

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/28/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	57.53	53.58	48.30	47.27	44.54	46.77	47.62	43.29	50.23	53.73	52.99	51.31	50.85	49.23	50.75	51.70	55.36	58.81	55.49	53.45	51.29	48.52	45.29	43.89
24138	3.26	2.84	2.56	2.46	2.20	2.44	2.65	2.64	3.24	3.42	3.38	3.27	3.24	3.14	3.23	3.33	3.76	4.11	3.77	3.63	3.45	3.13	2.76	2.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	57.47	53.64	48.30	47.36	44.62	46.82	47.71	43.37	50.28	53.78	53.09	51.40	50.89	49.27	50.79	51.75	55.26	58.59	55.44	53.50	51.34	48.52	45.29	43.98
24260	3.20	2.89	2.56	2.55	2.29	2.48	2.74	2.72	3.29	3.47	3.47	3.36	3.29	3.18	3.28	3.39	3.66	3.88	3.72	3.69	3.49	3.13	2.76	2.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	57.47	53.64	48.30	47.36	44.62	46.82	47.71	43.37	50.28	53.78	53.09	51.40	50.89	49.27	50.79	51.75	55.26	58.59	55.44	53.50	51.34	48.52	45.29	43.98
24261	3.20	2.89	2.56	2.55	2.29	2.48	2.74	2.72	3.29	3.47	3.47	3.36	3.29	3.18	3.28	3.39	3.66	3.88	3.72	3.69	3.49	3.13	2.76	2.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	56.88	52.88	47.62	46.60	44.07	46.06	46.95	42.36	49.01	52.62	51.85	50.15	49.66	47.98	49.46	50.30	53.76	57.34	54.05	51.90	49.80	47.02	43.93	42.61
24011	2.61	2.13	1.88	1.79	1.74	1.73	1.98	1.71	2.02	2.31	2.23	2.11	2.05	1.89	1.95	1.93	2.17	2.63	2.33	2.09	1.96	1.63	1.40	1.16
	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	56.93	52.92	47.66	46.60	44.07	46.11	46.95	42.36	49.01	52.68	51.95	50.25	49.70	48.03	49.51	50.35	53.92	57.50	54.20	51.95	49.85	47.07	43.93	42.61
23798	2.66	2.18	1.92	1.79	1.74	1.78	1.98	1.71	2.02	2.37	2.33	2.21	2.09	1.94	2.00	1.98	2.32	2.79	2.48	2.14	2.01	1.68	1.40	1.16
	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	56.88	52.88	47.62	46.60	44.07	46.06	46.95	42.36	49.01	52.62	51.85	50.15												

ALBANY___2 23572	56.01 1.74 0.00	52.22 1.47 0.00	47.16 1.42 0.00	46.20 1.39 0.00	43.65 1.31 0.00	45.75 1.42 0.00	46.50 1.53 0.00	42.03 1.38 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.06 1.44 0.00	49.43 1.39 0.00	48.99 1.38 0.00	47.48 1.38 0.00	48.89 1.38 0.00	49.53 1.16 0.00	52.68 1.08 0.00	56.08 1.37 0.00	52.91 1.19 0.00	51.01 1.20 0.00	49.09 1.24 0.00	46.52 1.13 0.00	43.55 1.02 0.00	42.49 1.04 0.00
ALBANY___3 23573	56.01 1.74 0.00	52.22 1.47 0.00	47.16 1.42 0.00	46.20 1.39 0.00	43.65 1.31 0.00	45.75 1.42 0.00	46.50 1.53 0.00	42.03 1.38 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.06 1.44 0.00	49.43 1.39 0.00	48.99 1.38 0.00	47.48 1.38 0.00	48.89 1.38 0.00	49.53 1.16 0.00	52.68 1.08 0.00	56.08 1.37 0.00	52.91 1.19 0.00	51.01 1.20 0.00	49.09 1.24 0.00	46.52 1.13 0.00	43.55 1.02 0.00	42.49 1.04 0.00
ALBANY___4 23574	56.01 1.74 0.00	52.22 1.47 0.00	47.16 1.42 0.00	46.20 1.39 0.00	43.65 1.31 0.00	45.75 1.42 0.00	46.50 1.53 0.00	42.03 1.38 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.06 1.44 0.00	49.43 1.39 0.00	48.99 1.38 0.00	47.48 1.38 0.00	48.89 1.38 0.00	49.53 1.16 0.00	52.68 1.08 0.00	56.08 1.37 0.00	52.91 1.19 0.00	51.01 1.20 0.00	49.09 1.24 0.00	46.52 1.13 0.00	43.55 1.02 0.00	42.49 1.04 0.00
ALBANY___LFGE 323615	56.39 2.11 0.00	52.57 1.82 0.00	47.48 1.74 0.00	46.47 1.66 0.00	43.90 1.57 0.00	46.02 1.68 0.00	46.77 1.80 0.00	42.28 1.63 0.00	48.96 1.97 0.00	52.42 2.11 0.00	51.45 1.84 0.00	49.82 1.78 0.00	49.37 1.76 0.00	47.80 1.71 0.00	49.22 1.71 0.00	49.91 1.55 0.00	53.14 1.55 0.00	56.68 1.97 0.00	53.42 1.70 0.00	51.40 1.59 0.00	49.47 1.63 0.00	46.88 1.50 0.00	43.85 1.32 0.00	42.74 1.29 0.00
ALCOA_PA_115KV_PL-6C 55860	55.09 0.81 0.00	51.66 0.91 0.00	46.56 0.82 0.00	45.66 0.85 0.00	43.10 0.76 0.00	45.00 0.66 0.00	45.33 0.36 0.00	41.18 0.53 0.00	47.32 0.33 0.00	50.76 0.45 0.00	50.16 0.55 0.00	48.62 0.58 0.00	48.18 0.57 0.00	46.74 0.65 0.00	48.04 0.52 0.00	48.80 0.44 0.00	51.96 0.36 0.00	54.93 0.22 0.00	51.93 0.21 0.00	49.96 0.15 0.00	48.08 0.24 0.00	45.66 0.27 0.00	43.17 0.64 0.00	42.28 0.83 0.00
ALCOA_RYNLDS___DRP 24188	55.09 0.81 0.00	51.66 0.91 0.00	46.56 0.82 0.00	45.66 0.85 0.00	43.10 0.76 0.00	45.00 0.66 0.00	45.33 0.36 0.00	41.18 0.53 0.00	47.32 0.33 0.00	50.76 0.45 0.00	50.16 0.55 0.00	48.62 0.58 0.00	48.18 0.57 0.00	46.74 0.65 0.00	48.04 0.52 0.00	48.80 0.44 0.00	51.96 0.36 0.00	54.93 0.22 0.00	51.93 0.21 0.00	49.96 0.15 0.00	48.08 0.24 0.00	45.66 0.27 0.00	43.17 0.64 0.00	42.28 0.83 0.00
ALCOA___DSASP 323711	55.09 0.82 0.00	51.66 0.91 0.00	46.52 0.78 0.00	45.66 0.85 0.00	43.18 0.85 0.00	45.00 0.67 0.00	45.33 0.36 0.00	41.18 0.53 0.00	47.32 0.33 0.00	50.76 0.45 0.00	50.16 0.55 0.00	48.62 0.58 0.00	48.18 0.57 0.00	46.74 0.65 0.00	48.04 0.52 0.00	48.80 0.43 0.00	51.96 0.36 0.00	54.76 0.05 0.00	51.93 0.21 0.00	49.96 0.15 0.00	48.08 0.24 0.00	45.66 0.27 0.00	42.87 0.34 0.00	42.28 0.83 0.00
ALLEGHENY___COGEN 23514	53.13 -1.14 0.00	49.68 -1.07 0.00	44.64 -1.10 0.00	43.69 -1.12 0.00	41.28 -1.06 0.00	43.45 -0.89 0.00	43.94 -1.03 0.00	39.15 -1.50 0.00	45.16 -1.83 0.00	47.90 -2.41 0.00	47.58 -2.04 0.00	46.12 -1.92 0.00	45.56 -2.05 0.00	44.02 -2.07 0.00	45.47 -2.04 0.00	46.96 -1.40 0.00	50.15 -1.44 0.00	53.94 -0.77 0.00	50.74 -0.98 0.00	48.96 -0.85 0.00	47.03 -0.81 0.00	44.66 -0.73 0.00	42.14 -0.38 0.00	41.03 -0.41 0.00
ALTAMONT_115KV_TB 2 55880	55.90 1.63 0.00	52.17 1.42 0.00	47.02 1.28 0.00	46.11 1.30 0.00	43.52 1.19 0.00	45.62 1.29 0.00	46.37 1.39 0.00	41.91 1.26 0.00	48.49 1.50 0.00	51.92 1.61 0.00	51.01 1.39 0.00	49.34 1.30 0.00	48.90 1.29 0.00	47.34 1.24 0.00	48.80 1.28 0.00	49.62 1.26 0.00	52.94 1.34 0.00	56.30 1.59 0.00	53.17 1.45 0.00	51.21 1.39 0.00	49.23 1.39 0.00	46.61 1.23 0.00	43.63 1.11 0.00	42.44 0.99 0.00
ALTONA_WT_PWR 323606	55.90 1.63 0.00	52.37 1.62 0.00	47.16 1.42 0.00	46.29 1.48 0.00	43.69 1.35 0.00	45.66 1.33 0.00	45.69 0.72 0.00	41.30 0.65 0.00	47.65 0.66 0.00	51.11 0.80 0.00	50.56 0.94 0.00	48.95 0.91 0.00	48.56 0.95 0.00	47.16 1.06 0.00	48.37 0.86 0.00	49.14 0.77 0.00	52.26 0.67 0.00	55.09 0.39 0.00	52.13 0.41 0.00	50.16 0.35 0.00	48.27 0.43 0.00	45.79 0.41 0.00	42.95 0.43 0.00	42.40 0.95 0.00
AMERICAN_REF_FUEL 24010	48.08 -6.19 0.00	44.96 -5.79 0.00	40.44 -5.31 0.00	39.61 -5.20 0.00	37.51 -4.83 0.00	39.32 -5.01 0.00	39.62 -5.35 0.00	34.88 -5.77 0.00	40.22 -6.77 0.00	42.92 -7.39 0.00	42.72 -6.90 0.00	41.51 -6.53 0.00	41.18 -6.43 0.00	39.83 -6.27 0.00	40.77 -6.75 0.00	41.98 -6.39 0.00	44.32 -7.27 0.00	47.32 -7.39 0.00	44.48 -7.24 0.00	43.34 -6.47 0.00	41.67 -6.17 0.00	39.58 -5.81 0.00	38.10 -4.42 0.00	37.39 -4.06 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	49.55 -4.72 0.00	46.28 -4.47 0.00	41.53 -4.21 0.00	40.60 -4.21 0.00	38.48 -3.85 0.00	40.30 -4.03 0.00	40.61 -4.36 0.00	35.89 -4.76 0.00	41.44 -5.55 0.00	44.32 -5.99 0.00	44.21 -5.41 0.00	43.14 -4.90 0.00	42.80 -4.81 0.00	41.16 -4.93 0.00	42.38 -5.13 0.00	44.01 -4.35 0.00	46.54 -5.05 0.00	49.68 -5.03 0.00	46.60 -5.12 0.00	45.33 -4.48 0.00	43.59 -4.26 0.00	41.35 -4.04 0.00	39.68 -2.85 0.00	38.92 -2.53 0.00
ARTHUR KILL_GT_1 23520	57.47 3.20 0.00	55.17 3.10 -1.33	52.57 2.88 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.16 2.83 -7.35	55.64 2.80 -12.19	56.32 3.34 -5.99	56.33 3.47 -2.55	56.33 3.42 -3.29	56.27 3.31 -4.92	56.32 3.28 -5.43	56.27 3.18 -7.00	56.32 3.32 -5.48	56.32 3.43 -4.52	56.33 3.87 -0.87	59.04 4.27 -0.06	56.63 3.98 -0.93	56.38 3.84 -2.73	56.61 3.59 -5.18	56.61 3.31 -7.91	56.31 2.98 -10.80	54.45 2.74 -10.26
ARTHUR_KILL_2 23512	57.31 3.04 0.00	55.02 2.94 -1.33	52.43 2.74 -3.95	52.43 2.64 -4.98	51.77 2.41 -7.02	52.43 2.57 -5.53	55.02 2.70 -7.35	55.52 2.68 -12.19	56.18 3.20 -5.99	56.18 3.32 -2.55	56.18 3.27 -3.29	56.18 3.22 -4.92	56.18 3.14 -5.43	56.18 3.09 -7.00	56.18 3.18 -5.48	56.18 3.29 -4.52	56.18 3.72 -0.87	58.87 4.11 -0.06	56.42 3.77 -0.93	56.18 3.63 -2.73	56.47 3.45 -5.18	56.47 3.18 -7.91	56.18 2.85 -10.80	54.32 2.61 -10.26
ARTHUR_KILL_3 23513	56.82 2.55 0.01	54.36 2.29 -1.33	51.78 2.11 -3.94	51.75 1.97 -4.97	51.09 1.74 -7.01	51.82 1.95 -5.53	54.49 2.16 -7.36	55.08 2.23 -12.20	55.72 2.72 -6.00	55.73 2.87 -2.56	55.74 2.83 -3.30	55.71 2.74 -4.93	55.76 2.71 -5.44	55.73 2.63 -7.01	55.71 2.71 -5.49	55.70 2.80 -4.53	55.62 3.15 -0.88	58.22 3.45 -0.06	55.86 3.21 -0.93	55.64 3.09 -2.74	55.95 2.92 -5.19	55.93 2.63 -7.92	55.63 2.29 -10.81	53.71 1.99 -10.27

ARTHUR_KILL_COGEN 323718	57.47 3.20 0.00	55.17 3.10 -1.33	52.57 2.88 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.16 2.83 -7.35	55.64 2.80 -12.19	56.32 3.34 -5.99	56.33 3.47 -2.55	56.33 3.42 -3.29	56.27 3.31 -4.92	56.32 3.28 -5.43	56.27 3.18 -7.00	56.32 3.32 -5.48	56.32 3.43 -4.52	56.33 3.87 -0.87	59.04 4.27 -0.06	56.63 3.98 -0.93	56.38 3.84 -2.73	56.61 3.59 -5.18	56.61 3.31 -7.91	56.31 2.98 -10.80	54.45 2.74 -10.26
ASHOKAN____ 23654	58.88 4.61 0.00	55.01 4.26 0.00	49.49 3.75 0.00	48.31 3.50 0.00	45.51 3.18 0.00	47.88 3.55 0.00	48.75 3.78 0.00	43.94 3.29 0.00	50.89 3.90 0.00	54.48 4.17 0.00	53.83 4.22 0.00	52.12 4.08 0.00	51.33 3.72 0.00	49.55 3.46 0.00	51.12 3.61 0.00	52.24 3.87 0.00	56.39 4.80 0.00	59.74 5.03 0.00	56.38 4.66 0.00	54.30 4.48 0.00	52.10 4.26 0.00	49.24 3.86 0.00	45.89 3.36 0.00	44.72 3.27 0.00
ASTORIA_EAST_ENERGY_CC1 323581	57.09 2.82 0.00	53.28 2.54 0.00	48.21 2.47 0.00	47.14 2.33 0.00	44.37 2.03 0.00	46.50 2.17 0.01	47.35 2.38 0.01	43.12 2.48 0.01	49.94 2.96 0.01	53.42 3.12 0.01	52.69 3.08 0.01	51.06 3.03 0.01	50.55 2.95 0.01	48.95 2.86 0.01	50.50 3.00 0.01	51.46 3.10 0.01	55.04 3.46 0.01	58.47 3.77 0.01	55.23 3.52 0.01	53.19 3.39 0.01	51.04 3.21 0.01	48.33 2.95 0.01	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_EAST_ENERGY_CC2 323582	57.09 2.82 0.00	53.28 2.54 0.00	48.21 2.47 0.00	47.14 2.33 0.00	44.37 2.03 0.00	46.50 2.17 0.01	47.35 2.38 0.01	43.12 2.48 0.01	49.94 2.96 0.01	53.42 3.12 0.01	52.69 3.08 0.01	51.06 3.03 0.01	50.55 2.95 0.01	48.95 2.86 0.01	50.50 3.00 0.01	51.46 3.10 0.01	55.04 3.46 0.01	58.47 3.77 0.01	55.23 3.52 0.01	53.19 3.39 0.01	51.04 3.21 0.01	48.33 2.95 0.01	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_GT2_1 24094	57.15 2.88 0.00	53.33 2.59 0.00	48.16 2.42 0.00	47.23 2.42 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_GT2_2 24095	57.15 2.88 0.00	53.33 2.59 0.00	48.16 2.42 0.00	47.23 2.42 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_GT2_3 24096	57.15 2.88 0.00	53.33 2.59 0.00	48.16 2.42 0.00	47.23 2.42 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_GT2_4 24097	57.15 2.88 0.00	53.33 2.59 0.00	48.16 2.42 0.00	47.23 2.42 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_GT3_1 24098	57.15 2.88 0.00	53.33 2.59 0.00	48.16 2.42 0.00	47.23 2.42 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_GT3_2 24099	57.15 2.88 0.00	53.33 2.59 0.00	48.16 2.42 0.00	47.23 2.42 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_GT3_3 24100	57.15 2.88 0.00	53.33 2.59 0.00	48.16 2.42 0.00	47.23 2.42 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_GT3_4 24101	57.15 2.88 0.00	53.33 2.59 0.00	48.16 2.42 0.00	47.23 2.42 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_GT4_1 24102	57.15 2.88 0.00	53.33 2.59 0.00	48.16 2.42 0.00	47.23 2.42 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_GT4_2 24103	57.15 2.88 0.00	53.33 2.59 0.00	48.16 2.42 0.00	47.23 2.42 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_GT4_3 24104	57.15 2.88 0.00	53.33 2.59 0.00	48.16 2.42 0.00	47.23 2.42 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.16 2.64 0.00	43.94 2.49 0.00

ASTORIA_GT4_4 24105	57.15 2.88 0.00	53.33 2.59 0.00	48.16 2.42 0.00	47.23 2.42 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.16 2.64 0.00	43.94 2.49 0.00
ASTORIA_GT_1 23523	57.20 2.93 0.00	53.38 2.64 0.00	48.35 2.61 0.00	47.23 2.42 0.00	44.45 2.12 0.00	46.58 2.26 0.01	47.44 2.47 0.01	43.20 2.56 0.01	50.08 3.10 0.01	53.53 3.22 0.01	52.79 3.18 0.01	51.15 3.12 0.01	50.69 3.09 0.01	49.08 2.99 0.01	50.59 3.09 0.01	51.55 3.19 0.01	55.20 3.61 0.01	58.64 3.94 0.01	55.33 3.62 0.01	53.29 3.49 0.01	51.13 3.30 0.01	48.47 3.09 0.01	45.29 2.76 0.00	44.02 2.57 0.00
ASTORIA_GT_10 24110	57.31 3.04 0.00	53.54 2.79 0.00	48.26 2.52 0.00	47.32 2.51 0.00	44.58 2.24 0.00	46.73 2.39 0.00	47.62 2.65 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.68 3.37 0.00	52.99 3.37 0.00	51.31 3.27 0.00	50.80 3.19 0.00	49.18 3.09 0.00	50.74 3.23 0.00	51.65 3.29 0.00	55.16 3.56 0.00	58.48 3.77 0.00	55.34 3.62 0.00	53.45 3.64 0.00	51.29 3.44 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.98 2.53 0.00
ASTORIA_GT_11 24225	57.31 3.04 0.00	53.54 2.79 0.00	48.26 2.52 0.00	47.32 2.51 0.00	44.58 2.24 0.00	46.73 2.39 0.00	47.62 2.65 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.68 3.37 0.00	52.99 3.37 0.00	51.31 3.27 0.00	50.80 3.19 0.00	49.18 3.09 0.00	50.74 3.23 0.00	51.65 3.29 0.00	55.16 3.56 0.00	58.48 3.77 0.00	55.34 3.62 0.00	53.45 3.64 0.00	51.29 3.44 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.98 2.53 0.00
ASTORIA_GT_12 24226	57.31 3.04 0.00	53.54 2.79 0.00	48.26 2.52 0.00	47.32 2.51 0.00	44.58 2.24 0.00	46.73 2.39 0.00	47.62 2.65 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.68 3.37 0.00	52.99 3.37 0.00	51.31 3.27 0.00	50.80 3.19 0.00	49.18 3.09 0.00	50.74 3.23 0.00	51.65 3.29 0.00	55.16 3.56 0.00	58.48 3.77 0.00	55.34 3.62 0.00	53.45 3.64 0.00	51.29 3.44 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.98 2.53 0.00
ASTORIA_GT_13 24227	57.31 3.04 0.00	53.54 2.79 0.00	48.26 2.52 0.00	47.32 2.51 0.00	44.58 2.24 0.00	46.73 2.39 0.00	47.62 2.65 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.68 3.37 0.00	52.99 3.37 0.00	51.31 3.27 0.00	50.80 3.19 0.00	49.18 3.09 0.00	50.74 3.23 0.00	51.65 3.29 0.00	55.16 3.56 0.00	58.48 3.77 0.00	55.34 3.62 0.00	53.45 3.64 0.00	51.29 3.44 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.98 2.53 0.00
ASTORIA_GT_5 24106	57.20 2.93 0.00	53.38 2.64 0.00	48.26 2.52 0.00	47.28 2.46 0.00	44.49 2.16 0.00	46.59 2.26 0.00	47.49 2.52 0.00	43.21 2.56 0.00	50.09 3.10 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.16 3.12 0.00	50.70 3.09 0.00	49.09 3.00 0.00	50.60 3.09 0.00	51.51 3.14 0.00	55.00 3.41 0.00	58.37 3.67 0.00	55.19 3.47 0.00	53.30 3.49 0.00	51.14 3.30 0.00	48.38 3.00 0.00	45.25 2.72 0.00	44.02 2.57 0.00
ASTORIA_GT_7 24107	57.20 2.93 0.00	53.38 2.64 0.00	48.26 2.52 0.00	47.28 2.46 0.00	44.49 2.16 0.00	46.59 2.26 0.00	47.49 2.52 0.00	43.21 2.56 0.00	50.09 3.10 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.16 3.12 0.00	50.70 3.09 0.00	49.09 3.00 0.00	50.60 3.09 0.00	51.51 3.14 0.00	55.00 3.41 0.00	58.37 3.67 0.00	55.19 3.47 0.00	53.30 3.49 0.00	51.14 3.30 0.00	48.38 3.00 0.00	45.25 2.72 0.00	44.02 2.57 0.00
ASTORIA_GT_8 24108	57.20 2.93 0.00	53.38 2.64 0.00	48.26 2.52 0.00	47.28 2.46 0.00	44.49 2.16 0.00	46.59 2.26 0.00	47.49 2.52 0.00	43.21 2.56 0.00	50.09 3.10 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.16 3.12 0.00	50.70 3.09 0.00	49.09 3.00 0.00	50.60 3.09 0.00	51.51 3.14 0.00	55.00 3.41 0.00	58.37 3.67 0.00	55.19 3.47 0.00	53.30 3.49 0.00	51.14 3.30 0.00	48.38 3.00 0.00	45.25 2.72 0.00	44.02 2.57 0.00
ASTORIA___2 24149	57.15 2.87 0.00	53.33 2.59 0.00	48.25 2.51 0.00	47.18 2.37 0.00	44.41 2.07 0.00	46.54 2.22 0.01	47.39 2.43 0.01	43.12 2.48 0.01	49.99 3.01 0.01	53.42 3.12 0.01	52.74 3.13 0.01	51.06 3.03 0.01	50.60 3.00 0.01	48.99 2.91 0.01	50.50 3.00 0.01	51.46 3.10 0.01	55.10 3.51 0.01	58.53 3.83 0.01	55.23 3.52 0.01	53.19 3.39 0.01	51.04 3.21 0.01	48.37 2.99 0.01	45.21 2.68 0.00	43.94 2.49 0.00
ASTORIA___3 23516	57.31 3.04 0.00	53.53 2.79 0.00	48.35 2.61 0.00	47.27 2.46 0.00	44.54 2.20 0.00	46.73 2.39 0.00	47.58 2.61 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.68 3.37 0.00	52.99 3.38 0.00	51.31 3.27 0.00	50.80 3.19 0.00	49.18 3.09 0.00	50.75 3.23 0.00	51.70 3.33 0.00	55.36 3.76 0.00	58.81 4.11 0.00	55.49 3.77 0.00	53.45 3.63 0.00	51.29 3.45 0.00	48.52 3.13 0.00	45.29 2.76 0.00	43.98 2.53 0.00
ASTORIA___4 23517	57.31 3.04 0.00	53.54 2.79 0.00	48.26 2.52 0.00	47.32 2.51 0.00	44.58 2.24 0.00	46.73 2.39 0.00	47.62 2.65 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.68 3.37 0.00	52.99 3.37 0.00	51.31 3.27 0.00	50.80 3.19 0.00	49.18 3.09 0.00	50.74 3.23 0.00	51.65 3.29 0.00	55.16 3.56 0.00	58.48 3.77 0.00	55.34 3.62 0.00	53.45 3.64 0.00	51.29 3.44 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.98 2.53 0.00
ASTORIA___5 23518	57.31 3.04 0.00	53.53 2.79 0.00	48.35 2.61 0.00	47.27 2.46 0.00	44.54 2.20 0.00	46.73 2.39 0.00	47.58 2.61 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.68 3.37 0.00	52.99 3.38 0.00	51.31 3.27 0.00	50.80 3.19 0.00	49.18 3.09 0.00	50.75 3.23 0.00	51.70 3.33 0.00	55.36 3.76 0.00	58.81 4.11 0.00	55.49 3.77 0.00	53.45 3.63 0.00	51.29 3.45 0.00	48.52 3.13 0.00	45.29 2.76 0.00	43.98 2.53 0.00
AST_ENERGY_2_CC3 323677	50.44 2.71 6.54	50.44 2.44 2.74	47.98 2.24 0.00	46.92 2.11 0.00	44.24 1.91 0.00	46.44 2.13 0.02	47.29 2.34 0.02	42.99 2.36 0.02	49.84 2.87 0.02	52.73 3.02 0.60	48.68 3.03 3.96	48.68 2.93 2.29	48.68 2.86 1.79	48.68 2.77 0.18	48.68 2.90 1.73	48.68 3.00 2.68	48.68 3.35 6.27	48.68 3.67 9.70	49.38 3.36 5.70	48.68 3.29 4.42	48.68 3.06 2.23	48.19 2.81 0.02	44.94 2.42 0.01	43.64 2.20 0.00
AST_ENERGY_2_CC4 323678	50.44 2.71 6.54	50.44 2.44 2.74	47.98 2.24 0.00	46.92 2.11 0.00	44.24 1.91 0.00	46.44 2.13 0.02	47.29 2.34 0.02	42.99 2.36 0.02	49.84 2.87 0.02	52.73 3.02 0.60	48.68 3.03 3.96	48.68 2.93 2.29	48.68 2.86 1.79	48.68 2.77 0.18	48.68 2.90 1.73	48.68 3.00 2.68	48.68 3.35 6.27	48.68 3.67 9.70	49.38 3.36 5.70	48.68 3.29 4.42	48.68 3.06 2.23	48.19 2.81 0.02	44.94 2.42 0.01	43.64 2.20 0.00

ATHENS_STG_1 23668	55.96 1.68 0.00	52.22 1.47 0.00	47.11 1.37 0.00	46.15 1.34 0.00	43.56 1.23 0.00	45.66 1.33 0.00	46.41 1.44 0.00	41.99 1.34 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.20 1.59 0.00	49.53 1.49 0.00	49.09 1.48 0.00	47.57 1.47 0.00	49.03 1.52 0.00	49.91 1.55 0.00	53.30 1.70 0.00	56.73 2.03 0.00	53.53 1.81 0.00	51.55 1.74 0.00	49.47 1.63 0.00	46.88 1.50 0.00	43.85 1.32 0.00	42.61 1.16 0.00
ATHENS_STG_2 23670	55.96 1.68 0.00	52.22 1.47 0.00	47.11 1.37 0.00	46.15 1.34 0.00	43.56 1.23 0.00	45.66 1.33 0.00	46.41 1.44 0.00	41.99 1.34 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.20 1.59 0.00	49.53 1.49 0.00	49.09 1.48 0.00	47.57 1.47 0.00	49.03 1.52 0.00	49.91 1.55 0.00	53.30 1.70 0.00	56.73 2.03 0.00	53.53 1.81 0.00	51.55 1.74 0.00	49.47 1.63 0.00	46.88 1.50 0.00	43.85 1.32 0.00	42.61 1.16 0.00
ATHENS_STG_3 23677	55.96 1.68 0.00	52.22 1.47 0.00	47.11 1.37 0.00	46.15 1.34 0.00	43.56 1.23 0.00	45.66 1.33 0.00	46.41 1.44 0.00	41.99 1.34 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.20 1.59 0.00	49.53 1.49 0.00	49.09 1.48 0.00	47.57 1.47 0.00	49.03 1.52 0.00	49.91 1.55 0.00	53.30 1.70 0.00	56.73 2.03 0.00	53.53 1.81 0.00	51.55 1.74 0.00	49.47 1.63 0.00	46.88 1.50 0.00	43.85 1.32 0.00	42.61 1.16 0.00
AUBURN___LFGE 323710	53.30 -0.98 0.00	49.73 -1.01 0.00	44.83 -0.91 0.00	43.87 -0.94 0.00	41.45 -0.89 0.00	43.53 -0.80 0.00	44.16 -0.81 0.00	39.84 -0.81 0.00	46.05 -0.94 0.00	49.20 -1.11 0.00	48.77 -0.84 0.00	47.22 -0.82 0.00	46.80 -0.81 0.00	45.22 -0.88 0.00	46.61 -0.90 0.00	47.64 -0.73 0.00	50.82 -0.77 0.00	53.94 -0.77 0.00	51.05 -0.67 0.00	49.11 -0.70 0.00	47.13 -0.72 0.00	44.80 -0.59 0.00	41.85 -0.68 0.00	40.79 -0.66 0.00
BABYLON_RES_REC 323704	58.45 4.18 0.00	54.40 3.66 0.00	49.44 3.70 0.00	48.26 3.45 0.00	45.60 3.26 0.00	47.75 3.41 0.00	48.61 3.64 0.00	44.48 3.82 -0.01	53.03 4.47 -1.57	62.49 4.58 -7.60	55.31 4.51 -1.18	55.49 4.42 -3.03	55.64 4.29 -3.75	54.65 4.15 -4.40	56.67 4.37 -4.79	54.95 4.64 -1.94	56.71 5.11 -0.01	60.18 5.47 0.00	56.89 5.17 0.00	55.38 4.88 -0.68	53.61 4.55 -1.22	50.38 4.27 -0.73	46.27 3.74 0.00	44.68 3.24 0.00
BABYLON___69_KV_BK2 356345	59.21 4.94 0.00	55.06 4.31 0.00	49.77 4.03 0.00	49.07 4.26 0.00	46.31 3.98 0.00	48.32 3.99 0.00	49.42 4.45 0.00	45.05 4.39 -0.01	53.65 5.12 -1.54	63.06 5.28 -7.46	56.03 5.26 -1.16	56.20 5.19 -2.98	56.28 5.00 -3.67	55.30 4.89 -4.32	57.40 5.18 -4.70	55.69 5.42 -1.91	57.44 5.83 -0.01	60.78 6.07 0.00	57.57 5.84 0.00	56.16 5.68 -0.67	54.30 5.26 -1.19	51.01 4.90 -0.72	46.82 4.30 0.00	45.26 3.81 0.00
BALL_HILL_WT_PWR 323825	49.82 -4.45 0.00	46.53 -4.21 0.00	41.81 -3.93 0.00	40.96 -3.85 0.00	38.78 -3.56 0.00	40.61 -3.72 0.00	40.92 -4.05 0.00	36.10 -4.55 0.00	41.68 -5.31 0.00	44.53 -5.78 0.00	44.31 -5.31 0.00	43.14 -4.90 0.00	42.80 -4.81 0.00	41.35 -4.75 0.00	42.48 -5.04 0.00	43.82 -4.55 0.00	46.33 -5.26 0.00	49.46 -5.25 0.00	46.44 -5.28 0.00	45.18 -4.63 0.00	43.44 -4.40 0.00	41.26 -4.13 0.00	39.59 -2.93 0.00	38.84 -2.61 0.00
BARON_WINDS___WT_PWR 323822	51.51 -2.77 0.00	48.05 -2.69 0.00	43.32 -2.43 0.00	42.35 -2.46 0.00	40.05 -2.29 0.00	41.98 -2.35 0.00	42.45 -2.52 0.00	37.76 -2.89 0.00	43.46 -3.53 0.00	46.28 -4.03 0.00	45.95 -3.67 0.00	44.72 -3.31 0.00	44.47 -3.14 0.00	43.01 -3.09 0.00	44.33 -3.18 0.00	45.56 -2.81 0.00	48.35 -3.25 0.00	51.59 -3.12 0.00	48.56 -3.16 0.00	46.97 -2.84 0.00	45.12 -2.73 0.00	42.85 -2.54 0.00	40.53 -2.00 0.00	39.67 -1.78 0.00
BARRETT_IC_1 23704	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00
BARRETT_IC_10 23701	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00
BARRETT_IC_11 23702	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00
BARRETT_IC_12 23703	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00
BARRETT_IC_2 23705	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00
BARRETT_IC_3 23706	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00
BARRETT_IC_4 23707	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00

BARRETT_IC_5 23708	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00
BARRETT_IC_6 23709	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00
BARRETT_IC_7 23710	57.69 3.42 0.00	53.84 3.10 0.00	48.62 2.88 0.00	47.86 3.05 0.00	45.17 2.84 0.00	47.17 2.84 0.00	48.21 3.24 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.25 3.23 -3.92	55.04 3.37 -4.16	53.73 3.68 -1.69	55.47 3.87 -0.01	58.70 3.99 0.00	55.65 3.93 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.38 3.36 -0.64	45.63 3.10 0.00	44.19 2.74 0.00
BARRETT_IC_8 23711	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00
BARRETT_IC_9 23700	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00
BARRETT___1 23545	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00
BARRETT___2 23546	57.69 3.42 0.00	53.84 3.10 0.00	48.85 3.11 0.00	47.72 2.91 0.00	45.09 2.75 0.00	47.17 2.84 0.00	48.07 3.10 0.00	43.87 3.21 -0.01	52.07 3.71 -1.37	60.57 3.67 -6.59	54.17 3.52 -1.03	54.13 3.46 -2.63	54.41 3.33 -3.47	53.24 3.23 -3.92	55.04 3.37 -4.16	53.73 3.67 -1.69	55.58 3.97 -0.01	59.09 4.38 0.00	55.86 4.14 0.00	54.24 3.84 -0.60	52.49 3.59 -1.06	49.43 3.41 -0.64	45.67 3.15 0.00	44.18 2.74 0.00
BATAVIA__115KV_TB1 55881	50.42 -3.85 0.00	47.14 -3.60 0.00	42.40 -3.34 0.00	41.36 -3.45 0.00	39.29 -3.05 0.00	41.27 -3.06 0.00	41.42 -3.55 0.00	36.79 -3.86 0.00	42.53 -4.46 0.00	45.33 -4.98 0.00	45.25 -4.37 0.00	43.86 -4.18 0.00	43.52 -4.09 0.00	41.99 -4.10 0.00	43.19 -4.32 0.00	44.50 -3.87 0.00	47.73 -3.87 0.00	50.44 -4.27 0.00	47.89 -3.83 0.00	45.93 -3.89 0.00	44.16 -3.68 0.00	42.21 -3.18 0.00	39.76 -2.76 0.00	39.13 -2.32 0.00
BAYONEEC___CTG1 323682	57.09 2.82 0.00	53.28 2.54 0.00	48.07 2.33 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.50 2.17 0.00	47.40 2.43 0.00	43.09 2.44 0.00	49.95 2.96 0.00	53.43 3.12 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	55.05 3.46 0.00	58.43 3.72 0.00	55.19 3.47 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.29 2.91 0.00	45.04 2.51 0.00	43.69 2.24 0.00
BAYONEEC___CTG10 323750	57.09 2.82 0.00	53.28 2.54 0.00	48.07 2.33 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.50 2.17 0.00	47.40 2.43 0.00	43.09 2.44 0.00	49.95 2.96 0.00	53.43 3.12 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	55.05 3.46 0.00	58.43 3.72 0.00	55.19 3.47 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.29 2.91 0.00	45.04 2.51 0.00	43.69 2.24 0.00
BAYONEEC___CTG2 323683	57.09 2.82 0.00	53.28 2.54 0.00	48.07 2.33 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.50 2.17 0.00	47.40 2.43 0.00	43.09 2.44 0.00	49.95 2.96 0.00	53.43 3.12 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	55.05 3.46 0.00	58.43 3.72 0.00	55.19 3.47 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.29 2.91 0.00	45.04 2.51 0.00	43.69 2.24 0.00
BAYONEEC___CTG3 323684	57.09 2.82 0.00	53.28 2.54 0.00	48.07 2.33 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.50 2.17 0.00	47.40 2.43 0.00	43.09 2.44 0.00	49.95 2.96 0.00	53.43 3.12 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	55.05 3.46 0.00	58.43 3.72 0.00	55.19 3.47 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.29 2.91 0.00	45.04 2.51 0.00	43.69 2.24 0.00
BAYONEEC___CTG4 323685	57.09 2.82 0.00	53.28 2.54 0.00	48.07 2.33 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.50 2.17 0.00	47.40 2.43 0.00	43.09 2.44 0.00	49.95 2.96 0.00	53.43 3.12 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	55.05 3.46 0.00	58.43 3.72 0.00	55.19 3.47 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.29 2.91 0.00	45.04 2.51 0.00	43.69 2.24 0.00
BAYONEEC___CTG5 323686	57.09 2.82 0.00	53.28 2.54 0.00	48.07 2.33 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.50 2.17 0.00	47.40 2.43 0.00	43.09 2.44 0.00	49.95 2.96 0.00	53.43 3.12 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	55.05 3.46 0.00	58.43 3.72 0.00	55.19 3.47 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.29 2.91 0.00	45.04 2.51 0.00	43.69 2.24 0.00
BAYONEEC___CTG6 323687	57.09 2.82 0.00	53.28 2.54 0.00	48.07 2.33 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.50 2.17 0.00	47.40 2.43 0.00	43.09 2.44 0.00	49.95 2.96 0.00	53.43 3.12 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	55.05 3.46 0.00	58.43 3.72 0.00	55.19 3.47 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.29 2.91 0.00	45.04 2.51 0.00	43.69 2.24 0.00

BAYONEEC___CTG7 323688	57.09 2.82 0.00	53.28 2.54 0.00	48.07 2.33 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.50 2.17 0.00	47.40 2.43 0.00	43.09 2.44 0.00	49.95 2.96 0.00	53.43 3.12 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	55.05 3.46 0.00	58.43 3.72 0.00	55.19 3.47 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.29 2.91 0.00	45.04 2.51 0.00	43.69 2.24 0.00
BAYONEEC___CTG8 323689	57.09 2.82 0.00	53.28 2.54 0.00	48.07 2.33 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.50 2.17 0.00	47.40 2.43 0.00	43.09 2.44 0.00	49.95 2.96 0.00	53.43 3.12 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	55.05 3.46 0.00	58.43 3.72 0.00	55.19 3.47 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.29 2.91 0.00	45.04 2.51 0.00	43.69 2.24 0.00
BAYONEEC___CTG9 323749	57.09 2.82 0.00	53.28 2.54 0.00	48.07 2.33 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.50 2.17 0.00	47.40 2.43 0.00	43.09 2.44 0.00	49.95 2.96 0.00	53.43 3.12 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	55.05 3.46 0.00	58.43 3.72 0.00	55.19 3.47 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.29 2.91 0.00	45.04 2.51 0.00	43.69 2.24 0.00
BEACON___LESR 323632	56.88 2.60 0.00	52.92 2.18 0.00	47.80 2.06 0.00	46.78 1.97 0.00	44.20 1.86 0.00	46.37 2.04 0.00	47.13 2.16 0.00	42.60 1.95 0.00	49.34 2.35 0.00	52.88 2.56 0.00	51.90 2.28 0.00	50.20 2.16 0.00	49.75 2.14 0.00	48.12 2.03 0.00	49.60 2.09 0.00	50.25 1.88 0.00	53.61 2.01 0.00	57.17 2.46 0.00	53.89 2.17 0.00	51.85 2.04 0.00	49.90 2.06 0.00	47.29 1.91 0.00	44.23 1.70 0.00	43.02 1.57 0.00
BEAVER RIVER___HYD 24048	53.78 -0.49 0.00	50.24 -0.51 0.00	45.24 -0.50 0.00	44.32 -0.49 0.00	41.83 -0.51 0.00	43.71 -0.62 0.00	44.43 -0.54 0.00	40.20 -0.45 0.00	46.38 -0.61 0.00	49.71 -0.60 0.00	49.07 -0.54 0.00	47.46 -0.57 0.00	47.04 -0.57 0.00	45.45 -0.65 0.00	47.37 -0.14 0.00	48.27 -0.10 0.00	51.70 0.10 0.00	54.65 -0.05 0.00	51.51 -0.21 0.00	49.51 -0.30 0.00	47.56 -0.29 0.00	45.12 -0.27 0.00	42.36 -0.17 0.00	41.28 -0.17 0.00
BEEBEE_GT_13 23619	50.96 -3.31 0.00	47.65 -3.10 0.00	42.90 -2.84 0.00	41.94 -2.87 0.00	39.75 -2.58 0.00	41.76 -2.57 0.00	42.09 -2.88 0.00	37.64 -3.01 0.00	43.56 -3.43 0.00	46.49 -3.82 0.00	46.29 -3.32 0.00	44.82 -3.22 0.00	44.47 -3.14 0.00	42.91 -3.18 0.00	44.19 -3.33 0.00	45.32 -3.05 0.00	48.50 -3.10 0.00	51.32 -3.39 0.00	48.67 -3.05 0.00	46.72 -3.09 0.00	44.88 -2.97 0.00	42.75 -2.63 0.00	40.19 -2.34 0.00	39.38 -2.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	57.85 3.58 0.00	55.43 3.35 -1.33	52.66 2.97 -3.95	52.74 2.96 -4.98	52.03 2.67 -7.02	52.70 2.84 -5.53	55.42 3.10 -7.35	55.89 3.05 -12.19	56.65 3.67 -5.99	56.73 3.87 -2.55	56.78 3.87 -3.29	56.71 3.75 -4.92	56.70 3.67 -5.43	56.69 3.60 -7.00	56.70 3.71 -5.48	56.71 3.82 -4.52	56.59 4.13 -0.87	59.20 4.43 -0.06	56.84 4.19 -0.93	56.73 4.18 -2.73	56.95 3.92 -5.18	56.88 3.59 -7.91	56.52 3.19 -10.80	54.65 2.94 -10.26
BETHLEHEM___GRP 23843	56.01 1.74 0.00	52.22 1.47 0.00	47.16 1.42 0.00	46.20 1.39 0.00	43.65 1.31 0.00	45.75 1.42 0.00	46.50 1.53 0.00	42.03 1.38 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.06 1.44 0.00	49.43 1.39 0.00	48.99 1.38 0.00	47.48 1.38 0.00	48.89 1.38 0.00	49.53 1.16 0.00	52.68 1.08 0.00	56.08 1.37 0.00	52.91 1.19 0.00	51.01 1.20 0.00	49.09 1.24 0.00	46.52 1.13 0.00	43.55 1.02 0.00	42.49 1.04 0.00
BETHLEHEM___GS1 323560	56.01 1.74 0.00	52.22 1.47 0.00	47.16 1.42 0.00	46.20 1.39 0.00	43.65 1.31 0.00	45.75 1.42 0.00	46.45 1.48 0.00	42.03 1.38 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.06 1.44 0.00	49.43 1.39 0.00	48.99 1.38 0.00	47.48 1.38 0.00	48.89 1.38 0.00	49.52 1.16 0.00	52.73 1.13 0.00	56.19 1.48 0.00	52.96 1.24 0.00	51.00 1.19 0.00	49.09 1.24 0.00	46.56 1.18 0.00	43.59 1.06 0.00	42.49 1.04 0.00
BETHLEHEM___GS2 323561	56.01 1.74 0.00	52.22 1.47 0.00	47.16 1.42 0.00	46.20 1.39 0.00	43.65 1.31 0.00	45.75 1.42 0.00	46.45 1.48 0.00	42.03 1.38 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.06 1.44 0.00	49.43 1.39 0.00	48.99 1.38 0.00	47.48 1.38 0.00	48.89 1.38 0.00	49.52 1.16 0.00	52.73 1.13 0.00	56.19 1.48 0.00	52.96 1.24 0.00	51.00 1.19 0.00	49.09 1.24 0.00	46.56 1.18 0.00	43.59 1.06 0.00	42.49 1.04 0.00
BETHLEHEM___GS3 323562	56.01 1.74 0.00	52.22 1.47 0.00	47.16 1.42 0.00	46.20 1.39 0.00	43.65 1.31 0.00	45.75 1.42 0.00	46.45 1.48 0.00	42.03 1.38 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.06 1.44 0.00	49.43 1.39 0.00	48.99 1.38 0.00	47.48 1.38 0.00	48.89 1.38 0.00	49.52 1.16 0.00	52.73 1.13 0.00	56.19 1.48 0.00	52.96 1.24 0.00	51.00 1.19 0.00	49.09 1.24 0.00	46.56 1.18 0.00	43.59 1.06 0.00	42.49 1.04 0.00
BETHLEHEM___STEEL 23779	49.88 -4.40 0.00	46.58 -4.16 0.00	41.90 -3.84 0.00	40.91 -3.90 0.00	38.82 -3.51 0.00	40.65 -3.68 0.00	40.79 -4.18 0.00	36.14 -4.51 0.00	41.68 -5.31 0.00	44.47 -5.84 0.00	44.31 -5.31 0.00	43.09 -4.95 0.00	42.75 -4.86 0.00	41.35 -4.75 0.00	42.48 -5.04 0.00	43.77 -4.59 0.00	46.85 -4.75 0.00	49.35 -5.36 0.00	46.91 -4.81 0.00	45.13 -4.68 0.00	43.35 -4.50 0.00	41.44 -3.95 0.00	39.25 -3.27 0.00	38.76 -2.69 0.00
BETHLHEM_115KV_TB1 79974	56.01 1.74 0.00	52.22 1.47 0.00	47.11 1.37 0.00	46.20 1.39 0.00	43.65 1.31 0.00	45.71 1.37 0.00	46.46 1.48 0.00	41.99 1.34 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.06 1.44 0.00	49.43 1.39 0.00	48.99 1.38 0.00	47.43 1.34 0.00	48.89 1.38 0.00	49.53 1.16 0.00	52.73 1.14 0.00	56.13 1.42 0.00	52.96 1.24 0.00	51.06 1.25 0.00	49.14 1.29 0.00	46.57 1.18 0.00	43.59 1.06 0.00	42.49 1.04 0.00
BETHPAGE_CC_5 323564	57.96 3.69 0.00	53.99 3.25 0.00	49.13 3.38 0.00	47.99 3.18 0.00	45.34 3.01 0.00	47.43 3.10 0.00	48.35 3.37 0.00	44.16 3.50 -0.01	52.68 4.04 -1.65	62.38 4.07 -7.99	54.83 3.97 -1.24	55.12 3.89 -3.19	55.34 3.76 -3.97	54.47 3.73 -4.64	56.40 3.85 -5.04	54.47 4.06 -2.04	56.09 4.49 -0.01	59.52 4.82 0.00	56.27 4.55 0.00	54.81 4.28 -0.72	53.19 4.06 -1.28	50.01 3.86 -0.77	45.93 3.40 0.00	44.44 2.99 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.09 -4.18 0.00	46.79 -3.96 0.00	42.08 -3.66 0.00	41.09 -3.72 0.00	38.99 -3.34 0.00	40.83 -3.50 0.00	40.97 -4.00 0.00	36.26 -4.39 0.00	41.82 -5.17 0.00	44.63 -5.69 0.00	44.46 -5.16 0.00	43.23 -4.80 0.00	42.94 -4.67 0.00	41.53 -4.56 0.00	42.67 -4.85 0.00	43.96 -4.40 0.00	47.00 -4.59 0.00	49.51 -5.20 0.00	47.07 -4.65 0.00	45.28 -4.53 0.00	43.54 -4.31 0.00	41.57 -3.81 0.00	39.38 -3.15 0.00	38.88 -2.57 0.00

BINGHAMTON___COGEN 23790	53.68 -0.60 0.00	50.08 -0.66 0.00	45.15 -0.59 0.00	44.18 -0.63 0.00	41.74 -0.59 0.00	43.76 -0.58 0.00	44.39 -0.58 0.00	39.92 -0.73 0.00	46.14 -0.85 0.00	49.35 -0.96 0.00	48.82 -0.79 0.00	47.32 -0.72 0.00	46.90 -0.71 0.00	45.36 -0.74 0.00	46.75 -0.76 0.00	47.78 -0.58 0.00	50.98 -0.62 0.00	54.05 -0.66 0.00	51.10 -0.62 0.00	49.21 -0.60 0.00	47.22 -0.62 0.00	44.89 -0.50 0.00	42.02 -0.51 0.00	41.08 -0.37 0.00
BIXINCNT_115KV_LOAD 355685	50.47 -3.80 0.00	47.04 -3.70 0.00	42.36 -3.38 0.00	41.40 -3.41 0.00	39.12 -3.22 0.00	40.87 -3.46 0.00	41.01 -3.96 0.00	36.06 -4.59 0.00	41.59 -5.40 0.00	44.27 -6.04 0.00	44.06 -5.56 0.00	42.75 -5.28 0.00	42.56 -5.05 0.00	41.35 -4.75 0.00	42.57 -4.94 0.00	43.92 -4.45 0.00	46.90 -4.70 0.00	49.46 -5.25 0.00	46.96 -4.76 0.00	45.43 -4.38 0.00	43.59 -4.26 0.00	41.48 -3.90 0.00	39.17 -3.36 0.00	38.71 -2.74 0.00
BLACK RIVER___HYD 24047	54.11 -0.16 0.00	50.54 -0.20 0.00	45.51 -0.23 0.00	44.54 -0.27 0.00	42.04 -0.29 0.00	43.93 -0.40 0.00	44.79 -0.18 0.00	40.45 -0.20 0.00	46.71 -0.28 0.00	50.11 -0.20 0.00	49.42 -0.20 0.00	47.80 -0.24 0.00	47.37 -0.24 0.00	45.77 -0.32 0.00	47.61 0.10 0.00	48.61 0.24 0.00	52.22 0.62 0.00	55.14 0.44 0.00	51.88 0.16 0.00	49.91 0.10 0.00	47.84 0.00 0.00	45.48 0.09 0.00	42.66 0.13 0.00	41.45 0.00 0.00
BLACKRVR_115KV_TB2 79977	54.11 -0.16 0.00	50.54 -0.20 0.00	45.51 -0.23 0.00	44.50 -0.31 0.00	42.00 -0.34 0.00	43.93 -0.40 0.00	44.75 -0.22 0.00	40.45 -0.20 0.00	46.71 -0.28 0.00	50.06 -0.25 0.00	49.42 -0.20 0.00	47.80 -0.24 0.00	47.37 -0.24 0.00	45.77 -0.32 0.00	47.61 0.10 0.00	48.61 0.24 0.00	52.27 0.67 0.00	55.20 0.49 0.00	51.93 0.21 0.00	49.91 0.10 0.00	47.84 0.00 0.00	45.48 0.09 0.00	42.70 0.17 0.00	41.45 0.00 0.00
BLISS_WT_PWR 323608	50.31 -3.96 0.00	46.84 -3.91 0.00	42.22 -3.52 0.00	41.36 -3.45 0.00	38.95 -3.39 0.00	40.65 -3.68 0.00	40.92 -4.05 0.00	35.81 -4.84 0.00	41.30 -5.69 0.00	43.97 -6.34 0.00	43.71 -5.91 0.00	42.42 -5.62 0.00	42.28 -5.33 0.00	41.12 -4.98 0.00	42.34 -5.18 0.00	43.63 -4.74 0.00	46.18 -5.42 0.00	49.24 -5.47 0.00	46.29 -5.43 0.00	45.23 -4.58 0.00	43.40 -4.45 0.00	41.03 -4.36 0.00	39.17 -3.36 0.00	38.51 -2.94 0.00
BLUESTONE___WT_PWR 323821	56.22 1.95 0.00	52.37 1.62 0.00	47.16 1.42 0.00	46.11 1.30 0.00	43.48 1.14 0.00	45.53 1.20 0.00	46.54 1.57 0.00	41.87 1.22 0.00	48.54 1.55 0.00	52.07 1.76 0.00	51.55 1.93 0.00	49.96 1.92 0.00	49.61 2.00 0.00	47.85 1.75 0.00	49.60 2.09 0.00	50.69 2.32 0.00	54.28 2.68 0.00	57.44 2.73 0.00	53.99 2.27 0.00	51.95 2.14 0.00	49.85 2.01 0.00	47.29 1.91 0.00	44.35 1.83 0.00	43.06 1.61 0.00
BLUE_CIRC_CHEM_DRP 24182	56.23 1.95 0.00	52.42 1.67 0.00	47.25 1.51 0.00	46.33 1.52 0.00	43.73 1.40 0.00	45.84 1.51 0.00	46.55 1.57 0.00	42.03 1.38 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.15 1.54 0.00	49.48 1.44 0.00	49.09 1.48 0.00	47.52 1.43 0.00	48.99 1.47 0.00	49.72 1.35 0.00	52.99 1.39 0.00	56.41 1.70 0.00	53.22 1.50 0.00	51.26 1.44 0.00	49.28 1.44 0.00	46.70 1.32 0.00	43.72 1.19 0.00	42.57 1.12 0.00
BOC_GAS_DRP 24189	55.74 1.47 0.00	52.01 1.27 0.00	46.93 1.19 0.00	45.98 1.17 0.00	43.44 1.10 0.00	45.49 1.15 0.00	46.23 1.26 0.00	41.79 1.14 0.00	48.40 1.41 0.00	51.77 1.46 0.00	50.86 1.24 0.00	49.24 1.20 0.00	48.80 1.19 0.00	47.25 1.15 0.00	48.70 1.19 0.00	49.48 1.11 0.00	52.78 1.19 0.00	56.13 1.42 0.00	52.96 1.24 0.00	51.06 1.25 0.00	49.09 1.24 0.00	46.52 1.13 0.00	43.51 0.98 0.00	42.36 0.91 0.00
BOONVILLE_115KV_TB1 79983	54.82 0.54 0.00	51.20 0.46 0.00	46.15 0.41 0.00	45.17 0.36 0.00	42.67 0.34 0.00	44.69 0.35 0.00	45.47 0.49 0.00	41.10 0.45 0.00	47.55 0.56 0.00	50.91 0.60 0.00	50.26 0.65 0.00	48.62 0.58 0.00	48.18 0.57 0.00	46.56 0.46 0.00	48.32 0.81 0.00	49.19 0.82 0.00	52.68 1.08 0.00	55.75 1.04 0.00	52.55 0.83 0.00	50.51 0.70 0.00	48.47 0.62 0.00	46.02 0.64 0.00	43.12 0.60 0.00	41.95 0.50 0.00
BORALEX_4TH_BRANCH 23824	57.42 3.15 0.00	53.54 2.79 0.00	48.26 2.52 0.00	47.45 2.64 0.00	44.83 2.50 0.00	46.99 2.66 0.00	47.80 2.83 0.00	43.25 2.60 0.00	50.04 3.05 0.00	53.58 3.27 0.00	52.30 2.68 0.00	50.49 2.45 0.00	50.13 2.52 0.00	48.58 2.49 0.00	50.03 2.52 0.00	50.88 2.51 0.00	54.33 2.73 0.00	58.21 3.50 0.00	54.82 3.10 0.00	52.90 3.09 0.00	50.76 2.92 0.00	48.06 2.68 0.00	44.87 2.34 0.00	43.52 2.07 0.00
BOWLINE___1 23526	56.82 2.55 0.00	53.03 2.29 0.00	47.85 2.11 0.00	46.78 1.97 0.00	44.11 1.78 0.00	46.33 2.00 0.00	47.09 2.11 0.00	42.76 2.11 0.00	49.53 2.54 0.00	53.03 2.71 0.00	52.24 2.63 0.00	50.58 2.54 0.00	50.08 2.47 0.00	48.49 2.40 0.00	50.03 2.52 0.00	50.98 2.61 0.00	54.53 2.94 0.00	57.99 3.28 0.00	54.72 3.00 0.00	52.70 2.89 0.00	50.57 2.73 0.00	47.88 2.49 0.00	44.70 2.17 0.00	43.36 1.91 0.00
BOWLINE___2 23595	56.82 2.55 0.00	53.03 2.29 0.00	47.85 2.11 0.00	46.78 1.97 0.00	44.11 1.78 0.00	46.33 2.00 0.00	47.09 2.11 0.00	42.76 2.11 0.00	49.53 2.54 0.00	53.03 2.71 0.00	52.24 2.63 0.00	50.58 2.54 0.00	50.08 2.47 0.00	48.49 2.40 0.00	50.03 2.52 0.00	50.98 2.61 0.00	54.53 2.94 0.00	57.99 3.28 0.00	54.72 3.00 0.00	52.70 2.89 0.00	50.57 2.73 0.00	47.88 2.49 0.00	44.70 2.17 0.00	43.36 1.91 0.00
BRADY___115KV_TB2 356060	55.47 1.19 0.00	52.01 1.27 0.00	46.88 1.14 0.00	45.98 1.17 0.00	43.35 1.02 0.00	45.26 0.93 0.00	45.60 0.63 0.00	41.42 0.77 0.00	47.55 0.56 0.00	50.96 0.65 0.00	50.41 0.79 0.00	48.81 0.77 0.00	48.37 0.76 0.00	46.88 0.78 0.00	48.27 0.76 0.00	49.09 0.73 0.00	52.37 0.77 0.00	55.31 0.60 0.00	52.24 0.52 0.00	50.26 0.45 0.00	48.32 0.48 0.00	45.89 0.50 0.00	43.46 0.94 0.00	42.57 1.12 0.00
BRANSCOMB___SOLAR 323811	56.88 2.60 0.00	52.97 2.23 0.00	47.75 2.01 0.00	46.74 1.93 0.00	44.20 1.86 0.00	46.28 1.95 0.00	47.04 2.07 0.00	42.52 1.87 0.00	49.15 2.16 0.00	52.73 2.41 0.00	51.85 2.23 0.00	50.10 2.06 0.00	49.66 2.05 0.00	48.03 1.94 0.00	49.51 2.00 0.00	50.40 2.03 0.00	53.86 2.27 0.00	57.50 2.79 0.00	54.15 2.43 0.00	52.05 2.24 0.00	50.00 2.15 0.00	47.29 1.91 0.00	44.18 1.66 0.00	42.90 1.45 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	59.10 4.83 0.00	54.96 4.21 0.00	49.67 3.93 0.00	48.98 4.17 0.00	46.27 3.94 0.00	48.28 3.95 0.00	49.38 4.41 0.00	45.01 4.35 -0.01	53.53 5.07 -1.46	62.58 5.18 -7.09	55.88 5.16 -1.10	55.91 5.04 -2.83	55.92 4.86 -3.45	54.93 4.75 -4.09	57.02 5.04 -4.47	55.45 5.27 -1.81	57.28 5.68 -0.01	60.62 5.91 0.00	57.46 5.74 0.00	55.92 5.48 -0.63	54.10 5.12 -1.13	50.83 4.77 -0.68	46.69 4.17 0.00	45.14 3.69 0.00



