.51	50.94 3.75 -2.36	50.60 2.62 -14.60
GOWANUS_GT1_4 24080	45.31 2.47 -10.32	31.22 2.16 -0.01	29.48 2.01 -0.01	29.90 2.08 -0.01	34.38 2.40 -1.13	48.96 2.42 -15.07	50.89 3.41 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.53 2.89 -27.73	57.09 2.69 -16.91	56.64 2.51 -20.21	56.71 2.24 -24.78	72.22 2.05 -42.90	59.29 2.34 -26.99	51.58 3.12 -11.85	54.76 3.53 -10.15	50.88 3.72 -3.12	51.20 4.05 -0.08	51.76 4.17 0.00	50.18 4.12 -0.28	51.77 3.84 -1.51	50.94 3.75 -2.36	50.60 2.62 -14.60
GOWANUS_GT1_5 24084	45.31 2.47 -10.32	31.22 2.16 -0.01	29.48 2.01 -0.01	29.90 2.08 -0.01	34.38 2.40 -1.13	48.96 2.42 -15.07	50.89 3.41 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.53 2.89 -27.73	57.09 2.69 -16.91	56.64 2.51 -20.21	56.71 2.24 -24.78	72.22 2.05 -42.90	59.29 2.34 -26.99	51.58 3.12 -11.85	54.76 3.53 -10.15	50.88 3.72 -3.12	51.20 4.05 -0.08	51.76 4.17 0.00	50.18 4.12 -0.28	51.77 3.84 -1.51	50.94 3.75 -2.36	50.60 2.62 -14.60
GOWANUS_GT1_6 24111	45.31 2.47 -10.32	31.22 2.16 -0.01	29.48 2.01 -0.01	29.90 2.08 -0.01	34.38 2.40 -1.13	48.96 2.42 -15.07	50.89 3.41 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.53 2.89 -27.73	57.09 2.69 -16.91	56.64 2.51 -20.21	56.71 2.24 -24.78	72.22 2.05 -42.90	59.29 2.34 -26.99	51.58 3.12 -11.85	54.76 3.53 -10.15	50.88 3.72 -3.12	51.20 4.05 -0.08	51.76 4.17 0.00	50.18 4.12 -0.28	51.77 3.84 -1.51	50.94 3.75 -2.36	50.60 2.62 -14.60
GOWANUS_GT1_7 24112	45.31 2.47 -10.32	31.22 2.16 -0.01	29.48 2.01 -0.01	29.90 2.08 -0.01	34.38 2.40 -1.13	48.96 2.42 -15.07	50.89 3.41 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.53 2.89 -27.73	57.09 2.69 -16.91	56.64 2.51 -20.21	56.71 2.24 -24.78	72.22 2.05 -42.90	59.29 2.34 -26.99	51.58 3.12 -11.85	54.76 3.53 -10.15	50.88 3.72 -3.12	51.20 4.05 -0.08	51.76 4.17 0.00	50.18 4.12 -0.28	51.77 3.84 -1.51	50.94 3.75 -2.36	50.60 2.62 -14.60
GOWANUS_GT1_8 24113	45.31 2.47 -10.32	31.22 2.16 -0.01	29.48 2.01 -0.01	29.90 2.08 -0.01	34.38 2.40 -1.13	48.96 2.42 -15.07	50.89 3.41 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.53 2.89 -27.73	57.09 2.69 -16.91	56.64 2.51 -20.21	56.71 2.24 -24.78	72.22 2.05 -42.90	59.29 2.34 -26.99	51.58 3.12 -11.85	54.76 3.53 -10.15	50.88 3.72 -3.12	51.20 4.05 -0.08	51.76 4.17 0.00	50.18 4.12 -0.28	51.77 3.84 -1.51	50.94 3.75 -2.36	50.60 2.62 -14.60
GOWANUS_GT2_1 24114	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
GOWANUS_GT2_2 24115	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
GOWANUS_GT2_3 24116	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60

GOWANUS_GT2_4 24117	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
GOWANUS_GT2_5 24118	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
GOWANUS_GT2_6 24119	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
GOWANUS_GT2_7 24120	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
GOWANUS_GT2_8 24121	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
GOWANUS_GT3_1 24122	45.31 2.48 -10.32	31.23 2.16 -0.01	29.48 2.01 -0.01	29.90 2.08 -0.01	34.38 2.40 -1.13	48.97 2.42 -15.07	50.89 3.41 -5.32	52.79 3.63 -6.11	51.06 3.45 -5.45	69.51 2.86 -27.73	57.08 2.67 -16.91	56.63 2.51 -20.21	56.72 2.24 -24.78	72.21 2.05 -42.90	59.29 2.34 -26.99	51.58 3.12 -11.85	54.76 3.53 -10.15	50.88 3.72 -3.12	51.21 4.05 -0.08	51.77 4.18 0.00	50.18 4.11 -0.28	51.77 3.84 -1.51	50.94 3.75 -2.37	50.61 2.63 -14.60
GOWANUS_GT3_2 24123	45.31 2.48 -10.32	31.23 2.16 -0.01	29.48 2.01 -0.01	29.90 2.08 -0.01	34.38 2.40 -1.13	48.97 2.42 -15.07	50.89 3.41 -5.32	52.79 3.63 -6.11	51.06 3.45 -5.45	69.51 2.86 -27.73	57.08 2.67 -16.91	56.63 2.51 -20.21	56.72 2.24 -24.78	72.21 2.05 -42.90	59.29 2.34 -26.99	51.58 3.12 -11.85	54.76 3.53 -10.15	50.88 3.72 -3.12	51.21 4.05 -0.08	51.77 4.18 0.00	50.18 4.11 -0.28	51.77 3.84 -1.51	50.94 3.75 -2.37	50.61 2.63 -14.60

GOWANUS_GT4_3 24132	45.31 2.48 -10.32	31.23 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.96 2.42 -15.07	50.91 3.43 -5.32	52.80 3.65 -6.11	51.07 3.47 -5.45	69.54 2.89 -27.73	57.10 2.70 -16.91	56.65 2.52 -20.21	56.73 2.26 -24.78	72.22 2.06 -42.90	59.29 2.35 -26.99	51.59 3.14 -11.85	54.77 3.55 -10.15	50.89 3.74 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.14 -0.28	51.79 3.86 -1.51	50.96 3.77 -2.36	50.62 2.64 -14.60
GOWANUS_GT4_4 24133	45.31 2.48 -10.32	31.23 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.96 2.42 -15.07	50.91 3.43 -5.32	52.80 3.65 -6.11	51.07 3.47 -5.45	69.54 2.89 -27.73	57.10 2.70 -16.91	56.65 2.52 -20.21	56.73 2.26 -24.78	72.22 2.06 -42.90	59.29 2.35 -26.99	51.59 3.14 -11.85	54.77 3.55 -10.15	50.89 3.74 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.14 -0.28	51.79 3.86 -1.51	50.96 3.77 -2.36	50.62 2.64 -14.60
GOWANUS_GT4_5 24134	45.31 2.48 -10.32	31.23 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.96 2.42 -15.07	50.91 3.43 -5.32	52.80 3.65 -6.11	51.07 3.47 -5.45	69.54 2.89 -27.73	57.10 2.70 -16.91	56.65 2.52 -20.21	56.73 2.26 -24.78	72.22 2.06 -42.90	59.29 2.35 -26.99	51.59 3.14 -11.85	54.77 3.55 -10.15	50.89 3.74 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.14 -0.28	51.79 3.86 -1.51	50.96 3.77 -2.36	50.62 2.64 -14.60
GOWANUS_GT4_6 24135	45.31 2.48 -10.32	31.23 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.96 2.42 -15.07	50.91 3.43 -5.32	52.80 3.65 -6.11	51.07 3.47 -5.45	69.54 2.89 -27.73	57.10 2.70 -16.91	56.65 2.52 -20.21	56.73 2.26 -24.78	72.22 2.06 -42.90	59.29 2.35 -26.99	51.59 3.14 -11.85	54.77 3.55 -10.15	50.89 3.74 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.14 -0.28	51.79 3.86 -1.51	50.96 3.77 -2.36	50.62 2.64 -14.60
GOWANUS_GT4_7 24136	45.31 2.48 -10.32	31.23 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.96 2.42 -15.07	50.91 3.43 -5.32	52.80 3.65 -6.11	51.07 3.47 -5.45	69.54 2.89 -27.73	57.10 2.70 -16.91	56.65 2.52 -20.21	56.73 2.26 -24.78	72.22 2.06 -42.90	59.29 2.35 -26.99	51.59 3.14 -11.85	54.77 3.55 -10.15	50.89 3.74 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.14 -0.28	51.79 3.86 -1.51	50.96 3.77 -2.36	50.62 2.64 -14.60
GOWANUS_GT4_8 24137	45.31 2.48 -10.32	31.23 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.96 2.42 -15.07	50.91 3.43 -5.32	52.80 3.65 -6.11	51.07 3.47 -5.45	69.54 2.89 -27.73	57.10 2.70 -16.91	56.65 2.52 -20.21	56.73 2.26 -24.78	72.22 2.06 -42.90	59.29 2.35 -26.99	51.59 3.14 -11.85	54.77 3.55 -10.15	50.89 3.74 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.14 -0.28	51.79 3.86 -1.51	50.96 3.77 -2.36	50.62 2.64 -14.60
GREENBSH_115KV_TB3 55895	33.14 0.63 0.00	29.68 0.62 0.00	28.05 0.59 0.00	28.44 0.63 0.00	31.49 0.64 0.00	32.11 0.64 0.00	42.92 0.76 0.00	43.41 0.37 0.00	42.60 0.44 0.00	39.35 0.44 0.00	37.69 0.20 0.00	34.16 0.24 0.00	30.01 0.32 0.00	27.59 0.34 0.00	30.19 0.22 0.00	37.04 0.44 0.00	41.68 0.60 0.00	44.73 0.70 0.00	47.93 0.85 0.00	48.59 0.99 0.00	46.74 0.96 0.00	47.27 0.85 0.00	45.48 0.66 0.00	33.88 0.49 0.00
GREENIDGE_115KV_TB5 80291	32.13 -0.38 0.00	28.68 -0.37 0.00	27.16 -0.31 0.00	27.57 -0.34 -0.10	30.64 -0.21 0.00	31.35 -0.13 0.00	42.07 -0.09 0.00	45.63 0.27 -2.32	43.80 0.20 -1.44	39.04 0.13 0.00	37.82 0.34 0.00	34.08 0.15 0.00	29.77 0.08 0.00	27.21 -0.04 0.00	29.92 -0.04 0.00	36.60 0.00 0.00	41.07 -0.01 0.00	43.88 -0.16 0.00	47.74 -0.14 -0.80	47.29 -0.31 0.00	45.79 0.00 0.00	46.34 -0.08 0.00	44.88 0.06 0.00	33.47 0.09 0.00
GREENIDGE___3 23582	32.13 -0.38 0.00	28.68 -0.37 0.00	27.16 -0.31 0.00	27.57 -0.34 -0.10	30.64 -0.21 0.00	31.35 -0.13 0.00	42.07 -0.09 0.00	45.63 0.27 -2.32	43.80 0.20 -1.44	39.04 0.13 0.00	37.82 0.34 0.00	34.08 0.15 0.00	29.77 0.08 0.00	27.21 -0.04 0.00	29.92 -0.04 0.00	36.60 0.00 0.00	41.07 -0.01 0.00	43.88 -0.16 0.00	47.74 -0.14 -0.80	47.29 -0.31 0.00	45.79 0.00 0.00	46.34 -0.08 0.00	44.88 0.06 0.00	33.47 0.09 0.00
GREENIDGE___4 23583	32.12 -0.39 0.00	28.68 -0.38 0.00	27.16 -0.30 0.00	27.57 -0.34 -0.10	30.64 -0.21 0.00	31.35 -0.13 0.00	42.06 -0.10 0.00	45.63 0.28 -2.32	43.80 0.20 -1.44	39.04 0.12 0.00	37.82 0.33 0.00	34.08 0.16 0.00	29.77 0.08 0.00	27.21 -0.04 0.00	29.92 -0.04 0.00	36.60 0.00 0.00	41.07 -0.01 0.00	43.88 -0.16 0.00	47.75 -0.13 -0.80	47.29 -0.31 0.00	45.79 0.00 0.00	46.34 -0.08 0.00	44.89 0.07 0.00	33.47 0.09 0.00
GREENLWN_69_KV_BK 3 55738	34.40 2.15 0.26	30.72 1.66 0.00	29.00 1.53 0.00	29.38 1.57 0.00	32.49 1.71 0.06	32.38 1.78 0.88	44.61 2.77 0.31	45.64 2.95 0.36	44.18 2.16 0.14	39.94 2.09 1.06	38.85 2.22 0.86	34.80 2.28 1.40	32.23 2.00 -0.54	43.78 1.81 -14.71	30.66 1.92 1.22	38.73 2.13 0.00	43.60 2.53 0.00	46.96 2.92 0.00	50.38 3.31 0.00	51.20 3.61 0.00	49.12 3.34 0.00	49.64 3.22 0.00	47.60 2.78 0.00	35.26 2.01 0.13
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.31 2.48 -10.32	31.23 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.96 2.42 -15.07	50.91 3.43 -5.32	52.80 3.65 -6.11	51.07 3.47 -5.45	69.54 2.89 -27.73	57.10 2.70 -16.91	56.65 2.52 -20.21	56.73 2.26 -24.78	72.22 2.06 -42.90	59.29 2.35 -26.99	51.59 3.14 -11.85	54.77 3.55 -10.15	50.89 3.74 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.14 -0.28	51.79 3.86 -1.51	50.96 3.77 -2.36	50.62 2.64 -14.60
GRISSOM___SOLAR 323813	34.15 1.64 0.00	30.52 1.46 0.00	28.83 1.36 0.00	29.20 1.39 0.00	32.43 1.58 0.00	33.21 1.73 0.00	44.65 2.49 0.00	45.48 2.44 0.00	44.04 1.88 0.00	40.07 1.16 0.00	38.34 0.85 0.00	34.74 0.82 0.00	30.21 0.52 0.00	28.02 0.76 0.00	31.25 1.29 0.00	38.36 1.77 0.00	43.32 2.24 0.00	46.77 2.73 0.00	50.07 3.00 0.00	50.68 3.07 0.00	48.78 3.00 0.00	49.41 3.00 0.00	47.56 2.73 0.00	35.29 1.91 0.00
GROVEVILLE___HYD 323602	34.42 1.91 0.00	30.74 1.68 0.00	29.06 1.59 0.00	29.46 1.65 0.00	32.73 1.88 0.00	33.41 1.94 0.00	44.91 2.76 0.00	45.96 2.92 0.00	44.86 2.70 0.00	41.33 2.42 0.00	39.77 2.28 0.00	36.04 2.12 0.00	31.55 1.86 0.00	28.96 1.70 0.00	31.84 1.88 0.00	39.01 2.41 0.00	43.92 2.84 0.00	47.10 3.06 0.00	50.52 3.44 0.00	51.21 3.61 0.00	49.25 3.47 0.00	49.64 3.23 0.00	47.71 2.89 0.00	35.40 2.02 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.31 -0.20 0.00	28.88 -0.18 0.00	27.32 -0.15 0.00	27.66 -0.15 0.00	30.70 -0.15 0.00	31.33 -0.15 0.00	41.94 -0.21 0.00	42.95 -0.09 0.00	42.07 -0.09 0.00	38.84 -0.07 0.00	37.50 0.01 0.00	33.91 -0.01 0.00	29.71 0.02 0.00	27.24 -0.01 0.00	29.95 -0.01 0.00	36.56 -0.05 0.00	41.04 -0.03 0.00	43.93 -0.10 0.00	46.92 -0.15 0.00	47.43 -0.17 0.00	45.65 -0.13 0.00	46.21 -0.21 0.00	44.58 -0.24 0.00	33.17 -0.21 0.00

HAMLTNNY_34_KV_TB 80303	32.37 -0.14 0.00	28.93 -0.12 0.00	27.37 -0.10 0.00	27.72 -0.09 0.00	30.76 -0.09 0.00	31.43 -0.04 0.00	42.07 -0.08 0.00	43.12 0.08 0.00	42.21 0.05 0.00	38.97 0.06 0.00	37.75 0.26 0.00	34.14 0.22 0.00	29.89 0.19 0.00	27.39 0.13 0.00	30.12 0.15 0.00	36.78 0.18 0.00	41.46 0.38 0.00	44.40 0.37 0.00	47.42 0.34 0.00	48.01 0.41 0.00	46.19 0.41 0.00	46.76 0.34 0.00	45.05 0.23 0.00	33.49 0.10 0.00
HAMPSHIRE___PAPER_HYD 323593	31.40 -1.11 0.00	28.04 -1.02 0.00	26.47 -1.00 0.00	26.79 -1.02 0.00	29.76 -1.09 0.00	31.96 -0.97 -1.47	41.77 -0.92 -0.54	48.02 -0.89 -5.87	48.49 -0.65 -6.99	44.84 -0.71 -6.63	43.09 -0.88 -6.48	39.09 -0.94 -6.10	34.42 -0.91 -5.64	31.75 -0.87 -5.36	34.68 -0.96 -5.67	41.68 -1.32 -6.40	46.38 -1.58 -6.88	44.80 -1.49 -2.26	45.47 -1.61 0.00	46.07 -1.54 0.00	44.36 -1.42 0.00	46.32 -1.34 -1.24	51.22 -0.91 -7.31	34.27 -0.60 -1.49
HARDSCRABBLE_WT_PWR 323673	32.41 -0.10 0.00	29.02 -0.04 0.00	27.46 -0.01 0.00	27.90 0.09 0.00	30.99 0.14 0.00	31.64 0.16 0.00	42.52 0.36 0.00	42.94 -0.10 0.00	41.69 -0.47 0.00	38.20 -0.72 0.00	36.33 -1.16 0.00	32.79 -1.13 0.00	28.77 -0.92 0.00	26.80 -0.46 0.00	29.57 -0.40 0.00	36.26 -0.34 0.00	41.15 0.07 0.00	44.44 0.40 0.00	47.77 0.69 0.00	48.42 0.82 0.00	46.65 0.87 0.00	47.12 0.70 0.00	45.07 0.25 0.00	33.27 -0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.10 1.59 0.00	30.46 1.40 0.00	28.79 1.32 0.00	29.18 1.37 0.00	32.47 1.62 0.00	33.13 1.65 0.00	44.49 2.33 0.00	45.56 2.52 0.00	44.42 2.27 0.00	40.95 2.03 0.00	39.39 1.90 0.00	35.68 1.76 0.00	29.23 1.54 2.00	8.94 1.40 19.71	31.51 1.55 0.00	38.66 2.06 0.00	43.55 2.47 0.00	46.69 2.66 0.00	50.05 2.98 0.00	50.69 3.09 0.00	48.73 2.95 0.00	49.13 2.71 0.00	47.22 2.40 0.00	35.06 1.68 0.00
HARSNRAD_115KV_TB1 81005	30.18 -2.33 0.00	26.98 -2.07 0.00	25.57 -1.89 0.00	25.65 -2.10 0.06	28.88 -1.96 0.00	29.69 -1.78 0.00	39.44 -2.72 0.00	39.16 -2.48 1.40	38.95 -2.32 0.88	37.08 -1.83 0.00	36.47 -1.02 0.00	32.70 -1.22 0.00	28.43 -1.27 0.00	26.05 -1.21 0.00	28.68 -1.29 0.00	35.05 -1.55 0.00	38.79 -2.29 0.00	41.17 -2.87 0.00	43.18 -3.40 0.49	44.04 -3.56 0.00	42.57 -3.22 0.00	43.54 -2.87 0.00	42.58 -2.25 0.00	32.03 -1.35 0.00
HARZA MOOSE___RIVER 24016	32.11 -0.40 0.00	28.67 -0.38 0.00	27.09 -0.38 0.00	27.46 -0.34 0.00	30.53 -0.32 0.00	31.70 -0.19 -0.42	42.45 0.14 -0.15	44.95 0.24 -1.67	44.60 0.46 -1.98	41.04 0.24 -1.88	39.29 -0.04 -1.84	35.49 -0.17 -1.73	31.11 -0.19 -1.60	28.55 -0.23 -1.53	31.33 -0.25 -1.61	38.09 -0.33 -1.82	42.71 -0.32 -1.96	44.39 -0.29 -0.64	46.88 -0.20 0.00	47.55 -0.05 0.00	45.84 0.06 0.00	46.78 0.01 -0.35	47.03 0.13 -2.08	33.91 0.10 -0.42
HDSNBRDG_115KV_BRDG_TB1 355580	32.11 -0.40 0.00	28.71 -0.35 0.00	27.15 -0.32 0.00	27.48 -0.32 0.00	30.51 -0.34 0.00	31.12 -0.36 0.00	41.65 -0.51 0.00	42.65 -0.39 0.00	41.78 -0.38 0.00	38.58 -0.33 0.00	37.24 -0.25 0.00	33.69 -0.23 0.00	29.51 -0.18 0.00	27.07 -0.18 0.00	29.76 -0.20 0.00	36.32 -0.28 0.00	40.75 -0.32 0.00	43.62 -0.42 0.00	46.60 -0.48 0.00	47.07 -0.53 0.00	45.31 -0.47 0.00	45.88 -0.54 0.00	44.27 -0.55 0.00	32.97 -0.41 0.00
HELLGATE_13_KV_LD 55870	43.37 2.48 -8.37	31.27 2.20 -0.01	29.53 2.06 -0.01	29.95 2.13 -0.01	34.43 2.44 -1.13	49.03 2.49 -15.07	51.01 3.53 -5.32	52.86 3.71 -6.11	48.06 3.45 -2.46	69.60 2.95 -27.73	57.20 2.80 -16.91	56.72 2.59 -20.21	56.77 2.30 -24.78	72.25 2.09 -42.90	51.63 2.35 -19.32	42.20 3.10 -2.50	51.86 3.67 -7.11	51.05 3.90 -3.12	51.37 4.22 -0.08	51.96 4.36 0.00	50.30 4.23 -0.28	51.51 3.95 -1.14	48.74 3.77 -0.15	43.61 2.66 -7.56
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.37 2.48 -8.37	31.27 2.20 -0.01	29.53 2.06 -0.01	29.95 2.13 -0.01	34.43 2.44 -1.13	49.03 2.49 -15.07	51.01 3.53 -5.32	52.86 3.71 -6.11	48.06 3.45 -2.46	69.60 2.95 -27.73	57.20 2.80 -16.91	56.72 2.59 -20.21	56.77 2.30 -24.78	72.25 2.09 -42.90	51.63 2.35 -19.32	42.20 3.10 -2.50	51.86 3.67 -7.11	51.05 3.90 -3.12	51.37 4.22 -0.08	51.96 4.36 0.00	50.30 4.23 -0.28	51.51 3.95 -1.14	48.74 3.77 -0.15	43.61 2.66 -7.56
HEMPSTEAD___ 23647	34.46 2.19 0.24	30.79 1.74 0.00	29.07 1.60 0.00	29.46 1.65 0.00	32.63 1.85 0.06	32.53 1.93 0.88	44.72 2.87 0.31	45.80 3.11 0.36	44.45 2.43 0.14	40.14 2.28 1.06	39.90 2.34 -0.07	37.61 2.34 -1.35	33.80 2.04 -2.07	51.42 1.86 -22.30	32.89 2.04 -0.89	38.95 2.36 0.00	43.89 2.82 0.00	47.16 3.12 0.00	50.57 3.49 0.00	51.41 3.80 -0.01	49.34 3.54 -0.01	49.82 3.39 -0.01	47.75 2.92 0.00	35.91 2.11 -0.42
HEWLETT_69_KV_BK3 55828	34.81 2.53 0.24	31.05 1.99 0.00	29.31 1.85 0.00	29.70 1.89 0.00	32.88 2.10 0.06	32.81 2.22 0.88	45.14 3.29 0.31	46.20 3.52 0.36	44.74 2.72 0.14	40.46 2.61 1.06	43.03 2.80 -2.74	45.87 2.71 -9.24	38.53 2.37 -6.47	73.53 2.17 -44.11	39.28 2.35 -6.97	39.30 2.70 0.00	44.25 3.18 0.00	47.57 3.54 0.00	51.03 3.95 0.00	51.93 4.27 -0.05	49.87 4.04 -0.05	50.37 3.91 -0.04	48.21 3.38 -0.01	37.81 2.45 -1.99
HICKLING___1 23621	32.23 -0.28 0.00	28.74 -0.31 0.00	27.24 -0.23 0.00	27.61 -0.23 -0.03	30.82 -0.03 0.00	31.47 0.00 0.00	42.20 0.04 0.00	44.31 0.55 -0.71	42.96 0.35 -0.45	39.04 0.12 0.00	37.72 0.23 0.00	33.97 0.05 0.00	29.74 0.05 0.00	27.18 -0.08 0.00	29.82 -0.15 0.00	36.52 -0.08 0.00	41.11 0.04 0.00	43.83 -0.20 0.00	47.24 -0.09 -0.25	47.47 -0.13 0.00	45.89 0.11 0.00	46.49 0.07 0.00	45.07 0.25 0.00	33.63 0.24 0.00
HICKLING___2 23622	32.23 -0.28 0.00	28.74 -0.31 0.00	27.24 -0.23 0.00	27.61 -0.23 -0.03	30.82 -0.03 0.00	31.47 0.00 0.00	42.20 0.04 0.00	44.31 0.55 -0.71	42.96 0.35 -0.45	39.04 0.12 0.00	37.72 0.23 0.00	33.97 0.05 0.00	29.74 0.05 0.00	27.18 -0.08 0.00	29.82 -0.15 0.00	36.52 -0.08 0.00	41.11 0.04 0.00	43.83 -0.20 0.00	47.24 -0.09 -0.25	47.47 -0.13 0.00	45.89 0.11 0.00	46.49 0.07 0.00	45.07 0.25 0.00	33.63 0.24 0.00
HIGH FALLS___HY 23754	34.44 1.93 0.00	30.78 1.72 0.00	29.11 1.65 0.00	29.52 1.72 0.00	32.84 1.99 0.00	33.54 2.07 0.00	45.11 2.95 0.00	46.27 3.23 0.00	45.15 2.99 0.00	41.60 2.68 0.00	40.05 2.56 0.00	36.17 2.25 0.00	31.58 1.88 0.00	28.99 1.73 0.00	31.90 1.93 0.00	39.16 2.56 0.00	44.06 2.98 0.00	47.32 3.28 0.00	50.79 3.72 0.00	51.48 3.88 0.00	49.53 3.75 0.00	49.93 3.52 0.00	47.98 3.16 0.00	35.59 2.21 0.00
HIGH_RIVER___SOLAR 323847	33.82 1.31 0.00	30.22 1.16 0.00	28.55 1.08 0.00	28.94 1.13 0.00	32.12 1.27 0.00	32.84 1.37 0.00	44.12 1.96 0.00	44.74 1.70 0.00	43.26 1.10 0.00	39.88 0.97 0.00	38.25 0.76 0.00	34.44 0.52 0.00	30.00 0.30 0.00	27.74 0.49 0.00	31.00 1.03 0.00	37.84 1.24 0.00	42.74 1.66 0.00	46.14 2.10 0.00	49.41 2.33 0.00	50.01 2.41 0.00	48.13 2.35 0.00	48.75 2.33 0.00	46.93 2.10 0.00	34.85 1.47 0.00

HILLBURN___GT 23639	34.07 1.56 0.00	30.44 1.38 0.00	28.76 1.29 0.00	29.16 1.35 0.00	32.46 1.61 0.00	33.11 1.64 0.00	44.46 2.31 0.00	45.55 2.51 0.00	44.39 2.23 0.00	40.92 2.01 0.00	39.33 1.84 0.00	35.64 1.72 0.00	29.08 1.49 2.11	7.80 1.34 20.80	31.46 1.49 0.00	38.63 2.03 0.00	43.52 2.45 0.00	46.67 2.64 0.00	50.01 2.93 0.00	50.63 3.02 0.00	48.66 2.88 0.00	49.05 2.63 0.00	47.13 2.31 0.00	35.00 1.62 0.00
HILLSIDE_115KV_TB1 80332	32.29 -0.22 0.00	28.78 -0.28 0.00	27.29 -0.18 0.00	27.68 -0.15 -0.03	30.87 0.03 0.00	31.50 0.02 0.00	42.24 0.08 0.00	44.28 0.60 -0.64	42.91 0.35 -0.40	38.98 0.06 0.00	37.59 0.10 0.00	33.87 -0.05 0.00	29.68 -0.02 0.00	27.12 -0.14 0.00	29.75 -0.21 0.00	36.45 -0.15 0.00	41.12 0.04 0.00	43.80 -0.23 0.00	47.21 -0.09 -0.22	47.45 -0.14 0.00	45.83 0.05 0.00	46.38 -0.04 0.00	44.94 0.12 0.00	33.50 0.11 0.00
HISHELDN_WT_PWR 323625	30.18 -2.33 0.00	26.93 -2.13 0.00	25.49 -1.97 0.01	25.50 -2.11 0.20	28.83 -2.02 0.00	29.57 -1.90 0.00	39.39 -2.76 0.00	36.15 -2.37 4.52	37.02 -2.31 2.83	36.94 -1.97 0.00	36.18 -1.31 0.00	32.48 -1.44 0.00	28.32 -1.38 0.00	25.91 -1.35 0.00	28.46 -1.50 0.00	34.80 -1.80 0.00	38.69 -2.39 0.00	41.19 -2.85 0.00	42.41 -3.11 1.56	44.46 -3.14 0.00	43.11 -2.67 0.00	44.12 -2.30 0.00	43.07 -1.76 0.00	32.37 -1.02 0.00
HOLTSVILLE_IC_1 23690	34.72 2.47 0.26	30.97 1.91 0.00	29.24 1.77 0.00	29.62 1.81 0.00	32.79 2.01 0.06	32.72 2.12 0.88	44.92 3.07 0.31	45.97 3.29 0.36	44.37 2.35 0.14	39.99 2.14 1.06	38.70 2.12 0.91	34.68 2.30 1.54	32.16 2.00 -0.47	43.38 1.80 -14.33	30.54 1.90 1.33	38.71 2.11 0.00	43.58 2.50 0.00	47.14 3.11 0.00	50.68 3.60 0.00	51.51 3.91 0.00	49.33 3.55 0.00	50.01 3.60 0.00	47.88 3.06 0.00	35.31 2.09 0.15
HOLTSVILLE_IC_10 23699	34.84 2.59 0.26	31.07 2.02 0.00	29.34 1.87 0.00	29.73 1.92 0.00	32.90 2.12 0.06	32.83 2.24 0.88	45.10 3.25 0.31	46.16 3.47 0.36	44.55 2.54 0.14	40.13 2.28 1.06	38.83 2.23 0.89	34.85 2.41 1.48	32.28 2.09 -0.50	43.62 1.88 -14.48	30.67 1.98 1.28	38.85 2.25 0.00	43.73 2.65 0.00	47.33 3.29 0.00	50.90 3.83 0.00	51.75 4.15 0.00	49.56 3.78 0.00	50.25 3.84 0.00	48.08 3.26 0.00	35.46 2.22 0.14
HOLTSVILLE_IC_2 23691	34.72 2.47 0.26	30.97 1.91 0.00	29.24 1.77 0.00	29.62 1.81 0.00	32.79 2.01 0.06	32.72 2.12 0.88	44.92 3.07 0.31	45.97 3.29 0.36	44.37 2.35 0.14	39.99 2.14 1.06	38.70 2.12 0.91	34.68 2.30 1.54	32.16 2.00 -0.47	43.38 1.80 -14.33	30.54 1.90 1.33	38.71 2.11 0.00	43.58 2.50 0.00	47.14 3.11 0.00	50.68 3.60 0.00	51.51 3.91 0.00	49.33 3.55 0.00	50.01 3.60 0.00	47.88 3.06 0.00	35.31 2.09 0.15
HOLTSVILLE_IC_3 23692	34.72 2.47 0.26	30.97 1.91 0.00	29.24 1.77 0.00	29.62 1.81 0.00	32.79 2.01 0.06	32.72 2.12 0.88	44.92 3.07 0.31	45.97 3.29 0.36	44.37 2.35 0.14	39.99 2.14 1.06	38.70 2.12 0.91	34.68 2.30 1.54	32.16 2.00 -0.47	43.38 1.80 -14.33	30.54 1.90 1.33	38.71 2.11 0.00	43.58 2.50 0.00	47.14 3.11 0.00	50.68 3.60 0.00	51.51 3.91 0.00	49.33 3.55 0.00	50.01 3.60 0.00	47.88 3.06 0.00	35.31 2.09 0.15
HOLTSVILLE_IC_4 23693	34.72 2.47 0.26	30.97 1.91 0.00	29.24 1.77 0.00	29.62 1.81 0.00	32.79 2.01 0.06	32.72 2.12 0.88	44.92 3.07 0.31	45.97 3.29 0.36	44.37 2.35 0.14	39.99 2.14 1.06	38.70 2.12 0.91	34.68 2.30 1.54	32.16 2.00 -0.47	43.38 1.80 -14.33	30.54 1.90 1.33	38.71 2.11 0.00	43.58 2.50 0.00	47.14 3.11 0.00	50.68 3.60 0.00	51.51 3.91 0.00	49.33 3.55 0.00	50.01 3.60 0.00	47.88 3.06 0.00	35.31 2.09 0.15
HOLTSVILLE_IC_5 23694	34.72 2.47 0.26	30.97 1.91 0.00	29.24 1.77 0.00	29.62 1.81 0.00	32.79 2.01 0.06	32.72 2.12 0.88	44.92 3.07 0.31	45.97 3.29 0.36	44.37 2.35 0.14	39.99 2.14 1.06	38.70 2.12 0.91	34.68 2.30 1.54	32.16 2.00 -0.47	43.38 1.80 -14.33	30.54 1.90 1.33	38.71 2.11 0.00	43.58 2.50 0.00	47.14 3.11 0.00	50.68 3.60 0.00	51.51 3.91 0.00	49.33 3.55 0.00	50.01 3.60 0.00	47.88 3.06 0.00	35.31 2.09 0.15
HOLTSVILLE_IC_6 23695	34.84 2.59 0.26	31.07 2.02 0.00	29.34 1.87 0.00	29.73 1.92 0.00	32.90 2.12 0.06	32.83 2.24 0.88	45.10 3.25 0.31	46.16 3.47 0.36	44.55 2.54 0.14	40.13 2.28 1.06	38.83 2.23 0.89	34.85 2.41 1.48	32.28 2.09 -0.50	43.62 1.88 -14.48	30.67 1.98 1.28	38.85 2.25 0.00	43.73 2.65 0.00	47.33 3.29 0.00	50.90 3.83 0.00	51.75 4.15 0.00	49.56 3.78 0.00	50.25 3.84 0.00	48.08 3.26 0.00	35.46 2.22 0.14
HOLTSVILLE_IC_7 23696	34.84 2.59 0.26	31.07 2.02 0.00	29.34 1.87 0.00	29.73 1.92 0.00	32.90 2.12 0.06	32.83 2.24 0.88	45.10 3.25 0.31	46.16 3.47 0.36	44.55 2.54 0.14	40.13 2.28 1.06	38.83 2.23 0.89	34.85 2.41 1.48	32.28 2.09 -0.50	43.62 1.88 -14.48	30.67 1.98 1.28	38.85 2.25 0.00	43.73 2.65 0.00	47.33 3.29 0.00	50.90 3.83 0.00	51.75 4.15 0.00	49.56 3.78 0.00	50.25 3.84 0.00	48.08 3.26 0.00	35.46 2.22 0.14
HOLTSVILLE_IC_8 23697	34.84 2.59 0.26	31.07 2.02 0.00	29.34 1.87 0.00	29.73 1.92 0.00	32.90 2.12 0.06	32.83 2.24 0.88	45.10 3.25 0.31	46.16 3.47 0.36	44.55 2.54 0.14	40.13 2.28 1.06	38.83 2.23 0.89	34.85 2.41 1.48	32.28 2.09 -0.50	43.62 1.88 -14.48	30.67 1.98 1.28	38.85 2.25 0.00	43.73 2.65 0.00	47.33 3.29 0.00	50.90 3.83 0.00	51.75 4.15 0.00	49.56 3.78 0.00	50.25 3.84 0.00	48.08 3.26 0.00	35.46 2.22 0.14
HOLTSVILLE_IC_9 23698	34.84 2.59 0.26	31.07 2.02 0.00	29.34 1.87 0.00	29.73 1.92 0.00	32.90 2.12 0.06	32.83 2.24 0.88	45.10 3.25 0.31	46.16 3.47 0.36	44.55 2.54 0.14	40.13 2.28 1.06	38.83 2.23 0.89	34.85 2.41 1.48	32.28 2.09 -0.50	43.62 1.88 -14.48	30.67 1.98 1.28	38.85 2.25 0.00	43.73 2.65 0.00	47.33 3.29 0.00	50.90 3.83 0.00	51.75 4.15 0.00	49.56 3.78 0.00	50.25 3.84 0.00	48.08 3.26 0.00	35.46 2.22 0.14
HOMER_HL_115KV_TB2 355744	32.23 -0.29 0.00	28.77 -0.29 0.00	27.25 -0.22 0.00	27.57 -0.22 0.02	30.83 -0.02 0.00	31.52 0.05 0.00	42.11 -0.05 0.00	43.33 0.65 0.36	42.25 0.32 0.23	39.08 0.16 0.00	38.00 0.51 0.00	34.12 0.20 0.00	29.87 0.17 0.00	27.29 0.03 0.00	29.94 -0.02 0.00	36.75 0.15 0.00	41.16 0.08 0.00	43.71 -0.32 0.00	46.60 -0.35 0.12	47.19 -0.41 0.00	45.77 -0.01 0.00	46.55 0.13 0.00	45.18 0.36 0.00	33.82 0.44 0.00
HOWARD_WT_PWR 323690	30.09 -2.42 0.00	27.07 -1.99 0.00	25.61 -1.86 -0.01	25.98 -2.04 -0.22	28.88 -1.96 0.00	29.40 -2.08 0.00	39.36 -2.80 0.00	45.60 -2.36 -4.91	42.82 -2.40 -3.07	36.60 -2.32 0.00	35.47 -2.02 0.00	31.79 -2.13 0.00	27.79 -1.91 0.00	25.43 -1.83 0.00	27.91 -2.06 0.00	34.15 -2.45 0.00	38.21 -2.87 0.00	40.80 -3.24 0.00	45.50 -3.28 -1.70	44.38 -3.22 0.00	43.15 -2.63 0.00	44.14 -2.28 0.00	43.08 -1.74 0.00	32.48 -0.90 0.00

HQ_GEN_CEDARS 23644	32.49 -0.02 0.00	29.01 -0.05 0.00	27.38 -0.08 0.00	27.67 -0.14 0.00	30.67 -0.18 0.00	32.08 -0.11 -0.72	42.33 -0.08 -0.26	45.78 -0.13 -2.86	45.54 -0.03 -3.41	42.17 0.02 -3.24	40.74 0.08 -3.16	36.95 0.05 -2.98	32.38 -0.06 -2.75	29.82 -0.06 -2.62	32.68 -0.06 -2.77	39.60 -0.12 -3.12	44.18 -0.25 -3.36	44.94 -0.19 -1.10	46.65 -0.42 0.00	46.95 -0.65 0.00	45.09 -0.70 0.00	46.58 -0.44 -0.61	48.55 0.16 -3.56	34.31 0.20 -0.73
HQ_GEN_CEDARS_PROXY 323590	32.49 -0.02 0.00	29.01 -0.05 0.00	27.39 -0.08 0.00	27.67 -0.14 0.00	30.67 -0.18 0.00	32.08 -0.11 -0.72	42.33 -0.08 -0.26	45.77 -0.13 -2.86	45.54 -0.03 -3.41	42.17 0.02 -3.24	40.74 0.08 -3.16	36.95 0.05 -2.98	32.38 -0.06 -2.75	29.82 -0.06 -2.62	32.68 -0.06 -2.77	39.60 -0.13 -3.12	44.18 -0.25 -3.36	44.94 -0.19 -1.10	46.65 -0.42 0.00	46.95 -0.65 0.00	45.08 -0.70 0.00	46.58 -0.44 -0.61	48.55 0.16 -3.56	34.31 0.20 -0.73
HQ_GEN_IMPORT 323601	32.37 -0.14 0.00	28.91 -0.15 0.00	27.32 -0.14 0.00	27.62 -0.18 0.00	30.62 -0.22 0.00	31.28 -0.20 0.00	41.91 -0.25 0.00	42.84 -0.29 -0.09	39.31 -0.24 2.61	38.73 -0.19 0.00	37.36 -0.13 0.00	33.79 -0.13 0.00	29.54 -0.16 0.00	27.10 -0.16 0.00	29.79 -0.17 0.00	36.39 -0.21 0.00	40.79 -0.29 0.00	43.75 -0.28 0.00	46.74 -0.34 0.00	47.20 -0.40 0.00	45.40 -0.45 -0.07	46.12 -0.30 0.00	44.69 -0.13 0.00	33.33 -0.05 0.00
HQ_GEN_WHEEL 23651	32.37 -0.14 0.00	28.91 -0.15 0.00	27.32 -0.14 0.00	27.62 -0.18 0.00	30.62 -0.22 0.00	31.28 -0.20 0.00	41.91 -0.25 0.00	42.84 -0.29 -0.09	39.31 -0.24 2.61	38.73 -0.19 0.00	37.36 -0.13 0.00	33.79 -0.13 0.00	29.54 -0.16 0.00	27.10 -0.16 0.00	29.79 -0.17 0.00	36.39 -0.21 0.00	40.79 -0.29 0.00	43.75 -0.28 0.00	46.74 -0.34 0.00	47.20 -0.40 0.00	45.40 -0.45 -0.07	46.12 -0.30 0.00	44.69 -0.13 0.00	33.33 -0.05 0.00
HUDSON AVE_GT_3 23810	42.17 2.28 -7.38	31.07 2.01 0.00	29.35 1.88 0.00	29.77 1.95 0.00	34.02 2.24 -0.93	46.16 2.31 -12.37	49.79 3.27 -4.37	51.49 3.43 -5.02	47.28 3.10 -2.01	66.09 2.72 -24.45	54.97 2.56 -14.92	54.12 2.38 -17.82	53.86 2.10 -22.06	69.12 1.92 -39.94	49.13 2.13 -17.03	39.40 2.80 0.00	44.41 3.33 0.00	47.57 3.54 0.00	50.91 3.84 0.00	51.60 4.00 0.00	49.65 3.87 0.00	50.02 3.60 0.00	48.23 3.41 0.00	35.78 2.39 0.00
HUDSON AVE_GT_4 23540	42.17 2.28 -7.38	31.07 2.01 0.00	29.35 1.88 0.00	29.77 1.95 0.00	34.02 2.24 -0.93	46.16 2.31 -12.37	49.79 3.27 -4.37	51.49 3.43 -5.02	47.28 3.10 -2.01	66.09 2.72 -24.45	54.97 2.56 -14.92	54.12 2.38 -17.82	53.86 2.10 -22.06	69.12 1.92 -39.94	49.13 2.13 -17.03	39.40 2.80 0.00	44.41 3.33 0.00	47.57 3.54 0.00	50.91 3.84 0.00	51.60 4.00 0.00	49.65 3.87 0.00	50.02 3.60 0.00	48.23 3.41 0.00	35.78 2.39 0.00
HUDSON AVE_GT_5 23657	42.17 2.28 -7.38	31.07 2.01 0.00	29.35 1.88 0.00	29.77 1.95 0.00	34.02 2.24 -0.93	46.16 2.31 -12.37	49.79 3.27 -4.37	51.49 3.43 -5.02	47.28 3.10 -2.01	66.09 2.72 -24.45	54.97 2.56 -14.92	54.12 2.38 -17.82	53.86 2.10 -22.06	69.12 1.92 -39.94	49.13 2.13 -17.03	39.40 2.80 0.00	44.41 3.33 0.00	47.57 3.54 0.00	50.91 3.84 0.00	51.60 4.00 0.00	49.65 3.87 0.00	50.02 3.60 0.00	48.23 3.41 0.00	35.78 2.39 0.00
HUDSON_AVE_10 24168	42.16 2.27 -7.38	31.08 2.02 0.00	29.37 1.90 0.00	29.78 1.97 0.00	34.04 2.26 -0.93	46.17 2.33 -12.37	49.75 3.22 -4.37	51.44 3.39 -5.02	47.25 3.08 -2.01	66.03 2.66 -24.45	54.92 2.51 -14.92	54.06 2.32 -17.82	53.81 2.05 -22.06	69.07 1.87 -39.94	49.10 2.10 -17.03	39.37 2.77 0.00	44.35 3.28 0.00	47.52 3.49 0.00	50.87 3.79 0.00	51.55 3.95 0.00	49.61 3.83 0.00	49.97 3.55 0.00	48.19 3.37 0.00	35.76 2.37 0.00
HUDSON___115KV_TB 4 355613	33.68 1.17 0.00	30.14 1.08 0.00	28.49 1.02 0.00	28.87 1.06 0.00	32.00 1.16 0.00	32.67 1.20 0.00	43.76 1.61 0.00	44.37 1.33 0.00	43.54 1.38 0.00	40.24 1.32 0.00	38.53 1.04 0.00	34.80 0.88 0.00	30.38 0.69 0.00	27.81 0.56 0.00	30.52 0.55 0.00	37.35 0.75 0.00	42.19 1.12 0.00	45.52 1.48 0.00	48.98 1.91 0.00	49.72 2.12 0.00	47.83 2.05 0.00	48.31 1.89 0.00	46.44 1.62 0.00	34.55 1.16 0.00
HUNTER MOUNT___DRP 323613	33.77 1.26 0.00	30.21 1.15 0.00	28.56 1.10 0.00	28.95 1.14 0.00	32.07 1.23 0.00	32.76 1.29 0.00	43.91 1.75 0.00	44.51 1.48 0.00	43.70 1.54 0.00	40.38 1.47 0.00	38.65 1.16 0.00	34.88 0.96 0.00	30.44 0.75 0.00	27.86 0.61 0.00	30.58 0.62 0.00	37.40 0.80 0.00	42.22 1.15 0.00	45.60 1.56 0.00	49.15 2.08 0.00	49.90 2.30 0.00	48.00 2.22 0.00	48.49 2.07 0.00	46.61 1.79 0.00	34.66 1.27 0.00
HUNTINGTON_RES_REC 323705	34.49 2.24 0.26	30.78 1.73 0.00	29.06 1.59 0.00	29.43 1.63 0.00	32.56 1.78 0.06	32.46 1.87 0.88	44.62 2.78 0.31	45.69 3.00 0.36	44.17 2.15 0.14	39.86 2.01 1.06	38.66 2.06 0.89	34.65 2.21 1.48	32.12 1.92 -0.50	43.46 1.72 -14.48	30.49 1.81 1.28	38.61 2.01 0.00	43.46 2.38 0.00	46.94 2.90 0.00	50.43 3.36 0.00	51.29 3.70 0.00	49.17 3.39 0.00	49.76 3.34 0.00	47.69 2.87 0.00	35.26 2.02 0.14
HUNTLEY___63 23557	30.43 -2.08 0.00	27.19 -1.87 0.00	25.74 -1.72 0.00	25.80 -1.94 0.07	29.04 -1.81 0.00	29.83 -1.64 0.00	39.67 -2.49 0.00	39.36 -2.16 1.52	39.26 -1.94 0.95	37.40 -1.52 0.00	36.79 -0.70 0.00	32.99 -0.93 0.00	28.67 -1.03 0.00	26.27 -0.99 0.00	28.94 -1.03 0.00	35.38 -1.22 0.00	39.16 -1.92 0.00	41.56 -2.48 0.00	43.59 -2.96 0.53	44.48 -3.12 0.00	43.00 -2.79 0.00	43.97 -2.44 0.00	42.99 -1.83 0.00	32.32 -1.07 0.00
HUNTLEY___64 23558	30.43 -2.08 0.00	27.19 -1.87 0.00	25.74 -1.72 0.00	25.80 -1.94 0.07	29.04 -1.81 0.00	29.83 -1.64 0.00	39.67 -2.49 0.00	39.36 -2.16 1.52	39.26 -1.94 0.95	37.40 -1.52 0.00	36.79 -0.70 0.00	32.99 -0.93 0.00	28.67 -1.03 0.00	26.27 -0.99 0.00	28.94 -1.03 0.00	35.38 -1.22 0.00	39.16 -1.92 0.00	41.56 -2.48 0.00	43.59 -2.96 0.53	44.48 -3.12 0.00	43.00 -2.79 0.00	43.97 -2.44 0.00	42.99 -1.83 0.00	32.32 -1.07 0.00
HUNTLEY___65 23559	30.43 -2.08 0.00	27.19 -1.87 0.00	25.74 -1.72 0.00	25.80 -1.94 0.07	29.04 -1.81 0.00	29.83 -1.64 0.00	39.67 -2.49 0.00	39.36 -2.16 1.52	39.26 -1.94 0.95	37.40 -1.52 0.00	36.79 -0.70 0.00	32.99 -0.93 0.00	28.67 -1.03 0.00	26.27 -0.99 0.00	28.94 -1.03 0.00	35.38 -1.22 0.00	39.16 -1.92 0.00	41.56 -2.48 0.00	43.59 -2.96 0.53	44.48 -3.12 0.00	43.00 -2.79 0.00	43.97 -2.44 0.00	42.99 -1.83 0.00	32.32 -1.07 0.00
HUNTLEY___66 23560	30.43 -2.08 0.00	27.19 -1.87 0.00	25.74 -1.72 0.00	25.80 -1.94 0.07	29.04 -1.81 0.00	29.83 -1.64 0.00	39.67 -2.49 0.00	39.36 -2.16 1.52	39.26 -1.94 0.95	37.40 -1.52 0.00	36.79 -0.70 0.00	32.99 -0.93 0.00	28.67 -1.03 0.00	26.27 -0.99 0.00	28.94 -1.03 0.00	35.38 -1.22 0.00	39.16 -1.92 0.00	41.56 -2.48 0.00	43.59 -2.96 0.53	44.48 -3.12 0.00	43.00 -2.79 0.00	43.97 -2.44 0.00	42.99 -1.83 0.00	32.32 -1.07 0.00

HUNTLEY___67 23561	30.30 -2.21 0.00	27.07 -1.99 0.00	25.63 -1.83 0.00	25.71 -2.02 0.08	28.91 -1.94 0.00	29.70 -1.78 0.00	39.50 -2.65 0.00	38.95 -2.33 1.76	38.89 -2.17 1.10	37.17 -1.75 0.00	36.53 -0.96 0.00	32.76 -1.16 0.00	28.51 -1.18 0.00	26.10 -1.15 0.00	28.75 -1.22 0.00	35.15 -1.45 0.00	38.97 -2.11 0.00	41.37 -2.67 0.00	43.33 -3.14 0.61	44.30 -3.29 0.00	42.81 -2.97 0.00	43.81 -2.61 0.00	42.78 -2.04 0.00	32.19 -1.20 0.00
HUNTLEY___68 23562	30.30 -2.21 0.00	27.07 -1.99 0.00	25.63 -1.83 0.00	25.71 -2.02 0.08	28.91 -1.94 0.00	29.70 -1.78 0.00	39.50 -2.65 0.00	38.95 -2.33 1.76	38.89 -2.17 1.10	37.17 -1.75 0.00	36.53 -0.96 0.00	32.76 -1.16 0.00	28.51 -1.18 0.00	26.10 -1.15 0.00	28.75 -1.22 0.00	35.15 -1.45 0.00	38.97 -2.11 0.00	41.37 -2.67 0.00	43.33 -3.14 0.61	44.30 -3.29 0.00	42.81 -2.97 0.00	43.81 -2.61 0.00	42.78 -2.04 0.00	32.19 -1.20 0.00
HYLAND___LFGE 323620	32.38 -0.13 0.00	28.92 -0.14 0.00	27.36 -0.11 -0.01	27.85 -0.21 -0.24	30.91 0.06 0.00	31.72 0.25 0.00	42.66 0.50 0.00	49.49 0.97 -5.48	46.50 0.92 -3.42	39.61 0.70 0.00	37.90 0.42 0.00	33.83 -0.10 0.00	29.56 -0.13 0.00	27.12 -0.14 0.00	29.67 -0.30 0.00	36.72 0.12 0.00	41.31 0.23 0.00	43.97 -0.06 0.00	49.08 0.10 -1.90	47.84 0.24 0.00	46.45 0.67 0.00	47.36 0.94 0.00	45.80 0.98 0.00	34.17 0.78 0.00
INDECK___CORINTH 23802	34.05 1.54 0.00	30.47 1.41 0.00	28.80 1.33 0.00	29.19 1.38 0.00	32.34 1.49 0.00	33.04 1.57 0.00	44.57 2.41 0.00	45.27 2.24 0.00	44.22 2.06 0.00	40.83 1.92 0.00	39.13 1.64 0.00	35.25 1.33 0.00	30.82 1.13 0.00	28.43 1.18 0.00	31.57 1.61 0.00	38.36 1.76 0.00	43.30 2.23 0.00	46.59 2.55 0.00	49.99 2.92 0.00	50.75 3.15 0.00	48.79 3.01 0.00	49.20 2.79 0.00	47.13 2.31 0.00	34.93 1.55 0.00
INDECK___ILION 23567	32.61 0.10 0.00	29.20 0.14 0.00	27.63 0.16 0.00	28.09 0.28 0.00	31.20 0.35 0.00	31.85 0.38 0.00	42.83 0.67 0.00	43.27 0.23 0.00	41.97 -0.19 0.00	38.41 -0.50 0.00	36.53 -0.96 0.00	32.98 -0.94 0.00	28.93 -0.76 0.00	26.98 -0.28 0.00	29.78 -0.19 0.00	36.54 -0.06 0.00	41.50 0.42 0.00	44.83 0.80 0.00	48.19 1.12 0.00	48.87 1.27 0.00	47.06 1.28 0.00	47.51 1.10 0.00	45.40 0.58 0.00	33.50 0.11 0.00
INDECK___OLEAN 23982	32.22 -0.29 0.00	28.75 -0.31 0.00	27.25 -0.21 0.00	27.57 -0.22 0.02	30.83 -0.02 0.00	31.51 0.04 0.00	42.09 -0.07 0.00	43.36 0.68 0.36	42.26 0.33 0.23	39.07 0.15 0.00	38.01 0.52 0.00	34.13 0.21 0.00	29.87 0.18 0.00	27.31 0.05 0.00	29.96 -0.01 0.00	36.76 0.16 0.00	41.16 0.09 0.00	43.71 -0.33 0.00	46.60 -0.35 0.12	47.19 -0.40 0.00	45.78 -0.01 0.00	46.55 0.13 0.00	45.19 0.37 0.00	33.82 0.44 0.00
INDECK___OSWEGO 23783	31.67 -0.84 0.00	28.29 -0.76 0.00	26.76 -0.70 0.00	27.10 -0.71 0.00	30.08 -0.76 0.00	30.65 -0.82 0.00	41.01 -1.15 0.00	41.95 -1.09 0.00	41.11 -1.05 0.00	37.95 -0.96 0.00	36.56 -0.92 0.00	33.10 -0.82 0.00	29.01 -0.69 0.00	26.61 -0.64 0.00	29.25 -0.72 0.00	35.67 -0.93 0.00	39.99 -1.09 0.00	42.86 -1.18 0.00	45.81 -1.27 0.00	46.31 -1.29 0.00	44.58 -1.20 0.00	45.15 -1.27 0.00	43.58 -1.24 0.00	32.48 -0.90 0.00
INDECK___YERKES 23781	30.46 -2.05 0.00	27.18 -1.87 0.00	25.76 -1.70 0.00	25.83 -1.91 0.07	29.06 -1.78 0.00	29.86 -1.62 0.00	39.69 -2.47 0.00	39.44 -2.09 1.52	39.32 -1.88 0.95	37.43 -1.48 0.00	36.84 -0.65 0.00	33.04 -0.88 0.00	28.71 -0.98 0.00	26.31 -0.95 0.00	28.99 -0.97 0.00	35.43 -1.17 0.00	39.19 -1.88 0.00	41.60 -2.44 0.00	43.63 -2.92 0.53	44.54 -3.06 0.00	43.04 -2.74 0.00	44.02 -2.40 0.00	43.05 -1.77 0.00	32.35 -1.04 0.00
INDIAN POINT_GT_1 24139	34.32 1.81 0.00	30.66 1.60 0.00	28.97 1.51 0.00	29.37 1.56 0.00	32.67 1.79 -0.03	33.69 1.84 -0.38	44.91 2.62 -0.13	45.97 2.77 -0.15	44.71 2.49 -0.06	41.10 2.19 0.00	39.54 2.05 0.00	35.84 1.92 0.00	33.48 1.69 -2.09	49.35 1.55 -20.54	31.69 1.72 0.00	38.86 2.26 0.00	43.76 2.69 0.00	46.93 2.89 0.00	50.28 3.20 0.00	50.95 3.35 0.00	49.01 3.23 0.00	49.40 2.98 0.00	47.54 2.72 0.00	35.28 1.89 0.00
INDIAN POINT_GT_2 23659	34.32 1.81 0.00	30.66 1.60 0.00	28.97 1.51 0.00	29.37 1.56 0.00	32.67 1.79 -0.03	33.69 1.84 -0.38	44.91 2.62 -0.13	45.97 2.77 -0.15	44.71 2.49 -0.06	41.10 2.19 0.00	39.54 2.05 0.00	35.84 1.92 0.00	33.48 1.69 -2.09	49.35 1.55 -20.54	31.69 1.72 0.00	38.86 2.26 0.00	43.76 2.69 0.00	46.93 2.89 0.00	50.28 3.20 0.00	50.95 3.35 0.00	49.01 3.23 0.00	49.40 2.98 0.00	47.54 2.72 0.00	35.28 1.89 0.00
INDIAN POINT_GT_3 24019	34.32 1.81 0.00	30.66 1.60 0.00	28.97 1.51 0.00	29.37 1.56 0.00	32.67 1.79 -0.03	33.69 1.84 -0.38	44.91 2.62 -0.13	45.97 2.77 -0.15	44.71 2.49 -0.06	41.10 2.19 0.00	39.54 2.05 0.00	35.84 1.92 0.00	33.48 1.69 -2.09	49.35 1.55 -20.54	31.69 1.72 0.00	38.86 2.26 0.00	43.76 2.69 0.00	46.93 2.89 0.00	50.28 3.20 0.00	50.95 3.35 0.00	49.01 3.23 0.00	49.40 2.98 0.00	47.54 2.72 0.00	35.28 1.89 0.00
INDIAN POINT___2 23530	34.67 1.96 -0.21	30.78 1.73 0.00	29.09 1.62 0.00	29.49 1.68 0.00	32.82 1.93 -0.04	34.02 1.98 -0.56	45.18 2.82 -0.20	46.23 2.96 -0.23	44.94 2.69 -0.09	41.95 2.35 -0.68	40.11 2.20 -0.42	36.48 2.07 -0.50	33.89 1.83 -2.37	47.26 1.67 -18.34	32.30 1.86 -0.48	39.04 2.44 0.00	43.96 2.88 0.00	47.13 3.09 0.00	50.49 3.41 0.00	51.16 3.56 0.00	49.21 3.43 0.00	49.59 3.18 0.00	47.75 2.93 0.00	35.44 2.05 0.00
INDIAN POINT___3 23531	34.19 1.67 0.00	30.54 1.48 0.00	28.87 1.40 0.00	29.27 1.46 0.00	32.56 1.69 -0.02	33.53 1.73 -0.33	44.72 2.44 -0.12	45.78 2.60 -0.13	44.54 2.33 -0.05	40.98 2.06 0.00	39.40 1.91 0.00	35.71 1.79 0.00	33.93 1.57 -2.66	54.82 1.43 -26.13	31.55 1.59 0.00	38.71 2.11 0.00	43.60 2.52 0.00	46.74 2.71 0.00	50.07 3.00 0.00	50.73 3.13 0.00	48.79 3.01 0.00	49.18 2.77 0.00	47.31 2.49 0.00	35.13 1.74 0.00
INGHAM_C_115KV_TB7 356103	32.61 0.10 0.00	29.19 0.14 0.00	27.63 0.16 0.00	28.09 0.28 0.00	31.19 0.34 0.00	31.84 0.36 0.00	42.78 0.62 0.00	43.17 0.13 0.00	41.82 -0.34 0.00	38.27 -0.65 0.00	36.34 -1.15 0.00	32.81 -1.11 0.00	28.80 -0.90 0.00	26.88 -0.37 0.00	29.69 -0.27 0.00	36.44 -0.16 0.00	41.41 0.34 0.00	44.75 0.72 0.00	48.14 1.06 0.00	48.82 1.22 0.00	47.02 1.24 0.00	47.46 1.05 0.00	45.35 0.52 0.00	33.45 0.07 0.00
IP CORINTH___1 23988	34.05 1.54 0.00	30.47 1.41 0.00	28.80 1.33 0.00	29.19 1.38 0.00	32.34 1.49 0.00	33.04 1.57 0.00	44.57 2.41 0.00	45.28 2.24 0.00	44.22 2.06 0.00	40.83 1.92 0.00	39.13 1.64 0.00	35.25 1.33 0.00	30.82 1.13 0.00	28.43 1.18 0.00	31.57 1.61 0.00	38.36 1.76 0.00	43.30 2.23 0.00	46.59 2.55 0.00	49.99 2.92 0.00	50.75 3.15 0.00	48.79 3.00 0.00	49.20 2.79 0.00	47.13 2.31 0.00	34.93 1.54 0.00

IP___TICONDEROGA 23804	34.77 2.26 0.00	31.31 2.25 0.00	29.56 2.09 0.00	29.94 2.13 0.00	33.03 2.18 0.00	33.81 2.34 0.00	46.07 3.91 0.00	46.61 3.57 0.00	45.25 3.09 0.00	41.66 2.75 0.00	39.90 2.41 0.00	35.65 1.73 0.00	31.25 1.55 0.00	28.90 1.65 0.00	32.24 2.27 0.00	38.89 2.29 0.00	44.37 3.29 0.00	47.95 3.92 0.00	51.75 4.67 0.00	52.83 5.24 0.00	50.74 4.96 0.00	50.80 4.39 0.00	48.19 3.37 0.00	35.59 2.21 0.00
ISLIP_RES_REC 323679	34.94 2.69 0.26	31.16 2.11 0.00	29.41 1.95 0.00	29.80 1.99 0.00	33.00 2.22 0.06	32.94 2.35 0.88	45.24 3.39 0.31	46.32 3.63 0.36	44.72 2.71 0.14	40.27 2.42 1.06	38.96 2.35 0.88	35.00 2.52 1.44	32.39 2.18 -0.52	43.80 1.96 -14.59	30.77 2.06 1.26	38.95 2.35 0.00	43.88 2.80 0.00	47.50 3.47 0.00	51.09 4.01 0.00	51.97 4.37 0.00	49.75 3.98 0.00	50.44 4.03 0.00	48.24 3.42 0.00	35.61 2.36 0.13
JAMAICA__27_KV_LOAD 355505	42.38 2.49 -7.38	31.32 2.27 0.00	29.60 2.13 0.00	30.01 2.20 0.00	34.29 2.51 -0.93	46.46 2.62 -12.37	49.96 3.44 -4.37	51.67 3.62 -5.02	47.50 3.33 -2.01	66.20 2.84 -24.45	55.11 2.70 -14.92	54.17 2.43 -17.82	53.93 2.17 -22.06	69.16 1.97 -39.94	49.26 2.26 -17.03	39.58 2.98 0.00	44.55 3.48 0.00	47.76 3.73 0.00	51.13 4.05 0.00	51.84 4.24 0.00	49.89 4.11 0.00	50.24 3.83 0.00	48.46 3.64 0.00	35.97 2.59 0.00
JANIS___SOLAR 323808	32.98 0.47 0.00	29.49 0.43 0.00	28.02 0.55 0.00	28.39 0.56 -0.02	31.50 0.66 0.00	32.23 0.76 0.00	43.83 1.67 0.00	46.87 3.61 -0.22	43.80 1.41 -0.23	40.10 1.19 0.00	38.41 0.92 0.00	34.58 0.66 0.00	30.20 0.50 0.00	27.58 0.32 0.00	30.42 0.45 0.00	37.45 0.85 0.00	42.27 1.20 0.00	45.53 1.49 0.00	48.89 1.69 -0.12	49.17 1.57 0.00	47.40 1.62 0.00	47.93 1.51 0.00	46.25 1.43 0.00	34.28 0.90 0.00
JARVIS____ 23743	32.58 0.06 0.00	29.12 0.06 0.00	27.52 0.06 0.00	27.88 0.07 0.00	30.94 0.09 0.00	31.57 0.09 0.00	42.31 0.15 0.00	43.17 0.13 0.00	42.29 0.13 0.00	39.00 0.08 0.00	37.52 0.03 0.00	33.92 0.00 0.00	29.72 0.03 0.00	27.29 0.04 0.00	30.00 0.04 0.00	36.66 0.06 0.00	41.18 0.11 0.00	44.17 0.13 0.00	47.26 0.18 0.00	47.81 0.21 0.00	46.01 0.23 0.00	46.60 0.18 0.00	44.95 0.13 0.00	33.44 0.06 0.00
JENNISON___1 23625	32.27 -0.24 0.00	28.84 -0.21 0.00	27.51 0.04 0.00	27.89 0.08 0.00	30.78 -0.06 0.00	31.56 0.09 0.00	42.98 0.82 0.00	44.64 1.48 -0.12	42.96 0.67 -0.13	39.77 0.86 0.00	38.74 1.25 0.00	34.64 0.71 0.00	29.98 0.28 0.00	27.29 0.03 0.00	30.13 0.17 0.00	36.97 0.36 0.00	41.69 0.62 0.00	44.73 0.69 0.00	47.91 0.83 0.00	48.20 0.60 0.00	46.51 0.73 0.00	47.08 0.67 0.00	45.82 1.00 0.00	33.85 0.47 0.00
JENNISON___2 23626	32.27 -0.24 0.00	28.84 -0.21 0.00	27.51 0.04 0.00	27.89 0.08 0.00	30.78 -0.06 0.00	31.56 0.09 0.00	42.98 0.82 0.00	44.64 1.48 -0.12	42.96 0.67 -0.13	39.77 0.86 0.00	38.74 1.25 0.00	34.64 0.71 0.00	29.98 0.28 0.00	27.29 0.03 0.00	30.13 0.17 0.00	36.97 0.36 0.00	41.69 0.62 0.00	44.73 0.69 0.00	47.91 0.83 0.00	48.20 0.60 0.00	46.51 0.73 0.00	47.08 0.67 0.00	45.82 1.00 0.00	33.85 0.47 0.00
JERICHO_RISE_WT_PWR 323719	31.63 -0.88 0.00	28.21 -0.84 0.00	26.51 -0.96 0.00	26.81 -0.99 0.00	29.70 -1.14 0.00	16.28 -1.23 13.96	35.41 -1.65 5.09	-14.63 -1.75 55.92	-26.01 -1.58 66.59	-25.71 -1.48 63.15	-25.61 -1.33 61.77	-25.38 -1.17 58.14	-25.03 -1.16 53.57	-24.83 -1.08 51.01	-25.07 -1.12 53.92	-25.58 -1.38 60.81	-25.92 -1.64 65.35	21.01 -1.54 21.48	45.44 -1.63 0.00	45.82 -1.78 0.00	43.92 -1.86 0.00	32.79 -1.82 11.80	-26.16 -1.57 69.42	18.13 -1.10 14.15
KATONAH___115KV_46KV_TB4 355592	34.43 1.91 0.00	30.74 1.69 0.00	29.06 1.59 0.00	29.46 1.65 0.00	32.72 1.87 0.00	33.41 1.94 0.00	44.94 2.78 0.00	45.97 2.93 0.00	44.83 2.68 0.00	41.28 2.37 0.00	39.71 2.23 0.00	35.99 2.07 0.00	32.82 1.83 -1.30	41.66 1.68 -12.73	31.82 1.86 0.00	39.01 2.41 0.00	43.94 2.86 0.00	47.11 3.08 0.00	50.49 3.41 0.00	51.18 3.58 0.00	49.22 3.44 0.00	49.61 3.20 0.00	47.72 2.90 0.00	35.41 2.02 0.00
KCE_NY_1 323755	33.96 1.45 0.00	30.35 1.29 0.00	28.67 1.21 0.00	29.09 1.28 0.00	32.23 1.39 0.00	32.92 1.45 0.00	44.27 2.11 0.00	45.03 1.99 0.00	44.01 1.85 0.00	40.58 1.66 0.00	38.92 1.44 0.00	35.11 1.19 0.00	30.73 1.03 0.00	28.32 1.06 0.00	31.33 1.37 0.00	38.18 1.58 0.00	43.04 1.97 0.00	46.20 2.17 0.00	49.59 2.51 0.00	50.26 2.66 0.00	48.29 2.51 0.00	48.91 2.50 0.00	46.89 2.07 0.00	34.75 1.37 0.00
KCE_NY_6_ESR 323823	30.67 -1.84 0.00	27.34 -1.72 0.00	25.92 -1.54 0.00	26.00 -1.73 0.08	29.26 -1.58 0.00	30.04 -1.43 0.00	40.02 -2.14 0.00	39.52 -1.70 1.82	37.62 -1.60 1.14	36.96 -0.53 0.00	33.16 -0.76 0.00	28.88 -0.82 0.00	26.42 -0.84 0.00	29.10 -0.87 0.00	35.56 -1.04 0.00	39.48 -1.59 0.00	41.91 -2.13 0.00	43.93 -2.51 0.63	44.95 -2.65 0.00	43.48 -2.30 0.00	44.51 -1.91 0.00	43.45 -1.38 0.00	32.66 -0.72 0.00	
KEDC_PORT_JEFF_GT2 24210	34.81 2.56 0.26	31.05 2.00 0.00	29.32 1.85 0.00	29.70 1.90 0.00	32.88 2.09 0.06	32.81 2.22 0.88	45.06 3.21 0.31	46.11 3.43 0.36	44.51 2.50 0.14	40.10 2.24 1.06	38.79 2.20 0.89	34.82 2.40 1.50	32.25 2.07 -0.49	43.54 1.85 -14.43	30.62 1.96 1.30	38.81 2.21 0.00	43.69 2.62 0.00	47.28 3.25 0.00	50.86 3.78 0.00	51.72 4.13 0.00	49.53 3.75 0.00	50.22 3.81 0.00	48.06 3.24 0.00	35.44 2.21 0.15
KEDC_PORT_JEFF_GT3 24211	34.81 2.56 0.26	31.05 2.00 0.00	29.32 1.85 0.00	29.70 1.90 0.00	32.88 2.09 0.06	32.81 2.22 0.88	45.06 3.21 0.31	46.11 3.43 0.36	44.51 2.50 0.14	40.10 2.24 1.06	38.79 2.20 0.89	34.82 2.40 1.50	32.25 2.07 -0.49	43.54 1.85 -14.43	30.62 1.96 1.30	38.81 2.21 0.00	43.69 2.62 0.00	47.28 3.25 0.00	50.86 3.78 0.00	51.72 4.13 0.00	49.53 3.75 0.00	50.22 3.81 0.00	48.06 3.24 0.00	35.44 2.21 0.15
KEDC_GLWD_GT4 24219	34.57 2.29 0.24	30.94 1.88 0.00	29.21 1.74 0.00	29.61 1.80 0.00	32.81 2.03 0.06	32.72 2.12 0.88	44.93 3.09 0.31	46.00 3.31 0.36	44.79 2.78 0.14	40.40 2.55 1.06	39.95 2.56 0.09	37.24 2.45 -0.87	33.64 2.14 -1.80	50.19 1.97 -20.97	32.64 2.16 -0.52	39.21 2.61 0.00	44.18 3.11 0.00	47.41 3.37 0.00	50.81 3.73 0.00	51.60 3.99 -0.01	49.56 3.78 -0.01	50.00 3.58 -0.01	48.01 3.18 0.00	35.98 2.27 -0.32
KEDC_GLWD_GT5 24220	34.57 2.29 0.24	30.94 1.88 0.00	29.21 1.74 0.00	29.61 1.80 0.00	32.81 2.03 0.06	32.72 2.12 0.88	44.93 3.09 0.31	46.00 3.31 0.36	44.79 2.78 0.14	40.40 2.55 1.06	39.95 2.56 0.09	37.24 2.45 -0.87	33.64 2.14 -1.80	50.19 1.97 -20.97	32.64 2.16 -0.52	39.21 2.61 0.00	44.18 3.11 0.00	47.41 3.37 0.00	50.81 3.73 0.00	51.60 3.99 -0.01	49.56 3.78 -0.01	50.00 3.58 -0.01	48.01 3.18 0.00	35.98 2.27 -0.32

KENSICO____ 23655	34.59 1.91 -0.17	30.74 1.68 0.00	29.05 1.59 0.00	29.45 1.65 0.00	32.76 1.88 -0.03	33.87 1.93 -0.47	45.08 2.75 -0.17	46.13 2.90 -0.19	44.85 2.61 -0.08	41.79 2.30 -0.57	40.00 2.16 -0.35	36.36 2.02 -0.41	33.90 1.78 -2.42	48.55 1.64 -19.66	32.17 1.81 -0.40	38.98 2.38 0.00	43.90 2.82 0.00	47.06 3.02 0.00	50.41 3.33 0.00	51.08 3.49 0.00	49.15 3.37 0.00	49.53 3.11 0.00	47.67 2.85 0.00	35.37 1.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.43 1.92 0.00	30.79 1.74 0.00	29.14 1.67 0.00	29.54 1.74 0.00	32.85 2.00 0.00	33.56 2.09 0.00	45.12 2.96 0.00	46.22 3.18 0.00	45.11 2.95 0.00	41.57 2.66 0.00	40.00 2.51 0.00	36.13 2.21 0.00	31.55 1.86 0.00	28.98 1.73 0.00	31.89 1.93 0.00	39.14 2.54 0.00	44.05 2.97 0.00	47.31 3.28 0.00	50.79 3.71 0.00	51.48 3.89 0.00	49.50 3.72 0.00	49.93 3.51 0.00	47.98 3.15 0.00	35.60 2.21 0.00
KIAC_JFK_GT1 23816	42.19 2.30 -7.38	31.16 2.10 0.00	29.44 1.97 0.00	29.85 2.04 0.00	34.11 2.34 -0.93	46.25 2.40 -12.37	49.54 3.02 -4.37	51.23 3.17 -5.02	47.07 2.90 -2.01	65.82 2.45 -24.45	54.73 2.32 -14.92	53.84 2.10 -17.82	53.64 1.88 -22.06	68.90 1.70 -39.94	48.96 1.96 -17.03	39.22 2.62 0.00	44.15 3.08 0.00	47.33 3.29 0.00	50.66 3.58 0.00	51.35 3.75 0.00	49.42 3.64 0.00	49.76 3.34 0.00	48.00 3.18 0.00	35.64 2.26 0.00
KIAC_JFK_GT2 23817	42.19 2.30 -7.38	31.16 2.10 0.00	29.44 1.97 0.00	29.85 2.04 0.00	34.11 2.34 -0.93	46.25 2.40 -12.37	49.54 3.02 -4.37	51.23 3.17 -5.02	47.07 2.90 -2.01	65.82 2.45 -24.45	54.73 2.32 -14.92	53.84 2.10 -17.82	53.64 1.88 -22.06	68.90 1.70 -39.94	48.96 1.96 -17.03	39.22 2.62 0.00	44.15 3.08 0.00	47.33 3.29 0.00	50.66 3.58 0.00	51.35 3.75 0.00	49.42 3.64 0.00	49.76 3.34 0.00	48.00 3.18 0.00	35.64 2.26 0.00
KIAC_JFK____ 323774	42.19 2.30 -7.38	31.16 2.10 0.00	29.44 1.97 0.00	29.85 2.04 0.00	34.11 2.34 -0.93	46.26 2.41 -12.37	49.62 3.09 -4.37	51.25 3.19 -5.02	47.07 2.90 -2.01	65.91 2.54 -24.45	54.75 2.34 -14.92	53.84 2.10 -17.82	53.64 1.88 -22.06	68.90 1.70 -39.94	48.96 1.96 -17.03	39.22 2.62 0.00	44.15 3.07 0.00	47.33 3.29 0.00	50.66 3.59 0.00	51.35 3.75 0.00	49.43 3.65 0.00	49.76 3.34 0.00	48.00 3.18 0.00	35.64 2.26 0.00
KINTIGH____ 23543	30.92 -1.59 0.00	27.64 -1.41 0.00	26.17 -1.30 0.00	26.33 -1.44 0.04	29.46 -1.39 0.00	30.22 -1.26 0.00	40.28 -1.88 0.00	40.63 -1.63 0.78	40.14 -1.52 0.49	37.70 -1.21 0.00	36.86 -0.62 0.00	33.14 -0.78 0.00	28.88 -0.81 0.00	26.45 -0.81 0.00	29.11 -0.85 0.00	35.60 -1.00 0.00	39.63 -1.45 0.00	42.15 -1.88 0.00	44.37 -2.44 0.27	44.74 -2.86 0.00	43.21 -2.58 0.00	44.08 -2.33 0.00	42.92 -1.90 0.00	32.22 -1.16 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.11 -0.40 0.00	28.60 -0.46 0.00	26.87 -0.59 0.00	27.20 -0.61 0.00	30.13 -0.72 0.00	17.50 -0.78 13.20	36.40 -0.95 4.82	-10.86 -1.01 52.89	-21.75 -0.93 62.97	-21.72 -0.91 59.72	-21.68 -0.75 58.42	-21.74 -0.68 54.98	-21.69 -0.73 50.66	-21.62 -0.65 48.23	-21.68 -0.66 50.98	-21.75 -0.85 57.50	-21.69 -0.97 61.80	22.87 -0.85 20.31	46.27 -0.81 0.00	46.70 -0.90 0.00	44.75 -1.03 0.00	34.23 -1.03 11.15	-21.70 -0.88 65.64	19.37 -0.64 13.38
LACHUTE__HYDRO 323717	34.77 2.26 0.00	31.30 2.25 0.00	29.56 2.09 0.00	29.94 2.13 0.00	33.03 2.18 0.00	33.81 2.34 0.00	46.07 3.91 0.00	46.61 3.57 0.00	45.25 3.09 0.00	41.66 2.75 0.00	39.90 2.41 0.00	35.65 1.73 0.00	31.25 1.55 0.00	28.90 1.65 0.00	32.24 2.27 0.00	38.89 2.29 0.00	44.37 3.29 0.00	47.95 3.92 0.00	51.75 4.67 0.00	52.84 5.24 0.00	50.74 4.96 0.00	50.80 4.39 0.00	48.19 3.37 0.00	35.59 2.21 0.00
LAWRNCALV_115KV_TB1 80681	31.86 -0.65 0.00	28.44 -0.62 0.00	26.84 -0.63 0.00	27.12 -0.69 0.00	30.07 -0.78 0.00	32.58 -0.70 -1.82	42.04 -0.78 -0.66	49.47 -0.83 -7.25	50.11 -0.68 -8.63	46.49 -0.61 -8.19	44.93 -0.57 -8.01	40.89 -0.57 -7.54	36.04 -0.62 -6.96	33.36 -0.52 -6.63	36.40 -0.58 -7.01	43.63 -0.87 -7.90	48.47 -1.11 -8.50	45.80 -1.03 -2.79	45.80 -1.28 0.00	46.18 -1.43 0.00	44.35 -1.43 0.00	46.75 -1.20 -1.53	53.25 -0.60 -9.02	34.85 -0.37 -1.84
LEDERLE____ 23769	34.22 1.71 0.00	30.58 1.52 0.00	28.89 1.42 0.00	29.29 1.48 0.00	32.60 1.75 0.00	33.26 1.79 0.00	44.67 2.52 0.00	45.76 2.72 0.00	44.60 2.44 0.00	41.11 2.20 0.00	39.52 2.03 0.00	35.82 1.89 0.00	31.34 1.65 0.00	28.75 1.49 0.00	31.62 1.66 0.00	38.82 2.22 0.00	43.74 2.66 0.00	46.90 2.86 0.00	50.25 3.17 0.00	50.88 3.28 0.00	48.92 3.14 0.00	49.30 2.88 0.00	47.38 2.56 0.00	35.18 1.80 0.00
LIGHTHSE_115KV_TB6 355974	31.59 -0.92 0.00	28.23 -0.83 0.00	26.68 -0.78 0.00	27.03 -0.78 0.00	30.03 -0.82 0.00	30.63 -0.84 0.00	41.23 -0.93 0.00	42.17 -0.87 0.00	41.38 -0.78 0.00	38.16 -0.76 0.00	36.64 -0.84 0.00	33.17 -0.74 0.00	29.04 -0.65 0.00	26.58 -0.68 0.00	29.22 -0.75 0.00	35.58 -1.02 0.00	39.83 -1.25 0.00	42.78 -1.25 0.00	45.78 -1.30 0.00	46.37 -1.23 0.00	44.67 -1.11 0.00	45.24 -1.18 0.00	43.77 -1.05 0.00	32.67 -0.72 0.00
LINDEN COGEN____ 23786	41.97 2.08 -7.38	30.90 1.84 0.00	29.19 1.72 0.00	29.60 1.79 0.00	33.85 2.07 -0.93	45.98 2.14 -12.37	49.54 3.01 -4.37	51.17 3.11 -5.02	46.92 2.75 -2.01	65.78 2.42 -24.45	54.65 2.24 -14.92	53.83 2.09 -17.82	53.59 1.83 -22.06	60.52 1.66 -31.61	48.86 1.86 -17.03	39.12 2.52 0.00	44.13 3.05 0.00	47.27 3.23 0.00	50.59 3.51 0.00	51.24 3.64 0.00	49.30 3.52 0.00	49.64 3.22 0.00	47.96 3.14 0.00	35.64 2.25 0.00
LINDHRST_69_KV_BK1 356055	34.94 2.69 0.25	31.14 2.09 0.00	29.39 1.92 0.00	29.78 1.97 0.00	32.97 2.19 0.06	32.87 2.27 0.88	45.28 3.43 0.31	46.33 3.64 0.36	44.79 2.78 0.14	40.42 2.57 1.06	39.52 2.59 0.56	36.06 2.65 0.50	33.04 2.31 -1.04	46.56 2.12 -17.18	31.71 2.27 0.53	39.16 2.56 0.00	44.19 3.11 0.00	47.65 3.61 0.00	51.16 4.09 0.00	52.02 4.42 0.00	49.90 4.12 0.00	50.46 4.04 0.00	48.31 3.49 0.00	35.90 2.47 -0.05
LIPA_MISC_IPP 23656	34.68 2.43 0.26	30.91 1.85 0.00	29.18 1.72 0.00	29.57 1.76 0.00	32.73 1.94 0.06	32.65 2.05 0.88	44.89 3.04 0.31	45.88 3.20 0.36	44.18 2.16 0.14	39.75 1.90 1.06	38.39 1.81 0.90	34.50 2.11 1.53	31.97 1.81 -0.47	43.22 1.61 -14.35	30.34 1.70 1.32	38.46 1.85 0.00	43.26 2.18 0.00	46.91 2.87 0.00	50.49 3.41 0.00	51.35 3.75 0.00	49.11 3.33 0.00	49.88 3.47 0.00	47.72 2.90 0.00	35.13 1.90 0.15
LISF__SOLAR 323691	34.71 2.46 0.26	30.96 1.90 0.00	29.23 1.76 0.00	29.62 1.81 0.00	32.79 2.01 0.06	32.72 2.13 0.88	44.93 3.08 0.31	45.97 3.28 0.36	44.24 2.22 0.14	39.79 1.94 1.06	38.42 1.83 0.90	34.54 2.14 1.52	31.99 1.82 -0.47	43.24 1.61 -14.37	30.35 1.70 1.32	38.47 1.87 0.00	43.28 2.20 0.00	46.96 2.93 0.00	50.58 3.50 0.00	51.45 3.85 0.00	49.20 3.42 0.00	49.98 3.57 0.00	47.82 2.99 0.00	35.18 1.95 0.15