BRISTLHL_115KV_TB1 79998	52.37 -1.90 0.00	48.87 -1.88 0.00	44.05 -1.69 0.00	43.15 -1.66 0.00	40.77 -1.57 0.00	42.74 -1.60 0.00	43.35 -1.62 0.00	39.19 -1.46 0.00	45.30 -1.69 0.00	48.50 -1.81 0.00	47.93 -1.69 0.00	46.41 -1.63 0.00	45.99 -1.62 0.00	44.48 -1.61 0.00	45.85 -1.66 0.00	46.82 -1.55 0.00	49.94 -1.65 0.00	52.96 -1.75 0.00	50.07 -1.66 0.00	48.17 -1.64 0.00	46.26 -1.58 0.00	43.93 -1.45 0.00	41.12 -1.40 0.00	40.04 -1.41 0.00
BROOKHAVEN___DRP 24191	59.27 4.99 0.00	55.06 4.31 0.00	49.77 4.03 0.00	49.11 4.30 0.00	46.36 4.02 0.00	48.32 3.99 0.00	49.47 4.50 0.00	45.09 4.43 -0.01	53.65 5.22 -1.44	62.64 5.33 -6.99	56.11 5.41 -1.08	56.16 5.33 -2.79	55.91 4.90 -3.40	54.87 4.75 -4.02	57.19 5.27 -4.41	55.66 5.51 -1.78	57.49 5.88 -0.01	60.84 6.13 0.00	57.57 5.84 0.00	56.06 5.63 -0.62	54.08 5.12 -1.12	50.87 4.81 -0.67	46.74 4.21 0.00	45.18 3.73 0.00
BROOKLYN_NAVY_YARD 23515	56.98 2.71 0.00	53.18 2.44 0.00	47.98 2.24 0.00	46.92 2.11 0.00	44.24 1.91 0.00	46.46 2.13 0.00	47.35 2.38 0.00	43.05 2.40 0.00	49.95 2.96 0.00	53.38 3.07 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	55.00 3.40 0.00	58.43 3.72 0.00	55.19 3.47 0.00	53.20 3.39 0.00	51.00 3.16 0.00	48.29 2.91 0.00	45.04 2.51 0.00	43.64 2.20 0.00
BROOKLYN___ARMY_DRP 323595	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
BROOKVLE_69_KV_TB1 55790	58.02 3.74 0.00	54.04 3.30 0.00	48.81 3.06 0.00	47.95 3.14 0.00	45.26 2.92 0.00	47.30 2.97 0.00	48.30 3.33 0.00	43.92 3.25 -0.01	53.09 3.85 -2.25	65.18 4.02 -10.84	55.23 3.92 -1.69	56.11 3.75 -4.33	56.85 3.67 -5.57	56.04 3.55 -6.39	58.06 3.71 -6.84	54.96 3.82 -2.77	55.69 4.08 -0.01	58.98 4.27 0.00	55.86 4.14 0.00	54.97 4.18 -0.98	53.55 3.97 -1.74	50.11 3.68 -1.05	45.80 3.27 0.00	44.35 2.90 0.00
BROOME_2_LFGE 323671	53.68 -0.60 0.00	50.08 -0.66 0.00	45.14 -0.60 0.00	44.18 -0.63 0.00	41.74 -0.59 0.00	43.76 -0.58 0.00	44.39 -0.59 0.00	39.92 -0.73 0.00	46.15 -0.84 0.00	49.35 -0.96 0.00	48.82 -0.80 0.00	47.32 -0.72 0.00	46.90 -0.71 0.00	45.36 -0.74 0.00	46.75 -0.76 0.00	47.79 -0.58 0.00	50.92 -0.67 0.00	54.11 -0.60 0.00	51.05 -0.67 0.00	49.22 -0.60 0.00	47.22 -0.62 0.00	44.84 -0.54 0.00	42.10 -0.43 0.00	41.08 -0.37 0.00
BROOME___LFGE 323600	53.68 -0.60 0.00	50.08 -0.66 0.00	45.14 -0.60 0.00	44.18 -0.63 0.00	41.74 -0.59 0.00	43.76 -0.58 0.00	44.39 -0.59 0.00	39.92 -0.73 0.00	46.15 -0.84 0.00	49.35 -0.96 0.00	48.82 -0.80 0.00	47.32 -0.72 0.00	46.90 -0.71 0.00	45.36 -0.74 0.00	46.75 -0.76 0.00	47.79 -0.58 0.00	50.92 -0.67 0.00	54.11 -0.60 0.00	51.05 -0.67 0.00	49.22 -0.60 0.00	47.22 -0.62 0.00	44.84 -0.54 0.00	42.10 -0.43 0.00	41.08 -0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	53.78 -0.49 0.00	50.34 -0.41 0.00	45.33 -0.41 0.00	44.41 -0.40 0.00	41.91 -0.42 0.00	43.71 -0.62 0.00	44.16 -0.81 0.00	40.08 -0.57 0.00	46.14 -0.85 0.00	49.46 -0.86 0.00	48.87 -0.74 0.00	47.32 -0.72 0.00	46.90 -0.71 0.00	45.36 -0.74 0.00	47.04 -0.48 0.00	47.83 -0.53 0.00	51.13 -0.46 0.00	54.05 -0.66 0.00	51.00 -0.72 0.00	49.01 -0.80 0.00	47.08 -0.77 0.00	44.71 -0.68 0.00	42.27 -0.26 0.00	41.28 -0.17 0.00
BROWNSV1_27_KV_LOAD 356125	57.58 3.31 0.00	53.74 2.99 0.00	48.35 2.61 0.00	47.41 2.60 0.00	44.66 2.33 0.00	46.90 2.57 0.00	47.80 2.83 0.00	43.41 2.76 0.00	50.37 3.38 0.00	53.88 3.57 0.00	53.19 3.57 0.00	51.50 3.46 0.00	50.99 3.38 0.00	49.37 3.27 0.00	50.93 3.42 0.00	51.85 3.48 0.00	55.36 3.77 0.00	58.70 3.99 0.00	55.55 3.83 0.00	53.65 3.84 0.00	51.48 3.64 0.00	48.65 3.27 0.00	45.38 2.85 0.00	44.06 2.61 0.00
BURROWS___LYONSDAL 23803	54.54 0.27 0.00	50.95 0.20 0.00	45.88 0.14 0.00	44.94 0.13 0.00	42.42 0.08 0.00	44.42 0.09 0.00	45.20 0.22 0.00	40.85 0.20 0.00	47.27 0.28 0.00	50.61 0.30 0.00	49.91 0.30 0.00	48.28 0.24 0.00	47.90 0.29 0.00	46.23 0.14 0.00	48.13 0.62 0.00	48.99 0.63 0.00	52.47 0.88 0.00	55.48 0.77 0.00	52.29 0.57 0.00	50.31 0.50 0.00	48.27 0.43 0.00	45.79 0.41 0.00	43.00 0.47 0.00	41.78 0.33 0.00
CAITHNESS_CC_1 323624	58.99 4.72 0.00	54.85 4.11 0.00	49.90 4.16 0.00	48.71 3.90 0.00	46.06 3.73 0.00	48.19 3.86 0.00	49.06 4.09 0.00	44.93 4.27 -0.01	53.46 5.03 -1.44	62.38 5.08 -6.99	55.86 5.16 -1.08	55.91 5.09 -2.79	55.77 4.76 -3.40	54.73 4.61 -4.02	57.00 5.09 -4.41	55.47 5.32 -1.78	57.38 5.78 -0.01	60.89 6.18 0.00	57.51 5.79 0.00	55.82 5.38 -0.62	53.94 4.98 -1.12	50.78 4.72 -0.67	46.61 4.08 0.00	45.01 3.57 0.00
CALPINE BETH_PAGE_GT4 24209	57.91 3.64 0.00	53.94 3.20 0.00	48.90 3.16 0.00	48.17 3.36 0.00	45.43 3.09 0.00	47.48 3.15 0.00	48.52 3.55 0.00	44.16 3.50 -0.01	52.68 3.95 -1.75	62.78 4.02 -8.45	54.90 3.97 -1.31	55.30 3.89 -3.37	55.60 3.76 -4.23	54.71 3.69 -4.92	56.64 3.80 -5.32	54.54 4.01 -2.16	55.89 4.28 -0.01	59.14 4.43 0.00	56.07 4.34 0.00	54.85 4.28 -0.76	53.22 4.02 -1.35	50.06 3.86 -0.81	45.93 3.40 0.00	44.48 3.03 0.00
CALPINE_BETH_PAGE_GT_4 323586	57.91 3.64 0.00	53.94 3.20 0.00	49.13 3.38 0.00	47.99 3.18 0.00	45.34 3.01 0.00	47.48 3.15 0.00	48.35 3.37 0.00	44.16 3.50 -0.01	52.68 3.95 -1.75	62.78 4.03 -8.45	54.90 3.97 -1.31	55.30 3.89 -3.37	55.60 3.76 -4.23	54.71 3.69 -4.92	56.69 3.85 -5.32	54.59 4.06 -2.16	56.04 4.44 -0.01	59.47 4.76 0.00	56.22 4.50 0.00	54.85 4.28 -0.76	53.22 4.02 -1.35	50.10 3.90 -0.81	45.97 3.44 0.00	44.47 3.02 0.00
CALPINE_BP_GT1 23823	57.91 3.64 0.00	53.94 3.20 0.00	49.13 3.38 0.00	47.99 3.18 0.00	45.34 3.01 0.00	47.48 3.15 0.00	48.35 3.37 0.00	44.16 3.50 -0.01	52.68 3.95 -1.75	62.78 4.03 -8.45	54.90 3.97 -1.31	55.30 3.89 -3.37	55.60 3.76 -4.23	54.71 3.69 -4.92	56.69 3.85 -5.32	54.59 4.06 -2.16	56.04 4.44 -0.01	59.47 4.76 0.00	56.22 4.50 0.00	54.85 4.28 -0.76	53.22 4.02 -1.35	50.10 3.90 -0.81	45.97 3.44 0.00	44.47 3.02 0.00
CALSPAN___DRP 24200	49.88 -4.40 0.00	46.58 -4.16 0.00	41.90 -3.84 0.00	40.91 -3.90 0.00	38.82 -3.51 0.00	40.65 -3.68 0.00	40.79 -4.18 0.00	36.14 -4.51 0.00	41.68 -5.31 0.00	44.47 -5.84 0.00	44.31 -5.31 0.00	43.09 -4.95 0.00	42.75 -4.86 0.00	41.35 -4.75 0.00	42.48 -5.04 0.00	43.77 -4.59 0.00	46.85 -4.75 0.00	49.35 -5.36 0.00	46.91 -4.81 0.00	45.13 -4.68 0.00	43.35 -4.50 0.00	41.44 -3.95 0.00	39.25 -3.27 0.00	38.76 -2.69 0.00

CALVERTON___SOLAR 323806	59.48 5.21 0.00	55.31 4.57 0.00	50.27 4.53 0.00	49.07 4.26 0.00	46.40 4.06 0.00	48.50 4.17 0.00	49.47 4.50 0.00	45.25 4.59 -0.01	53.88 5.45 -1.44	62.84 5.53 -6.99	56.36 5.65 -1.08	56.40 5.57 -2.79	56.15 5.14 -3.40	55.10 4.98 -4.02	57.48 5.56 -4.41	55.95 5.80 -1.78	57.90 6.29 -0.01	61.49 6.78 0.00	57.98 6.26 0.00	56.26 5.83 -0.62	54.27 5.31 -1.12	51.10 5.04 -0.67	46.91 4.38 0.00	45.30 3.86 0.00
CANDIGU_WT_PWR 323617	51.51 -2.77 0.00	48.05 -2.69 0.00	43.32 -2.43 0.00	42.35 -2.46 0.00	40.05 -2.29 0.00	41.98 -2.35 0.00	42.45 -2.52 0.00	37.76 -2.89 0.00	43.46 -3.53 0.00	46.28 -4.03 0.00	45.95 -3.67 0.00	44.72 -3.31 0.00	44.47 -3.14 0.00	43.01 -3.09 0.00	44.33 -3.18 0.00	45.56 -2.81 0.00	48.35 -3.25 0.00	51.59 -3.12 0.00	48.56 -3.16 0.00	46.97 -2.84 0.00	45.12 -2.73 0.00	42.85 -2.54 0.00	40.53 -2.00 0.00	39.67 -1.78 0.00
CARR STREET_E__SYR 24060	52.59 -1.68 0.00	49.12 -1.63 0.00	44.41 -1.33 0.00	43.47 -1.34 0.00	41.11 -1.23 0.00	43.09 -1.24 0.00	43.76 -1.21 0.00	39.47 -1.18 0.00	45.63 -1.36 0.00	48.80 -1.51 0.00	48.23 -1.39 0.00	46.74 -1.29 0.00	46.33 -1.28 0.00	44.76 -1.34 0.00	46.18 -1.33 0.00	47.11 -1.26 0.00	50.20 -1.39 0.00	53.40 -1.31 0.00	50.38 -1.35 0.00	48.52 -1.30 0.00	46.60 -1.24 0.00	44.21 -1.18 0.00	41.47 -1.06 0.00	40.37 -1.08 0.00
CARTHAGE___PAPER 23857	53.90 -0.38 0.00	50.39 -0.35 0.00	45.37 -0.37 0.00	44.41 -0.40 0.00	41.91 -0.42 0.00	43.85 -0.49 0.00	44.61 -0.36 0.00	40.32 -0.33 0.00	46.57 -0.42 0.00	49.91 -0.40 0.00	49.22 -0.40 0.00	47.61 -0.43 0.00	47.18 -0.43 0.00	45.59 -0.51 0.00	47.47 -0.05 0.00	48.41 0.05 0.00	51.96 0.36 0.00	54.93 0.22 0.00	51.72 0.00 0.00	49.71 -0.10 0.00	47.70 -0.14 0.00	45.30 -0.09 0.00	42.48 -0.04 0.00	41.37 -0.08 0.00
CASSADAGA_WT_PWR 323784	50.26 -4.02 0.00	46.94 -3.81 0.00	42.08 -3.66 0.00	41.14 -3.67 0.00	38.99 -3.35 0.00	40.83 -3.50 0.00	41.19 -3.78 0.00	36.42 -4.23 0.00	42.06 -4.93 0.00	45.03 -5.28 0.00	44.90 -4.71 0.00	43.76 -4.28 0.00	43.47 -4.14 0.00	41.53 -4.56 0.00	42.86 -4.65 0.00	44.64 -3.72 0.00	47.26 -4.33 0.00	50.44 -4.27 0.00	47.32 -4.40 0.00	46.02 -3.79 0.00	44.21 -3.64 0.00	41.98 -3.40 0.00	40.23 -2.30 0.00	39.46 -1.99 0.00
CE_DUNWOOD___DRP 24194	57.15 2.88 0.00	53.33 2.59 0.00	48.03 2.29 0.00	47.10 2.29 0.00	44.41 2.07 0.00	46.59 2.26 0.00	47.44 2.47 0.00	43.05 2.40 0.00	49.90 2.91 0.00	53.38 3.07 0.00	52.64 3.03 0.00	50.92 2.88 0.00	50.42 2.81 0.00	48.86 2.77 0.00	50.36 2.85 0.00	51.32 2.95 0.00	54.74 3.15 0.00	58.16 3.45 0.00	54.98 3.26 0.00	53.05 3.24 0.00	50.91 3.06 0.00	48.16 2.77 0.00	44.95 2.42 0.00	43.65 2.20 0.00
CE_MILLWOOD___DRP 24193	57.04 2.77 0.00	53.23 2.49 0.00	47.98 2.24 0.00	47.05 2.24 0.00	44.37 2.03 0.00	46.51 2.17 0.00	47.35 2.38 0.00	42.97 2.32 0.00	49.76 2.77 0.00	53.28 2.97 0.00	52.49 2.88 0.00	50.82 2.79 0.00	50.32 2.71 0.00	48.72 2.63 0.00	50.27 2.76 0.00	51.17 2.81 0.00	54.64 3.04 0.00	58.05 3.34 0.00	54.88 3.15 0.00	52.95 3.14 0.00	50.81 2.97 0.00	48.06 2.68 0.00	44.87 2.34 0.00	43.56 2.11 0.00
CE_NYC2_DRP 24202	57.37 3.09 0.00	53.59 2.84 0.00	48.30 2.56 0.00	47.32 2.51 0.00	44.58 2.24 0.00	46.77 2.44 0.00	47.67 2.70 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.73 3.42 0.00	52.99 3.37 0.00	51.31 3.27 0.00	50.85 3.24 0.00	49.23 3.13 0.00	50.74 3.23 0.00	51.70 3.34 0.00	55.21 3.61 0.00	58.54 3.83 0.00	55.39 3.67 0.00	53.45 3.64 0.00	51.29 3.44 0.00	48.47 3.09 0.00	45.29 2.76 0.00	43.98 2.53 0.00
CE_NYC_DRP 24195	56.69 2.93 0.51	53.17 2.64 0.21	48.07 2.33 0.00	47.14 2.33 0.00	44.41 2.07 0.00	46.59 2.26 0.00	47.49 2.52 0.00	43.13 2.48 0.00	50.04 3.05 0.00	53.48 3.22 0.05	52.53 3.23 0.31	50.94 3.07 0.18	50.52 3.05 0.14	49.03 2.95 0.01	50.42 3.04 0.13	51.30 3.14 0.21	54.51 3.41 0.49	57.56 3.61 0.76	54.74 3.47 0.44	52.90 3.44 0.34	50.92 3.25 0.17	48.29 2.90 0.00	45.08 2.55 0.00	43.77 2.32 0.00
CHAFFEE___LFGE 323603	50.09 -4.18 0.00	46.73 -4.01 0.00	42.04 -3.70 0.00	41.14 -3.67 0.00	38.99 -3.35 0.00	40.83 -3.50 0.00	41.15 -3.82 0.00	36.26 -4.39 0.00	41.87 -5.12 0.00	44.68 -5.63 0.00	44.51 -5.11 0.00	43.28 -4.76 0.00	42.95 -4.66 0.00	41.53 -4.56 0.00	42.62 -4.89 0.00	43.87 -4.50 0.00	46.39 -5.21 0.00	49.51 -5.20 0.00	46.55 -5.17 0.00	45.28 -4.53 0.00	43.54 -4.31 0.00	41.35 -4.04 0.00	39.63 -2.89 0.00	38.88 -2.57 0.00
CHATEAUG_35_KV_LOAD 355732	55.63 1.36 0.00	52.17 1.42 0.00	47.02 1.28 0.00	46.11 1.30 0.00	43.48 1.14 0.00	45.44 1.11 0.00	45.65 0.67 0.00	41.26 0.61 0.00	47.60 0.61 0.00	51.07 0.75 0.00	50.51 0.89 0.00	48.90 0.86 0.00	48.51 0.90 0.00	47.06 0.97 0.00	48.32 0.81 0.00	49.09 0.73 0.00	52.21 0.62 0.00	55.20 0.49 0.00	52.13 0.41 0.00	50.16 0.35 0.00	48.23 0.38 0.00	45.79 0.41 0.00	43.04 0.51 0.00	42.28 0.83 0.00
CHATEAUG_WT_PWR 323614	55.57 1.30 0.00	52.11 1.37 0.00	46.93 1.19 0.00	46.06 1.25 0.00	43.48 1.14 0.00	45.39 1.06 0.00	45.55 0.58 0.00	41.18 0.53 0.00	47.51 0.52 0.00	50.96 0.65 0.00	50.36 0.75 0.00	48.76 0.72 0.00	48.32 0.72 0.00	46.92 0.83 0.00	48.18 0.66 0.00	48.95 0.58 0.00	52.06 0.46 0.00	54.82 0.11 0.00	51.93 0.21 0.00	49.96 0.15 0.00	48.04 0.19 0.00	45.57 0.18 0.00	42.74 0.21 0.00	42.15 0.70 0.00
CHAT_HIGH_FALL_HYD 323578	55.63 1.36 0.00	52.17 1.42 0.00	47.02 1.28 0.00	46.11 1.30 0.00	43.48 1.14 0.00	45.44 1.11 0.00	45.65 0.67 0.00	41.26 0.61 0.00	47.60 0.61 0.00	51.07 0.75 0.00	50.51 0.89 0.00	48.90 0.86 0.00	48.51 0.90 0.00	47.06 0.97 0.00	48.32 0.81 0.00	49.09 0.73 0.00	52.21 0.62 0.00	55.20 0.49 0.00	52.13 0.41 0.00	50.16 0.35 0.00	48.23 0.38 0.00	45.79 0.41 0.00	43.04 0.51 0.00	42.28 0.83 0.00
CHAUTAUQUA___LFGE 323629	49.93 -4.34 0.00	46.64 -4.11 0.00	41.90 -3.84 0.00	41.00 -3.81 0.00	38.82 -3.51 0.00	40.65 -3.68 0.00	41.01 -3.96 0.00	36.18 -4.47 0.00	41.77 -5.22 0.00	44.68 -5.63 0.00	44.51 -5.11 0.00	43.38 -4.66 0.00	43.04 -4.57 0.00	41.49 -4.61 0.00	42.62 -4.89 0.00	44.11 -4.26 0.00	46.64 -4.95 0.00	49.79 -4.92 0.00	46.76 -4.97 0.00	45.48 -4.33 0.00	43.73 -4.11 0.00	41.53 -3.86 0.00	39.85 -2.68 0.00	39.04 -2.41 0.00
CHERRYST_13_KV_LD 356241	56.80 3.04 0.51	53.27 2.74 0.21	48.16 2.42 0.00	47.23 2.42 0.00	44.49 2.16 0.00	46.73 2.39 0.00	47.62 2.65 0.00	43.25 2.60 0.00	50.19 3.20 0.00	53.64 3.37 0.05	52.63 3.32 0.31	51.08 3.22 0.18	50.66 3.19 0.14	49.17 3.09 0.01	50.56 3.18 0.13	51.45 3.29 0.21	54.67 3.56 0.49	57.73 3.77 0.76	54.85 3.57 0.44	53.05 3.59 0.34	51.07 3.40 0.17	48.43 3.04 0.00	45.21 2.68 0.00	43.85 2.40 0.00

CHESTROR_138KV_BK263 355645	56.55 2.28 0.00	52.77 2.03 0.00	47.57 1.83 0.00	46.60 1.79 0.00	43.94 1.61 0.00	46.11 1.77 0.00	46.91 1.93 0.00	42.52 1.87 0.00	49.25 2.26 0.00	52.68 2.36 0.00	51.95 2.33 0.00	50.30 2.26 0.00	49.80 2.19 0.00	48.21 2.12 0.00	49.70 2.19 0.00	50.64 2.27 0.00	54.12 2.53 0.00	57.44 2.74 0.00	54.26 2.53 0.00	52.40 2.59 0.00	50.28 2.44 0.00	47.57 2.18 0.00	44.40 1.87 0.00	43.15 1.70 0.00
CH_MIDHUDSON___DRP 24192	57.37 3.09 0.00	53.59 2.84 0.00	48.26 2.52 0.00	47.28 2.46 0.00	44.58 2.24 0.00	46.77 2.44 0.00	47.58 2.61 0.00	43.13 2.48 0.00	49.95 2.96 0.00	53.48 3.17 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.47 2.86 0.00	48.86 2.77 0.00	50.36 2.85 0.00	51.32 2.95 0.00	54.85 3.25 0.00	58.27 3.56 0.00	55.03 3.31 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.20 2.81 0.00	44.99 2.47 0.00	43.73 2.28 0.00
CH_MISC_IPPS 23765	57.64 3.37 0.00	53.79 3.04 0.00	48.48 2.74 0.00	47.41 2.60 0.00	44.70 2.37 0.00	46.95 2.61 0.00	47.76 2.79 0.00	43.29 2.64 0.00	50.14 3.15 0.00	53.68 3.37 0.00	52.94 3.32 0.00	51.26 3.22 0.00	50.70 3.09 0.00	49.09 2.99 0.00	50.60 3.09 0.00	51.56 3.19 0.00	55.31 3.72 0.00	58.76 4.05 0.00	55.45 3.73 0.00	53.40 3.59 0.00	51.24 3.40 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.89 2.44 0.00
CH_RES_BVR_FALLS 23983	53.95 -0.32 0.00	50.44 -0.30 0.00	45.47 -0.27 0.00	44.59 -0.22 0.00	42.12 -0.21 0.00	44.07 -0.26 0.00	44.61 -0.36 0.00	40.32 -0.33 0.00	46.61 -0.38 0.00	49.91 -0.40 0.00	49.27 -0.34 0.00	47.75 -0.29 0.00	47.37 -0.24 0.00	45.91 -0.18 0.00	47.32 -0.19 0.00	48.12 -0.24 0.00	51.29 -0.31 0.00	54.27 -0.44 0.00	51.31 -0.42 0.00	49.41 -0.40 0.00	47.46 -0.38 0.00	45.02 -0.36 0.00	42.23 -0.30 0.00	41.28 -0.17 0.00
CH_RES_NIAGARA 23895	48.09 -6.19 0.00	44.96 -5.78 0.00	40.48 -5.26 0.00	39.52 -5.29 0.00	37.55 -4.78 0.00	39.32 -5.01 0.00	39.39 -5.58 0.00	34.88 -5.77 0.00	40.22 -6.77 0.00	42.86 -7.45 0.00	42.72 -6.90 0.00	41.55 -6.49 0.00	41.18 -6.43 0.00	39.83 -6.27 0.00	40.86 -6.65 0.00	42.08 -6.29 0.00	45.04 -6.55 0.00	47.32 -7.39 0.00	45.10 -6.62 0.00	43.34 -6.48 0.00	41.67 -6.17 0.00	39.89 -5.49 0.00	37.85 -4.68 0.00	37.39 -4.06 0.00
CH_RES_SYRACUSE 23985	53.08 -1.19 0.00	49.53 -1.22 0.00	44.69 -1.05 0.00	43.73 -1.08 0.00	41.32 -1.02 0.00	43.36 -0.98 0.00	43.98 -0.99 0.00	39.72 -0.93 0.00	45.91 -1.08 0.00	49.10 -1.21 0.00	48.57 -1.04 0.00	47.08 -0.96 0.00	46.61 -1.00 0.00	45.08 -1.01 0.00	46.51 -1.00 0.00	47.44 -0.92 0.00	50.51 -1.09 0.00	53.73 -0.98 0.00	50.69 -1.03 0.00	48.86 -0.95 0.00	46.89 -0.96 0.00	44.52 -0.86 0.00	41.72 -0.81 0.00	40.62 -0.83 0.00
CLINTON_WT_PWR 323605	55.57 1.30 0.00	52.11 1.37 0.00	46.93 1.19 0.00	46.06 1.25 0.00	43.48 1.14 0.00	45.39 1.06 0.00	45.55 0.58 0.00	41.18 0.53 0.00	47.51 0.52 0.00	50.96 0.65 0.00	50.36 0.75 0.00	48.76 0.72 0.00	48.32 0.72 0.00	46.92 0.83 0.00	48.18 0.66 0.00	48.95 0.58 0.00	52.06 0.46 0.00	54.82 0.11 0.00	51.93 0.21 0.00	49.96 0.15 0.00	48.04 0.19 0.00	45.57 0.18 0.00	42.74 0.21 0.00	42.15 0.70 0.00
CLINTON___LFGE 323618	56.55 2.28 0.00	52.97 2.23 0.00	47.71 1.97 0.00	46.87 2.06 0.00	44.20 1.86 0.00	46.19 1.86 0.00	46.14 1.17 0.00	41.67 1.02 0.00	48.12 1.13 0.00	51.67 1.36 0.00	51.20 1.59 0.00	49.58 1.54 0.00	49.13 1.52 0.00	47.71 1.61 0.00	48.94 1.42 0.00	49.67 1.31 0.00	52.83 1.24 0.00	55.70 0.99 0.00	52.70 0.98 0.00	50.71 0.90 0.00	48.80 0.96 0.00	46.34 0.95 0.00	43.38 0.85 0.00	42.90 1.45 0.00
COBBLENY_34_KV_TB1 80064	50.09 -4.18 0.00	46.74 -4.01 0.00	42.04 -3.70 0.00	41.05 -3.76 0.00	38.99 -3.34 0.00	40.83 -3.50 0.00	40.97 -4.00 0.00	36.26 -4.39 0.00	41.87 -5.12 0.00	44.68 -5.63 0.00	44.51 -5.11 0.00	43.28 -4.76 0.00	42.94 -4.67 0.00	41.53 -4.56 0.00	42.67 -4.85 0.00	43.96 -4.40 0.00	47.06 -4.54 0.00	49.57 -5.14 0.00	47.07 -4.65 0.00	45.33 -4.48 0.00	43.54 -4.31 0.00	41.57 -3.81 0.00	39.38 -3.15 0.00	38.88 -2.57 0.00
COFFEEN___115KV_TB3 355620	54.44 0.16 0.00	50.80 0.05 0.00	45.74 0.00 0.00	44.77 -0.04 0.00	42.21 -0.13 0.00	44.16 -0.18 0.00	45.06 0.09 0.00	40.69 0.04 0.00	46.99 0.00 0.00	50.36 0.05 0.00	49.67 0.05 0.00	48.04 0.00 0.00	47.66 0.05 0.00	46.00 -0.09 0.00	47.89 0.38 0.00	48.90 0.53 0.00	52.63 1.03 0.00	55.58 0.88 0.00	52.29 0.57 0.00	50.21 0.40 0.00	48.18 0.33 0.00	45.75 0.36 0.00	42.95 0.43 0.00	41.66 0.21 0.00
COLDSPRG_115KV_BK1 355956	51.56 -2.71 0.00	48.11 -2.64 0.00	43.18 -2.56 0.00	42.17 -2.64 0.00	40.05 -2.29 0.00	41.89 -2.44 0.00	42.14 -2.83 0.00	37.36 -3.29 0.00	43.14 -3.85 0.00	46.08 -4.23 0.00	45.94 -3.67 0.00	44.77 -3.27 0.00	44.42 -3.19 0.00	42.73 -3.36 0.00	44.00 -3.52 0.00	45.56 -2.81 0.00	48.71 -2.89 0.00	51.43 -3.28 0.00	48.72 -3.00 0.00	46.92 -2.89 0.00	45.07 -2.77 0.00	42.98 -2.41 0.00	40.70 -1.83 0.00	40.21 -1.24 0.00
COLONIE_LFGE___ 323577	56.72 2.44 0.00	52.83 2.08 0.00	47.66 1.92 0.00	46.74 1.93 0.00	44.15 1.82 0.00	46.28 1.95 0.00	47.04 2.07 0.00	42.52 1.87 0.00	49.20 2.21 0.00	52.73 2.41 0.00	51.65 2.04 0.00	49.96 1.92 0.00	49.56 1.95 0.00	47.98 1.89 0.00	49.42 1.90 0.00	50.25 1.88 0.00	53.71 2.12 0.00	57.34 2.63 0.00	53.99 2.27 0.00	52.00 2.19 0.00	49.90 2.06 0.00	47.29 1.91 0.00	44.18 1.66 0.00	42.94 1.49 0.00
COOPERNY_115KV_TB1 80082	55.85 1.57 0.00	52.11 1.37 0.00	46.98 1.23 0.00	46.02 1.21 0.00	43.44 1.10 0.00	45.53 1.20 0.00	46.32 1.35 0.00	41.95 1.30 0.00	48.54 1.55 0.00	51.97 1.66 0.00	51.25 1.64 0.00	49.58 1.54 0.00	49.13 1.52 0.00	47.52 1.43 0.00	49.03 1.52 0.00	49.96 1.60 0.00	53.35 1.75 0.00	56.62 1.91 0.00	53.48 1.76 0.00	51.60 1.79 0.00	49.52 1.67 0.00	46.88 1.50 0.00	43.85 1.32 0.00	42.61 1.16 0.00
COPENHAGEN_WT_PWR 323753	53.95 -0.32 0.00	50.34 -0.41 0.00	45.33 -0.41 0.00	44.41 -0.40 0.00	41.91 -0.42 0.00	43.80 -0.53 0.00	44.61 -0.36 0.00	40.32 -0.33 0.00	46.57 -0.42 0.00	49.91 -0.40 0.00	49.27 -0.34 0.00	47.65 -0.39 0.00	47.23 -0.38 0.00	45.63 -0.46 0.00	47.47 -0.05 0.00	48.41 0.05 0.00	51.96 0.36 0.00	54.93 0.22 0.00	51.67 -0.05 0.00	49.71 -0.10 0.00	47.70 -0.14 0.00	45.30 -0.09 0.00	42.53 0.00 0.00	41.28 -0.17 0.00
CORNELL_____ 23752	54.38 0.11 0.00	50.69 -0.05 0.00	45.69 -0.05 0.00	44.68 -0.13 0.00	42.21 -0.13 0.00	44.29 -0.04 0.00	44.97 0.00 0.00	40.57 -0.08 0.00	46.90 -0.09 0.00	50.11 -0.20 0.00	49.57 -0.05 0.00	48.04 0.00 0.00	47.56 -0.05 0.00	45.96 -0.14 0.00	47.51 0.00 0.00	48.56 0.19 0.00	51.85 0.26 0.00	55.04 0.33 0.00	52.03 0.31 0.00	50.06 0.25 0.00	48.03 0.19 0.00	45.61 0.23 0.00	42.65 0.13 0.00	41.57 0.12 0.00

CORONA__69_KV_TB1 355595	58.07 3.80 0.00	54.09 3.35 0.00	48.85 3.11 0.00	48.04 3.23 0.00	45.34 3.01 0.00	47.39 3.06 0.00	48.39 3.42 0.00	44.00 3.33 -0.02	53.35 3.95 -2.41	66.04 4.08 -11.65	55.45 4.02 -1.82	56.63 3.94 -4.65	57.51 3.81 -6.09	56.75 3.73 -6.92	58.71 3.85 -7.35	55.41 4.06 -2.98	55.95 4.33 -0.02	59.25 4.54 0.00	56.12 4.40 0.00	55.20 4.33 -1.05	53.73 4.02 -1.87	50.24 3.72 -1.13	45.89 3.36 0.00	44.43 2.98 0.00
CORTLAND__115KV_TB3 80093	54.00 -0.27 0.00	50.39 -0.36 0.00	45.42 -0.32 0.00	44.45 -0.36 0.00	42.00 -0.34 0.00	44.02 -0.31 0.00	44.70 -0.27 0.00	40.32 -0.33 0.00	46.61 -0.38 0.00	49.86 -0.45 0.00	49.27 -0.35 0.00	47.75 -0.29 0.00	47.28 -0.33 0.00	45.73 -0.37 0.00	47.18 -0.33 0.00	48.22 -0.15 0.00	51.44 -0.15 0.00	54.60 -0.11 0.00	51.57 -0.16 0.00	49.66 -0.15 0.00	47.65 -0.19 0.00	45.25 -0.14 0.00	42.31 -0.21 0.00	41.28 -0.17 0.00
COXSACKIE__GT 23611	58.77 4.50 0.00	54.81 4.06 0.00	49.35 3.61 0.00	48.21 3.40 0.00	45.47 3.13 0.00	47.79 3.46 0.00	48.66 3.69 0.00	43.78 3.13 0.00	50.70 3.71 0.00	54.24 3.93 0.00	53.39 3.77 0.00	51.64 3.60 0.00	50.94 3.33 0.00	49.23 3.14 0.00	50.79 3.28 0.00	51.75 3.38 0.00	55.72 4.13 0.00	59.20 4.49 0.00	55.76 4.04 0.00	53.65 3.84 0.00	51.53 3.68 0.00	48.75 3.36 0.00	45.50 2.98 0.00	44.39 2.94 0.00
CPV_VALLEY__CC1 323721	56.12 1.85 0.00	52.37 1.62 0.00	47.20 1.46 0.00	46.20 1.39 0.00	43.60 1.27 0.00	45.75 1.42 0.00	46.50 1.53 0.00	42.19 1.54 0.00	48.82 1.83 0.00	52.27 1.96 0.00	51.50 1.88 0.00	49.86 1.83 0.00	49.37 1.76 0.00	47.80 1.71 0.00	49.32 1.81 0.00	50.25 1.88 0.00	53.76 2.17 0.00	57.11 2.40 0.00	53.89 2.17 0.00	51.90 2.09 0.00	49.85 2.01 0.00	47.20 1.82 0.00	44.10 1.57 0.00	42.78 1.33 0.00
CPV_VALLEY__CC2 323722	56.12 1.85 0.00	52.37 1.62 0.00	47.20 1.46 0.00	46.20 1.39 0.00	43.60 1.27 0.00	45.75 1.42 0.00	46.50 1.53 0.00	42.19 1.54 0.00	48.82 1.83 0.00	52.27 1.96 0.00	51.50 1.88 0.00	49.86 1.83 0.00	49.37 1.76 0.00	47.80 1.71 0.00	49.32 1.81 0.00	50.25 1.88 0.00	53.76 2.17 0.00	57.11 2.40 0.00	53.89 2.17 0.00	51.90 2.09 0.00	49.85 2.01 0.00	47.20 1.82 0.00	44.10 1.57 0.00	42.78 1.33 0.00
CRESCENT__HYD 24018	56.72 2.44 0.00	52.83 2.08 0.00	47.66 1.92 0.00	46.74 1.93 0.00	44.15 1.82 0.00	46.28 1.95 0.00	47.04 2.07 0.00	42.52 1.87 0.00	49.20 2.21 0.00	52.73 2.41 0.00	51.65 2.04 0.00	49.96 1.92 0.00	49.56 1.95 0.00	47.98 1.89 0.00	49.42 1.90 0.00	50.25 1.88 0.00	53.71 2.12 0.00	57.34 2.63 0.00	53.99 2.27 0.00	52.00 2.19 0.00	49.90 2.06 0.00	47.29 1.91 0.00	44.18 1.66 0.00	42.94 1.49 0.00
CRICKET__VALLEY_CC1 323756	56.93 2.66 0.00	53.08 2.34 0.00	47.94 2.20 0.00	46.96 2.15 0.00	44.33 1.99 0.00	46.42 2.08 0.00	47.13 2.16 0.00	42.76 2.11 0.00	49.53 2.54 0.00	52.98 2.66 0.00	52.05 2.43 0.00	50.34 2.31 0.00	49.89 2.29 0.00	48.35 2.26 0.00	49.84 2.33 0.00	50.73 2.37 0.00	54.28 2.68 0.00	57.83 3.12 0.00	54.51 2.79 0.00	52.55 2.74 0.00	50.43 2.58 0.00	47.79 2.40 0.00	44.57 2.04 0.00	43.23 1.78 0.00
CRICKET__VALLEY_CC2 323757	56.93 2.66 0.00	53.08 2.34 0.00	47.94 2.20 0.00	46.96 2.15 0.00	44.33 1.99 0.00	46.42 2.08 0.00	47.13 2.16 0.00	42.76 2.11 0.00	49.53 2.54 0.00	52.98 2.66 0.00	52.05 2.43 0.00	50.34 2.31 0.00	49.89 2.29 0.00	48.35 2.26 0.00	49.84 2.33 0.00	50.73 2.37 0.00	54.28 2.68 0.00	57.83 3.12 0.00	54.51 2.79 0.00	52.55 2.74 0.00	50.43 2.58 0.00	47.79 2.40 0.00	44.57 2.04 0.00	43.23 1.78 0.00
CRICKET__VALLEY_CC3 323758	56.93 2.66 0.00	53.08 2.34 0.00	47.94 2.20 0.00	46.96 2.15 0.00	44.33 1.99 0.00	46.42 2.08 0.00	47.13 2.16 0.00	42.76 2.11 0.00	49.53 2.54 0.00	52.98 2.66 0.00	52.05 2.43 0.00	50.34 2.31 0.00	49.89 2.29 0.00	48.35 2.26 0.00	49.84 2.33 0.00	50.73 2.37 0.00	54.28 2.68 0.00	57.83 3.12 0.00	54.51 2.79 0.00	52.55 2.74 0.00	50.43 2.58 0.00	47.79 2.40 0.00	44.57 2.04 0.00	43.23 1.78 0.00
CRUCIBLE_METL_DRP 24180	53.08 -1.19 0.00	49.53 -1.22 0.00	44.69 -1.05 0.00	43.74 -1.08 0.00	41.32 -1.02 0.00	43.36 -0.98 0.00	43.98 -0.99 0.00	39.71 -0.93 0.00	45.91 -1.08 0.00	49.10 -1.21 0.00	48.57 -1.04 0.00	47.08 -0.96 0.00	46.61 -1.00 0.00	45.08 -1.01 0.00	46.52 -1.00 0.00	47.45 -0.92 0.00	50.62 -0.98 0.00	53.67 -1.04 0.00	50.74 -0.98 0.00	48.86 -0.95 0.00	46.89 -0.96 0.00	44.57 -0.82 0.00	41.68 -0.85 0.00	40.62 -0.83 0.00
DAHOWA__HYDRO 323763	56.93 2.66 0.00	52.97 2.23 0.00	47.75 2.01 0.00	46.74 1.93 0.00	44.20 1.86 0.00	46.28 1.95 0.00	47.09 2.11 0.00	42.52 1.87 0.00	49.20 2.21 0.00	52.78 2.46 0.00	51.90 2.28 0.00	50.20 2.16 0.00	49.70 2.09 0.00	48.07 1.98 0.00	49.55 2.04 0.00	50.44 2.08 0.00	53.92 2.32 0.00	57.55 2.84 0.00	54.20 2.48 0.00	52.05 2.24 0.00	50.00 2.15 0.00	47.25 1.86 0.00	44.14 1.62 0.00	42.86 1.41 0.00
DANC__LFGE 323619	53.30 -0.98 0.00	49.78 -0.97 0.00	44.83 -0.91 0.00	43.91 -0.90 0.00	41.44 -0.89 0.00	43.36 -0.98 0.00	44.07 -0.90 0.00	39.79 -0.86 0.00	46.00 -0.99 0.00	49.30 -1.01 0.00	48.67 -0.94 0.00	47.18 -0.86 0.00	46.75 -0.86 0.00	45.17 -0.92 0.00	46.85 -0.67 0.00	47.79 -0.58 0.00	51.13 -0.47 0.00	54.11 -0.60 0.00	50.95 -0.77 0.00	49.01 -0.80 0.00	47.03 -0.81 0.00	44.71 -0.68 0.00	41.97 -0.55 0.00	40.83 -0.62 0.00
DANSKAMMER__1 23586	57.64 3.37 0.00	53.79 3.04 0.00	48.48 2.74 0.00	47.41 2.60 0.00	44.70 2.37 0.00	46.95 2.61 0.00	47.76 2.79 0.00	43.29 2.64 0.00	50.14 3.15 0.00	53.68 3.37 0.00	52.94 3.32 0.00	51.26 3.22 0.00	50.70 3.09 0.00	49.09 2.99 0.00	50.60 3.09 0.00	51.56 3.19 0.00	55.31 3.72 0.00	58.76 4.05 0.00	55.45 3.73 0.00	53.40 3.59 0.00	51.24 3.40 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.89 2.44 0.00
DANSKAMMER__2 23589	57.64 3.37 0.00	53.79 3.04 0.00	48.48 2.74 0.00	47.41 2.60 0.00	44.70 2.37 0.00	46.95 2.61 0.00	47.76 2.79 0.00	43.29 2.64 0.00	50.14 3.15 0.00	53.68 3.37 0.00	52.94 3.32 0.00	51.26 3.22 0.00	50.70 3.09 0.00	49.09 2.99 0.00	50.60 3.09 0.00	51.56 3.19 0.00	55.31 3.72 0.00	58.76 4.05 0.00	55.45 3.73 0.00	53.40 3.59 0.00	51.24 3.40 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.89 2.44 0.00
DANSKAMMER__3 23590	57.64 3.37 0.00	53.79 3.04 0.00	48.48 2.74 0.00	47.41 2.60 0.00	44.70 2.37 0.00	46.95 2.61 0.00	47.76 2.79 0.00	43.29 2.64 0.00	50.14 3.15 0.00	53.68 3.37 0.00	52.94 3.32 0.00	51.26 3.22 0.00	50.70 3.09 0.00	49.09 2.99 0.00	50.60 3.09 0.00	51.56 3.19 0.00	55.31 3.72 0.00	58.76 4.05 0.00	55.45 3.73 0.00	53.40 3.59 0.00	51.24 3.40 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.89 2.44 0.00

DANSKAMMER___4 23591	57.64 3.37 0.00	53.79 3.04 0.00	48.48 2.74 0.00	47.41 2.60 0.00	44.70 2.37 0.00	46.95 2.61 0.00	47.76 2.79 0.00	43.29 2.64 0.00	50.14 3.15 0.00	53.68 3.37 0.00	52.94 3.32 0.00	51.26 3.22 0.00	50.70 3.09 0.00	49.09 2.99 0.00	50.60 3.09 0.00	51.56 3.19 0.00	55.31 3.72 0.00	58.76 4.05 0.00	55.45 3.73 0.00	53.40 3.59 0.00	51.24 3.40 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.89 2.44 0.00
DANSKAMMER___DIESEL 23592	57.64 3.36 0.00	53.79 3.04 0.00	48.44 2.70 0.00	47.45 2.64 0.00	44.75 2.41 0.00	46.95 2.62 0.00	47.76 2.79 0.00	43.29 2.64 0.00	50.14 3.15 0.00	53.68 3.37 0.00	52.94 3.32 0.00	51.26 3.22 0.00	50.70 3.09 0.00	49.09 3.00 0.00	50.60 3.09 0.00	51.56 3.19 0.00	55.16 3.56 0.00	58.54 3.83 0.00	55.29 3.57 0.00	53.40 3.59 0.00	51.24 3.40 0.00	48.43 3.04 0.00	45.21 2.68 0.00	43.89 2.45 0.00
DARBY___SOLAR 323810	56.88 2.60 0.00	52.92 2.18 0.00	47.71 1.97 0.00	46.69 1.88 0.00	44.15 1.82 0.00	46.24 1.90 0.00	47.04 2.07 0.00	42.48 1.83 0.00	49.15 2.16 0.00	52.68 2.37 0.00	51.80 2.18 0.00	50.10 2.06 0.00	49.61 2.00 0.00	47.98 1.89 0.00	49.51 2.00 0.00	50.35 1.98 0.00	53.86 2.27 0.00	57.44 2.73 0.00	54.15 2.43 0.00	52.00 2.19 0.00	49.95 2.10 0.00	47.25 1.86 0.00	44.14 1.62 0.00	42.86 1.41 0.00
DASHVILLE___HYD 23610	58.13 3.85 0.00	54.30 3.55 0.00	48.85 3.11 0.00	47.86 3.05 0.00	45.09 2.75 0.00	47.35 3.01 0.00	48.21 3.24 0.00	43.62 2.97 0.00	50.51 3.52 0.00	54.08 3.77 0.00	53.44 3.82 0.00	51.74 3.70 0.00	51.09 3.48 0.00	49.41 3.32 0.00	50.93 3.42 0.00	51.99 3.63 0.00	55.77 4.18 0.00	59.14 4.43 0.00	55.81 4.09 0.00	53.95 4.13 0.00	51.77 3.92 0.00	48.88 3.49 0.00	45.59 3.06 0.00	44.31 2.86 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	60.41 6.13 0.00	56.12 5.38 0.00	50.68 4.94 0.00	50.01 5.20 0.00	47.20 4.87 0.00	49.21 4.88 0.00	50.37 5.40 0.00	45.94 5.28 -0.01	54.68 6.25 -1.44	63.80 6.49 -6.99	57.35 6.65 -1.09	57.36 6.53 -2.79	57.01 6.00 -3.40	55.97 5.85 -4.03	58.43 6.51 -4.41	56.78 6.63 -1.79	58.62 7.02 -0.01	62.04 7.33 0.00	58.39 6.67 0.00	56.76 6.33 -0.62	54.65 5.69 -1.12	51.32 5.26 -0.67	47.12 4.59 0.00	45.68 4.23 0.00
DELAWARE___LFGE 323621	55.63 1.36 0.00	51.96 1.22 0.00	46.79 1.05 0.00	45.84 1.03 0.00	43.27 0.93 0.00	45.35 1.02 0.00	46.14 1.17 0.00	41.71 1.06 0.00	48.26 1.27 0.00	51.67 1.36 0.00	51.01 1.39 0.00	49.34 1.30 0.00	48.90 1.29 0.00	47.25 1.15 0.00	48.80 1.28 0.00	49.72 1.35 0.00	53.19 1.60 0.00	56.35 1.64 0.00	53.22 1.50 0.00	51.26 1.44 0.00	49.18 1.34 0.00	46.61 1.23 0.00	43.63 1.11 0.00	42.40 0.95 0.00
DERFIELD_115KV_TB7 355931	54.44 0.16 0.00	50.85 0.10 0.00	45.83 0.09 0.00	44.90 0.09 0.00	42.42 0.08 0.00	44.38 0.04 0.00	45.11 0.13 0.00	40.77 0.12 0.00	47.13 0.14 0.00	50.46 0.15 0.00	49.77 0.15 0.00	48.18 0.14 0.00	47.75 0.14 0.00	46.23 0.14 0.00	47.70 0.19 0.00	48.51 0.15 0.00	51.75 0.15 0.00	54.93 0.22 0.00	51.88 0.16 0.00	49.96 0.15 0.00	47.99 0.14 0.00	45.52 0.14 0.00	42.65 0.13 0.00	41.53 0.08 0.00
DOGLEVILLE___HYD 23807	56.22 1.95 0.00	52.52 1.78 0.00	47.30 1.56 0.00	46.29 1.48 0.00	43.69 1.35 0.00	45.75 1.42 0.00	46.41 1.44 0.00	41.91 1.26 0.00	48.49 1.50 0.00	51.97 1.66 0.00	51.25 1.63 0.00	49.77 1.73 0.00	49.42 1.81 0.00	47.80 1.71 0.00	49.36 1.85 0.00	50.25 1.88 0.00	53.56 1.96 0.00	56.79 2.08 0.00	53.58 1.86 0.00	51.60 1.79 0.00	49.56 1.72 0.00	47.07 1.68 0.00	44.10 1.57 0.00	42.94 1.49 0.00
DUNKIRK___115KV_TB_200 55889	49.98 -4.29 0.00	46.63 -4.11 0.00	41.90 -3.84 0.00	40.87 -3.94 0.00	38.82 -3.51 0.00	40.70 -3.64 0.00	40.83 -4.14 0.00	36.22 -4.43 0.00	41.82 -5.17 0.00	44.63 -5.69 0.00	44.51 -5.11 0.00	43.33 -4.71 0.00	43.04 -4.57 0.00	41.48 -4.61 0.00	42.67 -4.85 0.00	44.16 -4.21 0.00	47.26 -4.33 0.00	49.79 -4.92 0.00	47.27 -4.45 0.00	45.48 -4.33 0.00	43.73 -4.11 0.00	41.76 -3.63 0.00	39.55 -2.98 0.00	39.05 -2.40 0.00
DUNKIRK___1 23563	49.98 -4.29 0.00	46.63 -4.11 0.00	41.90 -3.84 0.00	40.87 -3.94 0.00	38.82 -3.51 0.00	40.70 -3.64 0.00	40.83 -4.14 0.00	36.22 -4.43 0.00	41.82 -5.17 0.00	44.63 -5.69 0.00	44.51 -5.11 0.00	43.33 -4.71 0.00	43.04 -4.57 0.00	41.48 -4.61 0.00	42.67 -4.85 0.00	44.16 -4.21 0.00	47.26 -4.33 0.00	49.79 -4.92 0.00	47.27 -4.45 0.00	45.48 -4.33 0.00	43.73 -4.11 0.00	41.76 -3.63 0.00	39.55 -2.98 0.00	39.05 -2.40 0.00
DUNKIRK___2 23564	49.98 -4.29 0.00	46.63 -4.11 0.00	41.90 -3.84 0.00	40.87 -3.94 0.00	38.82 -3.51 0.00	40.70 -3.64 0.00	40.83 -4.14 0.00	36.22 -4.43 0.00	41.82 -5.17 0.00	44.63 -5.69 0.00	44.51 -5.11 0.00	43.33 -4.71 0.00	43.04 -4.57 0.00	41.48 -4.61 0.00	42.67 -4.85 0.00	44.16 -4.21 0.00	47.26 -4.33 0.00	49.79 -4.92 0.00	47.27 -4.45 0.00	45.48 -4.33 0.00	43.73 -4.11 0.00	41.76 -3.63 0.00	39.55 -2.98 0.00	39.05 -2.40 0.00
DUNKIRK___3 23565	49.93 -4.34 0.00	46.58 -4.16 0.00	41.90 -3.84 0.00	40.87 -3.94 0.00	38.82 -3.51 0.00	40.65 -3.68 0.00	40.79 -4.18 0.00	36.18 -4.47 0.00	41.73 -5.26 0.00	44.58 -5.74 0.00	44.41 -5.21 0.00	43.23 -4.80 0.00	42.90 -4.71 0.00	41.44 -4.66 0.00	42.57 -4.94 0.00	44.01 -4.35 0.00	47.11 -4.49 0.00	49.62 -5.09 0.00	47.12 -4.60 0.00	45.33 -4.48 0.00	43.59 -4.26 0.00	41.62 -3.77 0.00	39.42 -3.10 0.00	38.92 -2.53 0.00
DUNKIRK___4 23566	49.93 -4.34 0.00	46.58 -4.16 0.00	41.90 -3.84 0.00	40.87 -3.94 0.00	38.82 -3.51 0.00	40.65 -3.68 0.00	40.79 -4.18 0.00	36.18 -4.47 0.00	41.73 -5.26 0.00	44.58 -5.74 0.00	44.41 -5.21 0.00	43.23 -4.80 0.00	42.90 -4.71 0.00	41.44 -4.66 0.00	42.57 -4.94 0.00	44.01 -4.35 0.00	47.11 -4.49 0.00	49.62 -5.09 0.00	47.12 -4.60 0.00	45.33 -4.48 0.00	43.59 -4.26 0.00	41.62 -3.77 0.00	39.42 -3.10 0.00	38.92 -2.53 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	57.26 2.98 0.00	53.43 2.69 0.00	48.12 2.38 0.00	47.19 2.37 0.00	44.49 2.16 0.00	46.68 2.35 0.00	47.53 2.56 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.48 3.17 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.51 2.99 0.00	51.41 3.05 0.00	54.90 3.30 0.00	58.27 3.56 0.00	55.08 3.36 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.29 2.90 0.00	45.08 2.55 0.00	43.73 2.28 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	57.09 2.82 0.00	53.33 2.59 0.00	47.98 2.24 0.00	47.05 2.24 0.00	44.37 2.03 0.00	46.55 2.22 0.00	47.35 2.38 0.00	42.93 2.28 0.00	49.72 2.73 0.00	53.18 2.87 0.00	52.49 2.88 0.00	50.82 2.79 0.00	50.28 2.67 0.00	48.68 2.58 0.00	50.17 2.66 0.00	51.12 2.76 0.00	54.69 3.10 0.00	58.05 3.34 0.00	54.82 3.10 0.00	52.95 3.14 0.00	50.81 2.97 0.00	48.02 2.63 0.00	44.82 2.30 0.00	43.56 2.11 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	57.20 2.93 0.00	53.38 2.64 0.00	48.16 2.42 0.00	47.19 2.37 0.00	44.45 2.12 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.48 3.17 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.55 3.04 0.00	51.46 3.10 0.00	54.95 3.35 0.00	58.32 3.61 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.29 2.90 0.00	45.12 2.59 0.00	43.89 2.45 0.00
E179THST_13_KV_LOAD 356214	57.42 3.15 0.00	53.59 2.84 0.00	48.35 2.61 0.00	47.36 2.55 0.00	44.58 2.24 0.00	46.68 2.35 0.00	47.62 2.65 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.73 3.42 0.00	52.99 3.37 0.00	51.31 3.27 0.00	50.85 3.24 0.00	49.23 3.13 0.00	50.79 3.28 0.00	51.70 3.34 0.00	55.21 3.61 0.00	58.54 3.83 0.00	55.39 3.67 0.00	53.50 3.69 0.00	51.29 3.44 0.00	48.47 3.09 0.00	45.29 2.76 0.00	44.06 2.61 0.00
EAST HAMPTON___GT 23717	60.78 6.51 0.00	56.53 5.78 0.00	51.27 5.53 0.00	50.14 5.33 0.00	47.41 5.08 0.00	49.52 5.18 0.00	50.55 5.58 0.00	46.27 5.61 -0.01	55.15 6.72 -1.44	64.35 7.04 -6.99	57.85 7.15 -1.09	57.89 7.06 -2.79	57.58 6.57 -3.40	56.44 6.32 -4.03	58.91 6.99 -4.41	57.21 7.06 -1.79	59.08 7.48 -0.01	62.75 8.05 0.00	58.55 6.83 0.00	56.66 6.23 -0.62	54.51 5.55 -1.12	51.14 5.08 -0.67	46.91 4.38 0.00	45.55 4.10 0.00
EAST RIVER___6 23660	56.64 2.87 0.51	53.12 2.59 0.21	48.12 2.38 0.00	47.05 2.24 0.00	44.33 1.99 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.04 3.05 0.00	53.53 3.27 0.05	52.58 3.27 0.31	51.03 3.17 0.18	50.56 3.09 0.14	49.08 2.99 0.01	50.51 3.14 0.13	51.40 3.24 0.21	54.72 3.61 0.49	57.89 3.94 0.76	54.90 3.62 0.44	52.95 3.49 0.34	50.97 3.30 0.17	48.38 2.99 0.00	45.12 2.59 0.00	43.73 2.28 0.00
EAST RIVER___7 23524	56.64 2.87 0.51	53.12 2.59 0.21	48.12 2.38 0.00	47.05 2.24 0.00	44.33 1.99 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.04 3.05 0.00	53.53 3.27 0.05	52.58 3.27 0.31	51.03 3.17 0.18	50.56 3.09 0.14	49.08 2.99 0.01	50.51 3.14 0.13	51.40 3.24 0.21	54.72 3.61 0.49	57.89 3.94 0.76	54.90 3.62 0.44	52.95 3.49 0.34	50.97 3.30 0.17	48.38 2.99 0.00	45.12 2.59 0.00	43.73 2.28 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	57.15 2.88 0.00	53.33 2.59 0.00	48.03 2.29 0.00	47.10 2.29 0.00	44.41 2.07 0.00	46.59 2.26 0.00	47.44 2.47 0.00	43.05 2.40 0.00	49.90 2.91 0.00	53.38 3.07 0.00	52.64 3.03 0.00	50.92 2.88 0.00	50.42 2.81 0.00	48.86 2.77 0.00	50.36 2.85 0.00	51.32 2.95 0.00	54.74 3.15 0.00	58.16 3.45 0.00	54.98 3.26 0.00	53.05 3.24 0.00	50.91 3.06 0.00	48.16 2.77 0.00	44.95 2.42 0.00	43.65 2.20 0.00
EAST_HAMPTON___DIESEL 23722	60.78 6.51 0.00	56.53 5.78 0.00	51.27 5.53 0.00	50.10 5.29 0.00	47.41 5.08 0.00	49.52 5.18 0.00	50.55 5.58 0.00	46.27 5.61 -0.01	55.15 6.72 -1.44	64.35 7.04 -6.99	57.85 7.15 -1.09	57.89 7.06 -2.79	57.58 6.57 -3.40	56.44 6.32 -4.03	58.91 6.99 -4.41	57.16 7.01 -1.79	59.04 7.43 -0.01	62.70 7.99 0.00	58.49 6.77 0.00	56.61 6.18 -0.62	54.41 5.45 -1.12	51.05 4.99 -0.67	46.82 4.29 0.00	45.51 4.06 0.00
EAST_POINT___SOLAR 323840	58.07 3.80 0.00	53.94 3.20 0.00	48.58 2.84 0.00	47.36 2.55 0.00	44.79 2.45 0.00	47.04 2.70 0.00	47.94 2.97 0.00	43.17 2.52 0.00	49.81 2.82 0.00	53.03 2.71 0.00	52.34 2.73 0.00	50.01 1.97 0.00	49.37 1.76 0.00	48.12 2.03 0.00	49.65 2.14 0.00	51.32 2.95 0.00	55.41 3.82 0.00	58.98 4.27 0.00	55.60 3.88 0.00	53.30 3.49 0.00	51.19 3.35 0.00	48.29 2.91 0.00	45.12 2.59 0.00	43.73 2.28 0.00
EAST_PULASKI___ESR 323781	52.81 -1.46 0.00	49.27 -1.47 0.00	44.41 -1.33 0.00	43.51 -1.30 0.00	41.07 -1.27 0.00	43.00 -1.33 0.00	43.62 -1.35 0.00	39.43 -1.22 0.00	45.53 -1.46 0.00	48.85 -1.46 0.00	48.23 -1.39 0.00	46.74 -1.29 0.00	46.33 -1.28 0.00	44.80 -1.29 0.00	46.28 -1.24 0.00	47.25 -1.11 0.00	50.41 -1.18 0.00	53.40 -1.31 0.00	50.38 -1.35 0.00	48.52 -1.30 0.00	46.55 -1.29 0.00	44.25 -1.13 0.00	41.55 -0.98 0.00	40.37 -1.08 0.00
EAST_RIVER___1 323558	56.69 2.93 0.51	53.17 2.64 0.21	48.12 2.38 0.00	47.09 2.28 0.00	44.37 2.03 0.00	46.59 2.26 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.04 3.05 0.00	53.49 3.22 0.05	52.53 3.22 0.31	50.98 3.12 0.18	50.52 3.05 0.14	49.03 2.95 0.01	50.42 3.04 0.13	51.30 3.14 0.21	54.66 3.56 0.49	57.84 3.88 0.76	54.84 3.57 0.44	52.90 3.43 0.34	50.93 3.25 0.17	48.33 2.95 0.00	45.12 2.59 0.00	43.77 2.32 0.00
EAST_RIVER___2 323559	56.64 2.87 0.51	53.12 2.59 0.21	48.12 2.38 0.00	47.05 2.24 0.00	44.33 1.99 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.04 3.05 0.00	53.53 3.27 0.05	52.58 3.27 0.31	51.03 3.17 0.18	50.56 3.09 0.14	49.08 2.99 0.01	50.51 3.14 0.13	51.40 3.24 0.21	54.72 3.61 0.49	57.89 3.94 0.76	54.90 3.62 0.44	52.95 3.49 0.34	50.97 3.30 0.17	48.38 2.99 0.00	45.12 2.59 0.00	43.73 2.28 0.00
EAST___DELAWARE_HYD 23607	57.47 3.20 0.00	53.69 2.94 0.00	48.35 2.61 0.00	47.23 2.42 0.00	44.54 2.20 0.00	46.77 2.44 0.00	47.62 2.65 0.00	43.13 2.48 0.00	49.90 2.91 0.00	53.43 3.12 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.42 2.81 0.00	48.77 2.67 0.00	50.32 2.80 0.00	51.36 3.00 0.00	55.26 3.66 0.00	58.59 3.88 0.00	55.29 3.57 0.00	53.30 3.49 0.00	51.10 3.25 0.00	48.33 2.95 0.00	45.08 2.55 0.00	43.81 2.36 0.00
EIGHT_POINT___WT_PWR 323820	51.83 -2.44 0.00	48.31 -2.43 0.00	43.59 -2.15 0.00	42.57 -2.24 0.00	40.22 -2.12 0.00	42.07 -2.26 0.00	42.59 -2.38 0.00	37.80 -2.85 0.00	43.37 -3.62 0.00	46.03 -4.28 0.00	45.95 -3.67 0.00	44.96 -3.08 0.00	44.80 -2.81 0.00	43.37 -2.72 0.00	44.71 -2.80 0.00	46.00 -2.37 0.00	48.81 -2.79 0.00	52.19 -2.52 0.00	49.14 -2.58 0.00	47.52 -2.29 0.00	45.69 -2.15 0.00	43.44 -1.95 0.00	41.04 -1.49 0.00	40.12 -1.33 0.00
ELBRIDGE_115KV_TB2 80188	52.81 -1.47 0.00	49.32 -1.42 0.00	44.46 -1.28 0.00	43.51 -1.30 0.00	41.15 -1.19 0.00	43.14 -1.20 0.00	43.76 -1.21 0.00	39.51 -1.14 0.00	45.63 -1.36 0.00	48.85 -1.46 0.00	48.28 -1.34 0.00	46.79 -1.25 0.00	46.32 -1.29 0.00	44.80 -1.29 0.00	46.23 -1.28 0.00	47.16 -1.21 0.00	50.31 -1.29 0.00	53.40 -1.31 0.00	50.48 -1.24 0.00	48.57 -1.25 0.00	46.65 -1.20 0.00	44.30 -1.09 0.00	41.46 -1.06 0.00	40.41 -1.04 0.00
ELEC_TRO_TEK 24086	57.75 3.47 0.00	53.79 3.04 0.00	48.58 2.84 0.00	47.81 3.00 0.00	45.09 2.75 0.00	47.13 2.79 0.00	48.16 3.19 0.00	43.79 3.13 -0.02	53.10 3.71 -2.40	65.71 3.82 -11.57	55.14 3.72 -1.80	56.31 3.65 -4.62	57.14 3.52 -6.01	56.40 3.46 -6.85	58.37 3.56 -7.30	55.10 3.77 -2.96	55.64 4.02 -0.02	58.87 4.16 0.00	55.81 4.09 -1.04	54.84 3.98 -1.04	53.48 3.78 -1.86	50.00 3.49 -1.12	45.63 3.10 0.00	44.14 2.69 0.00