LITTLE FALLS___HYD 24013	32.61 0.10 0.00	29.19 0.14 0.00	27.63 0.16 0.00	28.09 0.28 0.00	31.19 0.34 0.00	31.84 0.36 0.00	42.78 0.62 0.00	43.17 0.13 0.00	41.82 -0.34 0.00	38.27 -0.65 0.00	36.34 -1.15 0.00	32.81 -1.11 0.00	28.80 -0.90 0.00	26.88 -0.37 0.00	29.69 -0.27 0.00	36.44 -0.16 0.00	41.41 0.34 0.00	44.75 0.72 0.00	48.14 1.06 0.00	48.82 1.22 0.00	47.02 1.24 0.00	47.46 1.05 0.00	45.35 0.52 0.00	33.45 0.07 0.00
LITTLRIV_115KV_TB1 356100	32.35 -0.16 0.00	28.88 -0.18 0.00	27.25 -0.22 0.00	27.53 -0.28 0.00	30.53 -0.31 0.00	33.28 -0.19 -2.00	42.85 -0.03 -0.73	50.98 -0.03 -7.97	51.72 0.07 -9.49	47.98 0.07 -9.00	46.38 0.09 -8.80	42.21 0.00 -8.29	37.16 -0.19 -7.65	34.40 -0.14 -7.28	37.51 -0.15 -7.70	44.85 -0.44 -8.69	49.74 -0.68 -9.34	46.68 -0.43 -3.07	46.46 -0.61 0.00	46.98 -0.62 0.00	45.16 -0.62 0.00	47.72 -0.38 -1.69	54.91 0.17 -9.92	35.58 0.17 -2.02
LI_NEWBRDGE___DRP 323616	34.45 2.20 0.26	30.74 1.68 0.00	29.02 1.55 0.00	29.41 1.60 0.00	32.56 1.78 0.06	32.47 1.88 0.88	44.73 2.89 0.31	45.77 3.08 0.36	44.32 2.30 0.14	40.06 2.21 1.06	38.70 2.30 1.08	34.18 2.32 2.06	31.89 2.02 -0.17	41.99 1.84 -12.89	30.22 1.98 1.73	38.83 2.23 0.00	43.73 2.65 0.00	47.05 3.02 0.00	50.46 3.38 0.00	51.29 3.70 0.01	49.21 3.44 0.01	49.72 3.31 0.01	47.64 2.81 0.00	35.15 2.03 0.26
LOCKPORT_115KV_TB60_63_64 80432	30.21 -2.30 0.00	27.01 -2.05 0.00	25.60 -1.87 0.00	25.68 -2.07 0.06	28.93 -1.92 0.00	29.73 -1.74 0.00	39.51 -2.65 0.00	39.30 -2.44 1.30	39.05 -2.29 0.82	37.12 -1.80 0.00	36.50 -0.99 0.00	32.74 -1.18 0.00	28.45 -1.25 0.00	26.08 -1.18 0.00	28.71 -1.26 0.00	35.08 -1.52 0.00	38.82 -2.26 0.00	41.20 -2.83 0.00	43.23 -3.39 0.45	44.05 -3.55 0.00	42.59 -3.20 0.00	43.54 -2.87 0.00	42.59 -2.23 0.00	32.03 -1.35 0.00
LOCKPORT___CC1 323769	30.18 -2.33 0.00	26.97 -2.09 0.00	25.57 -1.89 0.00	25.65 -2.10 0.06	28.88 -1.96 0.00	29.68 -1.79 0.00	39.44 -2.72 0.00	39.19 -2.45 1.40	38.96 -2.31 0.88	37.07 -1.84 0.00	36.48 -1.00 0.00	32.73 -1.19 0.00	28.44 -1.25 0.00	26.07 -1.18 0.00	28.70 -1.27 0.00	35.07 -1.53 0.00	38.79 -2.28 0.00	41.17 -2.87 0.00	43.19 -3.40 0.49	44.03 -3.57 0.00	42.57 -3.21 0.00	43.54 -2.87 0.00	42.59 -2.23 0.00	32.03 -1.35 0.00
LOCKPORT___CC2 323770	30.18 -2.33 0.00	26.97 -2.09 0.00	25.57 -1.89 0.00	25.65 -2.10 0.06	28.88 -1.96 0.00	29.68 -1.79 0.00	39.44 -2.72 0.00	39.19 -2.45 1.40	38.96 -2.31 0.88	37.07 -1.84 0.00	36.48 -1.00 0.00	32.73 -1.19 0.00	28.44 -1.25 0.00	26.07 -1.18 0.00	28.70 -1.27 0.00	35.07 -1.53 0.00	38.79 -2.28 0.00	41.17 -2.87 0.00	43.19 -3.40 0.49	44.03 -3.57 0.00	42.57 -3.21 0.00	43.54 -2.87 0.00	42.59 -2.23 0.00	32.03 -1.35 0.00
LOCKPORT___CC3 323771	30.18 -2.33 0.00	26.97 -2.09 0.00	25.57 -1.89 0.00	25.65 -2.10 0.06	28.88 -1.96 0.00	29.68 -1.79 0.00	39.44 -2.72 0.00	39.19 -2.45 1.40	38.96 -2.31 0.88	37.07 -1.84 0.00	36.48 -1.00 0.00	32.73 -1.19 0.00	28.44 -1.25 0.00	26.07 -1.18 0.00	28.70 -1.27 0.00	35.07 -1.53 0.00	38.79 -2.28 0.00	41.17 -2.87 0.00	43.19 -3.40 0.49	44.03 -3.57 0.00	42.57 -3.21 0.00	43.54 -2.87 0.00	42.59 -2.23 0.00	32.03 -1.35 0.00
LONG_LAKE_PHOENIX 24014	31.78 -0.73 0.00	28.40 -0.66 0.00	26.86 -0.60 0.00	27.23 -0.58 0.00	30.23 -0.62 0.00	30.82 -0.66 0.00	41.25 -0.91 0.00	42.20 -0.84 0.00	41.35 -0.81 0.00	38.18 -0.73 0.00	36.81 -0.68 0.00	33.29 -0.63 0.00	29.20 -0.50 0.00	26.79 -0.47 0.00	29.42 -0.54 0.00	35.89 -0.71 0.00	40.30 -0.78 0.00	43.17 -0.87 0.00	46.12 -0.95 0.00	46.60 -1.00 0.00	44.85 -0.93 0.00	45.42 -1.00 0.00	43.81 -1.02 0.00	32.64 -0.75 0.00
LOVETT___3 23632	34.14 1.63 0.00	30.50 1.44 0.00	28.82 1.36 0.00	29.23 1.42 0.00	32.51 1.66 0.00	33.17 1.70 0.00	44.55 2.39 0.00	45.61 2.57 0.00	44.44 2.28 0.00	40.94 2.03 0.00	39.36 1.87 0.00	35.67 1.75 0.00	33.17 1.53 -1.94	47.70 1.40 -19.05	31.51 1.54 0.00	38.67 2.07 0.00	43.56 2.48 0.00	46.70 2.67 0.00	50.05 2.97 0.00	50.69 3.09 0.00	48.73 2.95 0.00	49.12 2.71 0.00	47.24 2.42 0.00	35.08 1.70 0.00
LOVETT___4 23642	34.14 1.63 0.00	30.50 1.44 0.00	28.82 1.36 0.00	29.23 1.42 0.00	32.51 1.66 0.00	33.17 1.70 0.00	44.55 2.39 0.00	45.61 2.57 0.00	44.44 2.28 0.00	40.94 2.03 0.00	39.36 1.87 0.00	35.67 1.75 0.00	33.17 1.53 -1.94	47.70 1.40 -19.05	31.51 1.54 0.00	38.67 2.07 0.00	43.56 2.48 0.00	46.70 2.67 0.00	50.05 2.97 0.00	50.69 3.09 0.00	48.73 2.95 0.00	49.12 2.71 0.00	47.24 2.42 0.00	35.08 1.70 0.00
LOVETT___5 23593	34.14 1.63 0.00	30.50 1.44 0.00	28.82 1.36 0.00	29.23 1.42 0.00	32.51 1.66 0.00	33.17 1.70 0.00	44.55 2.39 0.00	45.61 2.57 0.00	44.44 2.28 0.00	40.94 2.03 0.00	39.36 1.87 0.00	35.67 1.75 0.00	33.17 1.53 -1.94	47.70 1.40 -19.05	31.51 1.54 0.00	38.67 2.07 0.00	43.56 2.48 0.00	46.70 2.67 0.00	50.05 2.97 0.00	50.69 3.09 0.00	48.73 2.95 0.00	49.12 2.71 0.00	47.24 2.42 0.00	35.08 1.70 0.00
LOWER RAQUET___HYD 24057	31.66 -0.85 0.00	28.26 -0.80 0.00	26.66 -0.81 0.00	26.94 -0.87 0.00	29.88 -0.97 0.00	32.74 -0.89 -2.16	41.93 -1.02 -0.79	50.63 -1.06 -8.65	51.55 -0.90 -10.29	47.86 -0.82 -9.76	46.26 -0.78 -9.55	42.14 -0.77 -8.99	37.18 -0.81 -8.30	34.48 -0.68 -7.90	37.58 -0.74 -8.35	44.91 -1.11 -9.43	49.82 -1.39 -10.13	46.06 -1.30 -3.33	45.53 -1.55 0.00	45.93 -1.67 0.00	44.12 -1.66 0.00	46.81 -1.44 -1.83	54.74 -0.85 -10.76	35.01 -0.57 -2.19
LOWER___HUDSON 24059	33.56 1.05 0.00	30.00 0.94 0.00	28.35 0.89 0.00	28.75 0.94 0.00	31.82 0.97 0.00	32.46 0.98 0.00	43.57 1.41 0.00	44.17 1.13 0.00	43.27 1.11 0.00	39.95 1.03 0.00	38.31 0.82 0.00	34.65 0.72 0.00	30.37 0.67 0.00	27.94 0.69 0.00	30.76 0.80 0.00	37.54 0.94 0.00	42.22 1.14 0.00	45.32 1.28 0.00	48.57 1.49 0.00	49.26 1.67 0.00	47.39 1.61 0.00	47.92 1.50 0.00	46.08 1.26 0.00	34.23 0.85 0.00
LOWVILLE_115KV_TB2 356335	31.44 -1.07 0.00	28.08 -0.97 0.00	26.52 -0.94 0.00	26.91 -0.90 0.00	29.94 -0.91 0.00	31.34 -0.76 -0.62	41.90 -0.49 -0.23	45.14 -0.39 -2.48	45.11 0.00 -2.96	41.46 -0.26 -2.81	39.59 -0.64 -2.74	35.71 -0.79 -2.58	31.32 -0.76 -2.39	28.73 -0.80 -2.27	31.47 -0.90 -2.40	38.15 -1.16 -2.71	42.70 -1.29 -2.91	43.68 -1.31 -0.96	45.85 -1.22 0.00	46.61 -0.99 0.00	45.00 -0.78 0.00	46.15 -0.79 -0.53	47.41 -0.51 -3.09	33.71 -0.30 -0.63
LUTHERFT_115KV_GLOB_FND_222 355753	33.96 1.45 0.00	30.36 1.31 0.00	28.69 1.22 0.00	29.10 1.29 0.00	32.24 1.40 0.00	32.92 1.45 0.00	44.26 2.11 0.00	44.98 1.94 0.00	43.97 1.81 0.00	40.57 1.66 0.00	38.90 1.42 0.00	35.12 1.20 0.00	30.73 1.03 0.00	28.31 1.05 0.00	31.33 1.37 0.00	38.17 1.57 0.00	43.00 1.92 0.00	46.19 2.15 0.00	49.52 2.44 0.00	50.22 2.62 0.00	48.27 2.49 0.00	48.80 2.38 0.00	46.85 2.03 0.00	34.77 1.38 0.00

LUTHERNY_35_KV_BK2 355980	33.96 1.45 0.00	30.35 1.30 0.00	28.67 1.20 0.00	29.09 1.28 0.00	32.23 1.39 0.00	32.92 1.45 0.00	44.27 2.11 0.00	45.03 1.99 0.00	44.00 1.84 0.00	40.57 1.66 0.00	38.92 1.44 0.00	35.11 1.19 0.00	30.73 1.03 0.00	28.32 1.07 0.00	31.33 1.37 0.00	38.18 1.58 0.00	43.04 1.97 0.00	46.21 2.17 0.00	49.59 2.51 0.00	50.27 2.67 0.00	48.30 2.52 0.00	48.92 2.50 0.00	46.90 2.08 0.00	34.75 1.37 0.00
LWR___OSWEGATCHIE_HYD 23850	31.40 -1.11 0.00	28.04 -1.02 0.00	26.47 -1.00 0.00	26.79 -1.02 0.00	29.76 -1.09 0.00	31.96 -0.97 -1.47	41.77 -0.93 -0.54	48.02 -0.89 -5.87	48.50 -0.65 -6.99	44.84 -0.71 -6.63	43.09 -0.88 -6.48	39.09 -0.94 -6.10	34.42 -0.91 -5.64	31.76 -0.86 -5.36	34.68 -0.96 -5.67	41.68 -1.32 -6.40	46.38 -1.58 -6.88	44.80 -1.49 -2.26	45.47 -1.61 0.00	46.07 -1.53 0.00	44.36 -1.42 0.00	46.32 -1.34 -1.24	51.22 -0.91 -7.31	34.27 -0.60 -1.49
LYONS_FALL_HYD 23570	32.11 -0.40 0.00	28.67 -0.38 0.00	27.09 -0.38 0.00	27.46 -0.34 0.00	30.53 -0.32 0.00	31.70 -0.19 -0.42	42.45 0.14 -0.15	44.95 0.24 -1.67	44.60 0.46 -1.98	41.04 0.24 -1.88	39.29 -0.04 -1.84	35.49 -0.17 -1.73	31.11 -0.19 -1.60	28.55 -0.23 -1.53	31.33 -0.25 -1.61	38.09 -0.33 -1.82	42.71 -0.33 -1.96	44.39 -0.29 -0.64	46.88 -0.20 0.00	47.55 -0.05 0.00	45.84 0.06 0.00	46.78 0.01 -0.35	47.03 0.13 -2.08	33.91 0.10 -0.42
MADISON___COUNTY_LFGE 323628	33.06 0.55 0.00	29.55 0.48 0.00	27.91 0.45 0.00	28.25 0.44 0.00	31.38 0.54 0.00	32.10 0.63 0.00	43.22 1.06 0.00	44.25 1.21 0.00	43.38 1.22 0.00	39.91 1.00 0.00	38.38 0.90 0.00	34.68 0.76 0.00	30.35 0.65 0.00	27.85 0.60 0.00	30.67 0.70 0.00	37.49 0.89 0.00	42.20 1.12 0.00	45.26 1.23 0.00	48.39 1.31 0.00	48.93 1.33 0.00	47.10 1.32 0.00	47.64 1.23 0.00	45.93 1.11 0.00	34.12 0.73 0.00
MALONE___115KV_TB1 356076	31.87 -0.64 0.00	28.43 -0.63 0.00	26.73 -0.74 0.00	27.05 -0.76 0.00	30.00 -0.85 0.00	39.85 -0.89 -9.27	44.47 -1.08 -3.38	79.00 -1.08 -37.04	85.32 -0.90 -44.07	79.88 -0.83 -41.80	77.67 -0.71 -40.89	71.74 -0.69 -38.50	64.50 -0.74 -35.54	60.41 -0.69 -33.84	65.04 -0.69 -35.77	76.06 -0.90 -40.35	83.36 -1.10 -43.38	57.35 -0.94 -14.26	46.08 -1.00 0.00	46.45 -1.15 0.00	44.57 -1.21 0.00	53.13 -1.12 -7.83	90.07 -0.83 -46.08	42.18 -0.60 -9.39
MAPLEWOD_115KV_TB3 80458	33.60 1.09 0.00	30.06 1.01 0.00	28.42 0.95 0.00	28.80 1.00 0.00	31.90 1.05 0.00	32.55 1.07 0.00	43.57 1.42 0.00	44.03 0.99 0.00	43.18 1.02 0.00	39.89 0.97 0.00	38.20 0.72 0.00	34.61 0.69 0.00	30.34 0.64 0.00	27.91 0.66 0.00	30.66 0.69 0.00	37.58 0.98 0.00	42.30 1.23 0.00	45.43 1.39 0.00	48.62 1.54 0.00	49.23 1.63 0.00	47.38 1.60 0.00	47.90 1.48 0.00	46.08 1.25 0.00	34.29 0.90 0.00
MAPLE_RIDGE_WT_1 323574	31.71 -0.80 0.00	28.33 -0.72 0.00	26.73 -0.74 0.00	27.13 -0.67 0.00	30.13 -0.72 0.00	30.76 -0.71 0.00	41.23 -0.92 0.00	42.11 -0.93 0.00	41.33 -0.83 0.00	38.17 -0.75 0.00	36.65 -0.84 0.00	33.09 -0.83 0.00	28.88 -0.82 0.00	26.45 -0.81 0.00	29.07 -0.90 0.00	35.48 -1.12 0.00	39.79 -1.29 0.00	42.69 -1.34 0.00	45.69 -1.39 0.00	46.27 -1.33 0.00	44.57 -1.21 0.00	45.45 -0.97 0.00	44.12 -0.70 0.00	32.93 -0.46 0.00
MAPLE_RIDGE_WT_2 323611	31.71 -0.80 0.00	28.33 -0.72 0.00	26.73 -0.74 0.00	27.13 -0.67 0.00	30.13 -0.72 0.00	30.76 -0.71 0.00	41.23 -0.92 0.00	42.11 -0.93 0.00	41.33 -0.83 0.00	38.17 -0.75 0.00	36.65 -0.84 0.00	33.09 -0.83 0.00	28.88 -0.82 0.00	26.45 -0.81 0.00	29.07 -0.90 0.00	35.48 -1.12 0.00	39.79 -1.29 0.00	42.69 -1.34 0.00	45.69 -1.39 0.00	46.27 -1.33 0.00	44.57 -1.21 0.00	45.45 -0.97 0.00	44.12 -0.70 0.00	32.93 -0.46 0.00
MARBLE_RIVER_WT_PWR 323696	31.73 -0.78 0.00	28.29 -0.77 0.00	26.60 -0.87 0.00	26.90 -0.91 0.00	29.80 -1.05 0.00	17.38 -1.15 12.94	35.87 -1.56 4.72	-10.45 -1.64 51.84	-21.00 -1.43 61.73	-21.00 -1.37 58.54	-21.00 -1.22 57.26	-21.00 -1.03 53.89	-21.00 -1.04 49.66	-21.00 -0.98 47.28	-21.00 -0.99 49.97	-21.00 -1.24 56.36	-21.00 -1.51 60.57	22.67 -1.46 19.91	45.54 -1.54 0.00	45.91 -1.69 0.00	44.01 -1.77 0.00	33.75 -1.74 10.93	-21.00 -1.48 64.34	19.22 -1.05 13.11
MARSHVLE_115KV_TB1 80742	33.97 1.46 0.00	30.35 1.29 0.00	28.67 1.20 0.00	29.05 1.24 0.00	32.29 1.44 0.00	33.09 1.62 0.00	44.49 2.33 0.00	45.45 2.41 0.00	44.14 1.98 0.00	40.44 1.53 0.00	38.77 1.29 0.00	35.16 1.24 0.00	30.58 0.89 0.00	28.22 0.96 0.00	31.50 1.53 0.00	38.46 1.86 0.00	43.21 2.14 0.00	46.62 2.59 0.00	49.89 2.81 0.00	50.39 2.79 0.00	48.54 2.76 0.00	49.33 2.92 0.00	47.54 2.72 0.00	35.29 1.91 0.00
MARSH_HILL_WT_PWR 323713	30.10 -2.41 0.00	27.07 -1.99 0.00	25.62 -1.85 -0.01	26.02 -2.03 -0.24	28.90 -1.94 0.00	29.41 -2.06 0.00	39.37 -2.79 0.00	46.07 -2.33 -5.36	43.12 -2.38 -3.35	36.62 -2.30 0.00	35.48 -2.01 0.00	31.79 -2.13 0.00	27.80 -1.90 0.00	25.43 -1.83 0.00	27.91 -2.06 0.00	34.16 -2.44 0.00	38.22 -2.86 0.00	40.81 -3.23 0.00	45.65 -3.28 -1.85	44.37 -3.22 0.00	43.15 -2.63 0.00	44.16 -2.26 0.00	43.05 -1.77 0.00	32.46 -0.92 0.00
MCINTYRE_115KV_TB2 80467	32.78 0.27 0.00	29.26 0.20 0.00	27.61 0.14 0.00	27.89 0.08 0.00	30.93 0.08 0.00	33.43 0.23 -1.72	43.32 0.53 -0.63	50.47 0.54 -6.89	50.96 0.61 -8.19	47.23 0.54 -7.77	45.65 0.56 -7.60	41.50 0.42 -7.16	36.45 0.15 -6.61	33.70 0.15 -6.29	36.77 0.15 -6.65	44.07 -0.03 -7.50	48.93 -0.21 -8.07	46.76 0.07 -2.65	47.00 -0.08 0.00	47.58 -0.02 0.00	45.76 -0.02 0.00	48.12 0.25 -1.46	54.16 0.77 -8.57	35.75 0.62 -1.75
MECO_____69_KV_BK1 80468	34.45 1.94 0.00	30.77 1.71 0.00	29.06 1.59 0.00	29.45 1.64 0.00	32.71 1.87 0.00	33.55 2.08 0.00	45.15 2.99 0.00	45.99 2.95 0.00	44.43 2.27 0.00	40.58 1.67 0.00	38.81 1.32 0.00	35.08 1.16 0.00	30.49 0.79 0.00	28.27 1.02 0.00	31.65 1.68 0.00	38.65 2.05 0.00	43.76 2.69 0.00	47.39 3.36 0.00	50.76 3.69 0.00	51.32 3.73 0.00	49.42 3.64 0.00	50.06 3.65 0.00	48.14 3.32 0.00	35.71 2.33 0.00
MENANDS___115KV_TB5 355628	33.50 0.98 0.00	29.97 0.91 0.00	28.33 0.87 0.00	28.72 0.91 0.00	31.80 0.95 0.00	32.43 0.96 0.00	43.39 1.23 0.00	43.82 0.78 0.00	42.99 0.83 0.00	39.72 0.80 0.00	38.04 0.55 0.00	34.47 0.55 0.00	30.25 0.55 0.00	27.83 0.57 0.00	30.51 0.55 0.00	37.43 0.83 0.00	42.14 1.06 0.00	45.22 1.18 0.00	48.37 1.29 0.00	48.92 1.32 0.00	47.07 1.29 0.00	47.60 1.18 0.00	45.79 0.97 0.00	34.09 0.71 0.00
MG INDUSTRY___DRP 24185	33.33 0.82 0.00	29.84 0.78 0.00	28.21 0.75 0.00	28.59 0.78 0.00	31.68 0.83 0.00	32.32 0.85 0.00	43.24 1.08 0.00	43.85 0.81 0.00	42.94 0.78 0.00	39.65 0.73 0.00	38.00 0.51 0.00	34.38 0.46 0.00	30.15 0.46 0.00	27.67 0.41 0.00	30.41 0.44 0.00	37.18 0.58 0.00	41.88 0.80 0.00	44.96 0.93 0.00	48.20 1.12 0.00	48.87 1.27 0.00	47.02 1.24 0.00	47.57 1.16 0.00	45.81 0.99 0.00	34.12 0.74 0.00

MID___OSWEGATCHIE_HYD 23849	31.40 -1.11 0.00	28.04 -1.02 0.00	26.47 -1.00 0.00	26.79 -1.02 0.00	29.76 -1.09 0.00	31.96 -0.97 -1.47	41.77 -0.93 -0.54	48.02 -0.89 -5.87	48.50 -0.65 -6.99	44.84 -0.71 -6.63	43.09 -0.88 -6.48	39.09 -0.94 -6.10	34.42 -0.91 -5.64	31.76 -0.86 -5.36	34.68 -0.96 -5.67	41.68 -1.32 -6.40	46.38 -1.58 -6.88	44.80 -1.49 -2.26	45.47 -1.61 0.00	46.07 -1.53 0.00	44.36 -1.42 0.00	46.32 -1.34 -1.24	51.22 -0.91 -7.31	34.27 -0.60 -1.49
MID___RAQUETTE_HYD 23851	31.65 -0.86 0.00	28.26 -0.80 0.00	26.66 -0.81 0.00	26.94 -0.87 0.00	29.88 -0.97 0.00	32.74 -0.89 -2.16	41.93 -1.02 -0.79	50.64 -1.05 -8.65	51.55 -0.90 -10.29	47.86 -0.82 -9.76	46.27 -0.77 -9.55	42.14 -0.77 -8.99	37.19 -0.81 -8.30	34.48 -0.68 -7.90	37.58 -0.74 -8.35	44.91 -1.11 -9.43	49.82 -1.39 -10.13	46.07 -1.30 -3.33	45.53 -1.55 0.00	45.93 -1.68 0.00	44.12 -1.66 0.00	46.81 -1.44 -1.83	54.74 -0.84 -10.76	35.01 -0.57 -2.19
MILLIKEN___1 23584	32.86 0.35 0.00	29.35 0.29 0.00	27.78 0.31 0.00	28.16 0.33 -0.02	31.24 0.39 0.00	31.94 0.47 0.00	42.91 0.75 0.00	44.39 0.95 -0.40	43.34 0.93 -0.24	39.74 0.82 0.00	38.32 0.84 0.00	34.63 0.71 0.00	30.30 0.60 0.00	27.73 0.48 0.00	30.51 0.55 0.00	37.33 0.73 0.00	41.98 0.90 0.00	44.99 0.95 0.00	48.22 1.01 -0.13	48.59 0.99 0.00	46.81 1.03 0.00	47.35 0.93 0.00	45.65 0.83 0.00	33.90 0.51 0.00
MILLIKEN___2 23585	32.86 0.35 0.00	29.35 0.29 0.00	27.78 0.31 0.00	28.16 0.33 -0.02	31.24 0.39 0.00	31.94 0.47 0.00	42.91 0.75 0.00	44.39 0.95 -0.40	43.34 0.93 -0.24	39.74 0.82 0.00	38.32 0.84 0.00	34.63 0.71 0.00	30.30 0.60 0.00	27.73 0.48 0.00	30.51 0.55 0.00	37.33 0.73 0.00	41.98 0.90 0.00	44.99 0.95 0.00	48.22 1.01 -0.13	48.59 0.99 0.00	46.81 1.03 0.00	47.35 0.93 0.00	45.65 0.83 0.00	33.90 0.51 0.00
MILLIKEN___DIESEL 23629	32.86 0.35 0.00	29.35 0.29 0.00	27.78 0.31 0.00	28.16 0.33 -0.02	31.24 0.39 0.00	31.94 0.47 0.00	42.91 0.75 0.00	44.39 0.95 -0.40	43.34 0.93 -0.24	39.74 0.82 0.00	38.32 0.84 0.00	34.63 0.71 0.00	30.30 0.60 0.00	27.73 0.48 0.00	30.51 0.55 0.00	37.33 0.73 0.00	41.98 0.90 0.00	44.99 0.95 0.00	48.22 1.01 -0.13	48.59 0.99 0.00	46.81 1.03 0.00	47.35 0.93 0.00	45.65 0.83 0.00	33.90 0.51 0.00
MILLSEAT___LFGE 323607	30.98 -1.53 0.00	27.68 -1.38 0.00	26.24 -1.23 0.00	26.35 -1.41 0.05	29.64 -1.21 0.00	30.48 -1.00 0.00	40.62 -1.53 0.00	40.77 -1.19 1.08	40.43 -1.05 0.69	38.21 -0.71 0.00	37.50 0.01 0.00	33.66 -0.26 0.00	29.24 -0.45 0.00	26.80 -0.46 0.00	29.50 -0.47 0.00	36.01 -0.59 0.00	39.93 -1.15 0.00	42.48 -1.56 0.00	44.70 -2.00 0.38	45.44 -2.16 0.00	43.90 -1.88 0.00	44.79 -1.63 0.00	43.65 -1.18 0.00	32.74 -0.65 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.33 1.82 0.00	30.66 1.60 0.00	28.98 1.51 0.00	29.38 1.57 0.00	32.68 1.80 -0.03	33.69 1.84 -0.38	44.92 2.63 -0.13	45.97 2.77 -0.15	44.71 2.50 -0.06	41.11 2.19 0.00	39.54 2.05 0.00	35.85 1.92 0.00	33.48 1.70 -2.09	49.35 1.55 -20.54	31.69 1.72 0.00	38.86 2.26 0.00	43.76 2.69 0.00	46.93 2.89 0.00	50.26 3.19 0.00	50.93 3.33 0.00	49.00 3.22 0.00	49.39 2.98 0.00	47.53 2.71 0.00	35.28 1.89 0.00
MILLWOOD_13_KV_LOAD 356217	34.37 1.85 0.00	30.69 1.63 0.00	29.01 1.54 0.00	29.41 1.60 0.00	32.71 1.84 -0.03	33.72 1.88 -0.38	44.97 2.68 -0.13	46.03 2.84 -0.15	44.78 2.56 -0.06	41.16 2.25 0.00	39.58 2.10 0.00	35.88 1.96 0.00	33.52 1.73 -2.09	49.39 1.59 -20.54	31.73 1.76 0.00	38.92 2.32 0.00	43.83 2.75 0.00	46.99 2.96 0.00	50.35 3.27 0.00	51.01 3.41 0.00	49.07 3.29 0.00	49.46 3.05 0.00	47.59 2.77 0.00	35.32 1.94 0.00
MODEL_CITY_ENERGY 24167	29.88 -2.63 0.00	26.71 -2.34 0.00	25.36 -2.11 0.00	25.43 -2.32 0.06	28.67 -2.18 0.00	29.46 -2.02 0.00	39.09 -3.07 0.00	38.79 -2.88 1.36	38.54 -2.75 0.87	36.67 -2.24 0.00	36.10 -1.39 0.00	32.39 -1.53 0.00	28.14 -1.56 0.00	25.81 -1.44 0.00	28.42 -1.55 0.00	34.71 -1.89 0.00	38.36 -2.72 0.00	40.70 -3.33 0.00	42.66 -3.94 0.48	43.49 -4.11 0.00	42.04 -3.74 0.00	43.01 -3.40 0.00	42.12 -2.70 0.00	31.68 -1.70 0.00
MODERN_LFGE___ 323580	29.88 -2.63 0.00	26.71 -2.34 0.00	25.36 -2.11 0.00	25.43 -2.32 0.06	28.67 -2.18 0.00	29.46 -2.02 0.00	39.09 -3.07 0.00	38.79 -2.88 1.36	38.54 -2.75 0.87	36.67 -2.24 0.00	36.10 -1.39 0.00	32.39 -1.53 0.00	28.14 -1.56 0.00	25.81 -1.44 0.00	28.42 -1.55 0.00	34.71 -1.89 0.00	38.36 -2.72 0.00	40.70 -3.33 0.00	42.66 -3.94 0.48	43.49 -4.11 0.00	42.04 -3.74 0.00	43.01 -3.40 0.00	42.12 -2.70 0.00	31.68 -1.70 0.00
MOHAWK_PAPER___DRP 24187	33.60 1.09 0.00	30.06 1.01 0.00	28.42 0.95 0.00	28.80 1.00 0.00	31.90 1.05 0.00	32.55 1.07 0.00	43.57 1.42 0.00	44.03 0.99 0.00	43.18 1.02 0.00	39.89 0.97 0.00	38.20 0.72 0.00	34.61 0.69 0.00	30.34 0.64 0.00	27.91 0.66 0.00	30.66 0.69 0.00	37.58 0.98 0.00	42.30 1.23 0.00	45.43 1.39 0.00	48.62 1.54 0.00	49.23 1.63 0.00	47.38 1.60 0.00	47.90 1.48 0.00	46.08 1.25 0.00	34.29 0.90 0.00
MOHICAN___35_KV_115KV_LD 80490	34.14 1.63 0.00	30.57 1.51 0.00	28.89 1.42 0.00	29.28 1.47 0.00	32.43 1.58 0.00	33.13 1.66 0.00	44.71 2.55 0.00	45.39 2.35 0.00	44.33 2.17 0.00	40.93 2.01 0.00	39.21 1.72 0.00	35.29 1.37 0.00	30.86 1.17 0.00	28.48 1.22 0.00	31.63 1.66 0.00	38.43 1.83 0.00	43.39 2.31 0.00	46.70 2.66 0.00	50.14 3.06 0.00	50.91 3.31 0.00	48.95 3.17 0.00	49.36 2.94 0.00	47.24 2.42 0.00	35.01 1.62 0.00
MONGAUP___HYD 23641	34.52 2.01 0.00	30.83 1.77 0.00	29.13 1.66 0.00	29.53 1.72 0.00	32.83 1.98 0.00	33.53 2.06 0.00	44.59 2.44 0.00	45.08 2.05 0.00	44.23 2.08 0.00	40.86 1.95 0.00	39.06 1.57 0.00	35.51 1.59 0.00	29.21 1.30 1.78	10.82 1.07 17.51	31.23 1.26 0.00	38.34 1.74 0.00	43.12 2.04 0.00	46.28 2.24 0.00	49.65 2.58 0.00	50.47 2.87 0.00	48.59 2.81 0.00	49.04 2.63 0.00	47.39 2.57 0.00	35.14 1.76 0.00
MONTAUK___DIESEL 23721	33.67 1.42 0.26	29.99 0.94 0.00	28.29 0.82 0.00	28.70 0.89 0.00	31.76 0.98 0.06	31.76 1.17 0.88	43.74 1.89 0.31	44.73 2.05 0.36	42.97 0.96 0.14	38.50 0.65 1.06	37.06 0.47 0.90	33.25 0.85 1.53	30.82 0.65 -0.47	42.23 0.62 -14.36	29.20 0.56 1.32	37.05 0.45 0.00	41.76 0.68 0.00	45.42 1.39 0.00	49.12 2.04 0.00	50.14 2.55 0.00	47.87 2.10 0.00	48.65 2.24 0.00	46.47 1.64 0.00	34.18 0.95 0.15
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.80 -1.71 0.00	27.29 -1.77 0.00	26.01 -1.45 0.00	26.36 -1.40 0.05	29.68 -1.17 0.00	30.59 -0.88 0.00	40.99 -1.17 0.00	41.54 -0.29 1.21	40.85 -0.55 0.76	38.41 -0.51 0.00	37.85 0.36 0.00	33.90 -0.02 0.00	29.52 -0.17 0.00	26.94 -0.32 0.00	29.52 -0.44 0.00	36.15 -0.45 0.00	40.53 -0.54 0.00	43.16 -0.87 0.00	45.92 -0.74 0.42	46.47 -1.13 0.00	44.87 -0.91 0.00	46.11 -0.31 0.00	45.47 0.65 0.00	34.22 0.83 0.00

MORRIS_RIDGE___SOLAR 323848	30.48 -2.03 0.00	27.22 -1.84 0.00	25.75 -1.70 0.01	25.65 -1.80 0.35	29.15 -1.70 0.00	29.82 -1.66 0.00	39.82 -2.34 0.00	33.23 -1.92 7.89	35.28 -1.96 4.93	37.11 -1.80 0.00	36.11 -1.38 0.00	32.41 -1.51 0.00	28.33 -1.37 0.00	25.90 -1.36 0.00	28.44 -1.53 0.00	34.82 -1.78 0.00	38.87 -2.20 0.00	41.44 -2.59 0.00	41.68 -2.67 2.73	44.95 -2.65 0.00	43.61 -2.17 0.00	44.51 -1.91 0.00	43.34 -1.48 0.00	32.52 -0.86 0.00
MORTIMER_115KV_TB3 55949	31.55 -0.97 0.00	28.20 -0.86 0.00	26.67 -0.80 0.00	26.91 -0.90 0.00	30.00 -0.84 0.00	30.75 -0.72 0.00	41.11 -1.05 0.00	42.25 -0.79 0.00	41.50 -0.66 0.00	38.47 -0.44 0.00	37.44 -0.05 0.00	33.72 -0.20 0.00	29.43 -0.27 0.00	26.96 -0.30 0.00	29.65 -0.31 0.00	36.24 -0.36 0.00	40.48 -0.60 0.00	43.17 -0.86 0.00	45.85 -1.22 0.00	46.11 -1.49 0.00	44.47 -1.31 0.00	45.22 -1.20 0.00	43.82 -1.01 0.00	32.75 -0.63 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.89 2.19 -9.18	31.00 1.94 0.00	29.29 1.82 0.00	29.70 1.89 0.00	34.32 2.17 -1.30	51.00 2.22 -17.31	51.42 3.15 -6.11	53.37 3.31 -7.02	47.98 3.00 -2.82	71.96 2.61 -30.44	58.52 2.47 -18.57	58.40 2.29 -22.18	58.74 2.02 -27.02	74.47 1.86 -45.36	53.20 2.04 -21.20	39.26 2.66 0.00	44.24 3.16 0.00	47.41 3.37 0.00	50.75 3.67 0.00	51.42 3.82 0.00	49.48 3.70 0.00	49.85 3.43 0.00	48.05 3.23 0.00	35.65 2.26 0.00
MUNSVILLE_WIND_PWR 323609	32.82 0.31 0.00	29.42 0.36 0.00	28.08 0.62 0.00	28.47 0.64 -0.01	31.51 0.66 0.00	32.25 0.77 0.00	44.04 1.88 0.00	46.33 3.12 -0.17	44.06 1.72 -0.18	40.61 1.69 0.00	38.97 1.48 0.00	34.95 1.03 0.00	30.41 0.72 0.00	27.71 0.45 0.00	30.63 0.66 0.00	37.87 1.27 0.00	42.82 1.75 0.00	46.17 2.14 0.00	49.52 2.35 -0.09	49.62 2.02 0.00	47.85 2.06 0.00	48.36 1.95 0.00	46.73 1.91 0.00	34.55 1.16 0.00
N SALMON___HYD 24042	31.88 -0.64 0.00	28.43 -0.63 0.00	26.73 -0.73 0.00	27.05 -0.76 0.00	30.00 -0.85 0.00	39.85 -0.89 -9.27	44.47 -1.07 -3.38	78.99 -1.08 -37.04	85.31 -0.91 -44.07	79.88 -0.83 -41.80	77.66 -0.71 -40.89	71.73 -0.69 -38.50	64.49 -0.75 -35.54	60.41 -0.69 -33.84	65.04 -0.70 -35.77	76.05 -0.90 -40.35	83.36 -1.10 -43.38	57.35 -0.95 -14.26	46.08 -1.00 0.00	46.45 -1.15 0.00	44.57 -1.21 0.00	53.13 -1.12 -7.83	90.07 -0.83 -46.08	42.18 -0.60 -9.39
N.AKRON__115KV_KNAPP 355671	30.77 -1.74 0.00	27.52 -1.54 0.00	26.08 -1.39 0.00	26.17 -1.59 0.05	29.47 -1.38 0.00	30.30 -1.17 0.00	40.34 -1.82 0.00	40.32 -1.55 1.17	40.03 -1.39 0.74	37.92 -0.99 0.00	37.23 -0.26 0.00	33.39 -0.53 0.00	29.03 -0.67 0.00	26.59 -0.66 0.00	29.28 -0.68 0.00	35.76 -0.84 0.00	39.62 -1.46 0.00	42.13 -1.91 0.00	44.29 -2.38 0.41	45.05 -2.56 0.00	43.53 -2.25 0.00	44.44 -1.97 0.00	43.37 -1.46 0.00	32.56 -0.83 0.00
N.BELMOR_69_KV_BK1 55787	34.65 2.38 0.25	30.91 1.85 0.00	29.18 1.71 0.00	29.57 1.76 0.00	32.74 1.96 0.06	32.64 2.04 0.88	44.94 3.09 0.31	45.99 3.30 0.36	44.54 2.53 0.14	40.24 2.38 1.06	40.17 2.46 -0.21	38.17 2.48 -1.77	34.15 2.15 -2.31	52.69 1.97 -23.46	33.34 2.15 -1.22	39.05 2.45 0.00	44.01 2.93 0.00	47.33 3.29 0.00	50.77 3.69 0.00	51.63 4.02 -0.01	49.56 3.77 -0.01	50.06 3.63 -0.01	47.96 3.14 0.00	36.14 2.26 -0.50
N.E_GEN_SANDY PD 24062	33.74 1.34 0.11	30.27 1.22 0.00	28.63 1.17 0.00	29.04 1.22 -0.01	31.77 1.29 0.36	32.76 1.28 0.00	44.59 1.83 -0.60	43.74 1.77 1.07	41.22 1.67 2.61	40.42 1.51 0.00	38.82 1.33 0.00	35.17 1.25 0.00	31.43 1.17 -0.57	33.94 1.10 -5.58	31.14 1.18 0.00	37.98 1.38 0.00	42.62 1.54 0.00	44.92 1.67 0.79	49.01 1.93 0.00	49.72 2.12 0.00	47.94 2.10 -0.07	48.34 1.93 0.00	46.48 1.66 0.00	34.53 1.15 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.18 1.67 0.00	30.54 1.48 0.00	28.86 1.40 0.00	29.27 1.46 0.00	32.56 1.71 0.00	33.21 1.74 0.00	44.61 2.45 0.00	45.69 2.65 0.00	44.52 2.36 0.00	41.02 2.11 0.00	39.44 1.95 0.00	35.74 1.82 0.00	31.96 1.59 -0.67	35.33 1.44 -6.63	31.57 1.60 0.00	38.75 2.14 0.00	43.65 2.57 0.00	46.80 2.77 0.00	50.15 3.07 0.00	50.79 3.19 0.00	48.83 3.05 0.00	49.22 2.81 0.00	47.33 2.50 0.00	35.12 1.74 0.00
N.QUEENS_27_KV_LOAD 356247	42.21 2.32 -7.38	31.11 2.05 -0.01	29.40 1.92 -0.01	29.82 2.00 -0.01	34.09 2.30 -0.94	46.16 2.31 -12.37	49.87 3.33 -4.37	51.57 3.50 -5.02	47.41 3.23 -2.02	66.12 2.75 -24.45	55.01 2.60 -14.92	54.15 2.41 -17.82	53.91 2.15 -22.06	69.13 1.96 -39.91	49.18 2.18 -17.04	39.44 2.84 0.00	44.45 3.38 0.01	47.60 3.57 0.01	50.94 3.87 0.00	51.61 4.01 0.00	49.66 3.88 0.00	50.01 3.59 0.00	48.27 3.45 0.00	37.55 2.40 -1.76
N.TROY___115KV_TB1 355778	33.55 1.05 0.00	30.00 0.94 0.00	28.35 0.89 0.00	28.75 0.94 0.00	31.82 0.97 0.00	32.46 0.98 0.00	43.57 1.41 0.00	44.18 1.14 0.00	43.27 1.11 0.00	39.95 1.03 0.00	38.31 0.82 0.00	34.65 0.73 0.00	30.37 0.67 0.00	27.94 0.68 0.00	30.76 0.80 0.00	37.54 0.94 0.00	42.22 1.14 0.00	45.31 1.28 0.00	48.57 1.49 0.00	49.26 1.66 0.00	47.39 1.61 0.00	47.92 1.50 0.00	46.08 1.26 0.00	34.23 0.85 0.00
NARROWS_GT1_1 24228	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT1_2 24229	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT1_3 24230	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT1_4 24231	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60

NARROWS_GT1_5 24232	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT1_6 24233	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT1_7 24234	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT1_8 24235	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT2_1 24236	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT2_2 24237	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT2_3 24238	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT2_4 24239	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT2_5 24240	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT2_6 24241	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT2_7 24242	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NARROWS_GT2_8 24243	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.77 1.26 0.00	30.21 1.15 0.00	28.56 1.10 0.00	28.95 1.14 0.00	32.07 1.23 0.00	32.76 1.29 0.00	43.91 1.75 0.00	44.51 1.48 0.00	43.70 1.54 0.00	40.38 1.47 0.00	38.65 1.16 0.00	34.88 0.96 0.00	30.44 0.75 0.00	27.86 0.61 0.00	30.58 0.62 0.00	37.40 0.80 0.00	42.22 1.15 0.00	45.60 1.56 0.00	49.15 2.08 0.00	49.90 2.30 0.00	48.00 2.22 0.00	48.49 2.07 0.00	46.61 1.79 0.00	34.66 1.27 0.00
NCHELSEA_115KV_TR2 355582	34.37 1.86 0.00	30.69 1.64 0.00	29.02 1.55 0.00	29.42 1.61 0.00	32.67 1.83 0.00	33.37 1.89 0.00	44.85 2.69 0.00	45.88 2.84 0.00	44.79 2.63 0.00	41.26 2.35 0.00	39.70 2.21 0.00	35.98 2.06 0.00	31.50 1.81 0.00	28.91 1.65 0.00	31.78 1.81 0.00	38.95 2.34 0.00	43.84 2.76 0.00	47.03 3.00 0.00	50.43 3.36 0.00	51.12 3.52 0.00	49.17 3.38 0.00	49.57 3.15 0.00	47.63 2.81 0.00	35.35 1.97 0.00
NEG CAPITAL___MECHNVIL 23645	34.01 1.50 0.00	30.39 1.34 0.00	28.71 1.25 0.00	29.12 1.31 0.00	32.28 1.43 0.00	32.95 1.48 0.00	44.31 2.15 0.00	45.03 1.99 0.00	44.03 1.87 0.00	40.65 1.74 0.00	38.97 1.48 0.00	35.18 1.26 0.00	30.79 1.10 0.00	28.35 1.09 0.00	31.39 1.42 0.00	38.25 1.65 0.00	43.06 1.98 0.00	46.27 2.23 0.00	49.59 2.51 0.00	50.27 2.67 0.00	48.32 2.54 0.00	48.82 2.41 0.00	46.92 2.10 0.00	34.81 1.43 0.00

NEG CENTRAL_HIGH_ACRES 23767	31.23 -1.29 0.00	27.90 -1.16 0.00	26.39 -1.08 0.00	26.65 -1.16 0.00	29.70 -1.15 0.00	30.43 -1.04 0.00	40.71 -1.44 0.00	41.84 -1.20 0.00	41.06 -1.10 0.00	38.02 -0.90 0.00	36.97 -0.52 0.00	33.33 -0.59 0.00	29.09 -0.60 0.00	26.66 -0.60 0.00	29.34 -0.63 0.00	35.83 -0.77 0.00	40.03 -1.05 0.00	42.76 -1.27 0.00	45.45 -1.63 0.00	45.74 -1.86 0.00	44.07 -1.71 0.00	44.76 -1.65 0.00	43.30 -1.52 0.00	32.31 -1.07 0.00
NEG CENTRAL___DRP 24199	32.29 -0.22 0.00	28.83 -0.22 0.00	27.30 -0.16 0.00	27.64 -0.19 -0.02	30.72 -0.13 0.00	31.43 -0.04 0.00	42.16 0.00 0.00	43.83 0.27 -0.51	42.71 0.23 -0.32	39.13 0.22 0.00	37.89 0.40 0.00	34.18 0.26 0.00	29.88 0.18 0.00	27.34 0.09 0.00	30.06 0.10 0.00	36.74 0.14 0.00	41.25 0.17 0.00	44.10 0.07 0.00	47.27 0.02 -0.17	47.53 -0.08 0.00	45.85 0.07 0.00	46.41 0.00 0.00	44.84 0.02 0.00	33.39 0.00 0.00
NEG CENTRAL___INDECK 23768	31.96 -0.54 0.00	28.56 -0.49 0.00	27.03 -0.45 -0.01	27.51 -0.54 -0.25	30.51 -0.34 0.00	31.28 -0.19 0.00	42.01 -0.15 0.00	48.81 0.26 -5.51	45.87 0.28 -3.44	39.18 0.26 0.00	37.85 0.36 0.00	33.94 0.02 0.00	29.65 -0.05 0.00	27.17 -0.09 0.00	29.78 -0.18 0.00	36.60 0.00 0.00	41.01 -0.07 0.00	43.70 -0.33 0.00	48.61 -0.37 -1.91	47.21 -0.39 0.00	45.73 -0.05 0.00	46.62 0.20 0.00	45.13 0.31 0.00	33.71 0.32 0.00
NEG CENTRAL___SENECA 23627	32.28 -0.23 0.00	28.83 -0.23 0.00	27.29 -0.18 0.00	27.65 -0.20 -0.04	30.77 -0.08 0.00	31.50 0.02 0.00	42.27 0.11 0.00	44.31 0.46 -0.82	43.06 0.39 -0.51	39.25 0.34 0.00	38.04 0.56 0.00	34.30 0.38 0.00	29.96 0.27 0.00	27.39 0.13 0.00	30.12 0.16 0.00	36.84 0.24 0.00	41.33 0.25 0.00	44.16 0.12 0.00	47.47 0.11 -0.28	47.55 -0.05 0.00	45.94 0.15 0.00	46.50 0.09 0.00	44.98 0.16 0.00	33.52 0.14 0.00
NEG CENTRAL___STATE_STREET 24147	32.56 0.05 0.00	29.09 0.04 0.00	27.53 0.07 0.00	27.89 0.08 0.00	30.88 0.03 0.00	31.63 0.16 0.00	42.39 0.23 0.00	43.47 0.43 0.00	42.55 0.40 0.00	39.27 0.36 0.00	37.98 0.49 0.00	34.31 0.40 0.00	30.01 0.31 0.00	27.48 0.22 0.00	30.24 0.27 0.00	36.95 0.35 0.00	41.50 0.42 0.00	44.41 0.37 0.00	47.29 0.21 0.00	47.86 0.26 0.00	46.12 0.34 0.00	46.66 0.25 0.00	45.04 0.22 0.00	33.42 0.04 0.00
NEG MILLWOOD___DRP 24198	34.50 1.99 0.00	30.82 1.77 0.00	29.13 1.66 0.00	29.53 1.72 0.00	32.81 1.96 0.00	33.50 2.03 0.00	45.08 2.92 0.00	46.13 3.09 0.00	45.01 2.85 0.00	41.45 2.53 0.00	39.87 2.38 0.00	36.13 2.21 0.00	32.29 1.96 -0.63	35.20 1.79 -6.15	31.94 1.98 0.00	39.15 2.55 0.00	44.09 3.01 0.00	47.28 3.25 0.00	50.70 3.62 0.00	51.41 3.81 0.00	49.44 3.65 0.00	49.83 3.41 0.00	47.89 3.07 0.00	35.52 2.13 0.00
NEG NORTH_FLCN_SEA 23793	32.07 -0.44 0.00	28.56 -0.49 0.00	26.85 -0.62 0.00	27.18 -0.63 0.00	30.10 -0.75 0.00	17.55 -0.86 13.06	36.34 -1.06 4.77	-10.45 -1.16 52.33	-21.19 -1.03 62.31	-21.16 -0.98 59.09	-21.18 -0.86 57.80	-21.23 -0.75 54.40	-21.17 -0.75 50.12	-21.15 -0.68 47.72	-21.16 -0.68 50.44	-21.14 -0.85 56.89	-21.05 -0.99 61.14	23.05 -0.89 20.10	46.20 -0.88 0.00	46.60 -1.00 0.00	44.65 -1.13 0.00	34.24 -1.14 11.04	-21.11 -0.99 64.95	19.45 -0.70 13.24
NEG NORTH_KES_CHATEGAY 23792	31.72 -0.79 0.00	28.28 -0.78 0.00	26.57 -0.90 0.00	26.87 -0.94 0.00	29.79 -1.06 0.00	16.39 -1.14 13.94	35.56 -1.52 5.09	-14.41 -1.61 55.85	-25.79 -1.45 66.50	-25.52 -1.38 63.06	-25.42 -1.23 61.69	-25.25 -1.12 58.05	-24.92 -1.12 53.50	-24.71 -1.04 50.93	-24.94 -1.06 53.84	-25.41 -1.29 60.72	-25.73 -1.55 65.26	21.17 -1.41 21.45	45.62 -1.46 0.00	46.01 -1.59 0.00	44.10 -1.68 0.00	32.99 -1.64 11.78	-25.90 -1.40 69.32	18.26 -0.99 14.13
NEG NORTH___ALICE_FALLS 23915	32.11 -0.40 0.00	28.60 -0.46 0.00	26.87 -0.59 0.00	27.20 -0.61 0.00	30.13 -0.72 0.00	17.50 -0.78 13.20	36.40 -0.95 4.82	-10.86 -1.01 52.89	-21.75 -0.93 62.97	-21.72 -0.91 59.72	-21.68 -0.75 58.42	-21.74 -0.68 54.98	-21.69 -0.73 50.66	-21.62 -0.65 48.23	-21.68 -0.66 50.98	-21.75 -0.85 57.50	-21.69 -0.97 61.80	22.87 -0.85 20.31	46.27 -0.81 0.00	46.70 -0.90 0.00	44.75 -1.03 0.00	34.23 -1.03 11.15	-21.70 -0.88 65.64	19.37 -0.64 13.38
NEG NORTH___LWR_SARANAC 23913	32.11 -0.40 0.00	28.60 -0.46 0.00	26.87 -0.59 0.00	27.20 -0.61 0.00	30.13 -0.72 0.00	17.50 -0.78 13.20	36.40 -0.95 4.82	-10.86 -1.01 52.89	-21.75 -0.93 62.97	-21.72 -0.91 59.72	-21.68 -0.75 58.42	-21.74 -0.68 54.98	-21.69 -0.73 50.66	-21.62 -0.65 48.23	-21.68 -0.66 50.98	-21.75 -0.85 57.50	-21.69 -0.97 61.80	22.87 -0.85 20.31	46.27 -0.81 0.00	46.70 -0.90 0.00	44.75 -1.03 0.00	34.23 -1.03 11.15	-21.70 -0.88 65.64	19.37 -0.64 13.38
NEG NORTH___PLATTSBURG 23628	32.11 -0.40 0.00	28.60 -0.46 0.00	26.87 -0.59 0.00	27.19 -0.61 0.00	30.13 -0.72 0.00	17.50 -0.78 13.20	36.40 -0.94 4.82	-10.86 -1.02 52.89	-21.74 -0.93 62.97	-21.72 -0.92 59.72	-21.68 -0.75 58.42	-21.74 -0.69 54.98	-21.70 -0.73 50.66	-21.63 -0.65 48.23	-21.68 -0.66 50.98	-21.75 -0.85 57.50	-21.69 -0.97 61.80	22.87 -0.86 20.31	46.27 -0.81 0.00	46.69 -0.91 0.00	44.75 -1.04 0.00	34.23 -1.03 11.15	-21.70 -0.88 65.64	19.37 -0.64 13.38
NEG WEST_LEA_LOCKPORT 23791	30.18 -2.33 0.00	26.98 -2.07 0.00	25.57 -1.89 0.00	25.65 -2.10 0.06	28.88 -1.96 0.00	29.69 -1.78 0.00	39.44 -2.72 0.00	39.16 -2.48 1.40	38.95 -2.32 0.88	37.08 -1.83 0.00	36.47 -1.02 0.00	32.70 -1.22 0.00	28.43 -1.27 0.00	26.05 -1.21 0.00	28.68 -1.29 0.00	35.05 -1.55 0.00	38.79 -2.29 0.00	41.17 -2.87 0.00	43.18 -3.40 0.49	44.04 -3.56 0.00	42.57 -3.22 0.00	43.54 -2.87 0.00	42.58 -2.25 0.00	32.03 -1.35 0.00
NEG WEST___LANCASTR 23811	31.25 -1.26 0.00	27.90 -1.16 0.00	26.42 -1.05 0.00	26.59 -1.16 0.06	29.83 -1.01 0.00	30.56 -0.92 0.00	40.76 -1.40 0.00	40.74 -0.88 1.42	40.37 -0.90 0.89	38.18 -0.74 0.00	37.32 -0.17 0.00	33.49 -0.43 0.00	29.22 -0.48 0.00	26.73 -0.52 0.00	29.42 -0.55 0.00	35.99 -0.60 0.00	40.12 -0.96 0.00	42.59 -1.44 0.00	44.81 -1.78 0.49	45.64 -1.96 0.00	44.12 -1.66 0.00	45.03 -1.39 0.00	43.85 -0.98 0.00	32.92 -0.46 0.00
NEG_PENN_ALLEGHNY 23528	32.71 0.20 0.00	29.21 0.15 0.00	27.65 0.18 0.00	28.01 0.20 0.00	31.17 0.32 0.00	31.81 0.34 0.00	42.66 0.51 0.00	43.85 0.81 0.00	42.87 0.71 0.00	39.45 0.53 0.00	38.01 0.52 0.00	34.31 0.39 0.00	30.05 0.36 0.00	27.52 0.27 0.00	30.24 0.28 0.00	36.98 0.38 0.00	41.59 0.52 0.00	44.44 0.41 0.00	47.59 0.51 0.00	48.08 0.48 0.00	46.34 0.56 0.00	46.91 0.49 0.00	45.31 0.49 0.00	33.72 0.34 0.00
NEG___GEN_MONROE 24207	31.66 -0.85 0.00	28.29 -0.77 0.00	26.76 -0.71 0.00	26.98 -0.82 0.01	30.14 -0.71 0.00	30.92 -0.56 0.00	41.34 -0.82 0.00	42.30 -0.52 0.22	41.63 -0.39 0.14	38.73 -0.18 0.00	37.74 0.25 0.00	33.97 0.05 0.00	29.61 -0.08 0.00	27.12 -0.13 0.00	29.83 -0.13 0.00	36.45 -0.15 0.00	40.67 -0.41 0.00	43.39 -0.64 0.00	46.09 -0.99 0.00	46.37 -1.23 0.00	44.72 -1.06 0.00	45.49 -0.93 0.00	44.10 -0.72 0.00	32.97 -0.41 0.00

NEPA__ENERGY 23901	31.62 -0.89 0.00	28.14 -0.91 0.00	26.76 -0.70 0.00	27.04 -0.70 0.06	30.43 -0.41 0.00	31.17 -0.31 0.00	41.62 -0.54 0.00	41.79 0.20 1.46	41.12 -0.13 0.91	38.66 -0.25 0.00	37.67 0.18 0.00	33.80 -0.12 0.00	29.50 -0.20 0.00	26.90 -0.36 0.00	29.52 -0.45 0.00	36.20 -0.40 0.00	40.73 -0.34 0.00	43.22 -0.81 0.00	45.84 -0.72 0.52	46.60 -1.00 0.00	45.05 -0.73 0.00	45.97 -0.45 0.00	45.02 0.20 0.00	33.79 0.40 0.00
NEVERSink__HYD 23608	34.32 1.81 0.00	30.86 1.81 0.00	29.29 1.82 0.00	29.70 1.90 0.00	33.03 2.18 0.00	33.76 2.29 0.00	45.36 3.20 0.00	46.47 3.43 0.00	45.39 3.23 0.00	41.86 2.94 0.00	40.32 2.83 0.00	36.39 2.47 0.00	31.20 2.09 0.58	23.47 1.95 5.73	32.13 2.16 0.00	39.40 2.80 0.00	44.32 3.25 0.00	47.63 3.59 0.00	51.11 4.04 0.00	51.73 4.13 0.00	49.71 3.93 0.00	50.13 3.71 0.00	48.17 3.35 0.00	35.78 2.40 0.00
NEWKRMKL_115KV_TB1 55635	33.23 0.71 0.00	29.74 0.68 0.00	28.12 0.65 0.00	28.50 0.69 0.00	31.56 0.71 0.00	32.20 0.72 0.00	43.04 0.88 0.00	43.56 0.52 0.00	42.74 0.58 0.00	39.49 0.58 0.00	37.82 0.33 0.00	34.29 0.37 0.00	30.13 0.44 0.00	27.71 0.45 0.00	30.29 0.33 0.00	37.19 0.59 0.00	41.84 0.77 0.00	44.91 0.87 0.00	48.09 1.01 0.00	48.73 1.13 0.00	46.87 1.09 0.00	47.38 0.97 0.00	45.59 0.77 0.00	33.96 0.57 0.00
NEWTON__FALLS_HYD 23847	31.40 -1.11 0.00	28.04 -1.02 0.00	26.47 -1.00 0.00	26.79 -1.02 0.00	29.76 -1.09 0.00	31.96 -0.97 -1.47	41.77 -0.93 -0.54	48.02 -0.89 -5.87	48.50 -0.65 -6.99	44.84 -0.71 -6.63	43.09 -0.88 -6.48	39.09 -0.94 -6.10	34.42 -0.91 -5.64	31.76 -0.86 -5.36	34.68 -0.96 -5.67	41.68 -1.32 -6.40	46.38 -1.58 -6.88	44.80 -1.49 -2.26	45.47 -1.61 0.00	46.07 -1.53 0.00	44.36 -1.42 0.00	46.32 -1.34 -1.24	51.22 -0.91 -7.31	34.27 -0.60 -1.49
NGRID_A1_DSASP 323792	29.72 -2.80 0.00	26.55 -2.51 0.00	25.15 -2.31 0.00	25.21 -2.53 0.06	28.32 -2.52 0.00	29.10 -2.37 0.00	38.64 -3.51 0.00	38.40 -3.19 1.45	38.30 -2.95 0.91	36.47 -2.45 0.00	35.95 -1.54 0.00	32.23 -1.68 0.00	28.01 -1.68 0.00	25.68 -1.58 0.00	28.28 -1.68 0.00	34.58 -2.02 0.00	38.21 -2.87 0.00	40.53 -3.51 0.00	42.47 -4.11 0.50	43.32 -4.28 0.00	41.86 -3.92 0.00	42.81 -3.61 0.00	41.91 -2.91 0.00	31.56 -1.82 0.00
NGRID_A2_DSASP 323793	29.72 -2.80 0.00	26.55 -2.51 0.00	25.15 -2.31 0.00	25.21 -2.53 0.06	28.32 -2.52 0.00	29.10 -2.37 0.00	38.64 -3.51 0.00	38.40 -3.19 1.45	38.30 -2.95 0.91	36.47 -2.45 0.00	35.95 -1.54 0.00	32.23 -1.68 0.00	28.01 -1.68 0.00	25.68 -1.58 0.00	28.28 -1.68 0.00	34.58 -2.02 0.00	38.21 -2.87 0.00	40.53 -3.51 0.00	42.47 -4.11 0.50	43.32 -4.28 0.00	41.86 -3.92 0.00	42.81 -3.61 0.00	41.91 -2.91 0.00	31.56 -1.82 0.00
NGRID_A4_DSASP 323807	29.72 -2.80 0.00	26.55 -2.51 0.00	25.15 -2.31 0.00	25.21 -2.53 0.06	28.32 -2.52 0.00	29.10 -2.37 0.00	38.64 -3.51 0.00	38.40 -3.19 1.45	38.30 -2.95 0.91	36.47 -2.45 0.00	35.95 -1.54 0.00	32.23 -1.68 0.00	28.01 -1.68 0.00	25.68 -1.58 0.00	28.28 -1.68 0.00	34.58 -2.02 0.00	38.21 -2.87 0.00	40.53 -3.51 0.00	42.47 -4.11 0.50	43.32 -4.28 0.00	41.86 -3.92 0.00	42.81 -3.61 0.00	41.91 -2.91 0.00	31.56 -1.82 0.00
NIAGARA_115E_LBMP 323715	29.71 -2.80 0.00	26.56 -2.50 0.00	25.22 -2.24 0.00	25.29 -2.46 0.06	28.54 -2.31 0.00	29.31 -2.17 0.00	38.86 -3.30 0.00	38.51 -3.14 1.40	38.24 -3.02 0.89	36.42 -2.50 0.00	35.88 -1.61 0.00	32.18 -1.74 0.00	27.95 -1.74 0.00	25.65 -1.61 0.00	28.24 -1.73 0.00	34.49 -2.11 0.00	38.11 -2.97 0.00	40.41 -3.62 0.49	42.33 -4.25 0.00	43.16 -4.44 0.00	41.73 -4.05 0.00	42.70 -3.71 0.00	41.85 -2.97 0.00	31.49 -1.89 0.00
NIAGARA_115W_LBMP 323714	29.63 -2.89 0.00	26.48 -2.58 0.00	25.08 -2.38 0.00	25.14 -2.60 0.06	28.25 -2.60 0.00	29.01 -2.46 0.00	38.53 -3.62 0.00	38.31 -3.29 1.44	38.20 -3.07 0.90	36.36 -2.56 0.00	35.84 -1.65 0.00	32.13 -1.78 0.00	27.93 -1.77 0.00	25.60 -1.66 0.00	28.20 -1.77 0.00	34.47 -2.12 0.00	38.09 -2.98 0.00	40.41 -3.63 0.00	42.33 -4.25 0.50	43.18 -4.42 0.00	41.72 -4.06 0.00	42.67 -3.75 0.00	41.78 -3.04 0.00	31.46 -1.92 0.00
NIAGARA_230_LBMP 323716	29.98 -2.53 0.00	26.78 -2.28 0.00	25.38 -2.08 0.00	25.45 -2.30 0.06	28.59 -2.26 0.00	29.36 -2.12 0.00	39.00 -3.16 0.00	38.79 -2.86 1.39	38.63 -2.67 0.86	36.72 -2.19 0.00	36.14 -1.35 0.00	32.43 -1.49 0.00	28.20 -1.50 0.00	25.84 -1.42 0.00	28.46 -1.50 0.00	34.80 -1.80 0.00	38.51 -2.57 0.00	40.86 -3.17 0.00	42.87 -3.73 0.48	43.72 -3.88 0.00	42.23 -3.56 0.00	43.19 -3.23 0.00	42.22 -2.61 0.00	31.77 -1.62 0.00
NIAGARA__115KV_198_GIBSON 55903	29.63 -2.88 0.00	26.50 -2.56 0.00	25.08 -2.38 0.00	25.14 -2.61 0.06	28.25 -2.59 0.00	29.03 -2.44 0.00	38.55 -3.61 0.00	38.27 -3.33 1.44	38.17 -3.09 0.90	36.37 -2.54 0.00	35.83 -1.66 0.00	32.11 -1.80 0.00	27.91 -1.78 0.00	25.57 -1.68 0.00	28.18 -1.79 0.00	34.45 -2.15 0.00	38.09 -2.99 0.00	40.41 -3.63 0.00	42.33 -4.25 0.50	43.19 -4.41 0.00	41.72 -4.06 0.00	42.68 -3.74 0.00	41.77 -3.06 0.00	31.46 -1.92 0.00
NIAGARA____ 23760	29.98 -2.53 0.00	26.78 -2.28 0.00	25.38 -2.08 0.00	25.45 -2.30 0.06	28.59 -2.26 0.00	29.36 -2.12 0.00	39.00 -3.16 0.00	38.79 -2.86 1.40	38.62 -2.67 0.87	36.72 -2.19 0.00	36.14 -1.35 0.00	32.43 -1.49 0.00	28.20 -1.50 0.00	25.84 -1.42 0.00	28.46 -1.50 0.00	34.80 -1.80 0.00	38.51 -2.57 0.00	40.86 -3.17 0.00	42.86 -3.73 0.49	43.72 -3.88 0.00	42.23 -3.56 0.00	43.19 -3.23 0.00	42.22 -2.61 0.00	31.77 -1.62 0.00
NINE_MILE_1 23575	31.54 -0.97 0.00	28.20 -0.86 0.00	26.67 -0.79 0.00	26.99 -0.82 0.00	29.94 -0.90 0.00	30.51 -0.97 0.00	40.79 -1.37 0.00	41.69 -1.35 0.00	40.85 -1.30 0.00	37.73 -1.19 0.00	36.40 -1.09 0.00	32.94 -0.98 0.00	28.86 -0.84 0.00	26.49 -0.76 0.00	29.11 -0.85 0.00	35.50 -1.09 0.00	39.82 -1.26 0.00	42.64 -1.39 0.00	45.55 -1.52 0.00	46.01 -1.59 0.00	44.29 -1.49 0.00	44.90 -1.52 0.00	43.34 -1.49 0.00	32.31 -1.08 0.00
NINE_MILE_2 23744	31.54 -0.97 0.00	28.20 -0.86 0.00	26.67 -0.79 0.00	27.00 -0.81 0.00	29.94 -0.90 0.00	30.51 -0.97 0.00	40.79 -1.37 0.00	41.69 -1.35 0.00	40.85 -1.30 0.00	37.73 -1.18 0.00	36.40 -1.09 0.00	32.94 -0.98 0.00	28.86 -0.84 0.00	26.49 -0.76 0.00	29.11 -0.85 0.00	35.50 -1.09 0.00	39.82 -1.26 0.00	42.64 -1.39 0.00	45.55 -1.52 0.00	46.02 -1.58 0.00	44.29 -1.49 0.00	44.90 -1.52 0.00	43.34 -1.49 0.00	32.31 -1.08 0.00
NM_CAPITAL__DRP 24208	33.22 0.71 0.00	29.74 0.68 0.00	28.11 0.65 0.00	28.50 0.69 0.00	31.55 0.70 0.00	32.17 0.70 0.00	43.01 0.85 0.00	43.45 0.41 0.00	42.64 0.48 0.00	39.40 0.49 0.00	37.74 0.25 0.00	34.22 0.29 0.00	30.06 0.36 0.00	27.63 0.38 0.00	30.26 0.29 0.00	37.12 0.52 0.00	41.77 0.69 0.00	44.82 0.79 0.00	48.07 0.99 0.00	48.81 1.21 0.00	46.96 1.18 0.00	47.49 1.07 0.00	45.69 0.87 0.00	34.02 0.63 0.00

NM_CENTRAL___DRP 24181	32.15 -0.36 0.00	28.74 -0.32 0.00	27.18 -0.29 0.00	27.51 -0.30 0.00	30.54 -0.31 0.00	31.16 -0.31 0.00	41.71 -0.45 0.00	42.70 -0.34 0.00	41.85 -0.31 0.00	38.64 -0.27 0.00	37.28 -0.20 0.00	33.73 -0.19 0.00	29.56 -0.14 0.00	27.11 -0.14 0.00	29.80 -0.16 0.00	36.37 -0.23 0.00	40.81 -0.27 0.00	43.68 -0.36 0.00	46.66 -0.42 0.00	47.14 -0.46 0.00	45.37 -0.41 0.00	45.95 -0.47 0.00	44.33 -0.49 0.00	33.01 -0.38 0.00
NM_FRONTIER___DRP 24179	29.63 -2.88 0.00	26.50 -2.56 0.00	25.08 -2.38 0.00	25.14 -2.61 0.06	28.25 -2.59 0.00	29.03 -2.44 0.00	38.55 -3.61 0.00	38.27 -3.33 1.44	38.17 -3.09 0.90	36.37 -2.54 0.00	35.83 -1.66 0.00	32.11 -1.80 0.00	27.91 -1.78 0.00	25.57 -1.68 0.00	28.18 -1.79 0.00	34.45 -2.15 0.00	38.09 -2.99 0.00	40.41 -3.63 0.00	42.33 -4.25 0.50	43.19 -4.41 0.00	41.72 -4.06 0.00	42.68 -3.74 0.00	41.77 -3.06 0.00	31.46 -1.92 0.00
NM_ST_REGIS___HYD 24053	31.71 -0.80 0.00	28.30 -0.76 0.00	26.67 -0.79 0.00	26.97 -0.85 0.00	29.90 -0.95 0.00	34.20 -0.89 -3.63	42.45 -1.03 -1.32	56.47 -1.07 -14.49	58.50 -0.90 -17.24	54.44 -0.83 -16.36	52.72 -0.77 -16.00	48.22 -0.77 -15.07	42.79 -0.81 -13.91	39.81 -0.69 -13.24	43.22 -0.74 -14.00	51.32 -1.07 -15.79	56.72 -1.33 -16.98	48.40 -1.21 -5.58	45.66 -1.42 0.00	46.06 -1.54 0.00	44.23 -1.55 0.00	48.12 -1.36 -3.06	62.01 -0.84 -18.03	36.49 -0.57 -3.68
NORTHPORT___1 23551	34.75 2.50 0.26	30.99 1.93 0.00	29.26 1.79 0.00	29.65 1.84 0.00	32.79 2.01 0.06	32.68 2.08 0.88	44.80 2.95 0.31	45.77 3.09 0.36	44.26 2.24 0.14	39.95 2.09 1.06	38.77 2.22 0.94	34.63 2.34 1.63	32.19 2.08 -0.41	43.21 1.89 -14.06	30.54 1.98 1.40	38.78 2.18 0.00	43.65 2.57 0.00	47.11 3.07 0.00	50.56 3.48 0.00	51.31 3.71 0.00	49.16 3.38 0.00	49.77 3.36 0.00	47.75 2.93 0.00	35.26 2.06 0.17
NORTHPORT___2 23552	34.75 2.50 0.26	30.99 1.93 0.00	29.26 1.79 0.00	29.65 1.84 0.00	32.79 2.01 0.06	32.68 2.08 0.88	44.80 2.95 0.31	45.77 3.09 0.36	44.26 2.24 0.14	39.95 2.09 1.06	38.77 2.22 0.94	34.63 2.34 1.63	32.19 2.08 -0.41	43.21 1.89 -14.06	30.54 1.98 1.40	38.78 2.18 0.00	43.65 2.57 0.00	47.11 3.07 0.00	50.56 3.48 0.00	51.31 3.71 0.00	49.16 3.38 0.00	49.77 3.36 0.00	47.75 2.93 0.00	35.26 2.06 0.17
NORTHPORT___3 23553	33.95 1.70 0.26	30.37 1.31 0.00	28.66 1.19 0.00	29.04 1.23 0.00	32.05 1.27 0.06	31.88 1.28 0.88	43.88 2.03 0.31	44.91 2.23 0.36	43.45 1.44 0.14	39.34 1.49 1.06	38.26 1.72 0.95	34.13 1.86 1.65	31.74 1.64 -0.40	42.76 1.49 -14.01	30.07 1.52 1.42	38.20 1.60 0.00	42.92 1.84 0.00	46.23 2.19 0.00	49.60 2.53 0.00	50.41 2.81 0.00	48.29 2.51 0.00	48.84 2.43 0.00	46.97 2.15 0.00	34.77 1.56 0.18
NORTHPORT___4 23650	33.95 1.70 0.26	30.37 1.31 0.00	28.66 1.19 0.00	29.04 1.23 0.00	32.05 1.27 0.06	31.88 1.28 0.88	43.88 2.03 0.31	44.91 2.23 0.36	43.45 1.44 0.14	39.34 1.49 1.06	38.26 1.72 0.95	34.13 1.86 1.65	31.74 1.64 -0.40	42.76 1.49 -14.01	30.07 1.52 1.42	38.20 1.60 0.00	42.92 1.84 0.00	46.23 2.19 0.00	49.60 2.53 0.00	50.41 2.81 0.00	48.29 2.51 0.00	48.84 2.43 0.00	46.97 2.15 0.00	34.77 1.56 0.18
NORTHPORT___IC 23718	34.77 2.52 0.26	30.99 1.93 0.00	29.26 1.80 0.00	29.65 1.84 0.00	32.79 2.01 0.06	32.67 2.08 0.88	44.85 3.00 0.31	45.78 3.09 0.36	44.26 2.24 0.14	39.94 2.09 1.06	38.77 2.22 0.94	34.63 2.34 1.63	32.19 2.08 -0.41	43.22 1.90 -14.06	30.54 1.98 1.40	38.78 2.18 0.00	43.64 2.57 0.00	47.11 3.07 0.00	50.55 3.48 0.00	51.30 3.71 0.00	49.16 3.38 0.00	49.77 3.36 0.00	47.76 2.93 0.00	35.27 2.06 0.17
NORTH___COUNTRY_ESR 323785	31.63 -0.88 0.00	28.21 -0.84 0.00	26.51 -0.96 0.00	26.81 -0.99 0.00	29.70 -1.14 0.00	16.28 -1.23 13.96	35.41 -1.65 5.09	-14.63 -1.75 55.92	-26.01 -1.58 66.59	-25.71 -1.48 63.15	-25.61 -1.33 61.77	-25.38 -1.17 58.14	-25.03 -1.16 53.57	-24.83 -1.08 51.01	-25.07 -1.12 53.92	-25.58 -1.38 60.81	-25.92 -1.64 65.35	21.01 -1.54 21.48	45.44 -1.63 0.00	45.82 -1.78 0.00	43.92 -1.86 0.00	32.79 -1.82 11.80	-26.16 -1.57 69.42	18.13 -1.10 14.15
NPX_GEN_1385_PROXY 323591	34.74 2.49 0.26	30.99 1.93 0.00	29.26 1.79 0.00	29.65 1.84 0.00	32.79 2.01 0.06	32.67 2.07 0.88	44.59 2.74 0.31	45.07 2.39 0.36	43.55 1.54 0.14	39.05 1.20 1.06	37.94 1.39 0.94	33.89 1.60 1.63	31.73 1.62 -0.41	42.90 1.57 -14.06	29.95 1.39 1.40	37.91 1.31 0.00	42.69 1.61 0.00	46.63 2.60 0.00	50.15 3.07 0.00	50.40 2.81 0.00	48.10 2.32 0.00	48.83 2.42 0.00	47.28 2.46 0.00	34.65 1.44 0.17
NPX_GEN_CSC 323557	34.61 2.36 0.26	30.87 1.81 0.00	29.14 1.67 0.00	29.53 1.72 0.00	32.69 1.91 0.06	32.63 2.03 0.88	44.81 2.96 0.31	45.84 3.16 0.36	44.05 2.04 0.14	39.61 1.76 1.06	38.19 1.60 0.90	34.36 1.97 1.53	31.84 1.67 -0.47	43.10 1.49 -14.35	30.21 1.57 1.32	38.29 1.70 0.00	43.01 1.93 0.00	46.76 2.72 0.00	50.36 3.29 0.00	51.24 3.64 0.00	48.89 3.11 0.00	49.77 3.36 0.00	47.60 2.77 0.00	34.95 1.72 0.15
NSINS_S___GLNS_FALLS 23858	34.14 1.63 0.00	30.56 1.50 0.00	28.88 1.41 0.00	29.27 1.46 0.00	32.42 1.57 0.00	33.13 1.66 0.00	44.69 2.54 0.00	45.39 2.34 0.00	44.33 2.17 0.00	40.93 2.02 0.00	39.22 1.73 0.00	35.31 1.39 0.00	30.88 1.18 0.00	28.49 1.23 0.00	31.65 1.68 0.00	38.45 1.85 0.00	43.40 2.33 0.00	46.70 2.66 0.00	50.14 3.06 0.00	50.91 3.31 0.00	48.95 3.17 0.00	49.36 2.94 0.00	47.27 2.45 0.00	35.01 1.63 0.00
NUCOR_STEEL___DRP 24197	32.55 0.04 0.00	29.08 0.02 0.00	27.53 0.06 0.00	27.89 0.08 0.00	30.85 0.00 0.00	31.61 0.14 0.00	42.35 0.19 0.00	43.42 0.38 0.00	42.51 0.35 0.00	39.22 0.31 0.00	37.91 0.43 0.00	34.28 0.36 0.00	29.99 0.29 0.00	27.45 0.20 0.00	30.22 0.25 0.00	36.92 0.32 0.00	41.46 0.38 0.00	44.38 0.35 0.00	47.23 0.16 0.00	47.83 0.23 0.00	46.08 0.30 0.00	46.62 0.21 0.00	45.00 0.18 0.00	33.38 -0.01 0.00
NUMBER_THREE_WT_PWR 323818	31.34 -1.17 0.00	27.99 -1.06 0.00	26.44 -1.03 0.00	26.83 -0.99 0.00	29.85 -1.00 0.00	31.26 -0.85 -0.64	41.79 -0.60 -0.23	45.09 -0.51 -2.57	45.11 -0.10 -3.06	41.45 -0.36 -2.90	39.58 -0.75 -2.84	35.70 -0.89 -2.67	31.31 -0.86 -2.47	28.72 -0.89 -2.35	31.45 -0.99 -2.48	38.12 -1.28 -2.80	42.65 -1.44 -3.01	43.58 -1.45 -0.99	45.70 -1.38 0.00	46.46 -1.14 0.00	44.84 -0.94 0.00	46.03 -0.93 -0.54	47.39 -0.63 -3.20	33.65 -0.38 -0.65
NYISO_LBMP_REFERENCE 24008	32.51 0.00 0.00	29.06 0.00 0.00	27.47 0.00 0.00	27.81 0.00 0.00	30.85 0.00 0.00	31.47 0.00 0.00	42.16 0.00 0.00	43.04 0.00 0.00	42.16 0.00 0.00	38.91 0.00 0.00	37.49 0.00 0.00	33.92 0.00 0.00	29.69 0.00 0.00	27.25 0.00 0.00	29.97 0.00 0.00	36.60 0.00 0.00	41.08 0.00 0.00	44.03 0.00 0.00	47.08 0.00 0.00	47.60 0.00 0.00	45.78 0.00 0.00	46.42 0.00 0.00	44.82 0.00 0.00	33.38 0.00 0.00