ELLENBURG_WT_PWR 323604	55.57 1.30 0.00	52.11 1.37 0.00	46.93 1.19 0.00	46.06 1.25 0.00	43.48 1.14 0.00	45.39 1.06 0.00	45.55 0.58 0.00	41.18 0.53 0.00	47.51 0.52 0.00	50.96 0.65 0.00	50.36 0.75 0.00	48.76 0.72 0.00	48.32 0.72 0.00	46.92 0.83 0.00	48.18 0.66 0.00	48.95 0.58 0.00	52.06 0.46 0.00	54.82 0.11 0.00	51.93 0.21 0.00	49.96 0.15 0.00	48.04 0.19 0.00	45.57 0.18 0.00	42.74 0.21 0.00	42.15 0.70 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.50 -4.78 0.00	46.23 -4.52 0.00	41.58 -4.16 0.00	40.60 -4.21 0.00	38.57 -3.77 0.00	40.39 -3.95 0.00	40.52 -4.45 0.00	35.89 -4.76 0.00	41.40 -5.59 0.00	44.17 -6.14 0.00	44.01 -5.61 0.00	42.80 -5.24 0.00	42.47 -5.14 0.00	41.07 -5.02 0.00	42.14 -5.37 0.00	43.43 -4.93 0.00	46.49 -5.11 0.00	48.96 -5.74 0.00	46.55 -5.17 0.00	44.78 -5.03 0.00	43.01 -4.83 0.00	41.12 -4.27 0.00	38.96 -3.57 0.00	38.47 -2.98 0.00
EMPIRE_CC_1 323656	56.33 2.06 0.00	52.57 1.82 0.00	47.43 1.69 0.00	46.51 1.70 0.00	43.94 1.61 0.00	46.06 1.73 0.00	46.77 1.80 0.00	42.32 1.67 0.00	49.01 2.02 0.00	52.42 2.11 0.00	51.06 1.44 0.00	49.34 1.30 0.00	48.94 1.33 0.00	47.43 1.34 0.00	48.84 1.33 0.00	49.67 1.31 0.00	52.99 1.39 0.00	56.57 1.86 0.00	53.27 1.55 0.00	51.36 1.55 0.00	49.33 1.48 0.00	46.80 1.41 0.00	43.72 1.19 0.00	42.49 1.04 0.00
EMPIRE_CC_2 323658	56.33 2.06 0.00	52.57 1.82 0.00	47.43 1.69 0.00	46.51 1.70 0.00	43.94 1.61 0.00	46.06 1.73 0.00	46.77 1.80 0.00	42.32 1.67 0.00	49.01 2.02 0.00	52.42 2.11 0.00	51.06 1.44 0.00	49.34 1.30 0.00	48.94 1.33 0.00	47.43 1.34 0.00	48.84 1.33 0.00	49.67 1.31 0.00	52.99 1.39 0.00	56.57 1.86 0.00	53.27 1.55 0.00	51.36 1.55 0.00	49.33 1.48 0.00	46.80 1.41 0.00	43.72 1.19 0.00	42.49 1.04 0.00
ENORWICH_115KV_TB1 80156	57.26 2.98 0.00	53.28 2.54 0.00	47.94 2.20 0.00	46.83 2.02 0.00	44.16 1.82 0.00	46.28 1.95 0.00	47.40 2.43 0.00	42.64 1.99 0.00	49.43 2.44 0.00	52.93 2.62 0.00	52.39 2.78 0.00	50.68 2.64 0.00	50.28 2.67 0.00	48.40 2.30 0.00	50.32 2.80 0.00	51.46 3.10 0.00	55.36 3.77 0.00	58.43 3.72 0.00	54.98 3.26 0.00	52.85 3.04 0.00	50.67 2.82 0.00	48.11 2.72 0.00	44.99 2.47 0.00	43.65 2.20 0.00
ERIE_ST_34_KV_TB1-2 80199	50.58 -3.69 0.00	47.19 -3.55 0.00	42.45 -3.29 0.00	41.45 -3.36 0.00	39.33 -3.01 0.00	41.19 -3.15 0.00	41.37 -3.60 0.00	36.58 -4.06 0.00	42.24 -4.75 0.00	45.08 -5.23 0.00	44.90 -4.71 0.00	43.67 -4.37 0.00	43.32 -4.28 0.00	41.90 -4.19 0.00	43.05 -4.47 0.00	44.35 -4.01 0.00	47.42 -4.18 0.00	50.00 -4.70 0.00	47.48 -4.24 0.00	45.73 -4.08 0.00	43.92 -3.92 0.00	41.94 -3.45 0.00	39.68 -2.85 0.00	39.25 -2.20 0.00
ERIE_WT_PWR 323693	49.93 -4.34 0.00	46.64 -4.11 0.00	41.90 -3.84 0.00	41.05 -3.76 0.00	38.86 -3.47 0.00	40.70 -3.63 0.00	41.01 -3.96 0.00	36.14 -4.51 0.00	41.68 -5.31 0.00	44.53 -5.78 0.00	44.31 -5.31 0.00	43.14 -4.90 0.00	42.75 -4.86 0.00	41.39 -4.70 0.00	42.43 -5.08 0.00	43.72 -4.64 0.00	46.18 -5.42 0.00	49.29 -5.42 0.00	46.34 -5.38 0.00	45.13 -4.68 0.00	43.40 -4.45 0.00	41.17 -4.22 0.00	39.51 -3.02 0.00	38.76 -2.69 0.00
ESPRGFLD_115KV_TB1 80157	56.01 1.74 0.00	52.22 1.47 0.00	46.98 1.23 0.00	45.93 1.12 0.00	43.39 1.06 0.00	45.53 1.20 0.00	46.41 1.44 0.00	41.87 1.22 0.00	48.45 1.46 0.00	51.82 1.51 0.00	51.20 1.59 0.00	49.38 1.35 0.00	48.85 1.24 0.00	47.25 1.15 0.00	48.84 1.33 0.00	50.01 1.64 0.00	53.76 2.17 0.00	56.95 2.24 0.00	53.74 2.02 0.00	51.60 1.79 0.00	49.57 1.72 0.00	46.84 1.45 0.00	43.80 1.28 0.00	42.53 1.08 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	54.27 0.00 0.00	50.64 -0.10 0.00	45.60 -0.14 0.00	44.63 -0.18 0.00	42.17 -0.17 0.00	44.24 -0.09 0.00	44.93 -0.04 0.00	40.49 -0.16 0.00	46.80 -0.19 0.00	50.06 -0.25 0.00	49.52 -0.10 0.00	47.94 -0.10 0.00	47.51 -0.10 0.00	45.91 -0.18 0.00	47.42 -0.10 0.00	48.46 0.10 0.00	51.75 0.15 0.00	54.93 0.22 0.00	51.93 0.21 0.00	49.96 0.15 0.00	47.94 0.10 0.00	45.52 0.14 0.00	42.57 0.04 0.00	41.49 0.04 0.00
ETNA____115KV_TB2 80207	54.27 0.00 0.00	50.64 -0.10 0.00	45.60 -0.14 0.00	44.63 -0.18 0.00	42.17 -0.17 0.00	44.24 -0.09 0.00	44.93 -0.04 0.00	40.49 -0.16 0.00	46.80 -0.19 0.00	50.06 -0.25 0.00	49.52 -0.10 0.00	47.94 -0.10 0.00	47.51 -0.10 0.00	45.91 -0.18 0.00	47.42 -0.10 0.00	48.46 0.10 0.00	51.75 0.15 0.00	54.93 0.22 0.00	51.93 0.21 0.00	49.96 0.15 0.00	47.94 0.10 0.00	45.52 0.14 0.00	42.57 0.04 0.00	41.49 0.04 0.00
EUCLID____115KV_TB2 356179	52.48 -1.79 0.00	49.02 -1.73 0.00	44.23 -1.51 0.00	43.29 -1.52 0.00	40.94 -1.40 0.00	42.91 -1.42 0.00	43.53 -1.44 0.00	39.31 -1.34 0.00	45.39 -1.60 0.00	48.60 -1.71 0.00	48.03 -1.59 0.00	46.50 -1.54 0.00	46.09 -1.52 0.00	44.57 -1.52 0.00	45.95 -1.57 0.00	46.91 -1.45 0.00	50.05 -1.55 0.00	53.07 -1.64 0.00	50.17 -1.55 0.00	48.32 -1.49 0.00	46.36 -1.48 0.00	44.02 -1.36 0.00	41.25 -1.28 0.00	40.21 -1.24 0.00
E_CANADA_CAP_HY 24051	56.77 2.50 0.00	52.83 2.08 0.00	47.57 1.83 0.00	46.42 1.61 0.00	43.86 1.52 0.00	46.06 1.73 0.00	46.90 1.93 0.00	42.28 1.63 0.00	48.87 1.88 0.00	52.22 1.91 0.00	51.55 1.93 0.00	49.62 1.58 0.00	48.99 1.38 0.00	47.48 1.38 0.00	49.08 1.57 0.00	50.40 2.03 0.00	54.23 2.63 0.00	57.66 2.95 0.00	54.36 2.64 0.00	52.15 2.34 0.00	50.09 2.25 0.00	47.29 1.91 0.00	44.23 1.70 0.00	42.86 1.41 0.00
E_CANADA_MHWK_HY 24050	56.22 1.95 0.00	52.52 1.78 0.00	47.30 1.56 0.00	46.29 1.48 0.00	43.69 1.35 0.00	45.75 1.42 0.00	46.41 1.44 0.00	41.91 1.26 0.00	48.49 1.50 0.00	51.97 1.66 0.00	51.25 1.63 0.00	49.77 1.73 0.00	49.42 1.81 0.00	47.80 1.71 0.00	49.36 1.85 0.00	50.25 1.88 0.00	53.56 1.96 0.00	56.79 2.08 0.00	53.58 1.86 0.00	51.60 1.79 0.00	49.56 1.72 0.00	47.07 1.68 0.00	44.10 1.57 0.00	42.94 1.49 0.00
E_FISHKILL____LBMP 23776	56.88 2.61 0.00	53.08 2.33 0.00	47.84 2.10 0.00	46.92 2.11 0.00	44.24 1.91 0.00	46.42 2.08 0.00	47.22 2.25 0.00	42.80 2.15 0.00	49.57 2.58 0.00	53.08 2.77 0.00	52.25 2.63 0.00	50.58 2.55 0.00	50.09 2.48 0.00	48.54 2.44 0.00	50.03 2.52 0.00	50.93 2.56 0.00	54.38 2.79 0.00	57.77 3.06 0.00	54.62 2.90 0.00	52.70 2.89 0.00	50.57 2.73 0.00	47.84 2.45 0.00	44.70 2.17 0.00	43.36 1.91 0.00
FALCON____SEABRD_CC1 323796	56.33 2.06 0.00	52.78 2.03 0.00	47.52 1.78 0.00	46.69 1.88 0.00	44.03 1.70 0.00	46.02 1.68 0.00	45.87 0.90 0.00	41.42 0.77 0.00	47.79 0.80 0.00	51.32 1.01 0.00	50.81 1.19 0.00	49.19 1.15 0.00	48.75 1.14 0.00	47.34 1.25 0.00	48.56 1.04 0.00	49.28 0.92 0.00	52.42 0.82 0.00	55.26 0.55 0.00	52.34 0.62 0.00	50.31 0.50 0.00	48.42 0.58 0.00	45.97 0.59 0.00	43.08 0.55 0.00	42.74 1.29 0.00

FALCON___SEABRD_CC2 323797	56.33 2.06 0.00	52.78 2.03 0.00	47.52 1.78 0.00	46.69 1.88 0.00	44.03 1.70 0.00	46.02 1.68 0.00	45.87 0.90 0.00	41.42 0.77 0.00	47.79 0.80 0.00	51.32 1.01 0.00	50.81 1.19 0.00	49.19 1.15 0.00	48.75 1.14 0.00	47.34 1.25 0.00	48.56 1.04 0.00	49.28 0.92 0.00	52.42 0.82 0.00	55.26 0.55 0.00	52.34 0.62 0.00	50.31 0.50 0.00	48.42 0.58 0.00	45.97 0.59 0.00	43.08 0.55 0.00	42.74 1.29 0.00
FAR ROCKAWAY___4 23548	58.51 4.23 0.00	54.50 3.76 0.00	49.22 3.48 0.00	48.44 3.63 0.00	45.68 3.34 0.00	47.70 3.37 0.00	48.75 3.78 0.00	44.32 3.66 -0.01	53.49 4.32 -2.18	65.36 4.53 -10.53	55.72 4.47 -1.64	56.66 4.42 -4.20	57.40 4.28 -5.50	56.54 4.19 -6.25	58.48 4.32 -6.64	55.61 4.55 -2.69	56.46 4.85 -0.01	59.74 5.03 0.00	56.58 4.86 0.00	55.54 4.78 -0.95	53.98 4.45 -1.69	50.54 4.13 -1.02	46.23 3.70 0.00	44.77 3.32 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	57.20 2.93 0.00	53.38 2.64 0.00	48.12 2.38 0.00	47.14 2.33 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.53 2.56 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.58 3.27 0.00	52.84 3.23 0.00	51.16 3.12 0.00	50.66 3.05 0.00	49.04 2.95 0.00	50.60 3.09 0.00	51.51 3.14 0.00	55.00 3.41 0.00	58.32 3.61 0.00	55.19 3.47 0.00	53.30 3.49 0.00	51.14 3.30 0.00	48.34 2.95 0.00	45.12 2.59 0.00	43.77 2.32 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	57.26 2.98 0.00	53.38 2.64 0.00	48.12 2.38 0.00	47.19 2.37 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.53 2.56 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.58 3.27 0.00	52.84 3.23 0.00	51.16 3.12 0.00	50.66 3.05 0.00	49.04 2.95 0.00	50.60 3.09 0.00	51.56 3.19 0.00	55.00 3.41 0.00	58.32 3.61 0.00	55.19 3.47 0.00	53.30 3.49 0.00	51.14 3.30 0.00	48.34 2.95 0.00	45.12 2.59 0.00	43.77 2.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.41 2.07 0.00	46.59 2.26 0.00	47.49 2.52 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.66 3.05 0.00	49.04 2.95 0.00	50.55 3.04 0.00	51.51 3.14 0.00	54.95 3.35 0.00	58.27 3.56 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.29 2.90 0.00	45.08 2.55 0.00	43.77 2.32 0.00
FARRAGUT___LBMP 323566	57.15 2.88 0.00	53.33 2.59 0.00	48.03 2.29 0.00	47.10 2.29 0.00	44.41 2.07 0.00	46.59 2.26 0.00	47.49 2.52 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.48 3.17 0.00	52.79 3.18 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.51 2.99 0.00	51.46 3.10 0.00	54.95 3.35 0.00	58.27 3.56 0.00	55.13 3.41 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.29 2.90 0.00	45.08 2.55 0.00	43.73 2.28 0.00
FENNER___WINDPWR 24204	54.70 0.43 0.00	51.05 0.31 0.00	46.02 0.28 0.00	45.04 0.23 0.00	42.55 0.21 0.00	44.65 0.31 0.00	45.38 0.40 0.00	40.97 0.32 0.00	47.36 0.37 0.00	50.67 0.35 0.00	50.06 0.45 0.00	48.42 0.38 0.00	48.04 0.43 0.00	46.42 0.32 0.00	47.99 0.48 0.00	48.90 0.53 0.00	52.22 0.62 0.00	55.37 0.66 0.00	52.19 0.46 0.00	50.26 0.45 0.00	48.22 0.38 0.00	45.79 0.41 0.00	42.91 0.38 0.00	41.74 0.29 0.00
FIBERTEK___ENERGY 23856	53.08 -1.19 0.00	49.53 -1.22 0.00	44.69 -1.05 0.00	43.74 -1.08 0.00	41.32 -1.02 0.00	43.36 -0.98 0.00	43.98 -0.99 0.00	39.71 -0.93 0.00	45.91 -1.08 0.00	49.10 -1.21 0.00	48.57 -1.04 0.00	47.08 -0.96 0.00	46.61 -1.00 0.00	45.08 -1.01 0.00	46.52 -1.00 0.00	47.45 -0.92 0.00	50.62 -0.98 0.00	53.67 -1.04 0.00	50.74 -0.98 0.00	48.86 -0.95 0.00	46.89 -0.96 0.00	44.57 -0.82 0.00	41.68 -0.85 0.00	40.62 -0.83 0.00
FITZPATRICK____ 23598	51.89 -2.39 0.00	48.46 -2.28 0.00	43.68 -2.06 0.00	42.79 -2.02 0.00	40.43 -1.90 0.00	42.38 -1.95 0.00	43.04 -1.93 0.00	38.82 -1.83 0.00	44.88 -2.11 0.00	48.05 -2.26 0.00	47.43 -2.18 0.00	45.93 -2.11 0.00	45.52 -2.09 0.00	44.02 -2.07 0.00	45.42 -2.09 0.00	46.29 -2.08 0.00	49.33 -2.27 0.00	52.41 -2.30 0.00	49.50 -2.22 0.00	47.67 -2.14 0.00	45.79 -2.06 0.00	43.44 -1.95 0.00	40.78 -1.75 0.00	39.71 -1.74 0.00
FLOWRFLD_69_KV_BK1 356044	59.16 4.88 0.00	55.01 4.26 0.00	49.67 3.93 0.00	48.98 4.17 0.00	46.27 3.94 0.00	48.23 3.90 0.00	49.38 4.41 0.00	45.01 4.35 -0.01	53.56 5.12 -1.45	62.57 5.23 -7.02	56.02 5.31 -1.09	56.03 5.19 -2.80	55.93 4.90 -3.42	54.93 4.79 -4.04	57.12 5.18 -4.43	55.57 5.42 -1.79	57.43 5.83 -0.01	60.73 6.02 0.00	57.57 5.84 0.00	56.02 5.58 -0.63	54.13 5.17 -1.12	50.87 4.81 -0.67	46.74 4.21 0.00	45.18 3.73 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	57.75 3.47 0.00	53.89 3.15 0.00	48.53 2.79 0.00	47.54 2.73 0.00	44.79 2.46 0.00	46.99 2.66 0.00	47.85 2.88 0.00	43.33 2.68 0.00	50.19 3.20 0.00	53.73 3.42 0.00	53.04 3.42 0.00	51.35 3.31 0.00	50.75 3.14 0.00	49.14 3.04 0.00	50.70 3.18 0.00	51.65 3.29 0.00	55.26 3.66 0.00	58.59 3.88 0.00	55.34 3.62 0.00	53.45 3.64 0.00	51.29 3.44 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.98 2.53 0.00
FORT ORANGE____ 23900	56.17 1.90 0.00	52.27 1.52 0.00	47.25 1.51 0.00	46.29 1.48 0.00	43.69 1.35 0.00	45.84 1.51 0.00	46.59 1.62 0.00	42.07 1.42 0.00	48.73 1.74 0.00	52.07 1.76 0.00	51.16 1.54 0.00	49.53 1.49 0.00	49.04 1.43 0.00	47.48 1.38 0.00	48.94 1.42 0.00	49.57 1.21 0.00	52.89 1.29 0.00	56.41 1.70 0.00	53.17 1.45 0.00	51.16 1.35 0.00	49.23 1.39 0.00	46.70 1.32 0.00	43.68 1.15 0.00	42.53 1.08 0.00
FORT_DRUM_COGEN 23780	54.06 -0.22 0.00	50.44 -0.30 0.00	45.42 -0.32 0.00	44.45 -0.36 0.00	41.91 -0.42 0.00	43.85 -0.49 0.00	44.70 -0.27 0.00	40.41 -0.24 0.00	46.66 -0.33 0.00	50.01 -0.30 0.00	49.32 -0.30 0.00	47.70 -0.34 0.00	47.28 -0.33 0.00	45.68 -0.41 0.00	47.56 0.05 0.00	48.51 0.15 0.00	52.11 0.52 0.00	55.09 0.38 0.00	51.82 0.10 0.00	49.81 0.00 0.00	47.80 -0.05 0.00	45.39 0.00 0.00	42.65 0.13 0.00	41.37 -0.08 0.00
FOX_HILLS___ESR 323835	57.47 3.20 0.00	55.17 3.10 -1.33	52.48 2.79 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.52 2.66 -5.53	55.20 2.88 -7.35	55.64 2.80 -12.19	56.37 3.38 -5.99	56.43 3.57 -2.55	56.43 3.52 -3.29	56.37 3.41 -4.92	56.37 3.33 -5.43	56.36 3.27 -7.00	56.37 3.37 -5.48	56.37 3.48 -4.52	56.23 3.77 -0.87	58.76 3.99 -0.06	56.47 3.83 -0.93	56.38 3.84 -2.73	56.66 3.64 -5.18	56.56 3.27 -7.91	56.26 2.93 -10.80	54.45 2.74 -10.26
FPL FAR_ROCK_GT1 24212	58.51 4.24 0.00	54.50 3.76 0.00	49.40 3.66 0.00	48.31 3.50 0.00	45.60 3.26 0.00	47.70 3.37 0.00	48.61 3.64 0.00	44.32 3.66 -0.01	53.49 4.32 -2.18	65.37 4.53 -10.53	55.73 4.47 -1.64	56.66 4.42 -4.20	57.40 4.29 -5.50	56.54 4.19 -6.25	58.47 4.32 -6.64	55.60 4.54 -2.69	56.56 4.95 -0.01	60.07 5.36 0.00	56.79 5.07 0.00	55.54 4.78 -0.95	53.99 4.45 -1.69	50.58 4.17 -1.02	46.27 3.74 0.00	44.77 3.32 0.00



FPL FAR_ROCK_GT2 23815	58.51 4.24 0.00	54.50 3.76 0.00	49.40 3.66 0.00	48.31 3.50 0.00	45.60 3.26 0.00	47.70 3.37 0.00	48.61 3.64 0.00	44.32 3.66 -0.01	53.49 4.32 -2.18	65.37 4.53 -10.53	55.73 4.47 -1.64	56.66 4.42 -4.20	57.40 4.29 -5.50	56.54 4.19 -6.25	58.47 4.32 -6.64	55.60 4.54 -2.69	56.56 4.95 -0.01	60.07 5.36 0.00	56.79 5.07 0.00	55.54 4.78 -0.95	53.99 4.45 -1.69	50.58 4.17 -1.02	46.27 3.74 0.00	44.77 3.32 0.00
FRANKLIN_FALL_HYD 24054	56.12 1.85 0.00	52.57 1.83 0.00	47.39 1.65 0.00	46.56 1.75 0.00	43.82 1.48 0.00	45.80 1.46 0.00	45.92 0.94 0.00	41.58 0.93 0.00	47.93 0.94 0.00	51.52 1.21 0.00	51.06 1.44 0.00	49.48 1.44 0.00	48.99 1.38 0.00	47.62 1.52 0.00	48.80 1.28 0.00	49.57 1.21 0.00	52.73 1.14 0.00	55.80 1.09 0.00	52.60 0.88 0.00	50.61 0.80 0.00	48.70 0.86 0.00	46.25 0.86 0.00	43.55 1.02 0.00	42.78 1.33 0.00
FREEPORT_EQUS_GT1 23764	58.13 3.85 0.00	54.14 3.40 0.00	49.13 3.38 0.00	47.99 3.18 0.00	45.34 3.01 0.00	47.48 3.15 0.00	48.35 3.37 0.00	44.16 3.50 -0.01	52.94 4.09 -1.86	63.47 4.17 -8.99	55.13 4.12 -1.40	55.66 4.04 -3.59	56.08 3.90 -4.57	55.19 3.82 -5.27	57.17 3.99 -5.67	54.87 4.21 -2.30	56.25 4.65 -0.01	59.69 4.98 0.00	56.43 4.71 0.00	55.10 4.48 -0.81	53.45 4.16 -1.44	50.20 3.95 -0.87	46.02 3.49 0.00	44.52 3.07 0.00
FREEPORT___CT2 23818	58.13 3.85 0.00	54.14 3.40 0.00	49.13 3.38 0.00	47.99 3.18 0.00	45.34 3.01 0.00	47.48 3.15 0.00	48.35 3.37 0.00	44.16 3.50 -0.01	52.94 4.09 -1.86	63.47 4.17 -8.99	55.13 4.12 -1.40	55.66 4.04 -3.59	56.08 3.90 -4.57	55.19 3.82 -5.27	57.17 3.99 -5.67	54.87 4.21 -2.30	56.25 4.65 -0.01	59.69 4.98 0.00	56.43 4.71 0.00	55.10 4.48 -0.81	53.45 4.16 -1.44	50.20 3.95 -0.87	46.02 3.49 0.00	44.52 3.07 0.00
FRESHKLS_33_KV_LOAD 356253	57.47 3.20 0.00	55.17 3.10 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.90 2.54 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.64 2.80 -12.19	56.32 3.34 -5.99	56.33 3.47 -2.55	56.33 3.42 -3.29	56.28 3.31 -4.92	56.32 3.29 -5.43	56.27 3.18 -7.00	56.32 3.33 -5.48	56.28 3.39 -4.52	56.23 3.77 -0.87	58.76 3.99 -0.06	56.47 3.83 -0.93	56.38 3.84 -2.73	56.61 3.59 -5.18	56.56 3.27 -7.91	56.26 2.93 -10.80	54.45 2.74 -10.26
FULTON COGEN____ 23766	52.37 -1.90 0.00	48.87 -1.88 0.00	44.05 -1.69 0.00	43.15 -1.66 0.00	40.77 -1.57 0.00	42.74 -1.60 0.00	43.35 -1.62 0.00	39.19 -1.46 0.00	45.30 -1.69 0.00	48.50 -1.81 0.00	47.93 -1.69 0.00	46.41 -1.63 0.00	45.99 -1.62 0.00	44.48 -1.61 0.00	45.85 -1.66 0.00	46.82 -1.55 0.00	49.94 -1.65 0.00	52.96 -1.75 0.00	50.07 -1.66 0.00	48.17 -1.64 0.00	46.26 -1.58 0.00	43.93 -1.45 0.00	41.12 -1.40 0.00	40.04 -1.41 0.00
FULTON___LFGE 323630	57.69 3.42 0.00	53.64 2.89 0.00	48.30 2.56 0.00	47.14 2.33 0.00	44.58 2.24 0.00	46.77 2.44 0.00	47.62 2.65 0.00	42.92 2.27 0.00	49.62 2.63 0.00	53.08 2.77 0.00	52.34 2.73 0.00	50.44 2.40 0.00	49.85 2.24 0.00	48.31 2.21 0.00	49.89 2.37 0.00	51.12 2.76 0.00	54.95 3.35 0.00	58.48 3.77 0.00	55.13 3.41 0.00	52.90 3.09 0.00	50.81 2.97 0.00	47.97 2.59 0.00	44.82 2.29 0.00	43.48 2.03 0.00
G.F.CEMENT___DRP 24184	56.88 2.61 0.00	52.88 2.13 0.00	47.62 1.88 0.00	46.60 1.79 0.00	44.07 1.74 0.00	46.06 1.73 0.00	46.95 1.98 0.00	42.36 1.71 0.00	49.01 2.02 0.00	52.62 2.31 0.00	51.85 2.23 0.00	50.15 2.11 0.00	49.66 2.05 0.00	47.98 1.89 0.00	49.46 1.95 0.00	50.30 1.93 0.00	53.76 2.17 0.00	57.34 2.63 0.00	54.05 2.33 0.00	51.90 2.09 0.00	49.80 1.96 0.00	47.02 1.63 0.00	43.93 1.40 0.00	42.61 1.16 0.00
GARDENVILLE___LBMP 24039	49.71 -4.56 0.00	46.43 -4.31 0.00	41.76 -3.98 0.00	40.78 -4.03 0.00	38.69 -3.64 0.00	40.56 -3.77 0.00	40.70 -4.27 0.00	36.02 -4.63 0.00	41.54 -5.45 0.00	44.32 -5.99 0.00	44.16 -5.46 0.00	42.99 -5.04 0.00	42.66 -4.95 0.00	41.21 -4.89 0.00	42.33 -5.18 0.00	43.67 -4.69 0.00	46.69 -4.90 0.00	49.18 -5.53 0.00	46.76 -4.97 0.00	44.98 -4.83 0.00	43.25 -4.59 0.00	41.30 -4.08 0.00	39.13 -3.40 0.00	38.63 -2.82 0.00
GARDNVLA_35_KV_LD 355827	49.93 -4.34 0.00	46.63 -4.11 0.00	41.94 -3.80 0.00	40.96 -3.85 0.00	38.91 -3.43 0.00	40.74 -3.59 0.00	40.83 -4.14 0.00	36.18 -4.47 0.00	41.73 -5.26 0.00	44.52 -5.79 0.00	44.36 -5.26 0.00	43.14 -4.90 0.00	42.80 -4.81 0.00	41.44 -4.66 0.00	42.52 -4.99 0.00	43.82 -4.55 0.00	46.90 -4.70 0.00	49.40 -5.31 0.00	46.96 -4.76 0.00	45.18 -4.63 0.00	43.39 -4.45 0.00	41.48 -3.90 0.00	39.30 -3.23 0.00	38.80 -2.65 0.00
GELCKHM___115KV_LOAD 80723	52.70 -1.57 0.00	49.22 -1.52 0.00	44.37 -1.37 0.00	43.47 -1.34 0.00	41.07 -1.27 0.00	43.05 -1.29 0.00	43.67 -1.30 0.00	39.43 -1.22 0.00	45.58 -1.41 0.00	48.80 -1.51 0.00	48.23 -1.39 0.00	46.69 -1.35 0.00	46.28 -1.33 0.00	44.76 -1.34 0.00	46.18 -1.33 0.00	47.11 -1.26 0.00	50.25 -1.34 0.00	53.29 -1.42 0.00	50.38 -1.34 0.00	48.52 -1.30 0.00	46.55 -1.29 0.00	44.25 -1.13 0.00	41.38 -1.15 0.00	40.33 -1.12 0.00
GENERAL___MILLS 23808	49.88 -4.40 0.00	46.58 -4.16 0.00	41.90 -3.84 0.00	40.91 -3.90 0.00	38.82 -3.51 0.00	40.65 -3.68 0.00	40.79 -4.18 0.00	36.14 -4.51 0.00	41.68 -5.31 0.00	44.47 -5.84 0.00	44.31 -5.31 0.00	43.09 -4.95 0.00	42.75 -4.86 0.00	41.35 -4.75 0.00	42.48 -5.04 0.00	43.77 -4.59 0.00	46.85 -4.75 0.00	49.35 -5.36 0.00	46.91 -4.81 0.00	45.13 -4.68 0.00	43.35 -4.50 0.00	41.44 -3.95 0.00	39.25 -3.27 0.00	38.76 -2.69 0.00
GE_PLASTICS___DRP 24183	56.01 1.74 0.00	52.22 1.47 0.00	47.11 1.37 0.00	46.20 1.39 0.00	43.61 1.27 0.00	45.71 1.37 0.00	46.46 1.48 0.00	41.95 1.30 0.00	48.59 1.60 0.00	52.02 1.71 0.00	51.06 1.44 0.00	49.43 1.39 0.00	48.99 1.38 0.00	47.43 1.34 0.00	48.89 1.38 0.00	49.62 1.26 0.00	52.89 1.29 0.00	56.30 1.59 0.00	53.12 1.40 0.00	51.21 1.39 0.00	49.23 1.39 0.00	46.66 1.27 0.00	43.63 1.11 0.00	42.49 1.04 0.00
GILBOA___1 23756	55.57 1.30 0.00	51.91 1.17 0.00	46.84 1.10 0.00	45.84 1.03 0.00	43.31 0.97 0.00	45.39 1.06 0.00	46.10 1.12 0.00	41.70 1.06 0.00	48.26 1.27 0.00	51.67 1.36 0.00	50.81 1.19 0.00	49.19 1.15 0.00	48.75 1.14 0.00	47.20 1.10 0.00	48.65 1.14 0.00	49.52 1.16 0.00	52.89 1.29 0.00	56.30 1.59 0.00	53.12 1.40 0.00	51.16 1.35 0.00	49.09 1.24 0.00	46.56 1.18 0.00	43.55 1.02 0.00	42.36 0.91 0.00
GILBOA___2 23757	55.57 1.30 0.00	51.91 1.17 0.00	46.84 1.10 0.00	45.84 1.03 0.00	43.31 0.97 0.00	45.39 1.06 0.00	46.10 1.12 0.00	41.70 1.06 0.00	48.26 1.27 0.00	51.67 1.36 0.00	50.81 1.19 0.00	49.19 1.15 0.00	48.75 1.14 0.00	47.20 1.10 0.00	48.65 1.14 0.00	49.52 1.16 0.00	52.89 1.29 0.00	56.30 1.59 0.00	53.12 1.40 0.00	51.16 1.35 0.00	49.09 1.24 0.00	46.56 1.18 0.00	43.55 1.02 0.00	42.36 0.91 0.00

GILBOA___3 23758	55.57 1.30 0.00	51.91 1.17 0.00	46.84 1.10 0.00	45.84 1.03 0.00	43.31 0.97 0.00	45.39 1.06 0.00	46.10 1.12 0.00	41.70 1.06 0.00	48.26 1.27 0.00	51.67 1.36 0.00	50.81 1.19 0.00	49.19 1.15 0.00	48.75 1.14 0.00	47.20 1.10 0.00	48.65 1.14 0.00	49.52 1.16 0.00	52.89 1.29 0.00	56.30 1.59 0.00	53.12 1.40 0.00	51.16 1.35 0.00	49.09 1.24 0.00	46.56 1.18 0.00	43.55 1.02 0.00	42.36 0.91 0.00
GILBOA___4 23759	55.57 1.30 0.00	51.91 1.17 0.00	46.84 1.10 0.00	45.84 1.03 0.00	43.31 0.97 0.00	45.39 1.06 0.00	46.10 1.12 0.00	41.70 1.06 0.00	48.26 1.27 0.00	51.67 1.36 0.00	50.81 1.19 0.00	49.19 1.15 0.00	48.75 1.14 0.00	47.20 1.10 0.00	48.65 1.14 0.00	49.52 1.16 0.00	52.89 1.29 0.00	56.30 1.59 0.00	53.12 1.40 0.00	51.16 1.35 0.00	49.09 1.24 0.00	46.56 1.18 0.00	43.55 1.02 0.00	42.36 0.91 0.00
GILBOA___ 23599	55.57 1.30 0.00	51.91 1.17 0.00	46.79 1.05 0.00	45.89 1.08 0.00	43.31 0.97 0.00	45.40 1.06 0.00	46.10 1.12 0.00	41.71 1.06 0.00	48.26 1.27 0.00	51.67 1.36 0.00	50.81 1.19 0.00	49.19 1.15 0.00	48.75 1.14 0.00	47.20 1.11 0.00	48.65 1.14 0.00	49.53 1.16 0.00	52.83 1.24 0.00	56.19 1.48 0.00	53.07 1.34 0.00	51.16 1.34 0.00	49.09 1.24 0.00	46.52 1.13 0.00	43.51 0.98 0.00	42.36 0.91 0.00
GINNA___ 23603	49.06 -5.21 0.00	45.87 -4.87 0.00	41.30 -4.44 0.00	40.46 -4.35 0.00	38.23 -4.11 0.00	40.16 -4.17 0.00	40.65 -4.32 0.00	36.34 -4.31 0.00	42.06 -4.93 0.00	44.98 -5.33 0.00	44.76 -4.86 0.00	43.33 -4.71 0.00	42.95 -4.66 0.00	41.44 -4.65 0.00	42.67 -4.85 0.00	43.67 -4.69 0.00	46.44 -5.16 0.00	49.56 -5.14 0.00	46.65 -5.07 0.00	45.03 -4.78 0.00	43.25 -4.59 0.00	41.07 -4.31 0.00	38.78 -3.74 0.00	37.80 -3.65 0.00
GLEN PARK___ 23778	54.33 0.05 0.00	50.69 -0.05 0.00	45.65 -0.09 0.00	44.68 -0.13 0.00	42.17 -0.17 0.00	44.07 -0.26 0.00	44.97 0.00 0.00	40.61 -0.04 0.00	46.90 -0.09 0.00	50.26 -0.05 0.00	49.57 -0.05 0.00	47.94 -0.10 0.00	47.56 -0.05 0.00	45.91 -0.18 0.00	47.80 0.29 0.00	48.80 0.43 0.00	52.42 0.82 0.00	55.42 0.71 0.00	52.09 0.36 0.00	50.11 0.30 0.00	48.04 0.19 0.00	45.61 0.23 0.00	42.83 0.30 0.00	41.57 0.12 0.00
GLENDALE_27_KV_LOAD 356172	57.53 3.26 0.00	53.79 3.04 0.00	48.44 2.70 0.00	47.45 2.64 0.00	44.71 2.37 0.00	46.90 2.57 0.00	47.80 2.83 0.00	43.45 2.80 0.00	50.37 3.38 0.00	53.93 3.62 0.00	53.24 3.62 0.00	51.50 3.46 0.00	51.04 3.43 0.00	49.41 3.32 0.00	50.98 3.47 0.00	51.90 3.53 0.00	55.41 3.82 0.00	58.81 4.10 0.00	55.60 3.88 0.00	53.70 3.89 0.00	51.53 3.68 0.00	48.70 3.31 0.00	45.46 2.93 0.00	44.14 2.69 0.00
GLENWOOD_IC_1_G5 23712	57.80 3.53 0.00	53.84 3.10 0.00	48.58 2.84 0.00	47.77 2.96 0.00	45.04 2.71 0.00	47.13 2.79 0.00	48.07 3.10 0.00	43.71 3.05 -0.02	52.97 3.62 -2.36	65.54 3.82 -11.41	54.97 3.57 -1.78	55.91 3.31 -4.55	56.73 3.24 -5.88	56.01 3.18 -6.74	57.99 3.28 -7.19	54.67 3.39 -2.92	55.27 3.66 -0.02	58.54 3.83 0.00	55.39 3.67 0.00	54.67 3.84 -1.03	53.45 3.78 -1.83	49.94 3.45 -1.10	45.59 3.06 0.00	44.14 2.69 0.00
GLENWOOD_IC_2_G1 23688	57.47 3.20 0.00	53.58 2.84 0.00	48.44 2.70 0.00	47.36 2.55 0.00	44.70 2.37 0.00	46.86 2.53 0.00	47.71 2.74 0.00	43.42 2.77 0.00	50.43 3.34 -0.10	54.26 3.47 -0.48	53.07 3.38 -0.08	51.50 3.27 -0.19	51.05 3.19 -0.25	49.47 3.09 -0.29	51.05 3.23 -0.30	51.87 3.38 -0.12	55.31 3.72 0.00	58.81 4.11 0.00	55.49 3.77 0.00	53.49 3.63 -0.04	51.37 3.45 -0.08	48.61 3.18 -0.05	45.33 2.81 0.00	43.94 2.49 0.00
GLENWOOD_IC_3_G1 23689	57.47 3.20 0.00	53.58 2.84 0.00	48.44 2.70 0.00	47.36 2.55 0.00	44.70 2.37 0.00	46.86 2.53 0.00	47.71 2.74 0.00	43.42 2.77 0.00	50.43 3.34 -0.10	54.26 3.47 -0.48	53.07 3.38 -0.08	51.50 3.27 -0.19	51.05 3.19 -0.25	49.47 3.09 -0.29	51.05 3.23 -0.30	51.87 3.38 -0.12	55.31 3.72 0.00	58.81 4.11 0.00	55.49 3.77 0.00	53.49 3.63 -0.04	51.37 3.45 -0.08	48.61 3.18 -0.05	45.33 2.81 0.00	43.94 2.49 0.00
GLENWOOD___4 23550	57.80 3.53 0.00	53.84 3.10 0.00	48.58 2.84 0.00	47.77 2.96 0.00	45.04 2.71 0.00	47.13 2.79 0.00	48.07 3.10 0.00	43.71 3.05 -0.02	52.97 3.62 -2.36	65.54 3.82 -11.41	55.02 3.62 -1.78	56.05 3.46 -4.55	56.87 3.38 -5.88	56.10 3.27 -6.74	58.08 3.37 -7.19	54.81 3.53 -2.92	55.38 3.77 -0.02	58.65 3.94 0.00	55.55 3.83 0.00	54.72 3.89 -1.03	53.45 3.78 -1.83	49.94 3.45 -1.10	45.59 3.06 0.00	44.14 2.69 0.00
GLENWOOD___5 23614	57.80 3.53 0.00	53.84 3.10 0.00	48.58 2.84 0.00	47.77 2.96 0.00	45.04 2.71 0.00	47.13 2.79 0.00	48.07 3.10 0.00	43.71 3.05 -0.02	52.97 3.62 -2.36	65.54 3.82 -11.41	55.02 3.62 -1.78	56.05 3.46 -4.55	56.87 3.38 -5.88	56.10 3.27 -6.74	58.08 3.37 -7.19	54.81 3.53 -2.92	55.38 3.77 -0.02	58.65 3.94 0.00	55.55 3.83 0.00	54.72 3.89 -1.03	53.45 3.78 -1.83	49.94 3.45 -1.10	45.59 3.06 0.00	44.14 2.69 0.00
GLOBAL GREEN_PORT_GT1 23814	60.84 6.56 0.00	56.53 5.78 0.00	51.32 5.58 0.00	50.14 5.33 0.00	47.46 5.12 0.00	49.56 5.23 0.00	50.59 5.62 0.00	46.31 5.65 -0.01	55.15 6.72 -1.44	64.30 6.99 -6.99	57.85 7.15 -1.09	57.89 7.06 -2.79	57.58 6.57 -3.40	56.44 6.32 -4.03	58.91 6.99 -4.41	57.26 7.11 -1.79	59.19 7.59 -0.01	62.86 8.15 0.00	58.86 7.14 0.00	57.01 6.57 -0.62	54.84 5.88 -1.12	51.50 5.44 -0.67	47.21 4.68 0.00	45.80 4.35 0.00
GLOBE___DSASP 323697	48.03 -6.24 0.00	44.86 -5.89 0.00	40.39 -5.35 0.00	39.43 -5.38 0.00	37.47 -4.87 0.00	39.28 -5.05 0.00	39.30 -5.67 0.00	34.80 -5.85 0.00	40.13 -6.86 0.00	42.81 -7.50 0.00	42.67 -6.95 0.00	41.46 -6.58 0.00	41.09 -6.52 0.00	39.78 -6.31 0.00	40.77 -6.75 0.00	41.98 -6.38 0.00	44.94 -6.66 0.00	47.21 -7.50 0.00	45.00 -6.72 0.00	43.24 -6.58 0.00	41.58 -6.27 0.00	39.80 -5.58 0.00	37.76 -4.76 0.00	37.35 -4.10 0.00
GOETHSLN___LBMP 323567	56.82 2.55 0.00	52.92 2.23 0.06	47.60 2.01 0.16	46.63 2.02 0.19	43.84 1.78 0.27	46.08 1.95 0.20	46.91 2.20 0.27	42.39 2.20 0.45	49.50 2.73 0.22	53.09 2.87 0.09	52.33 2.83 0.12	50.60 2.74 0.18	50.08 2.67 0.20	48.47 2.63 0.25	50.02 2.71 0.20	51.01 2.81 0.16	54.56 2.99 0.02	57.88 3.17 0.00	54.75 3.05 0.03	52.81 3.09 0.09	50.58 2.92 0.19	47.68 2.59 0.29	44.38 2.25 0.40	43.06 1.99 0.38
GOLAH___69_KV_TB 1_2 80279	50.64 -3.64 0.00	47.40 -3.35 0.00	42.68 -3.06 0.00	41.72 -3.09 0.00	39.54 -2.79 0.00	41.63 -2.70 0.00	41.91 -3.06 0.00	37.36 -3.29 0.00	43.23 -3.76 0.00	46.24 -4.08 0.00	46.04 -3.57 0.00	44.58 -3.46 0.00	44.13 -3.48 0.00	42.59 -3.50 0.00	43.81 -3.71 0.00	44.98 -3.39 0.00	48.14 -3.46 0.00	50.99 -3.72 0.00	48.36 -3.36 0.00	46.37 -3.44 0.00	44.49 -3.35 0.00	42.44 -2.95 0.00	39.89 -2.64 0.00	39.17 -2.28 0.00

GOODYEAR_LAKE_HYD 323669	55.90 1.63 0.00	52.17 1.42 0.00	46.98 1.23 0.00	46.02 1.21 0.00	43.44 1.10 0.00	45.53 1.20 0.00	46.41 1.44 0.00	41.91 1.26 0.00	48.54 1.55 0.00	51.97 1.66 0.00	51.30 1.69 0.00	49.58 1.54 0.00	49.13 1.52 0.00	47.48 1.38 0.00	49.03 1.52 0.00	50.06 1.69 0.00	53.61 2.01 0.00	56.79 2.08 0.00	53.58 1.86 0.00	51.55 1.74 0.00	49.47 1.63 0.00	46.84 1.45 0.00	43.85 1.32 0.00	42.57 1.12 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	53.68 -0.60 0.00	50.08 -0.66 0.00	45.15 -0.59 0.00	44.18 -0.63 0.00	41.74 -0.59 0.00	43.76 -0.58 0.00	44.39 -0.58 0.00	39.92 -0.73 0.00	46.10 -0.89 0.00	49.30 -1.01 0.00	48.77 -0.84 0.00	47.27 -0.77 0.00	46.85 -0.76 0.00	45.31 -0.78 0.00	46.71 -0.81 0.00	47.74 -0.63 0.00	50.98 -0.62 0.00	54.00 -0.71 0.00	51.10 -0.62 0.00	49.21 -0.60 0.00	47.22 -0.62 0.00	44.84 -0.54 0.00	42.02 -0.51 0.00	41.08 -0.37 0.00
GOUDEY___7 23579	53.68 -0.60 0.00	50.08 -0.66 0.00	45.15 -0.59 0.00	44.18 -0.63 0.00	41.74 -0.59 0.00	43.76 -0.58 0.00	44.39 -0.58 0.00	39.92 -0.73 0.00	46.10 -0.89 0.00	49.30 -1.01 0.00	48.77 -0.84 0.00	47.27 -0.77 0.00	46.85 -0.76 0.00	45.31 -0.78 0.00	46.71 -0.81 0.00	47.74 -0.63 0.00	50.98 -0.62 0.00	54.00 -0.71 0.00	51.10 -0.62 0.00	49.21 -0.60 0.00	47.22 -0.62 0.00	44.84 -0.54 0.00	42.02 -0.51 0.00	41.08 -0.37 0.00
GOUDEY___8 23580	53.68 -0.60 0.00	50.08 -0.66 0.00	45.15 -0.59 0.00	44.18 -0.63 0.00	41.74 -0.59 0.00	43.76 -0.58 0.00	44.39 -0.58 0.00	39.92 -0.73 0.00	46.10 -0.89 0.00	49.30 -1.01 0.00	48.77 -0.84 0.00	47.27 -0.77 0.00	46.85 -0.76 0.00	45.31 -0.78 0.00	46.71 -0.81 0.00	47.74 -0.63 0.00	50.98 -0.62 0.00	54.00 -0.71 0.00	51.10 -0.62 0.00	49.21 -0.60 0.00	47.22 -0.62 0.00	44.84 -0.54 0.00	42.02 -0.51 0.00	41.08 -0.37 0.00
GOWANUS_GT1_1 24077	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT1_2 24078	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT1_3 24079	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT1_4 24080	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT1_5 24084	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT1_6 24111	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT1_7 24112	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT1_8 24113	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT2_1 24114	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT2_2 24115	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT2_3 24116	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26

GOWANUS_GT2_4 24117	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT2_5 24118	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT2_6 24119	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT2_7 24120	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT2_8 24121	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT3_1 24122	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT3_2 24123	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT3_3 24124	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT3_4 24125	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT3_5 24126	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT3_6 24127	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT3_7 24128	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT3_8 24129	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
GOWANUS_GT4_1 24130	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT4_2 24131	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26

GOWANUS_GT4_3 24132	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT4_4 24133	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT4_5 24134	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT4_6 24135	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT4_7 24136	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GOWANUS_GT4_8 24137	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GREENBSH_115KV_TB3 55895	56.12 1.85 0.00	52.32 1.57 0.00	47.20 1.46 0.00	46.29 1.48 0.00	43.73 1.40 0.00	45.84 1.51 0.00	46.59 1.62 0.00	42.11 1.46 0.00	48.73 1.74 0.00	52.17 1.86 0.00	51.15 1.54 0.00	49.53 1.49 0.00	49.09 1.48 0.00	47.52 1.43 0.00	48.99 1.47 0.00	49.62 1.26 0.00	52.83 1.24 0.00	56.30 1.59 0.00	53.07 1.34 0.00	51.16 1.34 0.00	49.23 1.39 0.00	46.66 1.27 0.00	43.68 1.15 0.00	42.53 1.08 0.00
GREENDGE_115KV_TB5 80291	52.37 -1.90 0.00	48.87 -1.88 0.00	44.37 -1.37 0.00	43.33 -1.48 0.00	41.02 -1.31 0.00	43.05 -1.29 0.00	43.58 -1.39 0.00	39.06 -1.59 0.00	45.02 -1.97 0.00	47.59 -2.72 0.00	47.68 -1.94 0.00	46.31 -1.73 0.00	45.94 -1.67 0.00	44.39 -1.71 0.00	45.76 -1.76 0.00	46.96 -1.40 0.00	49.74 -1.86 0.00	52.79 -1.91 0.00	50.01 -1.71 0.00	48.12 -1.69 0.00	46.50 -1.34 0.00	44.30 -1.09 0.00	41.42 -1.11 0.00	40.58 -0.87 0.00
GREENIDGE___3 23582	52.37 -1.90 0.00	48.87 -1.88 0.00	44.37 -1.37 0.00	43.33 -1.48 0.00	41.02 -1.31 0.00	43.05 -1.29 0.00	43.58 -1.39 0.00	39.06 -1.59 0.00	45.02 -1.97 0.00	47.59 -2.72 0.00	47.68 -1.94 0.00	46.31 -1.73 0.00	45.94 -1.67 0.00	44.39 -1.71 0.00	45.76 -1.76 0.00	46.96 -1.40 0.00	49.74 -1.86 0.00	52.79 -1.91 0.00	50.01 -1.71 0.00	48.12 -1.69 0.00	46.50 -1.34 0.00	44.30 -1.09 0.00	41.42 -1.11 0.00	40.58 -0.87 0.00
GREENIDGE___4 23583	52.37 -1.90 0.00	48.87 -1.88 0.00	44.41 -1.33 0.00	43.37 -1.44 0.00	41.02 -1.31 0.00	43.05 -1.29 0.00	43.62 -1.35 0.00	39.06 -1.59 0.00	45.02 -1.97 0.00	48.05 -2.26 0.00	47.68 -1.94 0.00	46.31 -1.73 0.00	45.94 -1.67 0.00	44.39 -1.70 0.00	45.76 -1.76 0.00	46.92 -1.45 0.00	49.53 -2.07 0.00	52.85 -1.86 0.00	49.81 -1.91 0.00	48.07 -1.74 0.00	46.50 -1.34 0.00	44.16 -1.22 0.00	41.55 -0.98 0.00	40.58 -0.87 0.00
GREENLWN_69_KV_BK 3 55738	57.80 3.53 0.00	53.84 3.10 0.00	48.62 2.88 0.00	47.90 3.09 0.00	45.21 2.88 0.00	47.21 2.88 0.00	48.25 3.28 0.00	43.95 3.29 -0.01	52.36 3.90 -1.47	61.47 4.02 -7.13	54.59 3.87 -1.11	54.63 3.75 -2.84	54.75 3.67 -3.48	53.85 3.64 -4.11	55.67 3.66 -4.50	54.15 3.97 -1.82	55.68 4.08 -0.01	58.76 4.05 0.00	55.81 4.09 0.00	54.63 4.18 -0.64	52.96 3.97 -1.14	49.75 3.68 -0.69	45.72 3.19 0.00	44.23 2.78 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26
GRISSOM___SOLAR 323813	57.58 3.31 0.00	53.53 2.79 0.00	48.25 2.51 0.00	47.09 2.28 0.00	44.54 2.20 0.00	46.73 2.39 0.00	47.58 2.61 0.00	42.84 2.19 0.00	49.57 2.58 0.00	53.03 2.71 0.00	52.29 2.68 0.00	50.44 2.40 0.00	49.89 2.29 0.00	48.31 2.21 0.00	49.84 2.33 0.00	51.02 2.66 0.00	54.80 3.20 0.00	58.32 3.61 0.00	55.03 3.31 0.00	52.80 2.99 0.00	50.71 2.87 0.00	47.88 2.49 0.00	44.78 2.25 0.00	43.44 1.99 0.00
GROVEVILLE___HYD 323602	57.75 3.47 0.00	53.89 3.15 0.00	48.53 2.79 0.00	47.54 2.73 0.00	44.79 2.46 0.00	46.99 2.66 0.00	47.85 2.88 0.00	43.33 2.68 0.00	50.19 3.20 0.00	53.73 3.42 0.00	53.04 3.42 0.00	51.35 3.31 0.00	50.75 3.14 0.00	49.14 3.04 0.00	50.70 3.18 0.00	51.65 3.29 0.00	55.26 3.66 0.00	58.59 3.88 0.00	55.34 3.62 0.00	53.45 3.64 0.00	51.29 3.44 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.98 2.53 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	53.08 -1.19 0.00	49.53 -1.22 0.00	44.69 -1.05 0.00	43.74 -1.08 0.00	41.32 -1.02 0.00	43.36 -0.98 0.00	43.98 -0.99 0.00	39.71 -0.93 0.00	45.91 -1.08 0.00	49.10 -1.21 0.00	48.57 -1.04 0.00	47.08 -0.96 0.00	46.61 -1.00 0.00	45.08 -1.01 0.00	46.52 -1.00 0.00	47.45 -0.92 0.00	50.62 -0.98 0.00	53.67 -1.04 0.00	50.74 -0.98 0.00	48.86 -0.95 0.00	46.89 -0.96 0.00	44.57 -0.82 0.00	41.68 -0.85 0.00	40.62 -0.83 0.00

HAMLTNNY_34_KV_TB 80303	53.08 -1.19 0.00	49.53 -1.22 0.00	44.64 -1.10 0.00	43.69 -1.12 0.00	41.32 -1.02 0.00	43.31 -1.02 0.00	43.94 -1.03 0.00	39.67 -0.98 0.00	45.86 -1.13 0.00	49.05 -1.26 0.00	48.52 -1.09 0.00	47.03 -1.01 0.00	46.56 -1.05 0.00	45.03 -1.06 0.00	46.42 -1.09 0.00	47.40 -0.97 0.00	50.56 -1.03 0.00	53.67 -1.04 0.00	50.74 -0.98 0.00	48.82 -1.00 0.00	46.89 -0.96 0.00	44.52 -0.86 0.00	41.68 -0.85 0.00	40.58 -0.87 0.00
HAMPSHIRE___PAPER_HYD 323593	53.78 -0.49 0.00	50.34 -0.41 0.00	45.28 -0.46 0.00	44.45 -0.36 0.00	41.95 -0.38 0.00	43.71 -0.62 0.00	44.16 -0.81 0.00	40.08 -0.57 0.00	46.15 -0.84 0.00	49.46 -0.86 0.00	48.87 -0.74 0.00	47.32 -0.72 0.00	46.90 -0.71 0.00	45.36 -0.74 0.00	47.04 -0.48 0.00	47.83 -0.53 0.00	51.13 -0.47 0.00	53.94 -0.77 0.00	51.00 -0.72 0.00	49.01 -0.80 0.00	47.08 -0.77 0.00	44.71 -0.68 0.00	42.02 -0.51 0.00	41.28 -0.17 0.00
HARDSCRABBLE_WT_PWR 323673	55.57 1.30 0.00	51.91 1.17 0.00	46.75 1.01 0.00	45.71 0.90 0.00	43.18 0.85 0.00	45.22 0.89 0.00	45.87 0.90 0.00	41.42 0.77 0.00	47.98 0.99 0.00	51.37 1.06 0.00	50.71 1.09 0.00	49.24 1.20 0.00	48.90 1.29 0.00	47.34 1.25 0.00	48.84 1.33 0.00	49.72 1.35 0.00	52.99 1.39 0.00	56.19 1.48 0.00	53.01 1.29 0.00	51.06 1.25 0.00	49.04 1.20 0.00	46.56 1.18 0.00	43.63 1.10 0.00	42.49 1.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	57.04 2.77 0.00	53.23 2.49 0.00	47.94 2.20 0.00	46.96 2.15 0.00	44.28 1.95 0.00	46.46 2.13 0.00	47.26 2.29 0.00	42.84 2.20 0.00	49.67 2.68 0.00	53.13 2.82 0.00	52.44 2.83 0.00	50.78 2.74 0.00	50.23 2.62 0.00	48.63 2.54 0.00	50.13 2.61 0.00	51.07 2.71 0.00	54.59 2.99 0.00	57.94 3.23 0.00	54.77 3.05 0.00	52.85 3.04 0.00	50.71 2.87 0.00	47.97 2.59 0.00	44.78 2.25 0.00	43.48 2.03 0.00
HARSNRAD_115KV_TB1 81005	48.90 -5.37 0.00	45.67 -5.07 0.00	41.12 -4.62 0.00	40.11 -4.71 0.00	38.10 -4.23 0.00	39.94 -4.39 0.00	40.02 -4.95 0.00	35.45 -5.20 0.00	40.88 -6.11 0.00	43.62 -6.69 0.00	43.46 -6.15 0.00	42.23 -5.81 0.00	41.90 -5.71 0.00	40.52 -5.58 0.00	41.57 -5.94 0.00	42.85 -5.51 0.00	45.87 -5.73 0.00	48.31 -6.40 0.00	45.98 -5.74 0.00	44.13 -5.68 0.00	42.44 -5.41 0.00	40.62 -4.77 0.00	38.49 -4.04 0.00	38.01 -3.44 0.00
HARZA MOOSE___RIVER 24016	54.54 0.27 0.00	50.95 0.20 0.00	45.88 0.14 0.00	44.94 0.13 0.00	42.42 0.08 0.00	44.42 0.09 0.00	45.20 0.22 0.00	40.85 0.20 0.00	47.27 0.28 0.00	50.61 0.30 0.00	49.91 0.30 0.00	48.28 0.24 0.00	47.90 0.29 0.00	46.23 0.14 0.00	48.13 0.62 0.00	48.99 0.63 0.00	52.47 0.88 0.00	55.48 0.77 0.00	52.29 0.57 0.00	50.31 0.50 0.00	48.27 0.43 0.00	45.79 0.41 0.00	43.00 0.47 0.00	41.78 0.33 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	52.70 -1.57 0.00	49.17 -1.57 0.00	44.37 -1.37 0.00	43.47 -1.34 0.00	41.07 -1.27 0.00	43.09 -1.24 0.00	43.71 -1.26 0.00	39.43 -1.22 0.00	45.58 -1.41 0.00	48.80 -1.51 0.00	48.23 -1.39 0.00	46.69 -1.35 0.00	46.28 -1.33 0.00	44.76 -1.34 0.00	46.18 -1.33 0.00	47.11 -1.26 0.00	50.25 -1.34 0.00	53.29 -1.42 0.00	50.43 -1.29 0.00	48.52 -1.30 0.00	46.55 -1.29 0.00	44.25 -1.13 0.00	41.38 -1.15 0.00	40.33 -1.12 0.00
HELLGATE_13_KV_LD 55870	57.31 3.04 0.00	53.54 2.79 0.00	48.26 2.52 0.00	47.32 2.51 0.00	44.58 2.24 0.00	46.73 2.39 0.00	47.62 2.65 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.68 3.37 0.00	52.99 3.37 0.00	51.31 3.27 0.00	50.85 3.24 0.00	49.23 3.13 0.00	50.74 3.23 0.00	51.65 3.29 0.00	55.16 3.56 0.00	58.54 3.83 0.00	55.34 3.62 0.00	53.45 3.64 0.00	51.29 3.44 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.98 2.53 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	57.31 3.04 0.00	53.54 2.79 0.00	48.26 2.52 0.00	47.32 2.51 0.00	44.58 2.24 0.00	46.73 2.39 0.00	47.62 2.65 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.68 3.37 0.00	52.99 3.37 0.00	51.31 3.27 0.00	50.85 3.24 0.00	49.23 3.13 0.00	50.74 3.23 0.00	51.65 3.29 0.00	55.16 3.56 0.00	58.54 3.83 0.00	55.34 3.62 0.00	53.45 3.64 0.00	51.29 3.44 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.98 2.53 0.00
HEMPSTEAD____ 23647	57.69 3.42 0.00	53.74 2.99 0.00	48.76 3.02 0.00	47.64 2.82 0.00	45.00 2.67 0.00	47.13 2.79 0.00	47.98 3.01 0.00	43.79 3.13 -0.01	52.72 3.67 -2.06	64.02 3.78 -9.94	54.89 3.72 -1.55	55.61 3.60 -3.97	56.16 3.47 -5.07	55.35 3.41 -5.84	57.30 3.52 -6.27	54.63 3.72 -2.54	55.68 4.08 -0.01	59.14 4.43 0.00	55.86 4.14 0.00	54.69 3.99 -0.89	53.22 3.78 -1.59	49.89 3.54 -0.96	45.63 3.10 0.00	44.14 2.69 0.00
HEWLETT_69_KV_BK3 55828	58.23 3.96 0.00	54.25 3.50 0.00	48.99 3.25 0.00	48.22 3.41 0.00	45.47 3.13 0.00	47.52 3.19 0.00	48.52 3.55 0.00	44.16 3.50 -0.01	53.31 4.14 -2.18	65.11 4.28 -10.53	55.48 4.22 -1.64	56.37 4.13 -4.20	57.11 4.00 -5.50	56.26 3.92 -6.25	58.19 4.04 -6.64	55.32 4.26 -2.69	56.15 4.54 -0.01	59.47 4.76 0.00	56.32 4.60 0.00	55.24 4.48 -0.95	53.75 4.21 -1.69	50.31 3.90 -1.02	46.01 3.49 0.00	44.56 3.11 0.00
HICKLING___1 23621	52.70 -1.57 0.00	49.17 -1.57 0.00	44.32 -1.42 0.00	43.33 -1.48 0.00	40.98 -1.35 0.00	42.96 -1.37 0.00	43.44 -1.53 0.00	38.82 -1.83 0.00	44.78 -2.21 0.00	47.69 -2.62 0.00	47.38 -2.23 0.00	46.07 -1.97 0.00	45.71 -1.90 0.00	44.16 -1.94 0.00	45.52 -2.00 0.00	46.72 -1.64 0.00	49.79 -1.81 0.00	52.74 -1.97 0.00	49.91 -1.81 0.00	48.07 -1.74 0.00	46.17 -1.67 0.00	43.93 -1.45 0.00	41.21 -1.32 0.00	40.45 -0.99 0.00
HICKLING___2 23622	52.70 -1.57 0.00	49.17 -1.57 0.00	44.32 -1.42 0.00	43.33 -1.48 0.00	40.98 -1.35 0.00	42.96 -1.37 0.00	43.44 -1.53 0.00	38.82 -1.83 0.00	44.78 -2.21 0.00	47.69 -2.62 0.00	47.38 -2.23 0.00	46.07 -1.97 0.00	45.71 -1.90 0.00	44.16 -1.94 0.00	45.52 -2.00 0.00	46.72 -1.64 0.00	49.79 -1.81 0.00	52.74 -1.97 0.00	49.91 -1.81 0.00	48.07 -1.74 0.00	46.17 -1.67 0.00	43.93 -1.45 0.00	41.21 -1.32 0.00	40.45 -0.99 0.00
HIGH FALLS___HY 23754	58.18 3.91 0.00	54.35 3.60 0.00	48.85 3.11 0.00	47.86 3.05 0.00	45.04 2.71 0.00	47.35 3.01 0.00	48.25 3.28 0.00	43.70 3.05 0.00	50.61 3.62 0.00	54.13 3.82 0.00	53.44 3.82 0.00	51.74 3.70 0.00	51.09 3.48 0.00	49.41 3.32 0.00	50.98 3.47 0.00	52.09 3.72 0.00	55.98 4.39 0.00	59.30 4.60 0.00	56.01 4.29 0.00	54.14 4.33 0.00	51.91 4.07 0.00	49.02 3.63 0.00	45.72 3.19 0.00	44.39 2.94 0.00
HIGH_RIVER___SOLAR 323847	56.45 2.17 0.00	52.62 1.88 0.00	47.43 1.69 0.00	46.38 1.57 0.00	43.82 1.48 0.00	45.93 1.59 0.00	46.72 1.75 0.00	42.19 1.54 0.00	48.73 1.74 0.00	51.97 1.66 0.00	51.10 1.49 0.00	49.38 1.34 0.00	48.80 1.19 0.00	47.25 1.15 0.00	48.80 1.28 0.00	50.06 1.69 0.00	53.71 2.12 0.00	57.17 2.46 0.00	53.89 2.17 0.00	51.81 1.99 0.00	49.76 1.92 0.00	47.07 1.68 0.00	44.02 1.49 0.00	42.74 1.29 0.00

HILLBURN___GT 23639	56.93 2.66 0.00	53.13 2.39 0.00	47.94 2.20 0.00	46.87 2.06 0.00	44.20 1.86 0.00	46.42 2.08 0.00	47.22 2.25 0.00	42.84 2.19 0.00	49.67 2.68 0.00	53.13 2.82 0.00	52.39 2.78 0.00	50.73 2.69 0.00	50.23 2.62 0.00	48.63 2.53 0.00	50.12 2.61 0.00	51.07 2.71 0.00	54.69 3.10 0.00	58.10 3.39 0.00	54.88 3.16 0.00	52.85 3.04 0.00	50.71 2.87 0.00	48.02 2.63 0.00	44.78 2.25 0.00	43.44 1.99 0.00
HILLSIDE_115KV_TB1 80332	52.26 -2.01 0.00	48.77 -1.98 0.00	43.96 -1.78 0.00	43.02 -1.79 0.00	40.68 -1.65 0.00	42.65 -1.68 0.00	43.13 -1.84 0.00	38.54 -2.11 0.00	44.45 -2.54 0.00	47.44 -2.87 0.00	47.09 -2.53 0.00	45.68 -2.35 0.00	45.32 -2.29 0.00	43.84 -2.26 0.00	45.14 -2.38 0.00	46.29 -2.08 0.00	49.33 -2.27 0.00	52.25 -2.46 0.00	49.44 -2.28 0.00	47.67 -2.14 0.00	45.74 -2.11 0.00	43.53 -1.86 0.00	40.83 -1.70 0.00	40.12 -1.33 0.00
HISHELDN_WT_PWR 323625	49.77 -4.50 0.00	46.53 -4.21 0.00	41.85 -3.89 0.00	40.96 -3.85 0.00	38.74 -3.60 0.00	40.56 -3.77 0.00	40.92 -4.05 0.00	36.14 -4.51 0.00	41.63 -5.36 0.00	44.37 -5.94 0.00	44.11 -5.51 0.00	43.00 -5.04 0.00	42.75 -4.86 0.00	41.35 -4.75 0.00	42.53 -4.99 0.00	43.82 -4.55 0.00	46.33 -5.26 0.00	49.46 -5.25 0.00	46.55 -5.17 0.00	45.23 -4.58 0.00	43.44 -4.40 0.00	41.26 -4.13 0.00	39.42 -3.10 0.00	38.67 -2.78 0.00
HOLTSVILLE_IC_1 23690	58.88 4.61 0.00	54.75 4.01 0.00	49.77 4.03 0.00	48.62 3.81 0.00	45.98 3.64 0.00	48.10 3.77 0.00	48.97 4.00 0.00	44.85 4.19 -0.01	53.32 4.89 -1.44	62.28 4.98 -6.98	55.71 5.01 -1.08	55.73 4.90 -2.78	55.67 4.67 -3.39	54.63 4.52 -4.02	56.81 4.89 -4.40	55.27 5.12 -1.78	57.23 5.62 -0.01	60.73 6.02 0.00	57.36 5.64 0.00	55.71 5.28 -0.62	53.84 4.88 -1.12	50.69 4.63 -0.67	46.52 4.00 0.00	44.97 3.52 0.00
HOLTSVILLE_IC_10 23699	59.21 4.94 0.00	55.06 4.31 0.00	50.04 4.30 0.00	48.89 4.08 0.00	46.19 3.85 0.00	48.32 3.99 0.00	49.25 4.27 0.00	45.05 4.39 -0.01	53.61 5.17 -1.45	62.62 5.28 -7.03	56.07 5.36 -1.09	56.12 5.28 -2.80	56.03 5.00 -3.42	54.98 4.84 -4.05	57.17 5.23 -4.43	55.67 5.51 -1.79	57.59 5.98 -0.01	61.16 6.45 0.00	57.77 6.05 0.00	56.12 5.68 -0.63	54.18 5.22 -1.12	50.96 4.90 -0.68	46.82 4.29 0.00	45.22 3.77 0.00
HOLTSVILLE_IC_2 23691	58.88 4.61 0.00	54.75 4.01 0.00	49.77 4.03 0.00	48.62 3.81 0.00	45.98 3.64 0.00	48.10 3.77 0.00	48.97 4.00 0.00	44.85 4.19 -0.01	53.32 4.89 -1.44	62.28 4.98 -6.98	55.71 5.01 -1.08	55.73 4.90 -2.78	55.67 4.67 -3.39	54.63 4.52 -4.02	56.81 4.89 -4.40	55.27 5.12 -1.78	57.23 5.62 -0.01	60.73 6.02 0.00	57.36 5.64 0.00	55.71 5.28 -0.62	53.84 4.88 -1.12	50.69 4.63 -0.67	46.52 4.00 0.00	44.97 3.52 0.00
HOLTSVILLE_IC_3 23692	58.88 4.61 0.00	54.75 4.01 0.00	49.77 4.03 0.00	48.62 3.81 0.00	45.98 3.64 0.00	48.10 3.77 0.00	48.97 4.00 0.00	44.85 4.19 -0.01	53.32 4.89 -1.44	62.28 4.98 -6.98	55.71 5.01 -1.08	55.73 4.90 -2.78	55.67 4.67 -3.39	54.63 4.52 -4.02	56.81 4.89 -4.40	55.27 5.12 -1.78	57.23 5.62 -0.01	60.73 6.02 0.00	57.36 5.64 0.00	55.71 5.28 -0.62	53.84 4.88 -1.12	50.69 4.63 -0.67	46.52 4.00 0.00	44.97 3.52 0.00
HOLTSVILLE_IC_4 23693	58.88 4.61 0.00	54.75 4.01 0.00	49.77 4.03 0.00	48.62 3.81 0.00	45.98 3.64 0.00	48.10 3.77 0.00	48.97 4.00 0.00	44.85 4.19 -0.01	53.32 4.89 -1.44	62.28 4.98 -6.98	55.71 5.01 -1.08	55.73 4.90 -2.78	55.67 4.67 -3.39	54.63 4.52 -4.02	56.81 4.89 -4.40	55.27 5.12 -1.78	57.23 5.62 -0.01	60.73 6.02 0.00	57.36 5.64 0.00	55.71 5.28 -0.62	53.84 4.88 -1.12	50.69 4.63 -0.67	46.52 4.00 0.00	44.97 3.52 0.00
HOLTSVILLE_IC_5 23694	58.88 4.61 0.00	54.75 4.01 0.00	49.77 4.03 0.00	48.62 3.81 0.00	45.98 3.64 0.00	48.10 3.77 0.00	48.97 4.00 0.00	44.85 4.19 -0.01	53.32 4.89 -1.44	62.28 4.98 -6.98	55.71 5.01 -1.08	55.73 4.90 -2.78	55.67 4.67 -3.39	54.63 4.52 -4.02	56.81 4.89 -4.40	55.27 5.12 -1.78	57.23 5.62 -0.01	60.73 6.02 0.00	57.36 5.64 0.00	55.71 5.28 -0.62	53.84 4.88 -1.12	50.69 4.63 -0.67	46.52 4.00 0.00	44.97 3.52 0.00
HOLTSVILLE_IC_6 23695	59.21 4.94 0.00	55.06 4.31 0.00	50.04 4.30 0.00	48.89 4.08 0.00	46.19 3.85 0.00	48.32 3.99 0.00	49.25 4.27 0.00	45.05 4.39 -0.01	53.61 5.17 -1.45	62.62 5.28 -7.03	56.07 5.36 -1.09	56.12 5.28 -2.80	56.03 5.00 -3.42	54.98 4.84 -4.05	57.17 5.23 -4.43	55.67 5.51 -1.79	57.59 5.98 -0.01	61.16 6.45 0.00	57.77 6.05 0.00	56.12 5.68 -0.63	54.18 5.22 -1.12	50.96 4.90 -0.68	46.82 4.29 0.00	45.22 3.77 0.00
HOLTSVILLE_IC_7 23696	59.21 4.94 0.00	55.06 4.31 0.00	50.04 4.30 0.00	48.89 4.08 0.00	46.19 3.85 0.00	48.32 3.99 0.00	49.25 4.27 0.00	45.05 4.39 -0.01	53.61 5.17 -1.45	62.62 5.28 -7.03	56.07 5.36 -1.09	56.12 5.28 -2.80	56.03 5.00 -3.42	54.98 4.84 -4.05	57.17 5.23 -4.43	55.67 5.51 -1.79	57.59 5.98 -0.01	61.16 6.45 0.00	57.77 6.05 0.00	56.12 5.68 -0.63	54.18 5.22 -1.12	50.96 4.90 -0.68	46.82 4.29 0.00	45.22 3.77 0.00
HOLTSVILLE_IC_8 23697	59.21 4.94 0.00	55.06 4.31 0.00	50.04 4.30 0.00	48.89 4.08 0.00	46.19 3.85 0.00	48.32 3.99 0.00	49.25 4.27 0.00	45.05 4.39 -0.01	53.61 5.17 -1.45	62.62 5.28 -7.03	56.07 5.36 -1.09	56.12 5.28 -2.80	56.03 5.00 -3.42	54.98 4.84 -4.05	57.17 5.23 -4.43	55.67 5.51 -1.79	57.59 5.98 -0.01	61.16 6.45 0.00	57.77 6.05 0.00	56.12 5.68 -0.63	54.18 5.22 -1.12	50.96 4.90 -0.68	46.82 4.29 0.00	45.22 3.77 0.00
HOLTSVILLE_IC_9 23698	59.21 4.94 0.00	55.06 4.31 0.00	50.04 4.30 0.00	48.89 4.08 0.00	46.19 3.85 0.00	48.32 3.99 0.00	49.25 4.27 0.00	45.05 4.39 -0.01	53.61 5.17 -1.45	62.62 5.28 -7.03	56.07 5.36 -1.09	56.12 5.28 -2.80	56.03 5.00 -3.42	54.98 4.84 -4.05	57.17 5.23 -4.43	55.67 5.51 -1.79	57.59 5.98 -0.01	61.16 6.45 0.00	57.77 6.05 0.00	56.12 5.68 -0.63	54.18 5.22 -1.12	50.96 4.90 -0.68	46.82 4.29 0.00	45.22 3.77 0.00
HOMER_HL_115KV_TB2 355744	51.40 -2.88 0.00	47.95 -2.79 0.00	43.13 -2.61 0.00	42.17 -2.64 0.00	39.96 -2.37 0.00	41.81 -2.53 0.00	42.14 -2.83 0.00	37.19 -3.46 0.00	42.90 -4.09 0.00	45.78 -4.53 0.00	45.55 -4.07 0.00	44.34 -3.70 0.00	43.99 -3.62 0.00	42.50 -3.60 0.00	43.71 -3.80 0.00	45.03 -3.34 0.00	48.04 -3.56 0.00	50.77 -3.94 0.00	48.10 -3.62 0.00	46.37 -3.44 0.00	44.49 -3.35 0.00	42.39 -3.00 0.00	40.06 -2.47 0.00	39.71 -1.74 0.00
HOWARD_WT_PWR 323690	51.78 -2.50 0.00	48.31 -2.43 0.00	43.55 -2.19 0.00	42.53 -2.28 0.00	40.18 -2.16 0.00	42.07 -2.26 0.00	42.54 -2.43 0.00	37.80 -2.85 0.00	43.37 -3.62 0.00	46.03 -4.28 0.00	45.95 -3.67 0.00	44.96 -3.08 0.00	44.80 -2.81 0.00	43.37 -2.72 0.00	44.71 -2.80 0.00	46.04 -2.32 0.00	48.81 -2.79 0.00	52.19 -2.52 0.00	49.14 -2.58 0.00	47.57 -2.24 0.00	45.69 -2.15 0.00	43.44 -1.95 0.00	41.04 -1.49 0.00	40.16 -1.29 0.00

HQ_GEN_CEDARS 23644	55.03 0.76 0.00	51.61 0.86 0.00	46.52 0.78 0.00	45.62 0.81 0.00	43.01 0.68 0.00	44.95 0.62 0.00	45.24 0.27 0.00	41.18 0.53 0.00	47.22 0.23 0.00	50.66 0.35 0.00	50.06 0.45 0.00	48.52 0.48 0.00	48.09 0.48 0.00	46.65 0.55 0.00	47.99 0.48 0.00	48.70 0.34 0.00	51.85 0.26 0.00	54.82 0.11 0.00	51.82 0.10 0.00	49.86 0.05 0.00	47.99 0.14 0.00	45.57 0.18 0.00	43.21 0.68 0.00	42.32 0.87 0.00
HQ_GEN_CEDARS_PROXY 323590	55.03 0.76 0.00	51.61 0.86 0.00	46.47 0.73 0.00	45.62 0.81 0.00	43.14 0.80 0.00	44.95 0.62 0.00	45.24 0.27 0.00	41.18 0.53 0.00	47.23 0.24 0.00	50.67 0.35 0.00	50.06 0.45 0.00	48.52 0.48 0.00	48.09 0.48 0.00	46.65 0.56 0.00	47.99 0.48 0.00	48.71 0.34 0.00	51.91 0.31 0.00	54.65 -0.05 0.00	51.82 0.10 0.00	49.86 0.05 0.00	47.99 0.14 0.00	45.57 0.18 0.00	42.78 0.26 0.00	42.32 0.87 0.00
HQ_GEN_IMPORT 323601	54.60 0.33 0.00	51.20 0.46 0.00	46.10 0.36 0.00	45.21 0.40 0.00	42.72 0.38 0.00	44.65 0.31 0.00	45.15 0.18 0.00	40.85 0.20 0.00	47.18 0.19 0.00	50.51 0.20 0.00	49.87 0.25 0.00	48.33 0.29 0.00	47.90 0.29 0.00	46.42 0.32 0.00	47.75 0.24 0.00	48.56 0.19 0.00	51.75 0.16 0.00	54.60 -0.11 0.00	51.82 0.10 0.00	49.91 0.10 0.00	47.94 0.10 0.00	45.48 0.09 0.00	42.66 0.13 0.00	41.78 0.33 0.00
HQ_GEN_WHEEL 23651	54.60 0.33 0.00	51.20 0.46 0.00	46.10 0.36 0.00	45.21 0.40 0.00	42.72 0.38 0.00	44.65 0.31 0.00	45.15 0.18 0.00	40.85 0.20 0.00	47.18 0.19 0.00	50.51 0.20 0.00	49.87 0.25 0.00	48.33 0.29 0.00	47.90 0.29 0.00	46.42 0.32 0.00	47.75 0.24 0.00	48.56 0.19 0.00	51.75 0.16 0.00	54.60 -0.11 0.00	51.82 0.10 0.00	49.91 0.10 0.00	47.94 0.10 0.00	45.48 0.09 0.00	42.66 0.13 0.00	41.78 0.33 0.00
HUDSON_AVE_GT_3 23810	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.41 2.07 0.00	46.64 2.31 0.00	47.53 2.56 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.58 3.27 0.00	52.84 3.23 0.00	51.16 3.12 0.00	50.66 3.05 0.00	49.04 2.95 0.00	50.60 3.09 0.00	51.51 3.14 0.00	55.00 3.41 0.00	58.32 3.61 0.00	55.19 3.47 0.00	53.30 3.49 0.00	51.14 3.30 0.00	48.34 2.95 0.00	45.12 2.59 0.00	43.77 2.32 0.00
HUDSON_AVE_GT_4 23540	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.41 2.07 0.00	46.64 2.31 0.00	47.53 2.56 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.58 3.27 0.00	52.84 3.23 0.00	51.16 3.12 0.00	50.66 3.05 0.00	49.04 2.95 0.00	50.60 3.09 0.00	51.51 3.14 0.00	55.00 3.41 0.00	58.32 3.61 0.00	55.19 3.47 0.00	53.30 3.49 0.00	51.14 3.30 0.00	48.34 2.95 0.00	45.12 2.59 0.00	43.77 2.32 0.00
HUDSON_AVE_GT_5 23657	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.41 2.07 0.00	46.64 2.31 0.00	47.53 2.56 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.58 3.27 0.00	52.84 3.23 0.00	51.16 3.12 0.00	50.66 3.05 0.00	49.04 2.95 0.00	50.60 3.09 0.00	51.51 3.14 0.00	55.00 3.41 0.00	58.32 3.61 0.00	55.19 3.47 0.00	53.30 3.49 0.00	51.14 3.30 0.00	48.34 2.95 0.00	45.12 2.59 0.00	43.77 2.32 0.00
HUDSON_AVE_10 24168	56.99 2.71 0.00	53.18 2.44 0.00	47.89 2.15 0.00	46.96 2.15 0.00	44.24 1.91 0.00	46.46 2.13 0.00	47.40 2.43 0.00	43.05 2.40 0.00	49.95 2.96 0.00	53.38 3.07 0.00	52.69 3.08 0.00	51.02 2.98 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	54.85 3.25 0.00	58.16 3.45 0.00	55.03 3.31 0.00	53.15 3.34 0.00	51.00 3.16 0.00	48.25 2.86 0.00	44.99 2.47 0.00	43.65 2.20 0.00
HUDSON___115KV_TB 4 355613	57.20 2.93 0.00	53.28 2.54 0.00	48.07 2.33 0.00	47.05 2.24 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.40 2.43 0.00	42.76 2.11 0.00	49.48 2.49 0.00	52.98 2.67 0.00	52.05 2.43 0.00	50.34 2.31 0.00	49.85 2.24 0.00	48.17 2.07 0.00	49.70 2.19 0.00	50.44 2.08 0.00	53.92 2.32 0.00	57.39 2.68 0.00	54.10 2.38 0.00	52.15 2.34 0.00	50.14 2.30 0.00	47.47 2.09 0.00	44.40 1.87 0.00	43.27 1.82 0.00
HUNTER MOUNT___DRP 323613	57.69 3.42 0.00	53.74 2.99 0.00	48.44 2.70 0.00	47.41 2.60 0.00	44.75 2.41 0.00	46.95 2.62 0.00	47.76 2.79 0.00	43.05 2.40 0.00	49.81 2.82 0.00	53.33 3.02 0.00	52.44 2.83 0.00	50.73 2.69 0.00	50.13 2.52 0.00	48.49 2.40 0.00	49.98 2.47 0.00	50.83 2.47 0.00	54.38 2.79 0.00	57.88 3.17 0.00	54.51 2.79 0.00	52.55 2.74 0.00	50.52 2.68 0.00	47.84 2.45 0.00	44.70 2.17 0.00	43.60 2.16 0.00
HUNTINGTON_RES_REC 323705	58.40 4.12 0.00	54.35 3.60 0.00	49.35 3.61 0.00	48.21 3.40 0.00	45.55 3.22 0.00	47.66 3.33 0.00	48.57 3.60 0.00	44.44 3.78 -0.01	52.91 4.47 -1.46	61.94 4.58 -7.05	55.23 4.51 -1.09	55.27 4.42 -2.81	55.28 4.24 -3.43	54.31 4.15 -4.06	56.33 4.37 -4.45	54.86 4.69 -1.80	56.66 5.06 -0.01	60.01 5.31 0.00	56.79 5.07 0.00	55.33 4.88 -0.63	53.52 4.55 -1.13	50.33 4.27 -0.68	46.23 3.70 0.00	44.64 3.19 0.00
HUNTLEY___63 23557	49.28 -4.99 0.00	46.03 -4.72 0.00	41.40 -4.35 0.00	40.42 -4.39 0.00	38.40 -3.94 0.00	40.21 -4.12 0.00	40.29 -4.68 0.00	35.69 -4.96 0.00	41.21 -5.78 0.00	43.92 -6.39 0.00	43.81 -5.81 0.00	42.61 -5.43 0.00	42.23 -5.38 0.00	40.84 -5.25 0.00	41.91 -5.61 0.00	43.19 -5.18 0.00	46.23 -5.37 0.00	48.69 -6.02 0.00	46.29 -5.43 0.00	44.48 -5.33 0.00	42.77 -5.07 0.00	40.94 -4.45 0.00	38.78 -3.74 0.00	38.30 -3.15 0.00
HUNTLEY___64 23558	49.28 -4.99 0.00	46.03 -4.72 0.00	41.40 -4.35 0.00	40.42 -4.39 0.00	38.40 -3.94 0.00	40.21 -4.12 0.00	40.29 -4.68 0.00	35.69 -4.96 0.00	41.21 -5.78 0.00	43.92 -6.39 0.00	43.81 -5.81 0.00	42.61 -5.43 0.00	42.23 -5.38 0.00	40.84 -5.25 0.00	41.91 -5.61 0.00	43.19 -5.18 0.00	46.23 -5.37 0.00	48.69 -6.02 0.00	46.29 -5.43 0.00	44.48 -5.33 0.00	42.77 -5.07 0.00	40.94 -4.45 0.00	38.78 -3.74 0.00	38.30 -3.15 0.00
HUNTLEY___65 23559	49.28 -4.99 0.00	46.03 -4.72 0.00	41.40 -4.35 0.00	40.42 -4.39 0.00	38.40 -3.94 0.00	40.21 -4.12 0.00	40.29 -4.68 0.00	35.69 -4.96 0.00	41.21 -5.78 0.00	43.92 -6.39 0.00	43.81 -5.81 0.00	42.61 -5.43 0.00	42.23 -5.38 0.00	40.84 -5.25 0.00	41.91 -5.61 0.00	43.19 -5.18 0.00	46.23 -5.37 0.00	48.69 -6.02 0.00	46.29 -5.43 0.00	44.48 -5.33 0.00	42.77 -5.07 0.00	40.94 -4.45 0.00	38.78 -3.74 0.00	38.30 -3.15 0.00
HUNTLEY___66 23560	49.28 -4.99 0.00	46.03 -4.72 0.00	41.40 -4.35 0.00	40.42 -4.39 0.00	38.40 -3.94 0.00	40.21 -4.12 0.00	40.29 -4.68 0.00	35.69 -4.96 0.00	41.21 -5.78 0.00	43.92 -6.39 0.00	43.81 -5.81 0.00	42.61 -5.43 0.00	42.23 -5.38 0.00	40.84 -5.25 0.00	41.91 -5.61 0.00	43.19 -5.18 0.00	46.23 -5.37 0.00	48.69 -6.02 0.00	46.29 -5.43 0.00	44.48 -5.33 0.00	42.77 -5.07 0.00	40.94 -4.45 0.00	38.78 -3.74 0.00	38.30 -3.15 0.00



HUNTLEY___67 23561	49.17 -5.10 0.00	45.92 -4.82 0.00	41.30 -4.44 0.00	40.33 -4.48 0.00	38.31 -4.02 0.00	40.12 -4.21 0.00	40.25 -4.72 0.00	35.65 -5.00 0.00	41.12 -5.87 0.00	43.82 -6.49 0.00	43.71 -5.90 0.00	42.47 -5.57 0.00	42.13 -5.48 0.00	40.75 -5.35 0.00	41.81 -5.70 0.00	43.09 -5.27 0.00	46.13 -5.47 0.00	48.53 -6.18 0.00	46.19 -5.53 0.00	44.38 -5.43 0.00	42.68 -5.17 0.00	40.80 -4.58 0.00	38.66 -3.87 0.00	38.17 -3.27 0.00
HUNTLEY___68 23562	49.17 -5.10 0.00	45.92 -4.82 0.00	41.30 -4.44 0.00	40.33 -4.48 0.00	38.31 -4.02 0.00	40.12 -4.21 0.00	40.25 -4.72 0.00	35.65 -5.00 0.00	41.12 -5.87 0.00	43.82 -6.49 0.00	43.71 -5.90 0.00	42.47 -5.57 0.00	42.13 -5.48 0.00	40.75 -5.35 0.00	41.81 -5.70 0.00	43.09 -5.27 0.00	46.13 -5.47 0.00	48.53 -6.18 0.00	46.19 -5.53 0.00	44.38 -5.43 0.00	42.68 -5.17 0.00	40.80 -4.58 0.00	38.66 -3.87 0.00	38.17 -3.27 0.00
HYLAND___LFG 323620	53.40 -0.87 0.00	49.88 -0.86 0.00	44.83 -0.91 0.00	43.87 -0.94 0.00	41.44 -0.89 0.00	43.62 -0.71 0.00	44.12 -0.86 0.00	39.31 -1.34 0.00	45.34 -1.65 0.00	48.05 -2.26 0.00	47.73 -1.89 0.00	46.21 -1.83 0.00	45.61 -2.00 0.00	44.07 -2.03 0.00	45.56 -1.95 0.00	47.06 -1.30 0.00	50.36 -1.24 0.00	54.27 -0.44 0.00	51.00 -0.72 0.00	49.22 -0.60 0.00	47.27 -0.57 0.00	44.93 -0.45 0.00	42.36 -0.17 0.00	41.24 -0.21 0.00
INDECK___CORINTH 23802	56.12 1.85 0.00	52.11 1.37 0.00	46.98 1.24 0.00	45.97 1.16 0.00	43.48 1.14 0.00	45.39 1.06 0.00	46.23 1.26 0.00	41.75 1.10 0.00	48.30 1.31 0.00	51.87 1.56 0.00	51.10 1.49 0.00	49.43 1.39 0.00	48.94 1.33 0.00	47.29 1.20 0.00	48.75 1.23 0.00	49.57 1.21 0.00	53.04 1.44 0.00	56.57 1.86 0.00	53.33 1.61 0.00	51.16 1.35 0.00	49.09 1.24 0.00	46.38 1.00 0.00	43.29 0.77 0.00	42.03 0.58 0.00
INDECK___ILION 23567	55.25 0.98 0.00	51.61 0.86 0.00	46.47 0.73 0.00	45.53 0.72 0.00	43.01 0.68 0.00	45.04 0.71 0.00	45.74 0.76 0.00	41.30 0.65 0.00	47.79 0.80 0.00	51.17 0.86 0.00	50.46 0.84 0.00	48.95 0.91 0.00	48.51 0.90 0.00	46.97 0.88 0.00	48.46 0.95 0.00	49.33 0.97 0.00	52.63 1.03 0.00	55.80 1.09 0.00	52.70 0.98 0.00	50.71 0.90 0.00	48.70 0.86 0.00	46.25 0.86 0.00	43.29 0.77 0.00	42.15 0.70 0.00
INDECK___OLEAN 23982	51.39 -2.88 0.00	47.95 -2.79 0.00	43.18 -2.56 0.00	42.21 -2.60 0.00	39.97 -2.37 0.00	41.81 -2.53 0.00	42.23 -2.74 0.00	37.19 -3.46 0.00	42.90 -4.09 0.00	45.83 -4.48 0.00	45.55 -4.07 0.00	44.34 -3.70 0.00	43.99 -3.62 0.00	42.50 -3.60 0.00	43.76 -3.75 0.00	44.98 -3.39 0.00	47.73 -3.87 0.00	50.83 -3.88 0.00	47.79 -3.93 0.00	46.38 -3.44 0.00	44.49 -3.35 0.00	42.26 -3.13 0.00	40.23 -2.30 0.00	39.71 -1.74 0.00
INDECK___OSWEGO 23783	52.21 -2.06 0.00	48.71 -2.03 0.00	43.96 -1.78 0.00	43.02 -1.79 0.00	40.64 -1.69 0.00	42.60 -1.73 0.00	43.26 -1.71 0.00	39.06 -1.59 0.00	45.16 -1.83 0.00	48.35 -1.96 0.00	47.73 -1.89 0.00	46.21 -1.83 0.00	45.80 -1.81 0.00	44.30 -1.80 0.00	45.71 -1.81 0.00	46.63 -1.74 0.00	49.69 -1.91 0.00	52.79 -1.92 0.00	49.81 -1.91 0.00	47.97 -1.84 0.00	46.07 -1.77 0.00	43.75 -1.63 0.00	41.04 -1.49 0.00	39.92 -1.53 0.00
INDECK___YERKES 23781	49.33 -4.94 0.00	46.08 -4.67 0.00	41.44 -4.30 0.00	40.55 -4.26 0.00	38.44 -3.89 0.00	40.25 -4.08 0.00	40.57 -4.41 0.00	35.73 -4.92 0.00	41.21 -5.78 0.00	44.02 -6.29 0.00	43.86 -5.75 0.00	42.61 -5.43 0.00	42.28 -5.33 0.00	40.89 -5.21 0.00	41.91 -5.61 0.00	43.14 -5.22 0.00	45.56 -6.04 0.00	48.63 -6.07 0.00	45.72 -6.00 0.00	44.53 -5.28 0.00	42.82 -5.02 0.00	40.67 -4.72 0.00	39.08 -3.44 0.00	38.34 -3.11 0.00
INDIAN POINT_GT_1 24139	56.99 2.71 0.00	53.18 2.44 0.00	47.94 2.20 0.00	46.96 2.15 0.00	44.28 1.95 0.00	46.46 2.13 0.00	47.31 2.34 0.00	42.93 2.28 0.00	49.72 2.73 0.00	53.18 2.87 0.00	52.44 2.83 0.00	50.78 2.74 0.00	50.28 2.67 0.00	48.68 2.58 0.00	50.22 2.71 0.00	51.12 2.76 0.00	54.59 2.99 0.00	57.94 3.23 0.00	54.82 3.10 0.00	52.90 3.09 0.00	50.76 2.92 0.00	48.02 2.63 0.00	44.82 2.30 0.00	43.48 2.03 0.00
INDIAN POINT_GT_2 23659	56.99 2.71 0.00	53.18 2.44 0.00	47.94 2.20 0.00	46.96 2.15 0.00	44.28 1.95 0.00	46.46 2.13 0.00	47.31 2.34 0.00	42.93 2.28 0.00	49.72 2.73 0.00	53.18 2.87 0.00	52.44 2.83 0.00	50.78 2.74 0.00	50.28 2.67 0.00	48.68 2.58 0.00	50.22 2.71 0.00	51.12 2.76 0.00	54.59 2.99 0.00	57.94 3.23 0.00	54.82 3.10 0.00	52.90 3.09 0.00	50.76 2.92 0.00	48.02 2.63 0.00	44.82 2.30 0.00	43.48 2.03 0.00
INDIAN POINT_GT_3 24019	56.99 2.71 0.00	53.18 2.44 0.00	47.94 2.20 0.00	46.96 2.15 0.00	44.28 1.95 0.00	46.46 2.13 0.00	47.31 2.34 0.00	42.93 2.28 0.00	49.72 2.73 0.00	53.18 2.87 0.00	52.44 2.83 0.00	50.78 2.74 0.00	50.28 2.67 0.00	48.68 2.58 0.00	50.22 2.71 0.00	51.12 2.76 0.00	54.59 2.99 0.00	57.94 3.23 0.00	54.82 3.10 0.00	52.90 3.09 0.00	50.76 2.92 0.00	48.02 2.63 0.00	44.82 2.30 0.00	43.48 2.03 0.00
INDIAN POINT___2 23530	56.93 2.66 0.00	53.08 2.34 0.00	47.89 2.15 0.00	46.87 2.06 0.00	44.20 1.86 0.00	46.37 2.04 0.00	47.17 2.20 0.00	42.84 2.19 0.00	49.67 2.68 0.00	53.13 2.82 0.00	52.39 2.78 0.00	50.68 2.64 0.00	50.18 2.57 0.00	48.63 2.53 0.00	50.12 2.61 0.00	51.07 2.71 0.00	54.64 3.04 0.00	58.10 3.39 0.00	54.82 3.10 0.00	52.80 2.99 0.00	50.67 2.82 0.00	47.97 2.59 0.00	44.78 2.25 0.00	43.44 1.99 0.00
INDIAN POINT___3 23531	56.93 2.66 0.00	53.13 2.38 0.00	47.89 2.15 0.00	46.96 2.15 0.00	44.28 1.95 0.00	46.42 2.08 0.00	47.26 2.29 0.00	42.89 2.24 0.00	49.67 2.68 0.00	53.18 2.87 0.00	52.39 2.78 0.00	50.73 2.69 0.00	50.23 2.62 0.00	48.63 2.54 0.00	50.17 2.66 0.00	51.07 2.71 0.00	54.54 2.94 0.00	57.88 3.17 0.00	54.72 3.00 0.00	52.85 3.04 0.00	50.71 2.87 0.00	47.97 2.59 0.00	44.78 2.25 0.00	43.48 2.03 0.00
INGHAM_C_115KV_TB7 356103	56.23 1.95 0.00	52.52 1.78 0.00	47.25 1.51 0.00	46.29 1.48 0.00	43.69 1.35 0.00	45.75 1.42 0.00	46.41 1.44 0.00	41.91 1.26 0.00	48.49 1.50 0.00	51.97 1.66 0.00	51.25 1.64 0.00	49.77 1.73 0.00	49.42 1.81 0.00	47.80 1.71 0.00	49.37 1.85 0.00	50.25 1.89 0.00	53.56 1.96 0.00	56.73 2.02 0.00	53.58 1.86 0.00	51.60 1.79 0.00	49.57 1.72 0.00	47.07 1.68 0.00	44.10 1.57 0.00	42.94 1.49 0.00
IP CORINTH___1 23988	56.39 2.12 0.00	52.42 1.67 0.00	47.20 1.46 0.00	46.24 1.43 0.00	43.73 1.40 0.00	45.66 1.33 0.00	46.50 1.53 0.00	41.95 1.30 0.00	48.54 1.55 0.00	52.12 1.81 0.00	51.40 1.79 0.00	49.72 1.68 0.00	49.18 1.57 0.00	47.52 1.43 0.00	49.03 1.52 0.00	49.86 1.50 0.00	53.30 1.70 0.00	56.79 2.08 0.00	53.58 1.86 0.00	51.41 1.59 0.00	49.37 1.53 0.00	46.57 1.18 0.00	43.51 0.98 0.00	42.24 0.79 0.00

IP___TICONDEROGA 23804	58.07 3.80 0.00	53.79 3.04 0.00	48.39 2.65 0.00	47.23 2.42 0.00	44.75 2.41 0.00	46.82 2.48 0.00	47.76 2.79 0.00	43.01 2.36 0.00	49.81 2.82 0.00	53.63 3.32 0.00	53.04 3.42 0.00	51.31 3.27 0.00	50.70 3.09 0.00	48.86 2.77 0.00	50.46 2.95 0.00	51.27 2.90 0.00	54.90 3.30 0.00	58.54 3.83 0.00	55.19 3.47 0.00	52.80 2.99 0.00	50.67 2.82 0.00	47.70 2.31 0.00	44.53 2.00 0.00	43.15 1.70 0.00
ISLIP_RES_REC 323679	59.43 5.16 0.00	55.26 4.51 0.00	50.23 4.49 0.00	49.07 4.26 0.00	46.40 4.06 0.00	48.50 4.17 0.00	49.42 4.45 0.00	45.21 4.55 -0.01	53.85 5.40 -1.46	62.90 5.53 -7.06	56.32 5.60 -1.09	56.37 5.52 -2.81	56.28 5.24 -3.43	55.23 5.07 -4.06	57.47 5.51 -4.45	55.92 5.75 -1.80	57.90 6.29 -0.01	61.44 6.73 0.00	58.03 6.31 0.00	56.37 5.92 -0.63	54.42 5.45 -1.13	51.19 5.13 -0.68	46.99 4.46 0.00	45.39 3.94 0.00
JAMAICA__27_KV_LOAD 355505	56.88 2.61 0.00	53.08 2.33 0.00	47.89 2.15 0.00	46.96 2.15 0.00	44.24 1.91 0.00	46.51 2.17 0.00	47.49 2.52 0.00	43.17 2.52 0.00	50.09 3.10 0.00	53.43 3.12 0.00	52.89 3.27 0.00	51.21 3.17 0.00	50.75 3.14 0.00	49.09 3.00 0.00	50.65 3.14 0.00	51.61 3.24 0.00	54.95 3.35 0.00	58.32 3.61 0.00	55.19 3.47 0.00	53.40 3.59 0.00	51.24 3.40 0.00	48.43 3.04 0.00	45.16 2.64 0.00	43.73 2.28 0.00
JANIS___SOLAR 323808	55.79 1.52 0.00	52.01 1.27 0.00	46.84 1.10 0.00	45.75 0.94 0.00	43.18 0.85 0.00	45.31 0.97 0.00	46.23 1.26 0.00	41.62 0.97 0.00	48.17 1.18 0.00	51.47 1.16 0.00	50.90 1.29 0.00	49.24 1.20 0.00	48.80 1.19 0.00	47.06 0.97 0.00	48.80 1.28 0.00	49.96 1.59 0.00	53.51 1.91 0.00	56.79 2.08 0.00	53.48 1.76 0.00	51.45 1.64 0.00	49.37 1.53 0.00	46.84 1.45 0.00	43.89 1.36 0.00	42.61 1.16 0.00
JARVIS____ 23743	54.44 0.16 0.00	50.85 0.10 0.00	45.83 0.09 0.00	44.90 0.09 0.00	42.42 0.08 0.00	44.38 0.04 0.00	45.11 0.14 0.00	40.77 0.12 0.00	47.13 0.14 0.00	50.46 0.15 0.00	49.77 0.15 0.00	48.18 0.14 0.00	47.75 0.14 0.00	46.23 0.14 0.00	47.70 0.19 0.00	48.51 0.15 0.00	51.75 0.16 0.00	54.98 0.27 0.00	51.88 0.16 0.00	49.96 0.15 0.00	47.99 0.14 0.00	45.52 0.14 0.00	42.66 0.13 0.00	41.53 0.08 0.00
JENNISON___1 23625	56.17 1.90 0.00	52.32 1.57 0.00	47.11 1.37 0.00	46.07 1.25 0.00	43.48 1.14 0.00	45.57 1.24 0.00	46.50 1.53 0.00	41.83 1.18 0.00	48.49 1.50 0.00	51.97 1.66 0.00	51.45 1.84 0.00	49.82 1.78 0.00	49.42 1.81 0.00	47.66 1.57 0.00	49.41 1.90 0.00	50.44 2.08 0.00	54.07 2.48 0.00	57.12 2.41 0.00	53.84 2.12 0.00	51.80 1.99 0.00	49.71 1.87 0.00	47.16 1.77 0.00	44.14 1.62 0.00	42.90 1.45 0.00
JENNISON___2 23626	56.17 1.90 0.00	52.32 1.57 0.00	47.11 1.37 0.00	46.07 1.25 0.00	43.48 1.14 0.00	45.57 1.24 0.00	46.50 1.53 0.00	41.83 1.18 0.00	48.49 1.50 0.00	51.97 1.66 0.00	51.45 1.84 0.00	49.82 1.78 0.00	49.42 1.81 0.00	47.66 1.57 0.00	49.41 1.90 0.00	50.44 2.08 0.00	54.07 2.48 0.00	57.12 2.41 0.00	53.84 2.12 0.00	51.80 1.99 0.00	49.71 1.87 0.00	47.16 1.77 0.00	44.14 1.62 0.00	42.90 1.45 0.00
JERICHO_RISE_WT_PWR 323719	55.46 1.19 0.00	52.01 1.27 0.00	46.79 1.05 0.00	45.93 1.12 0.00	43.39 1.06 0.00	45.31 0.97 0.00	45.51 0.54 0.00	41.14 0.49 0.00	47.46 0.47 0.00	50.92 0.61 0.00	50.36 0.75 0.00	48.76 0.72 0.00	48.32 0.72 0.00	46.92 0.83 0.00	48.18 0.66 0.00	48.95 0.58 0.00	52.06 0.46 0.00	54.82 0.11 0.00	51.93 0.21 0.00	49.96 0.15 0.00	48.04 0.19 0.00	45.61 0.23 0.00	42.78 0.26 0.00	42.11 0.66 0.00
KATONAH___115KV_46KV_TB4 355592	57.58 3.31 0.00	53.69 2.94 0.00	48.39 2.65 0.00	47.41 2.60 0.00	44.66 2.33 0.00	46.86 2.53 0.00	47.67 2.70 0.00	43.25 2.60 0.00	50.09 3.10 0.00	53.63 3.32 0.00	52.99 3.37 0.00	51.31 3.27 0.00	50.66 3.05 0.00	49.09 3.00 0.00	50.65 3.14 0.00	51.56 3.19 0.00	55.10 3.51 0.00	58.48 3.77 0.00	55.34 3.62 0.00	53.40 3.59 0.00	51.19 3.35 0.00	48.38 3.00 0.00	45.21 2.68 0.00	43.85 2.40 0.00
KCE_NY_1 323755	57.04 2.77 0.00	53.08 2.34 0.00	47.89 2.15 0.00	46.83 2.02 0.00	44.28 1.95 0.00	46.37 2.04 0.00	47.17 2.20 0.00	42.56 1.91 0.00	49.29 2.30 0.00	52.83 2.51 0.00	52.00 2.38 0.00	50.30 2.26 0.00	49.80 2.19 0.00	48.17 2.08 0.00	49.70 2.19 0.00	50.54 2.18 0.00	54.07 2.48 0.00	57.61 2.90 0.00	54.31 2.58 0.00	52.20 2.39 0.00	50.09 2.25 0.00	47.43 2.04 0.00	44.31 1.79 0.00	43.02 1.57 0.00
KCE_NY_6_ESR 323823	49.93 -4.34 0.00	46.64 -4.11 0.00	41.90 -3.84 0.00	41.05 -3.76 0.00	38.86 -3.47 0.00	40.70 -3.63 0.00	41.01 -3.96 0.00	36.14 -4.51 0.00	41.68 -5.31 0.00	44.53 -5.78 0.00	44.31 -5.31 0.00	43.14 -4.90 0.00	42.75 -4.86 0.00	41.39 -4.70 0.00	42.43 -5.08 0.00	43.72 -4.64 0.00	46.18 -5.42 0.00	49.29 -5.42 0.00	46.34 -5.38 0.00	45.13 -4.68 0.00	43.40 -4.45 0.00	41.17 -4.22 0.00	39.51 -3.02 0.00	38.76 -2.69 0.00
KEDC_PORT_JEFF_GT2 24210	59.16 4.89 0.00	55.01 4.26 0.00	50.00 4.25 0.00	48.80 3.99 0.00	46.15 3.81 0.00	48.28 3.94 0.00	49.15 4.18 0.00	45.01 4.35 -0.01	53.56 5.12 -1.45	62.56 5.23 -7.02	55.96 5.26 -1.09	56.03 5.19 -2.80	55.97 4.95 -3.41	54.93 4.79 -4.04	57.11 5.18 -4.42	55.62 5.46 -1.79	57.54 5.93 -0.01	61.05 6.34 0.00	57.67 5.95 0.00	56.02 5.58 -0.63	54.13 5.17 -1.12	50.92 4.86 -0.67	46.78 4.25 0.00	45.14 3.69 0.00
KEDC_PORT_JEFF_GT3 24211	59.16 4.89 0.00	55.01 4.26 0.00	50.00 4.25 0.00	48.80 3.99 0.00	46.15 3.81 0.00	48.28 3.94 0.00	49.15 4.18 0.00	45.01 4.35 -0.01	53.56 5.12 -1.45	62.56 5.23 -7.02	55.96 5.26 -1.09	56.03 5.19 -2.80	55.97 4.95 -3.41	54.93 4.79 -4.04	57.11 5.18 -4.42	55.62 5.46 -1.79	57.54 5.93 -0.01	61.05 6.34 0.00	57.67 5.95 0.00	56.02 5.58 -0.63	54.13 5.17 -1.12	50.92 4.86 -0.67	46.78 4.25 0.00	45.14 3.69 0.00
KEDC_GLWD_GT4 24219	57.80 3.53 0.00	53.84 3.10 0.00	48.76 3.02 0.00	47.64 2.82 0.00	44.96 2.63 0.00	47.13 2.79 0.00	47.98 3.01 0.00	43.71 3.05 -0.02	52.97 3.62 -2.36	65.54 3.82 -11.41	54.97 3.57 -1.78	55.95 3.36 -4.55	56.73 3.24 -5.88	56.01 3.18 -6.74	57.98 3.28 -7.19	54.72 3.43 -2.92	55.38 3.76 -0.02	58.81 4.11 0.00	55.55 3.83 0.00	54.67 3.84 -1.03	53.45 3.78 -1.83	49.99 3.50 -1.10	45.63 3.10 0.00	44.14 2.69 0.00
KEDC_GLWD_GT5 24220	57.80 3.53 0.00	53.84 3.10 0.00	48.76 3.02 0.00	47.64 2.82 0.00	44.96 2.63 0.00	47.13 2.79 0.00	47.98 3.01 0.00	43.71 3.05 -0.02	52.97 3.62 -2.36	65.54 3.82 -11.41	54.97 3.57 -1.78	55.95 3.36 -4.55	56.73 3.24 -5.88	56.01 3.18 -6.74	57.98 3.28 -7.19	54.72 3.43 -2.92	55.38 3.76 -0.02	58.81 4.11 0.00	55.55 3.83 -1.03	54.67 3.84 -1.03	53.45 3.78 -1.83	49.99 3.50 -1.10	45.63 3.10 0.00	44.14 2.69 0.00

KENSICO____ 23655	57.15 2.88 0.00	53.33 2.59 0.00	48.03 2.29 0.00	47.10 2.29 0.00	44.41 2.07 0.00	46.59 2.26 0.00	47.44 2.47 0.00	43.05 2.40 0.00	49.90 2.91 0.00	53.38 3.07 0.00	52.64 3.03 0.00	50.92 2.88 0.00	50.42 2.81 0.00	48.86 2.77 0.00	50.36 2.85 0.00	51.32 2.95 0.00	54.74 3.15 0.00	58.16 3.45 0.00	54.98 3.26 0.00	53.05 3.24 0.00	50.91 3.06 0.00	48.16 2.77 0.00	44.95 2.42 0.00	43.65 2.20 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	58.02 3.74 0.00	54.19 3.45 0.00	48.76 3.02 0.00	47.72 2.91 0.00	44.96 2.62 0.00	47.26 2.93 0.00	48.12 3.15 0.00	43.58 2.93 0.00	50.42 3.43 0.00	53.93 3.62 0.00	53.24 3.62 0.00	51.55 3.51 0.00	50.89 3.29 0.00	49.23 3.13 0.00	50.79 3.28 0.00	51.90 3.53 0.00	55.72 4.13 0.00	59.09 4.38 0.00	55.75 4.03 0.00	53.90 4.08 0.00	51.72 3.88 0.00	48.84 3.45 0.00	45.55 3.02 0.00	44.27 2.82 0.00
KIAC_JFK_GT1 23816	56.33 2.06 0.00	52.57 1.83 0.00	47.66 1.92 0.00	46.69 1.88 0.00	43.99 1.65 0.00	46.24 1.91 0.00	47.22 2.25 0.00	42.93 2.28 0.00	49.81 2.82 0.00	52.93 2.62 0.00	52.59 2.98 0.00	50.92 2.88 0.00	50.47 2.86 0.00	48.86 2.77 0.00	50.36 2.85 0.00	51.32 2.95 0.00	54.43 2.84 0.00	57.77 3.06 0.00	54.62 2.90 0.00	53.10 3.29 0.00	50.95 3.11 0.00	48.16 2.77 0.00	44.87 2.34 0.00	43.48 2.03 0.00
KIAC_JFK_GT2 23817	56.33 2.06 0.00	52.57 1.83 0.00	47.66 1.92 0.00	46.69 1.88 0.00	43.99 1.65 0.00	46.24 1.91 0.00	47.22 2.25 0.00	42.93 2.28 0.00	49.81 2.82 0.00	52.93 2.62 0.00	52.59 2.98 0.00	50.92 2.88 0.00	50.47 2.86 0.00	48.86 2.77 0.00	50.36 2.85 0.00	51.32 2.95 0.00	54.43 2.84 0.00	57.77 3.06 0.00	54.62 2.90 0.00	53.10 3.29 0.00	50.95 3.11 0.00	48.16 2.77 0.00	44.87 2.34 0.00	43.48 2.03 0.00
KIAC_JFK____ 323774	56.33 2.06 0.00	52.57 1.82 0.00	47.71 1.97 0.00	46.65 1.84 0.00	43.94 1.61 0.00	46.24 1.90 0.00	47.17 2.20 0.00	42.92 2.27 0.00	49.81 2.82 0.00	52.93 2.61 0.00	52.59 2.98 0.00	50.92 2.88 0.00	50.47 2.86 0.00	48.86 2.77 0.00	50.36 2.85 0.00	51.32 2.95 0.00	54.59 2.99 0.00	58.05 3.34 0.00	54.77 3.05 0.00	53.10 3.29 0.00	50.95 3.11 0.00	48.20 2.81 0.00	44.91 2.38 0.00	43.48 2.03 0.00
KINTIGH____ 23543	49.28 -4.99 0.00	46.08 -4.67 0.00	41.49 -4.25 0.00	40.51 -4.30 0.00	38.44 -3.89 0.00	40.34 -3.99 0.00	40.52 -4.45 0.00	36.06 -4.59 0.00	41.63 -5.36 0.00	44.42 -5.89 0.00	44.21 -5.41 0.00	42.90 -5.14 0.00	42.56 -5.05 0.00	41.16 -4.93 0.00	42.24 -5.27 0.00	43.43 -4.93 0.00	46.49 -5.11 0.00	48.96 -5.74 0.00	46.55 -5.17 0.00	44.73 -5.08 0.00	42.96 -4.88 0.00	41.07 -4.31 0.00	38.78 -3.74 0.00	38.17 -3.27 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	56.55 2.28 0.00	52.98 2.23 0.00	47.75 2.01 0.00	46.87 2.06 0.00	44.20 1.86 0.00	46.19 1.86 0.00	46.14 1.17 0.00	41.67 1.02 0.00	48.12 1.13 0.00	51.67 1.36 0.00	51.20 1.59 0.00	49.58 1.54 0.00	49.13 1.52 0.00	47.71 1.61 0.00	48.94 1.43 0.00	49.67 1.31 0.00	52.83 1.24 0.00	55.86 1.15 0.00	52.70 0.98 0.00	50.71 0.90 0.00	48.80 0.96 0.00	46.34 0.95 0.00	43.55 1.02 0.00	42.90 1.45 0.00
LACHUTE__HYDRO 323717	58.07 3.80 0.00	53.79 3.04 0.00	48.39 2.65 0.00	47.23 2.42 0.00	44.70 2.37 0.00	46.81 2.48 0.00	47.76 2.79 0.00	43.01 2.36 0.00	49.81 2.82 0.00	53.63 3.32 0.00	53.04 3.42 0.00	51.31 3.27 0.00	50.70 3.09 0.00	48.86 2.77 0.00	50.46 2.95 0.00	51.27 2.90 0.00	54.90 3.31 0.00	58.59 3.88 0.00	55.19 3.47 0.00	52.80 2.99 0.00	50.67 2.82 0.00	47.70 2.31 0.00	44.53 2.00 0.00	43.15 1.70 0.00
LAWRNCV_115KV_TB1 80681	54.54 0.27 0.00	51.15 0.41 0.00	46.11 0.37 0.00	45.21 0.40 0.00	42.63 0.30 0.00	44.42 0.09 0.00	44.61 -0.36 0.00	40.61 -0.04 0.00	46.57 -0.42 0.00	50.01 -0.30 0.00	49.47 -0.15 0.00	47.89 -0.14 0.00	47.47 -0.14 0.00	46.00 -0.09 0.00	47.37 -0.14 0.00	48.12 -0.24 0.00	51.29 -0.31 0.00	54.16 -0.55 0.00	51.15 -0.57 0.00	49.21 -0.60 0.00	47.36 -0.48 0.00	44.98 -0.41 0.00	42.74 0.21 0.00	41.91 0.46 0.00
LEDERLE____ 23769	57.09 2.82 0.00	53.28 2.54 0.00	47.98 2.24 0.00	47.05 2.24 0.00	44.33 1.99 0.00	46.51 2.17 0.00	47.35 2.38 0.00	42.97 2.32 0.00	49.76 2.77 0.00	53.28 2.97 0.00	52.54 2.93 0.00	50.87 2.83 0.00	50.32 2.71 0.00	48.77 2.67 0.00	50.27 2.76 0.00	51.22 2.85 0.00	54.69 3.10 0.00	58.05 3.34 0.00	54.88 3.15 0.00	52.95 3.14 0.00	50.81 2.97 0.00	48.06 2.68 0.00	44.87 2.34 0.00	43.56 2.11 0.00
LIGHTHSE_115KV_TB6 355974	52.92 -1.36 0.00	49.37 -1.37 0.00	44.51 -1.23 0.00	43.56 -1.25 0.00	41.15 -1.19 0.00	43.05 -1.29 0.00	43.67 -1.30 0.00	39.43 -1.22 0.00	45.58 -1.41 0.00	48.90 -1.41 0.00	48.33 -1.29 0.00	46.84 -1.20 0.00	46.42 -1.19 0.00	44.85 -1.24 0.00	46.42 -1.09 0.00	47.35 -1.02 0.00	50.56 -1.03 0.00	53.51 -1.20 0.00	50.48 -1.24 0.00	48.57 -1.25 0.00	46.60 -1.24 0.00	44.34 -1.04 0.00	41.59 -0.94 0.00	40.45 -0.99 0.00
LINDEN COGEN____ 23786	56.76 2.50 0.01	52.92 2.23 0.06	47.64 2.06 0.16	46.54 1.93 0.19	43.80 1.74 0.27	46.08 1.95 0.20	46.86 2.16 0.27	42.39 2.19 0.45	49.45 2.68 0.22	53.04 2.82 0.09	52.33 2.83 0.12	50.60 2.74 0.18	50.08 2.66 0.20	48.42 2.58 0.25	50.02 2.71 0.20	51.01 2.80 0.16	54.72 3.15 0.02	58.16 3.45 0.00	54.90 3.21 0.03	52.81 3.09 0.09	50.53 2.87 0.19	47.73 2.63 0.29	44.38 2.25 0.40	43.06 1.99 0.38
LINDHRST_69_KV_BK1 356055	58.78 4.50 0.00	54.70 3.96 0.00	49.45 3.70 0.00	48.71 3.90 0.00	45.98 3.64 0.00	48.01 3.68 0.00	49.06 4.09 0.00	44.72 4.06 -0.01	53.33 4.75 -1.59	62.90 4.88 -7.71	55.68 4.86 -1.20	55.87 4.76 -3.07	56.04 4.62 -3.81	55.08 4.52 -4.47	57.12 4.75 -4.86	55.31 4.98 -1.97	56.92 5.31 -0.01	60.23 5.53 0.00	57.10 5.38 0.00	55.73 5.23 -0.69	53.91 4.83 -1.23	50.67 4.54 -0.74	46.48 3.96 0.00	44.97 3.52 0.00
LIPA_MISC_IPP 23656	59.27 4.99 0.00	55.06 4.31 0.00	49.77 4.03 0.00	49.11 4.30 0.00	46.36 4.02 0.00	48.32 3.99 0.00	49.47 4.50 0.00	45.09 4.43 -0.01	53.65 5.22 -1.44	62.64 5.33 -6.99	56.11 5.41 -1.08	56.16 5.33 -2.79	55.91 4.90 -3.40	54.87 4.75 -4.02	57.19 5.27 -4.41	55.66 5.51 -1.78	57.49 5.88 -0.01	60.84 6.13 0.00	57.57 5.84 0.00	56.06 5.63 -0.62	54.08 5.12 -1.12	50.87 4.81 -0.67	46.74 4.21 0.00	45.18 3.73 0.00
LISF__SOLAR 323691	59.37 5.10 0.00	55.16 4.41 0.00	50.13 4.39 0.00	48.98 4.17 0.00	46.31 3.98 0.00	48.41 4.08 0.00	49.33 4.36 0.00	45.17 4.51 -0.01	53.74 5.31 -1.45	62.75 5.44 -7.00	56.21 5.51 -1.09	56.26 5.43 -2.79	56.06 5.04 -3.40	55.01 4.88 -4.03	57.34 5.41 -4.41	55.81 5.66 -1.79	57.79 6.19 -0.01	61.33 6.62 0.00	57.87 6.15 0.00	56.16 5.73 -0.63	54.23 5.26 -1.12	51.05 4.99 -0.67	46.87 4.34 0.00	45.26 3.81 0.00