NYPA_BRENTWD____GT 24164	34.98 2.73 0.26	31.19 2.13 0.00	29.45 1.98 0.00	29.83 2.02 0.00	33.02 2.24 0.06	32.95 2.35 0.88	45.25 3.40 0.31	46.32 3.63 0.36	44.77 2.75 0.14	40.36 2.51 1.06	39.13 2.50 0.86	35.13 2.60 1.40	32.52 2.28 -0.54	44.04 2.07 -14.71	30.93 2.19 1.22	39.07 2.47 0.00	44.06 2.98 0.00	47.57 3.53 0.00	51.11 4.04 0.00	51.98 4.38 0.00	49.81 4.04 0.00	50.41 4.00 0.00	48.28 3.45 0.00	35.67 2.41 0.13
NYPA_GOWANUS____GT5 24156	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NYPA_GOWANUS____GT6 24157	45.31 2.48 -10.32	31.24 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.97 2.42 -15.07	50.90 3.42 -5.32	52.79 3.64 -6.11	51.07 3.46 -5.45	69.51 2.86 -27.73	57.08 2.68 -16.91	56.65 2.52 -20.21	56.73 2.25 -24.78	72.21 2.05 -42.90	59.29 2.35 -26.99	51.60 3.15 -11.85	54.77 3.54 -10.15	50.89 3.73 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.13 -0.28	51.79 3.86 -1.51	50.95 3.77 -2.37	50.62 2.64 -14.60
NYPA_HARLEM__RVR__GT1 24160	43.00 2.24 -8.25	31.06 1.99 -0.01	29.33 1.86 -0.01	29.76 1.94 -0.01	34.01 2.23 -0.94	46.08 2.23 -12.37	51.37 3.08 -6.13	55.74 3.34 -9.36	49.02 3.11 -3.75	76.18 2.48 -34.78	62.16 2.44 -22.23	69.72 2.30 -33.50	68.35 2.05 -36.60	83.61 1.86 -54.49	51.05 2.10 -18.98	39.35 2.76 0.01	44.35 3.28 0.01	47.49 3.46 0.01	50.83 3.76 0.01	51.49 3.89 0.00	49.54 3.76 0.00	49.88 3.46 0.00	48.16 3.34 0.00	37.49 2.34 -1.76
NYPA_HARLEM__RVR__GT2 24161	43.00 2.24 -8.25	31.06 1.99 -0.01	29.33 1.86 -0.01	29.76 1.94 -0.01	34.01 2.23 -0.94	46.08 2.23 -12.37	51.37 3.08 -6.13	55.74 3.34 -9.36	49.02 3.11 -3.75	76.18 2.48 -34.78	62.16 2.44 -22.23	69.72 2.30 -33.50	68.35 2.05 -36.60	83.61 1.86 -54.49	51.05 2.10 -18.98	39.35 2.76 0.01	44.35 3.28 0.01	47.49 3.46 0.01	50.83 3.76 0.01	51.49 3.89 0.00	49.54 3.76 0.00	49.88 3.46 0.00	48.16 3.34 0.00	37.49 2.34 -1.76
NYPA_KENT____GT 24152	43.95 2.41 -9.03	31.18 2.12 -0.01	29.45 1.98 -0.01	29.86 2.05 -0.01	34.35 2.36 -1.13	48.94 2.39 -15.07	50.84 3.36 -5.32	52.71 3.55 -6.11	46.17 3.32 -0.70	69.43 2.79 -27.73	57.03 2.62 -16.91	56.59 2.46 -20.21	56.67 2.20 -24.78	72.16 2.00 -42.90	54.15 2.26 -21.92	45.23 3.02 -5.62	53.34 3.49 -8.78	50.58 3.67 -2.87	51.13 3.98 -0.07	51.70 4.10 0.00	50.06 4.02 -0.26	51.10 3.74 -0.94	49.89 3.63 -1.44	47.44 2.56 -11.49
NYPA_POUCH1____GT 24155	45.20 2.36 -10.32	31.12 2.06 -0.01	29.39 1.92 -0.01	29.81 2.00 -0.01	34.29 2.31 -1.13	48.84 2.30 -15.07	50.52 3.22 -5.14	52.47 3.46 -5.97	50.97 3.37 -5.45	66.70 2.69 -25.09	54.88 2.47 -14.92	56.17 2.34 -19.91	56.58 2.12 -24.78	72.10 1.94 -42.90	54.94 2.24 -22.74	51.50 3.05 -11.85	48.88 3.35 -4.46	49.42 3.57 -1.81	51.07 3.92 -0.08	51.63 4.03 0.00	50.06 3.99 -0.28	51.62 3.69 -1.51	50.82 3.63 -2.37	50.42 2.53 -14.50
NYPA_VERNON____GT2 24162	43.32 2.34 -8.46	31.14 2.07 -0.01	29.41 1.94 -0.01	29.82 2.01 -0.01	34.29 2.31 -1.13	48.89 2.35 -15.07	50.78 3.30 -5.32	52.63 3.47 -6.11	47.31 3.21 -1.94	69.36 2.72 -27.73	56.97 2.57 -16.91	56.53 2.40 -20.21	56.60 2.13 -24.78	72.11 1.94 -42.90	51.90 2.19 -19.75	42.41 2.90 -2.91	51.93 3.44 -7.42	50.28 3.63 -2.62	51.08 3.94 -0.07	51.67 4.07 0.00	49.98 3.96 -0.24	51.00 3.66 -0.93	48.84 3.51 -0.51	44.24 2.48 -8.38
NYPA_VERNON____GT3 24163	43.32 2.34 -8.46	31.14 2.07 -0.01	29.41 1.94 -0.01	29.82 2.01 -0.01	34.29 2.31 -1.13	48.89 2.35 -15.07	50.78 3.30 -5.32	52.63 3.47 -6.11	47.31 3.21 -1.94	69.36 2.72 -27.73	56.97 2.57 -16.91	56.53 2.40 -20.21	56.60 2.13 -24.78	72.11 1.94 -42.90	51.90 2.19 -19.75	42.41 2.90 -2.91	51.93 3.44 -7.42	50.28 3.63 -2.62	51.08 3.94 -0.07	51.67 4.07 0.00	49.98 3.96 -0.24	51.00 3.66 -0.93	48.84 3.51 -0.51	44.24 2.48 -8.38
NYPA__ASTORIA_CC1 323568	43.21 2.33 -8.37	31.12 2.06 -0.01	29.40 1.93 -0.01	29.81 2.00 -0.01	34.27 2.29 -1.13	48.87 2.33 -15.07	50.74 3.26 -5.32	52.59 3.44 -6.11	47.79 3.17 -2.46	69.30 2.66 -27.73	56.93 2.53 -16.91	56.48 2.36 -20.21	56.56 2.10 -24.78	72.07 1.91 -42.90	51.43 2.15 -19.32	41.97 2.87 -2.50	51.59 3.40 -7.11	50.75 3.59 -3.12	51.05 3.90 -0.08	51.63 4.04 0.00	49.99 3.93 -0.28	51.19 3.63 -1.14	48.45 3.48 -0.15	43.40 2.45 -7.56
NYPA__ASTORIA_CC2 323569	43.21 2.33 -8.37	31.12 2.06 -0.01	29.40 1.93 -0.01	29.81 2.00 -0.01	34.27 2.29 -1.13	48.87 2.33 -15.07	50.74 3.26 -5.32	52.59 3.44 -6.11	47.79 3.17 -2.46	69.30 2.66 -27.73	56.93 2.53 -16.91	56.48 2.36 -20.21	56.56 2.10 -24.78	72.07 1.91 -42.90	51.43 2.15 -19.32	41.97 2.87 -2.50	51.59 3.40 -7.11	50.75 3.59 -3.12	51.05 3.90 -0.08	51.63 4.04 0.00	49.99 3.93 -0.28	51.19 3.63 -1.14	48.45 3.48 -0.15	43.40 2.45 -7.56
NYPA__HOLTSVILL 23794	34.72 2.47 0.26	30.97 1.91 0.00	29.24 1.77 0.00	29.62 1.81 0.00	32.79 2.01 0.06	32.72 2.12 0.88	44.92 3.07 0.31	45.97 3.29 0.36	44.37 2.35 0.14	39.99 2.14 1.06	38.70 2.12 0.91	34.68 2.30 1.54	32.16 2.00 -0.47	43.38 1.80 -14.33	30.54 1.90 1.33	38.71 2.11 0.00	43.58 2.50 0.00	47.14 3.11 0.00	50.68 3.60 0.00	51.51 3.91 0.00	49.33 3.55 0.00	50.01 3.60 0.00	47.88 3.06 0.00	35.31 2.09 0.15
NYPA__HELLGATE_GT1 24158	41.25 2.24 -6.50	31.06 1.99 -0.01	29.33 1.86 -0.01	29.76 1.94 -0.01	34.01 2.23 -0.94	46.08 2.23 -12.37	47.85 3.08 -2.61	47.07 3.34 -0.69	45.55 3.11 -0.28	55.51 2.48 -14.11	47.54 2.44 -7.61	38.35 2.30 -2.14	39.26 2.05 -7.51	54.44 1.86 -25.33	47.16 2.10 -15.09	39.35 2.76 0.01	44.35 3.28 0.01	47.49 3.46 0.01	50.83 3.76 0.01	51.49 3.89 0.00	49.54 3.76 0.00	49.88 3.46 0.00	48.16 3.34 0.00	37.49 2.34 -1.76
NYPA__HELLGATE_GT2 24159	41.25 2.24 -6.50	31.06 1.99 -0.01	29.33 1.86 -0.01	29.76 1.94 -0.01	34.01 2.23 -0.94	46.08 2.23 -12.37	47.85 3.08 -2.61	47.07 3.34 -0.69	45.55 3.11 -0.28	55.51 2.48 -14.11	47.54 2.44 -7.61	38.35 2.30 -2.14	39.26 2.05 -7.51	54.44 1.86 -25.33	47.16 2.10 -15.09	39.35 2.76 0.01	44.35 3.28 0.01	47.49 3.46 0.01	50.83 3.76 0.01	51.49 3.89 0.00	49.54 3.76 0.00	49.88 3.46 0.00	48.16 3.34 0.00	37.49 2.34 -1.76
NYS_BARGE__HYD 23848	30.21 -2.30 0.00	26.99 -2.07 0.00	25.60 -1.87 0.00	25.68 -2.07 0.06	28.93 -1.92 0.00	29.73 -1.74 0.00	39.49 -2.67 0.00	39.35 -2.39 1.30	39.07 -2.27 0.82	37.11 -1.81 0.00	36.51 -0.98 0.00	32.76 -1.16 0.00	28.46 -1.23 0.00	26.10 -1.16 0.00	28.72 -1.24 0.00	35.10 -1.50 0.00	38.81 -2.26 0.00	41.21 -2.83 0.00	43.23 -3.39 0.45	44.05 -3.55 0.00	42.59 -3.20 0.00	43.54 -2.87 0.00	42.60 -2.22 0.00	32.03 -1.35 0.00

OAK ORCHARD___HYD 24046	31.55 -0.96 0.00	28.18 -0.87 0.00	26.66 -0.80 0.00	26.91 -0.90 0.00	30.00 -0.84 0.00	30.75 -0.72 0.00	41.11 -1.05 0.00	42.27 -0.77 0.00	41.50 -0.66 0.00	38.47 -0.44 0.00	37.46 -0.03 0.00	33.74 -0.18 0.00	29.43 -0.26 0.00	26.97 -0.28 0.00	29.67 -0.30 0.00	36.25 -0.35 0.00	40.48 -0.60 0.00	43.17 -0.86 0.00	45.85 -1.23 0.00	46.10 -1.50 0.00	44.47 -1.31 0.00	45.22 -1.20 0.00	43.82 -1.00 0.00	32.76 -0.63 0.00
OAKDALE___35_KV_LOAD 356122	32.65 0.14 0.00	29.15 0.10 0.00	27.59 0.13 0.00	27.96 0.15 0.00	31.10 0.25 0.00	31.74 0.27 0.00	42.53 0.38 0.00	43.69 0.65 0.00	42.71 0.55 0.00	39.31 0.40 0.00	37.90 0.41 0.00	34.24 0.32 0.00	29.99 0.29 0.00	27.46 0.21 0.00	30.18 0.21 0.00	36.90 0.30 0.00	41.49 0.41 0.00	44.34 0.30 0.00	47.46 0.38 0.00	47.96 0.36 0.00	46.22 0.44 0.00	46.80 0.38 0.00	45.23 0.41 0.00	33.66 0.28 0.00
OCC_CHEM___DRP 24175	29.72 -2.79 0.00	26.57 -2.49 0.00	25.15 -2.31 0.00	25.21 -2.54 0.06	28.32 -2.52 0.00	29.11 -2.37 0.00	38.67 -3.49 0.00	38.38 -3.21 1.45	38.28 -2.97 0.91	36.47 -2.44 0.00	35.94 -1.55 0.00	32.21 -1.71 0.00	27.99 -1.70 0.00	25.65 -1.61 0.00	28.26 -1.70 0.00	34.56 -2.04 0.00	38.21 -2.86 0.00	40.53 -3.51 0.00	42.47 -4.11 0.50	43.32 -4.28 0.00	41.86 -3.93 0.00	42.81 -3.61 0.00	41.90 -2.92 0.00	31.56 -1.82 0.00
OH_GEN_PROXY 24063	30.08 -2.43 0.00	26.88 -2.18 0.00	25.47 -2.00 0.00	25.55 -2.20 0.06	28.69 -2.16 0.00	29.45 -2.03 0.00	39.14 -3.02 0.00	39.07 -2.69 1.28	38.83 -2.54 0.79	36.82 -2.10 0.00	36.22 -1.27 0.00	32.49 -1.43 0.00	28.26 -1.43 0.00	25.89 -1.36 0.00	28.52 -1.44 0.00	34.88 -1.72 0.00	38.64 -2.44 0.00	41.01 -3.03 0.00	43.07 -3.57 0.44	43.90 -3.70 0.00	42.40 -3.38 0.00	43.35 -3.06 0.00	42.33 -2.50 0.00	31.84 -1.55 0.00
OLIN_CORP_DRP 24177	29.77 -2.74 0.00	26.63 -2.43 0.00	25.26 -2.20 0.00	25.32 -2.42 0.06	28.57 -2.28 0.00	29.34 -2.13 0.00	38.94 -3.22 0.00	38.50 -3.11 1.43	38.29 -2.95 0.91	36.50 -2.41 0.00	35.93 -1.55 0.00	32.22 -1.70 0.00	28.00 -1.70 0.00	25.68 -1.58 0.00	28.27 -1.70 0.00	34.55 -2.05 0.00	38.20 -2.88 0.00	40.52 -3.52 0.00	42.43 -4.15 0.50	43.27 -4.32 0.00	41.83 -3.95 0.00	42.81 -3.61 0.00	41.93 -2.90 0.00	31.56 -1.83 0.00
OLIN_CORP_DSASP 323712	29.72 -2.80 0.00	26.55 -2.51 0.00	25.15 -2.31 0.00	25.21 -2.53 0.06	28.32 -2.52 0.00	29.10 -2.37 0.00	38.64 -3.51 0.00	38.40 -3.19 1.45	38.30 -2.95 0.91	36.47 -2.45 0.00	35.95 -1.54 0.00	32.23 -1.68 0.00	28.01 -1.68 0.00	25.68 -1.58 0.00	28.28 -1.68 0.00	34.58 -2.02 0.00	38.21 -2.87 0.00	40.53 -3.51 0.00	42.47 -4.11 0.50	43.32 -4.28 0.00	41.86 -3.92 0.00	42.81 -3.61 0.00	41.91 -2.91 0.00	31.56 -1.82 0.00
ONEIDA_HERK_LFGE 323681	32.51 0.00 0.00	29.04 -0.02 0.00	27.43 -0.03 0.00	27.80 -0.01 0.00	30.90 0.05 0.00	31.94 0.16 -0.30	42.81 0.54 -0.11	44.88 0.62 -1.22	44.38 0.78 -1.45	40.85 0.56 -1.37	39.18 0.36 -1.34	35.40 0.22 -1.26	31.02 0.16 -1.17	28.49 0.12 -1.11	31.28 0.14 -1.17	38.08 0.15 -1.32	42.75 0.25 -1.42	44.81 0.30 -0.47	47.49 0.41 0.00	48.12 0.52 0.00	46.34 0.56 0.00	47.19 0.52 -0.26	46.88 0.55 -1.51	34.07 0.38 -0.31
ONEIDA___115KV_TB4 55905	33.06 0.55 0.00	29.55 0.48 0.00	27.91 0.45 0.00	28.25 0.44 0.00	31.38 0.54 0.00	32.10 0.63 0.00	43.22 1.06 0.00	44.25 1.21 0.00	43.38 1.22 0.00	39.91 1.00 0.00	38.38 0.90 0.00	34.68 0.76 0.00	30.35 0.65 0.00	27.85 0.60 0.00	30.67 0.70 0.00	37.49 0.89 0.00	42.20 1.12 0.00	45.26 1.23 0.00	48.39 1.31 0.00	48.93 1.33 0.00	47.10 1.32 0.00	47.64 1.23 0.00	45.93 1.11 0.00	34.12 0.73 0.00
ONONDAGA_REF_OCCRA 23987	32.35 -0.16 0.00	28.91 -0.15 0.00	27.34 -0.13 0.00	27.69 -0.13 0.00	30.74 -0.11 0.00	31.36 -0.12 0.00	42.01 -0.14 0.00	43.03 -0.01 0.00	42.16 0.00 0.00	38.90 -0.01 0.00	37.54 0.05 0.00	33.96 0.04 0.00	29.76 0.06 0.00	27.29 0.03 0.00	29.99 0.03 0.00	36.62 0.02 0.00	41.11 0.03 0.00	44.01 -0.03 0.00	47.03 -0.05 0.00	47.51 -0.09 0.00	45.74 -0.05 0.00	46.30 -0.11 0.00	44.66 -0.16 0.00	33.23 -0.15 0.00
ONONDAGA___COGEN 23986	32.31 -0.20 0.00	28.88 -0.18 0.00	27.32 -0.15 0.00	27.66 -0.15 0.00	30.70 -0.15 0.00	31.33 -0.15 0.00	41.94 -0.21 0.00	42.95 -0.09 0.00	42.07 -0.09 0.00	38.84 -0.07 0.00	37.50 0.01 0.00	33.91 -0.01 0.00	29.71 0.02 0.00	27.24 -0.01 0.00	29.95 -0.01 0.00	36.56 -0.05 0.00	41.04 -0.03 0.00	43.93 -0.10 0.00	46.92 -0.15 0.00	47.43 -0.17 0.00	45.65 -0.13 0.00	46.21 -0.21 0.00	44.58 -0.24 0.00	33.17 -0.21 0.00
ONTARIO___LFGE 23819	32.28 -0.23 0.00	28.82 -0.24 0.00	27.29 -0.18 0.00	27.65 -0.20 -0.04	30.77 -0.08 0.00	31.50 0.02 0.00	42.26 0.10 0.00	44.31 0.46 -0.82	43.06 0.39 -0.51	39.24 0.33 0.00	38.04 0.55 0.00	34.29 0.37 0.00	29.96 0.26 0.00	27.39 0.13 0.00	30.12 0.16 0.00	36.84 0.24 0.00	41.33 0.25 0.00	44.16 0.12 0.00	47.46 0.10 -0.28	47.55 -0.05 0.00	45.94 0.16 0.00	46.50 0.09 0.00	44.98 0.16 0.00	33.52 0.14 0.00
ORANGEVILLE_WT_PWR 323706	30.15 -2.36 0.00	26.90 -2.16 0.00	25.45 -2.00 0.01	25.43 -2.14 0.24	28.80 -2.04 0.00	29.53 -1.95 0.00	39.35 -2.80 0.00	35.15 -2.41 5.49	36.36 -2.38 3.43	36.85 -2.06 0.00	36.03 -1.46 0.00	32.36 -1.56 0.00	28.23 -1.46 0.00	25.82 -1.44 0.00	28.37 -1.60 0.00	34.67 -1.93 0.00	38.60 -2.48 0.00	41.11 -2.92 0.00	42.07 -3.11 1.90	44.47 -3.13 0.00	43.17 -2.62 0.00	44.15 -2.26 0.00	43.07 -1.75 0.00	32.36 -1.03 0.00
ORANGEVILLE___ESR 323794	30.15 -2.36 0.00	26.90 -2.16 0.00	25.45 -2.00 0.01	25.43 -2.14 0.24	28.80 -2.04 0.00	29.53 -1.95 0.00	39.35 -2.80 0.00	35.15 -2.41 5.49	36.36 -2.38 3.43	36.85 -2.06 0.00	36.03 -1.46 0.00	32.36 -1.56 0.00	28.23 -1.46 0.00	25.82 -1.44 0.00	28.37 -1.60 0.00	34.67 -1.93 0.00	38.60 -2.48 0.00	41.11 -2.92 0.00	42.07 -3.11 1.90	44.47 -3.13 0.00	43.17 -2.62 0.00	44.15 -2.26 0.00	43.07 -1.75 0.00	32.36 -1.03 0.00
OSWEGATCHIE___HYD 24044	31.40 -1.11 0.00	28.04 -1.02 0.00	26.47 -1.00 0.00	26.79 -1.02 0.00	29.76 -1.09 0.00	31.96 -0.97 -1.47	41.77 -0.92 -0.54	48.02 -0.89 -5.87	48.49 -0.65 -6.99	44.84 -0.71 -6.63	43.09 -0.88 -6.48	39.09 -0.94 -6.10	34.42 -0.91 -5.64	31.75 -0.87 -5.36	34.68 -0.96 -5.67	41.68 -1.32 -6.40	46.38 -1.58 -6.88	44.80 -1.49 -2.26	45.47 -1.61 0.00	46.07 -1.54 0.00	44.36 -1.42 0.00	46.32 -1.34 -1.24	51.22 -0.91 -7.31	34.27 -0.60 -1.49
OSWEGO___5 23606	31.76 -0.75 0.00	28.38 -0.68 0.00	26.85 -0.62 0.00	27.18 -0.63 0.00	30.16 -0.69 0.00	30.74 -0.73 0.00	41.12 -1.04 0.00	42.06 -0.98 0.00	41.20 -0.96 0.00	38.04 -0.88 0.00	36.70 -0.79 0.00	33.20 -0.72 0.00	29.09 -0.60 0.00	26.69 -0.57 0.00	29.34 -0.63 0.00	35.79 -0.81 0.00	40.15 -0.93 0.00	43.00 -1.04 0.00	45.93 -1.15 0.00	46.41 -1.19 0.00	44.67 -1.12 0.00	45.27 -1.15 0.00	43.70 -1.13 0.00	32.56 -0.83 0.00

OSWEGO___6 23613	31.76 -0.75 0.00	28.38 -0.68 0.00	26.85 -0.62 0.00	27.18 -0.63 0.00	30.16 -0.69 0.00	30.74 -0.73 0.00	41.12 -1.04 0.00	42.06 -0.98 0.00	41.20 -0.96 0.00	38.04 -0.88 0.00	36.70 -0.79 0.00	33.20 -0.72 0.00	29.09 -0.60 0.00	26.69 -0.57 0.00	29.34 -0.63 0.00	35.79 -0.81 0.00	40.15 -0.93 0.00	43.00 -1.04 0.00	45.93 -1.15 0.00	46.41 -1.19 0.00	44.67 -1.12 0.00	45.27 -1.15 0.00	43.70 -1.13 0.00	32.56 -0.83 0.00
OUTOKUMPU-AB___DRP 24206	30.43 -2.08 0.00	27.19 -1.87 0.00	25.74 -1.72 0.00	25.80 -1.94 0.07	29.04 -1.81 0.00	29.83 -1.64 0.00	39.67 -2.49 0.00	39.36 -2.16 1.52	39.26 -1.94 0.95	37.40 -1.52 0.00	36.79 -0.70 0.00	32.99 -0.93 0.00	28.67 -1.03 0.00	26.27 -0.99 0.00	28.94 -1.03 0.00	35.38 -1.22 0.00	39.16 -1.92 0.00	41.56 -2.48 0.00	43.59 -2.96 0.53	44.48 -3.12 0.00	43.00 -2.79 0.00	43.97 -2.44 0.00	42.99 -1.83 0.00	32.32 -1.07 0.00
OXBOW___BTM 323836	30.04 -2.47 0.00	26.82 -2.24 0.00	25.41 -2.05 0.00	25.48 -2.27 0.07	28.65 -2.20 0.00	29.42 -2.05 0.00	39.11 -3.05 0.00	38.86 -2.70 1.48	38.75 -2.48 0.93	36.90 -2.02 0.00	36.35 -1.13 0.00	32.60 -1.32 0.00	28.34 -1.36 0.00	25.97 -1.29 0.00	28.60 -1.36 0.00	34.96 -1.63 0.00	38.66 -2.42 0.00	41.02 -3.02 0.00	43.00 -3.57 0.51	43.87 -3.73 0.00	42.40 -3.39 0.00	43.36 -3.05 0.00	42.42 -2.40 0.00	31.90 -1.48 0.00
OXBOW____ 24026	30.04 -2.47 0.00	26.84 -2.21 0.00	25.42 -2.05 0.00	25.47 -2.27 0.07	28.65 -2.20 0.00	29.43 -2.04 0.00	39.13 -3.03 0.00	38.82 -2.74 1.48	38.74 -2.48 0.93	36.91 -2.00 0.00	36.33 -1.16 0.00	32.58 -1.34 0.00	28.32 -1.38 0.00	25.95 -1.31 0.00	28.59 -1.38 0.00	34.95 -1.65 0.00	38.66 -2.42 0.00	41.02 -3.01 0.00	43.00 -3.57 0.51	43.86 -3.73 0.00	42.39 -3.40 0.00	43.36 -3.06 0.00	42.42 -2.41 0.00	31.90 -1.48 0.00
OXY_CHEM_DSASP 323612	29.72 -2.79 0.00	26.57 -2.49 0.00	25.15 -2.31 0.00	25.21 -2.54 0.06	28.32 -2.52 0.00	29.11 -2.37 0.00	38.67 -3.49 0.00	38.38 -3.21 1.45	38.28 -2.97 0.91	36.47 -2.44 0.00	35.94 -1.55 0.00	32.21 -1.71 0.00	27.99 -1.70 0.00	25.65 -1.61 0.00	28.26 -1.70 0.00	34.56 -2.04 0.00	38.21 -2.86 0.00	40.53 -3.51 0.00	42.47 -4.11 0.50	43.32 -4.28 0.00	41.86 -3.93 0.00	42.81 -3.61 0.00	41.90 -2.92 0.00	31.56 -1.82 0.00
OZONE_PARK_ESR 323760	42.34 2.45 -7.38	31.21 2.15 0.00	29.52 2.05 0.00	29.93 2.12 0.00	34.20 2.42 -0.93	46.35 2.51 -12.37	50.10 3.57 -4.37	51.82 3.76 -5.02	47.60 3.42 -2.01	66.38 3.01 -24.45	55.26 2.86 -14.92	54.38 2.64 -17.82	54.08 2.32 -22.06	69.33 2.13 -39.94	49.36 2.36 -17.03	39.67 3.08 0.00	44.73 3.66 0.00	47.93 3.89 0.00	51.29 4.22 0.00	51.99 4.39 0.00	50.05 4.27 0.00	50.41 3.99 0.00	48.59 3.77 0.00	36.03 2.65 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	29.72 -2.79 0.00	26.57 -2.49 0.00	25.15 -2.31 0.00	25.21 -2.54 0.06	28.32 -2.52 0.00	29.11 -2.37 0.00	38.67 -3.49 0.00	38.38 -3.21 1.45	38.28 -2.97 0.91	36.47 -2.44 0.00	35.94 -1.55 0.00	32.21 -1.71 0.00	27.99 -1.70 0.00	25.65 -1.61 0.00	28.26 -1.70 0.00	34.56 -2.04 0.00	38.21 -2.86 0.00	40.53 -3.51 0.00	42.47 -4.11 0.50	43.32 -4.28 0.00	41.86 -3.93 0.00	42.81 -3.61 0.00	41.90 -2.92 0.00	31.56 -1.82 0.00
PACKARD___115KV_DUPONT_184 80571	29.72 -2.79 0.00	26.57 -2.49 0.00	25.15 -2.31 0.00	25.21 -2.54 0.06	28.32 -2.52 0.00	29.11 -2.37 0.00	38.67 -3.49 0.00	38.38 -3.21 1.45	38.28 -2.97 0.91	36.47 -2.44 0.00	35.94 -1.55 0.00	32.21 -1.71 0.00	27.99 -1.70 0.00	25.65 -1.61 0.00	28.26 -1.70 0.00	34.56 -2.04 0.00	38.21 -2.86 0.00	40.53 -3.51 0.00	42.47 -4.11 0.50	43.32 -4.28 0.00	41.86 -3.93 0.00	42.81 -3.61 0.00	41.90 -2.92 0.00	31.56 -1.82 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	41.05 2.13 -6.41	30.97 1.90 -0.01	29.26 1.79 -0.01	29.68 1.86 -0.01	33.92 2.13 -0.94	45.98 2.13 -12.37	47.63 3.04 -2.43	46.45 3.18 -0.24	45.20 2.94 -0.10	54.42 2.47 -13.04	43.39 2.31 -3.59	36.58 2.15 -0.51	33.97 1.91 -2.36	47.19 1.75 -18.19	37.90 2.01 -5.93	39.25 2.65 0.00	44.22 3.15 0.01	47.35 3.32 0.01	50.69 3.61 0.00	51.35 3.75 0.00	49.44 3.66 0.00	49.78 3.36 0.00	48.03 3.21 0.00	37.42 2.27 -1.76
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	41.52 2.59 -6.41	31.42 2.36 -0.01	29.69 2.22 -0.01	30.13 2.32 -0.01	34.44 2.65 -0.94	46.55 2.70 -12.37	48.38 3.79 -2.43	47.31 4.03 -0.24	46.01 3.75 -0.10	55.11 3.16 -13.04	44.07 2.99 -3.59	37.15 2.73 -0.51	34.46 2.40 -2.36	47.65 2.21 -18.19	38.39 2.50 -5.93	39.80 3.20 0.00	44.89 3.82 0.01	48.05 4.03 0.01	51.43 4.36 0.00	52.12 4.52 0.00	50.18 4.40 0.00	50.50 4.08 0.00	48.75 3.93 0.00	37.95 2.81 -1.76
PATROON___115KV_TB1 80586	33.34 0.82 0.00	29.85 0.79 0.00	28.21 0.75 0.00	28.59 0.79 0.00	31.67 0.82 0.00	32.31 0.84 0.00	43.20 1.05 0.00	43.72 0.68 0.00	42.89 0.74 0.00	39.65 0.74 0.00	37.97 0.48 0.00	34.42 0.50 0.00	30.23 0.54 0.00	27.81 0.55 0.00	30.40 0.44 0.00	37.34 0.74 0.00	42.02 0.94 0.00	45.10 1.06 0.00	48.28 1.20 0.00	48.90 1.30 0.00	47.03 1.25 0.00	47.55 1.13 0.00	45.75 0.92 0.00	34.06 0.68 0.00
PATTRSNVILLE___SOLAR 323815	33.98 1.48 0.00	30.36 1.30 0.00	28.68 1.22 0.00	29.07 1.26 0.00	32.28 1.43 0.00	33.04 1.57 0.00	44.40 2.24 0.00	45.05 2.01 0.00	43.51 1.35 0.00	40.05 1.14 0.00	38.39 0.90 0.00	34.59 0.67 0.00	30.07 0.38 0.00	27.79 0.53 0.00	31.15 1.19 0.00	38.07 1.47 0.00	43.00 1.92 0.00	46.47 2.44 0.00	49.78 2.70 0.00	50.34 2.74 0.00	48.48 2.70 0.00	49.12 2.70 0.00	47.28 2.46 0.00	35.11 1.72 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	31.13 -1.38 0.00	27.79 -1.27 0.00	26.32 -1.15 0.00	26.45 -1.29 0.07	29.72 -1.13 0.00	30.47 -1.00 0.00	40.63 -1.52 0.00	40.43 -1.05 1.56	40.17 -1.01 0.98	38.14 -0.77 0.00	37.34 -0.15 0.00	33.50 -0.42 0.00	29.21 -0.48 0.00	26.74 -0.52 0.00	29.41 -0.55 0.00	35.99 -0.61 0.00	40.03 -1.05 0.00	42.49 -1.54 0.00	44.65 -1.89 0.54	45.54 -2.06 0.00	44.04 -1.75 0.00	44.96 -1.46 0.00	43.81 -1.01 0.00	32.90 -0.48 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	34.50 1.99 0.00	30.82 1.77 0.00	29.13 1.66 0.00	29.53 1.72 0.00	32.81 1.96 0.00	33.50 2.03 0.00	45.08 2.92 0.00	46.13 3.09 0.00	45.01 2.85 0.00	41.45 2.53 0.00	39.87 2.38 0.00	36.13 2.21 0.00	32.29 1.96 -0.63	35.20 1.79 -6.15	31.94 1.98 0.00	39.15 2.55 0.00	44.09 3.01 0.00	47.28 3.25 0.00	50.70 3.62 0.00	51.41 3.81 0.00	49.44 3.65 0.00	49.83 3.41 0.00	47.89 3.07 0.00	35.52 2.13 0.00
PEEKSKILL____ 23653	34.32 1.80 0.00	30.66 1.60 0.00	28.97 1.50 0.00	29.37 1.56 0.00	32.67 1.79 -0.03	33.69 1.84 -0.38	44.92 2.63 -0.13	45.97 2.78 -0.15	44.71 2.49 -0.06	41.11 2.19 0.00	39.53 2.04 0.00	35.83 1.91 0.00	33.48 1.69 -2.09	49.35 1.55 -20.54	31.69 1.72 0.00	38.86 2.26 0.00	43.76 2.69 0.00	46.93 2.89 0.00	50.28 3.21 0.00	50.96 3.36 0.00	49.01 3.23 0.00	49.40 2.98 0.00	47.53 2.71 0.00	35.28 1.89 0.00

PGE MADISON___WINDPWR 24146	32.82 0.31 0.00	29.42 0.36 0.00	28.08 0.62 0.00	28.47 0.64 -0.01	31.51 0.66 0.00	32.25 0.77 0.00	44.04 1.88 0.00	46.33 3.12 -0.17	44.06 1.72 -0.18	40.61 1.69 0.00	38.97 1.48 0.00	34.95 1.03 0.00	30.41 0.72 0.00	27.71 0.45 0.00	30.63 0.66 0.00	37.87 1.27 0.00	42.82 1.75 0.00	46.17 2.14 0.00	49.52 2.35 -0.09	49.62 2.02 0.00	47.85 2.06 0.00	48.36 1.95 0.00	46.73 1.91 0.00	34.55 1.16 0.00
PIERCEFIELD___HYD 23852	31.65 -0.86 0.00	28.26 -0.80 0.00	26.66 -0.81 0.00	26.94 -0.87 0.00	29.88 -0.97 0.00	32.74 -0.89 -2.16	41.93 -1.02 -0.79	50.64 -1.05 -8.65	51.55 -0.90 -10.29	47.86 -0.82 -9.76	46.27 -0.77 -9.55	42.14 -0.77 -8.99	37.19 -0.81 -8.30	34.48 -0.68 -7.90	37.58 -0.74 -8.35	44.91 -1.11 -9.43	49.82 -1.39 -10.13	46.07 -1.30 -3.33	45.53 -1.55 0.00	45.93 -1.68 0.00	44.12 -1.66 0.00	46.81 -1.44 -1.83	54.74 -0.84 -10.76	35.01 -0.57 -2.19
PINELAWN_CC_1 323563	34.73 2.48 0.25	31.00 1.94 0.00	29.25 1.78 0.00	29.63 1.82 0.00	32.81 2.03 0.06	32.72 2.13 0.88	45.01 3.16 0.31	46.09 3.40 0.36	44.58 2.56 0.14	40.22 2.37 1.06	39.24 2.40 0.65	35.62 2.47 0.77	32.72 2.14 -0.89	45.63 1.94 -16.43	31.32 2.10 0.74	38.91 2.32 0.00	43.96 2.88 0.00	47.38 3.34 0.00	50.86 3.78 0.00	51.73 4.13 0.00	49.61 3.83 0.00	50.16 3.74 0.00	48.03 3.21 0.00	35.66 2.27 0.00
PJM_GEN_HTP_PROXY 323702	36.40 2.16 -1.74	30.97 1.91 0.00	29.26 1.80 0.00	29.68 1.87 0.00	33.70 2.14 -0.71	43.05 2.21 -9.37	48.59 3.13 -3.31	50.22 3.29 -3.89	44.02 2.95 1.09	47.22 2.58 -5.73	43.41 2.42 -3.50	40.35 2.25 -4.18	38.23 1.99 -6.55	51.93 1.81 -22.86	35.98 2.02 -4.00	39.26 2.66 0.00	44.23 3.16 0.00	47.40 3.36 0.00	50.73 3.65 0.00	51.42 3.82 0.00	49.55 3.70 -0.07	49.84 3.42 0.00	48.03 3.21 0.00	35.64 2.26 0.00
PJM_GEN_KEystone 24065	33.29 0.26 -0.52	29.27 0.21 0.00	27.71 0.24 0.00	28.05 0.25 0.02	31.36 0.45 -0.06	32.83 0.48 -0.87	43.09 0.63 -0.31	58.68 0.99 -14.66	40.19 0.71 2.69	41.20 0.57 -1.72	39.20 0.66 -1.05	35.68 0.51 -1.25	27.64 0.42 2.47	-9.79 0.32 37.36	31.51 0.35 -1.20	37.21 0.61 0.00	41.83 0.76 0.00	44.66 0.62 0.00	47.70 0.74 0.12	48.33 0.73 0.00	46.66 0.81 -0.07	47.12 0.70 0.00	45.41 0.59 0.00	33.96 0.57 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.40 2.15 0.26	30.72 1.66 0.00	29.01 1.54 0.00	29.40 1.59 0.00	32.54 1.76 0.06	32.46 1.86 0.88	44.67 2.82 0.31	45.84 3.06 0.26	41.68 2.27 2.75	40.04 2.19 1.06	38.69 2.28 1.08	34.17 2.31 2.06	31.88 2.01 -0.17	41.97 1.82 -12.89	30.21 1.98 1.73	38.81 2.21 0.00	43.71 2.63 0.00	47.03 3.00 0.00	50.45 3.37 0.00	51.26 3.67 0.01	49.27 3.42 -0.06	49.72 3.31 0.01	47.60 2.78 0.00	35.13 2.00 0.26
PJM_GEN_VFT_PROXY 323633	41.97 2.08 -7.38	30.90 1.84 0.00	29.19 1.72 0.00	29.60 1.79 0.00	33.85 2.07 -0.93	45.98 2.14 -12.37	49.54 3.01 -4.37	51.26 3.11 -5.11	44.31 2.75 0.60	65.78 2.42 -24.45	54.65 2.24 -14.92	53.83 2.09 -17.82	53.59 1.83 -22.06	60.52 1.66 -31.61	48.86 1.86 -17.03	39.12 2.52 0.00	44.13 3.05 0.00	47.27 3.23 0.00	50.59 3.51 0.00	51.24 3.64 0.00	49.36 3.52 -0.07	49.64 3.22 0.00	47.96 3.14 0.00	35.64 2.25 0.00
PLATSBURG_115KV_PMLD1 355749	32.06 -0.45 0.00	28.54 -0.51 0.00	26.84 -0.63 0.00	27.16 -0.65 0.00	30.08 -0.77 0.00	17.53 -0.88 13.06	36.31 -1.09 4.76	-10.49 -1.21 52.32	-21.21 -1.07 62.30	-21.18 -1.02 59.08	-21.20 -0.90 57.79	-21.25 -0.78 54.39	-21.19 -0.78 50.11	-21.16 -0.71 47.71	-21.18 -0.70 50.43	-21.16 -0.88 56.88	-21.08 -1.02 61.13	23.01 -0.93 20.09	46.16 -0.92 0.00	46.56 -1.04 0.00	44.61 -1.18 0.00	34.20 -1.18 11.03	-21.14 -1.03 64.94	19.43 -0.72 13.23
PLEASANTVLY___LBMP 24000	34.08 1.57 0.00	30.45 1.40 0.00	28.79 1.32 0.00	29.20 1.39 0.00	32.40 1.55 0.00	33.06 1.59 0.00	44.41 2.25 0.00	45.40 2.36 0.00	44.29 2.13 0.00	40.79 1.88 0.00	39.23 1.74 0.00	35.55 1.63 0.00	31.93 1.46 -0.78	36.22 1.35 -7.61	31.45 1.49 0.00	38.50 1.90 0.00	43.32 2.25 0.00	46.45 2.42 0.00	49.78 2.70 0.00	50.45 2.85 0.00	48.54 2.76 0.00	48.97 2.55 0.00	47.10 2.27 0.00	34.97 1.59 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.17 1.88 0.22	30.72 1.66 0.00	29.03 1.57 0.00	29.43 1.63 0.00	32.65 1.85 0.05	32.76 1.90 0.61	44.65 2.71 0.22	45.65 2.86 0.25	44.66 2.60 0.10	40.45 2.28 0.74	39.17 2.13 0.45	35.37 2.00 0.54	32.22 1.77 -0.75	41.63 1.63 -12.75	31.25 1.81 0.52	38.93 2.33 0.00	43.86 2.79 0.00	47.02 2.98 0.00	50.36 3.28 0.00	51.06 3.46 0.00	49.12 3.34 0.00	49.49 3.08 0.00	47.64 2.82 0.00	35.36 1.98 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.17 1.88 0.22	30.72 1.66 0.00	29.03 1.57 0.00	29.43 1.63 0.00	32.65 1.85 0.05	32.76 1.90 0.61	44.65 2.71 0.22	45.65 2.86 0.25	44.66 2.60 0.10	40.45 2.28 0.74	39.17 2.13 0.45	35.37 2.00 0.54	32.22 1.77 -0.75	41.63 1.63 -12.75	31.25 1.81 0.52	38.93 2.33 0.00	43.86 2.79 0.00	47.02 2.98 0.00	50.36 3.28 0.00	51.06 3.46 0.00	49.12 3.34 0.00	49.49 3.08 0.00	47.64 2.82 0.00	35.36 1.98 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.29 1.78 0.00	30.62 1.57 0.00	28.96 1.49 0.00	29.36 1.55 0.00	32.60 1.75 0.00	33.27 1.80 0.00	44.74 2.58 0.00	45.76 2.72 0.00	44.67 2.52 0.00	41.16 2.25 0.00	39.62 2.12 0.00	35.90 1.98 0.00	31.42 1.72 0.00	28.82 1.56 0.00	31.68 1.71 0.00	38.78 2.18 0.00	43.63 2.56 0.00	46.83 2.79 0.00	50.25 3.17 0.00	50.99 3.39 0.00	49.04 3.26 0.00	49.45 3.04 0.00	47.52 2.70 0.00	35.27 1.88 0.00
POLETTI___ 23519	42.11 2.22 -7.38	31.02 1.96 0.00	29.31 1.84 0.00	29.72 1.91 0.00	33.98 2.20 -0.93	46.10 2.26 -12.36	49.73 3.21 -4.37	51.43 3.37 -5.02	47.21 3.04 -2.01	66.02 2.66 -24.45	54.91 2.50 -14.91	54.06 2.32 -17.82	53.81 2.05 -22.06	69.07 1.88 -39.94	49.08 2.08 -17.03	39.34 2.74 0.00	44.33 3.26 0.00	47.49 3.45 0.00	50.84 3.76 0.00	51.51 3.91 0.00	49.57 3.79 0.00	49.93 3.52 0.00	48.16 3.34 0.00	35.72 2.34 0.00
POMONA___ESR 323819	34.18 1.67 0.00	30.55 1.49 0.00	28.86 1.39 0.00	29.26 1.45 0.00	32.56 1.71 0.00	33.22 1.74 0.00	44.62 2.46 0.00	45.68 2.64 0.00	44.52 2.36 0.00	41.03 2.11 0.00	39.43 1.95 0.00	35.74 1.82 0.00	31.96 1.59 -0.67	35.32 1.43 -6.63	31.57 1.60 0.00	38.75 2.14 0.00	43.65 2.57 0.00	46.81 2.77 0.00	50.15 3.07 0.00	50.80 3.20 0.00	48.83 3.05 0.00	49.22 2.81 0.00	47.32 2.50 0.00	35.13 1.74 0.00
PORT_JEFF_3 23555	34.81 2.56 0.26	31.05 1.99 0.00	29.31 1.85 0.00	29.70 1.89 0.00	32.87 2.09 0.06	32.80 2.21 0.88	45.05 3.20 0.31	46.10 3.42 0.36	44.51 2.49 0.14	40.09 2.24 1.06	38.78 2.19 0.90	34.79 2.39 1.52	32.24 2.07 -0.47	43.48 1.85 -14.36	30.61 1.96 1.32	38.81 2.21 0.00	43.69 2.62 0.00	47.28 3.24 0.00	50.84 3.76 0.00	51.70 4.10 0.00	49.51 3.74 0.00	50.19 3.77 0.00	48.03 3.21 0.00	35.43 2.20 0.15