LITTLE FALLS___HYD 24013	56.23 1.95 0.00	52.52 1.78 0.00	47.25 1.51 0.00	46.29 1.48 0.00	43.69 1.35 0.00	45.75 1.42 0.00	46.41 1.44 0.00	41.91 1.26 0.00	48.49 1.50 0.00	51.97 1.66 0.00	51.25 1.64 0.00	49.77 1.73 0.00	49.42 1.81 0.00	47.80 1.71 0.00	49.37 1.85 0.00	50.25 1.89 0.00	53.56 1.96 0.00	56.73 2.02 0.00	53.58 1.86 0.00	51.60 1.79 0.00	49.57 1.72 0.00	47.07 1.68 0.00	44.10 1.57 0.00	42.94 1.49 0.00
LITTLRIV_115KV_TB1 356100	55.25 0.98 0.00	51.81 1.07 0.00	46.70 0.96 0.00	45.80 0.99 0.00	43.14 0.80 0.00	44.95 0.62 0.00	45.20 0.22 0.00	41.10 0.45 0.00	47.18 0.19 0.00	50.61 0.30 0.00	50.06 0.45 0.00	48.47 0.43 0.00	48.04 0.43 0.00	46.56 0.46 0.00	47.99 0.48 0.00	48.75 0.39 0.00	52.01 0.41 0.00	54.93 0.22 0.00	51.82 0.10 0.00	49.81 0.00 0.00	47.94 0.10 0.00	45.52 0.14 0.00	43.25 0.72 0.00	42.40 0.95 0.00
LI_NEWBRDGE___DRP 323616	57.64 3.36 0.00	53.69 2.94 0.00	48.53 2.79 0.00	47.77 2.96 0.00	45.09 2.75 0.00	47.08 2.75 0.00	48.12 3.15 0.00	43.79 3.13 -0.01	52.06 3.71 -1.36	60.71 3.82 -6.58	54.36 3.72 -1.02	54.31 3.65 -2.62	54.29 3.52 -3.16	53.32 3.46 -3.77	55.22 3.56 -4.15	53.82 3.77 -1.68	55.58 3.97 -0.01	58.87 4.16 0.00	55.75 4.03 0.00	54.38 3.98 -0.59	52.63 3.73 -1.05	49.51 3.49 -0.63	45.59 3.06 0.00	44.10 2.65 0.00
LOCKPORT_115KV_TB60_63_64 80432	48.90 -5.37 0.00	45.67 -5.07 0.00	41.12 -4.62 0.00	40.11 -4.71 0.00	38.10 -4.23 0.00	39.94 -4.39 0.00	40.02 -4.95 0.00	35.45 -5.20 0.00	40.93 -6.06 0.00	43.62 -6.69 0.00	43.51 -6.10 0.00	42.27 -5.76 0.00	41.90 -5.71 0.00	40.52 -5.58 0.00	41.57 -5.94 0.00	42.85 -5.51 0.00	45.92 -5.68 0.00	48.31 -6.40 0.00	45.98 -5.74 0.00	44.18 -5.63 0.00	42.48 -5.36 0.00	40.62 -4.77 0.00	38.49 -4.04 0.00	38.01 -3.44 0.00
LOCKPORT___CC1 323769	48.90 -5.37 0.00	45.67 -5.07 0.00	41.07 -4.67 0.00	40.24 -4.57 0.00	38.10 -4.23 0.00	39.94 -4.39 0.00	40.25 -4.72 0.00	35.45 -5.20 0.00	40.88 -6.11 0.00	43.62 -6.69 0.00	43.46 -6.15 0.00	42.22 -5.81 0.00	41.90 -5.71 0.00	40.52 -5.58 0.00	41.53 -5.99 0.00	42.76 -5.61 0.00	45.14 -6.45 0.00	48.20 -6.51 0.00	45.31 -6.42 0.00	44.13 -5.68 0.00	42.44 -5.41 0.00	40.30 -5.08 0.00	38.74 -3.79 0.00	38.01 -3.44 0.00
LOCKPORT___CC2 323770	48.90 -5.37 0.00	45.67 -5.07 0.00	41.07 -4.67 0.00	40.24 -4.57 0.00	38.10 -4.23 0.00	39.94 -4.39 0.00	40.25 -4.72 0.00	35.45 -5.20 0.00	40.88 -6.11 0.00	43.62 -6.69 0.00	43.46 -6.15 0.00	42.22 -5.81 0.00	41.90 -5.71 0.00	40.52 -5.58 0.00	41.53 -5.99 0.00	42.76 -5.61 0.00	45.14 -6.45 0.00	48.20 -6.51 0.00	45.31 -6.42 0.00	44.13 -5.68 0.00	42.44 -5.41 0.00	40.30 -5.08 0.00	38.74 -3.79 0.00	38.01 -3.44 0.00
LOCKPORT___CC3 323771	48.90 -5.37 0.00	45.67 -5.07 0.00	41.07 -4.67 0.00	40.24 -4.57 0.00	38.10 -4.23 0.00	39.94 -4.39 0.00	40.25 -4.72 0.00	35.45 -5.20 0.00	40.88 -6.11 0.00	43.62 -6.69 0.00	43.46 -6.15 0.00	42.22 -5.81 0.00	41.90 -5.71 0.00	40.52 -5.58 0.00	41.53 -5.99 0.00	42.76 -5.61 0.00	45.14 -6.45 0.00	48.20 -6.51 0.00	45.31 -6.42 0.00	44.13 -5.68 0.00	42.44 -5.41 0.00	40.30 -5.08 0.00	38.74 -3.79 0.00	38.01 -3.44 0.00
LONG_LAKE_PHOENIX 24014	52.37 -1.90 0.00	48.87 -1.88 0.00	44.05 -1.69 0.00	43.15 -1.66 0.00	40.77 -1.57 0.00	42.74 -1.60 0.00	43.35 -1.62 0.00	39.19 -1.46 0.00	45.30 -1.69 0.00	48.50 -1.81 0.00	47.93 -1.69 0.00	46.41 -1.63 0.00	45.99 -1.62 0.00	44.48 -1.61 0.00	45.85 -1.66 0.00	46.82 -1.55 0.00	49.94 -1.65 0.00	52.96 -1.75 0.00	50.07 -1.66 0.00	48.17 -1.64 0.00	46.26 -1.58 0.00	43.93 -1.45 0.00	41.12 -1.40 0.00	40.04 -1.41 0.00
LOVETT___3 23632	56.82 2.55 0.00	53.03 2.28 0.00	47.80 2.06 0.00	46.87 2.06 0.00	44.16 1.82 0.00	46.33 1.99 0.00	47.17 2.20 0.00	42.80 2.15 0.00	49.57 2.58 0.00	53.03 2.72 0.00	52.30 2.68 0.00	50.63 2.59 0.00	50.13 2.52 0.00	48.54 2.44 0.00	50.03 2.52 0.00	50.98 2.61 0.00	54.43 2.84 0.00	57.77 3.06 0.00	54.62 2.90 0.00	52.70 2.89 0.00	50.62 2.77 0.00	47.88 2.50 0.00	44.70 2.17 0.00	43.40 1.95 0.00
LOVETT___4 23642	56.82 2.55 0.00	53.03 2.28 0.00	47.80 2.06 0.00	46.87 2.06 0.00	44.16 1.82 0.00	46.33 1.99 0.00	47.17 2.20 0.00	42.80 2.15 0.00	49.57 2.58 0.00	53.03 2.72 0.00	52.30 2.68 0.00	50.63 2.59 0.00	50.13 2.52 0.00	48.54 2.44 0.00	50.03 2.52 0.00	50.98 2.61 0.00	54.43 2.84 0.00	57.77 3.06 0.00	54.62 2.90 0.00	52.70 2.89 0.00	50.62 2.77 0.00	47.88 2.50 0.00	44.70 2.17 0.00	43.40 1.95 0.00
LOVETT___5 23593	56.82 2.55 0.00	53.03 2.28 0.00	47.80 2.06 0.00	46.87 2.06 0.00	44.16 1.82 0.00	46.33 1.99 0.00	47.17 2.20 0.00	42.80 2.15 0.00	49.57 2.58 0.00	53.03 2.72 0.00	52.30 2.68 0.00	50.63 2.59 0.00	50.13 2.52 0.00	48.54 2.44 0.00	50.03 2.52 0.00	50.98 2.61 0.00	54.43 2.84 0.00	57.77 3.06 0.00	54.62 2.90 0.00	52.70 2.89 0.00	50.62 2.77 0.00	47.88 2.50 0.00	44.70 2.17 0.00	43.40 1.95 0.00
LOWER RAQUET___HYD 24057	54.44 0.16 0.00	51.00 0.26 0.00	45.92 0.18 0.00	45.08 0.27 0.00	42.63 0.30 0.00	44.29 -0.04 0.00	44.43 -0.54 0.00	40.41 -0.24 0.00	46.38 -0.61 0.00	49.81 -0.50 0.00	49.27 -0.34 0.00	47.70 -0.33 0.00	47.28 -0.33 0.00	45.82 -0.27 0.00	47.18 -0.33 0.00	47.93 -0.44 0.00	51.13 -0.47 0.00	53.78 -0.93 0.00	51.00 -0.72 0.00	49.01 -0.80 0.00	47.17 -0.67 0.00	44.80 -0.59 0.00	42.19 -0.34 0.00	41.78 0.33 0.00
LOWER___HUDSON 24059	56.72 2.44 0.00	52.83 2.08 0.00	47.66 1.92 0.00	46.74 1.93 0.00	44.15 1.82 0.00	46.28 1.95 0.00	47.04 2.07 0.00	42.52 1.87 0.00	49.20 2.21 0.00	52.73 2.41 0.00	51.65 2.04 0.00	49.96 1.92 0.00	49.56 1.95 0.00	47.98 1.89 0.00	49.42 1.90 0.00	50.25 1.88 0.00	53.71 2.12 0.00	57.34 2.63 0.00	53.99 2.27 0.00	52.00 2.19 0.00	49.90 2.06 0.00	47.29 1.91 0.00	44.18 1.66 0.00	42.94 1.49 0.00
LOWVILLE_115KV_TB2 356335	54.06 -0.22 0.00	50.49 -0.25 0.00	45.47 -0.27 0.00	44.54 -0.27 0.00	42.04 -0.30 0.00	43.98 -0.35 0.00	44.75 -0.22 0.00	40.45 -0.20 0.00	46.76 -0.23 0.00	50.11 -0.20 0.00	49.42 -0.20 0.00	47.80 -0.24 0.00	47.37 -0.24 0.00	45.77 -0.32 0.00	47.80 0.29 0.00	48.70 0.34 0.00	52.16 0.57 0.00	55.20 0.49 0.00	51.98 0.26 0.00	49.96 0.15 0.00	47.94 0.10 0.00	45.52 0.14 0.00	42.78 0.26 0.00	41.57 0.12 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	56.99 2.71 0.00	53.08 2.33 0.00	47.80 2.06 0.00	46.83 2.02 0.00	44.28 1.95 0.00	46.37 2.04 0.00	47.13 2.16 0.00	42.56 1.91 0.00	49.25 2.26 0.00	52.83 2.52 0.00	51.95 2.33 0.00	50.25 2.21 0.00	49.80 2.19 0.00	48.17 2.07 0.00	49.65 2.14 0.00	50.49 2.13 0.00	53.97 2.37 0.00	57.50 2.79 0.00	54.26 2.53 0.00	52.15 2.34 0.00	50.09 2.25 0.00	47.34 1.95 0.00	44.27 1.74 0.00	42.98 1.53 0.00

LUTHERNY_35_KV_BK2 355980	57.04 2.77 0.00	53.08 2.33 0.00	47.84 2.10 0.00	46.87 2.06 0.00	44.28 1.95 0.00	46.37 2.04 0.00	47.17 2.20 0.00	42.56 1.91 0.00	49.29 2.30 0.00	52.83 2.52 0.00	52.00 2.38 0.00	50.30 2.26 0.00	49.80 2.19 0.00	48.17 2.07 0.00	49.70 2.19 0.00	50.54 2.18 0.00	54.02 2.42 0.00	57.55 2.84 0.00	54.26 2.53 0.00	52.20 2.39 0.00	50.09 2.25 0.00	47.38 2.00 0.00	44.27 1.74 0.00	43.02 1.58 0.00
LWR___OSWEGATCHIE_HYD 23850	53.78 -0.49 0.00	50.34 -0.41 0.00	45.33 -0.41 0.00	44.41 -0.40 0.00	41.91 -0.42 0.00	43.71 -0.62 0.00	44.16 -0.81 0.00	40.08 -0.57 0.00	46.14 -0.85 0.00	49.46 -0.86 0.00	48.87 -0.74 0.00	47.32 -0.72 0.00	46.90 -0.71 0.00	45.36 -0.74 0.00	47.04 -0.48 0.00	47.83 -0.53 0.00	51.13 -0.46 0.00	54.05 -0.66 0.00	51.00 -0.72 0.00	49.01 -0.80 0.00	47.08 -0.77 0.00	44.71 -0.68 0.00	42.27 -0.26 0.00	41.28 -0.17 0.00
LYONS_FALL_HYD 23570	54.55 0.27 0.00	50.95 0.20 0.00	45.88 0.14 0.00	44.95 0.13 0.00	42.42 0.08 0.00	44.42 0.09 0.00	45.20 0.23 0.00	40.85 0.20 0.00	47.27 0.28 0.00	50.61 0.30 0.00	49.92 0.30 0.00	48.28 0.24 0.00	47.90 0.29 0.00	46.23 0.14 0.00	48.13 0.62 0.00	48.99 0.63 0.00	52.42 0.82 0.00	55.53 0.82 0.00	52.29 0.57 0.00	50.31 0.50 0.00	48.27 0.43 0.00	45.79 0.41 0.00	42.95 0.43 0.00	41.78 0.33 0.00
MADISON___COUNTY_LFGE 323628	55.14 0.87 0.00	51.51 0.76 0.00	46.43 0.69 0.00	45.44 0.63 0.00	42.93 0.59 0.00	45.00 0.66 0.00	45.83 0.85 0.00	41.38 0.73 0.00	47.88 0.89 0.00	51.22 0.91 0.00	50.56 0.94 0.00	48.90 0.86 0.00	48.47 0.86 0.00	46.83 0.74 0.00	48.51 1.00 0.00	49.43 1.06 0.00	52.78 1.19 0.00	55.91 1.20 0.00	52.70 0.98 0.00	50.71 0.90 0.00	48.66 0.81 0.00	46.16 0.77 0.00	43.21 0.68 0.00	42.03 0.58 0.00
MALONE___115KV_TB1 356076	56.12 1.85 0.00	52.57 1.83 0.00	47.39 1.65 0.00	46.56 1.75 0.00	43.82 1.48 0.00	45.80 1.46 0.00	45.92 0.94 0.00	41.58 0.93 0.00	47.93 0.94 0.00	51.52 1.21 0.00	51.06 1.44 0.00	49.48 1.44 0.00	48.99 1.38 0.00	47.62 1.52 0.00	48.80 1.28 0.00	49.57 1.21 0.00	52.73 1.14 0.00	55.80 1.09 0.00	52.60 0.88 0.00	50.61 0.80 0.00	48.70 0.86 0.00	46.25 0.86 0.00	43.55 1.02 0.00	42.78 1.33 0.00
MAPLEWOD_115KV_TB3 80458	56.55 2.28 0.00	52.72 1.98 0.00	47.57 1.83 0.00	46.60 1.79 0.00	44.03 1.69 0.00	46.15 1.82 0.00	46.91 1.93 0.00	42.40 1.75 0.00	49.10 2.11 0.00	52.57 2.26 0.00	51.55 1.94 0.00	49.86 1.83 0.00	49.42 1.81 0.00	47.85 1.75 0.00	49.32 1.81 0.00	50.06 1.69 0.00	53.35 1.75 0.00	56.84 2.13 0.00	53.63 1.91 0.00	51.65 1.84 0.00	49.66 1.82 0.00	47.07 1.68 0.00	43.97 1.45 0.00	42.82 1.37 0.00
MAPLE_RIDGE_WT_1 323574	53.51 -0.76 0.00	50.03 -0.71 0.00	45.06 -0.68 0.00	44.18 -0.63 0.00	41.74 -0.59 0.00	43.67 -0.66 0.00	44.25 -0.72 0.00	40.04 -0.61 0.00	46.24 -0.75 0.00	49.56 -0.75 0.00	48.92 -0.69 0.00	47.41 -0.63 0.00	47.04 -0.57 0.00	45.63 -0.46 0.00	47.04 -0.48 0.00	47.83 -0.53 0.00	51.03 -0.57 0.00	54.00 -0.71 0.00	51.05 -0.67 0.00	49.11 -0.70 0.00	47.17 -0.67 0.00	44.75 -0.64 0.00	41.93 -0.60 0.00	40.99 -0.46 0.00
MAPLE_RIDGE_WT_2 323611	53.51 -0.76 0.00	50.03 -0.71 0.00	45.06 -0.68 0.00	44.18 -0.63 0.00	41.74 -0.59 0.00	43.67 -0.66 0.00	44.25 -0.72 0.00	40.04 -0.61 0.00	46.24 -0.75 0.00	49.56 -0.75 0.00	48.92 -0.69 0.00	47.41 -0.63 0.00	47.04 -0.57 0.00	45.63 -0.46 0.00	47.04 -0.48 0.00	47.83 -0.53 0.00	51.03 -0.57 0.00	54.00 -0.71 0.00	51.05 -0.67 0.00	49.11 -0.70 0.00	47.17 -0.67 0.00	44.75 -0.64 0.00	41.93 -0.60 0.00	40.99 -0.46 0.00
MARBLE_RIVER_WT_PWR 323696	55.52 1.25 0.00	52.01 1.27 0.00	46.84 1.10 0.00	45.97 1.16 0.00	43.39 1.06 0.00	45.35 1.02 0.00	45.51 0.54 0.00	41.14 0.49 0.00	47.46 0.47 0.00	50.92 0.61 0.00	50.36 0.75 0.00	48.76 0.72 0.00	48.32 0.72 0.00	46.88 0.78 0.00	48.18 0.66 0.00	48.90 0.53 0.00	52.06 0.46 0.00	54.82 0.11 0.00	51.93 0.21 0.00	49.96 0.15 0.00	48.08 0.24 0.00	45.61 0.23 0.00	42.78 0.26 0.00	42.15 0.70 0.00
MARSHVLE_115KV_TB1 80742	57.15 2.88 0.00	53.13 2.38 0.00	47.80 2.06 0.00	46.69 1.88 0.00	44.16 1.82 0.00	46.33 1.99 0.00	47.17 2.20 0.00	42.52 1.87 0.00	49.15 2.16 0.00	52.52 2.21 0.00	51.85 2.23 0.00	49.86 1.83 0.00	49.23 1.62 0.00	47.75 1.66 0.00	49.32 1.81 0.00	50.69 2.32 0.00	54.54 2.94 0.00	57.94 3.23 0.00	54.72 3.00 0.00	52.45 2.64 0.00	50.43 2.58 0.00	47.57 2.18 0.00	44.44 1.91 0.00	43.07 1.62 0.00
MARSH_HILL_WT_PWR 323713	51.83 -2.44 0.00	48.31 -2.43 0.00	43.59 -2.15 0.00	42.57 -2.24 0.00	40.22 -2.12 0.00	42.07 -2.26 0.00	42.59 -2.38 0.00	37.80 -2.85 0.00	43.37 -3.62 0.00	46.03 -4.28 0.00	45.95 -3.67 0.00	44.96 -3.08 0.00	44.80 -2.81 0.00	43.37 -2.72 0.00	44.71 -2.80 0.00	46.00 -2.37 0.00	48.81 -2.79 0.00	52.19 -2.52 0.00	49.14 -2.58 0.00	47.52 -2.29 0.00	45.69 -2.15 0.00	43.44 -1.95 0.00	41.04 -1.49 0.00	40.12 -1.33 0.00
MCINTYRE_115KV_TB2 80467	55.79 1.52 0.00	52.32 1.57 0.00	47.16 1.42 0.00	46.24 1.43 0.00	43.61 1.27 0.00	45.49 1.15 0.00	45.83 0.85 0.00	41.62 0.98 0.00	47.79 0.80 0.00	51.22 0.91 0.00	50.66 1.04 0.00	49.05 1.01 0.00	48.56 0.95 0.00	47.11 1.01 0.00	48.51 1.00 0.00	49.33 0.97 0.00	52.68 1.08 0.00	55.64 0.93 0.00	52.50 0.78 0.00	50.46 0.65 0.00	48.56 0.72 0.00	46.11 0.73 0.00	43.72 1.19 0.00	42.82 1.37 0.00
MECO_____69_KV_BK1 80468	58.61 4.34 0.00	54.45 3.70 0.00	48.99 3.25 0.00	47.81 3.00 0.00	45.21 2.88 0.00	47.48 3.15 0.00	48.39 3.42 0.00	43.54 2.89 0.00	50.33 3.34 0.00	53.83 3.52 0.00	53.14 3.52 0.00	51.26 3.22 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.60 3.09 0.00	51.85 3.48 0.00	55.77 4.18 0.00	59.30 4.60 0.00	56.01 4.29 0.00	53.70 3.89 0.00	51.58 3.73 0.00	48.65 3.27 0.00	45.46 2.93 0.00	44.10 2.65 0.00
MENANDS___115KV_TB5 355628	56.44 2.17 0.00	52.57 1.83 0.00	47.43 1.69 0.00	46.51 1.70 0.00	43.94 1.61 0.00	46.06 1.73 0.00	46.82 1.84 0.00	42.32 1.67 0.00	48.96 1.97 0.00	52.47 2.16 0.00	51.40 1.79 0.00	49.72 1.68 0.00	49.32 1.71 0.00	47.75 1.66 0.00	49.18 1.66 0.00	49.86 1.50 0.00	53.14 1.55 0.00	56.62 1.91 0.00	53.43 1.71 0.00	51.50 1.69 0.00	49.52 1.67 0.00	46.88 1.50 0.00	43.85 1.32 0.00	42.69 1.24 0.00
MG INDUSTRY___DRP 24185	56.23 1.95 0.00	52.42 1.67 0.00	47.25 1.51 0.00	46.33 1.52 0.00	43.73 1.40 0.00	45.84 1.51 0.00	46.55 1.57 0.00	42.03 1.38 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.15 1.54 0.00	49.48 1.44 0.00	49.09 1.48 0.00	47.52 1.43 0.00	48.99 1.47 0.00	49.72 1.35 0.00	52.99 1.39 0.00	56.41 1.70 0.00	53.22 1.50 0.00	51.26 1.44 0.00	49.28 1.44 0.00	46.70 1.32 0.00	43.72 1.19 0.00	42.57 1.12 0.00

MID___OSWEGATCHIE_HYD 23849	53.78 -0.49 0.00	50.34 -0.41 0.00	45.33 -0.41 0.00	44.41 -0.40 0.00	41.91 -0.42 0.00	43.71 -0.62 0.00	44.16 -0.81 0.00	40.08 -0.57 0.00	46.14 -0.85 0.00	49.46 -0.86 0.00	48.87 -0.74 0.00	47.32 -0.72 0.00	46.90 -0.71 0.00	45.36 -0.74 0.00	47.04 -0.48 0.00	47.83 -0.53 0.00	51.13 -0.46 0.00	54.05 -0.66 0.00	51.00 -0.72 0.00	49.01 -0.80 0.00	47.08 -0.77 0.00	44.71 -0.68 0.00	42.27 -0.26 0.00	41.28 -0.17 0.00
MID___RAQUETTE_HYD 23851	54.44 0.16 0.00	51.00 0.25 0.00	45.97 0.23 0.00	45.12 0.31 0.00	42.50 0.17 0.00	44.29 -0.04 0.00	44.43 -0.54 0.00	40.41 -0.24 0.00	46.38 -0.61 0.00	49.81 -0.50 0.00	49.27 -0.35 0.00	47.70 -0.34 0.00	47.28 -0.33 0.00	45.82 -0.28 0.00	47.18 -0.33 0.00	47.93 -0.44 0.00	51.08 -0.52 0.00	54.00 -0.71 0.00	50.94 -0.78 0.00	49.01 -0.80 0.00	47.17 -0.67 0.00	44.80 -0.59 0.00	42.57 0.04 0.00	41.78 0.33 0.00
MILLIKEN___1 23584	54.27 0.00 0.00	50.59 -0.15 0.00	45.60 -0.14 0.00	44.59 -0.22 0.00	42.17 -0.17 0.00	44.20 -0.13 0.00	44.88 -0.09 0.00	40.49 -0.16 0.00	46.80 -0.19 0.00	50.01 -0.30 0.00	49.52 -0.10 0.00	47.94 -0.10 0.00	47.51 -0.10 0.00	45.91 -0.18 0.00	47.42 -0.10 0.00	48.46 0.10 0.00	51.75 0.15 0.00	54.93 0.22 0.00	51.88 0.16 0.00	49.96 0.15 0.00	47.94 0.10 0.00	45.52 0.14 0.00	42.57 0.04 0.00	41.49 0.04 0.00
MILLIKEN___2 23585	54.27 0.00 0.00	50.59 -0.15 0.00	45.60 -0.14 0.00	44.59 -0.22 0.00	42.17 -0.17 0.00	44.20 -0.13 0.00	44.88 -0.09 0.00	40.49 -0.16 0.00	46.80 -0.19 0.00	50.01 -0.30 0.00	49.52 -0.10 0.00	47.94 -0.10 0.00	47.51 -0.10 0.00	45.91 -0.18 0.00	47.42 -0.10 0.00	48.46 0.10 0.00	51.75 0.15 0.00	54.93 0.22 0.00	51.88 0.16 0.00	49.96 0.15 0.00	47.94 0.10 0.00	45.52 0.14 0.00	42.57 0.04 0.00	41.49 0.04 0.00
MILLIKEN___DIESEL 23629	54.27 0.00 0.00	50.59 -0.15 0.00	45.60 -0.14 0.00	44.59 -0.22 0.00	42.17 -0.17 0.00	44.20 -0.13 0.00	44.88 -0.09 0.00	40.49 -0.16 0.00	46.80 -0.19 0.00	50.01 -0.30 0.00	49.52 -0.10 0.00	47.94 -0.10 0.00	47.51 -0.10 0.00	45.91 -0.18 0.00	47.42 -0.10 0.00	48.46 0.10 0.00	51.75 0.15 0.00	54.93 0.22 0.00	51.88 0.16 0.00	49.96 0.15 0.00	47.94 0.10 0.00	45.52 0.14 0.00	42.57 0.04 0.00	41.49 0.04 0.00
MILLSEAT___LFGE 323607	49.98 -4.29 0.00	46.73 -4.01 0.00	41.99 -3.75 0.00	41.14 -3.67 0.00	38.95 -3.39 0.00	40.87 -3.46 0.00	41.24 -3.73 0.00	36.38 -4.27 0.00	42.06 -4.93 0.00	44.88 -5.43 0.00	44.76 -4.86 0.00	43.43 -4.61 0.00	43.04 -4.57 0.00	41.53 -4.56 0.00	42.67 -4.85 0.00	43.92 -4.45 0.00	46.49 -5.11 0.00	49.79 -4.92 0.00	46.76 -4.97 0.00	45.38 -4.43 0.00	43.63 -4.21 0.00	41.44 -3.95 0.00	39.63 -2.89 0.00	38.80 -2.65 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	57.04 2.77 0.00	53.23 2.49 0.00	47.98 2.24 0.00	47.05 2.24 0.00	44.37 2.03 0.00	46.51 2.17 0.00	47.35 2.38 0.00	42.97 2.32 0.00	49.76 2.77 0.00	53.28 2.97 0.00	52.49 2.88 0.00	50.82 2.79 0.00	50.32 2.71 0.00	48.72 2.63 0.00	50.27 2.76 0.00	51.17 2.81 0.00	54.64 3.04 0.00	58.05 3.34 0.00	54.88 3.15 0.00	52.95 3.14 0.00	50.81 2.97 0.00	48.06 2.68 0.00	44.87 2.34 0.00	43.56 2.11 0.00
MILLWOOD_13_KV_LOAD 356217	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.45 2.12 0.00	46.59 2.26 0.00	47.44 2.47 0.00	43.05 2.40 0.00	49.86 2.87 0.00	53.38 3.07 0.00	52.64 3.03 0.00	50.97 2.93 0.00	50.42 2.81 0.00	48.86 2.77 0.00	50.36 2.85 0.00	51.32 2.95 0.00	54.79 3.20 0.00	58.16 3.45 0.00	55.03 3.31 0.00	53.05 3.24 0.00	50.91 3.06 0.00	48.16 2.77 0.00	44.99 2.47 0.00	43.65 2.20 0.00
MODEL_CITY_ENERGY 24167	48.30 -5.97 0.00	45.16 -5.58 0.00	40.62 -5.12 0.00	39.79 -5.02 0.00	37.68 -4.66 0.00	39.50 -4.83 0.00	39.80 -5.17 0.00	35.04 -5.61 0.00	40.41 -6.58 0.00	43.11 -7.20 0.00	42.97 -6.65 0.00	41.75 -6.29 0.00	41.37 -6.24 0.00	40.01 -6.09 0.00	41.01 -6.51 0.00	42.22 -6.14 0.00	44.58 -7.02 0.00	47.60 -7.11 0.00	44.74 -6.98 0.00	43.58 -6.23 0.00	41.91 -5.93 0.00	39.80 -5.58 0.00	38.27 -4.25 0.00	37.55 -3.90 0.00
MODERN_LFGE___ 323580	48.30 -5.97 0.00	45.16 -5.58 0.00	40.62 -5.12 0.00	39.79 -5.02 0.00	37.68 -4.66 0.00	39.50 -4.83 0.00	39.80 -5.17 0.00	35.04 -5.61 0.00	40.41 -6.58 0.00	43.11 -7.20 0.00	42.97 -6.65 0.00	41.75 -6.29 0.00	41.37 -6.24 0.00	40.01 -6.09 0.00	41.01 -6.51 0.00	42.22 -6.14 0.00	44.58 -7.02 0.00	47.60 -7.11 0.00	44.74 -6.98 0.00	43.58 -6.23 0.00	41.91 -5.93 0.00	39.80 -5.58 0.00	38.27 -4.25 0.00	37.55 -3.90 0.00
MOHAWK_PAPER___DRP 24187	56.55 2.28 0.00	52.72 1.98 0.00	47.57 1.83 0.00	46.60 1.79 0.00	44.03 1.69 0.00	46.15 1.82 0.00	46.91 1.93 0.00	42.40 1.75 0.00	49.10 2.11 0.00	52.57 2.26 0.00	51.55 1.94 0.00	49.86 1.83 0.00	49.42 1.81 0.00	47.85 1.75 0.00	49.32 1.81 0.00	50.06 1.69 0.00	53.35 1.75 0.00	56.84 2.13 0.00	53.63 1.91 0.00	51.65 1.84 0.00	49.66 1.82 0.00	47.07 1.68 0.00	43.97 1.45 0.00	42.82 1.37 0.00
MOHICAN___35_KV_115KV_LD 80490	56.88 2.61 0.00	52.88 2.13 0.00	47.62 1.88 0.00	46.60 1.79 0.00	44.07 1.74 0.00	46.06 1.73 0.00	46.95 1.98 0.00	42.36 1.71 0.00	49.01 2.02 0.00	52.62 2.31 0.00	51.85 2.23 0.00	50.15 2.11 0.00	49.66 2.05 0.00	47.98 1.89 0.00	49.46 1.95 0.00	50.30 1.93 0.00	53.76 2.17 0.00	57.34 2.63 0.00	54.05 2.33 0.00	51.90 2.09 0.00	49.80 1.96 0.00	47.02 1.63 0.00	43.93 1.40 0.00	42.61 1.16 0.00
MONGAUP___HYD 23641	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.55 2.22 0.00	47.35 2.38 0.00	42.84 2.19 0.00	49.57 2.58 0.00	52.98 2.66 0.00	52.24 2.63 0.00	50.54 2.50 0.00	49.99 2.38 0.00	48.35 2.26 0.00	49.94 2.42 0.00	50.98 2.61 0.00	54.80 3.20 0.00	58.21 3.50 0.00	54.93 3.21 0.00	52.90 3.09 0.00	50.76 2.92 0.00	48.11 2.72 0.00	44.91 2.38 0.00	43.64 2.20 0.00
MONTAUK___DIESEL 23721	60.79 6.51 0.00	56.53 5.78 0.00	51.00 5.26 0.00	50.32 5.51 0.00	47.54 5.21 0.00	49.52 5.19 0.00	50.77 5.80 0.00	46.27 5.61 -0.01	55.15 6.72 -1.44	64.35 7.04 -6.99	57.85 7.14 -1.09	57.89 7.06 -2.79	57.53 6.52 -3.40	56.43 6.31 -4.03	58.91 6.98 -4.41	57.16 7.01 -1.79	58.93 7.33 -0.01	62.42 7.71 0.00	58.39 6.67 0.00	56.66 6.23 -0.62	54.51 5.55 -1.12	51.10 5.04 -0.67	46.87 4.34 0.00	45.55 4.10 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	50.31 -3.96 0.00	46.94 -3.81 0.00	42.08 -3.66 0.00	41.05 -3.76 0.00	38.99 -3.34 0.00	40.83 -3.50 0.00	41.01 -3.96 0.00	36.42 -4.23 0.00	42.06 -4.93 0.00	44.98 -5.33 0.00	44.90 -4.71 0.00	43.76 -4.28 0.00	43.47 -4.14 0.00	41.53 -4.56 0.00	42.86 -4.66 0.00	44.74 -3.63 0.00	47.88 -3.71 0.00	50.44 -4.27 0.00	47.84 -3.88 0.00	46.03 -3.79 0.00	44.21 -3.64 0.00	42.21 -3.18 0.00	39.98 -2.55 0.00	39.46 -1.99 0.00

MORRIS_RIDGE___SOLAR 323848	50.80 -3.47 0.00	47.45 -3.30 0.00	42.77 -2.97 0.00	41.81 -3.00 0.00	39.50 -2.84 0.00	41.41 -2.93 0.00	41.82 -3.15 0.00	37.07 -3.58 0.00	42.67 -4.32 0.00	45.33 -4.98 0.00	45.00 -4.61 0.00	43.91 -4.13 0.00	43.66 -3.95 0.00	42.27 -3.83 0.00	43.52 -3.99 0.00	44.84 -3.53 0.00	47.57 -4.02 0.00	50.77 -3.94 0.00	47.79 -3.93 0.00	46.28 -3.54 0.00	44.49 -3.35 0.00	42.21 -3.18 0.00	40.10 -2.42 0.00	39.29 -2.16 0.00
MORTIMER_115KV_TB3 55949	50.91 -3.36 0.00	47.60 -3.15 0.00	42.86 -2.88 0.00	41.90 -2.91 0.00	39.67 -2.67 0.00	41.67 -2.66 0.00	42.00 -2.97 0.00	37.60 -3.05 0.00	43.47 -3.52 0.00	46.44 -3.87 0.00	46.19 -3.42 0.00	44.77 -3.27 0.00	44.37 -3.24 0.00	42.82 -3.27 0.00	44.09 -3.42 0.00	45.22 -3.14 0.00	48.40 -3.20 0.00	51.21 -3.50 0.00	48.57 -3.15 0.00	46.62 -3.19 0.00	44.78 -3.06 0.00	42.71 -2.68 0.00	40.10 -2.42 0.00	39.29 -2.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	57.26 2.98 0.00	53.43 2.69 0.00	48.12 2.38 0.00	47.19 2.37 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.53 2.56 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.55 3.04 0.00	51.46 3.10 0.00	54.95 3.35 0.00	58.32 3.61 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.29 2.90 0.00	45.08 2.55 0.00	43.77 2.32 0.00
MUNSVILLE_WIND_PWR 323609	57.53 3.26 0.00	53.48 2.74 0.00	48.16 2.42 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.46 2.13 0.00	47.58 2.61 0.00	42.80 2.15 0.00	49.62 2.63 0.00	53.18 2.87 0.00	52.69 3.08 0.00	50.97 2.93 0.00	50.51 2.90 0.00	48.58 2.49 0.00	50.56 3.04 0.00	51.75 3.38 0.00	55.57 3.97 0.00	58.81 4.11 0.00	55.19 3.47 0.00	53.15 3.34 0.00	50.95 3.11 0.00	48.29 2.91 0.00	45.29 2.76 0.00	43.85 2.40 0.00
N SALMON___HYD 24042	56.12 1.85 0.00	52.57 1.82 0.00	47.34 1.60 0.00	46.56 1.75 0.00	43.90 1.57 0.00	45.79 1.46 0.00	45.92 0.95 0.00	41.58 0.94 0.00	47.93 0.94 0.00	51.52 1.21 0.00	51.06 1.44 0.00	49.48 1.44 0.00	48.99 1.38 0.00	47.61 1.52 0.00	48.80 1.28 0.00	49.57 1.21 0.00	52.73 1.13 0.00	55.64 0.93 0.00	52.65 0.93 0.00	50.61 0.79 0.00	48.71 0.86 0.00	46.25 0.86 0.00	43.38 0.85 0.00	42.78 1.33 0.00
N.AKRON__115KV_KNAPP 355671	49.88 -4.40 0.00	46.63 -4.11 0.00	41.90 -3.84 0.00	40.91 -3.90 0.00	38.86 -3.47 0.00	40.79 -3.55 0.00	40.92 -4.05 0.00	36.30 -4.35 0.00	41.92 -5.07 0.00	44.73 -5.58 0.00	44.61 -5.01 0.00	43.28 -4.76 0.00	42.94 -4.67 0.00	41.44 -4.66 0.00	42.57 -4.94 0.00	43.87 -4.50 0.00	47.06 -4.54 0.00	49.68 -5.03 0.00	47.17 -4.55 0.00	45.28 -4.53 0.00	43.54 -4.31 0.00	41.62 -3.77 0.00	39.30 -3.23 0.00	38.71 -2.74 0.00
N.BELMOR_69_KV_BK1 55787	58.02 3.74 0.00	54.04 3.30 0.00	48.85 3.11 0.00	48.08 3.27 0.00	45.34 3.01 0.00	47.39 3.06 0.00	48.43 3.46 0.00	44.08 3.41 -0.01	52.91 3.99 -1.93	63.70 4.08 -9.31	55.08 4.02 -1.45	55.69 3.94 -3.71	56.15 3.81 -4.73	55.29 3.73 -5.46	57.28 3.90 -5.87	54.86 4.11 -2.38	55.99 4.39 -0.01	59.25 4.54 0.00	56.17 4.45 0.00	54.98 4.33 -0.84	53.40 4.07 -1.49	50.10 3.81 -0.90	45.89 3.36 0.00	44.43 2.98 0.00
N.E_GEN_SANDY PD 24062	56.93 2.66 0.00	53.08 2.34 0.00	47.94 2.20 0.00	47.01 2.20 0.00	45.59 2.03 -1.22	47.72 2.17 -1.22	50.28 2.25 -3.06	55.79 2.15 -12.99	54.73 2.54 -5.20	54.90 2.71 -1.87	51.90 2.28 0.00	50.15 2.11 0.00	49.75 2.14 0.00	48.26 2.17 0.00	49.70 2.19 0.00	50.54 2.18 0.00	54.07 2.48 0.00	59.09 3.01 -1.37	54.36 2.64 0.00	52.40 2.59 0.00	50.28 2.44 0.00	47.70 2.31 0.00	44.53 2.00 0.00	43.19 1.74 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	56.93 2.66 0.00	53.13 2.38 0.00	47.84 2.10 0.00	46.92 2.11 0.00	44.24 1.91 0.00	46.37 2.04 0.00	47.22 2.25 0.00	42.84 2.20 0.00	49.62 2.63 0.00	53.13 2.82 0.00	52.39 2.78 0.00	50.68 2.64 0.00	50.18 2.57 0.00	48.63 2.54 0.00	50.13 2.61 0.00	51.03 2.66 0.00	54.54 2.94 0.00	57.88 3.17 0.00	54.72 3.00 0.00	52.80 2.99 0.00	50.67 2.82 0.00	47.93 2.54 0.00	44.74 2.21 0.00	43.44 1.99 0.00
N.QUEENS_27_KV_LOAD 356247	57.20 2.93 0.00	53.38 2.64 0.00	48.26 2.52 0.00	47.28 2.46 0.00	44.49 2.16 0.00	46.59 2.26 0.00	47.49 2.52 0.00	43.21 2.56 0.00	50.09 3.10 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.16 3.12 0.00	50.70 3.09 0.00	49.09 3.00 0.00	50.60 3.09 0.00	51.51 3.14 0.00	55.00 3.41 0.00	58.37 3.67 0.00	55.19 3.47 0.00	53.30 3.49 0.00	51.14 3.30 0.00	48.38 3.00 0.00	45.25 2.72 0.00	44.02 2.57 0.00
N.TROY___115KV_TB1 355778	56.71 2.44 0.00	52.82 2.08 0.00	47.66 1.92 0.00	46.74 1.93 0.00	44.16 1.82 0.00	46.28 1.95 0.00	47.04 2.07 0.00	42.52 1.87 0.00	49.20 2.21 0.00	52.73 2.41 0.00	51.65 2.03 0.00	49.96 1.92 0.00	49.51 1.90 0.00	47.98 1.89 0.00	49.41 1.90 0.00	50.25 1.89 0.00	53.61 2.01 0.00	57.23 2.52 0.00	53.94 2.22 0.00	52.00 2.19 0.00	49.90 2.06 0.00	47.25 1.86 0.00	44.14 1.62 0.00	42.94 1.49 0.00
NARROWS_GT1_1 24228	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT1_2 24229	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT1_3 24230	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT1_4 24231	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26

NARROWS_GT1_5 24232	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT1_6 24233	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT1_7 24234	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT1_8 24235	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT2_1 24236	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT2_2 24237	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT2_3 24238	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT2_4 24239	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT2_5 24240	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT2_6 24241	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT2_7 24242	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NARROWS_GT2_8 24243	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	57.69 3.42 0.00	53.74 2.99 0.00	48.44 2.70 0.00	47.41 2.60 0.00	44.75 2.41 0.00	46.95 2.62 0.00	47.76 2.79 0.00	43.05 2.40 0.00	49.81 2.82 0.00	53.33 3.02 0.00	52.44 2.83 0.00	50.73 2.69 0.00	50.13 2.52 0.00	48.49 2.40 0.00	49.98 2.47 0.00	50.83 2.47 0.00	54.38 2.79 0.00	57.88 3.17 0.00	54.51 2.79 0.00	52.55 2.74 0.00	50.52 2.68 0.00	47.84 2.45 0.00	44.70 2.17 0.00	43.60 2.16 0.00
NCHELSEA_115KV_TR2 355582	57.64 3.36 0.00	53.84 3.10 0.00	48.44 2.70 0.00	47.45 2.64 0.00	44.75 2.41 0.00	46.95 2.62 0.00	47.80 2.83 0.00	43.29 2.64 0.00	50.14 3.15 0.00	53.68 3.37 0.00	52.99 3.37 0.00	51.31 3.27 0.00	50.70 3.09 0.00	49.09 3.00 0.00	50.60 3.09 0.00	51.56 3.19 0.00	55.21 3.61 0.00	58.54 3.83 0.00	55.29 3.57 0.00	53.40 3.59 0.00	51.24 3.40 0.00	48.43 3.04 0.00	45.21 2.68 0.00	43.94 2.49 0.00
NEG CAPITAL___MECHNVIL 23645	57.20 2.93 0.00	53.28 2.54 0.00	48.03 2.29 0.00	47.01 2.20 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.31 2.34 0.00	42.72 2.07 0.00	49.48 2.49 0.00	53.03 2.71 0.00	52.19 2.58 0.00	50.44 2.40 0.00	49.99 2.38 0.00	48.35 2.26 0.00	49.84 2.33 0.00	50.73 2.37 0.00	54.23 2.63 0.00	57.83 3.12 0.00	54.51 2.79 0.00	52.40 2.59 0.00	50.28 2.44 0.00	47.61 2.22 0.00	44.48 1.96 0.00	43.15 1.70 0.00



NEG CENTRAL_HIGH_ACRES 23767	50.53 -3.74 0.00	47.24 -3.50 0.00	42.54 -3.20 0.00	41.63 -3.18 0.00	39.37 -2.96 0.00	41.36 -2.97 0.00	41.87 -3.10 0.00	37.44 -3.21 0.00	43.32 -3.67 0.00	46.34 -3.98 0.00	46.04 -3.57 0.00	44.58 -3.46 0.00	44.18 -3.43 0.00	42.64 -3.46 0.00	43.90 -3.61 0.00	44.98 -3.39 0.00	47.78 -3.82 0.00	50.93 -3.77 0.00	48.00 -3.72 0.00	46.32 -3.49 0.00	44.54 -3.30 0.00	42.30 -3.09 0.00	39.93 -2.60 0.00	38.88 -2.57 0.00
NEG CENTRAL___DRP 24199	52.75 -1.52 0.00	49.22 -1.52 0.00	44.46 -1.28 0.00	43.47 -1.34 0.00	41.11 -1.23 0.00	43.14 -1.20 0.00	43.76 -1.21 0.00	39.35 -1.30 0.00	45.44 -1.55 0.00	48.40 -1.91 0.00	48.13 -1.49 0.00	46.65 -1.39 0.00	46.23 -1.38 0.00	44.67 -1.43 0.00	46.04 -1.47 0.00	47.16 -1.21 0.00	50.20 -1.39 0.00	53.29 -1.42 0.00	50.43 -1.29 0.00	48.47 -1.34 0.00	46.65 -1.20 0.00	44.34 -1.04 0.00	41.51 -1.02 0.00	40.54 -0.91 0.00
NEG CENTRAL___INDECK 23768	52.75 -1.52 0.00	49.27 -1.47 0.00	44.32 -1.42 0.00	43.33 -1.48 0.00	40.98 -1.36 0.00	43.09 -1.24 0.00	43.58 -1.39 0.00	38.82 -1.83 0.00	44.78 -2.21 0.00	47.59 -2.72 0.00	47.33 -2.28 0.00	45.93 -2.11 0.00	45.47 -2.14 0.00	43.88 -2.21 0.00	45.28 -2.23 0.00	46.67 -1.69 0.00	49.74 -1.86 0.00	53.34 -1.37 0.00	50.17 -1.55 0.00	48.47 -1.34 0.00	46.55 -1.29 0.00	44.25 -1.13 0.00	41.76 -0.76 0.00	40.70 -0.74 0.00
NEG CENTRAL___SENECA 23627	52.59 -1.68 0.00	49.07 -1.67 0.00	44.37 -1.37 0.00	43.38 -1.43 0.00	41.02 -1.31 0.00	43.09 -1.24 0.00	43.62 -1.35 0.00	39.10 -1.54 0.00	45.16 -1.83 0.00	47.95 -2.36 0.00	47.83 -1.79 0.00	46.41 -1.63 0.00	46.04 -1.57 0.00	44.43 -1.66 0.00	45.85 -1.66 0.00	47.01 -1.35 0.00	49.94 -1.65 0.00	53.01 -1.70 0.00	50.22 -1.50 0.00	48.27 -1.54 0.00	46.55 -1.29 0.00	44.30 -1.09 0.00	41.42 -1.11 0.00	40.54 -0.91 0.00
NEG CENTRAL___STATE_STREET 24147	53.30 -0.98 0.00	49.73 -1.01 0.00	44.83 -0.91 0.00	43.87 -0.94 0.00	41.45 -0.89 0.00	43.53 -0.80 0.00	44.16 -0.81 0.00	39.84 -0.81 0.00	46.05 -0.94 0.00	49.20 -1.11 0.00	48.77 -0.84 0.00	47.22 -0.82 0.00	46.80 -0.81 0.00	45.22 -0.88 0.00	46.61 -0.90 0.00	47.64 -0.73 0.00	50.82 -0.77 0.00	53.94 -0.77 0.00	51.05 -0.67 0.00	49.11 -0.70 0.00	47.13 -0.72 0.00	44.80 -0.59 0.00	41.85 -0.68 0.00	40.79 -0.66 0.00
NEG MILLWOOD___DRP 24198	57.91 3.64 0.00	54.04 3.30 0.00	48.67 2.93 0.00	47.63 2.82 0.00	44.92 2.58 0.00	47.13 2.79 0.00	47.89 2.92 0.00	43.45 2.80 0.00	50.33 3.34 0.00	53.88 3.57 0.00	53.24 3.62 0.00	51.55 3.51 0.00	50.89 3.29 0.00	49.27 3.18 0.00	50.89 3.37 0.00	51.80 3.43 0.00	55.41 3.82 0.00	58.81 4.10 0.00	55.65 3.93 0.00	53.65 3.84 0.00	51.48 3.64 0.00	48.61 3.22 0.00	45.42 2.89 0.00	44.06 2.61 0.00
NEG NORTH_FLCN_SEA 23793	56.33 2.06 0.00	52.77 2.03 0.00	47.57 1.83 0.00	46.69 1.88 0.00	44.03 1.69 0.00	46.02 1.68 0.00	45.87 0.90 0.00	41.42 0.77 0.00	47.79 0.80 0.00	51.32 1.01 0.00	50.81 1.19 0.00	49.19 1.15 0.00	48.75 1.14 0.00	47.34 1.24 0.00	48.56 1.05 0.00	49.28 0.92 0.00	52.42 0.83 0.00	55.42 0.71 0.00	52.29 0.57 0.00	50.31 0.50 0.00	48.42 0.57 0.00	45.98 0.59 0.00	43.21 0.68 0.00	42.73 1.28 0.00
NEG NORTH_KES_CHATEGAY 23792	55.63 1.36 0.00	52.17 1.42 0.00	47.02 1.28 0.00	46.11 1.30 0.00	43.48 1.14 0.00	45.44 1.11 0.00	45.65 0.67 0.00	41.26 0.61 0.00	47.60 0.61 0.00	51.07 0.75 0.00	50.51 0.89 0.00	48.90 0.86 0.00	48.51 0.90 0.00	47.06 0.97 0.00	48.32 0.81 0.00	49.09 0.73 0.00	52.21 0.62 0.00	55.20 0.49 0.00	52.13 0.41 0.00	50.16 0.35 0.00	48.23 0.38 0.00	45.79 0.41 0.00	43.04 0.51 0.00	42.28 0.83 0.00
NEG NORTH___ALICE_FALLS 23915	56.55 2.28 0.00	52.98 2.23 0.00	47.75 2.01 0.00	46.87 2.06 0.00	44.20 1.86 0.00	46.19 1.86 0.00	46.14 1.17 0.00	41.67 1.02 0.00	48.12 1.13 0.00	51.67 1.36 0.00	51.20 1.59 0.00	49.58 1.54 0.00	49.13 1.52 0.00	47.71 1.61 0.00	48.94 1.43 0.00	49.67 1.31 0.00	52.83 1.24 0.00	55.86 1.15 0.00	52.70 0.98 0.00	50.71 0.90 0.00	48.80 0.96 0.00	46.34 0.95 0.00	43.55 1.02 0.00	42.90 1.45 0.00
NEG NORTH___LWR_SARANAC 23913	56.55 2.28 0.00	52.98 2.23 0.00	47.75 2.01 0.00	46.87 2.06 0.00	44.20 1.86 0.00	46.19 1.86 0.00	46.14 1.17 0.00	41.67 1.02 0.00	48.12 1.13 0.00	51.67 1.36 0.00	51.20 1.59 0.00	49.58 1.54 0.00	49.13 1.52 0.00	47.71 1.61 0.00	48.94 1.43 0.00	49.67 1.31 0.00	52.83 1.24 0.00	55.86 1.15 0.00	52.70 0.98 0.00	50.71 0.90 0.00	48.80 0.96 0.00	46.34 0.95 0.00	43.55 1.02 0.00	42.90 1.45 0.00
NEG NORTH___PLATTSBURG 23628	56.55 2.28 0.00	52.97 2.23 0.00	47.71 1.97 0.00	46.87 2.06 0.00	44.20 1.86 0.00	46.19 1.86 0.00	46.14 1.17 0.00	41.67 1.02 0.00	48.12 1.13 0.00	51.67 1.36 0.00	51.20 1.59 0.00	49.58 1.54 0.00	49.13 1.52 0.00	47.71 1.61 0.00	48.94 1.42 0.00	49.67 1.31 0.00	52.83 1.24 0.00	55.70 0.99 0.00	52.70 0.98 0.00	50.71 0.90 0.00	48.80 0.96 0.00	46.34 0.95 0.00	43.38 0.85 0.00	42.90 1.45 0.00
NEG WEST_LEA_LOCKPORT 23791	48.90 -5.37 0.00	45.67 -5.07 0.00	41.12 -4.62 0.00	40.11 -4.71 0.00	38.10 -4.23 0.00	39.94 -4.39 0.00	40.02 -4.95 0.00	35.45 -5.20 0.00	40.88 -6.11 0.00	43.62 -6.69 0.00	43.46 -6.15 0.00	42.23 -5.81 0.00	41.90 -5.71 0.00	40.52 -5.58 0.00	41.57 -5.94 0.00	42.85 -5.51 0.00	45.87 -5.73 0.00	48.31 -6.40 0.00	45.98 -5.74 0.00	44.13 -5.68 0.00	42.44 -5.41 0.00	40.62 -4.77 0.00	38.49 -4.04 0.00	38.01 -3.44 0.00
NEG WEST___LANCASTR 23811	50.85 -3.42 0.00	47.50 -3.25 0.00	42.72 -3.02 0.00	41.72 -3.09 0.00	39.58 -2.75 0.00	41.45 -2.88 0.00	41.64 -3.33 0.00	36.79 -3.86 0.00	42.43 -4.56 0.00	45.28 -5.03 0.00	45.10 -4.52 0.00	43.86 -4.18 0.00	43.52 -4.09 0.00	42.08 -4.01 0.00	43.24 -4.28 0.00	44.54 -3.82 0.00	47.57 -4.02 0.00	50.17 -4.54 0.00	47.63 -4.09 0.00	45.88 -3.94 0.00	44.06 -3.78 0.00	42.03 -3.36 0.00	39.72 -2.81 0.00	39.38 -2.07 0.00
NEG_PENN_ALLEGHNY 23528	53.73 -0.54 0.00	50.14 -0.61 0.00	45.19 -0.55 0.00	44.23 -0.58 0.00	41.78 -0.55 0.00	43.80 -0.53 0.00	44.48 -0.49 0.00	39.96 -0.69 0.00	46.19 -0.80 0.00	49.41 -0.90 0.00	48.87 -0.74 0.00	47.41 -0.63 0.00	46.94 -0.67 0.00	45.40 -0.69 0.00	46.85 -0.67 0.00	47.83 -0.53 0.00	50.98 -0.62 0.00	54.22 -0.49 0.00	51.10 -0.62 0.00	49.26 -0.55 0.00	47.32 -0.53 0.00	44.89 -0.50 0.00	42.14 -0.38 0.00	41.12 -0.33 0.00
NEG___GEN_MONROE 24207	50.64 -3.64 0.00	47.40 -3.35 0.00	42.68 -3.06 0.00	41.72 -3.09 0.00	39.54 -2.79 0.00	41.63 -2.70 0.00	41.91 -3.06 0.00	37.36 -3.29 0.00	43.23 -3.76 0.00	46.24 -4.08 0.00	46.04 -3.57 0.00	44.58 -3.46 0.00	44.13 -3.48 0.00	42.59 -3.50 0.00	43.81 -3.71 0.00	44.98 -3.39 0.00	48.14 -3.46 0.00	50.99 -3.72 0.00	48.36 -3.36 0.00	46.37 -3.44 0.00	44.49 -3.35 0.00	42.44 -2.95 0.00	39.89 -2.64 0.00	39.17 -2.28 0.00

NEPA__ENERGY 23901	49.93 -4.34 0.00	46.58 -4.16 0.00	41.90 -3.84 0.00	40.87 -3.94 0.00	38.82 -3.51 0.00	40.65 -3.68 0.00	40.79 -4.18 0.00	36.18 -4.47 0.00	41.73 -5.26 0.00	44.58 -5.74 0.00	44.41 -5.21 0.00	43.23 -4.80 0.00	42.90 -4.71 0.00	41.44 -4.66 0.00	42.57 -4.94 0.00	44.01 -4.35 0.00	47.11 -4.49 0.00	49.62 -5.09 0.00	47.12 -4.60 0.00	45.33 -4.48 0.00	43.59 -4.26 0.00	41.62 -3.77 0.00	39.42 -3.10 0.00	38.92 -2.53 0.00
NEVERSink__HYD 23608	57.53 3.26 0.00	53.74 2.99 0.00	48.39 2.65 0.00	47.32 2.51 0.00	44.58 2.24 0.00	46.81 2.48 0.00	47.67 2.70 0.00	43.17 2.52 0.00	50.00 3.01 0.00	53.48 3.17 0.00	52.84 3.22 0.00	51.16 3.12 0.00	50.51 2.90 0.00	48.81 2.72 0.00	50.36 2.85 0.00	51.46 3.10 0.00	55.31 3.72 0.00	58.65 3.94 0.00	55.34 3.62 0.00	53.35 3.54 0.00	51.14 3.30 0.00	48.38 2.99 0.00	45.16 2.64 0.00	43.85 2.40 0.00
NEWKRMKL_115KV_TB1 55635	56.33 2.06 0.00	52.47 1.73 0.00	47.34 1.60 0.00	46.42 1.61 0.00	43.86 1.52 0.00	45.93 1.60 0.00	46.68 1.71 0.00	42.19 1.54 0.00	48.87 1.88 0.00	52.32 2.01 0.00	51.35 1.74 0.00	49.72 1.68 0.00	49.28 1.67 0.00	47.71 1.61 0.00	49.13 1.62 0.00	49.77 1.40 0.00	52.99 1.39 0.00	56.46 1.75 0.00	53.22 1.50 0.00	51.31 1.49 0.00	49.37 1.53 0.00	46.79 1.41 0.00	43.76 1.23 0.00	42.65 1.20 0.00
NEWTON__FALLS_HYD 23847	53.78 -0.49 0.00	50.34 -0.41 0.00	45.33 -0.41 0.00	44.41 -0.40 0.00	41.91 -0.42 0.00	43.71 -0.62 0.00	44.16 -0.81 0.00	40.08 -0.57 0.00	46.14 -0.85 0.00	49.46 -0.86 0.00	48.87 -0.74 0.00	47.32 -0.72 0.00	46.90 -0.71 0.00	45.36 -0.74 0.00	47.04 -0.48 0.00	47.83 -0.53 0.00	51.13 -0.46 0.00	54.05 -0.66 0.00	51.00 -0.72 0.00	49.01 -0.80 0.00	47.08 -0.77 0.00	44.71 -0.68 0.00	42.27 -0.26 0.00	41.28 -0.17 0.00
NGRID_A1_DSASP 323792	48.08 -6.19 0.00	44.96 -5.79 0.00	40.48 -5.26 0.00	39.66 -5.15 0.00	37.55 -4.78 0.00	39.32 -5.01 0.00	39.62 -5.35 0.00	34.88 -5.77 0.00	40.22 -6.77 0.00	42.92 -7.39 0.00	42.72 -6.90 0.00	41.51 -6.53 0.00	41.18 -6.43 0.00	39.83 -6.27 0.00	40.77 -6.75 0.00	41.98 -6.39 0.00	44.27 -7.33 0.00	47.27 -7.44 0.00	44.43 -7.29 0.00	43.29 -6.52 0.00	41.62 -6.22 0.00	39.58 -5.81 0.00	38.10 -4.42 0.00	37.39 -4.06 0.00
NGRID_A2_DSASP 323793	48.08 -6.19 0.00	44.96 -5.79 0.00	40.48 -5.26 0.00	39.66 -5.15 0.00	37.55 -4.78 0.00	39.32 -5.01 0.00	39.62 -5.35 0.00	34.88 -5.77 0.00	40.22 -6.77 0.00	42.92 -7.39 0.00	42.72 -6.90 0.00	41.51 -6.53 0.00	41.18 -6.43 0.00	39.83 -6.27 0.00	40.77 -6.75 0.00	41.98 -6.39 0.00	44.27 -7.33 0.00	47.27 -7.44 0.00	44.43 -7.29 0.00	43.29 -6.52 0.00	41.62 -6.22 0.00	39.58 -5.81 0.00	38.10 -4.42 0.00	37.39 -4.06 0.00
NGRID_A4_DSASP 323807	48.08 -6.19 0.00	44.96 -5.79 0.00	40.48 -5.26 0.00	39.66 -5.15 0.00	37.55 -4.78 0.00	39.32 -5.01 0.00	39.62 -5.35 0.00	34.88 -5.77 0.00	40.22 -6.77 0.00	42.92 -7.39 0.00	42.72 -6.90 0.00	41.51 -6.53 0.00	41.18 -6.43 0.00	39.83 -6.27 0.00	40.77 -6.75 0.00	41.98 -6.39 0.00	44.27 -7.33 0.00	47.27 -7.44 0.00	44.43 -7.29 0.00	43.29 -6.52 0.00	41.62 -6.22 0.00	39.58 -5.81 0.00	38.10 -4.42 0.00	37.39 -4.06 0.00
NIAGARA_115E_LBMP 323715	47.98 -6.29 0.00	44.86 -5.89 0.00	40.34 -5.40 0.00	39.52 -5.29 0.00	37.43 -4.91 0.00	39.24 -5.10 0.00	39.53 -5.44 0.00	34.75 -5.89 0.00	40.08 -6.91 0.00	42.76 -7.55 0.00	42.62 -6.99 0.00	41.41 -6.63 0.00	41.04 -6.57 0.00	39.73 -6.36 0.00	40.67 -6.84 0.00	41.89 -6.48 0.00	44.22 -7.38 0.00	47.22 -7.49 0.00	44.38 -7.34 0.00	43.24 -6.58 0.00	41.58 -6.27 0.00	39.49 -5.90 0.00	38.02 -4.51 0.00	37.30 -4.14 0.00
NIAGARA_115W_LBMP 323714	48.03 -6.24 0.00	44.86 -5.89 0.00	40.39 -5.35 0.00	39.57 -5.24 0.00	37.47 -4.87 0.00	39.28 -5.06 0.00	39.57 -5.40 0.00	34.80 -5.85 0.00	40.13 -6.86 0.00	42.81 -7.50 0.00	42.67 -6.95 0.00	41.46 -6.58 0.00	41.09 -6.52 0.00	39.78 -6.31 0.00	40.72 -6.80 0.00	41.89 -6.48 0.00	44.17 -7.43 0.00	47.16 -7.55 0.00	44.38 -7.34 0.00	43.19 -6.62 0.00	41.58 -6.27 0.00	39.49 -5.90 0.00	38.02 -4.51 0.00	37.30 -4.14 0.00
NIAGARA_230_LBMP 323716	48.57 -5.70 0.00	45.36 -5.38 0.00	40.85 -4.89 0.00	40.02 -4.79 0.00	37.89 -4.44 0.00	39.72 -4.61 0.00	40.02 -4.95 0.00	35.24 -5.41 0.00	40.65 -6.34 0.00	43.37 -6.94 0.00	43.17 -6.45 0.00	41.94 -6.10 0.00	41.56 -6.05 0.00	40.24 -5.85 0.00	41.19 -6.32 0.00	42.37 -6.00 0.00	44.73 -6.86 0.00	47.76 -6.95 0.00	44.95 -6.77 0.00	43.73 -6.08 0.00	42.05 -5.79 0.00	39.94 -5.45 0.00	38.40 -4.12 0.00	37.72 -3.73 0.00
NIAGARA__115KV_198_GIBSON 55903	48.03 -6.24 0.00	44.86 -5.89 0.00	40.39 -5.35 0.00	39.43 -5.38 0.00	37.47 -4.87 0.00	39.28 -5.05 0.00	39.30 -5.67 0.00	34.80 -5.85 0.00	40.13 -6.86 0.00	42.81 -7.50 0.00	42.67 -6.95 0.00	41.46 -6.58 0.00	41.09 -6.52 0.00	39.78 -6.31 0.00	40.77 -6.75 0.00	41.98 -6.38 0.00	44.94 -6.66 0.00	47.21 -7.50 0.00	45.00 -6.72 0.00	43.24 -6.58 0.00	41.58 -6.27 0.00	39.80 -5.58 0.00	37.76 -4.76 0.00	37.35 -4.10 0.00
NIAGARA____ 23760	48.57 -5.70 0.00	45.36 -5.38 0.00	40.85 -4.89 0.00	40.02 -4.79 0.00	37.89 -4.44 0.00	39.72 -4.61 0.00	40.02 -4.95 0.00	35.24 -5.41 0.00	40.65 -6.34 0.00	43.37 -6.94 0.00	43.17 -6.45 0.00	41.94 -6.10 0.00	41.56 -6.05 0.00	40.24 -5.85 0.00	41.19 -6.32 0.00	42.37 -6.00 0.00	44.73 -6.86 0.00	47.76 -6.95 0.00	44.95 -6.77 0.00	43.73 -6.08 0.00	42.05 -5.79 0.00	39.94 -5.45 0.00	38.40 -4.12 0.00	37.72 -3.73 0.00
NINE_MILE_1 23575	51.89 -2.39 0.00	48.46 -2.28 0.00	43.68 -2.06 0.00	42.79 -2.02 0.00	40.43 -1.90 0.00	42.38 -1.95 0.00	42.99 -1.98 0.00	38.82 -1.83 0.00	44.88 -2.11 0.00	48.00 -2.31 0.00	47.43 -2.18 0.00	45.93 -2.11 0.00	45.52 -2.09 0.00	44.02 -2.07 0.00	45.38 -2.14 0.00	46.29 -2.08 0.00	49.33 -2.27 0.00	52.41 -2.30 0.00	49.45 -2.27 0.00	47.67 -2.14 0.00	45.79 -2.06 0.00	43.44 -1.95 0.00	40.74 -1.78 0.00	39.71 -1.74 0.00
NINE_MILE_2 23744	51.89 -2.39 0.00	48.46 -2.28 0.00	43.68 -2.06 0.00	42.79 -2.02 0.00	40.43 -1.90 0.00	42.38 -1.95 0.00	43.04 -1.93 0.00	38.82 -1.83 0.00	44.88 -2.11 0.00	48.00 -2.31 0.00	47.43 -2.18 0.00	45.93 -2.11 0.00	45.52 -2.09 0.00	44.02 -2.07 0.00	45.38 -2.14 0.00	46.29 -2.08 0.00	49.33 -2.27 0.00	52.41 -2.30 0.00	49.45 -2.27 0.00	47.67 -2.14 0.00	45.79 -2.06 0.00	43.44 -1.95 0.00	40.74 -1.78 0.00	39.71 -1.74 0.00
NM_CAPITAL__DRP 24208	56.33 2.06 0.00	52.52 1.78 0.00	47.39 1.65 0.00	46.47 1.66 0.00	43.90 1.57 0.00	46.02 1.68 0.00	46.77 1.80 0.00	42.23 1.59 0.00	48.92 1.93 0.00	52.37 2.06 0.00	51.30 1.69 0.00	49.67 1.63 0.00	49.23 1.62 0.00	47.71 1.61 0.00	49.13 1.62 0.00	49.82 1.45 0.00	53.04 1.44 0.00	56.51 1.81 0.00	53.32 1.60 0.00	51.41 1.59 0.00	49.42 1.58 0.00	46.84 1.45 0.00	43.80 1.28 0.00	42.65 1.20 0.00

NM_CENTRAL___DRP 24181	52.75 -1.52 0.00	49.22 -1.52 0.00	44.46 -1.28 0.00	43.51 -1.30 0.00	41.11 -1.23 0.00	43.14 -1.20 0.00	43.76 -1.21 0.00	39.51 -1.14 0.00	45.63 -1.36 0.00	48.85 -1.46 0.00	48.28 -1.34 0.00	46.79 -1.25 0.00	46.37 -1.24 0.00	44.80 -1.29 0.00	46.23 -1.28 0.00	47.16 -1.21 0.00	50.31 -1.29 0.00	53.40 -1.31 0.00	50.48 -1.24 0.00	48.57 -1.25 0.00	46.65 -1.20 0.00	44.30 -1.09 0.00	41.46 -1.06 0.00	40.37 -1.08 0.00
NM_FRONTIER___DRP 24179	48.03 -6.24 0.00	44.86 -5.89 0.00	40.39 -5.35 0.00	39.43 -5.38 0.00	37.47 -4.87 0.00	39.28 -5.05 0.00	39.30 -5.67 0.00	34.80 -5.85 0.00	40.13 -6.86 0.00	42.81 -7.50 0.00	42.67 -6.95 0.00	41.46 -6.58 0.00	41.09 -6.52 0.00	39.78 -6.31 0.00	40.77 -6.75 0.00	41.98 -6.38 0.00	44.94 -6.66 0.00	47.21 -7.50 0.00	45.00 -6.72 0.00	43.24 -6.58 0.00	41.58 -6.27 0.00	39.80 -5.58 0.00	37.76 -4.76 0.00	37.35 -4.10 0.00
NM_ST_REGIS___HYD 24053	54.92 0.65 0.00	51.45 0.71 0.00	46.38 0.64 0.00	45.53 0.72 0.00	42.89 0.55 0.00	44.73 0.40 0.00	44.84 -0.13 0.00	40.73 0.08 0.00	46.80 -0.19 0.00	50.26 -0.05 0.00	49.77 0.15 0.00	48.18 0.14 0.00	47.75 0.14 0.00	46.32 0.23 0.00	47.66 0.14 0.00	48.37 0.00 0.00	51.54 -0.05 0.00	54.49 -0.22 0.00	51.41 -0.31 0.00	49.46 -0.35 0.00	47.60 -0.24 0.00	45.20 -0.18 0.00	42.87 0.34 0.00	42.07 0.62 0.00
NORTHPORT___1 23551	58.56 4.29 0.00	54.50 3.76 0.00	49.63 3.89 0.00	48.40 3.59 0.00	45.81 3.47 0.00	47.97 3.64 0.00	48.79 3.82 0.00	44.72 4.06 -0.01	53.12 4.70 -1.43	61.95 4.73 -6.91	55.30 4.62 -1.07	55.26 4.47 -2.75	55.34 4.38 -3.35	54.26 4.19 -3.97	56.29 4.42 -4.35	54.87 4.74 -1.76	56.76 5.16 -0.01	60.23 5.52 0.00	57.00 5.28 0.00	55.36 4.93 -0.62	53.54 4.59 -1.10	50.45 4.40 -0.66	46.31 3.78 0.00	44.77 3.32 0.00
NORTHPORT___2 23552	58.56 4.29 0.00	54.50 3.76 0.00	49.63 3.89 0.00	48.40 3.59 0.00	45.81 3.47 0.00	47.97 3.64 0.00	48.79 3.82 0.00	44.72 4.06 -0.01	53.12 4.70 -1.43	61.95 4.73 -6.91	55.30 4.62 -1.07	55.26 4.47 -2.75	55.34 4.38 -3.35	54.26 4.19 -3.97	56.29 4.42 -4.35	54.87 4.74 -1.76	56.76 5.16 -0.01	60.23 5.52 0.00	57.00 5.28 0.00	55.36 4.93 -0.62	53.54 4.59 -1.10	50.45 4.40 -0.66	46.31 3.78 0.00	44.77 3.32 0.00
NORTHPORT___3 23553	57.69 3.42 0.00	53.69 2.94 0.00	48.76 3.02 0.00	47.64 2.82 0.00	45.00 2.67 0.00	47.08 2.75 0.00	47.98 3.01 0.00	43.83 3.17 -0.01	52.19 3.76 -1.44	61.15 3.87 -6.97	54.42 3.72 -1.08	54.42 3.60 -2.78	54.42 3.43 -3.38	53.56 3.46 -4.01	55.37 3.47 -4.39	53.96 3.82 -1.78	55.58 3.97 -0.01	58.76 4.05 0.00	55.76 4.04 0.00	54.42 3.99 -0.62	52.79 3.83 -1.11	49.64 3.58 -0.67	45.63 3.10 0.00	44.10 2.66 0.00
NORTHPORT___4 23650	57.69 3.42 0.00	53.69 2.94 0.00	48.76 3.02 0.00	47.64 2.82 0.00	45.00 2.67 0.00	47.08 2.75 0.00	47.98 3.01 0.00	43.83 3.17 -0.01	52.19 3.76 -1.44	61.15 3.87 -6.97	54.42 3.72 -1.08	54.42 3.60 -2.78	54.42 3.43 -3.38	53.56 3.46 -4.01	55.37 3.47 -4.39	53.96 3.82 -1.78	55.58 3.97 -0.01	58.76 4.05 0.00	55.76 4.04 0.00	54.42 3.99 -0.62	52.79 3.83 -1.11	49.64 3.58 -0.67	45.63 3.10 0.00	44.10 2.66 0.00
NORTHPORT___IC 23718	58.56 4.29 0.00	54.50 3.76 0.00	49.31 3.57 0.00	48.62 3.81 0.00	45.93 3.60 0.00	47.97 3.64 0.00	49.06 4.09 0.00	44.72 4.06 -0.01	53.12 4.70 -1.43	61.95 4.73 -6.91	55.30 4.61 -1.07	55.26 4.47 -2.75	55.24 4.28 -3.35	54.26 4.19 -3.97	56.29 4.42 -4.35	54.87 4.74 -1.76	56.66 5.06 -0.01	59.96 5.25 0.00	56.84 5.12 0.00	55.36 4.93 -0.62	53.54 4.59 -1.10	50.36 4.31 -0.66	46.27 3.74 0.00	44.77 3.32 0.00
NORTH___COUNTRY_ESR 323785	55.46 1.19 0.00	52.01 1.27 0.00	46.79 1.05 0.00	45.93 1.12 0.00	43.39 1.06 0.00	45.31 0.97 0.00	45.51 0.54 0.00	41.14 0.49 0.00	47.46 0.47 0.00	50.92 0.61 0.00	50.36 0.75 0.00	48.76 0.72 0.00	48.32 0.72 0.00	46.92 0.83 0.00	48.18 0.66 0.00	48.95 0.58 0.00	52.06 0.46 0.00	54.82 0.11 0.00	51.93 0.21 0.00	49.96 0.15 0.00	48.04 0.19 0.00	45.61 0.23 0.00	42.78 0.26 0.00	42.11 0.66 0.00
NPX_GEN_1385_PROXY 323591	58.62 4.34 0.00	54.55 3.81 0.00	50.27 4.53 0.00	48.75 3.94 0.00	46.40 4.06 0.00	48.90 4.57 0.00	49.47 4.50 0.00	52.80 5.16 -6.99	54.10 5.68 -1.43	62.30 5.08 -6.91	55.25 4.56 -1.07	54.87 4.08 -2.75	55.25 4.29 -3.35	53.89 3.82 -3.97	55.90 4.04 -4.35	54.92 4.79 -1.76	56.81 5.21 -0.01	60.29 5.58 0.00	57.41 5.69 0.00	55.41 4.98 -0.62	53.59 4.64 -1.10	50.77 4.72 -0.66	46.36 3.83 0.00	44.81 3.36 0.00
NPX_GEN_CSC 323557	59.59 5.32 0.00	55.41 4.67 0.00	50.36 4.62 0.00	49.20 4.39 0.00	46.49 4.15 0.00	48.59 4.26 0.00	49.56 4.59 0.00	45.33 4.67 -0.01	53.98 5.54 -1.44	62.99 5.68 -6.99	56.50 5.80 -1.08	56.54 5.71 -2.79	56.15 5.14 -3.40	55.10 4.98 -4.02	57.62 5.70 -4.41	56.10 5.95 -1.78	58.05 6.45 -0.01	61.66 6.95 0.00	58.13 6.41 0.00	56.41 5.97 -0.62	54.41 5.45 -1.12	51.19 5.13 -0.67	46.99 4.46 0.00	45.43 3.98 0.00
NSINS_S___GLNS_FALLS 23858	56.77 2.50 0.00	52.77 2.03 0.00	47.52 1.78 0.00	46.51 1.70 0.00	43.99 1.65 0.00	45.97 1.64 0.00	46.82 1.84 0.00	42.23 1.59 0.00	48.87 1.88 0.00	52.52 2.21 0.00	51.75 2.13 0.00	50.06 2.02 0.00	49.56 1.95 0.00	47.85 1.75 0.00	49.37 1.85 0.00	50.20 1.84 0.00	53.66 2.06 0.00	57.17 2.46 0.00	53.94 2.22 0.00	51.80 1.99 0.00	49.71 1.87 0.00	46.93 1.54 0.00	43.80 1.28 0.00	42.53 1.08 0.00
NUCOR_STEEL___DRP 24197	53.35 -0.92 0.00	49.78 -0.96 0.00	44.87 -0.87 0.00	43.91 -0.90 0.00	41.49 -0.85 0.00	43.53 -0.80 0.00	44.16 -0.81 0.00	39.88 -0.77 0.00	46.05 -0.94 0.00	49.25 -1.06 0.00	48.77 -0.84 0.00	47.27 -0.77 0.00	46.80 -0.81 0.00	45.22 -0.88 0.00	46.66 -0.86 0.00	47.69 -0.68 0.00	50.87 -0.72 0.00	53.94 -0.77 0.00	51.05 -0.67 0.00	49.06 -0.75 0.00	47.13 -0.72 0.00	44.80 -0.59 0.00	41.89 -0.64 0.00	40.83 -0.62 0.00
NUMBER_THREE_WT_PWR 323818	53.95 -0.32 0.00	50.39 -0.35 0.00	45.42 -0.32 0.00	44.45 -0.36 0.00	42.00 -0.34 0.00	43.89 -0.44 0.00	44.66 -0.31 0.00	40.41 -0.24 0.00	46.66 -0.33 0.00	50.01 -0.30 0.00	49.32 -0.30 0.00	47.70 -0.33 0.00	47.28 -0.33 0.00	45.68 -0.42 0.00	47.70 0.19 0.00	48.61 0.24 0.00	52.06 0.46 0.00	55.09 0.39 0.00	51.88 0.16 0.00	49.91 0.10 0.00	47.89 0.05 0.00	45.43 0.05 0.00	42.61 0.09 0.00	41.53 0.08 0.00
NYISO_LBMP_REFERENCE 24008	54.27 0.00 0.00	50.74 0.00 0.00	45.74 0.00 0.00	44.81 0.00 0.00	42.34 0.00 0.00	44.33 0.00 0.00	44.97 0.00 0.00	40.65 0.00 0.00	46.99 0.00 0.00	50.31 0.00 0.00	49.62 0.00 0.00	48.04 0.00 0.00	47.61 0.00 0.00	46.09 0.00 0.00	47.51 0.00 0.00	48.37 0.00 0.00	51.60 0.00 0.00	54.71 0.00 0.00	51.72 0.00 0.00	49.81 0.00 0.00	47.84 0.00 0.00	45.39 0.00 0.00	42.53 0.00 0.00	41.45 0.00 0.00

NYPA_BRENTWD____GT 24164	59.10 4.83 0.00	54.95 4.21 0.00	50.00 4.25 0.00	48.80 3.99 0.00	46.15 3.81 0.00	48.28 3.94 0.00	49.15 4.18 0.00	45.01 4.35 -0.01	53.53 5.08 -1.46	62.58 5.18 -7.09	55.88 5.16 -1.10	55.91 5.04 -2.83	55.97 4.90 -3.45	54.93 4.75 -4.09	57.02 5.03 -4.47	55.50 5.32 -1.81	57.43 5.83 -0.01	60.94 6.23 0.00	57.61 5.89 0.00	55.97 5.53 -0.63	54.10 5.12 -1.13	50.88 4.81 -0.68	46.74 4.21 0.00	45.14 3.69 0.00
NYPA_GOWANUS____GT5 24156	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NYPA_GOWANUS____GT6 24157	57.64 3.37 0.00	55.23 3.15 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.20 2.88 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.52 3.55 -4.92	56.51 3.47 -5.43	56.45 3.36 -7.00	56.51 3.52 -5.48	56.52 3.63 -4.52	56.54 4.08 -0.87	59.19 4.43 -0.06	56.79 4.14 -0.93	56.53 3.99 -2.73	56.76 3.73 -5.18	56.74 3.45 -7.91	56.39 3.06 -10.80	54.49 2.78 -10.26
NYPA_HARLEM__RVR__GT1 24160	57.15 2.87 0.00	53.33 2.59 0.00	48.25 2.51 0.00	47.18 2.37 0.00	44.41 2.07 0.00	46.54 2.22 0.01	47.39 2.43 0.01	43.12 2.48 0.01	49.99 3.01 0.01	53.42 3.12 0.01	52.74 3.13 0.01	51.11 3.08 0.01	50.60 3.00 0.01	48.99 2.91 0.01	50.55 3.04 0.01	51.46 3.10 0.01	55.10 3.51 0.01	58.53 3.83 0.01	55.28 3.57 0.01	53.24 3.43 0.01	51.09 3.25 0.01	48.37 2.99 0.01	45.21 2.68 0.00	43.94 2.49 0.00
NYPA_HARLEM__RVR__GT2 24161	57.15 2.87 0.00	53.33 2.59 0.00	48.25 2.51 0.00	47.18 2.37 0.00	44.41 2.07 0.00	46.54 2.22 0.01	47.39 2.43 0.01	43.12 2.48 0.01	49.99 3.01 0.01	53.42 3.12 0.01	52.74 3.13 0.01	51.11 3.08 0.01	50.60 3.00 0.01	48.99 2.91 0.01	50.55 3.04 0.01	51.46 3.10 0.01	55.10 3.51 0.01	58.53 3.83 0.01	55.28 3.57 0.01	53.24 3.43 0.01	51.09 3.25 0.01	48.37 2.99 0.01	45.21 2.68 0.00	43.94 2.49 0.00
NYPA_KENT____GT 24152	57.47 3.20 0.00	54.50 2.99 -0.76	50.74 2.74 -2.26	50.26 2.60 -2.85	48.73 2.37 -4.02	50.07 2.57 -3.16	51.97 2.79 -4.21	50.39 2.77 -6.98	53.76 3.34 -3.43	55.34 3.57 -1.46	55.02 3.52 -1.88	54.27 3.41 -2.82	54.10 3.38 -3.11	53.37 3.27 -4.01	54.03 3.37 -3.14	54.44 3.48 -2.59	56.01 3.92 -0.50	59.01 4.27 -0.03	56.23 3.98 -0.53	55.21 3.93 -1.57	54.40 3.59 -2.97	53.23 3.31 -4.53	51.64 2.93 -6.18	49.98 2.66 -5.87
NYPA_POUCH1____GT 24155	57.47 3.20 0.00	55.17 3.10 -1.33	52.57 2.88 -3.95	52.52 2.73 -4.98	51.81 2.45 -7.02	52.52 2.66 -5.53	55.16 2.83 -7.35	55.64 2.80 -12.19	56.37 3.39 -5.99	56.43 3.57 -2.55	56.43 3.52 -3.29	56.37 3.41 -4.92	56.37 3.33 -5.43	56.36 3.27 -7.00	56.37 3.37 -5.48	56.37 3.48 -4.52	56.38 3.92 -0.87	59.04 4.27 -0.06	56.63 3.98 -0.93	56.38 3.84 -2.73	56.66 3.63 -5.18	56.61 3.31 -7.91	56.31 2.98 -10.80	54.45 2.74 -10.26
NYPA_VERNON____GT2 24162	57.36 3.09 0.00	53.78 2.84 -0.19	48.96 2.65 -0.57	48.04 2.51 -0.72	45.60 2.24 -1.02	47.57 2.44 -0.80	48.69 2.65 -1.07	45.10 2.68 -1.77	51.10 3.24 -0.87	54.10 3.42 -0.37	53.51 3.42 -0.48	52.06 3.31 -0.71	51.64 3.24 -0.79	50.24 3.14 -1.01	51.58 3.28 -0.80	52.41 3.38 -0.66	55.49 3.76 -0.13	58.87 4.16 -0.01	55.68 3.83 -0.13	53.89 3.69 -0.40	52.09 3.49 -0.75	49.71 3.18 -1.15	46.90 2.81 -1.57	45.47 2.53 -1.49
NYPA_VERNON____GT3 24163	57.36 3.09 0.00	53.78 2.84 -0.19	48.96 2.65 -0.57	48.04 2.51 -0.72	45.60 2.24 -1.02	47.57 2.44 -0.80	48.69 2.65 -1.07	45.10 2.68 -1.77	51.10 3.24 -0.87	54.10 3.42 -0.37	53.51 3.42 -0.48	52.06 3.31 -0.71	51.64 3.24 -0.79	50.24 3.14 -1.01	51.58 3.28 -0.80	52.41 3.38 -0.66	55.49 3.76 -0.13	58.87 4.16 -0.01	55.68 3.83 -0.13	53.89 3.69 -0.40	52.09 3.49 -0.75	49.71 3.18 -1.15	46.90 2.81 -1.57	45.47 2.53 -1.49
NYPA__ASTORIA_CC1 323568	57.31 3.04 0.00	53.53 2.79 0.00	48.35 2.61 0.00	47.27 2.46 0.00	44.54 2.20 0.00	46.73 2.39 0.00	47.58 2.61 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.68 3.37 0.00	52.99 3.38 0.00	51.31 3.27 0.00	50.80 3.19 0.00	49.18 3.09 0.00	50.75 3.23 0.00	51.70 3.33 0.00	55.36 3.76 0.00	58.81 4.11 0.00	55.49 3.77 0.00	53.45 3.63 0.00	51.29 3.45 0.00	48.52 3.13 0.00	45.29 2.76 0.00	43.98 2.53 0.00
NYPA__ASTORIA_CC2 323569	57.31 3.04 0.00	53.53 2.79 0.00	48.35 2.61 0.00	47.27 2.46 0.00	44.54 2.20 0.00	46.73 2.39 0.00	47.58 2.61 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.68 3.37 0.00	52.99 3.38 0.00	51.31 3.27 0.00	50.80 3.19 0.00	49.18 3.09 0.00	50.75 3.23 0.00	51.70 3.33 0.00	55.36 3.76 0.00	58.81 4.11 0.00	55.49 3.77 0.00	53.45 3.63 0.00	51.29 3.45 0.00	48.52 3.13 0.00	45.29 2.76 0.00	43.98 2.53 0.00
NYPA__HOLTSVILL 23794	58.88 4.61 0.00	54.75 4.01 0.00	49.77 4.03 0.00	48.62 3.81 0.00	45.98 3.64 0.00	48.10 3.77 0.00	48.97 4.00 0.00	44.85 4.19 -0.01	53.32 4.89 -1.44	62.28 4.98 -6.98	55.71 5.01 -1.08	55.73 4.90 -2.78	55.67 4.67 -3.39	54.63 4.52 -4.02	56.81 4.89 -4.40	55.27 5.12 -1.78	57.23 5.62 -0.01	60.73 6.02 0.00	57.36 5.64 0.00	55.71 5.28 -0.62	53.84 4.88 -1.12	50.69 4.63 -0.67	46.52 4.00 0.00	44.97 3.52 0.00
NYPA__HELLGATE_GT1 24158	57.15 2.87 0.00	53.33 2.59 0.00	48.25 2.51 0.00	47.18 2.37 0.00	44.41 2.07 0.00	46.54 2.22 0.01	47.39 2.43 0.01	43.12 2.48 0.01	49.99 3.01 0.01	53.42 3.12 0.01	52.74 3.13 0.01	51.11 3.08 0.01	50.60 3.00 0.01	48.99 2.91 0.01	50.55 3.04 0.01	51.46 3.10 0.01	55.10 3.51 0.01	58.53 3.83 0.01	55.28 3.57 0.01	53.24 3.43 0.01	51.09 3.25 0.01	48.37 2.99 0.01	45.21 2.68 0.00	43.94 2.49 0.00
NYPA__HELLGATE_GT2 24159	57.15 2.87 0.00	53.33 2.59 0.00	48.25 2.51 0.00	47.18 2.37 0.00	44.41 2.07 0.00	46.54 2.22 0.01	47.39 2.43 0.01	43.12 2.48 0.01	49.99 3.01 0.01	53.42 3.12 0.01	52.74 3.13 0.01	51.11 3.08 0.01	50.60 3.00 0.01	48.99 2.91 0.01	50.55 3.04 0.01	51.46 3.10 0.01	55.10 3.51 0.01	58.53 3.83 0.01	55.28 3.57 0.01	53.24 3.43 0.01	51.09 3.25 0.01	48.37 2.99 0.01	45.21 2.68 0.00	43.94 2.49 0.00
NYS_BARGE__HYD 23848	48.90 -5.37 0.00	45.67 -5.07 0.00	41.07 -4.67 0.00	40.24 -4.57 0.00	38.10 -4.23 0.00	39.94 -4.39 0.00	40.25 -4.72 0.00	35.45 -5.20 0.00	40.93 -6.06 0.00	43.67 -6.64 0.00	43.51 -6.10 0.00	42.27 -5.77 0.00	41.90 -5.71 0.00	40.52 -5.58 0.00	41.53 -5.99 0.00	42.76 -5.61 0.00	45.14 -6.45 0.00	48.25 -6.46 0.00	45.36 -6.36 0.00	44.13 -5.68 0.00	42.44 -5.41 0.00	40.30 -5.08 0.00	38.74 -3.79 0.00	38.01 -3.44 0.00

OAK ORCHARD___HYD 24046	50.91 -3.36 0.00	47.60 -3.15 0.00	42.86 -2.88 0.00	41.99 -2.82 0.00	39.67 -2.67 0.00	41.67 -2.66 0.00	42.14 -2.83 0.00	37.60 -3.05 0.00	43.46 -3.53 0.00	46.44 -3.87 0.00	46.19 -3.42 0.00	44.77 -3.27 0.00	44.37 -3.24 0.00	42.82 -3.27 0.00	44.05 -3.47 0.00	45.17 -3.19 0.00	47.98 -3.61 0.00	51.21 -3.50 0.00	48.20 -3.52 0.00	46.62 -3.19 0.00	44.78 -3.06 0.00	42.53 -2.86 0.00	40.27 -2.26 0.00	39.29 -2.16 0.00
OAKDALE___35_KV_LOAD 356122	53.62 -0.65 0.00	50.08 -0.66 0.00	45.10 -0.64 0.00	44.14 -0.67 0.00	41.70 -0.64 0.00	43.71 -0.62 0.00	44.34 -0.63 0.00	39.92 -0.73 0.00	46.10 -0.89 0.00	49.30 -1.01 0.00	48.77 -0.84 0.00	47.27 -0.77 0.00	46.85 -0.76 0.00	45.31 -0.78 0.00	46.71 -0.81 0.00	47.74 -0.63 0.00	50.92 -0.67 0.00	54.00 -0.71 0.00	51.05 -0.67 0.00	49.16 -0.65 0.00	47.22 -0.62 0.00	44.84 -0.54 0.00	41.97 -0.55 0.00	41.03 -0.41 0.00
OCC_CHEM___DRP 24175	48.09 -6.19 0.00	44.96 -5.78 0.00	40.48 -5.26 0.00	39.52 -5.29 0.00	37.55 -4.78 0.00	39.32 -5.01 0.00	39.39 -5.58 0.00	34.88 -5.77 0.00	40.22 -6.77 0.00	42.86 -7.45 0.00	42.72 -6.90 0.00	41.55 -6.49 0.00	41.18 -6.43 0.00	39.83 -6.27 0.00	40.86 -6.65 0.00	42.08 -6.29 0.00	45.04 -6.55 0.00	47.32 -7.39 0.00	45.10 -6.62 0.00	43.34 -6.48 0.00	41.67 -6.17 0.00	39.89 -5.49 0.00	37.85 -4.68 0.00	37.39 -4.06 0.00
OH_GEN_PROXY 24063	48.63 -5.65 0.00	45.47 -5.28 0.00	40.94 -4.80 0.00	40.11 -4.70 0.00	37.98 -4.36 0.00	39.81 -4.52 0.00	40.11 -4.86 0.00	35.37 -5.28 0.00	40.79 -6.20 0.00	43.57 -6.74 0.00	43.36 -6.25 0.00	42.08 -5.96 0.00	41.75 -5.86 0.00	40.38 -5.72 0.00	41.38 -6.13 0.00	42.56 -5.81 0.00	44.94 -6.66 0.00	47.98 -6.73 0.00	45.10 -6.62 0.00	43.88 -5.93 0.00	42.20 -5.65 0.00	40.08 -5.31 0.00	38.49 -4.04 0.00	37.76 -3.69 0.00
OLIN_CORP_DRP 24177	48.09 -6.19 0.00	44.96 -5.78 0.00	40.43 -5.31 0.00	39.48 -5.33 0.00	37.51 -4.83 0.00	39.32 -5.01 0.00	39.39 -5.58 0.00	34.88 -5.77 0.00	40.22 -6.77 0.00	42.86 -7.45 0.00	42.72 -6.90 0.00	41.51 -6.53 0.00	41.18 -6.43 0.00	39.83 -6.27 0.00	40.86 -6.65 0.00	42.08 -6.29 0.00	45.09 -6.50 0.00	47.38 -7.33 0.00	45.15 -6.57 0.00	43.34 -6.48 0.00	41.67 -6.17 0.00	39.89 -5.49 0.00	37.85 -4.68 0.00	37.39 -4.06 0.00
OLIN_CORP_DSASP 323712	48.08 -6.19 0.00	44.96 -5.79 0.00	40.48 -5.26 0.00	39.66 -5.15 0.00	37.55 -4.78 0.00	39.32 -5.01 0.00	39.62 -5.35 0.00	34.88 -5.77 0.00	40.22 -6.77 0.00	42.92 -7.39 0.00	42.72 -6.90 0.00	41.51 -6.53 0.00	41.18 -6.43 0.00	39.83 -6.27 0.00	40.77 -6.75 0.00	41.98 -6.39 0.00	44.27 -7.33 0.00	47.27 -7.44 0.00	44.43 -7.29 0.00	43.29 -6.52 0.00	41.62 -6.22 0.00	39.58 -5.81 0.00	38.10 -4.42 0.00	37.39 -4.06 0.00
ONEIDA_HERK_LFGE 323681	54.87 0.60 0.00	51.20 0.46 0.00	46.15 0.41 0.00	45.21 0.40 0.00	42.67 0.34 0.00	44.69 0.35 0.00	45.51 0.54 0.00	41.10 0.45 0.00	47.56 0.57 0.00	50.92 0.61 0.00	50.26 0.64 0.00	48.62 0.58 0.00	48.18 0.57 0.00	46.56 0.46 0.00	48.32 0.81 0.00	49.19 0.82 0.00	52.63 1.03 0.00	55.75 1.04 0.00	52.50 0.78 0.00	50.51 0.70 0.00	48.46 0.62 0.00	45.97 0.59 0.00	43.12 0.60 0.00	41.95 0.50 0.00
ONEIDA___115KV_TB4 55905	55.14 0.87 0.00	51.51 0.76 0.00	46.43 0.69 0.00	45.44 0.63 0.00	42.93 0.59 0.00	45.00 0.66 0.00	45.83 0.85 0.00	41.38 0.73 0.00	47.88 0.89 0.00	51.22 0.91 0.00	50.56 0.94 0.00	48.90 0.86 0.00	48.47 0.86 0.00	46.83 0.74 0.00	48.51 1.00 0.00	49.43 1.06 0.00	52.78 1.19 0.00	55.91 1.20 0.00	52.70 0.98 0.00	50.71 0.90 0.00	48.66 0.81 0.00	46.16 0.77 0.00	43.21 0.68 0.00	42.03 0.58 0.00
ONONDAGA_REF_OCCRA 23987	53.08 -1.19 0.00	49.53 -1.22 0.00	44.69 -1.05 0.00	43.74 -1.08 0.00	41.36 -0.97 0.00	43.36 -0.98 0.00	43.98 -0.99 0.00	39.71 -0.93 0.00	45.91 -1.08 0.00	49.10 -1.21 0.00	48.57 -1.04 0.00	47.08 -0.96 0.00	46.61 -1.00 0.00	45.08 -1.01 0.00	46.52 -1.00 0.00	47.45 -0.92 0.00	50.62 -0.98 0.00	53.72 -0.98 0.00	50.79 -0.93 0.00	48.86 -0.95 0.00	46.93 -0.91 0.00	44.57 -0.82 0.00	41.68 -0.85 0.00	40.62 -0.83 0.00
ONONDAGA___COGEN 23986	53.08 -1.19 0.00	49.53 -1.22 0.00	44.69 -1.05 0.00	43.74 -1.08 0.00	41.32 -1.02 0.00	43.36 -0.98 0.00	43.98 -0.99 0.00	39.71 -0.93 0.00	45.91 -1.08 0.00	49.10 -1.21 0.00	48.57 -1.04 0.00	47.08 -0.96 0.00	46.61 -1.00 0.00	45.08 -1.01 0.00	46.52 -1.00 0.00	47.45 -0.92 0.00	50.62 -0.98 0.00	53.67 -1.04 0.00	50.74 -0.98 0.00	48.86 -0.95 0.00	46.89 -0.96 0.00	44.57 -0.82 0.00	41.68 -0.85 0.00	40.62 -0.83 0.00
ONTARIO___LFGE 23819	52.53 -1.74 0.00	49.07 -1.67 0.00	44.41 -1.33 0.00	43.42 -1.39 0.00	41.02 -1.31 0.00	43.09 -1.24 0.00	43.67 -1.31 0.00	39.10 -1.54 0.00	45.16 -1.83 0.00	48.20 -2.11 0.00	47.83 -1.78 0.00	46.41 -1.63 0.00	46.04 -1.57 0.00	44.44 -1.66 0.00	45.85 -1.66 0.00	46.96 -1.40 0.00	49.74 -1.86 0.00	53.07 -1.64 0.00	50.02 -1.71 0.00	48.27 -1.54 0.00	46.55 -1.29 0.00	44.21 -1.18 0.00	41.55 -0.98 0.00	40.54 -0.91 0.00
ORANGEVILLE_WT_PWR 323706	49.98 -4.29 0.00	46.73 -4.01 0.00	42.04 -3.70 0.00	41.09 -3.72 0.00	38.86 -3.47 0.00	40.70 -3.63 0.00	41.06 -3.91 0.00	36.30 -4.35 0.00	41.82 -5.17 0.00	44.53 -5.78 0.00	44.26 -5.36 0.00	43.14 -4.90 0.00	42.90 -4.71 0.00	41.53 -4.56 0.00	42.72 -4.80 0.00	44.01 -4.35 0.00	46.64 -4.95 0.00	49.73 -4.98 0.00	46.81 -4.91 0.00	45.48 -4.33 0.00	43.68 -4.16 0.00	41.48 -3.90 0.00	39.55 -2.98 0.00	38.80 -2.65 0.00
ORANGEVILLE___ESR 323794	49.98 -4.29 0.00	46.73 -4.01 0.00	42.04 -3.70 0.00	41.09 -3.72 0.00	38.86 -3.47 0.00	40.70 -3.63 0.00	41.06 -3.91 0.00	36.30 -4.35 0.00	41.82 -5.17 0.00	44.53 -5.78 0.00	44.26 -5.36 0.00	43.14 -4.90 0.00	42.90 -4.71 0.00	41.53 -4.56 0.00	42.72 -4.80 0.00	44.01 -4.35 0.00	46.64 -4.95 0.00	49.73 -4.98 0.00	46.81 -4.91 0.00	45.48 -4.33 0.00	43.68 -4.16 0.00	41.48 -3.90 0.00	39.55 -2.98 0.00	38.80 -2.65 0.00
OSWEGATCHIE___HYD 24044	53.78 -0.49 0.00	50.34 -0.41 0.00	45.28 -0.46 0.00	44.45 -0.36 0.00	41.95 -0.38 0.00	43.71 -0.62 0.00	44.16 -0.81 0.00	40.08 -0.57 0.00	46.15 -0.84 0.00	49.46 -0.86 0.00	48.87 -0.74 0.00	47.32 -0.72 0.00	46.90 -0.71 0.00	45.36 -0.74 0.00	47.04 -0.48 0.00	47.83 -0.53 0.00	51.13 -0.47 0.00	53.94 -0.77 0.00	51.00 -0.72 0.00	49.01 -0.80 0.00	47.08 -0.77 0.00	44.71 -0.68 0.00	42.02 -0.51 0.00	41.28 -0.17 0.00
OSWEGO___5 23606	52.27 -2.01 0.00	48.82 -1.93 0.00	44.05 -1.69 0.00	43.11 -1.70 0.00	40.77 -1.57 0.00	42.69 -1.64 0.00	43.35 -1.62 0.00	39.10 -1.54 0.00	45.20 -1.79 0.00	48.40 -1.91 0.00	47.78 -1.83 0.00	46.26 -1.78 0.00	45.85 -1.76 0.00	44.34 -1.75 0.00	45.76 -1.76 0.00	46.63 -1.74 0.00	49.69 -1.91 0.00	52.79 -1.92 0.00	49.86 -1.86 0.00	48.02 -1.79 0.00	46.12 -1.72 0.00	43.80 -1.59 0.00	41.08 -1.45 0.00	40.00 -1.45 0.00

OSWEGO___6 23613	52.27 -2.01 0.00	48.82 -1.93 0.00	44.05 -1.69 0.00	43.11 -1.70 0.00	40.77 -1.57 0.00	42.69 -1.64 0.00	43.35 -1.62 0.00	39.10 -1.54 0.00	45.20 -1.79 0.00	48.40 -1.91 0.00	47.78 -1.83 0.00	46.26 -1.78 0.00	45.85 -1.76 0.00	44.34 -1.75 0.00	45.76 -1.76 0.00	46.63 -1.74 0.00	49.69 -1.91 0.00	52.79 -1.92 0.00	49.86 -1.86 0.00	48.02 -1.79 0.00	46.12 -1.72 0.00	43.80 -1.59 0.00	41.08 -1.45 0.00	40.00 -1.45 0.00
OUTOKUMPU-AB___DRP 24206	49.28 -4.99 0.00	46.03 -4.72 0.00	41.40 -4.35 0.00	40.42 -4.39 0.00	38.40 -3.94 0.00	40.21 -4.12 0.00	40.29 -4.68 0.00	35.69 -4.96 0.00	41.21 -5.78 0.00	43.92 -6.39 0.00	43.81 -5.81 0.00	42.61 -5.43 0.00	42.23 -5.38 0.00	40.84 -5.25 0.00	41.91 -5.61 0.00	43.19 -5.18 0.00	46.23 -5.37 0.00	48.69 -6.02 0.00	46.29 -5.43 0.00	44.48 -5.33 0.00	42.77 -5.07 0.00	40.94 -4.45 0.00	38.78 -3.74 0.00	38.30 -3.15 0.00
OXBOW___BTM 323836	48.74 -5.54 0.00	45.57 -5.18 0.00	40.98 -4.76 0.00	40.15 -4.66 0.00	38.02 -4.32 0.00	39.86 -4.48 0.00	40.16 -4.81 0.00	35.33 -5.32 0.00	40.79 -6.20 0.00	43.52 -6.79 0.00	43.36 -6.25 0.00	42.13 -5.91 0.00	41.75 -5.86 0.00	40.42 -5.67 0.00	41.38 -6.13 0.00	42.61 -5.76 0.00	44.99 -6.60 0.00	48.03 -6.68 0.00	45.15 -6.57 0.00	43.98 -5.83 0.00	42.29 -5.55 0.00	40.17 -5.22 0.00	38.66 -3.87 0.00	37.93 -3.52 0.00
OXBOW____ 24026	48.74 -5.54 0.00	45.57 -5.18 0.00	40.98 -4.76 0.00	40.02 -4.79 0.00	38.02 -4.32 0.00	39.86 -4.48 0.00	39.89 -5.08 0.00	35.32 -5.33 0.00	40.79 -6.20 0.00	43.47 -6.84 0.00	43.36 -6.25 0.00	42.13 -5.91 0.00	41.80 -5.81 0.00	40.42 -5.67 0.00	41.43 -6.08 0.00	42.71 -5.66 0.00	45.71 -5.88 0.00	48.09 -6.62 0.00	45.77 -5.95 0.00	43.98 -5.83 0.00	42.29 -5.55 0.00	40.48 -4.90 0.00	38.40 -4.13 0.00	37.93 -3.52 0.00
OXY_CHEM_DSASP 323612	48.09 -6.19 0.00	44.96 -5.78 0.00	40.48 -5.26 0.00	39.52 -5.29 0.00	37.55 -4.78 0.00	39.32 -5.01 0.00	39.39 -5.58 0.00	34.88 -5.77 0.00	40.22 -6.77 0.00	42.86 -7.45 0.00	42.72 -6.90 0.00	41.55 -6.49 0.00	41.18 -6.43 0.00	39.83 -6.27 0.00	40.86 -6.65 0.00	42.08 -6.29 0.00	45.04 -6.55 0.00	47.32 -7.39 0.00	45.10 -6.62 0.00	43.34 -6.48 0.00	41.67 -6.17 0.00	39.89 -5.49 0.00	37.85 -4.68 0.00	37.39 -4.06 0.00
OZONE_PARK_ESR 323760	57.58 3.31 0.00	53.74 2.99 0.00	48.39 2.65 0.00	47.41 2.60 0.00	44.66 2.33 0.00	46.90 2.57 0.00	47.80 2.83 0.00	43.41 2.76 0.00	50.37 3.38 0.00	53.88 3.57 0.00	53.19 3.57 0.00	51.50 3.46 0.00	50.99 3.38 0.00	49.37 3.27 0.00	50.93 3.42 0.00	51.85 3.48 0.00	55.36 3.77 0.00	58.76 4.05 0.00	55.60 3.88 0.00	53.65 3.84 0.00	51.48 3.64 0.00	48.65 3.27 0.00	45.42 2.89 0.00	44.06 2.61 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	48.09 -6.19 0.00	44.96 -5.78 0.00	40.48 -5.26 0.00	39.52 -5.29 0.00	37.55 -4.78 0.00	39.32 -5.01 0.00	39.39 -5.58 0.00	34.88 -5.77 0.00	40.22 -6.77 0.00	42.86 -7.45 0.00	42.72 -6.90 0.00	41.55 -6.49 0.00	41.18 -6.43 0.00	39.83 -6.27 0.00	40.86 -6.65 0.00	42.08 -6.29 0.00	45.04 -6.55 0.00	47.32 -7.39 0.00	45.10 -6.62 0.00	43.34 -6.48 0.00	41.67 -6.17 0.00	39.89 -5.49 0.00	37.85 -4.68 0.00	37.39 -4.06 0.00
PACKARD__115KV_DUPONT_184 80571	48.09 -6.19 0.00	44.96 -5.78 0.00	40.48 -5.26 0.00	39.52 -5.29 0.00	37.55 -4.78 0.00	39.32 -5.01 0.00	39.39 -5.58 0.00	34.88 -5.77 0.00	40.22 -6.77 0.00	42.86 -7.45 0.00	42.72 -6.90 0.00	41.55 -6.49 0.00	41.18 -6.43 0.00	39.83 -6.27 0.00	40.86 -6.65 0.00	42.08 -6.29 0.00	45.04 -6.55 0.00	47.32 -7.39 0.00	45.10 -6.62 0.00	43.34 -6.48 0.00	41.67 -6.17 0.00	39.89 -5.49 0.00	37.85 -4.68 0.00	37.39 -4.06 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	57.20 2.93 0.00	53.38 2.64 0.00	48.16 2.42 0.00	47.19 2.37 0.00	44.41 2.07 0.00	46.55 2.22 0.00	47.44 2.47 0.00	43.13 2.48 0.00	49.95 2.96 0.00	53.48 3.17 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.55 3.04 0.00	51.46 3.10 0.00	54.95 3.35 0.00	58.27 3.56 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.05 3.21 0.00	48.25 2.86 0.00	45.08 2.55 0.00	43.85 2.40 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	57.64 3.36 0.00	53.84 3.10 0.00	48.58 2.84 0.00	47.59 2.78 0.00	44.79 2.46 0.00	46.90 2.57 0.00	47.80 2.83 0.00	43.45 2.80 0.00	50.33 3.34 0.00	53.88 3.57 0.00	53.19 3.57 0.00	51.50 3.46 0.00	51.09 3.48 0.00	49.41 3.32 0.00	50.98 3.47 0.00	51.90 3.53 0.00	55.47 3.87 0.00	58.81 4.10 0.00	55.60 3.88 0.00	53.70 3.89 0.00	51.48 3.64 0.00	48.70 3.31 0.00	45.50 2.98 0.00	44.27 2.82 0.00
PATROON__115KV_TB1 80586	56.39 2.12 0.00	52.57 1.83 0.00	47.43 1.69 0.00	46.47 1.66 0.00	43.90 1.57 0.00	46.02 1.68 0.00	46.77 1.80 0.00	42.28 1.63 0.00	48.96 1.97 0.00	52.42 2.11 0.00	51.45 1.84 0.00	49.82 1.78 0.00	49.37 1.76 0.00	47.80 1.71 0.00	49.22 1.71 0.00	49.86 1.50 0.00	53.09 1.50 0.00	56.57 1.86 0.00	53.38 1.66 0.00	51.41 1.59 0.00	49.47 1.63 0.00	46.84 1.45 0.00	43.85 1.32 0.00	42.73 1.28 0.00
PATTRSNVILLE__SOLAR 323815	56.33 2.06 0.00	52.47 1.73 0.00	47.30 1.56 0.00	46.29 1.48 0.00	43.73 1.39 0.00	45.84 1.51 0.00	46.59 1.62 0.00	42.07 1.42 0.00	48.68 1.69 0.00	52.02 1.71 0.00	51.20 1.59 0.00	49.48 1.44 0.00	48.99 1.38 0.00	47.43 1.34 0.00	48.94 1.42 0.00	50.01 1.65 0.00	53.56 1.96 0.00	57.01 2.30 0.00	53.74 2.02 0.00	51.70 1.89 0.00	49.61 1.77 0.00	46.97 1.59 0.00	43.93 1.40 0.00	42.65 1.20 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	50.58 -3.69 0.00	47.19 -3.55 0.00	42.45 -3.29 0.00	41.45 -3.36 0.00	39.33 -3.01 0.00	41.19 -3.15 0.00	41.37 -3.60 0.00	36.58 -4.06 0.00	42.20 -4.79 0.00	45.03 -5.28 0.00	44.85 -4.76 0.00	43.67 -4.37 0.00	43.32 -4.28 0.00	41.85 -4.24 0.00	43.00 -4.51 0.00	44.30 -4.06 0.00	47.36 -4.23 0.00	49.95 -4.76 0.00	47.43 -4.29 0.00	45.68 -4.13 0.00	43.87 -3.97 0.00	41.89 -3.49 0.00	39.64 -2.89 0.00	39.21 -2.24 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	57.91 3.64 0.00	54.04 3.30 0.00	48.67 2.93 0.00	47.63 2.82 0.00	44.92 2.58 0.00	47.13 2.79 0.00	47.89 2.92 0.00	43.45 2.80 0.00	50.33 3.34 0.00	53.88 3.57 0.00	53.24 3.62 0.00	51.55 3.51 0.00	50.89 3.29 0.00	49.27 3.18 0.00	50.89 3.37 0.00	51.80 3.43 0.00	55.41 3.82 0.00	58.81 4.10 0.00	55.65 3.93 0.00	53.65 3.84 0.00	51.48 3.64 0.00	48.61 3.22 0.00	45.42 2.89 0.00	44.06 2.61 0.00
PEEKSKILL____ 23653	56.98 2.71 0.00	53.18 2.44 0.00	47.98 2.24 0.00	46.96 2.15 0.00	44.28 1.95 0.00	46.46 2.13 0.00	47.26 2.29 0.00	42.92 2.27 0.00	49.71 2.72 0.00	53.18 2.87 0.00	52.44 2.83 0.00	50.78 2.74 0.00	50.27 2.66 0.00	48.67 2.58 0.00	50.22 2.71 0.00	51.17 2.80 0.00	54.74 3.15 0.00	58.21 3.50 0.00	54.93 3.21 0.00	52.90 3.09 0.00	50.76 2.92 0.00	48.06 2.68 0.00	44.86 2.34 0.00	43.48 2.03 0.00

PGE MADISON___WINDPWR 24146	57.53 3.26 0.00	53.48 2.74 0.00	48.16 2.42 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.46 2.13 0.00	47.58 2.61 0.00	42.80 2.15 0.00	49.62 2.63 0.00	53.18 2.87 0.00	52.69 3.08 0.00	50.97 2.93 0.00	50.51 2.90 0.00	48.58 2.49 0.00	50.56 3.04 0.00	51.75 3.38 0.00	55.57 3.97 0.00	58.81 4.11 0.00	55.19 3.47 0.00	53.15 3.34 0.00	50.95 3.11 0.00	48.29 2.91 0.00	45.29 2.76 0.00	43.85 2.40 0.00
PIERCEFIELD___HYD 23852	54.44 0.16 0.00	51.00 0.25 0.00	45.97 0.23 0.00	45.12 0.31 0.00	42.50 0.17 0.00	44.29 -0.04 0.00	44.43 -0.54 0.00	40.41 -0.24 0.00	46.38 -0.61 0.00	49.81 -0.50 0.00	49.27 -0.35 0.00	47.70 -0.34 0.00	47.28 -0.33 0.00	45.82 -0.28 0.00	47.18 -0.33 0.00	47.93 -0.44 0.00	51.08 -0.52 0.00	54.00 -0.71 0.00	50.94 -0.78 0.00	49.01 -0.80 0.00	47.17 -0.67 0.00	44.80 -0.59 0.00	42.57 0.04 0.00	41.78 0.33 0.00
PINELAWN_CC_1 323563	58.45 4.18 0.00	54.40 3.66 0.00	49.44 3.70 0.00	48.26 3.45 0.00	45.60 3.26 0.00	47.75 3.41 0.00	48.61 3.64 0.00	44.48 3.82 -0.01	53.03 4.47 -1.57	62.49 4.58 -7.60	55.31 4.51 -1.18	55.49 4.42 -3.03	55.64 4.29 -3.75	54.65 4.15 -4.40	56.67 4.37 -4.79	54.95 4.64 -1.94	56.71 5.11 -0.01	60.18 5.47 0.00	56.89 5.17 0.00	55.38 4.88 -0.68	53.61 4.55 -1.22	50.38 4.27 -0.73	46.27 3.74 0.00	44.68 3.24 0.00
PJM_GEN_HTP_PROXY 323702	57.20 2.93 0.00	53.38 2.64 0.00	48.16 2.42 0.00	47.09 2.28 0.00	44.41 2.07 0.00	46.59 2.26 0.00	47.44 2.47 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.48 3.17 0.00	52.79 3.18 0.00	51.12 3.08 0.00	50.61 3.00 0.00	49.00 2.91 0.00	50.51 3.00 0.00	51.46 3.10 0.00	55.11 3.51 0.00	58.54 3.83 0.00	55.24 3.52 0.00	53.20 3.39 0.00	51.05 3.21 0.00	48.33 2.95 0.00	45.08 2.55 0.00	43.73 2.28 0.00
PJM_GEN_KEystone 24065	28.56 -0.65 25.06	27.57 -0.71 22.46	27.75 -0.60 17.39	27.69 -0.67 16.45	26.59 -0.63 15.11	28.51 -0.62 15.20	30.36 -0.63 13.98	35.90 -0.81 3.94	34.63 -0.94 11.42	32.89 -1.06 16.36	32.78 -0.89 15.94	31.32 -0.82 15.90	30.18 -0.81 16.62	29.52 -0.83 15.75	30.73 -0.85 15.93	32.04 -0.72 15.60	36.90 -0.77 13.92	40.70 -0.65 13.36	37.03 -0.77 13.92	35.00 -0.60 14.22	34.10 -0.62 13.12	31.74 -0.59 13.06	29.08 -0.38 13.06	28.00 -0.33 13.12
PJM_GEN_NEPTUNE_PROXY 323594	57.64 3.37 0.00	53.69 2.94 0.00	48.71 2.97 0.00	47.59 2.78 0.00	44.96 2.63 0.00	47.08 2.75 0.00	47.94 2.97 0.00	43.79 3.13 -0.01	51.92 3.67 -1.27	60.20 3.78 -6.11	54.24 3.67 -0.95	54.08 3.60 -2.44	54.24 3.47 -3.16	53.12 3.52 -3.61	54.88 3.77 -3.85	53.70 3.77 -1.56	55.73 4.13 -0.01	59.14 4.43 0.00	55.91 4.19 0.00	54.35 3.99 -0.55	52.56 3.73 -0.98	49.47 3.50 -0.59	45.59 3.06 0.00	44.06 2.61 0.00
PJM_GEN_VFT_PROXY 323633	56.76 2.50 0.01	52.92 2.23 0.06	47.64 2.06 0.16	46.54 1.93 0.19	43.80 1.74 0.27	46.08 1.95 0.20	46.86 2.16 0.27	42.39 2.19 0.45	49.45 2.68 0.22	53.04 2.82 0.09	52.33 2.83 0.12	50.60 2.74 0.18	50.08 2.66 0.20	48.42 2.58 0.25	50.02 2.71 0.20	51.01 2.80 0.16	54.72 3.15 0.02	58.16 3.45 0.00	54.90 3.21 0.03	52.81 3.09 0.09	50.53 2.87 0.19	47.73 2.63 0.29	44.38 2.25 0.40	43.06 1.99 0.38
PLATSBURG_115KV_PMLD1 355749	56.28 2.01 0.00	52.77 2.03 0.00	47.57 1.83 0.00	46.65 1.84 0.00	43.99 1.65 0.00	45.97 1.64 0.00	45.92 0.94 0.00	41.46 0.81 0.00	47.88 0.89 0.00	51.37 1.06 0.00	50.86 1.24 0.00	49.24 1.20 0.00	48.80 1.19 0.00	47.38 1.29 0.00	48.61 1.09 0.00	49.38 1.02 0.00	52.52 0.93 0.00	55.53 0.82 0.00	52.39 0.67 0.00	50.36 0.55 0.00	48.51 0.67 0.00	46.02 0.64 0.00	43.25 0.72 0.00	42.69 1.24 0.00
PLEASANTVLY___LBMP 24000	56.88 2.61 0.00	53.08 2.33 0.00	47.84 2.10 0.00	46.92 2.11 0.00	44.24 1.91 0.00	46.37 2.04 0.00	47.17 2.20 0.00	42.80 2.15 0.00	49.57 2.58 0.00	53.03 2.72 0.00	52.20 2.58 0.00	50.54 2.50 0.00	50.04 2.43 0.00	48.49 2.40 0.00	49.98 2.47 0.00	50.88 2.51 0.00	54.33 2.73 0.00	57.72 3.01 0.00	54.57 2.84 0.00	52.65 2.84 0.00	50.52 2.68 0.00	47.79 2.41 0.00	44.65 2.13 0.00	43.36 1.91 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.49 2.52 0.00	43.05 2.40 0.00	49.90 2.91 0.00	53.38 3.07 0.00	52.64 3.03 0.00	50.92 2.88 0.00	50.42 2.81 0.00	48.86 2.77 0.00	50.36 2.85 0.00	51.32 2.95 0.00	54.79 3.20 0.00	58.16 3.45 0.00	54.98 3.26 0.00	53.05 3.24 0.00	50.91 3.06 0.00	48.16 2.77 0.00	44.99 2.47 0.00	43.65 2.20 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.49 2.52 0.00	43.05 2.40 0.00	49.90 2.91 0.00	53.38 3.07 0.00	52.64 3.03 0.00	50.92 2.88 0.00	50.42 2.81 0.00	48.86 2.77 0.00	50.36 2.85 0.00	51.32 2.95 0.00	54.79 3.20 0.00	58.16 3.45 0.00	54.98 3.26 0.00	53.05 3.24 0.00	50.91 3.06 0.00	48.16 2.77 0.00	44.99 2.47 0.00	43.65 2.20 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	57.53 3.26 0.00	53.74 2.99 0.00	48.35 2.61 0.00	47.41 2.60 0.00	44.71 2.37 0.00	46.90 2.57 0.00	47.71 2.74 0.00	43.21 2.56 0.00	50.04 3.05 0.00	53.58 3.27 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.56 2.95 0.00	48.95 2.86 0.00	50.46 2.95 0.00	51.41 3.05 0.00	55.00 3.41 0.00	58.43 3.72 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.34 2.95 0.00	45.12 2.59 0.00	43.81 2.36 0.00
POLETTI___ 23519	50.44 2.71 6.54	50.44 2.44 2.74	47.94 2.20 0.00	46.96 2.15 0.00	44.28 1.95 0.00	46.44 2.13 0.02	47.34 2.38 0.02	42.99 2.36 0.02	49.84 2.87 0.02	52.78 3.07 0.60	48.68 3.03 3.96	48.68 2.93 2.29	48.68 2.86 1.79	48.68 2.77 0.18	48.68 2.90 1.73	48.63 2.95 2.68	48.53 3.20 6.27	48.41 3.39 9.70	49.28 3.26 5.70	48.63 3.24 4.42	48.68 3.06 2.23	48.14 2.77 0.02	44.95 2.42 0.00	43.65 2.20 0.00
POMONA___ESR 323819	56.93 2.66 0.00	53.13 2.39 0.00	47.94 2.20 0.00	46.87 2.06 0.00	44.20 1.86 0.00	46.37 2.04 0.00	47.17 2.20 0.00	42.84 2.19 0.00	49.62 2.63 0.00	53.13 2.82 0.00	52.39 2.78 0.00	50.73 2.69 0.00	50.18 2.57 0.00	48.63 2.53 0.00	50.12 2.61 0.00	51.07 2.71 0.00	54.64 3.04 0.00	58.10 3.39 0.00	54.82 3.10 0.00	52.80 2.99 0.00	50.67 2.82 0.00	47.97 2.59 0.00	44.78 2.25 0.00	43.44 1.99 0.00
PORT_JEFF_3 23555	59.10 4.83 0.00	54.95 4.21 0.00	49.95 4.21 0.00	48.75 3.94 0.00	46.10 3.77 0.00	48.23 3.90 0.00	49.15 4.18 0.00	44.96 4.31 -0.01	53.51 5.08 -1.44	62.49 5.18 -7.00	55.91 5.21 -1.09	55.97 5.14 -2.79	55.91 4.90 -3.40	54.87 4.75 -4.03	57.06 5.13 -4.41	55.52 5.37 -1.79	57.48 5.88 -0.01	61.00 6.29 0.00	57.61 5.89 0.00	55.96 5.53 -0.62	54.03 5.07 -1.12	50.87 4.81 -0.67	46.70 4.17 0.00	45.14 3.69 0.00