PORT_JEFF_4 23616	34.81 2.56 0.26	31.05 1.99 0.00	29.31 1.85 0.00	29.70 1.89 0.00	32.87 2.09 0.06	32.80 2.21 0.88	45.05 3.20 0.31	46.10 3.42 0.36	44.51 2.49 0.14	40.09 2.24 1.06	38.78 2.19 0.90	34.79 2.39 1.52	32.24 2.07 -0.47	43.48 1.85 -14.36	30.61 1.96 1.32	38.81 2.21 0.00	43.69 2.62 0.00	47.28 3.24 0.00	50.84 3.76 0.00	51.70 4.10 0.00	49.51 3.74 0.00	50.19 3.77 0.00	48.03 3.21 0.00	35.43 2.20 0.15
PORT_JEFF_IC 23713	34.84 2.59 0.26	31.05 1.99 0.00	29.32 1.86 0.00	29.70 1.90 0.00	32.88 2.09 0.06	32.80 2.20 0.88	45.11 3.26 0.31	46.12 3.43 0.36	44.51 2.50 0.14	40.09 2.24 1.06	38.79 2.19 0.89	34.81 2.40 1.50	32.25 2.07 -0.49	43.54 1.86 -14.43	30.62 1.96 1.30	38.81 2.21 0.00	43.69 2.61 0.00	47.28 3.25 0.00	50.86 3.78 0.00	51.72 4.13 0.00	49.53 3.75 0.00	50.22 3.81 0.00	48.07 3.24 0.00	35.45 2.22 0.15
PPL PILGRIM_ST_GT1 24216	34.98 2.73 0.26	31.19 2.13 0.00	29.45 1.98 0.00	29.83 2.02 0.00	33.02 2.24 0.06	32.95 2.35 0.88	45.25 3.40 0.31	46.32 3.63 0.36	44.77 2.75 0.14	40.36 2.51 1.06	39.13 2.50 0.86	35.13 2.60 1.40	32.52 2.28 -0.54	44.04 2.07 -14.71	30.93 2.19 1.22	39.07 2.47 0.00	44.06 2.98 0.00	47.57 3.53 0.00	51.11 4.04 0.00	51.98 4.38 0.00	49.81 4.04 0.00	50.41 4.00 0.00	48.28 3.45 0.00	35.67 2.41 0.13
PPL PILGRIM_ST_GT2 24217	34.98 2.73 0.26	31.19 2.13 0.00	29.45 1.98 0.00	29.83 2.02 0.00	33.02 2.24 0.06	32.95 2.35 0.88	45.25 3.40 0.31	46.32 3.63 0.36	44.77 2.75 0.14	40.36 2.51 1.06	39.13 2.50 0.86	35.13 2.60 1.40	32.52 2.28 -0.54	44.04 2.07 -14.71	30.93 2.19 1.22	39.07 2.47 0.00	44.06 2.98 0.00	47.57 3.53 0.00	51.11 4.04 0.00	51.98 4.38 0.00	49.81 4.04 0.00	50.41 4.00 0.00	48.28 3.45 0.00	35.67 2.41 0.13
PPL_SHRM_GT3 24213	34.63 2.38 0.26	30.89 1.84 0.00	29.17 1.70 0.00	29.55 1.74 0.00	32.71 1.93 0.06	32.66 2.06 0.88	44.84 3.00 0.31	45.88 3.20 0.36	44.09 2.07 0.14	39.63 1.78 1.06	38.21 1.62 0.90	34.38 1.98 1.52	31.86 1.69 -0.48	43.14 1.49 -14.39	30.23 1.58 1.31	38.31 1.71 0.00	43.04 1.96 0.00	46.79 2.76 0.00	50.38 3.31 0.00	51.28 3.68 0.00	48.94 3.16 0.00	49.81 3.39 0.00	47.63 2.81 0.00	34.99 1.75 0.15
PPL_SHRM_GT4 24214	34.63 2.38 0.26	30.89 1.84 0.00	29.17 1.70 0.00	29.55 1.74 0.00	32.71 1.93 0.06	32.66 2.06 0.88	44.84 3.00 0.31	45.88 3.20 0.36	44.09 2.07 0.14	39.63 1.78 1.06	38.21 1.62 0.90	34.38 1.98 1.52	31.86 1.69 -0.48	43.14 1.49 -14.39	30.23 1.58 1.31	38.31 1.71 0.00	43.04 1.96 0.00	46.79 2.76 0.00	50.38 3.31 0.00	51.28 3.68 0.00	48.94 3.16 0.00	49.81 3.39 0.00	47.63 2.81 0.00	34.99 1.75 0.15
PROJECT___ORANGE 1 24174	32.17 -0.34 0.00	28.74 -0.31 0.00	27.18 -0.29 0.00	27.52 -0.29 0.00	30.56 -0.29 0.00	31.17 -0.30 0.00	41.72 -0.44 0.00	42.72 -0.32 0.00	41.86 -0.29 0.00	38.66 -0.26 0.00	37.31 -0.18 0.00	33.75 -0.17 0.00	29.57 -0.12 0.00	27.13 -0.13 0.00	29.82 -0.14 0.00	36.39 -0.21 0.00	40.83 -0.24 0.00	43.71 -0.33 0.00	46.69 -0.39 0.00	47.16 -0.44 0.00	45.39 -0.39 0.00	45.97 -0.44 0.00	44.35 -0.48 0.00	33.02 -0.37 0.00
PROJECT___ORANGE 2 24166	32.17 -0.34 0.00	28.74 -0.31 0.00	27.18 -0.29 0.00	27.52 -0.29 0.00	30.56 -0.29 0.00	31.17 -0.30 0.00	41.72 -0.44 0.00	42.72 -0.32 0.00	41.86 -0.29 0.00	38.66 -0.26 0.00	37.31 -0.18 0.00	33.75 -0.17 0.00	29.57 -0.12 0.00	27.13 -0.13 0.00	29.82 -0.14 0.00	36.39 -0.21 0.00	40.83 -0.24 0.00	43.71 -0.33 0.00	46.69 -0.39 0.00	47.16 -0.44 0.00	45.39 -0.39 0.00	45.97 -0.44 0.00	44.35 -0.48 0.00	33.02 -0.37 0.00
PUCKETT___SOLAR 323809	32.68 0.17 0.00	29.18 0.12 0.00	27.63 0.16 0.00	27.99 0.18 0.00	31.14 0.29 0.00	31.78 0.31 0.00	42.61 0.45 0.00	43.76 0.72 0.00	42.94 0.78 0.00	39.51 0.59 0.00	38.06 0.57 0.00	34.37 0.45 0.00	30.11 0.42 0.00	27.57 0.31 0.00	30.29 0.32 0.00	37.02 0.42 0.00	41.71 0.63 0.00	44.67 0.64 0.00	47.86 0.79 0.00	48.30 0.70 0.00	46.56 0.78 0.00	47.13 0.72 0.00	45.62 0.80 0.00	33.88 0.49 0.00
PYRITES___HYD 24023	32.57 0.06 0.00	29.06 0.01 0.00	27.42 -0.05 0.00	27.71 -0.10 0.00	30.73 -0.12 0.00	33.45 0.03 -1.95	43.15 0.28 -0.71	51.12 0.31 -7.78	51.80 0.39 -9.25	48.03 0.34 -8.77	46.44 0.37 -8.58	42.24 0.24 -8.08	37.14 -0.01 -7.46	34.37 0.01 -7.10	37.49 0.01 -7.51	44.82 -0.25 -8.47	49.70 -0.48 -9.11	46.84 -0.19 -2.99	46.74 -0.34 0.00	47.30 -0.30 0.00	45.48 -0.31 0.00	48.01 -0.05 -1.64	54.98 0.48 -9.67	35.75 0.40 -1.97
QUAKERRD_115KV_BK1 80622	31.09 -1.42 0.00	27.78 -1.28 0.00	26.28 -1.19 0.00	26.54 -1.27 0.00	29.55 -1.30 0.00	30.27 -1.20 0.00	40.49 -1.67 0.00	41.56 -1.48 0.00	40.80 -1.36 0.00	37.80 -1.12 0.00	36.73 -0.76 0.00	33.12 -0.80 0.00	28.92 -0.78 0.00	26.50 -0.76 0.00	29.15 -0.81 0.00	35.61 -0.99 0.00	39.79 -1.29 0.00	42.49 -1.55 0.00	45.18 -1.90 0.00	45.44 -2.16 0.00	43.80 -1.98 0.00	44.49 -1.92 0.00	43.06 -1.76 0.00	32.17 -1.22 0.00
QUENSBRY_115KV_TB8 356137	34.17 1.66 0.00	30.60 1.55 0.00	28.91 1.45 0.00	29.31 1.50 0.00	32.46 1.61 0.00	33.18 1.70 0.00	44.80 2.64 0.00	45.49 2.45 0.00	44.41 2.25 0.00	41.02 2.10 0.00	39.30 1.81 0.00	35.37 1.45 0.00	30.92 1.23 0.00	28.54 1.29 0.00	31.72 1.75 0.00	38.50 1.90 0.00	43.50 2.43 0.00	46.82 2.78 0.00	50.28 3.20 0.00	51.07 3.46 0.00	49.10 3.31 0.00	49.46 3.05 0.00	47.32 2.50 0.00	35.05 1.67 0.00
RAMAPO___LBMP 323565	33.94 1.43 0.00	30.34 1.28 0.00	28.67 1.20 0.00	29.07 1.26 0.00	32.35 1.50 0.00	33.00 1.53 0.00	44.29 2.14 0.00	45.36 2.32 0.00	44.20 2.04 0.00	40.73 1.82 0.00	39.15 1.66 0.00	35.48 1.56 0.00	27.93 1.36 3.12	-2.19 1.22 30.67	31.33 1.36 0.00	38.45 1.85 0.00	43.32 2.24 0.00	46.45 2.42 0.00	49.77 2.70 0.00	50.39 2.79 0.00	48.44 2.66 0.00	48.83 2.41 0.00	46.94 2.12 0.00	34.87 1.49 0.00
RANKINE____ 23646	30.67 -1.84 0.00	27.37 -1.68 0.00	25.93 -1.54 0.00	26.01 -1.71 0.08	29.28 -1.57 0.00	30.07 -1.41 0.00	40.04 -2.11 0.00	39.50 -1.72 1.82	39.41 -1.60 1.14	37.66 -1.26 0.00	36.96 -0.53 0.00	33.16 -0.76 0.00	28.88 -0.82 0.00	26.42 -0.84 0.00	29.08 -0.88 0.00	35.57 -1.03 0.00	39.49 -1.59 0.00	41.93 -2.11 0.00	43.95 -2.49 0.63	44.96 -2.64 0.00	43.48 -2.30 0.00	44.48 -1.94 0.00	43.41 -1.41 0.00	32.64 -0.75 0.00
RAVENSWOOD_GT2_1 24244	43.10 2.22 -8.37	31.02 1.96 0.00	29.30 1.84 0.00	29.72 1.91 0.00	34.17 2.19 -1.13	48.79 2.25 -15.07	50.65 3.17 -5.32	52.49 3.34 -6.11	47.63 3.02 -2.46	69.27 2.63 -27.73	56.87 2.47 -16.91	56.43 2.30 -20.21	56.50 2.03 -24.78	72.03 1.87 -42.90	51.34 2.06 -19.31	39.30 2.70 0.00	44.29 3.21 0.00	47.45 3.42 0.00	50.80 3.72 0.00	51.47 3.87 0.00	49.52 3.74 0.00	49.90 3.48 0.00	48.11 3.28 0.00	35.69 2.31 0.00

RAVENSWOOD_GT2_2 24245	43.10 2.22 -8.37	31.02 1.96 0.00	29.30 1.84 0.00	29.72 1.91 0.00	34.17 2.19 -1.13	48.79 2.25 -15.07	50.65 3.17 -5.32	52.49 3.34 -6.11	47.63 3.02 -2.46	69.27 2.63 -27.73	56.87 2.47 -16.91	56.43 2.30 -20.21	56.50 2.03 -24.78	72.03 1.87 -42.90	51.34 2.06 -19.31	39.30 2.70 0.00	44.29 3.21 0.00	47.45 3.42 0.00	50.80 3.72 0.00	51.47 3.87 0.00	49.52 3.74 0.00	49.90 3.48 0.00	48.11 3.28 0.00	35.69 2.31 0.00
RAVENSWOOD_GT2_3 24246	43.10 2.22 -8.37	31.03 1.97 0.00	29.31 1.85 0.00	29.73 1.92 0.00	34.18 2.20 -1.13	48.80 2.26 -15.07	50.68 3.20 -5.32	52.51 3.35 -6.11	47.66 3.04 -2.46	69.29 2.65 -27.73	56.90 2.50 -16.91	56.45 2.32 -20.21	56.52 2.05 -24.78	72.04 1.88 -42.90	51.36 2.08 -19.31	39.32 2.73 0.00	44.31 3.23 0.00	47.48 3.44 0.00	50.82 3.74 0.00	51.50 3.90 0.00	49.55 3.77 0.00	49.92 3.50 0.00	48.13 3.30 0.00	35.71 2.32 0.00
RAVENSWOOD_GT2_4 24247	43.10 2.22 -8.37	31.03 1.97 0.00	29.31 1.85 0.00	29.73 1.92 0.00	34.18 2.20 -1.13	48.80 2.26 -15.07	50.68 3.20 -5.32	52.51 3.35 -6.11	47.66 3.04 -2.46	69.29 2.65 -27.73	56.90 2.50 -16.91	56.45 2.32 -20.21	56.52 2.05 -24.78	72.04 1.88 -42.90	51.36 2.08 -19.31	39.32 2.73 0.00	44.31 3.23 0.00	47.48 3.44 0.00	50.82 3.74 0.00	51.50 3.90 0.00	49.55 3.77 0.00	49.92 3.50 0.00	48.13 3.30 0.00	35.71 2.32 0.00
RAVENSWOOD_GT3_1 24248	43.10 2.22 -8.37	31.02 1.96 0.00	29.30 1.84 0.00	29.72 1.91 0.00	34.17 2.19 -1.13	48.79 2.25 -15.07	50.65 3.17 -5.32	52.49 3.34 -6.11	47.63 3.02 -2.46	69.28 2.63 -27.73	56.87 2.47 -16.91	56.43 2.30 -20.21	56.51 2.04 -24.78	72.03 1.87 -42.90	51.34 2.06 -19.31	39.30 2.70 0.00	44.29 3.21 0.00	47.45 3.42 0.00	50.80 3.72 0.00	51.47 3.87 0.00	49.53 3.75 0.00	49.90 3.48 0.00	48.11 3.28 0.00	35.70 2.31 0.00
RAVENSWOOD_GT3_2 24249	43.10 2.22 -8.37	31.02 1.96 0.00	29.30 1.84 0.00	29.72 1.91 0.00	34.17 2.19 -1.13	48.79 2.25 -15.07	50.65 3.17 -5.32	52.49 3.34 -6.11	47.63 3.02 -2.46	69.28 2.63 -27.73	56.87 2.47 -16.91	56.43 2.30 -20.21	56.51 2.04 -24.78	72.03 1.87 -42.90	51.34 2.06 -19.31	39.30 2.70 0.00	44.29 3.21 0.00	47.45 3.42 0.00	50.80 3.72 0.00	51.47 3.87 0.00	49.53 3.75 0.00	49.90 3.48 0.00	48.11 3.28 0.00	35.70 2.31 0.00
RAVENSWOOD_GT3_3 24250	43.13 2.26 -8.37	31.06 2.00 0.00	29.34 1.87 0.00	29.75 1.94 0.00	34.21 2.23 -1.13	48.83 2.28 -15.07	50.72 3.24 -5.32	52.56 3.40 -6.11	47.71 3.10 -2.46	69.34 2.70 -27.73	56.94 2.54 -16.91	56.49 2.36 -20.21	56.55 2.08 -24.78	72.07 1.91 -42.90	51.39 2.11 -19.31	39.37 2.77 0.00	44.37 3.29 0.00	47.53 3.49 0.00	50.88 3.80 0.00	51.55 3.95 0.00	49.61 3.83 0.00	49.97 3.56 0.00	48.17 3.35 0.00	35.74 2.35 0.00
RAVENSWOOD_GT3_4 24251	43.13 2.26 -8.37	31.06 2.00 0.00	29.34 1.87 0.00	29.75 1.94 0.00	34.21 2.23 -1.13	48.83 2.28 -15.07	50.72 3.24 -5.32	52.56 3.40 -6.11	47.71 3.10 -2.46	69.34 2.70 -27.73	56.94 2.54 -16.91	56.49 2.36 -20.21	56.55 2.08 -24.78	72.07 1.91 -42.90	51.39 2.11 -19.31	39.37 2.77 0.00	44.37 3.29 0.00	47.53 3.49 0.00	50.88 3.80 0.00	51.55 3.95 0.00	49.61 3.83 0.00	49.97 3.56 0.00	48.17 3.35 0.00	35.74 2.35 0.00
RAVENSWOOD_GT_1 23729	43.32 2.34 -8.46	31.14 2.07 -0.01	29.42 1.94 -0.01	29.82 2.01 -0.01	34.29 2.31 -1.13	48.89 2.35 -15.07	50.80 3.32 -5.32	52.63 3.48 -6.11	47.30 3.20 -1.94	69.38 2.74 -27.73	56.98 2.58 -16.91	56.53 2.40 -20.21	56.60 2.13 -24.78	72.11 1.95 -42.90	51.90 2.19 -19.75	42.41 2.90 -2.91	51.94 3.44 -7.42	50.28 3.63 -2.62	51.08 3.94 -0.07	51.67 4.07 0.00	49.97 3.96 -0.24	51.01 3.66 -0.93	48.85 3.52 -0.51	44.24 2.48 -8.38
RAVENSWOOD_GT_10 24258	43.09 2.22 -8.37	31.02 1.96 0.00	29.30 1.84 0.00	29.71 1.90 0.00	34.16 2.18 -1.13	48.79 2.25 -15.07	50.65 3.17 -5.32	52.48 3.33 -6.11	47.63 3.02 -2.46	69.28 2.63 -27.73	56.87 2.47 -16.91	56.43 2.30 -20.21	56.50 2.03 -24.78	72.03 1.87 -42.90	51.34 2.06 -19.31	39.37 2.70 -0.07	44.42 3.21 -0.13	47.75 3.41 -0.30	50.80 3.71 -0.01	51.47 3.87 0.00	49.55 3.74 -0.03	50.00 3.47 -0.11	48.12 3.28 -0.02	35.92 2.30 -0.24
RAVENSWOOD_GT_11 24259	43.09 2.22 -8.37	31.02 1.96 0.00	29.30 1.84 0.00	29.71 1.90 0.00	34.16 2.18 -1.13	48.79 2.25 -15.07	50.65 3.17 -5.32	52.48 3.33 -6.11	47.63 3.02 -2.46	69.28 2.63 -27.73	56.87 2.47 -16.91	56.43 2.30 -20.21	56.50 2.03 -24.78	72.03 1.87 -42.90	51.34 2.06 -19.31	39.37 2.70 -0.07	44.42 3.21 -0.13	47.75 3.41 -0.30	50.80 3.71 -0.01	51.47 3.87 0.00	49.55 3.74 -0.03	50.00 3.47 -0.11	48.12 3.28 -0.02	35.92 2.30 -0.24
RAVENSWOOD_GT_4 24252	43.15 2.20 -8.44	30.99 1.94 0.01	29.29 1.82 0.01	29.70 1.89 0.01	34.15 2.17 -1.13	48.78 2.23 -15.07	50.64 3.16 -5.32	52.47 3.32 -6.11	47.22 3.00 -2.06	69.28 2.63 -27.73	56.87 2.47 -16.91	56.42 2.30 -20.21	56.50 2.03 -24.78	72.02 1.86 -42.90	51.67 2.05 -19.64	40.15 2.68 -0.87	45.51 3.18 -1.26	49.40 3.37 -1.99	50.81 3.69 -0.05	51.43 3.83 0.00	49.67 3.71 -0.18	50.57 3.45 -0.70	48.46 3.25 -0.39	38.15 2.28 -2.48
RAVENSWOOD_GT_5 24254	43.15 2.20 -8.44	30.99 1.94 0.01	29.29 1.82 0.01	29.70 1.89 0.01	34.15 2.17 -1.13	48.78 2.23 -15.07	50.64 3.16 -5.32	52.47 3.32 -6.11	47.22 3.00 -2.06	69.28 2.63 -27.73	56.87 2.47 -16.91	56.42 2.30 -20.21	56.50 2.03 -24.78	72.02 1.86 -42.90	51.67 2.05 -19.64	40.15 2.68 -0.87	45.51 3.18 -1.26	49.40 3.37 -1.99	50.81 3.69 -0.05	51.43 3.83 0.00	49.67 3.71 -0.18	50.57 3.45 -0.70	48.46 3.25 -0.39	38.15 2.28 -2.48
RAVENSWOOD_GT_6 24253	43.15 2.20 -8.44	30.99 1.94 0.01	29.29 1.82 0.01	29.70 1.89 0.01	34.15 2.17 -1.13	48.78 2.23 -15.07	50.64 3.16 -5.32	52.47 3.32 -6.11	47.22 3.00 -2.06	69.28 2.63 -27.73	56.87 2.47 -16.91	56.42 2.30 -20.21	56.50 2.03 -24.78	72.02 1.86 -42.90	51.67 2.05 -19.64	40.15 2.68 -0.87	45.51 3.18 -1.26	49.40 3.37 -1.99	50.81 3.69 -0.05	51.43 3.83 0.00	49.67 3.71 -0.18	50.57 3.45 -0.70	48.46 3.25 -0.39	38.15 2.28 -2.48
RAVENSWOOD_GT_7 24255	43.15 2.20 -8.44	30.99 1.94 0.01	29.29 1.82 0.01	29.70 1.89 0.01	34.15 2.17 -1.13	48.78 2.23 -15.07	50.64 3.16 -5.32	52.47 3.32 -6.11	47.22 3.00 -2.06	69.28 2.63 -27.73	56.87 2.47 -16.91	56.42 2.30 -20.21	56.50 2.03 -24.78	72.02 1.86 -42.90	51.67 2.05 -19.64	40.15 2.68 -0.87	45.51 3.18 -1.26	49.40 3.37 -1.99	50.81 3.69 -0.05	51.43 3.83 0.00	49.67 3.71 -0.18	50.57 3.45 -0.70	48.46 3.25 -0.39	38.15 2.28 -2.48
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.09 2.22 -8.37	31.02 1.96 0.00	29.30 1.84 0.00	29.71 1.90 0.00	34.16 2.18 -1.13	48.79 2.25 -15.07	50.65 3.17 -5.32	52.48 3.33 -6.11	47.63 3.02 -2.46	69.28 2.63 -27.73	56.87 2.47 -16.91	56.43 2.30 -20.21	56.50 2.03 -24.78	72.03 1.87 -42.90	51.34 2.06 -19.31	39.37 2.70 -0.07	44.42 3.21 -0.13	47.75 3.41 -0.30	50.80 3.71 -0.01	51.47 3.87 0.00	49.55 3.74 -0.03	50.00 3.47 -0.11	48.12 3.28 -0.02	35.92 2.30 -0.24

RAVENSWOOD_GT_9 24257	43.09 2.22 -8.37	31.02 1.96 0.00	29.30 1.84 0.00	29.71 1.90 0.00	34.16 2.18 -1.13	48.79 2.25 -15.07	50.65 3.17 -5.32	52.48 3.33 -6.11	47.63 3.02 -2.46	69.28 2.63 -27.73	56.87 2.47 -16.91	56.43 2.30 -20.21	56.50 2.03 -24.78	72.03 1.87 -42.90	51.34 2.06 -19.31	39.37 2.70 -0.07	44.42 3.21 -0.13	47.75 3.41 -0.30	50.80 3.71 -0.01	51.47 3.87 0.00	49.55 3.74 -0.03	50.00 3.47 -0.11	48.12 3.28 -0.02	35.92 2.30 -0.24
RAVENSWOOD___1 23533	43.21 2.33 -8.37	31.12 2.05 -0.01	29.39 1.92 -0.01	29.81 1.99 -0.01	34.27 2.28 -1.13	48.87 2.33 -15.07	50.75 3.27 -5.32	52.59 3.44 -6.11	48.28 3.16 -2.96	69.32 2.68 -27.73	56.93 2.53 -16.91	56.48 2.36 -20.21	56.56 2.09 -24.78	72.07 1.91 -42.90	51.00 2.14 -18.89	41.56 2.86 -2.10	51.29 3.40 -6.81	51.26 3.60 -3.62	51.07 3.91 -0.09	51.63 4.04 0.00	50.04 3.93 -0.33	51.42 3.65 -1.36	48.10 3.48 0.20	42.59 2.45 -6.76
RAVENSWOOD___2 23534	43.14 2.26 -8.37	31.07 2.00 -0.01	29.35 1.87 -0.01	29.77 1.95 -0.01	34.22 2.24 -1.13	48.82 2.28 -15.07	50.66 3.18 -5.32	52.43 3.28 -6.11	47.55 2.94 -2.46	69.04 2.40 -27.73	56.63 2.23 -16.91	56.21 2.09 -20.21	56.33 1.85 -24.78	71.86 1.69 -42.90	51.20 1.92 -19.32	41.79 2.68 -2.50	51.51 3.32 -7.12	50.70 3.53 -3.13	50.98 3.83 -0.08	51.52 3.92 0.00	49.92 3.85 -0.29	51.08 3.52 -1.15	48.37 3.39 -0.15	43.35 2.40 -7.57
RAVENSWOOD___3 23535	43.10 2.22 -8.37	31.02 1.96 0.00	29.31 1.84 0.00	29.71 1.91 0.00	34.17 2.19 -1.13	48.80 2.25 -15.07	50.67 3.18 -5.32	52.49 3.34 -6.11	47.63 3.02 -2.46	69.28 2.64 -27.73	56.88 2.48 -16.91	56.43 2.31 -20.21	56.51 2.04 -24.78	72.03 1.86 -42.90	51.35 2.06 -19.31	39.30 2.70 0.00	44.29 3.22 0.00	47.45 3.42 0.00	50.81 3.73 0.00	51.47 3.87 0.00	49.54 3.75 0.00	49.90 3.48 0.00	48.11 3.29 0.00	35.70 2.31 0.00
RAVENSWOOD___4 23820	43.11 2.32 -8.28	31.12 2.05 -0.01	29.39 1.92 -0.01	29.81 1.99 -0.01	34.27 2.28 -1.13	48.87 2.33 -15.07	50.75 3.27 -5.32	52.59 3.44 -6.11	48.28 3.16 -2.96	69.32 2.68 -27.73	56.93 2.53 -16.91	56.48 2.36 -20.21	56.56 2.09 -24.78	72.07 1.91 -42.90	51.00 2.14 -18.89	41.56 2.86 -2.10	51.29 3.40 -6.81	51.26 3.60 -3.62	51.07 3.91 -0.09	51.63 4.04 0.00	50.04 3.93 -0.33	51.42 3.65 -1.36	48.10 3.48 0.20	42.59 2.45 -6.76
RCPL_TRUST___DRP 24196	36.42 2.16 -1.75	30.97 1.91 0.00	29.26 1.79 0.00	29.68 1.87 0.00	33.70 2.14 -0.71	43.05 2.21 -9.37	48.59 3.13 -3.31	50.13 3.29 -3.80	46.63 2.94 -1.53	47.26 2.56 -5.78	43.45 2.42 -3.54	40.39 2.25 -4.23	38.29 1.99 -6.60	51.99 1.82 -22.92	36.02 2.02 -4.04	39.26 2.66 0.00	44.23 3.16 0.00	47.40 3.36 0.00	50.73 3.65 0.00	51.42 3.82 0.00	49.48 3.70 0.00	49.84 3.42 0.00	48.03 3.21 0.00	35.64 2.26 0.00
RED___ROCHESTER 323720	31.77 -0.74 0.00	28.38 -0.68 0.00	26.85 -0.62 0.00	27.09 -0.72 0.00	30.21 -0.63 0.00	30.97 -0.50 0.00	41.43 -0.72 0.00	42.59 -0.46 0.00	41.81 -0.35 0.00	38.76 -0.15 0.00	37.74 0.26 0.00	33.99 0.07 0.00	29.66 -0.03 0.00	27.18 -0.08 0.00	29.89 -0.07 0.00	36.53 -0.07 0.00	40.80 -0.28 0.00	43.53 -0.51 0.00	46.23 -0.84 0.00	46.48 -1.12 0.00	44.83 -0.95 0.00	45.58 -0.84 0.00	44.14 -0.68 0.00	32.98 -0.40 0.00
REGAN___SOLAR 323812	34.33 1.82 0.00	30.67 1.61 0.00	28.97 1.50 0.00	29.35 1.54 0.00	32.60 1.75 0.00	33.42 1.95 0.00	44.95 2.79 0.00	45.73 2.69 0.00	44.17 2.01 0.00	40.13 1.22 0.00	38.34 0.85 0.00	34.72 0.80 0.00	30.19 0.50 0.00	28.08 0.82 0.00	31.35 1.39 0.00	38.44 1.84 0.00	43.55 2.47 0.00	47.13 3.10 0.00	50.49 3.41 0.00	51.07 3.47 0.00	49.18 3.40 0.00	49.80 3.39 0.00	47.90 3.08 0.00	35.54 2.16 0.00
RENSSELAER___COGEN 23796	33.14 0.63 0.00	29.68 0.63 0.00	28.05 0.59 0.00	28.44 0.63 0.00	31.49 0.64 0.00	32.11 0.64 0.00	42.93 0.77 0.00	43.41 0.37 0.00	42.60 0.44 0.00	39.35 0.44 0.00	37.69 0.20 0.00	34.16 0.24 0.00	30.02 0.32 0.00	27.60 0.34 0.00	30.19 0.23 0.00	37.04 0.44 0.00	41.68 0.61 0.00	44.73 0.70 0.00	47.93 0.85 0.00	48.59 0.99 0.00	46.74 0.96 0.00	47.27 0.85 0.00	45.48 0.66 0.00	33.88 0.50 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.93 2.42 0.00	31.45 2.39 0.00	29.68 2.21 0.00	30.07 2.26 0.00	33.19 2.34 0.00	33.98 2.51 0.00	46.32 4.17 0.00	46.91 3.87 0.00	45.55 3.39 0.00	41.97 3.06 0.00	40.17 2.68 0.00	35.90 1.99 0.00	31.44 1.74 0.00	29.09 1.83 0.00	32.50 2.54 0.00	39.15 2.55 0.00	44.69 3.61 0.00	48.30 4.27 0.00	52.10 5.02 0.00	53.20 5.60 0.00	51.07 5.29 0.00	51.11 4.69 0.00	48.47 3.64 0.00	35.79 2.41 0.00
REVERE_CPPR_DRP 24186	33.26 0.75 0.00	29.70 0.64 0.00	28.05 0.59 0.00	28.40 0.59 0.00	31.56 0.71 0.00	32.32 0.85 0.00	43.63 1.48 0.00	44.65 1.61 0.00	43.82 1.66 0.00	40.29 1.37 0.00	38.71 1.22 0.00	34.95 1.03 0.00	30.57 0.87 0.00	28.07 0.81 0.00	30.90 0.94 0.00	37.77 1.17 0.00	42.52 1.44 0.00	45.59 1.55 0.00	48.76 1.69 0.00	49.35 1.75 0.00	47.50 1.72 0.00	48.07 1.65 0.00	46.36 1.53 0.00	34.41 1.03 0.00
REYNOLDS_115KV_TB3 80639	33.46 0.95 0.00	29.94 0.89 0.00	28.31 0.84 0.00	28.70 0.89 0.00	31.77 0.92 0.00	32.39 0.92 0.00	43.32 1.17 0.00	43.68 0.64 0.00	42.85 0.69 0.00	39.59 0.68 0.00	37.93 0.44 0.00	34.36 0.44 0.00	30.17 0.47 0.00	27.75 0.49 0.00	30.40 0.44 0.00	37.33 0.73 0.00	42.02 0.94 0.00	45.10 1.06 0.00	48.30 1.22 0.00	48.96 1.36 0.00	47.10 1.32 0.00	47.63 1.21 0.00	45.84 1.02 0.00	34.12 0.73 0.00
RIVERBAY____ 323610	41.52 2.59 -6.41	31.42 2.36 -0.01	29.69 2.22 -0.01	30.13 2.32 -0.01	34.44 2.65 -0.94	46.55 2.70 -12.37	48.38 3.79 -2.43	47.31 4.03 -0.24	46.01 3.75 -0.10	55.11 3.16 -13.04	44.07 2.99 -3.59	37.15 2.73 -0.51	34.46 2.40 -2.36	47.65 2.21 -18.19	38.39 2.50 -5.93	39.80 3.20 0.00	44.89 3.82 0.01	48.05 4.03 0.01	51.43 4.36 0.00	52.12 4.52 0.00	50.18 4.40 0.00	50.50 4.08 0.00	48.75 3.93 0.00	37.95 2.81 -1.76
RIVERSDE_115KV_TB3 55908	33.22 0.71 0.00	29.74 0.68 0.00	28.11 0.65 0.00	28.50 0.69 0.00	31.55 0.70 0.00	32.17 0.70 0.00	43.01 0.85 0.00	43.45 0.41 0.00	42.64 0.48 0.00	39.40 0.49 0.00	37.74 0.25 0.00	34.22 0.29 0.00	30.06 0.36 0.00	27.63 0.38 0.00	30.26 0.29 0.00	37.12 0.52 0.00	41.77 0.69 0.00	44.82 0.79 0.00	48.07 0.99 0.00	48.81 1.21 0.00	46.96 1.18 0.00	47.49 1.07 0.00	45.69 0.87 0.00	34.02 0.63 0.00
ROARING___BROOK_WT_PWR 323790	31.71 -0.80 0.00	28.33 -0.72 0.00	26.73 -0.74 0.00	27.13 -0.67 0.00	30.13 -0.72 0.00	30.76 -0.71 0.00	41.23 -0.92 0.00	42.11 -0.93 0.00	41.33 -0.83 0.00	38.17 -0.75 0.00	36.65 -0.84 0.00	33.09 -0.83 0.00	28.88 -0.82 0.00	26.45 -0.81 0.00	29.07 -0.90 0.00	35.48 -1.12 0.00	39.79 -1.29 0.00	42.69 -1.34 0.00	45.69 -1.39 0.00	46.27 -1.33 0.00	44.57 -1.21 0.00	45.45 -0.97 0.00	44.12 -0.70 0.00	32.93 -0.46 0.00

ROCHESRG_115KV_T4 355643	31.46 -1.05 0.00	28.12 -0.94 0.00	26.59 -0.87 0.00	26.82 -0.97 0.01	29.92 -0.93 0.00	30.66 -0.82 0.00	40.97 -1.19 0.00	41.86 -0.95 0.22	41.19 -0.83 0.14	38.31 -0.61 0.00	37.29 -0.20 0.00	33.58 -0.34 0.00	29.31 -0.39 0.00	26.85 -0.40 0.00	29.54 -0.42 0.00	36.09 -0.51 0.00	40.31 -0.77 0.00	43.00 -1.04 0.00	45.65 -1.42 0.00	45.90 -1.70 0.00	44.27 -1.51 0.00	45.02 -1.39 0.00	43.64 -1.19 0.00	32.64 -0.75 0.00
ROCHESTER_9_IC 23652	31.62 -0.90 0.00	28.25 -0.80 0.00	26.72 -0.74 0.00	26.96 -0.85 0.00	30.07 -0.78 0.00	30.82 -0.65 0.00	41.22 -0.94 0.00	42.34 -0.69 0.00	41.59 -0.56 0.00	38.57 -0.35 0.00	37.53 0.04 0.00	33.80 -0.12 0.00	29.49 -0.20 0.00	27.02 -0.23 0.00	29.73 -0.24 0.00	36.32 -0.28 0.00	40.57 -0.51 0.00	43.27 -0.76 0.00	45.96 -1.11 0.00	46.22 -1.38 0.00	44.57 -1.21 0.00	45.31 -1.10 0.00	43.91 -0.92 0.00	32.82 -0.57 0.00
ROCKVIEW_13_KV_LD 356306	34.61 2.10 0.00	30.91 1.85 0.00	29.20 1.74 0.00	29.61 1.80 0.00	32.90 2.05 0.00	33.59 2.12 0.00	45.18 3.02 0.00	46.23 3.19 0.00	45.05 2.90 0.00	41.46 2.55 0.00	39.89 2.40 0.00	36.16 2.24 0.00	33.47 1.99 -1.78	46.62 1.82 -17.54	31.98 2.02 0.00	39.22 2.62 0.00	44.18 3.10 0.00	47.36 3.33 0.00	50.73 3.65 0.00	51.41 3.81 0.00	49.45 3.67 0.00	49.83 3.41 0.00	47.98 3.16 0.00	35.59 2.21 0.00
ROME____115KV_TB2 80656	33.26 0.75 0.00	29.70 0.64 0.00	28.05 0.59 0.00	28.40 0.59 0.00	31.56 0.71 0.00	32.32 0.85 0.00	43.63 1.48 0.00	44.65 1.61 0.00	43.82 1.66 0.00	40.29 1.37 0.00	38.71 1.22 0.00	34.95 1.03 0.00	30.57 0.87 0.00	28.07 0.81 0.00	30.90 0.94 0.00	37.77 1.17 0.00	42.52 1.44 0.00	45.59 1.55 0.00	48.76 1.69 0.00	49.35 1.75 0.00	47.50 1.72 0.00	48.07 1.65 0.00	46.36 1.53 0.00	34.41 1.03 0.00
ROSETON___1 23587	34.00 1.49 0.00	30.38 1.32 0.00	28.72 1.25 0.00	29.12 1.31 0.00	32.33 1.49 0.00	32.99 1.52 0.00	44.31 2.15 0.00	45.29 2.25 0.00	44.20 2.04 0.00	40.72 1.80 0.00	39.15 1.66 0.00	35.48 1.56 0.00	31.09 1.39 0.00	28.52 1.27 0.00	31.38 1.41 0.00	38.43 1.83 0.00	43.25 2.18 0.00	46.38 2.34 0.00	49.68 2.61 0.00	50.35 2.75 0.00	48.43 2.65 0.00	48.84 2.43 0.00	47.00 2.17 0.00	34.91 1.52 0.00
ROSETON___2 23588	34.00 1.49 0.00	30.38 1.32 0.00	28.72 1.25 0.00	29.12 1.31 0.00	32.33 1.49 0.00	32.99 1.52 0.00	44.31 2.15 0.00	45.29 2.25 0.00	44.20 2.04 0.00	40.72 1.80 0.00	39.15 1.66 0.00	35.48 1.56 0.00	31.09 1.39 0.00	28.52 1.27 0.00	31.38 1.41 0.00	38.43 1.83 0.00	43.25 2.18 0.00	46.38 2.34 0.00	49.68 2.61 0.00	50.35 2.75 0.00	48.43 2.65 0.00	48.84 2.43 0.00	47.00 2.17 0.00	34.91 1.52 0.00
ROTRRDAM_115KV_TB3 80664	33.42 0.91 0.00	29.87 0.81 0.00	28.24 0.77 0.00	28.62 0.81 0.00	31.72 0.88 0.00	32.38 0.91 0.00	43.44 1.28 0.00	44.20 1.16 0.00	43.23 1.07 0.00	39.87 0.95 0.00	38.31 0.82 0.00	34.67 0.75 0.00	30.34 0.64 0.00	27.91 0.65 0.00	30.76 0.80 0.00	37.56 0.95 0.00	42.25 1.17 0.00	45.35 1.32 0.00	48.54 1.47 0.00	49.16 1.56 0.00	47.29 1.51 0.00	47.85 1.43 0.00	46.08 1.25 0.00	34.24 0.86 0.00
RUSSELL___1 23602	31.77 -0.74 0.00	28.39 -0.67 0.00	26.85 -0.61 0.00	27.09 -0.72 0.00	30.21 -0.63 0.00	30.97 -0.50 0.00	41.44 -0.72 0.00	42.58 -0.46 0.00	41.81 -0.35 0.00	38.77 -0.15 0.00	37.73 0.25 0.00	33.98 0.06 0.00	29.65 -0.05 0.00	27.17 -0.09 0.00	29.89 -0.08 0.00	36.52 -0.08 0.00	40.80 -0.28 0.00	43.53 -0.51 0.00	46.23 -0.85 0.00	46.49 -1.11 0.00	44.83 -0.95 0.00	45.58 -0.84 0.00	44.14 -0.68 0.00	32.98 -0.40 0.00
RUSSELL___2 23532	31.77 -0.74 0.00	28.39 -0.67 0.00	26.85 -0.61 0.00	27.09 -0.72 0.00	30.21 -0.63 0.00	30.97 -0.50 0.00	41.44 -0.72 0.00	42.58 -0.46 0.00	41.81 -0.35 0.00	38.77 -0.15 0.00	37.73 0.25 0.00	33.98 0.06 0.00	29.65 -0.05 0.00	27.17 -0.09 0.00	29.89 -0.08 0.00	36.52 -0.08 0.00	40.80 -0.28 0.00	43.53 -0.51 0.00	46.23 -0.85 0.00	46.49 -1.11 0.00	44.83 -0.95 0.00	45.58 -0.84 0.00	44.14 -0.68 0.00	32.98 -0.40 0.00
RUSSELL___3 23549	31.77 -0.74 0.00	28.39 -0.67 0.00	26.85 -0.61 0.00	27.09 -0.72 0.00	30.21 -0.63 0.00	30.97 -0.50 0.00	41.44 -0.72 0.00	42.58 -0.46 0.00	41.81 -0.35 0.00	38.77 -0.15 0.00	37.73 0.25 0.00	33.98 0.06 0.00	29.65 -0.05 0.00	27.17 -0.09 0.00	29.89 -0.08 0.00	36.52 -0.08 0.00	40.80 -0.28 0.00	43.53 -0.51 0.00	46.23 -0.85 0.00	46.49 -1.11 0.00	44.83 -0.95 0.00	45.58 -0.84 0.00	44.14 -0.68 0.00	32.98 -0.40 0.00
RUSSELL___4 23556	31.77 -0.74 0.00	28.39 -0.67 0.00	26.85 -0.61 0.00	27.09 -0.72 0.00	30.21 -0.63 0.00	30.97 -0.50 0.00	41.44 -0.72 0.00	42.58 -0.46 0.00	41.81 -0.35 0.00	38.77 -0.15 0.00	37.73 0.25 0.00	33.98 0.06 0.00	29.65 -0.05 0.00	27.17 -0.09 0.00	29.89 -0.08 0.00	36.52 -0.08 0.00	40.80 -0.28 0.00	43.53 -0.51 0.00	46.23 -0.85 0.00	46.49 -1.11 0.00	44.83 -0.95 0.00	45.58 -0.84 0.00	44.14 -0.68 0.00	32.98 -0.40 0.00
RUSSELL___STATION 23914	31.77 -0.74 0.00	28.39 -0.67 0.00	26.85 -0.61 0.00	27.09 -0.72 0.00	30.21 -0.63 0.00	30.97 -0.50 0.00	41.44 -0.72 0.00	42.58 -0.46 0.00	41.81 -0.35 0.00	38.77 -0.15 0.00	37.73 0.25 0.00	33.98 0.06 0.00	29.65 -0.05 0.00	27.17 -0.09 0.00	29.89 -0.08 0.00	36.52 -0.08 0.00	40.80 -0.28 0.00	43.53 -0.51 0.00	46.23 -0.85 0.00	46.49 -1.11 0.00	44.83 -0.95 0.00	45.58 -0.84 0.00	44.14 -0.68 0.00	32.98 -0.40 0.00
S SALMON___HYD 24043	31.59 -0.92 0.00	28.23 -0.83 0.00	26.68 -0.78 0.00	27.03 -0.78 0.00	30.03 -0.82 0.00	30.63 -0.84 0.00	41.23 -0.93 0.00	42.17 -0.87 0.00	41.38 -0.78 0.00	38.15 -0.76 0.00	36.65 -0.84 0.00	33.18 -0.74 0.00	29.04 -0.65 0.00	26.58 -0.67 0.00	29.22 -0.75 0.00	35.59 -1.02 0.00	39.83 -1.25 0.00	42.78 -1.25 0.00	45.78 -1.30 0.00	46.37 -1.23 0.00	44.67 -1.11 0.00	45.24 -1.18 0.00	43.77 -1.05 0.00	32.67 -0.72 0.00
S.PERRY__115KV_TB1 80734	31.97 -0.54 0.00	28.57 -0.48 0.00	27.03 -0.44 -0.01	27.52 -0.54 -0.25	30.51 -0.34 0.00	31.29 -0.19 0.00	42.02 -0.14 0.00	48.80 0.25 -5.51	45.86 0.27 -3.44	39.19 0.27 0.00	37.84 0.35 0.00	33.93 0.01 0.00	29.64 -0.06 0.00	27.16 -0.09 0.00	29.77 -0.19 0.00	36.59 -0.01 0.00	41.02 -0.06 0.00	43.70 -0.33 0.00	48.61 -0.37 -1.91	47.21 -0.39 0.00	45.72 -0.06 0.00	46.62 0.20 0.00	45.12 0.29 0.00	33.71 0.33 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.39 -2.12 0.00	27.14 -1.92 0.00	25.70 -1.76 0.00	25.77 -1.96 0.08	28.99 -1.86 0.00	29.77 -1.71 0.00	39.61 -2.55 0.00	39.06 -2.23 1.76	39.00 -2.06 1.10	37.28 -1.63 0.00	36.64 -0.84 0.00	32.86 -1.06 0.00	28.60 -1.10 0.00	26.18 -1.07 0.00	28.84 -1.13 0.00	35.26 -1.34 0.00	39.09 -1.99 0.00	41.49 -2.55 0.00	43.46 -3.00 0.61	44.44 -3.16 0.00	42.95 -2.83 0.00	43.94 -2.48 0.00	42.91 -1.90 0.00	32.28 -1.11 0.00

SAWYER___23_KV_LOAD 55526	30.39 -2.12 0.00	27.14 -1.92 0.00	25.70 -1.76 0.00	25.77 -1.96 0.08	28.99 -1.86 0.00	29.77 -1.71 0.00	39.61 -2.55 0.00	39.06 -2.23 1.76	39.00 -2.06 1.10	37.28 -1.63 0.00	36.64 -0.84 0.00	32.86 -1.06 0.00	28.60 -1.10 0.00	26.18 -1.07 0.00	28.84 -1.13 0.00	35.26 -1.34 0.00	39.09 -1.99 0.00	41.49 -2.55 0.00	43.46 -3.00 0.61	44.44 -3.16 0.00	42.95 -2.83 0.00	43.94 -2.48 0.00	42.91 -1.90 0.00	32.28 -1.11 0.00
SELKIRK___I 23801	33.33 0.82 0.00	29.84 0.78 0.00	28.21 0.74 0.00	28.59 0.78 0.00	31.68 0.83 0.00	32.32 0.85 0.00	43.24 1.08 0.00	43.85 0.81 0.00	42.94 0.79 0.00	39.65 0.73 0.00	38.00 0.52 0.00	34.37 0.46 0.00	30.15 0.46 0.00	27.66 0.41 0.00	30.40 0.44 0.00	37.18 0.58 0.00	41.88 0.80 0.00	44.96 0.93 0.00	48.20 1.12 0.00	48.86 1.26 0.00	47.02 1.24 0.00	47.57 1.16 0.00	45.81 0.99 0.00	34.12 0.74 0.00
SELKIRK___II 23799	33.22 0.71 0.00	29.73 0.67 0.00	28.10 0.63 0.00	28.48 0.67 0.00	31.56 0.71 0.00	32.19 0.72 0.00	43.06 0.90 0.00	43.70 0.66 0.00	42.83 0.67 0.00	39.54 0.63 0.00	37.94 0.46 0.00	34.37 0.45 0.00	30.16 0.47 0.00	27.70 0.45 0.00	30.37 0.41 0.00	37.19 0.59 0.00	41.82 0.75 0.00	44.88 0.84 0.00	48.08 1.00 0.00	48.72 1.12 0.00	46.88 1.10 0.00	47.42 1.00 0.00	45.66 0.84 0.00	33.99 0.60 0.00
SENECA OSWGO___HYD 24041	31.78 -0.73 0.00	28.39 -0.66 0.00	26.86 -0.60 0.00	27.23 -0.58 0.00	30.23 -0.62 0.00	30.82 -0.66 0.00	41.24 -0.91 0.00	42.19 -0.84 0.00	41.35 -0.81 0.00	38.18 -0.73 0.00	36.81 -0.68 0.00	33.30 -0.62 0.00	29.19 -0.50 0.00	26.79 -0.47 0.00	29.43 -0.54 0.00	35.90 -0.70 0.00	40.30 -0.78 0.00	43.17 -0.87 0.00	46.12 -0.95 0.00	46.60 -1.00 0.00	44.85 -0.93 0.00	45.42 -1.00 0.00	43.81 -1.01 0.00	32.63 -0.75 0.00
SENECA___115KV_TB3 355854	30.73 -1.78 0.00	27.42 -1.64 0.00	25.97 -1.49 0.00	26.06 -1.67 0.08	29.32 -1.52 0.00	30.11 -1.36 0.00	40.11 -2.05 0.00	39.59 -1.64 1.82	39.49 -1.53 1.14	37.73 -1.18 0.00	37.03 -0.45 0.00	33.23 -0.69 0.00	28.94 -0.76 0.00	26.48 -0.78 0.00	29.14 -0.82 0.00	35.64 -0.96 0.00	39.57 -1.51 0.00	42.01 -2.03 0.00	44.03 -2.41 0.63	45.05 -2.55 0.00	43.56 -2.22 0.00	44.57 -1.85 0.00	43.49 -1.33 0.00	32.70 -0.69 0.00
SENECA___ENERGY 23797	32.08 -0.43 0.00	28.65 -0.40 0.00	27.15 -0.32 0.00	27.46 -0.36 -0.02	30.50 -0.35 0.00	31.21 -0.26 0.00	41.86 -0.29 0.00	43.40 -0.02 -0.38	42.37 -0.03 -0.23	38.92 0.01 0.00	37.72 0.23 0.00	34.02 0.10 0.00	29.74 0.04 0.00	27.22 -0.04 0.00	29.91 -0.05 0.00	36.56 -0.04 0.00	41.05 -0.03 0.00	43.89 -0.15 0.00	46.97 -0.23 -0.13	47.25 -0.35 0.00	45.57 -0.21 0.00	46.14 -0.27 0.00	44.58 -0.24 0.00	33.19 -0.20 0.00
SHOEMAKER___GT 23640	33.79 1.28 0.00	30.19 1.14 0.00	28.54 1.07 0.00	28.93 1.12 0.00	32.15 1.30 0.00	32.81 1.34 0.00	44.00 1.85 0.00	44.98 1.95 0.00	43.90 1.74 0.00	40.46 1.55 0.00	38.89 1.40 0.00	35.25 1.33 0.00	29.08 1.17 1.78	10.78 1.04 17.51	31.12 1.16 0.00	38.15 1.55 0.00	42.91 1.83 0.00	46.03 2.00 0.00	49.34 2.26 0.00	49.99 2.39 0.00	48.08 2.30 0.00	48.54 2.12 0.00	46.71 1.88 0.00	34.71 1.32 0.00
SHOEMAKR_138KV_BK 111 55601	33.77 1.26 0.00	30.17 1.11 0.00	28.52 1.06 0.00	28.92 1.11 0.00	32.14 1.30 0.00	32.79 1.32 0.00	43.99 1.83 0.00	44.98 1.94 0.00	43.90 1.74 0.00	40.46 1.54 0.00	38.89 1.40 0.00	35.25 1.33 0.00	29.13 1.17 1.73	11.31 1.05 16.99	31.12 1.16 0.00	38.15 1.55 0.00	42.92 1.84 0.00	46.03 2.00 0.00	49.34 2.26 0.00	49.98 2.38 0.00	48.08 2.30 0.00	48.52 2.10 0.00	46.69 1.87 0.00	34.69 1.30 0.00
SHOREHAM_IC_1 23715	34.63 2.38 0.26	30.89 1.84 0.00	29.17 1.70 0.00	29.55 1.74 0.00	32.71 1.93 0.06	32.66 2.06 0.88	44.84 3.00 0.31	45.88 3.20 0.36	44.09 2.07 0.14	39.63 1.78 1.06	38.21 1.62 0.90	34.38 1.98 1.52	31.86 1.69 -0.48	43.14 1.49 -14.39	30.23 1.58 1.31	38.31 1.71 0.00	43.04 1.96 0.00	46.79 2.76 0.00	50.38 3.31 0.00	51.28 3.68 0.00	48.94 3.16 0.00	49.81 3.39 0.00	47.63 2.81 0.00	34.99 1.75 0.15
SHOREHAM_IC_2 23716	34.63 2.38 0.26	30.89 1.84 0.00	29.17 1.70 0.00	29.55 1.74 0.00	32.71 1.93 0.06	32.66 2.06 0.88	44.84 3.00 0.31	45.88 3.20 0.36	44.09 2.07 0.14	39.63 1.78 1.06	38.21 1.62 0.90	34.38 1.98 1.52	31.86 1.69 -0.48	43.14 1.49 -14.39	30.23 1.58 1.31	38.31 1.71 0.00	43.04 1.96 0.00	46.79 2.76 0.00	50.38 3.31 0.00	51.28 3.68 0.00	48.94 3.16 0.00	49.81 3.39 0.00	47.63 2.81 0.00	34.99 1.75 0.15
SISSONVILLE____ 23735	31.65 -0.86 0.00	28.26 -0.80 0.00	26.66 -0.81 0.00	26.94 -0.87 0.00	29.88 -0.97 0.00	32.74 -0.89 -2.16	41.93 -1.02 -0.79	50.64 -1.05 -8.65	51.55 -0.90 -10.29	47.86 -0.82 -9.76	46.27 -0.77 -9.55	42.14 -0.77 -8.99	37.19 -0.81 -8.30	34.48 -0.68 -7.90	37.58 -0.74 -8.35	44.91 -1.11 -9.43	49.82 -1.39 -10.13	46.07 -1.30 -3.33	45.53 -1.55 0.00	45.93 -1.68 0.00	44.12 -1.66 0.00	46.81 -1.44 -1.83	54.74 -0.84 -10.76	35.01 -0.57 -2.19
SITHE_IND_GS1 24169	31.56 -0.96 0.00	28.21 -0.85 0.00	26.68 -0.79 0.00	27.01 -0.80 0.00	29.96 -0.89 0.00	30.51 -0.97 0.00	40.76 -1.40 0.00	41.68 -1.36 0.00	40.84 -1.31 0.00	37.71 -1.20 0.00	36.39 -1.10 0.00	32.93 -0.99 0.00	28.86 -0.84 0.00	26.49 -0.76 0.00	29.11 -0.85 0.00	35.50 -1.10 0.00	39.82 -1.26 0.00	42.63 -1.41 0.00	45.54 -1.54 0.00	46.00 -1.60 0.00	44.27 -1.51 0.00	44.87 -1.55 0.00	43.33 -1.50 0.00	32.29 -1.09 0.00
SITHE_IND_GS2 24170	31.56 -0.96 0.00	28.21 -0.85 0.00	26.68 -0.79 0.00	27.01 -0.80 0.00	29.96 -0.89 0.00	30.51 -0.97 0.00	40.76 -1.40 0.00	41.68 -1.36 0.00	40.84 -1.31 0.00	37.71 -1.20 0.00	36.39 -1.10 0.00	32.93 -0.99 0.00	28.86 -0.84 0.00	26.49 -0.76 0.00	29.11 -0.85 0.00	35.50 -1.10 0.00	39.82 -1.26 0.00	42.63 -1.41 0.00	45.54 -1.54 0.00	46.00 -1.60 0.00	44.27 -1.51 0.00	44.87 -1.55 0.00	43.33 -1.50 0.00	32.29 -1.09 0.00
SITHE_IND_GS3 24171	31.56 -0.96 0.00	28.21 -0.85 0.00	26.68 -0.79 0.00	27.01 -0.80 0.00	29.96 -0.89 0.00	30.51 -0.97 0.00	40.76 -1.40 0.00	41.68 -1.36 0.00	40.84 -1.31 0.00	37.71 -1.20 0.00	36.39 -1.10 0.00	32.93 -0.99 0.00	28.86 -0.84 0.00	26.49 -0.76 0.00	29.11 -0.85 0.00	35.50 -1.10 0.00	39.82 -1.26 0.00	42.63 -1.41 0.00	45.54 -1.54 0.00	46.00 -1.60 0.00	44.27 -1.51 0.00	44.87 -1.55 0.00	43.33 -1.50 0.00	32.29 -1.09 0.00
SITHE_IND_GS4 24172	31.56 -0.96 0.00	28.21 -0.85 0.00	26.68 -0.79 0.00	27.01 -0.80 0.00	29.96 -0.89 0.00	30.51 -0.97 0.00	40.76 -1.40 0.00	41.68 -1.36 0.00	40.84 -1.31 0.00	37.71 -1.20 0.00	36.39 -1.10 0.00	32.93 -0.99 0.00	28.86 -0.84 0.00	26.49 -0.76 0.00	29.11 -0.85 0.00	35.50 -1.10 0.00	39.82 -1.26 0.00	42.63 -1.41 0.00	45.54 -1.54 0.00	46.00 -1.60 0.00	44.27 -1.51 0.00	44.87 -1.55 0.00	43.33 -1.50 0.00	32.29 -1.09 0.00

SITHE___BATAVIA 24024	31.41 -1.10 0.00	28.06 -0.99 0.00	26.60 -0.87 0.00	26.73 -1.04 0.04	30.03 -0.81 0.00	30.87 -0.60 0.00	41.22 -0.94 0.00	41.57 -0.55 0.92	41.16 -0.41 0.58	38.78 -0.13 0.00	37.99 0.50 0.00	34.12 0.20 0.00	29.65 -0.04 0.00	27.17 -0.09 0.00	29.90 -0.06 0.00	36.50 -0.10 0.00	40.52 -0.56 0.00	43.17 -0.87 0.00	45.49 -1.26 0.32	46.17 -1.43 0.00	44.61 -1.17 0.00	45.44 -0.98 0.00	44.21 -0.61 0.00	33.12 -0.26 0.00
SITHE___INDEPEND 23800	31.56 -0.95 0.00	28.21 -0.84 0.00	26.68 -0.78 0.00	27.01 -0.80 0.00	29.96 -0.89 0.00	30.51 -0.96 0.00	40.76 -1.40 0.00	41.68 -1.36 0.00	40.84 -1.31 0.00	37.71 -1.20 0.00	36.39 -1.10 0.00	32.93 -0.99 0.00	28.86 -0.84 0.00	26.48 -0.77 0.00	29.11 -0.85 0.00	35.50 -1.10 0.00	39.82 -1.26 0.00	42.63 -1.41 0.00	45.54 -1.54 0.00	46.01 -1.60 0.00	44.27 -1.51 0.00	44.87 -1.54 0.00	43.33 -1.50 0.00	32.29 -1.09 0.00
SITHE___MASSENA 23902	32.50 -0.01 0.00	29.01 -0.04 0.00	27.40 -0.06 0.00	27.69 -0.12 0.00	30.69 -0.16 0.00	31.88 -0.10 -0.51	42.27 -0.08 -0.19	44.94 -0.13 -2.03	44.55 -0.03 -2.42	41.23 0.02 -2.30	39.82 0.09 -2.25	36.09 0.05 -2.12	31.59 -0.06 -1.95	29.06 -0.06 -1.86	31.88 -0.05 -1.97	38.71 -0.10 -2.22	43.24 -0.22 -2.38	44.64 -0.18 -0.78	46.71 -0.37 0.00	47.08 -0.52 0.00	45.21 -0.57 0.00	46.52 -0.33 -0.43	47.52 0.16 -2.53	34.09 0.20 -0.52
SITHE___OGDNSBRG 24021	32.74 0.23 0.00	29.23 0.17 0.00	27.59 0.12 0.00	27.87 0.06 0.00	30.90 0.05 0.00	33.19 0.19 -1.52	43.16 0.45 -0.55	49.58 0.46 -6.08	49.91 0.52 -7.23	46.24 0.46 -6.86	44.70 0.50 -6.71	40.60 0.36 -6.32	35.64 0.11 -5.84	32.93 0.12 -5.55	35.96 0.12 -5.87	43.19 -0.04 -6.63	47.99 -0.21 -7.12	46.42 0.05 -2.34	46.97 -0.11 0.00	47.53 -0.07 0.00	45.71 -0.07 0.00	47.89 0.19 -1.29	53.08 0.69 -7.57	35.49 0.56 -1.54
SITHE___STERLING 23777	33.06 0.55 0.00	29.55 0.49 0.00	27.91 0.45 0.00	28.25 0.44 0.00	31.38 0.54 0.00	32.10 0.62 0.00	43.22 1.06 0.00	44.24 1.20 0.00	43.38 1.22 0.00	39.91 0.99 0.00	38.38 0.90 0.00	34.68 0.75 0.00	30.35 0.65 0.00	27.85 0.60 0.00	30.67 0.70 0.00	37.49 0.89 0.00	42.20 1.12 0.00	45.26 1.23 0.00	48.39 1.31 0.00	48.93 1.33 0.00	47.10 1.32 0.00	47.64 1.22 0.00	45.94 1.12 0.00	34.12 0.73 0.00
SLEIGHT__34_KV_TB1 80719	31.77 -0.74 0.00	28.38 -0.67 0.00	26.85 -0.62 0.00	27.14 -0.67 0.00	30.19 -0.66 0.00	30.94 -0.53 0.00	41.47 -0.69 0.00	42.58 -0.46 0.00	41.76 -0.40 0.00	38.67 -0.24 0.00	37.53 0.04 0.00	33.85 -0.07 0.00	29.56 -0.14 0.00	27.05 -0.21 0.00	29.77 -0.19 0.00	36.37 -0.23 0.00	40.74 -0.34 0.00	43.52 -0.52 0.00	46.30 -0.78 0.00	46.67 -0.93 0.00	44.95 -0.83 0.00	45.61 -0.81 0.00	44.07 -0.75 0.00	32.84 -0.54 0.00
SOUTH CAIRO___GT 23612	34.10 1.59 0.00	30.50 1.44 0.00	28.83 1.36 0.00	29.22 1.41 0.00	32.39 1.55 0.00	33.11 1.64 0.00	44.42 2.26 0.00	45.05 2.01 0.00	44.25 2.09 0.00	40.88 1.96 0.00	39.06 1.57 0.00	35.15 1.24 0.00	30.65 0.95 0.00	28.00 0.74 0.00	30.73 0.77 0.00	37.60 1.00 0.00	42.48 1.40 0.00	45.99 1.96 0.00	49.79 2.71 0.00	50.62 3.02 0.00	48.68 2.90 0.00	49.15 2.74 0.00	47.18 2.36 0.00	35.06 1.68 0.00
SOUTH HAMPTN___IC 23720	34.50 2.25 0.26	30.77 1.72 0.00	29.05 1.58 0.00	29.44 1.63 0.00	32.59 1.81 0.06	32.58 1.98 0.88	44.74 2.89 0.31	45.81 3.12 0.36	44.02 2.01 0.14	39.54 1.68 1.06	38.10 1.51 0.90	34.22 1.82 1.53	31.70 1.54 -0.47	43.00 1.39 -14.35	30.09 1.44 1.32	38.12 1.52 0.00	42.90 1.83 0.00	46.62 2.59 0.00	50.30 3.22 0.00	51.26 3.66 0.00	48.95 3.18 0.00	49.78 3.37 0.00	47.57 2.75 0.00	34.97 1.74 0.15
SOUTHDOW_115KV_TB1 355954	31.88 -0.63 0.00	28.33 -0.73 0.00	26.94 -0.53 0.00	27.26 -0.51 0.04	30.66 -0.19 0.00	31.54 0.07 0.00	42.26 0.10 0.00	43.10 0.98 0.92	42.33 0.75 0.58	39.62 0.70 0.00	38.83 1.34 0.00	34.80 0.88 0.00	30.34 0.64 0.00	27.70 0.45 0.00	30.37 0.41 0.00	37.21 0.61 0.00	41.67 0.59 0.00	44.29 0.25 0.00	47.12 0.36 0.32	47.67 0.07 0.00	46.08 0.29 0.00	47.18 0.76 0.00	46.22 1.40 0.00	34.68 1.30 0.00
SOUTHOLD_69_KV_BK 2 55809	34.12 1.87 0.26	30.40 1.34 0.00	28.69 1.22 0.00	29.09 1.28 0.00	32.20 1.42 0.06	32.19 1.60 0.88	44.32 2.47 0.31	45.34 2.66 0.36	43.56 1.54 0.14	39.08 1.23 1.06	37.62 1.04 0.90	33.76 1.37 1.53	31.27 1.10 -0.47	42.65 1.03 -14.36	29.65 1.01 1.32	37.59 1.00 0.00	42.37 1.30 0.00	46.07 2.04 0.00	49.78 2.70 0.00	50.81 3.21 0.00	48.52 2.75 0.00	49.31 2.89 0.00	47.11 2.29 0.00	34.64 1.41 0.15
SOUTHOLD___IC 23719	34.10 1.85 0.26	30.40 1.34 0.00	28.69 1.22 0.00	29.09 1.28 0.00	32.20 1.42 0.06	32.21 1.61 0.88	44.27 2.42 0.31	45.34 2.66 0.36	43.55 1.54 0.14	39.08 1.23 1.06	37.62 1.04 0.90	33.76 1.37 1.53	31.27 1.10 -0.47	42.64 1.02 -14.36	29.66 1.01 1.32	37.60 1.00 0.00	42.37 1.29 0.00	46.07 2.04 0.00	49.79 2.71 0.00	50.81 3.22 0.00	48.51 2.74 0.00	49.31 2.90 0.00	47.11 2.29 0.00	34.64 1.40 0.15
SOUTH_FORK_WT_PWR 323839	33.54 1.29 0.26	29.89 0.83 0.00	28.20 0.73 0.00	28.60 0.79 0.00	31.65 0.86 0.06	31.67 1.07 0.88	43.54 1.69 0.31	44.57 1.89 0.36	42.81 0.79 0.14	38.37 0.51 1.06	36.93 0.34 0.90	33.12 0.73 1.53	30.71 0.54 -0.47	42.12 0.51 -14.36	29.09 0.45 1.32	36.92 0.32 0.00	41.61 0.53 0.00	45.26 1.23 0.00	48.96 1.88 0.00	49.98 2.38 0.00	47.71 1.93 0.00	48.49 2.08 0.00	46.31 1.49 0.00	34.06 0.83 0.15
SPIERFLS_115KV_TB 1 80737	34.05 1.54 0.00	30.47 1.41 0.00	28.80 1.33 0.00	29.19 1.38 0.00	32.34 1.49 0.00	33.04 1.57 0.00	44.57 2.41 0.00	45.28 2.24 0.00	44.22 2.06 0.00	40.83 1.92 0.00	39.13 1.64 0.00	35.25 1.33 0.00	30.82 1.13 0.00	28.43 1.18 0.00	31.57 1.61 0.00	38.36 1.76 0.00	43.30 2.23 0.00	46.59 2.55 0.00	49.99 2.92 0.00	50.75 3.15 0.00	48.79 3.00 0.00	49.20 2.79 0.00	47.13 2.31 0.00	34.93 1.54 0.00
ST LAWRENCE____ 23600	32.19 -0.33 0.00	28.74 -0.32 0.00	27.14 -0.33 0.00	27.43 -0.38 0.00	30.38 -0.46 0.00	31.05 -0.43 0.00	41.62 -0.54 0.00	42.43 -0.61 0.00	41.65 -0.51 0.00	38.48 -0.44 0.00	37.15 -0.34 0.00	33.60 -0.32 0.00	29.33 -0.36 0.00	26.91 -0.35 0.00	29.59 -0.37 0.00	36.14 -0.46 0.00	40.47 -0.61 0.00	43.44 -0.59 0.00	46.37 -0.70 0.00	46.81 -0.79 0.00	44.93 -0.85 0.00	45.77 -0.65 0.00	44.45 -0.37 0.00	33.19 -0.20 0.00
STATE_CA_115KV_115_LB 55624	33.34 0.83 0.00	29.86 0.80 0.00	28.22 0.75 0.00	28.60 0.79 0.00	31.67 0.83 0.00	32.31 0.84 0.00	43.21 1.06 0.00	43.73 0.69 0.00	42.91 0.75 0.00	39.66 0.74 0.00	37.97 0.48 0.00	34.43 0.51 0.00	30.24 0.54 0.00	27.81 0.56 0.00	30.40 0.44 0.00	37.34 0.74 0.00	42.02 0.94 0.00	45.11 1.07 0.00	48.28 1.20 0.00	48.91 1.31 0.00	47.04 1.25 0.00	47.55 1.14 0.00	45.75 0.92 0.00	34.07 0.68 0.00

STATE_ST_34_KV_LOAD 55959	32.56 0.05 0.00	29.09 0.04 0.00	27.53 0.07 0.00	27.89 0.08 0.00	30.88 0.03 0.00	31.63 0.16 0.00	42.39 0.23 0.00	43.47 0.43 0.00	42.55 0.40 0.00	39.27 0.36 0.00	37.98 0.49 0.00	34.31 0.40 0.00	30.01 0.31 0.00	27.48 0.22 0.00	30.24 0.27 0.00	36.95 0.35 0.00	41.50 0.42 0.00	44.41 0.37 0.00	47.29 0.21 0.00	47.86 0.26 0.00	46.12 0.34 0.00	46.66 0.25 0.00	45.04 0.22 0.00	33.42 0.04 0.00
STATION 5_MISC_HYD 23604	31.62 -0.89 0.00	28.24 -0.82 0.00	26.72 -0.75 0.00	26.96 -0.85 0.00	30.07 -0.78 0.00	30.82 -0.66 0.00	41.21 -0.95 0.00	42.36 -0.68 0.00	41.60 -0.56 0.00	38.56 -0.36 0.00	37.54 0.05 0.00	33.81 -0.11 0.00	29.50 -0.19 0.00	27.04 -0.22 0.00	29.74 -0.23 0.00	36.34 -0.26 0.00	40.57 -0.51 0.00	43.27 -0.76 0.00	45.96 -1.11 0.00	46.22 -1.38 0.00	44.57 -1.21 0.00	45.32 -1.10 0.00	43.91 -0.91 0.00	32.82 -0.57 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.95 -0.56 0.00	28.54 -0.52 0.00	26.99 -0.48 0.00	27.28 -0.53 0.00	30.39 -0.46 0.00	31.13 -0.34 0.00	41.71 -0.46 0.00	42.86 -0.19 0.00	42.01 -0.15 0.00	38.85 -0.06 0.00	37.75 0.26 0.00	34.05 0.13 0.00	29.74 0.05 0.00	27.23 -0.02 0.00	29.95 -0.01 0.00	36.61 0.01 0.00	40.88 -0.20 0.00	43.62 -0.42 0.00	46.45 -0.63 0.00	46.75 -0.85 0.00	45.08 -0.70 0.00	45.73 -0.68 0.00	44.24 -0.58 0.00	33.02 -0.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.49 -1.02 0.00	28.14 -0.92 0.00	26.60 -0.86 0.00	26.86 -0.95 0.00	29.94 -0.91 0.00	30.68 -0.79 0.00	41.03 -1.13 0.00	42.15 -0.89 0.00	41.42 -0.74 0.00	38.40 -0.52 0.00	37.35 -0.14 0.00	33.65 -0.27 0.00	29.37 -0.33 0.00	26.91 -0.35 0.00	29.60 -0.36 0.00	36.17 -0.43 0.00	40.41 -0.67 0.00	43.12 -0.91 0.00	45.80 -1.27 0.00	46.05 -1.55 0.00	44.40 -1.38 0.00	45.13 -1.28 0.00	43.71 -1.11 0.00	32.66 -0.73 0.00
STA_56___34_KV_BUS2 355983	31.49 -1.02 0.00	28.14 -0.92 0.00	26.60 -0.86 0.00	26.86 -0.95 0.00	29.94 -0.91 0.00	30.68 -0.79 0.00	41.03 -1.13 0.00	42.15 -0.89 0.00	41.42 -0.74 0.00	38.40 -0.52 0.00	37.35 -0.14 0.00	33.65 -0.27 0.00	29.37 -0.33 0.00	26.91 -0.35 0.00	29.60 -0.36 0.00	36.17 -0.43 0.00	40.41 -0.67 0.00	43.12 -0.91 0.00	45.80 -1.27 0.00	46.05 -1.55 0.00	44.40 -1.38 0.00	45.13 -1.28 0.00	43.71 -1.11 0.00	32.66 -0.73 0.00
STA_67___115KV_BK2 355882	31.55 -0.96 0.00	28.20 -0.86 0.00	26.67 -0.79 0.00	26.91 -0.90 0.00	30.01 -0.84 0.00	30.75 -0.72 0.00	41.11 -1.05 0.00	42.25 -0.79 0.00	41.48 -0.68 0.00	38.47 -0.44 0.00	37.44 -0.05 0.00	33.72 -0.20 0.00	29.42 -0.27 0.00	26.96 -0.30 0.00	29.65 -0.31 0.00	36.24 -0.36 0.00	40.46 -0.61 0.00	43.17 -0.86 0.00	45.84 -1.23 0.00	46.09 -1.51 0.00	44.45 -1.33 0.00	45.21 -1.21 0.00	43.81 -1.01 0.00	32.75 -0.63 0.00
STA_7___115KV_9TRANS 80674	31.77 -0.74 0.00	28.39 -0.67 0.00	26.85 -0.61 0.00	27.09 -0.72 0.00	30.21 -0.63 0.00	30.97 -0.50 0.00	41.44 -0.72 0.00	42.58 -0.46 0.00	41.81 -0.35 0.00	38.77 -0.15 0.00	37.73 0.25 0.00	33.98 0.06 0.00	29.65 -0.05 0.00	27.17 -0.09 0.00	29.89 -0.08 0.00	36.52 -0.08 0.00	40.80 -0.28 0.00	43.53 -0.51 0.00	46.23 -0.85 0.00	46.49 -1.11 0.00	44.83 -0.95 0.00	45.58 -0.84 0.00	44.14 -0.68 0.00	32.98 -0.40 0.00
STA_82___115KV_TB1 80780	31.55 -0.97 0.00	28.20 -0.86 0.00	26.66 -0.80 0.00	26.90 -0.91 0.00	30.00 -0.84 0.00	30.75 -0.72 0.00	41.11 -1.05 0.00	42.24 -0.80 0.00	41.48 -0.68 0.00	38.46 -0.45 0.00	37.44 -0.05 0.00	33.72 -0.20 0.00	29.42 -0.28 0.00	26.95 -0.30 0.00	29.65 -0.32 0.00	36.23 -0.37 0.00	40.47 -0.61 0.00	43.17 -0.86 0.00	45.84 -1.23 0.00	46.09 -1.51 0.00	44.45 -1.33 0.00	45.21 -1.21 0.00	43.81 -1.01 0.00	32.75 -0.63 0.00
STEEL___WIND 323596	30.67 -1.84 0.00	27.34 -1.72 0.00	25.92 -1.54 0.00	26.00 -1.73 0.08	29.26 -1.58 0.00	30.04 -1.43 0.00	40.02 -2.14 0.00	39.52 -1.70 1.82	39.42 -1.60 1.14	37.62 -1.30 0.00	36.96 -0.53 0.00	33.16 -0.76 0.00	28.88 -0.82 0.00	26.42 -0.84 0.00	29.10 -0.87 0.00	35.56 -1.04 0.00	39.48 -1.59 0.00	41.91 -2.13 0.00	43.93 -2.51 0.63	44.95 -2.65 0.00	43.48 -2.30 0.00	44.51 -1.91 0.00	43.45 -1.38 0.00	32.66 -0.72 0.00
STEPHTWN_115KV_BK_2 55603	33.52 1.01 0.00	29.99 0.93 0.00	28.35 0.88 0.00	28.73 0.92 0.00	31.84 1.00 0.00	32.51 1.03 0.00	43.48 1.32 0.00	44.08 1.04 0.00	43.25 1.09 0.00	39.93 1.01 0.00	37.86 0.37 0.00	34.28 0.36 0.00	30.14 0.44 0.00	27.92 0.66 0.00	30.50 0.53 0.00	37.47 0.87 0.00	42.30 1.23 0.00	45.42 1.38 0.00	48.76 1.69 0.00	49.47 1.87 0.00	47.50 1.72 0.00	48.05 1.63 0.00	46.15 1.33 0.00	34.36 0.98 0.00
STEUBEN_REC_LFGE 323667	30.51 -2.00 0.00	27.43 -1.62 0.00	25.94 -1.53 -0.01	26.28 -1.69 -0.16	29.27 -1.58 0.00	29.83 -1.64 0.00	39.97 -2.19 0.00	44.89 -1.73 -3.58	42.59 -1.80 -2.23	37.17 -1.74 0.00	36.05 -1.44 0.00	32.32 -1.60 0.00	28.24 -1.45 0.00	25.85 -1.41 0.00	28.37 -1.60 0.00	34.71 -1.89 0.00	38.83 -2.25 0.00	41.47 -2.57 0.00	45.72 -2.59 -1.24	45.06 -2.54 0.00	43.77 -2.02 0.00	44.73 -1.69 0.00	43.57 -1.25 0.00	32.81 -0.57 0.00
STILLWATER___SOLAR 323814	33.92 1.41 0.00	30.32 1.27 0.00	28.66 1.19 0.00	29.06 1.25 0.00	32.19 1.35 0.00	32.88 1.40 0.00	44.21 2.05 0.00	44.90 1.86 0.00	43.89 1.73 0.00	40.51 1.59 0.00	38.83 1.34 0.00	35.04 1.12 0.00	30.64 0.95 0.00	28.25 0.99 0.00	31.26 1.30 0.00	38.09 1.49 0.00	42.91 1.83 0.00	46.10 2.07 0.00	49.43 2.36 0.00	50.12 2.52 0.00	48.20 2.42 0.00	48.73 2.31 0.00	46.78 1.96 0.00	34.71 1.33 0.00
STONY___BROOK 24151	34.84 2.59 0.26	31.07 2.01 0.00	29.33 1.87 0.00	29.71 1.91 0.00	32.89 2.10 0.06	32.82 2.23 0.88	45.08 3.23 0.31	46.15 3.46 0.36	44.56 2.54 0.14	40.15 2.30 1.06	38.84 2.24 0.89	34.86 2.43 1.50	32.28 2.10 -0.49	43.58 1.88 -14.44	30.65 1.98 1.30	38.85 2.25 0.00	43.75 2.67 0.00	47.33 3.29 0.00	50.91 3.83 0.00	51.78 4.19 0.00	49.59 3.82 0.00	50.27 3.86 0.00	48.11 3.29 0.00	35.48 2.25 0.14
STURGEON_POOL_HYD 23609	34.14 1.63 0.00	30.51 1.45 0.00	28.84 1.37 0.00	29.24 1.43 0.00	32.48 1.63 0.00	33.15 1.68 0.00	44.54 2.38 0.00	45.57 2.53 0.00	44.46 2.30 0.00	40.95 2.04 0.00	39.41 1.92 0.00	35.72 1.80 0.00	31.25 1.56 0.00	28.70 1.45 0.00	31.56 1.59 0.00	38.64 2.04 0.00	43.48 2.41 0.00	46.65 2.61 0.00	50.01 2.93 0.00	50.69 3.09 0.00	48.76 2.98 0.00	49.19 2.77 0.00	47.30 2.48 0.00	35.11 1.73 0.00
ST_LAW_115_BK7_LBMP 345037	32.19 -0.33 0.00	28.73 -0.32 0.00	27.14 -0.33 0.00	27.42 -0.39 0.00	30.38 -0.46 0.00	31.05 -0.43 0.00	41.62 -0.54 0.00	42.42 -0.62 0.00	41.64 -0.51 0.00	38.48 -0.43 0.00	37.15 -0.34 0.00	33.60 -0.32 0.00	29.33 -0.37 0.00	26.90 -0.36 0.00	29.59 -0.38 0.00	36.13 -0.47 0.00	40.45 -0.63 0.00	43.42 -0.62 0.00	46.33 -0.75 0.00	46.76 -0.84 0.00	44.89 -0.90 0.00	45.76 -0.66 0.00	44.47 -0.35 0.00	33.20 -0.18 0.00