PORT_JEFF_4 23616	59.10 4.83 0.00	54.95 4.21 0.00	49.95 4.21 0.00	48.75 3.94 0.00	46.10 3.77 0.00	48.23 3.90 0.00	49.15 4.18 0.00	44.96 4.31 -0.01	53.51 5.08 -1.44	62.49 5.18 -7.00	55.91 5.21 -1.09	55.97 5.14 -2.79	55.91 4.90 -3.40	54.87 4.75 -4.03	57.06 5.13 -4.41	55.52 5.37 -1.79	57.48 5.88 -0.01	61.00 6.29 0.00	57.61 5.89 0.00	55.96 5.53 -0.62	54.03 5.07 -1.12	50.87 4.81 -0.67	46.70 4.17 0.00	45.14 3.69 0.00
PORT_JEFF_IC 23713	59.16 4.88 0.00	55.01 4.26 0.00	49.67 3.93 0.00	49.02 4.21 0.00	46.27 3.94 0.00	48.28 3.95 0.00	49.38 4.41 0.00	45.01 4.35 -0.01	53.56 5.12 -1.45	62.56 5.23 -7.02	55.96 5.26 -1.09	56.02 5.19 -2.80	55.92 4.90 -3.41	54.93 4.79 -4.04	57.11 5.18 -4.42	55.57 5.42 -1.79	57.38 5.78 -0.01	60.73 6.02 0.00	57.51 5.79 0.00	56.02 5.58 -0.63	54.13 5.17 -1.12	50.87 4.81 -0.67	46.74 4.21 0.00	45.14 3.69 0.00
PPL_PILGRIM_ST_GT1 24216	59.10 4.83 0.00	54.95 4.21 0.00	50.00 4.25 0.00	48.80 3.99 0.00	46.15 3.81 0.00	48.28 3.94 0.00	49.15 4.18 0.00	45.01 4.35 -0.01	53.53 5.08 -1.46	62.58 5.18 -7.09	55.88 5.16 -1.10	55.91 5.04 -2.83	55.97 4.90 -3.45	54.93 4.75 -4.09	57.02 5.03 -4.47	55.50 5.32 -1.81	57.43 5.83 -0.01	60.94 6.23 0.00	57.61 5.89 0.00	55.97 5.53 -0.63	54.10 5.12 -1.13	50.88 4.81 -0.68	46.74 4.21 0.00	45.14 3.69 0.00
PPL_PILGRIM_ST_GT2 24217	59.10 4.83 0.00	54.95 4.21 0.00	50.00 4.25 0.00	48.80 3.99 0.00	46.15 3.81 0.00	48.28 3.94 0.00	49.15 4.18 0.00	45.01 4.35 -0.01	53.53 5.08 -1.46	62.58 5.18 -7.09	55.88 5.16 -1.10	55.91 5.04 -2.83	55.97 4.90 -3.45	54.93 4.75 -4.09	57.02 5.03 -4.47	55.50 5.32 -1.81	57.43 5.83 -0.01	60.94 6.23 0.00	57.61 5.89 0.00	55.97 5.53 -0.63	54.10 5.12 -1.13	50.88 4.81 -0.68	46.74 4.21 0.00	45.14 3.69 0.00
PPL_SHRM_GT3 24213	59.65 5.37 0.00	55.41 4.67 0.00	50.36 4.62 0.00	49.20 4.39 0.00	46.53 4.19 0.00	48.63 4.30 0.00	49.56 4.59 0.00	45.37 4.71 -0.01	53.98 5.54 -1.45	63.00 5.68 -7.00	56.51 5.80 -1.09	56.54 5.71 -2.79	56.20 5.19 -3.40	55.10 4.98 -4.03	57.63 5.70 -4.41	56.10 5.95 -1.79	58.05 6.45 -0.01	61.66 6.95 0.00	58.13 6.41 0.00	56.41 5.97 -0.63	54.42 5.45 -1.12	51.23 5.17 -0.67	47.03 4.51 0.00	45.43 3.98 0.00
PPL_SHRM_GT4 24214	59.65 5.37 0.00	55.41 4.67 0.00	50.36 4.62 0.00	49.20 4.39 0.00	46.53 4.19 0.00	48.63 4.30 0.00	49.56 4.59 0.00	45.37 4.71 -0.01	53.98 5.54 -1.45	63.00 5.68 -7.00	56.51 5.80 -1.09	56.54 5.71 -2.79	56.20 5.19 -3.40	55.10 4.98 -4.03	57.63 5.70 -4.41	56.10 5.95 -1.79	58.05 6.45 -0.01	61.66 6.95 0.00	58.13 6.41 0.00	56.41 5.97 -0.63	54.42 5.45 -1.12	51.23 5.17 -0.67	47.03 4.51 0.00	45.43 3.98 0.00
PROJECT___ORANGE 1 24174	52.75 -1.52 0.00	49.27 -1.47 0.00	44.46 -1.28 0.00	43.51 -1.30 0.00	41.15 -1.19 0.00	43.14 -1.20 0.00	43.76 -1.21 0.00	39.51 -1.14 0.00	45.67 -1.32 0.00	48.85 -1.46 0.00	48.33 -1.29 0.00	46.79 -1.25 0.00	46.37 -1.24 0.00	44.85 -1.24 0.00	46.23 -1.28 0.00	47.20 -1.16 0.00	50.36 -1.24 0.00	53.40 -1.31 0.00	50.48 -1.24 0.00	48.57 -1.25 0.00	46.65 -1.20 0.00	44.30 -1.09 0.00	41.46 -1.06 0.00	40.41 -1.04 0.00
PROJECT___ORANGE 2 24166	52.75 -1.52 0.00	49.27 -1.47 0.00	44.46 -1.28 0.00	43.51 -1.30 0.00	41.15 -1.19 0.00	43.14 -1.20 0.00	43.76 -1.21 0.00	39.51 -1.14 0.00	45.67 -1.32 0.00	48.85 -1.46 0.00	48.33 -1.29 0.00	46.79 -1.25 0.00	46.37 -1.24 0.00	44.85 -1.24 0.00	46.23 -1.28 0.00	47.20 -1.16 0.00	50.36 -1.24 0.00	53.40 -1.31 0.00	50.48 -1.24 0.00	48.57 -1.25 0.00	46.65 -1.20 0.00	44.30 -1.09 0.00	41.46 -1.06 0.00	40.41 -1.04 0.00
PUCKETT___SOLAR 323809	54.70 0.43 0.00	51.05 0.31 0.00	46.02 0.28 0.00	44.99 0.18 0.00	42.46 0.13 0.00	44.56 0.22 0.00	45.29 0.32 0.00	40.73 0.08 0.00	47.08 0.09 0.00	50.41 0.10 0.00	49.87 0.25 0.00	48.28 0.24 0.00	47.85 0.24 0.00	46.23 0.14 0.00	47.80 0.29 0.00	48.85 0.48 0.00	52.16 0.57 0.00	55.42 0.71 0.00	52.19 0.46 0.00	50.31 0.50 0.00	48.27 0.43 0.00	45.79 0.41 0.00	42.95 0.43 0.00	41.82 0.37 0.00
PYRITES___HYD 24023	55.63 1.36 0.00	52.17 1.42 0.00	46.98 1.23 0.00	46.07 1.25 0.00	43.39 1.06 0.00	45.22 0.89 0.00	45.51 0.54 0.00	41.38 0.73 0.00	47.51 0.52 0.00	50.96 0.65 0.00	50.41 0.79 0.00	48.81 0.77 0.00	48.37 0.76 0.00	46.88 0.78 0.00	48.32 0.81 0.00	49.09 0.73 0.00	52.42 0.83 0.00	55.31 0.60 0.00	52.19 0.47 0.00	50.16 0.35 0.00	48.27 0.43 0.00	45.84 0.45 0.00	43.51 0.98 0.00	42.61 1.16 0.00
QUAKERRD_115KV_BK1 80622	50.26 -4.02 0.00	46.99 -3.76 0.00	42.31 -3.43 0.00	41.40 -3.41 0.00	39.20 -3.13 0.00	41.19 -3.15 0.00	41.55 -3.42 0.00	37.28 -3.37 0.00	43.09 -3.90 0.00	46.03 -4.28 0.00	45.80 -3.82 0.00	44.34 -3.70 0.00	43.94 -3.67 0.00	42.41 -3.69 0.00	43.71 -3.80 0.00	44.79 -3.58 0.00	47.88 -3.71 0.00	50.72 -3.99 0.00	48.00 -3.72 0.00	46.13 -3.69 0.00	44.30 -3.54 0.00	42.21 -3.18 0.00	39.59 -2.93 0.00	38.71 -2.74 0.00
QUEENSBRY_115KV_TB8 356137	56.71 2.44 0.00	52.67 1.93 0.00	47.43 1.69 0.00	46.47 1.66 0.00	43.94 1.61 0.00	45.88 1.55 0.00	46.73 1.75 0.00	42.19 1.54 0.00	48.82 1.83 0.00	52.42 2.11 0.00	51.75 2.13 0.00	50.01 1.97 0.00	49.51 1.90 0.00	47.80 1.71 0.00	49.32 1.81 0.00	50.15 1.79 0.00	53.61 2.01 0.00	57.17 2.46 0.00	53.89 2.17 0.00	51.75 1.94 0.00	49.66 1.82 0.00	46.84 1.45 0.00	43.72 1.19 0.00	42.44 0.99 0.00
RAMAPO___LBMP 323565	56.71 2.44 0.00	52.93 2.18 0.00	47.71 1.97 0.00	46.74 1.93 0.00	44.07 1.74 0.00	46.24 1.91 0.00	47.08 2.11 0.00	42.68 2.03 0.00	49.48 2.49 0.00	52.93 2.62 0.00	52.20 2.58 0.00	50.49 2.45 0.00	49.99 2.38 0.00	48.45 2.35 0.00	49.94 2.42 0.00	50.88 2.51 0.00	54.33 2.73 0.00	57.66 2.95 0.00	54.51 2.79 0.00	52.60 2.79 0.00	50.47 2.63 0.00	47.75 2.36 0.00	44.61 2.08 0.00	43.27 1.82 0.00
RANKINE____ 23646	49.88 -4.40 0.00	46.58 -4.16 0.00	41.90 -3.84 0.00	40.91 -3.90 0.00	38.82 -3.51 0.00	40.65 -3.68 0.00	40.79 -4.18 0.00	36.14 -4.51 0.00	41.68 -5.31 0.00	44.47 -5.84 0.00	44.31 -5.31 0.00	43.09 -4.95 0.00	42.75 -4.86 0.00	41.35 -4.75 0.00	42.48 -5.04 0.00	43.77 -4.59 0.00	46.85 -4.75 0.00	49.35 -5.36 0.00	46.91 -4.81 0.00	45.13 -4.68 0.00	43.35 -4.50 0.00	41.44 -3.95 0.00	39.25 -3.27 0.00	38.76 -2.69 0.00
RAVENSWOOD_GT2_1 24244	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.49 2.52 0.00	43.13 2.48 0.00	50.04 3.05 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.55 3.04 0.00	51.46 3.10 0.00	54.95 3.35 0.00	58.27 3.56 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.29 2.90 0.00	45.08 2.55 0.00	43.77 2.32 0.00



RAVENSWOOD_GT2_2 24245	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.49 2.52 0.00	43.13 2.48 0.00	50.04 3.05 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.55 3.04 0.00	51.46 3.10 0.00	54.95 3.35 0.00	58.27 3.56 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.29 2.90 0.00	45.08 2.55 0.00	43.77 2.32 0.00
RAVENSWOOD_GT2_3 24246	57.20 2.93 0.00	53.38 2.64 0.00	48.12 2.38 0.00	47.19 2.37 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.53 2.56 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.66 3.05 0.00	49.04 2.95 0.00	50.55 3.04 0.00	51.51 3.14 0.00	55.00 3.41 0.00	58.32 3.61 0.00	55.19 3.47 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.34 2.95 0.00	45.12 2.59 0.00	43.77 2.32 0.00
RAVENSWOOD_GT2_4 24247	57.20 2.93 0.00	53.38 2.64 0.00	48.12 2.38 0.00	47.19 2.37 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.53 2.56 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.66 3.05 0.00	49.04 2.95 0.00	50.55 3.04 0.00	51.51 3.14 0.00	55.00 3.41 0.00	58.32 3.61 0.00	55.19 3.47 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.34 2.95 0.00	45.12 2.59 0.00	43.77 2.32 0.00
RAVENSWOOD_GT3_1 24248	57.20 2.93 0.00	53.38 2.64 0.00	48.12 2.38 0.00	47.14 2.33 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.53 2.56 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.55 3.04 0.00	51.46 3.10 0.00	54.95 3.35 0.00	58.27 3.56 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.29 2.90 0.00	45.08 2.55 0.00	43.77 2.32 0.00
RAVENSWOOD_GT3_2 24249	57.20 2.93 0.00	53.38 2.64 0.00	48.12 2.38 0.00	47.14 2.33 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.53 2.56 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.55 3.04 0.00	51.46 3.10 0.00	54.95 3.35 0.00	58.27 3.56 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.29 2.90 0.00	45.08 2.55 0.00	43.77 2.32 0.00
RAVENSWOOD_GT3_3 24250	57.26 2.98 0.00	53.43 2.69 0.00	48.16 2.42 0.00	47.19 2.37 0.00	44.49 2.16 0.00	46.68 2.35 0.00	47.58 2.61 0.00	43.21 2.56 0.00	50.09 3.10 0.00	53.58 3.27 0.00	52.84 3.23 0.00	51.16 3.12 0.00	50.70 3.09 0.00	49.09 3.00 0.00	50.60 3.09 0.00	51.56 3.19 0.00	55.00 3.41 0.00	58.37 3.67 0.00	55.24 3.52 0.00	53.30 3.49 0.00	51.14 3.30 0.00	48.38 3.00 0.00	45.12 2.59 0.00	43.81 2.36 0.00
RAVENSWOOD_GT3_4 24251	57.26 2.98 0.00	53.43 2.69 0.00	48.16 2.42 0.00	47.19 2.37 0.00	44.49 2.16 0.00	46.68 2.35 0.00	47.58 2.61 0.00	43.21 2.56 0.00	50.09 3.10 0.00	53.58 3.27 0.00	52.84 3.23 0.00	51.16 3.12 0.00	50.70 3.09 0.00	49.09 3.00 0.00	50.60 3.09 0.00	51.56 3.19 0.00	55.00 3.41 0.00	58.37 3.67 0.00	55.24 3.52 0.00	53.30 3.49 0.00	51.14 3.30 0.00	48.38 3.00 0.00	45.12 2.59 0.00	43.81 2.36 0.00
RAVENSWOOD_GT_1 23729	57.37 3.09 0.00	53.78 2.84 -0.19	48.87 2.56 -0.57	48.09 2.55 -0.72	45.64 2.29 -1.02	47.57 2.44 -0.80	48.74 2.70 -1.07	45.10 2.68 -1.77	51.10 3.24 -0.87	54.10 3.42 -0.37	53.52 3.42 -0.48	52.07 3.31 -0.71	51.63 3.24 -0.79	50.24 3.13 -1.01	51.59 3.28 -0.80	52.36 3.34 -0.66	55.33 3.61 -0.13	58.55 3.83 -0.01	55.53 3.67 -0.13	53.89 3.69 -0.40	52.09 3.49 -0.75	49.66 3.13 -1.15	46.86 2.76 -1.57	45.47 2.53 -1.49
RAVENSWOOD_GT_10 24258	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.41 2.07 0.00	46.59 2.26 0.00	47.49 2.52 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.55 3.04 0.00	51.46 3.10 0.00	54.95 3.35 0.00	58.27 3.56 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.29 2.90 0.00	45.08 2.55 0.00	43.77 2.32 0.00
RAVENSWOOD_GT_11 24259	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.41 2.07 0.00	46.59 2.26 0.00	47.49 2.52 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.55 3.04 0.00	51.46 3.10 0.00	54.95 3.35 0.00	58.27 3.56 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.29 2.90 0.00	45.08 2.55 0.00	43.77 2.32 0.00
RAVENSWOOD_GT_4 24252	57.20 2.93 0.00	53.48 2.59 -0.15	48.51 2.33 -0.44	47.69 2.33 -0.55	45.19 2.07 -0.78	47.20 2.26 -0.61	48.30 2.52 -0.81	44.47 2.48 -1.35	50.66 3.01 -0.66	53.76 3.17 -0.28	53.11 3.13 -0.36	51.61 3.03 -0.54	51.16 2.95 -0.60	49.77 2.90 -0.77	51.11 2.99 -0.61	51.96 3.10 -0.50	54.99 3.30 -0.10	58.27 3.56 -0.01	55.18 3.36 -0.10	53.50 3.39 -0.30	51.62 3.21 -0.57	49.16 2.90 -0.87	46.23 2.51 -1.19	44.86 2.28 -1.13
RAVENSWOOD_GT_5 24254	57.20 2.93 0.00	53.48 2.59 -0.15	48.51 2.33 -0.44	47.69 2.33 -0.55	45.19 2.07 -0.78	47.20 2.26 -0.61	48.30 2.52 -0.81	44.47 2.48 -1.35	50.66 3.01 -0.66	53.76 3.17 -0.28	53.11 3.13 -0.36	51.61 3.03 -0.54	51.16 2.95 -0.60	49.77 2.90 -0.77	51.11 2.99 -0.61	51.96 3.10 -0.50	54.99 3.30 -0.10	58.27 3.56 -0.01	55.18 3.36 -0.10	53.50 3.39 -0.30	51.62 3.21 -0.57	49.16 2.90 -0.87	46.23 2.51 -1.19	44.86 2.28 -1.13
RAVENSWOOD_GT_6 24253	57.20 2.93 0.00	53.48 2.59 -0.15	48.51 2.33 -0.44	47.69 2.33 -0.55	45.19 2.07 -0.78	47.20 2.26 -0.61	48.30 2.52 -0.81	44.47 2.48 -1.35	50.66 3.01 -0.66	53.76 3.17 -0.28	53.11 3.13 -0.36	51.61 3.03 -0.54	51.16 2.95 -0.60	49.77 2.90 -0.77	51.11 2.99 -0.61	51.96 3.10 -0.50	54.99 3.30 -0.10	58.27 3.56 -0.01	55.18 3.36 -0.10	53.50 3.39 -0.30	51.62 3.21 -0.57	49.16 2.90 -0.87	46.23 2.51 -1.19	44.86 2.28 -1.13
RAVENSWOOD_GT_7 24255	57.20 2.93 0.00	53.48 2.59 -0.15	48.51 2.33 -0.44	47.69 2.33 -0.55	45.19 2.07 -0.78	47.20 2.26 -0.61	48.30 2.52 -0.81	44.47 2.48 -1.35	50.66 3.01 -0.66	53.76 3.17 -0.28	53.11 3.13 -0.36	51.61 3.03 -0.54	51.16 2.95 -0.60	49.77 2.90 -0.77	51.11 2.99 -0.61	51.96 3.10 -0.50	54.99 3.30 -0.10	58.27 3.56 -0.01	55.18 3.36 -0.10	53.50 3.39 -0.30	51.62 3.21 -0.57	49.16 2.90 -0.87	46.23 2.51 -1.19	44.86 2.28 -1.13
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.41 2.07 0.00	46.59 2.26 0.00	47.49 2.52 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.55 3.04 0.00	51.46 3.10 0.00	54.95 3.35 0.00	58.27 3.56 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.29 2.90 0.00	45.08 2.55 0.00	43.77 2.32 0.00

RAVENSWOOD_GT_9 24257	57.20 2.93 0.00	53.38 2.64 0.00	48.07 2.33 0.00	47.14 2.33 0.00	44.41 2.07 0.00	46.59 2.26 0.00	47.49 2.52 0.00	43.13 2.48 0.00	50.00 3.01 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.11 3.07 0.00	50.61 3.00 0.00	49.00 2.90 0.00	50.55 3.04 0.00	51.46 3.10 0.00	54.95 3.35 0.00	58.27 3.56 0.00	55.13 3.41 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.29 2.90 0.00	45.08 2.55 0.00	43.77 2.32 0.00
RAVENSWOOD___1 23533	57.36 3.09 0.00	53.58 2.84 0.00	48.35 2.61 0.00	47.27 2.46 0.00	44.54 2.20 0.00	46.77 2.44 0.00	47.62 2.65 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.73 3.42 0.00	52.99 3.38 0.00	51.35 3.31 0.00	50.85 3.24 0.00	49.23 3.14 0.00	50.75 3.23 0.00	51.70 3.33 0.00	55.36 3.76 0.00	58.81 4.11 0.00	55.55 3.83 0.00	53.50 3.69 0.00	51.29 3.45 0.00	48.56 3.18 0.00	45.33 2.81 0.00	43.98 2.53 0.00
RAVENSWOOD___2 23534	57.31 3.04 0.00	53.58 2.84 0.00	48.35 2.61 0.00	47.27 2.46 0.00	44.54 2.20 0.00	46.73 2.39 0.00	47.62 2.65 0.00	43.29 2.64 0.00	50.19 3.20 0.00	53.73 3.42 0.00	52.99 3.38 0.00	51.31 3.27 0.00	50.85 3.24 0.00	49.23 3.14 0.00	50.75 3.23 0.00	51.70 3.33 0.00	55.36 3.76 0.00	58.81 4.11 0.00	55.49 3.77 0.00	53.45 3.63 0.00	51.29 3.45 0.00	48.52 3.13 0.00	45.29 2.76 0.00	43.98 2.53 0.00
RAVENSWOOD___3 23535	57.20 2.93 0.00	53.38 2.64 0.00	48.16 2.42 0.00	47.09 2.28 0.00	44.41 2.07 0.00	46.64 2.30 0.00	47.49 2.52 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.53 3.22 0.00	52.79 3.18 0.00	51.12 3.08 0.00	50.61 3.00 0.00	49.00 2.91 0.00	50.56 3.04 0.00	51.51 3.14 0.00	55.11 3.51 0.00	58.54 3.83 0.00	55.29 3.57 0.00	53.25 3.43 0.00	51.10 3.25 0.00	48.33 2.95 0.00	45.12 2.59 0.00	43.77 2.32 0.00
RAVENSWOOD___4 23820	57.31 3.04 0.00	53.34 2.79 0.19	47.78 2.61 0.56	46.56 2.46 0.71	43.53 2.20 1.00	45.94 2.39 0.79	46.53 2.61 1.05	41.55 2.64 1.74	49.33 3.20 0.86	53.32 3.37 0.36	52.52 3.38 0.47	50.60 3.27 0.70	50.02 3.19 0.78	48.18 3.09 1.00	49.96 3.23 0.78	51.05 3.33 0.65	55.19 3.72 0.12	58.81 4.11 0.01	55.36 3.77 0.13	53.06 3.63 0.39	50.55 3.45 0.74	47.39 3.13 1.13	43.75 2.76 1.54	42.47 2.49 1.47
RCPL_TRUST___DRP 24196	57.31 3.04 0.00	53.43 2.69 0.00	48.12 2.38 0.00	47.19 2.37 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.53 2.56 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.58 3.27 0.00	52.84 3.23 0.00	51.16 3.12 0.00	50.66 3.05 0.00	49.04 2.95 0.00	50.55 3.04 0.00	51.51 3.14 0.00	55.00 3.41 0.00	58.32 3.61 0.00	55.19 3.47 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.34 2.95 0.00	45.12 2.59 0.00	43.77 2.32 0.00
RED___ROCHESTER 323720	51.23 -3.04 0.00	47.85 -2.89 0.00	43.09 -2.65 0.00	42.21 -2.60 0.00	39.88 -2.46 0.00	41.94 -2.39 0.00	42.41 -2.56 0.00	37.80 -2.85 0.00	43.75 -3.24 0.00	46.79 -3.52 0.00	46.54 -3.08 0.00	45.06 -2.98 0.00	44.70 -2.91 0.00	43.14 -2.95 0.00	44.38 -3.14 0.00	45.51 -2.85 0.00	48.35 -3.25 0.00	51.65 -3.06 0.00	48.56 -3.16 0.00	46.97 -2.84 0.00	45.12 -2.73 0.00	42.85 -2.54 0.00	40.57 -1.96 0.00	39.54 -1.91 0.00
REGAN___SOLAR 323812	58.23 3.96 0.00	54.14 3.40 0.00	48.76 3.02 0.00	47.54 2.73 0.00	44.96 2.63 0.00	47.21 2.88 0.00	48.07 3.10 0.00	43.29 2.64 0.00	50.09 3.10 0.00	53.53 3.22 0.00	52.84 3.22 0.00	50.97 2.93 0.00	50.37 2.76 0.00	48.77 2.67 0.00	50.36 2.85 0.00	51.56 3.19 0.00	55.41 3.82 0.00	58.98 4.27 0.00	55.65 3.93 0.00	53.40 3.59 0.00	51.24 3.40 0.00	48.38 2.99 0.00	45.25 2.72 0.00	43.85 2.40 0.00
RENSSELAER___COGEN 23796	56.12 1.85 0.00	52.32 1.57 0.00	47.25 1.51 0.00	46.29 1.48 0.00	43.73 1.39 0.00	45.84 1.51 0.00	46.54 1.57 0.00	42.11 1.46 0.00	48.73 1.74 0.00	52.17 1.86 0.00	51.16 1.54 0.00	49.53 1.49 0.00	49.09 1.48 0.00	47.52 1.43 0.00	48.99 1.47 0.00	49.62 1.26 0.00	52.89 1.29 0.00	56.41 1.70 0.00	53.12 1.40 0.00	51.16 1.35 0.00	49.23 1.39 0.00	46.70 1.32 0.00	43.68 1.15 0.00	42.53 1.08 0.00
REPUBLIC_115KV_BARTNBRK 55605	58.34 4.07 0.00	54.09 3.35 0.00	48.58 2.84 0.00	47.45 2.64 0.00	44.92 2.58 0.00	47.04 2.70 0.00	47.98 3.01 0.00	43.21 2.56 0.00	50.04 3.05 0.00	53.93 3.62 0.00	53.39 3.77 0.00	51.59 3.55 0.00	50.99 3.38 0.00	49.14 3.04 0.00	50.74 3.23 0.00	51.56 3.19 0.00	55.21 3.61 0.00	58.87 4.16 0.00	55.50 3.78 0.00	53.10 3.29 0.00	50.95 3.11 0.00	47.93 2.54 0.00	44.74 2.21 0.00	43.36 1.91 0.00
REVERE_CPPR_DRP 24186	55.52 1.25 0.00	51.86 1.12 0.00	46.75 1.01 0.00	45.75 0.94 0.00	43.18 0.85 0.00	45.26 0.93 0.00	46.14 1.17 0.00	41.67 1.02 0.00	48.21 1.22 0.00	51.62 1.31 0.00	50.96 1.34 0.00	49.24 1.20 0.00	48.85 1.24 0.00	47.15 1.06 0.00	48.94 1.43 0.00	49.82 1.45 0.00	53.30 1.70 0.00	56.41 1.70 0.00	53.12 1.40 0.00	51.11 1.30 0.00	49.04 1.20 0.00	46.52 1.13 0.00	43.59 1.06 0.00	42.36 0.91 0.00
REYNOLDS_115KV_TB3 80639	56.39 2.12 0.00	52.57 1.83 0.00	47.43 1.69 0.00	46.51 1.70 0.00	43.94 1.61 0.00	46.06 1.73 0.00	46.82 1.84 0.00	42.32 1.67 0.00	49.01 2.02 0.00	52.47 2.16 0.00	51.35 1.74 0.00	49.67 1.63 0.00	49.23 1.62 0.00	47.71 1.61 0.00	49.13 1.62 0.00	49.86 1.50 0.00	53.09 1.50 0.00	56.62 1.91 0.00	53.43 1.71 0.00	51.50 1.69 0.00	49.52 1.67 0.00	46.88 1.50 0.00	43.85 1.32 0.00	42.69 1.24 0.00
RIVERBAY____ 323610	57.64 3.36 0.00	53.84 3.10 0.00	48.58 2.84 0.00	47.59 2.78 0.00	44.79 2.46 0.00	46.90 2.57 0.00	47.80 2.83 0.00	43.45 2.80 0.00	50.33 3.34 0.00	53.88 3.57 0.00	53.19 3.57 0.00	51.50 3.46 0.00	51.09 3.48 0.00	49.41 3.32 0.00	50.98 3.47 0.00	51.90 3.53 0.00	55.47 3.87 0.00	58.81 4.10 0.00	55.60 3.88 0.00	53.70 3.89 0.00	51.48 3.64 0.00	48.70 3.31 0.00	45.50 2.98 0.00	44.27 2.82 0.00
RIVERSDE_115KV_TB3 55908	56.33 2.06 0.00	52.52 1.78 0.00	47.39 1.65 0.00	46.47 1.66 0.00	43.90 1.57 0.00	46.02 1.68 0.00	46.77 1.80 0.00	42.23 1.59 0.00	48.92 1.93 0.00	52.37 2.06 0.00	51.30 1.69 0.00	49.67 1.63 0.00	49.23 1.62 0.00	47.71 1.61 0.00	49.13 1.62 0.00	49.82 1.45 0.00	53.04 1.44 0.00	56.51 1.81 0.00	53.32 1.60 0.00	51.41 1.59 0.00	49.42 1.58 0.00	46.84 1.45 0.00	43.80 1.28 0.00	42.65 1.20 0.00
ROARING___BROOK_WT_PWR 323790	53.51 -0.76 0.00	50.03 -0.71 0.00	45.06 -0.68 0.00	44.18 -0.63 0.00	41.74 -0.59 0.00	43.67 -0.66 0.00	44.25 -0.72 0.00	40.04 -0.61 0.00	46.24 -0.75 0.00	49.56 -0.75 0.00	48.92 -0.69 0.00	47.41 -0.63 0.00	47.04 -0.57 0.00	45.63 -0.46 0.00	47.04 -0.48 0.00	47.83 -0.53 0.00	51.03 -0.57 0.00	54.00 -0.71 0.00	51.05 -0.67 0.00	49.11 -0.70 0.00	47.17 -0.67 0.00	44.75 -0.64 0.00	41.93 -0.60 0.00	40.99 -0.46 0.00

ROCHESRG_115KV_T4 355643	50.74 -3.53 0.00	47.45 -3.30 0.00	42.72 -3.02 0.00	41.76 -3.05 0.00	39.54 -2.79 0.00	41.54 -2.79 0.00	41.87 -3.10 0.00	37.48 -3.17 0.00	43.32 -3.67 0.00	46.29 -4.02 0.00	45.99 -3.62 0.00	44.58 -3.46 0.00	44.18 -3.43 0.00	42.68 -3.41 0.00	43.95 -3.56 0.00	45.03 -3.34 0.00	48.19 -3.41 0.00	50.99 -3.72 0.00	48.36 -3.36 0.00	46.42 -3.39 0.00	44.59 -3.25 0.00	42.53 -2.86 0.00	39.98 -2.55 0.00	39.17 -2.28 0.00
ROCHESTER_9_IC 23652	50.96 -3.31 0.00	47.65 -3.10 0.00	42.90 -2.84 0.00	41.94 -2.87 0.00	39.75 -2.58 0.00	41.76 -2.57 0.00	42.09 -2.88 0.00	37.64 -3.01 0.00	43.56 -3.43 0.00	46.49 -3.82 0.00	46.29 -3.32 0.00	44.82 -3.22 0.00	44.47 -3.14 0.00	42.91 -3.18 0.00	44.19 -3.33 0.00	45.32 -3.05 0.00	48.50 -3.10 0.00	51.32 -3.39 0.00	48.67 -3.05 0.00	46.72 -3.09 0.00	44.88 -2.97 0.00	42.75 -2.63 0.00	40.19 -2.34 0.00	39.38 -2.07 0.00
ROCKVIEW_13_KV_LD 356306	57.37 3.09 0.00	53.54 2.79 0.00	48.26 2.52 0.00	47.32 2.51 0.00	44.58 2.24 0.00	46.77 2.44 0.00	47.62 2.65 0.00	43.21 2.56 0.00	50.09 3.10 0.00	53.63 3.32 0.00	52.89 3.27 0.00	51.16 3.12 0.00	50.66 3.05 0.00	49.09 3.00 0.00	50.60 3.09 0.00	51.56 3.19 0.00	55.05 3.46 0.00	58.43 3.72 0.00	55.24 3.52 0.00	53.30 3.49 0.00	51.14 3.30 0.00	48.38 3.00 0.00	45.16 2.64 0.00	43.85 2.40 0.00
ROME____115KV_TB2 80656	55.52 1.25 0.00	51.86 1.12 0.00	46.75 1.01 0.00	45.75 0.94 0.00	43.18 0.85 0.00	45.26 0.93 0.00	46.14 1.17 0.00	41.67 1.02 0.00	48.21 1.22 0.00	51.62 1.31 0.00	50.96 1.34 0.00	49.24 1.20 0.00	48.85 1.24 0.00	47.15 1.06 0.00	48.94 1.43 0.00	49.82 1.45 0.00	53.30 1.70 0.00	56.41 1.70 0.00	53.12 1.40 0.00	51.11 1.30 0.00	49.04 1.20 0.00	46.52 1.13 0.00	43.59 1.06 0.00	42.36 0.91 0.00
ROSETON___1 23587	56.77 2.50 0.00	52.97 2.23 0.00	47.80 2.06 0.00	46.78 1.97 0.00	44.15 1.82 0.00	46.28 1.95 0.00	47.09 2.11 0.00	42.72 2.07 0.00	49.48 2.49 0.00	52.98 2.66 0.00	52.15 2.53 0.00	50.49 2.45 0.00	49.99 2.38 0.00	48.40 2.30 0.00	49.94 2.42 0.00	50.88 2.51 0.00	54.43 2.84 0.00	57.88 3.17 0.00	54.62 2.89 0.00	52.60 2.79 0.00	50.47 2.63 0.00	47.79 2.40 0.00	44.61 2.08 0.00	43.32 1.87 0.00
ROSETON___2 23588	56.77 2.50 0.00	52.97 2.23 0.00	47.80 2.06 0.00	46.78 1.97 0.00	44.15 1.82 0.00	46.28 1.95 0.00	47.09 2.11 0.00	42.72 2.07 0.00	49.48 2.49 0.00	52.98 2.66 0.00	52.15 2.53 0.00	50.49 2.45 0.00	49.99 2.38 0.00	48.40 2.30 0.00	49.94 2.42 0.00	50.88 2.51 0.00	54.43 2.84 0.00	57.88 3.17 0.00	54.62 2.89 0.00	52.60 2.79 0.00	50.47 2.63 0.00	47.79 2.40 0.00	44.61 2.08 0.00	43.32 1.87 0.00
ROTRRDAM_115KV_TB3 80664	55.90 1.63 0.00	52.17 1.42 0.00	47.02 1.28 0.00	46.07 1.25 0.00	43.52 1.19 0.00	45.57 1.24 0.00	46.32 1.35 0.00	41.83 1.18 0.00	48.40 1.41 0.00	51.82 1.51 0.00	51.01 1.39 0.00	49.34 1.30 0.00	48.90 1.29 0.00	47.29 1.20 0.00	48.80 1.28 0.00	49.72 1.35 0.00	53.09 1.50 0.00	56.46 1.75 0.00	53.32 1.60 0.00	51.31 1.49 0.00	49.28 1.44 0.00	46.66 1.27 0.00	43.63 1.11 0.00	42.44 0.99 0.00
RUSSELL___1 23602	51.23 -3.04 0.00	47.85 -2.89 0.00	43.09 -2.65 0.00	42.12 -2.69 0.00	39.88 -2.46 0.00	41.94 -2.39 0.00	42.27 -2.70 0.00	37.80 -2.85 0.00	43.75 -3.24 0.00	46.74 -3.57 0.00	46.54 -3.08 0.00	45.06 -2.98 0.00	44.71 -2.90 0.00	43.14 -2.95 0.00	44.42 -3.09 0.00	45.56 -2.81 0.00	48.76 -2.84 0.00	51.65 -3.06 0.00	48.98 -2.74 0.00	46.97 -2.84 0.00	45.12 -2.73 0.00	43.03 -2.36 0.00	40.40 -2.13 0.00	39.54 -1.91 0.00
RUSSELL___2 23532	51.23 -3.04 0.00	47.85 -2.89 0.00	43.09 -2.65 0.00	42.12 -2.69 0.00	39.88 -2.46 0.00	41.94 -2.39 0.00	42.27 -2.70 0.00	37.80 -2.85 0.00	43.75 -3.24 0.00	46.74 -3.57 0.00	46.54 -3.08 0.00	45.06 -2.98 0.00	44.71 -2.90 0.00	43.14 -2.95 0.00	44.42 -3.09 0.00	45.56 -2.81 0.00	48.76 -2.84 0.00	51.65 -3.06 0.00	48.98 -2.74 0.00	46.97 -2.84 0.00	45.12 -2.73 0.00	43.03 -2.36 0.00	40.40 -2.13 0.00	39.54 -1.91 0.00
RUSSELL___3 23549	51.23 -3.04 0.00	47.85 -2.89 0.00	43.09 -2.65 0.00	42.12 -2.69 0.00	39.88 -2.46 0.00	41.94 -2.39 0.00	42.27 -2.70 0.00	37.80 -2.85 0.00	43.75 -3.24 0.00	46.74 -3.57 0.00	46.54 -3.08 0.00	45.06 -2.98 0.00	44.71 -2.90 0.00	43.14 -2.95 0.00	44.42 -3.09 0.00	45.56 -2.81 0.00	48.76 -2.84 0.00	51.65 -3.06 0.00	48.98 -2.74 0.00	46.97 -2.84 0.00	45.12 -2.73 0.00	43.03 -2.36 0.00	40.40 -2.13 0.00	39.54 -1.91 0.00
RUSSELL___4 23556	51.23 -3.04 0.00	47.85 -2.89 0.00	43.09 -2.65 0.00	42.12 -2.69 0.00	39.88 -2.46 0.00	41.94 -2.39 0.00	42.27 -2.70 0.00	37.80 -2.85 0.00	43.75 -3.24 0.00	46.74 -3.57 0.00	46.54 -3.08 0.00	45.06 -2.98 0.00	44.71 -2.90 0.00	43.14 -2.95 0.00	44.42 -3.09 0.00	45.56 -2.81 0.00	48.76 -2.84 0.00	51.65 -3.06 0.00	48.98 -2.74 0.00	46.97 -2.84 0.00	45.12 -2.73 0.00	43.03 -2.36 0.00	40.40 -2.13 0.00	39.54 -1.91 0.00
RUSSELL___STATION 23914	51.23 -3.04 0.00	47.85 -2.89 0.00	43.09 -2.65 0.00	42.12 -2.69 0.00	39.88 -2.46 0.00	41.94 -2.39 0.00	42.27 -2.70 0.00	37.80 -2.85 0.00	43.75 -3.24 0.00	46.74 -3.57 0.00	46.54 -3.08 0.00	45.06 -2.98 0.00	44.71 -2.90 0.00	43.14 -2.95 0.00	44.42 -3.09 0.00	45.56 -2.81 0.00	48.76 -2.84 0.00	51.65 -3.06 0.00	48.98 -2.74 0.00	46.97 -2.84 0.00	45.12 -2.73 0.00	43.03 -2.36 0.00	40.40 -2.13 0.00	39.54 -1.91 0.00
S SALMON___HYD 24043	52.92 -1.35 0.00	49.38 -1.37 0.00	44.51 -1.23 0.00	43.56 -1.25 0.00	41.15 -1.19 0.00	43.05 -1.29 0.00	43.67 -1.31 0.00	39.43 -1.22 0.00	45.58 -1.41 0.00	48.90 -1.41 0.00	48.33 -1.29 0.00	46.84 -1.20 0.00	46.42 -1.19 0.00	44.85 -1.24 0.00	46.42 -1.09 0.00	47.35 -1.02 0.00	50.51 -1.09 0.00	53.51 -1.20 0.00	50.43 -1.29 0.00	48.57 -1.24 0.00	46.60 -1.24 0.00	44.34 -1.04 0.00	41.63 -0.90 0.00	40.45 -1.00 0.00
S.PERRY__115KV_TB1 80734	52.75 -1.52 0.00	49.27 -1.47 0.00	44.32 -1.42 0.00	43.24 -1.57 0.00	40.98 -1.35 0.00	43.09 -1.24 0.00	43.44 -1.53 0.00	38.82 -1.83 0.00	44.78 -2.21 0.00	47.54 -2.77 0.00	47.33 -2.28 0.00	45.92 -2.11 0.00	45.47 -2.14 0.00	43.88 -2.21 0.00	45.33 -2.19 0.00	46.72 -1.64 0.00	50.20 -1.39 0.00	53.34 -1.37 0.00	50.53 -1.19 0.00	48.47 -1.34 0.00	46.55 -1.29 0.00	44.43 -0.95 0.00	41.59 -0.94 0.00	40.70 -0.75 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.28 -4.99 0.00	46.03 -4.72 0.00	41.40 -4.35 0.00	40.42 -4.39 0.00	38.40 -3.94 0.00	40.21 -4.12 0.00	40.34 -4.63 0.00	35.73 -4.92 0.00	41.21 -5.78 0.00	43.97 -6.34 0.00	43.81 -5.81 0.00	42.61 -5.43 0.00	42.23 -5.38 0.00	40.84 -5.25 0.00	41.91 -5.61 0.00	43.19 -5.18 0.00	46.23 -5.37 0.00	48.64 -6.07 0.00	46.29 -5.43 0.00	44.53 -5.28 0.00	42.77 -5.07 0.00	40.94 -4.45 0.00	38.78 -3.74 0.00	38.30 -3.15 0.00

SAWYER___23_KV_LOAD 55526	49.28 -4.99 0.00	46.03 -4.72 0.00	41.40 -4.35 0.00	40.42 -4.39 0.00	38.40 -3.94 0.00	40.21 -4.12 0.00	40.34 -4.63 0.00	35.73 -4.92 0.00	41.21 -5.78 0.00	43.97 -6.34 0.00	43.81 -5.81 0.00	42.61 -5.43 0.00	42.23 -5.38 0.00	40.84 -5.25 0.00	41.91 -5.61 0.00	43.19 -5.18 0.00	46.23 -5.37 0.00	48.64 -6.07 0.00	46.29 -5.43 0.00	44.53 -5.28 0.00	42.77 -5.07 0.00	40.94 -4.45 0.00	38.78 -3.74 0.00	38.30 -3.15 0.00
SELKIRK___I 23801	56.22 1.95 0.00	52.42 1.67 0.00	47.30 1.56 0.00	46.29 1.48 0.00	43.73 1.39 0.00	45.84 1.51 0.00	46.54 1.57 0.00	42.03 1.38 0.00	48.63 1.64 0.00	52.07 1.76 0.00	51.16 1.54 0.00	49.48 1.44 0.00	49.09 1.48 0.00	47.52 1.43 0.00	48.99 1.47 0.00	49.72 1.35 0.00	53.04 1.44 0.00	56.46 1.75 0.00	53.22 1.50 0.00	51.26 1.45 0.00	49.28 1.43 0.00	46.75 1.36 0.00	43.76 1.23 0.00	42.61 1.16 0.00
SELKIRK___II 23799	56.01 1.74 0.00	52.22 1.47 0.00	47.16 1.42 0.00	46.15 1.34 0.00	43.60 1.27 0.00	45.71 1.38 0.00	46.41 1.44 0.00	41.95 1.30 0.00	48.59 1.60 0.00	52.02 1.71 0.00	51.06 1.44 0.00	49.43 1.39 0.00	48.99 1.38 0.00	47.43 1.34 0.00	48.89 1.38 0.00	49.62 1.26 0.00	52.93 1.34 0.00	56.35 1.64 0.00	53.17 1.45 0.00	51.20 1.39 0.00	49.23 1.39 0.00	46.66 1.27 0.00	43.68 1.15 0.00	42.49 1.04 0.00
SENECA OSWGO___HYD 24041	52.37 -1.90 0.00	48.87 -1.88 0.00	44.10 -1.64 0.00	43.15 -1.66 0.00	40.77 -1.57 0.00	42.74 -1.59 0.00	43.40 -1.58 0.00	39.19 -1.46 0.00	45.30 -1.69 0.00	48.50 -1.81 0.00	47.93 -1.69 0.00	46.41 -1.63 0.00	45.99 -1.62 0.00	44.48 -1.61 0.00	45.85 -1.66 0.00	46.77 -1.59 0.00	49.84 -1.75 0.00	53.01 -1.70 0.00	50.02 -1.71 0.00	48.17 -1.64 0.00	46.27 -1.58 0.00	43.89 -1.50 0.00	41.16 -1.36 0.00	40.04 -1.41 0.00
SENECA___115KV_TB3 355854	49.98 -4.29 0.00	46.68 -4.06 0.00	41.94 -3.80 0.00	40.96 -3.85 0.00	38.91 -3.43 0.00	40.74 -3.59 0.00	40.88 -4.09 0.00	36.18 -4.47 0.00	41.73 -5.26 0.00	44.52 -5.79 0.00	44.36 -5.26 0.00	43.19 -4.85 0.00	42.85 -4.76 0.00	41.44 -4.66 0.00	42.52 -4.99 0.00	43.87 -4.50 0.00	46.90 -4.70 0.00	49.40 -5.31 0.00	46.96 -4.76 0.00	45.18 -4.63 0.00	43.44 -4.40 0.00	41.48 -3.90 0.00	39.30 -3.23 0.00	38.84 -2.61 0.00
SENECA___ENERGY 23797	52.37 -1.90 0.00	48.87 -1.88 0.00	44.14 -1.60 0.00	43.20 -1.61 0.00	40.81 -1.52 0.00	42.87 -1.46 0.00	43.49 -1.48 0.00	39.06 -1.59 0.00	45.11 -1.88 0.00	48.25 -2.06 0.00	47.78 -1.83 0.00	46.31 -1.73 0.00	45.90 -1.71 0.00	44.34 -1.75 0.00	45.71 -1.81 0.00	46.72 -1.64 0.00	49.69 -1.91 0.00	52.96 -1.75 0.00	49.91 -1.81 0.00	48.12 -1.69 0.00	46.27 -1.58 0.00	43.93 -1.45 0.00	41.25 -1.27 0.00	40.21 -1.24 0.00
SHOEMAKER___GT 23640	56.45 2.17 0.00	52.67 1.93 0.00	47.52 1.78 0.00	46.47 1.66 0.00	43.86 1.52 0.00	46.02 1.68 0.00	46.77 1.80 0.00	42.40 1.75 0.00	49.06 2.07 0.00	52.52 2.21 0.00	51.75 2.13 0.00	50.10 2.06 0.00	49.61 2.00 0.00	48.03 1.94 0.00	49.51 2.00 0.00	50.49 2.13 0.00	54.07 2.48 0.00	57.44 2.73 0.00	54.20 2.48 0.00	52.20 2.39 0.00	50.09 2.25 0.00	47.48 2.09 0.00	44.31 1.79 0.00	43.02 1.57 0.00
SHOEMAKR_138KV_BK 111 55601	56.39 2.12 0.00	52.67 1.93 0.00	47.43 1.69 0.00	46.47 1.66 0.00	43.86 1.52 0.00	45.97 1.64 0.00	46.77 1.80 0.00	42.40 1.75 0.00	49.06 2.07 0.00	52.52 2.21 0.00	51.75 2.13 0.00	50.10 2.07 0.00	49.61 2.00 0.00	48.03 1.94 0.00	49.51 2.00 0.00	50.44 2.08 0.00	53.92 2.32 0.00	57.23 2.52 0.00	54.10 2.38 0.00	52.20 2.39 0.00	50.09 2.25 0.00	47.38 2.00 0.00	44.27 1.74 0.00	43.02 1.58 0.00
SHOREHAM_IC_1 23715	59.65 5.37 0.00	55.41 4.67 0.00	50.36 4.62 0.00	49.20 4.39 0.00	46.53 4.19 0.00	48.63 4.30 0.00	49.56 4.59 0.00	45.37 4.71 -0.01	53.98 5.54 -1.45	63.00 5.68 -7.00	56.51 5.80 -1.09	56.54 5.71 -2.79	56.20 5.19 -3.40	55.10 4.98 -4.03	57.63 5.70 -4.41	56.10 5.95 -1.79	58.05 6.45 -0.01	61.66 6.95 0.00	58.13 6.41 0.00	56.41 5.97 -0.63	54.42 5.45 -1.12	51.23 5.17 -0.67	47.03 4.51 0.00	45.43 3.98 0.00
SHOREHAM_IC_2 23716	59.65 5.37 0.00	55.41 4.67 0.00	50.36 4.62 0.00	49.20 4.39 0.00	46.53 4.19 0.00	48.63 4.30 0.00	49.56 4.59 0.00	45.37 4.71 -0.01	53.98 5.54 -1.45	63.00 5.68 -7.00	56.51 5.80 -1.09	56.54 5.71 -2.79	56.20 5.19 -3.40	55.10 4.98 -4.03	57.63 5.70 -4.41	56.10 5.95 -1.79	58.05 6.45 -0.01	61.66 6.95 0.00	58.13 6.41 0.00	56.41 5.97 -0.63	54.42 5.45 -1.12	51.23 5.17 -0.67	47.03 4.51 0.00	45.43 3.98 0.00
SISSONVILLE____ 23735	54.44 0.16 0.00	51.00 0.25 0.00	45.97 0.23 0.00	45.12 0.31 0.00	42.50 0.17 0.00	44.29 -0.04 0.00	44.43 -0.54 0.00	40.41 -0.24 0.00	46.38 -0.61 0.00	49.81 -0.50 0.00	49.27 -0.35 0.00	47.70 -0.34 0.00	47.28 -0.33 0.00	45.82 -0.28 0.00	47.18 -0.33 0.00	47.93 -0.44 0.00	51.08 -0.52 0.00	54.00 -0.71 0.00	50.94 -0.78 0.00	49.01 -0.80 0.00	47.17 -0.67 0.00	44.80 -0.59 0.00	42.57 0.04 0.00	41.78 0.33 0.00
SITHE_IND_GS1 24169	51.83 -2.44 0.00	48.41 -2.33 0.00	43.64 -2.10 0.00	42.75 -2.06 0.00	40.39 -1.95 0.00	42.34 -1.99 0.00	42.99 -1.98 0.00	38.78 -1.87 0.00	44.83 -2.16 0.00	47.95 -2.36 0.00	47.38 -2.23 0.00	45.88 -2.16 0.00	45.47 -2.14 0.00	43.97 -2.12 0.00	45.33 -2.18 0.00	46.24 -2.13 0.00	49.27 -2.32 0.00	52.36 -2.35 0.00	49.39 -2.33 0.00	47.62 -2.19 0.00	45.74 -2.10 0.00	43.39 -2.00 0.00	40.74 -1.78 0.00	39.67 -1.78 0.00
SITHE_IND_GS2 24170	51.83 -2.44 0.00	48.41 -2.33 0.00	43.64 -2.10 0.00	42.75 -2.06 0.00	40.39 -1.95 0.00	42.34 -1.99 0.00	42.99 -1.98 0.00	38.78 -1.87 0.00	44.83 -2.16 0.00	47.95 -2.36 0.00	47.38 -2.23 0.00	45.88 -2.16 0.00	45.47 -2.14 0.00	43.97 -2.12 0.00	45.33 -2.18 0.00	46.24 -2.13 0.00	49.27 -2.32 0.00	52.36 -2.35 0.00	49.39 -2.33 0.00	47.62 -2.19 0.00	45.74 -2.10 0.00	43.39 -2.00 0.00	40.74 -1.78 0.00	39.67 -1.78 0.00
SITHE_IND_GS3 24171	51.83 -2.44 0.00	48.41 -2.33 0.00	43.64 -2.10 0.00	42.75 -2.06 0.00	40.39 -1.95 0.00	42.34 -1.99 0.00	42.99 -1.98 0.00	38.78 -1.87 0.00	44.83 -2.16 0.00	47.95 -2.36 0.00	47.38 -2.23 0.00	45.88 -2.16 0.00	45.47 -2.14 0.00	43.97 -2.12 0.00	45.33 -2.18 0.00	46.24 -2.13 0.00	49.27 -2.32 0.00	52.36 -2.35 0.00	49.39 -2.33 0.00	47.62 -2.19 0.00	45.74 -2.10 0.00	43.39 -2.00 0.00	40.74 -1.78 0.00	39.67 -1.78 0.00
SITHE_IND_GS4 24172	51.83 -2.44 0.00	48.41 -2.33 0.00	43.64 -2.10 0.00	42.75 -2.06 0.00	40.39 -1.95 0.00	42.34 -1.99 0.00	42.99 -1.98 0.00	38.78 -1.87 0.00	44.83 -2.16 0.00	47.95 -2.36 0.00	47.38 -2.23 0.00	45.88 -2.16 0.00	45.47 -2.14 0.00	43.97 -2.12 0.00	45.33 -2.18 0.00	46.24 -2.13 0.00	49.27 -2.32 0.00	52.36 -2.35 0.00	49.39 -2.33 0.00	47.62 -2.19 0.00	45.74 -2.10 0.00	43.39 -2.00 0.00	40.74 -1.78 0.00	39.67 -1.78 0.00

SITHE___BATAVIA 24024	50.53 -3.74 0.00	47.24 -3.50 0.00	42.45 -3.29 0.00	41.58 -3.23 0.00	39.37 -2.96 0.00	41.36 -2.97 0.00	41.73 -3.24 0.00	36.87 -3.78 0.00	42.62 -4.37 0.00	45.53 -4.78 0.00	45.40 -4.22 0.00	44.00 -4.04 0.00	43.61 -4.00 0.00	42.08 -4.01 0.00	43.24 -4.28 0.00	44.49 -3.87 0.00	47.16 -4.44 0.00	50.55 -4.16 0.00	47.43 -4.29 0.00	46.02 -3.79 0.00	44.25 -3.59 0.00	42.03 -3.36 0.00	40.10 -2.42 0.00	39.21 -2.24 0.00
SITHE___INDEPEND 23800	51.83 -2.44 0.00	48.41 -2.33 0.00	43.64 -2.10 0.00	42.75 -2.06 0.00	40.39 -1.95 0.00	42.34 -1.99 0.00	42.95 -2.02 0.00	38.78 -1.87 0.00	44.83 -2.16 0.00	47.95 -2.36 0.00	47.38 -2.23 0.00	45.88 -2.16 0.00	45.47 -2.14 0.00	43.97 -2.12 0.00	45.33 -2.19 0.00	46.24 -2.13 0.00	49.33 -2.27 0.00	52.30 -2.41 0.00	49.50 -2.22 0.00	47.62 -2.19 0.00	45.74 -2.11 0.00	43.43 -1.95 0.00	40.70 -1.83 0.00	39.67 -1.78 0.00
SITHE___MASSENA 23902	55.09 0.82 0.00	51.66 0.91 0.00	46.52 0.78 0.00	45.66 0.85 0.00	43.18 0.85 0.00	45.00 0.67 0.00	45.33 0.36 0.00	41.18 0.53 0.00	47.27 0.28 0.00	50.71 0.40 0.00	50.16 0.55 0.00	48.62 0.58 0.00	48.18 0.57 0.00	46.69 0.60 0.00	48.04 0.52 0.00	48.80 0.43 0.00	51.96 0.36 0.00	54.76 0.05 0.00	51.93 0.21 0.00	49.96 0.15 0.00	48.08 0.24 0.00	45.66 0.27 0.00	42.87 0.34 0.00	42.28 0.83 0.00
SITHE___OGDNSBRG 24021	55.68 1.41 0.00	52.22 1.47 0.00	47.07 1.33 0.00	46.15 1.34 0.00	43.52 1.19 0.00	45.40 1.06 0.00	45.74 0.76 0.00	41.54 0.89 0.00	47.69 0.70 0.00	51.17 0.86 0.00	50.56 0.94 0.00	48.95 0.91 0.00	48.51 0.90 0.00	47.02 0.92 0.00	48.46 0.95 0.00	49.24 0.87 0.00	52.58 0.98 0.00	55.53 0.82 0.00	52.39 0.67 0.00	50.41 0.60 0.00	48.47 0.62 0.00	46.02 0.64 0.00	43.68 1.15 0.00	42.73 1.28 0.00
SITHE___STERLING 23777	55.14 0.87 0.00	51.51 0.76 0.00	46.43 0.69 0.00	45.44 0.63 0.00	42.93 0.59 0.00	45.00 0.67 0.00	45.82 0.85 0.00	41.38 0.73 0.00	47.88 0.89 0.00	51.22 0.91 0.00	50.56 0.94 0.00	48.90 0.87 0.00	48.47 0.86 0.00	46.83 0.74 0.00	48.51 1.00 0.00	49.43 1.06 0.00	52.78 1.19 0.00	55.91 1.20 0.00	52.65 0.93 0.00	50.71 0.90 0.00	48.66 0.81 0.00	46.16 0.77 0.00	43.25 0.72 0.00	42.03 0.58 0.00
SLEIGHT__34_KV_TB1 80719	51.61 -2.66 0.00	48.21 -2.54 0.00	43.41 -2.33 0.00	42.44 -2.37 0.00	40.18 -2.16 0.00	42.25 -2.08 0.00	42.68 -2.29 0.00	38.37 -2.28 0.00	44.36 -2.63 0.00	47.44 -2.87 0.00	47.19 -2.43 0.00	45.68 -2.35 0.00	45.28 -2.33 0.00	43.70 -2.40 0.00	45.04 -2.47 0.00	46.09 -2.27 0.00	49.27 -2.32 0.00	52.19 -2.52 0.00	49.44 -2.28 0.00	47.47 -2.34 0.00	45.59 -2.25 0.00	43.39 -2.00 0.00	40.66 -1.87 0.00	39.71 -1.74 0.00
SOUTH CAIRO___GT 23612	58.40 4.12 0.00	54.45 3.70 0.00	48.99 3.25 0.00	47.90 3.09 0.00	45.21 2.88 0.00	47.48 3.15 0.00	48.34 3.37 0.00	43.49 2.85 0.00	50.37 3.38 0.00	53.88 3.57 0.00	53.04 3.42 0.00	51.31 3.27 0.00	50.66 3.05 0.00	48.95 2.86 0.00	50.51 2.99 0.00	51.41 3.05 0.00	55.16 3.56 0.00	58.59 3.88 0.00	55.19 3.47 0.00	53.25 3.44 0.00	51.19 3.35 0.00	48.43 3.04 0.00	45.21 2.68 0.00	44.10 2.65 0.00
SOUTH HAMPTN___IC 23720	60.08 5.81 0.00	55.87 5.12 0.00	50.77 5.03 0.00	49.61 4.80 0.00	46.87 4.53 0.00	48.99 4.65 0.00	49.96 4.99 0.00	45.74 5.08 -0.01	54.45 6.02 -1.44	63.49 6.19 -6.99	57.00 6.30 -1.09	57.07 6.24 -2.79	56.77 5.76 -3.40	55.70 5.58 -4.03	58.14 6.22 -4.41	56.53 6.38 -1.79	58.52 6.92 -0.01	62.15 7.44 0.00	58.44 6.72 0.00	56.66 6.23 -0.62	54.60 5.64 -1.12	51.37 5.31 -0.67	47.16 4.64 0.00	45.59 4.14 0.00
SOUTHDOW_115KV_TB1 355954	51.34 -2.93 0.00	47.90 -2.84 0.00	42.95 -2.79 0.00	41.90 -2.91 0.00	39.84 -2.50 0.00	41.67 -2.66 0.00	41.91 -3.06 0.00	37.19 -3.46 0.00	42.95 -4.04 0.00	45.93 -4.38 0.00	45.85 -3.77 0.00	44.68 -3.36 0.00	44.32 -3.29 0.00	42.55 -3.55 0.00	43.85 -3.66 0.00	45.51 -2.85 0.00	48.65 -2.94 0.00	51.32 -3.39 0.00	48.67 -3.05 0.00	46.87 -2.94 0.00	45.02 -2.82 0.00	42.98 -2.41 0.00	40.70 -1.83 0.00	40.12 -1.33 0.00
SOUTHOLD_69_KV_BK 2 55809	60.84 6.57 0.00	56.53 5.78 0.00	51.05 5.31 0.00	50.37 5.56 0.00	47.54 5.21 0.00	49.56 5.23 0.00	50.77 5.80 0.00	46.31 5.65 -0.01	55.15 6.72 -1.44	64.30 6.99 -6.99	57.85 7.14 -1.09	57.89 7.06 -2.79	57.53 6.52 -3.40	56.44 6.31 -4.03	58.91 6.98 -4.41	57.26 7.11 -1.79	59.09 7.48 -0.01	62.53 7.82 0.00	58.70 6.98 0.00	57.01 6.58 -0.62	54.85 5.88 -1.12	51.41 5.36 -0.67	47.16 4.64 0.00	45.80 4.35 0.00
SOUTHOLD___IC 23719	60.84 6.56 0.00	56.53 5.78 0.00	51.32 5.58 0.00	50.14 5.33 0.00	47.46 5.12 0.00	49.56 5.23 0.00	50.59 5.62 0.00	46.31 5.65 -0.01	55.15 6.72 -1.44	64.30 6.99 -6.99	57.85 7.15 -1.09	57.89 7.06 -2.79	57.58 6.57 -3.40	56.44 6.32 -4.03	58.91 6.99 -4.41	57.26 7.11 -1.79	59.19 7.59 -0.01	62.86 8.15 0.00	58.86 7.14 0.00	57.01 6.57 -0.62	54.84 5.88 -1.12	51.50 5.44 -0.67	47.21 4.68 0.00	45.80 4.35 0.00
SOUTH_FORK_WT_PWR 323839	60.78 6.51 0.00	56.53 5.78 0.00	51.27 5.53 0.00	50.10 5.29 0.00	47.41 5.08 0.00	49.52 5.18 0.00	50.55 5.58 0.00	46.27 5.61 -0.01	55.15 6.72 -1.44	64.35 7.04 -6.99	57.85 7.15 -1.09	57.89 7.06 -2.79	57.58 6.57 -3.40	56.44 6.32 -4.03	58.91 6.99 -4.41	57.16 7.01 -1.79	59.04 7.43 -0.01	62.70 7.99 0.00	58.49 6.77 0.00	56.61 6.18 -0.62	54.41 5.45 -1.12	51.05 4.99 -0.67	46.82 4.29 0.00	45.51 4.06 0.00
SPIERFLS_115KV_TB 1 80737	56.39 2.12 0.00	52.42 1.67 0.00	47.20 1.46 0.00	46.24 1.43 0.00	43.73 1.40 0.00	45.66 1.33 0.00	46.50 1.53 0.00	41.95 1.30 0.00	48.54 1.55 0.00	52.12 1.81 0.00	51.40 1.79 0.00	49.72 1.68 0.00	49.18 1.57 0.00	47.52 1.43 0.00	49.03 1.52 0.00	49.86 1.50 0.00	53.30 1.70 0.00	56.79 2.08 0.00	53.58 1.86 0.00	51.41 1.59 0.00	49.37 1.53 0.00	46.57 1.18 0.00	43.51 0.98 0.00	42.24 0.79 0.00
ST LAWRENCE____ 23600	54.65 0.38 0.00	51.20 0.46 0.00	46.10 0.36 0.00	45.26 0.45 0.00	42.76 0.42 0.00	44.69 0.35 0.00	45.11 0.14 0.00	40.81 0.16 0.00	47.08 0.09 0.00	50.46 0.15 0.00	49.82 0.20 0.00	48.28 0.24 0.00	47.85 0.24 0.00	46.37 0.28 0.00	47.70 0.19 0.00	48.46 0.10 0.00	51.65 0.05 0.00	54.44 -0.27 0.00	51.67 -0.05 0.00	49.71 -0.10 0.00	47.80 -0.05 0.00	45.39 0.00 0.00	42.57 0.04 0.00	41.78 0.33 0.00
STATE_CA_115KV_115_LB 55624	56.44 2.17 0.00	52.57 1.83 0.00	47.43 1.69 0.00	46.51 1.70 0.00	43.90 1.57 0.00	46.02 1.68 0.00	46.77 1.80 0.00	42.28 1.63 0.00	48.96 1.97 0.00	52.42 2.11 0.00	51.45 1.84 0.00	49.82 1.78 0.00	49.37 1.76 0.00	47.80 1.71 0.00	49.22 1.71 0.00	49.86 1.50 0.00	53.09 1.50 0.00	56.57 1.86 0.00	53.38 1.66 0.00	51.41 1.59 0.00	49.47 1.63 0.00	46.88 1.50 0.00	43.85 1.32 0.00	42.73 1.28 0.00

STATE_ST_34_KV_LOAD 55959	53.30 -0.98 0.00	49.73 -1.01 0.00	44.83 -0.91 0.00	43.87 -0.94 0.00	41.45 -0.89 0.00	43.53 -0.80 0.00	44.16 -0.81 0.00	39.84 -0.81 0.00	46.05 -0.94 0.00	49.20 -1.11 0.00	48.77 -0.84 0.00	47.22 -0.82 0.00	46.80 -0.81 0.00	45.22 -0.88 0.00	46.61 -0.90 0.00	47.64 -0.73 0.00	50.82 -0.77 0.00	53.94 -0.77 0.00	51.05 -0.67 0.00	49.11 -0.70 0.00	47.13 -0.72 0.00	44.80 -0.59 0.00	41.85 -0.68 0.00	40.79 -0.66 0.00
STATION 5_MISC_HYD 23604	50.96 -3.31 0.00	47.65 -3.10 0.00	42.90 -2.84 0.00	42.03 -2.78 0.00	39.75 -2.58 0.00	41.76 -2.57 0.00	42.23 -2.74 0.00	37.64 -3.01 0.00	43.56 -3.43 0.00	46.54 -3.77 0.00	46.29 -3.32 0.00	44.82 -3.22 0.00	44.42 -3.19 0.00	42.91 -3.18 0.00	44.14 -3.37 0.00	45.22 -3.14 0.00	48.04 -3.56 0.00	51.32 -3.39 0.00	48.31 -3.42 0.00	46.67 -3.14 0.00	44.88 -2.97 0.00	42.57 -2.81 0.00	40.36 -2.17 0.00	39.34 -2.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	52.05 -2.23 0.00	48.66 -2.08 0.00	43.87 -1.88 0.00	42.88 -1.93 0.00	40.60 -1.74 0.00	42.65 -1.68 0.00	43.08 -1.89 0.00	38.66 -1.99 0.00	44.73 -2.26 0.00	47.74 -2.57 0.00	47.48 -2.13 0.00	46.02 -2.02 0.00	45.61 -2.00 0.00	44.02 -2.07 0.00	45.38 -2.14 0.00	46.48 -1.89 0.00	49.63 -1.96 0.00	52.68 -2.02 0.00	49.86 -1.86 0.00	47.87 -1.94 0.00	46.03 -1.82 0.00	43.80 -1.59 0.00	41.04 -1.49 0.00	40.12 -1.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	50.85 -3.42 0.00	47.55 -3.20 0.00	42.77 -2.97 0.00	41.85 -2.96 0.00	39.63 -2.71 0.00	41.63 -2.70 0.00	42.00 -2.97 0.00	37.60 -3.05 0.00	43.47 -3.52 0.00	46.44 -3.87 0.00	46.24 -3.37 0.00	44.77 -3.27 0.00	44.37 -3.24 0.00	42.87 -3.23 0.00	44.14 -3.37 0.00	45.22 -3.14 0.00	48.40 -3.20 0.00	51.26 -3.45 0.00	48.57 -3.15 0.00	46.62 -3.19 0.00	44.78 -3.06 0.00	42.66 -2.72 0.00	40.06 -2.47 0.00	39.21 -2.24 0.00
STA_56___34_KV_BUS2 355983	50.85 -3.42 0.00	47.55 -3.20 0.00	42.77 -2.97 0.00	41.85 -2.96 0.00	39.63 -2.71 0.00	41.63 -2.70 0.00	42.00 -2.97 0.00	37.60 -3.05 0.00	43.47 -3.52 0.00	46.44 -3.87 0.00	46.24 -3.37 0.00	44.77 -3.27 0.00	44.37 -3.24 0.00	42.87 -3.23 0.00	44.14 -3.37 0.00	45.22 -3.14 0.00	48.40 -3.20 0.00	51.26 -3.45 0.00	48.57 -3.15 0.00	46.62 -3.19 0.00	44.78 -3.06 0.00	42.66 -2.72 0.00	40.06 -2.47 0.00	39.21 -2.24 0.00
STA_67___115KV_BK2 355882	50.91 -3.36 0.00	47.55 -3.20 0.00	42.81 -2.93 0.00	41.85 -2.96 0.00	39.67 -2.67 0.00	41.67 -2.66 0.00	42.00 -2.97 0.00	37.56 -3.09 0.00	43.47 -3.52 0.00	46.39 -3.92 0.00	46.19 -3.42 0.00	44.72 -3.31 0.00	44.32 -3.29 0.00	42.82 -3.27 0.00	44.09 -3.42 0.00	45.17 -3.19 0.00	48.40 -3.20 0.00	51.21 -3.50 0.00	48.51 -3.21 0.00	46.57 -3.24 0.00	44.73 -3.11 0.00	42.66 -2.72 0.00	40.10 -2.42 0.00	39.29 -2.16 0.00
STA_7___115KV_9TRANS 80674	51.23 -3.04 0.00	47.85 -2.89 0.00	43.09 -2.65 0.00	42.12 -2.69 0.00	39.88 -2.46 0.00	41.94 -2.39 0.00	42.27 -2.70 0.00	37.80 -2.85 0.00	43.75 -3.24 0.00	46.74 -3.57 0.00	46.54 -3.08 0.00	45.06 -2.98 0.00	44.71 -2.90 0.00	43.14 -2.95 0.00	44.42 -3.09 0.00	45.56 -2.81 0.00	48.76 -2.84 0.00	51.65 -3.06 0.00	48.98 -2.74 0.00	46.97 -2.84 0.00	45.12 -2.73 0.00	43.03 -2.36 0.00	40.40 -2.13 0.00	39.54 -1.91 0.00
STA_82___115KV_TB1 80780	50.91 -3.36 0.00	47.60 -3.15 0.00	42.81 -2.93 0.00	41.85 -2.96 0.00	39.67 -2.67 0.00	41.67 -2.66 0.00	42.00 -2.97 0.00	37.56 -3.09 0.00	43.47 -3.52 0.00	46.44 -3.87 0.00	46.19 -3.42 0.00	44.72 -3.31 0.00	44.37 -3.24 0.00	42.82 -3.27 0.00	44.09 -3.42 0.00	45.22 -3.14 0.00	48.40 -3.20 0.00	51.21 -3.50 0.00	48.57 -3.15 0.00	46.62 -3.19 0.00	44.78 -3.06 0.00	42.66 -2.72 0.00	40.10 -2.42 0.00	39.29 -2.16 0.00
STEEL___WIND 323596	49.93 -4.34 0.00	46.64 -4.11 0.00	41.90 -3.84 0.00	41.05 -3.76 0.00	38.86 -3.47 0.00	40.70 -3.63 0.00	41.01 -3.96 0.00	36.14 -4.51 0.00	41.68 -5.31 0.00	44.53 -5.78 0.00	44.31 -5.31 0.00	43.14 -4.90 0.00	42.75 -4.86 0.00	41.39 -4.70 0.00	42.43 -5.08 0.00	43.72 -4.64 0.00	46.18 -5.42 0.00	49.29 -5.42 0.00	46.34 -5.38 0.00	45.13 -4.68 0.00	43.40 -4.45 0.00	41.17 -4.22 0.00	39.51 -3.02 0.00	38.76 -2.69 0.00
STEPHTWN_115KV_BK_2 55603	56.88 2.61 0.00	52.93 2.18 0.00	47.80 2.06 0.00	46.78 1.97 0.00	44.20 1.86 0.00	46.37 2.04 0.00	47.17 2.20 0.00	42.60 1.95 0.00	49.34 2.35 0.00	52.88 2.57 0.00	51.90 2.28 0.00	50.25 2.21 0.00	49.75 2.14 0.00	48.12 2.03 0.00	49.60 2.09 0.00	50.25 1.89 0.00	53.56 1.96 0.00	57.06 2.35 0.00	53.84 2.12 0.00	51.85 2.04 0.00	49.90 2.06 0.00	47.25 1.86 0.00	44.19 1.66 0.00	43.02 1.58 0.00
STEUBEN_REC_LFGE 323667	52.10 -2.17 0.00	48.56 -2.18 0.00	43.77 -1.97 0.00	42.70 -2.11 0.00	40.39 -1.95 0.00	42.34 -1.99 0.00	42.68 -2.29 0.00	38.05 -2.60 0.00	43.65 -3.34 0.00	46.29 -4.02 0.00	46.34 -3.27 0.00	45.30 -2.74 0.00	45.09 -2.52 0.00	43.65 -2.44 0.00	44.99 -2.52 0.00	46.38 -1.98 0.00	49.43 -2.17 0.00	52.41 -2.30 0.00	49.70 -2.02 0.00	47.82 -1.99 0.00	45.93 -1.91 0.00	43.84 -1.54 0.00	41.08 -1.45 0.00	40.37 -1.08 0.00
STILLWATER___SOLAR 323814	56.93 2.66 0.00	53.03 2.29 0.00	47.80 2.06 0.00	46.78 1.97 0.00	44.24 1.91 0.00	46.33 2.00 0.00	47.09 2.11 0.00	42.52 1.87 0.00	49.20 2.21 0.00	52.78 2.46 0.00	51.90 2.28 0.00	50.20 2.16 0.00	49.70 2.09 0.00	48.12 2.03 0.00	49.60 2.09 0.00	50.44 2.08 0.00	53.97 2.37 0.00	57.55 2.84 0.00	54.20 2.48 0.00	52.10 2.29 0.00	50.05 2.20 0.00	47.34 1.95 0.00	44.23 1.70 0.00	42.94 1.49 0.00
STONY___BROOK 24151	59.16 4.89 0.00	54.95 4.21 0.00	49.95 4.21 0.00	48.80 3.99 0.00	46.10 3.77 0.00	48.23 3.90 0.00	49.15 4.18 0.00	45.01 4.35 -0.01	53.56 5.12 -1.45	62.56 5.23 -7.02	55.96 5.26 -1.09	56.03 5.19 -2.80	55.97 4.95 -3.41	54.93 4.79 -4.04	57.12 5.18 -4.43	55.62 5.46 -1.79	57.54 5.93 -0.01	61.05 6.34 0.00	57.67 5.95 0.00	56.02 5.58 -0.63	54.13 5.17 -1.12	50.92 4.86 -0.67	46.78 4.25 0.00	45.14 3.69 0.00
STURGEON_POOL_HYD 23609	58.18 3.91 0.00	54.35 3.60 0.00	48.90 3.16 0.00	47.90 3.09 0.00	45.13 2.79 0.00	47.39 3.06 0.00	48.25 3.28 0.00	43.70 3.05 0.00	50.61 3.62 0.00	54.18 3.87 0.00	53.54 3.92 0.00	51.83 3.80 0.00	51.18 3.57 0.00	49.51 3.41 0.00	51.08 3.56 0.00	52.14 3.77 0.00	55.93 4.33 0.00	59.25 4.54 0.00	55.96 4.24 0.00	54.10 4.28 0.00	51.86 4.02 0.00	49.02 3.63 0.00	45.67 3.15 0.00	44.39 2.94 0.00
ST_LAW_115_BK7_LBMP 345037	54.65 0.38 0.00	51.25 0.51 0.00	46.15 0.41 0.00	45.26 0.45 0.00	42.80 0.47 0.00	44.69 0.35 0.00	45.11 0.14 0.00	40.81 0.16 0.00	47.04 0.05 0.00	50.46 0.15 0.00	49.82 0.20 0.00	48.28 0.24 0.00	47.85 0.24 0.00	46.37 0.28 0.00	47.70 0.19 0.00	48.46 0.10 0.00	51.65 0.05 0.00	54.44 -0.27 0.00	51.62 -0.10 0.00	49.71 -0.10 0.00	47.80 -0.05 0.00	45.34 -0.05 0.00	42.57 0.04 0.00	41.82 0.37 0.00

ST_LAW_115_BK8_LBMP 345038	54.65 0.38 0.00	51.25 0.51 0.00	46.15 0.41 0.00	45.26 0.45 0.00	42.80 0.47 0.00	44.69 0.35 0.00	45.11 0.14 0.00	40.81 0.16 0.00	47.04 0.05 0.00	50.46 0.15 0.00	49.82 0.20 0.00	48.28 0.24 0.00	47.85 0.24 0.00	46.37 0.28 0.00	47.70 0.19 0.00	48.46 0.10 0.00	51.65 0.05 0.00	54.44 -0.27 0.00	51.62 -0.10 0.00	49.71 -0.10 0.00	47.80 -0.05 0.00	45.34 -0.05 0.00	42.57 0.04 0.00	41.82 0.37 0.00
ST_LAW_230_BK5_LBMP 345035	54.65 0.38 0.00	51.20 0.46 0.00	46.10 0.36 0.00	45.26 0.45 0.00	42.76 0.42 0.00	44.69 0.35 0.00	45.11 0.14 0.00	40.81 0.16 0.00	47.08 0.09 0.00	50.46 0.15 0.00	49.82 0.20 0.00	48.28 0.24 0.00	47.85 0.24 0.00	46.37 0.28 0.00	47.70 0.19 0.00	48.46 0.10 0.00	51.65 0.05 0.00	54.44 -0.27 0.00	51.67 -0.05 0.00	49.71 -0.10 0.00	47.80 -0.05 0.00	45.39 0.00 0.00	42.57 0.04 0.00	41.78 0.33 0.00
ST_LAW_230_BK6_LBMP 345036	54.65 0.38 0.00	51.20 0.46 0.00	46.10 0.36 0.00	45.26 0.45 0.00	42.76 0.42 0.00	44.69 0.35 0.00	45.11 0.14 0.00	40.81 0.16 0.00	47.08 0.09 0.00	50.46 0.15 0.00	49.82 0.20 0.00	48.28 0.24 0.00	47.85 0.24 0.00	46.37 0.28 0.00	47.70 0.19 0.00	48.46 0.10 0.00	51.65 0.05 0.00	54.44 -0.27 0.00	51.67 -0.05 0.00	49.71 -0.10 0.00	47.80 -0.05 0.00	45.39 0.00 0.00	42.57 0.04 0.00	41.78 0.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	56.66 2.39 0.00	52.88 2.13 0.00	47.62 1.88 0.00	46.69 1.88 0.00	44.03 1.69 0.00	46.15 1.82 0.00	47.00 2.02 0.00	42.60 1.95 0.00	49.34 2.35 0.00	52.78 2.47 0.00	52.05 2.43 0.00	50.39 2.35 0.00	49.89 2.29 0.00	48.31 2.21 0.00	49.79 2.28 0.00	50.74 2.37 0.00	54.23 2.63 0.00	57.55 2.84 0.00	54.36 2.64 0.00	52.45 2.64 0.00	50.38 2.54 0.00	47.66 2.27 0.00	44.48 1.96 0.00	43.19 1.74 0.00
SWANROAD_115KV_TB1 355699	48.09 -6.19 0.00	44.91 -5.84 0.00	40.43 -5.31 0.00	39.48 -5.33 0.00	37.51 -4.83 0.00	39.32 -5.01 0.00	39.35 -5.62 0.00	34.84 -5.81 0.00	40.18 -6.81 0.00	42.81 -7.50 0.00	42.72 -6.90 0.00	41.51 -6.53 0.00	41.13 -6.47 0.00	39.83 -6.27 0.00	40.81 -6.70 0.00	42.08 -6.29 0.00	45.04 -6.55 0.00	47.38 -7.33 0.00	45.10 -6.62 0.00	43.34 -6.48 0.00	41.67 -6.17 0.00	39.89 -5.49 0.00	37.81 -4.72 0.00	37.39 -4.06 0.00
SYNERGY___BIOGAS 323694	50.53 -3.74 0.00	47.24 -3.50 0.00	42.45 -3.29 0.00	41.58 -3.23 0.00	39.37 -2.96 0.00	41.36 -2.97 0.00	41.73 -3.24 0.00	36.87 -3.78 0.00	42.62 -4.37 0.00	45.53 -4.78 0.00	45.40 -4.22 0.00	44.00 -4.04 0.00	43.61 -4.00 0.00	42.08 -4.01 0.00	43.24 -4.28 0.00	44.49 -3.87 0.00	47.16 -4.44 0.00	50.55 -4.16 0.00	47.43 -4.29 0.00	46.02 -3.79 0.00	44.25 -3.59 0.00	42.03 -3.36 0.00	40.10 -2.42 0.00	39.21 -2.24 0.00
SYRACUSE___ENERGY_ST1 323597	53.08 -1.19 0.00	49.53 -1.22 0.00	44.69 -1.05 0.00	43.74 -1.08 0.00	41.32 -1.02 0.00	43.36 -0.98 0.00	43.98 -0.99 0.00	39.71 -0.93 0.00	45.91 -1.08 0.00	49.10 -1.21 0.00	48.57 -1.04 0.00	47.08 -0.96 0.00	46.61 -1.00 0.00	45.08 -1.01 0.00	46.52 -1.00 0.00	47.45 -0.92 0.00	50.62 -0.98 0.00	53.67 -1.04 0.00	50.74 -0.98 0.00	48.86 -0.95 0.00	46.89 -0.96 0.00	44.57 -0.82 0.00	41.68 -0.85 0.00	40.62 -0.83 0.00
SYRACUSE___ENERGY_ST2 323598	53.08 -1.19 0.00	49.53 -1.22 0.00	44.69 -1.05 0.00	43.74 -1.08 0.00	41.32 -1.02 0.00	43.36 -0.98 0.00	43.98 -0.99 0.00	39.71 -0.93 0.00	45.91 -1.08 0.00	49.10 -1.21 0.00	48.57 -1.04 0.00	47.08 -0.96 0.00	46.61 -1.00 0.00	45.08 -1.01 0.00	46.52 -1.00 0.00	47.45 -0.92 0.00	50.62 -0.98 0.00	53.67 -1.04 0.00	50.74 -0.98 0.00	48.86 -0.95 0.00	46.89 -0.96 0.00	44.57 -0.82 0.00	41.68 -0.85 0.00	40.62 -0.83 0.00
SYRACUSE___POWER 24017	53.02 -1.25 0.00	49.53 -1.22 0.00	44.64 -1.10 0.00	43.69 -1.12 0.00	41.32 -1.02 0.00	43.31 -1.02 0.00	43.94 -1.03 0.00	39.67 -0.98 0.00	45.86 -1.13 0.00	49.10 -1.21 0.00	48.52 -1.09 0.00	47.03 -1.01 0.00	46.56 -1.05 0.00	45.03 -1.06 0.00	46.47 -1.05 0.00	47.40 -0.97 0.00	50.62 -0.98 0.00	53.67 -1.04 0.00	50.74 -0.98 0.00	48.82 -1.00 0.00	46.89 -0.96 0.00	44.52 -0.86 0.00	41.68 -0.85 0.00	40.58 -0.87 0.00
TALLMAN___138KV_BK151 55660	56.82 2.55 0.00	53.03 2.28 0.00	47.75 2.01 0.00	46.83 2.02 0.00	44.16 1.82 0.00	46.33 1.99 0.00	47.17 2.20 0.00	42.76 2.11 0.00	49.57 2.58 0.00	53.03 2.72 0.00	52.30 2.68 0.00	50.63 2.59 0.00	50.13 2.52 0.00	48.54 2.44 0.00	50.03 2.52 0.00	50.98 2.61 0.00	54.43 2.84 0.00	57.77 3.06 0.00	54.62 2.90 0.00	52.70 2.89 0.00	50.62 2.77 0.00	47.88 2.50 0.00	44.70 2.17 0.00	43.36 1.91 0.00
TEALLAVE_115KV_TB7 355573	52.75 -1.52 0.00	49.22 -1.52 0.00	44.46 -1.28 0.00	43.51 -1.30 0.00	41.11 -1.23 0.00	43.14 -1.20 0.00	43.76 -1.21 0.00	39.51 -1.14 0.00	45.63 -1.36 0.00	48.85 -1.46 0.00	48.28 -1.34 0.00	46.79 -1.25 0.00	46.37 -1.24 0.00	44.80 -1.29 0.00	46.23 -1.28 0.00	47.16 -1.21 0.00	50.31 -1.29 0.00	53.40 -1.31 0.00	50.48 -1.24 0.00	48.57 -1.25 0.00	46.65 -1.20 0.00	44.30 -1.09 0.00	41.46 -1.06 0.00	40.37 -1.08 0.00
TELGRAPH_34_KV_EAST 80808	49.60 -4.67 0.00	46.38 -4.36 0.00	41.67 -4.07 0.00	40.69 -4.12 0.00	38.65 -3.68 0.00	40.56 -3.77 0.00	40.70 -4.27 0.00	36.06 -4.59 0.00	41.68 -5.31 0.00	44.42 -5.89 0.00	44.36 -5.26 0.00	43.04 -5.00 0.00	42.66 -4.95 0.00	41.21 -4.89 0.00	42.33 -5.18 0.00	43.63 -4.74 0.00	46.75 -4.85 0.00	49.29 -5.42 0.00	46.86 -4.86 0.00	44.98 -4.83 0.00	43.25 -4.59 0.00	41.35 -4.04 0.00	39.08 -3.44 0.00	38.51 -2.94 0.00
TEMPLE___115KV_TB 2 55572	52.75 -1.52 0.00	49.27 -1.47 0.00	44.46 -1.28 0.00	43.51 -1.30 0.00	41.15 -1.19 0.00	43.14 -1.20 0.00	43.76 -1.21 0.00	39.51 -1.14 0.00	45.67 -1.32 0.00	48.85 -1.46 0.00	48.33 -1.29 0.00	46.79 -1.25 0.00	46.37 -1.24 0.00	44.85 -1.24 0.00	46.23 -1.28 0.00	47.20 -1.16 0.00	50.36 -1.24 0.00	53.40 -1.31 0.00	50.48 -1.24 0.00	48.57 -1.25 0.00	46.65 -1.20 0.00	44.30 -1.09 0.00	41.46 -1.06 0.00	40.41 -1.04 0.00
TIANA____69_KV_BK 1 55817	59.97 5.70 0.00	55.72 4.97 0.00	50.36 4.62 0.00	49.65 4.84 0.00	46.87 4.53 0.00	48.85 4.52 0.00	50.05 5.08 0.00	45.62 4.96 -0.01	54.31 5.87 -1.44	63.34 6.04 -6.99	56.85 6.15 -1.09	56.88 6.05 -2.79	56.58 5.57 -3.40	55.51 5.39 -4.03	57.96 6.03 -4.41	56.39 6.24 -1.79	58.26 6.66 -0.01	61.66 6.95 0.00	58.24 6.52 0.00	56.61 6.18 -0.62	54.61 5.65 -1.12	51.32 5.26 -0.67	47.12 4.59 0.00	45.59 4.14 0.00
TILDEN___115KV_TB1 80814	53.02 -1.25 0.00	49.53 -1.22 0.00	44.64 -1.10 0.00	43.69 -1.12 0.00	41.32 -1.02 0.00	43.31 -1.02 0.00	43.94 -1.03 0.00	39.67 -0.98 0.00	45.86 -1.13 0.00	49.10 -1.21 0.00	48.52 -1.09 0.00	47.03 -1.01 0.00	46.56 -1.05 0.00	45.03 -1.06 0.00	46.47 -1.05 0.00	47.40 -0.97 0.00	50.62 -0.98 0.00	53.67 -1.04 0.00	50.74 -0.98 0.00	48.82 -1.00 0.00	46.89 -0.96 0.00	44.52 -0.86 0.00	41.68 -0.85 0.00	40.58 -0.87 0.00

TRIGEN__CC 323695	57.75 3.47 0.00	53.79 3.04 0.00	48.58 2.84 0.00	47.81 3.00 0.00	45.09 2.75 0.00	47.13 2.79 0.00	48.16 3.19 0.00	43.79 3.13 -0.02	53.10 3.71 -2.40	65.71 3.82 -11.57	55.14 3.72 -1.80	56.31 3.65 -4.62	57.14 3.52 -6.01	56.40 3.46 -6.85	58.37 3.56 -7.30	55.10 3.77 -2.96	55.64 4.02 -0.02	58.87 4.16 0.00	55.81 4.09 0.00	54.84 3.98 -1.04	53.48 3.78 -1.86	50.00 3.49 -1.12	45.63 3.10 0.00	44.14 2.69 0.00
TRINITY__115KV__ 4 BK 55933	56.23 1.95 0.00	52.42 1.67 0.00	47.30 1.56 0.00	46.38 1.57 0.00	43.82 1.48 0.00	45.93 1.60 0.00	46.68 1.71 0.00	42.19 1.54 0.00	48.82 1.83 0.00	52.27 1.96 0.00	51.25 1.64 0.00	49.62 1.59 0.00	49.18 1.57 0.00	47.62 1.52 0.00	49.08 1.57 0.00	49.72 1.35 0.00	52.94 1.34 0.00	56.41 1.70 0.00	53.17 1.45 0.00	51.26 1.44 0.00	49.33 1.48 0.00	46.75 1.36 0.00	43.72 1.19 0.00	42.61 1.16 0.00
UNION__PROCESSING_DRP 323587	50.91 -3.36 0.00	47.60 -3.15 0.00	42.86 -2.88 0.00	41.90 -2.91 0.00	39.67 -2.67 0.00	41.67 -2.66 0.00	42.00 -2.97 0.00	37.60 -3.05 0.00	43.47 -3.52 0.00	46.44 -3.87 0.00	46.19 -3.42 0.00	44.77 -3.27 0.00	44.37 -3.24 0.00	42.82 -3.27 0.00	44.09 -3.42 0.00	45.22 -3.14 0.00	48.40 -3.20 0.00	51.21 -3.50 0.00	48.57 -3.15 0.00	46.62 -3.19 0.00	44.78 -3.06 0.00	42.71 -2.68 0.00	40.10 -2.42 0.00	39.29 -2.16 0.00
UPPER HUDSON__HYD 24058	56.39 2.11 0.00	52.42 1.67 0.00	47.25 1.51 0.00	46.24 1.43 0.00	43.69 1.35 0.00	45.66 1.33 0.00	46.45 1.48 0.00	41.95 1.30 0.00	48.54 1.55 0.00	52.12 1.81 0.00	51.40 1.78 0.00	49.72 1.68 0.00	49.18 1.57 0.00	47.52 1.43 0.00	49.03 1.52 0.00	49.87 1.50 0.00	53.35 1.76 0.00	56.90 2.19 0.00	53.58 1.86 0.00	51.40 1.59 0.00	49.37 1.53 0.00	46.61 1.23 0.00	43.55 1.02 0.00	42.23 0.79 0.00
UPPER RAQUET__HYD 24056	54.44 0.16 0.00	51.00 0.26 0.00	45.92 0.18 0.00	45.08 0.27 0.00	42.63 0.30 0.00	44.29 -0.04 0.00	44.43 -0.54 0.00	40.41 -0.24 0.00	46.38 -0.61 0.00	49.81 -0.50 0.00	49.27 -0.34 0.00	47.70 -0.33 0.00	47.28 -0.33 0.00	45.82 -0.27 0.00	47.18 -0.33 0.00	47.93 -0.44 0.00	51.13 -0.47 0.00	53.78 -0.93 0.00	51.00 -0.72 0.00	49.01 -0.80 0.00	47.17 -0.67 0.00	44.80 -0.59 0.00	42.19 -0.34 0.00	41.78 0.33 0.00
VALLEY44_115KV_TB2 355964	51.23 -3.04 0.00	47.85 -2.89 0.00	43.04 -2.70 0.00	42.08 -2.73 0.00	39.88 -2.46 0.00	41.72 -2.62 0.00	42.05 -2.92 0.00	37.11 -3.54 0.00	42.81 -4.18 0.00	45.68 -4.63 0.00	45.45 -4.17 0.00	44.20 -3.84 0.00	43.90 -3.71 0.00	42.41 -3.69 0.00	43.62 -3.90 0.00	44.88 -3.48 0.00	47.93 -3.66 0.00	50.61 -4.10 0.00	47.95 -3.78 0.00	46.22 -3.59 0.00	44.40 -3.44 0.00	42.30 -3.09 0.00	39.93 -2.59 0.00	39.63 -1.82 0.00
VALLEY__115KV_TB 1-4 80826	55.41 1.14 0.00	51.76 1.01 0.00	46.56 0.82 0.00	45.62 0.81 0.00	43.06 0.72 0.00	45.09 0.75 0.00	45.78 0.81 0.00	41.34 0.69 0.00	47.84 0.85 0.00	51.27 0.96 0.00	50.61 0.99 0.00	49.10 1.06 0.00	48.75 1.14 0.00	47.15 1.06 0.00	48.70 1.19 0.00	49.53 1.16 0.00	52.83 1.24 0.00	55.97 1.26 0.00	52.86 1.14 0.00	50.86 1.05 0.00	48.85 1.00 0.00	46.39 1.00 0.00	43.46 0.94 0.00	42.32 0.87 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	57.15 2.88 0.00	53.33 2.59 0.00	48.03 2.29 0.00	47.01 2.20 0.00	44.37 2.03 0.00	46.46 2.13 0.00	47.44 2.47 0.00	42.80 2.15 0.00	49.67 2.68 0.00	53.23 2.92 0.00	52.54 2.93 0.00	50.82 2.79 0.00	50.37 2.76 0.00	48.58 2.49 0.00	50.27 2.76 0.00	51.22 2.85 0.00	54.79 3.20 0.00	57.94 3.23 0.00	54.62 2.90 0.00	52.60 2.79 0.00	50.47 2.63 0.00	47.84 2.45 0.00	44.82 2.30 0.00	43.48 2.03 0.00
VISCHER__FERRY HYD 24020	56.72 2.44 0.00	52.83 2.08 0.00	47.66 1.92 0.00	46.74 1.93 0.00	44.15 1.82 0.00	46.28 1.95 0.00	47.04 2.07 0.00	42.52 1.87 0.00	49.20 2.21 0.00	52.73 2.41 0.00	51.65 2.04 0.00	49.96 1.92 0.00	49.56 1.95 0.00	47.98 1.89 0.00	49.42 1.90 0.00	50.25 1.88 0.00	53.71 2.12 0.00	57.34 2.63 0.00	53.99 2.27 0.00	52.00 2.19 0.00	49.90 2.06 0.00	47.29 1.91 0.00	44.18 1.66 0.00	42.94 1.49 0.00
V_A_10_SYNC_DSASP 323832	49.28 -4.99 0.00	46.08 -4.67 0.00	41.49 -4.25 0.00	40.64 -4.17 0.00	38.44 -3.89 0.00	40.34 -3.99 0.00	40.70 -4.27 0.00	36.06 -4.59 0.00	41.63 -5.36 0.00	44.48 -5.84 0.00	44.21 -5.41 0.00	42.90 -5.14 0.00	42.56 -5.05 0.00	41.16 -4.93 0.00	42.19 -5.32 0.00	43.33 -5.03 0.00	45.87 -5.73 0.00	48.91 -5.80 0.00	46.03 -5.69 0.00	44.73 -5.08 0.00	42.96 -4.88 0.00	40.80 -4.58 0.00	39.04 -3.49 0.00	38.17 -3.28 0.00
V_CMM_10_SYNC_DSASP 323787	54.93 0.65 0.00	51.51 0.76 0.00	46.38 0.64 0.00	45.53 0.71 0.00	43.01 0.68 0.00	44.91 0.57 0.00	45.29 0.32 0.00	40.97 0.32 0.00	47.27 0.28 0.00	50.67 0.35 0.00	50.11 0.50 0.00	48.52 0.48 0.00	48.09 0.48 0.00	46.65 0.56 0.00	47.99 0.48 0.00	48.71 0.34 0.00	51.91 0.31 0.00	54.71 0.00 0.00	51.88 0.16 0.00	49.91 0.10 0.00	48.04 0.19 0.00	45.61 0.23 0.00	42.78 0.26 0.00	42.03 0.58 0.00
V_CMP_10_SYNC_DSASP 323788	56.28 2.01 0.00	52.78 2.03 0.00	47.48 1.74 0.00	46.65 1.84 0.00	44.03 1.70 0.00	45.97 1.64 0.00	45.92 0.95 0.00	41.46 0.81 0.00	47.88 0.89 0.00	51.37 1.06 0.00	50.86 1.24 0.00	49.24 1.20 0.00	48.80 1.19 0.00	47.38 1.29 0.00	48.61 1.09 0.00	49.38 1.02 0.00	52.53 0.93 0.00	55.37 0.66 0.00	52.39 0.67 0.00	50.36 0.55 0.00	48.51 0.67 0.00	46.02 0.64 0.00	43.12 0.60 0.00	42.69 1.24 0.00
V_D_10_SYNC_DSASP 323841	55.09 0.82 0.00	51.66 0.91 0.00	46.52 0.78 0.00	45.66 0.85 0.00	43.18 0.85 0.00	45.00 0.67 0.00	45.33 0.36 0.00	41.18 0.53 0.00	47.32 0.33 0.00	50.76 0.45 0.00	50.16 0.55 0.00	48.62 0.58 0.00	48.18 0.57 0.00	46.74 0.65 0.00	48.04 0.52 0.00	48.80 0.43 0.00	51.96 0.36 0.00	54.76 0.05 0.00	51.93 0.21 0.00	49.96 0.15 0.00	48.08 0.24 0.00	45.66 0.27 0.00	42.87 0.34 0.00	42.28 0.83 0.00
V_E_10_SYNC_DSASP 323830	57.53 3.26 0.00	53.48 2.74 0.00	48.16 2.42 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.46 2.13 0.00	47.58 2.61 0.00	42.80 2.15 0.00	49.62 2.63 0.00	53.18 2.87 0.00	52.69 3.08 0.00	50.97 2.93 0.00	50.51 2.90 0.00	48.58 2.49 0.00	50.56 3.04 0.00	51.75 3.38 0.00	55.57 3.97 0.00	58.81 4.11 0.00	55.19 3.47 0.00	53.15 3.34 0.00	50.95 3.11 0.00	48.29 2.91 0.00	45.29 2.76 0.00	43.85 2.40 0.00
V_F_30_NSYNC__DSASP 323816	56.98 2.71 0.00	53.08 2.34 0.00	47.85 2.11 0.00	46.83 2.02 0.00	44.24 1.91 0.00	46.37 2.04 0.00	47.13 2.16 0.00	42.56 1.91 0.00	49.25 2.26 0.00	52.83 2.51 0.00	51.95 2.33 0.00	50.25 2.21 0.00	49.80 2.19 0.00	48.17 2.08 0.00	49.65 2.14 0.00	50.54 2.18 0.00	54.02 2.43 0.00	57.61 2.90 0.00	54.25 2.53 0.00	52.15 2.34 0.00	50.09 2.25 0.00	47.38 1.99 0.00	44.27 1.74 0.00	42.98 1.53 0.00



V_F_30_SYNC_DSASP 323786	56.39 2.12 0.00	52.57 1.83 0.00	47.43 1.69 0.00	46.47 1.66 0.00	43.90 1.57 0.00	46.02 1.68 0.00	46.77 1.80 0.00	42.28 1.63 0.00	48.96 1.97 0.00	52.42 2.11 0.00	51.45 1.84 0.00	49.82 1.78 0.00	49.37 1.76 0.00	47.80 1.71 0.00	49.22 1.71 0.00	49.86 1.50 0.00	53.09 1.50 0.00	56.57 1.86 0.00	53.38 1.66 0.00	51.41 1.59 0.00	49.47 1.63 0.00	46.84 1.45 0.00	43.85 1.32 0.00	42.73 1.28 0.00
V_XM_10_SYNC_DSASP 323789	56.28 2.01 0.00	52.78 2.03 0.00	47.48 1.74 0.00	46.65 1.84 0.00	44.03 1.70 0.00	45.97 1.64 0.00	45.92 0.95 0.00	41.46 0.81 0.00	47.88 0.89 0.00	51.37 1.06 0.00	50.86 1.24 0.00	49.24 1.20 0.00	48.80 1.19 0.00	47.38 1.29 0.00	48.61 1.09 0.00	49.38 1.02 0.00	52.53 0.93 0.00	55.37 0.66 0.00	52.39 0.67 0.00	50.36 0.55 0.00	48.51 0.67 0.00	46.02 0.64 0.00	43.12 0.60 0.00	42.69 1.24 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	57.04 2.77 0.00	53.23 2.49 0.00	47.94 2.20 0.00	47.01 2.20 0.00	44.33 1.99 0.00	46.46 2.13 0.00	47.31 2.34 0.00	42.93 2.28 0.00	49.72 2.73 0.00	53.23 2.92 0.00	52.49 2.88 0.00	50.82 2.79 0.00	50.32 2.71 0.00	48.72 2.63 0.00	50.22 2.71 0.00	51.17 2.81 0.00	54.64 3.04 0.00	57.99 3.28 0.00	54.82 3.10 0.00	52.90 3.09 0.00	50.76 2.92 0.00	48.02 2.63 0.00	44.82 2.30 0.00	43.52 2.07 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	57.31 3.04 0.00	53.43 2.69 0.00	48.12 2.38 0.00	47.19 2.37 0.00	44.45 2.12 0.00	46.64 2.31 0.00	47.53 2.56 0.00	43.17 2.52 0.00	50.04 3.05 0.00	53.58 3.27 0.00	52.84 3.23 0.00	51.16 3.12 0.00	50.66 3.05 0.00	49.04 2.95 0.00	50.55 3.04 0.00	51.51 3.14 0.00	55.00 3.41 0.00	58.32 3.61 0.00	55.19 3.47 0.00	53.25 3.44 0.00	51.10 3.25 0.00	48.34 2.95 0.00	45.12 2.59 0.00	43.77 2.32 0.00
W50THST__13_KV_LOAD 356117	57.53 3.26 0.00	53.59 2.84 0.00	48.26 2.52 0.00	47.32 2.51 0.00	44.58 2.24 0.00	46.77 2.44 0.00	47.71 2.74 0.00	43.29 2.64 0.00	50.23 3.24 0.00	53.73 3.42 0.00	52.99 3.37 0.00	51.31 3.27 0.00	50.85 3.24 0.00	49.23 3.13 0.00	50.74 3.23 0.00	51.70 3.34 0.00	55.21 3.61 0.00	58.54 3.83 0.00	55.34 3.62 0.00	53.45 3.64 0.00	51.29 3.44 0.00	48.47 3.09 0.00	45.25 2.72 0.00	43.89 2.45 0.00
WADING RIVER_IC_1 23522	59.65 5.37 0.00	55.41 4.67 0.00	50.36 4.62 0.00	49.20 4.39 0.00	46.53 4.19 0.00	48.63 4.30 0.00	49.56 4.59 0.00	45.37 4.71 -0.01	54.02 5.59 -1.44	62.99 5.68 -6.99	56.50 5.80 -1.08	56.59 5.76 -2.79	56.20 5.19 -3.40	55.10 4.98 -4.02	57.62 5.70 -4.41	56.10 5.95 -1.78	58.11 6.50 -0.01	61.66 6.95 0.00	58.13 6.41 0.00	56.41 5.97 -0.62	54.41 5.45 -1.12	51.23 5.17 -0.67	47.03 4.51 0.00	45.43 3.98 0.00
WADING RIVER_IC_2 23547	59.65 5.37 0.00	55.41 4.67 0.00	50.36 4.62 0.00	49.20 4.39 0.00	46.53 4.19 0.00	48.63 4.30 0.00	49.56 4.59 0.00	45.37 4.71 -0.01	54.02 5.59 -1.44	62.99 5.68 -6.99	56.50 5.80 -1.08	56.59 5.76 -2.79	56.20 5.19 -3.40	55.10 4.98 -4.02	57.62 5.70 -4.41	56.10 5.95 -1.78	58.11 6.50 -0.01	61.66 6.95 0.00	58.13 6.41 0.00	56.41 5.97 -0.62	54.41 5.45 -1.12	51.23 5.17 -0.67	47.03 4.51 0.00	45.43 3.98 0.00
WADING RIVER_IC_3 23601	59.65 5.37 0.00	55.41 4.67 0.00	50.36 4.62 0.00	49.20 4.39 0.00	46.53 4.19 0.00	48.63 4.30 0.00	49.56 4.59 0.00	45.37 4.71 -0.01	54.02 5.59 -1.44	62.99 5.68 -6.99	56.50 5.80 -1.08	56.59 5.76 -2.79	56.20 5.19 -3.40	55.10 4.98 -4.02	57.62 5.70 -4.41	56.10 5.95 -1.78	58.11 6.50 -0.01	61.66 6.95 0.00	58.13 6.41 0.00	56.41 5.97 -0.62	54.41 5.45 -1.12	51.23 5.17 -0.67	47.03 4.51 0.00	45.43 3.98 0.00
WALDENNY_12_KV_BK2 80841	49.82 -4.45 0.00	46.53 -4.21 0.00	41.85 -3.89 0.00	40.82 -3.99 0.00	38.78 -3.56 0.00	40.65 -3.68 0.00	40.74 -4.23 0.00	36.10 -4.55 0.00	41.63 -5.36 0.00	44.42 -5.89 0.00	44.31 -5.31 0.00	43.09 -4.95 0.00	42.75 -4.86 0.00	41.35 -4.75 0.00	42.43 -5.08 0.00	43.77 -4.59 0.00	46.80 -4.80 0.00	49.29 -5.42 0.00	46.86 -4.86 0.00	45.08 -4.73 0.00	43.30 -4.55 0.00	41.39 -3.99 0.00	39.21 -3.32 0.00	38.71 -2.74 0.00
WALDEN__HYDRO 24148	57.15 2.88 0.00	53.33 2.59 0.00	48.03 2.29 0.00	47.05 2.24 0.00	44.37 2.03 0.00	46.55 2.22 0.00	47.35 2.38 0.00	42.93 2.28 0.00	49.72 2.73 0.00	53.23 2.92 0.00	52.49 2.88 0.00	50.82 2.79 0.00	50.28 2.67 0.00	48.68 2.58 0.00	50.17 2.66 0.00	51.12 2.76 0.00	54.69 3.10 0.00	58.05 3.34 0.00	54.82 3.10 0.00	52.95 3.14 0.00	50.81 2.97 0.00	48.06 2.68 0.00	44.87 2.34 0.00	43.56 2.11 0.00
WARRENSBURG____ 23737	56.39 2.11 0.00	52.42 1.67 0.00	47.25 1.51 0.00	46.24 1.43 0.00	43.69 1.35 0.00	45.66 1.33 0.00	46.45 1.48 0.00	41.95 1.30 0.00	48.54 1.55 0.00	52.12 1.81 0.00	51.40 1.78 0.00	49.72 1.68 0.00	49.18 1.57 0.00	47.52 1.43 0.00	49.03 1.52 0.00	49.87 1.50 0.00	53.35 1.76 0.00	56.90 2.19 0.00	53.58 1.86 0.00	51.40 1.59 0.00	49.37 1.53 0.00	46.61 1.23 0.00	43.55 1.02 0.00	42.23 0.79 0.00
WATERSIDE____6 8 9 23538	57.31 3.04 0.00	53.34 2.79 0.19	47.69 2.52 0.56	46.61 2.51 0.71	43.58 2.24 1.00	45.94 2.39 0.79	46.57 2.65 1.05	41.55 2.64 1.74	49.33 3.20 0.86	53.32 3.37 0.36	52.52 3.37 0.47	50.60 3.27 0.70	50.02 3.19 0.78	48.18 3.09 1.00	49.96 3.23 0.78	51.01 3.29 0.65	55.03 3.56 0.12	58.48 3.77 0.01	55.21 3.62 0.13	53.06 3.64 0.39	50.55 3.44 0.74	47.34 3.09 1.13	43.71 2.72 1.54	42.47 2.49 1.47
WATKINRD_115KV_LN8_ILLION 55919	55.25 0.98 0.00	51.61 0.86 0.00	46.47 0.73 0.00	45.53 0.72 0.00	43.01 0.68 0.00	45.04 0.71 0.00	45.74 0.76 0.00	41.30 0.65 0.00	47.79 0.80 0.00	51.17 0.86 0.00	50.46 0.84 0.00	48.95 0.91 0.00	48.51 0.90 0.00	46.97 0.88 0.00	48.46 0.95 0.00	49.33 0.97 0.00	52.63 1.03 0.00	55.80 1.09 0.00	52.70 0.98 0.00	50.71 0.90 0.00	48.70 0.86 0.00	46.25 0.86 0.00	43.29 0.77 0.00	42.15 0.70 0.00
WATSON__69_KV_BK 1 55734	59.48 5.21 0.00	55.31 4.57 0.00	49.95 4.21 0.00	49.25 4.44 0.00	46.53 4.19 0.00	48.50 4.17 0.00	49.65 4.68 0.00	45.21 4.55 -0.01	53.83 5.36 -1.48	63.03 5.53 -7.19	56.29 5.56 -1.12	56.38 5.48 -2.87	56.36 5.24 -3.51	55.36 5.12 -4.15	57.51 5.46 -4.53	55.91 5.71 -1.83	57.74 6.14 -0.01	61.11 6.40 0.00	57.88 6.15 0.00	56.38 5.93 -0.64	54.45 5.45 -1.15	51.16 5.08 -0.69	46.99 4.47 0.00	45.43 3.98 0.00
WDELAWARE__HYD 323627	57.47 3.20 0.00	53.69 2.94 0.00	48.30 2.56 0.00	47.23 2.42 0.00	44.49 2.16 0.00	46.77 2.44 0.00	47.62 2.65 0.00	43.09 2.44 0.00	49.90 2.91 0.00	53.38 3.07 0.00	52.74 3.13 0.00	51.07 3.03 0.00	50.42 2.81 0.00	48.72 2.63 0.00	50.32 2.80 0.00	51.36 3.00 0.00	55.26 3.66 0.00	58.59 3.88 0.00	55.29 3.57 0.00	53.25 3.43 0.00	51.10 3.25 0.00	48.33 2.95 0.00	45.08 2.55 0.00	43.77 2.32 0.00

WEST BABYLON___IC 23714	59.05 4.78 0.00	54.91 4.16 0.00	49.67 3.93 0.00	48.93 4.12 0.00	46.19 3.85 0.00	48.19 3.86 0.00	49.29 4.32 0.00	44.89 4.23 -0.01	53.54 4.98 -1.57	63.05 5.13 -7.61	55.91 5.11 -1.18	56.12 5.04 -3.03	56.22 4.86 -3.75	55.25 4.75 -4.40	57.30 4.99 -4.79	55.58 5.27 -1.94	57.23 5.62 -0.01	60.56 5.85 0.00	57.41 5.69 0.00	55.97 5.48 -0.68	54.18 5.12 -1.22	50.88 4.77 -0.73	46.69 4.17 0.00	45.14 3.69 0.00
WEST CANADA___HYD 24049	54.44 0.16 0.00	50.85 0.10 0.00	45.83 0.09 0.00	44.90 0.09 0.00	42.42 0.08 0.00	44.38 0.04 0.00	45.11 0.14 0.00	40.77 0.12 0.00	47.13 0.14 0.00	50.46 0.15 0.00	49.77 0.15 0.00	48.18 0.14 0.00	47.75 0.14 0.00	46.23 0.14 0.00	47.70 0.19 0.00	48.51 0.15 0.00	51.75 0.16 0.00	54.98 0.27 0.00	51.88 0.16 0.00	49.96 0.15 0.00	47.99 0.14 0.00	45.52 0.14 0.00	42.66 0.13 0.00	41.53 0.08 0.00
WESTERN_NY_WIND 24143	50.42 -3.85 0.00	47.14 -3.60 0.00	42.40 -3.34 0.00	41.36 -3.45 0.00	39.29 -3.05 0.00	41.27 -3.06 0.00	41.42 -3.55 0.00	36.79 -3.86 0.00	42.53 -4.46 0.00	45.33 -4.98 0.00	45.25 -4.37 0.00	43.86 -4.18 0.00	43.52 -4.09 0.00	41.99 -4.10 0.00	43.19 -4.32 0.00	44.50 -3.87 0.00	47.73 -3.87 0.00	50.44 -4.27 0.00	47.89 -3.83 0.00	45.93 -3.89 0.00	44.16 -3.68 0.00	42.21 -3.18 0.00	39.76 -2.76 0.00	39.13 -2.32 0.00
WESTOVER___LESR 323668	53.68 -0.60 0.00	50.08 -0.66 0.00	45.15 -0.59 0.00	44.18 -0.63 0.00	41.74 -0.59 0.00	43.76 -0.58 0.00	44.39 -0.58 0.00	39.92 -0.73 0.00	46.10 -0.89 0.00	49.30 -1.01 0.00	48.77 -0.84 0.00	47.27 -0.77 0.00	46.85 -0.76 0.00	45.31 -0.78 0.00	46.71 -0.81 0.00	47.74 -0.63 0.00	50.98 -0.62 0.00	54.00 -0.71 0.00	51.10 -0.62 0.00	49.21 -0.60 0.00	47.22 -0.62 0.00	44.84 -0.54 0.00	42.02 -0.51 0.00	41.08 -0.37 0.00
WETHRSFD_WT_PWR 323626	50.09 -4.18 0.00	46.79 -3.96 0.00	42.08 -3.66 0.00	41.18 -3.63 0.00	38.95 -3.39 0.00	40.74 -3.59 0.00	41.15 -3.82 0.00	36.38 -4.27 0.00	41.91 -5.08 0.00	44.57 -5.74 0.00	44.31 -5.31 0.00	43.19 -4.85 0.00	42.95 -4.66 0.00	41.58 -4.52 0.00	42.81 -4.70 0.00	44.11 -4.26 0.00	46.69 -4.90 0.00	49.84 -4.87 0.00	46.91 -4.81 0.00	45.53 -4.28 0.00	43.73 -4.11 0.00	41.53 -3.86 0.00	39.59 -2.93 0.00	38.80 -2.65 0.00
WHAVSTOR_138KV_BK127 55557	56.82 2.55 0.00	53.03 2.28 0.00	47.80 2.06 0.00	46.87 2.06 0.00	44.16 1.82 0.00	46.33 1.99 0.00	47.17 2.20 0.00	42.80 2.15 0.00	49.57 2.58 0.00	53.03 2.72 0.00	52.30 2.68 0.00	50.63 2.59 0.00	50.13 2.52 0.00	48.54 2.44 0.00	50.03 2.52 0.00	50.98 2.61 0.00	54.43 2.84 0.00	57.77 3.06 0.00	54.62 2.90 0.00	52.70 2.89 0.00	50.62 2.77 0.00	47.88 2.50 0.00	44.70 2.17 0.00	43.40 1.95 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	56.82 2.55 0.00	53.03 2.28 0.00	47.80 2.06 0.00	46.87 2.06 0.00	44.16 1.82 0.00	46.33 1.99 0.00	47.17 2.20 0.00	42.80 2.15 0.00	49.57 2.58 0.00	53.03 2.72 0.00	52.30 2.68 0.00	50.63 2.59 0.00	50.13 2.52 0.00	48.54 2.44 0.00	50.03 2.52 0.00	50.98 2.61 0.00	54.43 2.84 0.00	57.77 3.06 0.00	54.62 2.90 0.00	52.70 2.89 0.00	50.62 2.77 0.00	47.88 2.50 0.00	44.70 2.17 0.00	43.40 1.95 0.00
WHITEHAL_115KV_TB1 80871	57.09 2.82 0.00	52.98 2.23 0.00	47.66 1.92 0.00	46.65 1.84 0.00	44.11 1.78 0.00	46.15 1.82 0.00	47.04 2.07 0.00	42.40 1.75 0.00	49.10 2.11 0.00	52.78 2.47 0.00	52.10 2.48 0.00	50.39 2.35 0.00	49.85 2.24 0.00	48.08 1.98 0.00	49.60 2.09 0.00	50.44 2.08 0.00	53.97 2.37 0.00	57.55 2.84 0.00	54.31 2.59 0.00	52.05 2.24 0.00	49.95 2.11 0.00	47.07 1.68 0.00	43.93 1.40 0.00	42.61 1.16 0.00
WHITEPLN_13_KV_LOAD 356215	57.64 3.36 0.00	53.74 2.99 0.00	48.44 2.70 0.00	47.50 2.69 0.00	44.75 2.41 0.00	46.95 2.62 0.00	47.80 2.83 0.00	43.33 2.68 0.00	50.28 3.29 0.00	53.83 3.52 0.00	53.14 3.52 0.00	51.40 3.36 0.00	50.85 3.24 0.00	49.27 3.18 0.00	50.84 3.33 0.00	51.80 3.43 0.00	55.26 3.66 0.00	58.70 3.99 0.00	55.50 3.78 0.00	53.50 3.69 0.00	51.34 3.49 0.00	48.56 3.18 0.00	45.33 2.81 0.00	44.02 2.57 0.00
WM_FLOYD_69_KV_BK2 356380	59.43 5.16 0.00	55.26 4.52 0.00	49.95 4.21 0.00	49.25 4.44 0.00	46.48 4.15 0.00	48.50 4.17 0.00	49.60 4.63 0.00	45.21 4.55 -0.01	53.84 5.40 -1.45	62.80 5.48 -7.00	56.31 5.61 -1.09	56.36 5.52 -2.79	56.11 5.09 -3.40	55.06 4.93 -4.03	57.44 5.51 -4.41	55.91 5.76 -1.79	57.74 6.14 -0.01	61.11 6.40 0.00	57.82 6.10 0.00	56.27 5.83 -0.63	54.32 5.36 -1.12	51.05 4.99 -0.67	46.87 4.34 0.00	45.30 3.85 0.00
WOODARD___115KV_TB2 355635	52.70 -1.57 0.00	49.22 -1.52 0.00	44.41 -1.33 0.00	43.47 -1.34 0.00	41.07 -1.27 0.00	43.09 -1.24 0.00	43.71 -1.26 0.00	39.47 -1.18 0.00	45.63 -1.36 0.00	48.80 -1.51 0.00	48.23 -1.39 0.00	46.74 -1.30 0.00	46.32 -1.29 0.00	44.76 -1.34 0.00	46.18 -1.33 0.00	47.11 -1.26 0.00	50.25 -1.34 0.00	53.34 -1.37 0.00	50.43 -1.29 0.00	48.52 -1.30 0.00	46.55 -1.29 0.00	44.25 -1.13 0.00	41.42 -1.11 0.00	40.33 -1.12 0.00
YORK___WARBASSE 23770	57.64 3.36 0.00	55.22 3.15 -1.33	52.52 2.84 -3.95	52.57 2.78 -4.98	51.86 2.50 -7.02	52.56 2.70 -5.53	55.25 2.92 -7.35	55.72 2.89 -12.19	56.46 3.48 -5.99	56.53 3.67 -2.55	56.53 3.62 -3.29	56.47 3.51 -4.92	56.51 3.48 -5.43	56.46 3.36 -7.00	56.51 3.52 -5.48	56.47 3.58 -4.52	56.33 3.87 -0.87	58.92 4.16 -0.06	56.63 3.98 -0.93	56.48 3.94 -2.73	56.76 3.73 -5.18	56.65 3.36 -7.91	56.35 3.02 -10.80	54.49 2.78 -10.26