ST_LAW_115_BK8_LBMP 345038	32.19 -0.33 0.00	28.73 -0.32 0.00	27.14 -0.33 0.00	27.42 -0.39 0.00	30.38 -0.46 0.00	31.05 -0.43 0.00	41.62 -0.54 0.00	42.42 -0.62 0.00	41.64 -0.51 0.00	38.48 -0.43 0.00	37.15 -0.34 0.00	33.60 -0.32 0.00	29.33 -0.37 0.00	26.90 -0.36 0.00	29.59 -0.38 0.00	36.13 -0.47 0.00	40.45 -0.63 0.00	43.42 -0.62 0.00	46.33 -0.75 0.00	46.76 -0.84 0.00	44.89 -0.90 0.00	45.76 -0.66 0.00	44.47 -0.35 0.00	33.20 -0.18 0.00
ST_LAW_230_BK5_LBMP 345035	32.19 -0.33 0.00	28.74 -0.32 0.00	27.14 -0.33 0.00	27.43 -0.38 0.00	30.38 -0.46 0.00	31.05 -0.43 0.00	41.62 -0.54 0.00	42.43 -0.61 0.00	41.65 -0.51 0.00	38.48 -0.44 0.00	37.15 -0.34 0.00	33.60 -0.32 0.00	29.33 -0.36 0.00	26.91 -0.35 0.00	29.59 -0.37 0.00	36.14 -0.46 0.00	40.47 -0.61 0.00	43.44 -0.59 0.00	46.37 -0.70 0.00	46.81 -0.79 0.00	44.93 -0.85 0.00	45.77 -0.65 0.00	44.45 -0.37 0.00	33.19 -0.20 0.00
ST_LAW_230_BK6_LBMP 345036	32.19 -0.33 0.00	28.74 -0.32 0.00	27.14 -0.33 0.00	27.43 -0.38 0.00	30.38 -0.46 0.00	31.05 -0.43 0.00	41.62 -0.54 0.00	42.43 -0.61 0.00	41.65 -0.51 0.00	38.48 -0.44 0.00	37.15 -0.34 0.00	33.60 -0.32 0.00	29.33 -0.36 0.00	26.91 -0.35 0.00	29.59 -0.37 0.00	36.14 -0.46 0.00	40.47 -0.61 0.00	43.44 -0.59 0.00	46.37 -0.70 0.00	46.81 -0.79 0.00	44.93 -0.85 0.00	45.77 -0.65 0.00	44.45 -0.37 0.00	33.19 -0.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.88 1.37 0.00	30.28 1.22 0.00	28.61 1.15 0.00	29.01 1.20 0.00	32.26 1.42 0.00	32.91 1.44 0.00	44.18 2.03 0.00	45.23 2.19 0.00	44.11 1.95 0.00	40.65 1.74 0.00	39.09 1.60 0.00	35.41 1.49 0.00	29.05 1.31 1.96	9.20 1.18 19.24	31.27 1.31 0.00	38.35 1.75 0.00	43.18 2.11 0.00	46.31 2.27 0.00	49.63 2.55 0.00	50.26 2.66 0.00	48.31 2.53 0.00	48.74 2.32 0.00	46.87 2.05 0.00	34.82 1.44 0.00
SWANROAD_115KV_TB1 355699	29.81 -2.70 0.00	26.67 -2.39 0.00	25.30 -2.17 0.00	25.36 -2.38 0.06	28.62 -2.23 0.00	29.41 -2.07 0.00	39.01 -3.14 0.00	38.64 -3.03 1.37	38.41 -2.88 0.88	36.58 -2.34 0.00	35.99 -1.50 0.00	32.28 -1.64 0.00	28.04 -1.65 0.00	25.72 -1.54 0.00	28.32 -1.64 0.00	34.60 -2.00 0.00	38.24 -2.84 0.00	40.58 -3.46 0.00	42.52 -4.08 0.48	43.34 -4.26 0.00	41.90 -3.88 0.00	42.88 -3.54 0.00	42.01 -2.82 0.00	31.61 -1.77 0.00
SYNERGY___BIOGAS 323694	31.42 -1.09 0.00	28.08 -0.98 0.00	26.59 -0.87 0.00	26.73 -1.04 0.04	30.04 -0.81 0.00	30.88 -0.59 0.00	41.24 -0.92 0.00	41.53 -0.59 0.92	41.15 -0.42 0.58	38.79 -0.13 0.00	37.99 0.50 0.00	34.10 0.18 0.00	29.65 -0.05 0.00	27.14 -0.11 0.00	29.88 -0.08 0.00	36.48 -0.12 0.00	40.51 -0.56 0.00	43.17 -0.87 0.00	45.49 -1.26 0.32	46.17 -1.43 0.00	44.61 -1.17 0.00	45.44 -0.98 0.00	44.21 -0.62 0.00	33.12 -0.26 0.00
SYRACUSE___ENERGY_ST1 323597	32.31 -0.20 0.00	28.88 -0.18 0.00	27.32 -0.15 0.00	27.66 -0.15 0.00	30.70 -0.15 0.00	31.33 -0.15 0.00	41.94 -0.21 0.00	42.95 -0.09 0.00	42.07 -0.09 0.00	38.84 -0.07 0.00	37.50 0.01 0.00	33.91 -0.01 0.00	29.71 0.02 0.00	27.24 -0.01 0.00	29.95 -0.01 0.00	36.56 -0.05 0.00	41.04 -0.03 0.00	43.93 -0.10 0.00	46.92 -0.15 0.00	47.43 -0.17 0.00	45.65 -0.13 0.00	46.21 -0.21 0.00	44.58 -0.24 0.00	33.17 -0.21 0.00
SYRACUSE___ENERGY_ST2 323598	32.31 -0.20 0.00	28.88 -0.18 0.00	27.32 -0.15 0.00	27.66 -0.15 0.00	30.70 -0.15 0.00	31.33 -0.15 0.00	41.94 -0.21 0.00	42.95 -0.09 0.00	42.07 -0.09 0.00	38.84 -0.07 0.00	37.50 0.01 0.00	33.91 -0.01 0.00	29.71 0.02 0.00	27.24 -0.01 0.00	29.95 -0.01 0.00	36.56 -0.05 0.00	41.04 -0.03 0.00	43.93 -0.10 0.00	46.92 -0.15 0.00	47.43 -0.17 0.00	45.65 -0.13 0.00	46.21 -0.21 0.00	44.58 -0.24 0.00	33.17 -0.21 0.00
SYRACUSE___POWER 24017	32.32 -0.20 0.00	28.88 -0.18 0.00	27.31 -0.15 0.00	27.65 -0.16 0.00	30.71 -0.14 0.00	31.32 -0.15 0.00	41.95 -0.20 0.00	42.97 -0.07 0.00	42.09 -0.07 0.00	38.85 -0.06 0.00	37.50 0.01 0.00	33.92 0.00 0.00	29.72 0.03 0.00	27.25 0.00 0.00	29.96 0.00 0.00	36.57 -0.03 0.00	41.05 -0.02 0.00	43.95 -0.09 0.00	46.96 -0.12 0.00	47.44 -0.16 0.00	45.66 -0.12 0.00	46.23 -0.18 0.00	44.60 -0.23 0.00	33.20 -0.19 0.00
TALLMAN___138KV_BK151 55660	34.07 1.56 0.00	30.44 1.38 0.00	28.77 1.30 0.00	29.18 1.37 0.00	32.47 1.62 0.00	33.11 1.64 0.00	44.47 2.31 0.00	45.54 2.50 0.00	44.38 2.22 0.00	40.90 1.99 0.00	39.32 1.83 0.00	35.63 1.71 0.00	29.87 1.49 1.31	15.69 1.34 12.91	31.46 1.49 0.00	38.62 2.03 0.00	43.52 2.44 0.00	46.66 2.63 0.00	50.00 2.92 0.00	50.62 3.02 0.00	48.66 2.88 0.00	49.04 2.63 0.00	47.14 2.32 0.00	35.01 1.63 0.00
TEALLAVE_115KV_TB7 355573	32.15 -0.36 0.00	28.74 -0.32 0.00	27.18 -0.29 0.00	27.51 -0.30 0.00	30.54 -0.31 0.00	31.16 -0.31 0.00	41.71 -0.45 0.00	42.70 -0.34 0.00	41.85 -0.31 0.00	38.64 -0.27 0.00	37.28 -0.20 0.00	33.73 -0.19 0.00	29.56 -0.14 0.00	27.11 -0.14 0.00	29.80 -0.16 0.00	36.37 -0.23 0.00	40.81 -0.27 0.00	43.68 -0.36 0.00	46.66 -0.42 0.00	47.14 -0.46 0.00	45.37 -0.41 0.00	45.95 -0.47 0.00	44.33 -0.49 0.00	33.01 -0.38 0.00
TELGRAPH_34_KV_EAST 80808	30.63 -1.88 0.00	27.39 -1.67 0.00	25.95 -1.51 0.00	26.06 -1.70 0.05	29.32 -1.52 0.00	30.14 -1.33 0.00	40.09 -2.06 0.00	40.08 -1.81 1.15	39.79 -1.64 0.73	37.69 -1.23 0.00	36.98 -0.50 0.00	33.18 -0.74 0.00	28.85 -0.85 0.00	26.44 -0.82 0.00	29.11 -0.86 0.00	35.55 -1.05 0.00	39.41 -1.67 0.00	41.87 -2.16 0.00	44.03 -2.65 0.40	44.78 -2.82 0.00	43.27 -2.51 0.00	44.20 -2.22 0.00	43.13 -1.69 0.00	32.39 -1.00 0.00
TEMPLE___115KV_TB 2 55572	32.17 -0.34 0.00	28.74 -0.31 0.00	27.18 -0.29 0.00	27.52 -0.29 0.00	30.56 -0.29 0.00	31.17 -0.30 0.00	41.72 -0.44 0.00	42.72 -0.32 0.00	41.86 -0.29 0.00	38.66 -0.26 0.00	37.31 -0.18 0.00	33.75 -0.17 0.00	29.57 -0.12 0.00	27.13 -0.13 0.00	29.82 -0.14 0.00	36.39 -0.21 0.00	40.83 -0.24 0.00	43.71 -0.33 0.00	46.69 -0.39 0.00	47.16 -0.44 0.00	45.39 -0.39 0.00	45.97 -0.44 0.00	44.35 -0.48 0.00	33.02 -0.37 0.00
TIANA____69_KV_BK 1 55817	34.64 2.39 0.26	30.87 1.82 0.00	29.14 1.67 0.00	29.53 1.73 0.00	32.70 1.92 0.06	32.65 2.06 0.88	44.92 3.07 0.31	45.94 3.25 0.36	44.15 2.14 0.14	39.66 1.81 1.06	38.24 1.66 0.90	34.37 1.97 1.53	31.83 1.67 -0.47	43.11 1.50 -14.36	30.21 1.56 1.32	38.28 1.68 0.00	43.08 2.00 0.00	46.79 2.76 0.00	50.46 3.38 0.00	51.40 3.81 0.00	49.11 3.33 0.00	49.93 3.52 0.00	47.75 2.92 0.00	35.09 1.86 0.15
TILDEN___115KV_TB1 80814	32.32 -0.20 0.00	28.88 -0.18 0.00	27.31 -0.15 0.00	27.65 -0.16 0.00	30.71 -0.14 0.00	31.32 -0.15 0.00	41.95 -0.20 0.00	42.97 -0.07 0.00	42.09 -0.07 0.00	38.85 -0.06 0.00	37.50 0.01 0.00	33.92 0.00 0.00	29.72 0.03 0.00	27.25 0.00 0.00	29.96 0.00 0.00	36.57 -0.03 0.00	41.05 -0.02 0.00	43.95 -0.09 0.00	46.96 -0.12 0.00	47.44 -0.16 0.00	45.66 -0.12 0.00	46.23 -0.18 0.00	44.60 -0.23 0.00	33.20 -0.19 0.00

TRIGEN___CC 323695	34.56 2.28 0.23	30.83 1.78 0.00	29.12 1.66 0.00	29.51 1.70 0.00	32.68 1.90 0.06	32.60 2.00 0.88	44.86 3.01 0.31	45.90 3.22 0.36	44.52 2.51 0.14	40.24 2.39 1.06	40.56 2.48 -0.59	39.25 2.44 -2.90	34.76 2.13 -2.94	55.78 1.94 -26.58	34.16 2.11 -2.09	39.03 2.43 0.00	43.96 2.88 0.00	47.23 3.19 0.00	50.63 3.55 0.00	51.48 3.86 -0.02	49.43 3.63 -0.02	49.90 3.47 -0.01	47.83 3.01 0.00	36.28 2.17 -0.73
TRINITY___115KV___4 BK 55933	33.14 0.63 0.00	29.68 0.62 0.00	28.05 0.58 0.00	28.44 0.63 0.00	31.49 0.64 0.00	32.10 0.63 0.00	42.90 0.74 0.00	43.39 0.35 0.00	42.57 0.41 0.00	39.33 0.42 0.00	37.67 0.18 0.00	34.16 0.24 0.00	30.01 0.32 0.00	27.59 0.34 0.00	30.22 0.25 0.00	37.05 0.45 0.00	41.68 0.60 0.00	44.73 0.69 0.00	47.95 0.87 0.00	48.67 1.07 0.00	46.80 1.02 0.00	47.33 0.92 0.00	45.55 0.72 0.00	33.92 0.53 0.00
UNION___PROCESSING_DRP 323587	31.55 -0.97 0.00	28.20 -0.86 0.00	26.67 -0.80 0.00	26.91 -0.90 0.00	30.00 -0.84 0.00	30.75 -0.72 0.00	41.11 -1.05 0.00	42.25 -0.79 0.00	41.50 -0.66 0.00	38.47 -0.44 0.00	37.44 -0.05 0.00	33.72 -0.20 0.00	29.43 -0.27 0.00	26.96 -0.30 0.00	29.65 -0.31 0.00	36.24 -0.36 0.00	40.48 -0.60 0.00	43.17 -0.86 0.00	45.85 -1.22 0.00	46.11 -1.49 0.00	44.47 -1.31 0.00	45.22 -1.20 0.00	43.82 -1.01 0.00	32.75 -0.63 0.00
UPPER HUDSON___HYD 24058	34.05 1.54 0.00	30.47 1.41 0.00	28.80 1.33 0.00	29.19 1.38 0.00	32.34 1.49 0.00	33.04 1.57 0.00	44.57 2.41 0.00	45.27 2.24 0.00	44.22 2.06 0.00	40.83 1.92 0.00	39.13 1.64 0.00	35.25 1.33 0.00	30.82 1.13 0.00	28.43 1.18 0.00	31.57 1.61 0.00	38.36 1.76 0.00	43.30 2.23 0.00	46.59 2.55 0.00	49.99 2.92 0.00	50.75 3.15 0.00	48.79 3.01 0.00	49.20 2.79 0.00	47.13 2.31 0.00	34.93 1.55 0.00
UPPER RAQUET___HYD 24056	31.66 -0.85 0.00	28.26 -0.80 0.00	26.66 -0.81 0.00	26.94 -0.87 0.00	29.88 -0.97 0.00	32.74 -0.89 -2.16	41.93 -1.02 -0.79	50.63 -1.06 -8.65	51.55 -0.90 -10.29	47.86 -0.82 -9.76	46.26 -0.78 -9.55	42.14 -0.77 -8.99	37.18 -0.81 -8.30	34.48 -0.68 -7.90	37.58 -0.74 -8.35	44.91 -1.11 -9.43	49.82 -1.39 -10.13	46.06 -1.30 -3.33	45.53 -1.55 0.00	45.93 -1.67 0.00	44.12 -1.66 0.00	46.81 -1.44 -1.83	54.74 -0.85 -10.76	35.01 -0.57 -2.19
VALLEY44_115KV_TB2 355964	32.29 -0.23 0.00	28.83 -0.23 0.00	27.30 -0.16 0.00	27.62 -0.17 0.03	30.89 0.04 0.00	31.57 0.10 0.00	42.15 -0.01 0.00	43.17 0.69 0.57	42.18 0.38 0.36	39.12 0.21 0.00	38.05 0.56 0.00	34.16 0.24 0.00	29.91 0.22 0.00	27.33 0.08 0.00	29.99 0.03 0.00	36.81 0.21 0.00	41.23 0.16 0.00	43.76 -0.27 0.00	46.56 -0.32 0.19	47.24 -0.36 0.00	45.80 0.01 0.00	46.55 0.13 0.00	45.17 0.35 0.00	33.79 0.41 0.00
VALLEY___115KV_TB 1-4 80826	32.50 -0.01 0.00	29.09 0.03 0.00	27.52 0.05 0.00	27.94 0.13 0.00	31.02 0.17 0.00	31.67 0.20 0.00	42.54 0.38 0.00	43.10 0.06 0.00	41.95 -0.21 0.00	38.49 -0.42 0.00	36.73 -0.76 0.00	33.18 -0.74 0.00	29.10 -0.60 0.00	27.01 -0.25 0.00	29.77 -0.20 0.00	36.47 -0.13 0.00	41.27 0.20 0.00	44.50 0.46 0.00	47.75 0.67 0.00	48.38 0.78 0.00	46.60 0.82 0.00	47.10 0.68 0.00	45.12 0.30 0.00	33.38 -0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.89 1.38 0.00	30.29 1.23 0.00	28.66 1.19 0.00	29.06 1.25 0.00	32.31 1.47 0.00	33.06 1.59 0.00	44.44 2.28 0.00	45.47 2.43 0.00	44.50 2.34 0.00	41.06 2.14 0.00	39.59 2.10 0.00	35.79 1.87 0.00	31.25 1.56 0.00	28.67 1.42 0.00	31.53 1.56 0.00	38.61 2.01 0.00	43.45 2.37 0.00	46.53 2.50 0.00	49.87 2.79 0.00	50.47 2.87 0.00	48.54 2.76 0.00	49.13 2.71 0.00	47.34 2.51 0.00	35.16 1.78 0.00
VISCHER___FERRY HYD 24020	33.56 1.05 0.00	30.00 0.94 0.00	28.35 0.89 0.00	28.75 0.94 0.00	31.82 0.97 0.00	32.46 0.98 0.00	43.57 1.41 0.00	44.17 1.13 0.00	43.27 1.11 0.00	39.95 1.03 0.00	38.31 0.82 0.00	34.65 0.72 0.00	30.37 0.67 0.00	27.94 0.69 0.00	30.76 0.80 0.00	37.54 0.94 0.00	42.22 1.14 0.00	45.32 1.28 0.00	48.57 1.49 0.00	49.26 1.67 0.00	47.39 1.61 0.00	47.92 1.50 0.00	46.08 1.26 0.00	34.23 0.85 0.00
V_A_10_SYNC_DSASP 323832	30.93 -1.59 0.00	27.63 -1.43 0.00	26.16 -1.31 0.00	26.33 -1.45 0.04	29.46 -1.39 0.00	30.21 -1.26 0.00	40.27 -1.89 0.00	40.65 -1.60 0.78	40.15 -1.52 0.49	37.70 -1.21 0.00	36.87 -0.62 0.00	33.15 -0.77 0.00	28.89 -0.80 0.00	26.47 -0.78 0.00	29.13 -0.84 0.00	35.61 -0.99 0.00	39.62 -1.45 0.00	42.16 -1.88 0.00	44.37 -2.44 0.27	44.74 -2.86 0.00	43.21 -2.57 0.00	44.08 -2.34 0.00	42.93 -1.89 0.00	32.22 -1.17 0.00
V_CMM_10_SYNC_DSASP 323787	32.34 -0.17 0.00	28.87 -0.18 0.00	27.27 -0.19 0.00	27.55 -0.26 0.00	30.53 -0.31 0.00	31.20 -0.27 0.00	41.83 -0.33 0.00	42.65 -0.40 0.00	41.86 -0.30 0.00	38.70 -0.21 0.00	37.35 -0.13 0.00	33.79 -0.13 0.00	29.49 -0.21 0.00	27.05 -0.21 0.00	29.75 -0.21 0.00	36.33 -0.27 0.00	40.67 -0.41 0.00	43.65 -0.38 0.00	46.58 -0.50 0.00	47.00 -0.60 0.00	45.12 -0.66 0.00	46.00 -0.42 0.00	44.72 -0.10 0.00	33.38 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	32.06 -0.45 0.00	28.54 -0.51 0.00	26.84 -0.63 0.00	27.16 -0.65 0.00	30.08 -0.77 0.00	17.53 -0.88 13.06	36.31 -1.08 4.76	-10.49 -1.21 52.32	-21.21 -1.07 62.30	-21.18 -1.02 59.08	-21.20 -0.90 57.79	-21.25 -0.78 54.39	-21.20 -0.78 50.11	-21.16 -0.71 47.71	-21.18 -0.70 50.43	-21.17 -0.90 56.88	-21.08 -1.02 61.13	23.01 -0.93 20.09	46.16 -0.92 0.00	46.56 -1.04 0.00	44.61 -1.18 0.00	34.20 -1.18 11.03	-21.14 -1.03 64.94	19.43 -0.72 13.23
V_D_10_SYNC_DSASP 323841	32.50 -0.01 0.00	29.01 -0.04 0.00	27.40 -0.06 0.00	27.69 -0.12 0.00	30.69 -0.16 0.00	31.86 -0.10 -0.49	42.25 -0.08 -0.18	44.84 -0.14 -1.94	44.43 -0.04 -2.31	41.12 0.01 -2.19	39.71 0.08 -2.14	35.98 0.05 -2.02	31.50 -0.06 -1.86	28.97 -0.06 -1.77	31.78 -0.05 -1.87	38.61 -0.10 -2.11	43.13 -0.22 -2.27	44.61 -0.17 -0.75	46.72 -0.36 0.00	47.08 -0.51 0.00	45.21 -0.57 0.00	46.50 -0.32 -0.41	47.39 0.16 -2.41	34.07 0.20 -0.49
V_E_10_SYNC_DSASP 323830	32.82 0.31 0.00	29.42 0.36 0.00	28.08 0.62 0.00	28.47 0.64 -0.01	31.51 0.66 0.00	32.25 0.77 0.00	44.04 1.88 0.00	46.33 3.12 -0.17	44.06 1.72 -0.18	40.61 1.69 0.00	38.97 1.48 0.00	34.95 1.03 0.00	30.41 0.72 0.00	27.71 0.45 0.00	30.63 0.66 0.00	37.87 1.27 0.00	42.82 1.75 0.00	46.17 2.14 0.00	49.52 2.35 -0.09	49.62 2.02 0.00	47.85 2.06 0.00	48.36 1.95 0.00	46.73 1.91 0.00	34.55 1.16 0.00
V_F_30_NSYNC___DSASP 323816	33.96 1.45 0.00	30.36 1.30 0.00	28.69 1.22 0.00	29.10 1.29 0.00	32.25 1.40 0.00	32.92 1.45 0.00	44.26 2.10 0.00	44.98 1.94 0.00	43.97 1.81 0.00	40.57 1.66 0.00	38.91 1.42 0.00	35.12 1.20 0.00	30.73 1.03 0.00	28.31 1.05 0.00	31.33 1.37 0.00	38.17 1.57 0.00	43.00 1.92 0.00	46.19 2.15 0.00	49.52 2.44 0.00	50.21 2.61 0.00	48.27 2.49 0.00	48.80 2.38 0.00	46.85 2.03 0.00	34.77 1.38 0.00

V_F_30_SYNC_DSASP 323786	33.34 0.82 0.00	29.85 0.79 0.00	28.21 0.75 0.00	28.59 0.79 0.00	31.67 0.82 0.00	32.31 0.84 0.00	43.20 1.05 0.00	43.72 0.68 0.00	42.89 0.74 0.00	39.65 0.74 0.00	37.97 0.48 0.00	34.42 0.50 0.00	30.23 0.54 0.00	27.81 0.55 0.00	30.40 0.44 0.00	37.34 0.74 0.00	42.02 0.94 0.00	45.10 1.06 0.00	48.28 1.20 0.00	48.90 1.30 0.00	47.03 1.25 0.00	47.55 1.13 0.00	45.75 0.92 0.00	34.06 0.68 0.00
V_XM_10_SYNC_DSASP 323789	32.06 -0.45 0.00	28.54 -0.51 0.00	26.84 -0.63 0.00	27.16 -0.65 0.00	30.08 -0.77 0.00	17.53 -0.88 13.06	36.31 -1.08 4.76	-10.49 -1.21 52.32	-21.21 -1.07 62.30	-21.18 -1.02 59.08	-21.20 -0.90 57.79	-21.25 -0.78 54.39	-21.20 -0.78 50.11	-21.16 -0.71 47.71	-21.18 -0.70 50.43	-21.17 -0.90 56.88	-21.08 -1.02 61.13	23.01 -0.93 20.09	46.16 -0.92 0.00	46.56 -1.04 0.00	44.61 -1.18 0.00	34.20 -1.18 11.03	-21.14 -1.03 64.94	19.43 -0.72 13.23
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.20 1.69 0.00	30.56 1.50 0.00	28.87 1.41 0.00	29.28 1.47 0.00	32.58 1.73 0.00	33.24 1.76 0.00	44.64 2.48 0.00	45.72 2.68 0.00	44.57 2.41 0.00	41.07 2.16 0.00	39.48 1.99 0.00	35.78 1.86 0.00	32.45 1.62 -1.14	39.90 1.47 -11.18	31.60 1.63 0.00	38.78 2.18 0.00	43.69 2.61 0.00	46.85 2.81 0.00	50.20 3.12 0.00	50.83 3.23 0.00	48.87 3.09 0.00	49.25 2.84 0.00	47.34 2.52 0.00	35.15 1.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.03 2.23 -6.28	31.03 1.97 0.00	29.31 1.85 0.00	29.73 1.92 0.00	33.76 2.21 -0.71	43.11 2.27 -9.37	48.69 3.23 -3.31	50.24 3.40 -3.80	46.75 3.06 -1.53	62.41 2.68 -20.81	52.71 2.52 -12.70	51.43 2.34 -15.17	50.82 2.08 -19.05	65.80 1.90 -36.65	46.57 2.10 -14.50	39.37 2.77 0.00	44.36 3.29 0.00	47.52 3.49 0.00	50.86 3.79 0.00	51.54 3.94 0.00	49.60 3.82 0.00	49.94 3.53 0.00	48.15 3.33 0.00	35.72 2.33 0.00
W50THST__13_KV_LOAD 356117	41.23 2.44 -6.28	31.20 2.14 0.00	29.47 2.01 0.00	29.89 2.08 0.00	33.94 2.39 -0.71	43.31 2.47 -9.37	48.98 3.51 -3.31	50.57 3.73 -3.80	47.08 3.39 -1.53	62.70 2.97 -20.81	52.99 2.81 -12.70	51.72 2.63 -15.17	51.06 2.32 -19.05	66.02 2.12 -36.65	46.81 2.34 -14.50	39.69 3.09 0.00	44.71 3.64 0.00	47.88 3.85 0.00	51.22 4.14 0.00	51.86 4.27 0.00	49.90 4.12 0.00	50.24 3.83 0.00	48.45 3.63 0.00	35.94 2.56 0.00
WADING RIVER_IC_1 23522	34.60 2.35 0.26	30.87 1.81 0.00	29.14 1.67 0.00	29.52 1.71 0.00	32.68 1.90 0.06	32.62 2.03 0.88	44.81 2.96 0.31	45.84 3.16 0.36	44.03 2.02 0.14	39.59 1.74 1.06	38.17 1.58 0.90	34.34 1.95 1.53	31.83 1.66 -0.47	43.08 1.47 -14.35	30.19 1.55 1.32	38.28 1.67 0.00	42.99 1.91 0.00	46.75 2.71 0.00	50.34 3.26 0.00	51.23 3.63 0.00	48.88 3.10 0.00	49.75 3.34 0.00	47.58 2.76 0.00	34.93 1.70 0.15
WADING RIVER_IC_2 23547	34.60 2.35 0.26	30.87 1.81 0.00	29.14 1.67 0.00	29.52 1.71 0.00	32.68 1.90 0.06	32.62 2.03 0.88	44.81 2.96 0.31	45.84 3.16 0.36	44.03 2.02 0.14	39.59 1.74 1.06	38.17 1.58 0.90	34.34 1.95 1.53	31.83 1.66 -0.47	43.08 1.47 -14.35	30.19 1.55 1.32	38.28 1.67 0.00	42.99 1.91 0.00	46.75 2.71 0.00	50.34 3.26 0.00	51.23 3.63 0.00	48.88 3.10 0.00	49.75 3.34 0.00	47.58 2.76 0.00	34.93 1.70 0.15
WADING RIVER_IC_3 23601	34.60 2.35 0.26	30.87 1.81 0.00	29.14 1.67 0.00	29.52 1.71 0.00	32.68 1.90 0.06	32.62 2.03 0.88	44.81 2.96 0.31	45.84 3.16 0.36	44.03 2.02 0.14	39.59 1.74 1.06	38.17 1.58 0.90	34.34 1.95 1.53	31.83 1.66 -0.47	43.08 1.47 -14.35	30.19 1.55 1.32	38.28 1.67 0.00	42.99 1.91 0.00	46.75 2.71 0.00	50.34 3.26 0.00	51.23 3.63 0.00	48.88 3.10 0.00	49.75 3.34 0.00	47.58 2.76 0.00	34.93 1.70 0.15
WALDENNY_12_KV_BK2 80841	30.71 -1.80 0.00	27.42 -1.64 0.00	25.97 -1.50 0.00	26.05 -1.68 0.08	29.34 -1.51 0.00	30.13 -1.34 0.00	40.14 -2.02 0.00	39.61 -1.66 1.77	39.52 -1.53 1.11	37.74 -1.17 0.00	37.07 -0.42 0.00	33.24 -0.68 0.00	28.94 -0.76 0.00	26.50 -0.75 0.00	29.17 -0.80 0.00	35.66 -0.93 0.00	39.57 -1.51 0.00	42.00 -2.04 0.00	44.02 -2.44 0.61	45.02 -2.58 0.00	43.53 -2.25 0.00	44.52 -1.89 0.00	43.46 -1.36 0.00	32.67 -0.71 0.00
WALDEN__HYDRO 24148	34.10 1.59 0.00	30.46 1.40 0.00	28.79 1.33 0.00	29.20 1.39 0.00	32.45 1.60 0.00	33.12 1.65 0.00	44.49 2.33 0.00	45.52 2.48 0.00	44.40 2.24 0.00	40.92 2.00 0.00	39.35 1.86 0.00	35.66 1.74 0.00	30.50 1.51 0.71	21.63 1.38 7.01	31.48 1.51 0.00	38.61 2.01 0.00	43.47 2.39 0.00	46.64 2.60 0.00	50.00 2.93 0.00	50.65 3.05 0.00	48.72 2.94 0.00	49.12 2.71 0.00	47.22 2.40 0.00	35.07 1.68 0.00
WARRENSBURG____ 23737	34.05 1.54 0.00	30.47 1.41 0.00	28.80 1.33 0.00	29.19 1.38 0.00	32.34 1.49 0.00	33.04 1.57 0.00	44.57 2.41 0.00	45.28 2.24 0.00	44.22 2.06 0.00	40.83 1.92 0.00	39.13 1.64 0.00	35.25 1.33 0.00	30.82 1.13 0.00	28.43 1.18 0.00	31.57 1.61 0.00	38.36 1.76 0.00	43.30 2.23 0.00	46.59 2.55 0.00	49.99 2.92 0.00	50.75 3.15 0.00	48.79 3.00 0.00	49.20 2.79 0.00	47.13 2.31 0.00	34.93 1.54 0.00
WATERSIDE____6 8 9 23538	43.11 2.32 -8.28	31.11 2.05 -0.01	29.39 1.92 -0.01	29.81 1.99 -0.01	34.27 2.28 -1.13	48.86 2.32 -15.07	50.77 3.29 -5.32	52.60 3.44 -6.11	48.28 3.16 -2.96	69.34 2.70 -27.73	56.94 2.54 -16.91	56.48 2.36 -20.21	56.56 2.09 -24.78	72.07 1.91 -42.90	51.00 2.15 -18.89	41.56 2.86 -2.10	51.29 3.40 -6.81	51.26 3.60 -3.62	51.07 3.91 -0.09	51.63 4.03 0.00	50.04 3.93 -0.33	51.42 3.65 -1.36	48.10 3.47 0.20	42.59 2.45 -6.76
WATKINRD_115KV_LN8_ILLION 55919	32.61 0.10 0.00	29.20 0.14 0.00	27.63 0.16 0.00	28.09 0.28 0.00	31.20 0.35 0.00	31.85 0.38 0.00	42.83 0.67 0.00	43.27 0.23 0.00	41.97 -0.19 0.00	38.41 -0.50 0.00	36.53 -0.96 0.00	32.98 -0.94 0.00	28.93 -0.76 0.00	26.98 -0.28 0.00	29.78 -0.19 0.00	36.54 -0.06 0.00	41.50 0.42 0.00	44.83 0.80 0.00	48.19 1.12 0.00	48.87 1.27 0.00	47.06 1.28 0.00	47.51 1.10 0.00	45.40 0.58 0.00	33.50 0.11 0.00
WATSON____69_KV_BK 1 55734	35.15 2.90 0.26	31.31 2.25 0.00	29.55 2.08 0.00	29.94 2.13 0.00	33.15 2.37 0.06	33.08 2.49 0.88	45.53 3.68 0.31	46.55 3.86 0.36	44.98 2.97 0.14	40.54 2.68 1.06	39.31 2.64 0.82	35.41 2.75 1.26	32.69 2.38 -0.62	44.51 2.17 -15.08	31.15 2.31 1.12	39.22 2.62 0.00	44.26 3.18 0.00	47.81 3.78 0.00	51.38 4.30 0.00	52.28 4.69 0.00	50.12 4.34 0.00	50.73 4.32 0.00	48.55 3.73 0.00	35.87 2.59 0.10
WDELAWARE__HYD 323627	34.28 1.77 0.00	30.81 1.75 0.00	29.27 1.80 0.00	29.68 1.87 0.00	33.01 2.16 0.00	33.73 2.26 0.00	45.32 3.16 0.00	46.43 3.39 0.00	45.34 3.19 0.00	41.82 2.90 0.00	40.27 2.78 0.00	36.35 2.43 0.00	31.18 2.06 0.57	23.55 1.91 5.62	32.10 2.13 0.00	39.36 2.77 0.00	44.28 3.20 0.00	47.58 3.55 0.00	51.07 3.99 0.00	51.68 4.09 0.00	49.68 3.90 0.00	50.09 3.67 0.00	48.14 3.31 0.00	35.75 2.37 0.00

WEST BABYLON___IC 23714	35.04 2.79 0.25	31.23 2.17 0.00	29.47 2.00 0.00	29.86 2.05 0.00	33.06 2.28 0.06	32.97 2.38 0.88	45.40 3.55 0.31	46.44 3.76 0.36	44.90 2.88 0.14	40.49 2.64 1.06	39.48 2.64 0.65	35.85 2.70 0.77	32.93 2.35 -0.89	45.84 2.15 -16.43	31.53 2.30 0.74	39.19 2.58 0.00	44.24 3.17 0.00	47.74 3.70 0.00	51.27 4.20 0.00	52.16 4.56 0.00	50.03 4.25 0.00	50.60 4.18 0.00	48.44 3.62 0.00	35.92 2.54 0.00
WEST CANADA___HYD 24049	32.58 0.06 0.00	29.12 0.06 0.00	27.52 0.06 0.00	27.88 0.07 0.00	30.94 0.09 0.00	31.57 0.09 0.00	42.31 0.15 0.00	43.17 0.13 0.00	42.29 0.13 0.00	39.00 0.08 0.00	37.52 0.03 0.00	33.92 0.00 0.00	29.72 0.03 0.00	27.29 0.04 0.00	30.00 0.04 0.00	36.66 0.06 0.00	41.18 0.11 0.00	44.17 0.13 0.00	47.26 0.18 0.00	47.81 0.21 0.00	46.01 0.23 0.00	46.60 0.18 0.00	44.95 0.13 0.00	33.44 0.06 0.00
WESTERN_NY_WIND 24143	31.36 -1.15 0.00	28.03 -1.03 0.00	26.55 -0.92 0.00	26.68 -1.09 0.04	29.98 -0.86 0.00	30.83 -0.64 0.00	41.16 -1.00 0.00	41.39 -0.66 0.99	41.02 -0.51 0.63	38.72 -0.20 0.00	37.92 0.43 0.00	34.04 0.12 0.00	29.59 -0.10 0.00	27.10 -0.15 0.00	29.84 -0.13 0.00	36.42 -0.18 0.00	40.44 -0.64 0.00	43.07 -0.97 0.00	45.36 -1.37 0.35	46.08 -1.52 0.00	44.52 -1.26 0.00	45.36 -1.06 0.00	44.13 -0.69 0.00	33.08 -0.30 0.00
WESTOVER___LESR 323668	32.75 0.24 0.00	29.24 0.18 0.00	27.68 0.21 0.00	28.04 0.23 0.00	31.20 0.36 0.00	31.85 0.37 0.00	42.68 0.53 0.00	43.88 0.84 0.00	42.88 0.72 0.00	39.44 0.52 0.00	38.01 0.52 0.00	34.32 0.40 0.00	30.06 0.37 0.00	27.53 0.28 0.00	30.24 0.28 0.00	36.98 0.38 0.00	41.61 0.53 0.00	44.46 0.42 0.00	47.60 0.53 0.00	48.10 0.50 0.00	46.36 0.58 0.00	46.93 0.51 0.00	45.37 0.54 0.00	33.76 0.38 0.00
WETHRSFD_WT_PWR 323626	30.16 -2.35 0.00	26.91 -2.15 0.00	25.46 -2.00 0.01	25.42 -2.13 0.26	28.81 -2.04 0.00	29.53 -1.94 0.00	39.37 -2.79 0.00	34.91 -2.39 5.74	36.22 -2.36 3.59	36.85 -2.07 0.00	36.01 -1.48 0.00	32.34 -1.57 0.00	28.23 -1.47 0.00	25.81 -1.44 0.00	28.35 -1.62 0.00	34.66 -1.94 0.00	38.59 -2.49 0.00	41.11 -2.92 0.00	42.01 -3.08 1.99	44.50 -3.09 0.00	43.19 -2.59 0.00	44.18 -2.24 0.00	43.09 -1.73 0.00	32.37 -1.02 0.00
WHAVSTOR_138KV_BK127 55557	34.16 1.65 0.00	30.52 1.46 0.00	28.84 1.38 0.00	29.24 1.44 0.00	32.53 1.68 0.00	33.19 1.72 0.00	44.59 2.43 0.00	45.64 2.60 0.00	44.47 2.31 0.00	40.98 2.07 0.00	39.39 1.90 0.00	35.70 1.78 0.00	32.76 1.56 -1.51	43.53 1.42 -14.86	31.54 1.57 0.00	38.71 2.11 0.00	43.60 2.52 0.00	46.75 2.71 0.00	50.09 3.01 0.00	50.74 3.14 0.00	48.78 3.00 0.00	49.17 2.75 0.00	47.29 2.46 0.00	35.11 1.72 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.16 1.65 0.00	30.52 1.46 0.00	28.84 1.38 0.00	29.24 1.44 0.00	32.53 1.68 0.00	33.19 1.72 0.00	44.59 2.43 0.00	45.64 2.60 0.00	44.47 2.31 0.00	40.98 2.07 0.00	39.39 1.90 0.00	35.70 1.78 0.00	32.76 1.56 -1.51	43.53 1.42 -14.86	31.54 1.57 0.00	38.71 2.11 0.00	43.60 2.52 0.00	46.75 2.71 0.00	50.09 3.01 0.00	50.74 3.14 0.00	48.78 3.00 0.00	49.17 2.75 0.00	47.29 2.46 0.00	35.11 1.72 0.00
WHITEHAL_115KV_TB1 80871	34.45 1.94 0.00	31.00 1.95 0.00	29.29 1.82 0.00	29.65 1.84 0.00	32.70 1.85 0.00	33.41 1.94 0.00	45.51 3.35 0.00	46.08 3.04 0.00	44.84 2.69 0.00	41.24 2.32 0.00	39.56 2.06 0.00	35.36 1.44 0.00	31.01 1.31 0.00	28.67 1.41 0.00	31.83 1.87 0.00	38.52 1.92 0.00	43.82 2.74 0.00	47.33 3.29 0.00	51.08 4.00 0.00	52.10 4.50 0.00	50.02 4.24 0.00	50.16 3.75 0.00	47.62 2.80 0.00	35.20 1.81 0.00
WHITEPLN_13_KV_LOAD 356215	34.85 2.16 -0.17	30.97 1.91 0.00	29.26 1.79 0.00	29.67 1.86 0.00	33.00 2.11 -0.03	34.13 2.19 -0.47	45.46 3.14 -0.17	46.56 3.33 -0.19	45.29 3.06 -0.08	42.18 2.69 -0.57	40.36 2.52 -0.35	36.69 2.35 -0.41	34.20 2.09 -2.42	48.82 1.91 -19.66	32.48 2.12 -0.40	39.36 2.76 0.00	44.33 3.26 0.00	47.53 3.50 0.00	50.91 3.83 0.00	51.59 3.99 0.00	49.62 3.84 0.00	50.00 3.58 0.00	48.09 3.27 0.00	35.67 2.29 0.00
WM_FLOYD_69_KV_BK2 356380	34.80 2.55 0.26	31.02 1.96 0.00	29.27 1.81 0.00	29.66 1.85 0.00	32.84 2.05 0.06	32.77 2.17 0.88	45.06 3.22 0.31	46.06 3.38 0.36	44.35 2.33 0.14	39.87 2.02 1.06	38.49 1.90 0.90	34.62 2.21 1.52	32.05 1.88 -0.48	43.30 1.66 -14.38	30.41 1.76 1.31	38.54 1.94 0.00	43.37 2.29 0.00	47.06 3.02 0.00	50.69 3.61 0.00	51.58 3.98 0.00	49.31 3.53 0.00	50.11 3.70 0.00	47.92 3.10 0.00	35.27 2.04 0.15
WOODARD___115KV_TB2 355635	32.10 -0.41 0.00	28.70 -0.36 0.00	27.13 -0.33 0.00	27.47 -0.34 0.00	30.50 -0.35 0.00	31.10 -0.38 0.00	41.63 -0.52 0.00	42.61 -0.43 0.00	41.74 -0.41 0.00	38.55 -0.36 0.00	37.20 -0.29 0.00	33.66 -0.26 0.00	29.49 -0.20 0.00	27.05 -0.20 0.00	29.74 -0.23 0.00	36.29 -0.31 0.00	40.72 -0.36 0.00	43.59 -0.45 0.00	46.57 -0.50 0.00	47.06 -0.54 0.00	45.29 -0.49 0.00	45.88 -0.54 0.00	44.25 -0.57 0.00	32.94 -0.44 0.00
YORK___WARBASSE 23770	45.31 2.48 -10.32	31.23 2.17 -0.01	29.49 2.02 -0.01	29.91 2.09 -0.01	34.39 2.41 -1.13	48.96 2.42 -15.07	50.91 3.43 -5.32	52.80 3.65 -6.11	51.07 3.47 -5.45	69.54 2.89 -27.73	57.10 2.70 -16.91	56.65 2.52 -20.21	56.73 2.26 -24.78	72.22 2.06 -42.90	59.29 2.35 -26.99	51.59 3.14 -11.85	54.77 3.55 -10.15	50.89 3.74 -3.12	51.22 4.07 -0.08	51.79 4.19 0.00	50.20 4.14 -0.28	51.79 3.86 -1.51	50.96 3.77 -2.36	50.62 2.64 -14.60