

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/27/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	43.26	38.82	37.35	36.47	36.28	36.90	40.62	43.70	43.75	44.56	47.90	49.55	49.60	48.29	46.51	47.84	55.83	59.65	56.42	53.12	48.95	47.82	45.60	46.51
24138	2.64	2.20	2.18	2.13	2.12	2.19	2.48	2.90	3.35	3.41	3.67	3.88	3.89	3.70	3.56	3.54	4.37	4.67	4.23	3.84	3.50	3.38	3.26	3.16
	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
74TH STREET_GT_1	43.42	38.97	37.45	36.57	36.39	37.00	40.74	43.78	43.79	44.56	47.95	49.55	49.65	48.33	46.52	47.92	55.88	59.65	56.52	53.26	49.09	47.95	45.73	46.68
24260	2.80	2.34	2.29	2.23	2.22	2.29	2.59	2.98	3.39	3.41	3.72	3.88	3.93	3.75	3.56	3.63	4.43	4.67	4.33	3.99	3.64	3.51	3.39	3.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	43.42	38.97	37.45	36.57	36.39	37.00	40.74	43.78	43.79	44.56	47.95	49.55	49.65	48.33	46.52	47.92	55.88	59.65	56.52	53.26	49.09	47.95	45.73	46.68
24261	2.80	2.34	2.29	2.23	2.22	2.29	2.59	2.98	3.39	3.41	3.72	3.88	3.93	3.75	3.56	3.63	4.43	4.67	4.33	3.99	3.64	3.51	3.39	3.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	43.71	39.30	37.84	36.85	36.59	37.32	41.04	43.98	43.39	44.06	47.42	49.01	48.96	47.66	45.99	47.39	55.37	59.10	56.26	53.07	49.00	47.90	45.68	46.77
24011	3.09	2.67	2.67	2.51	2.43	2.60	2.90	3.18	2.99	2.92	3.18	3.33	3.25	3.08	3.05	3.10	3.91	4.12	4.07	3.79	3.55	3.47	3.34	3.42
	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	43.95	39.56	38.08	37.05	36.80	37.56	41.31	44.27	43.63	44.27	47.64	49.28	49.19	47.89	46.20	47.62	55.67	59.48	56.63	53.36	49.32	48.21	45.94	47.03
23798	3.33	2.93	2.92	2.71	2.63	2.85	3.16	3.47	3.23	3.13	3.41	3.61	3.47	3.30	3.26	3.32	4.22	4.51	4.43	4.09	3.86	3.78	3.60	3.68
	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	43.71	39.30	37.84	36.85	36.59	37.32	41.04	43.98	43.39	44.06	47.42	49.01												

ALBANY___2 23572	41.92 1.30 0.00	37.72 1.10 0.00	36.26 1.09 0.00	35.37 1.03 0.00	35.16 0.99 0.00	35.79 1.08 0.00	39.33 1.18 0.00	42.07 1.26 0.00	41.77 1.37 0.00	42.50 1.36 0.00	45.78 1.55 0.00	47.32 1.64 0.00	47.36 1.65 0.00	46.19 1.61 0.00	44.44 1.50 0.00	45.80 1.51 0.00	53.15 1.70 0.00	56.68 1.70 0.00	53.81 1.62 0.00	50.90 1.63 0.00	46.95 1.50 0.00	45.99 1.56 0.00	43.82 1.48 0.00	44.91 1.56 0.00
ALBANY___3 23573	41.92 1.30 0.00	37.72 1.10 0.00	36.26 1.09 0.00	35.37 1.03 0.00	35.16 0.99 0.00	35.79 1.08 0.00	39.33 1.18 0.00	42.07 1.26 0.00	41.77 1.37 0.00	42.50 1.36 0.00	45.78 1.55 0.00	47.32 1.64 0.00	47.36 1.65 0.00	46.19 1.61 0.00	44.44 1.50 0.00	45.80 1.51 0.00	53.15 1.70 0.00	56.68 1.70 0.00	53.81 1.62 0.00	50.90 1.63 0.00	46.95 1.50 0.00	45.99 1.56 0.00	43.82 1.48 0.00	44.91 1.56 0.00
ALBANY___4 23574	41.92 1.30 0.00	37.72 1.10 0.00	36.26 1.09 0.00	35.37 1.03 0.00	35.16 0.99 0.00	35.79 1.08 0.00	39.33 1.18 0.00	42.07 1.26 0.00	41.77 1.37 0.00	42.50 1.36 0.00	45.78 1.55 0.00	47.32 1.64 0.00	47.36 1.65 0.00	46.19 1.61 0.00	44.44 1.50 0.00	45.80 1.51 0.00	53.15 1.70 0.00	56.68 1.70 0.00	53.81 1.62 0.00	50.90 1.63 0.00	46.95 1.50 0.00	45.99 1.56 0.00	43.82 1.48 0.00	44.91 1.56 0.00
ALBANY___LFGE 323615	42.25 1.63 0.00	38.02 1.39 0.00	36.54 1.37 0.00	35.64 1.30 0.00	35.43 1.26 0.00	36.06 1.35 0.00	39.63 1.49 0.00	42.39 1.59 0.00	42.10 1.70 0.00	42.83 1.69 0.00	46.18 1.94 0.00	47.73 2.06 0.00	47.77 2.06 0.00	46.60 2.01 0.00	44.83 1.89 0.00	46.20 1.90 0.00	53.62 2.16 0.00	57.17 2.20 0.00	54.28 2.09 0.00	51.34 2.07 0.00	47.32 1.86 0.00	46.35 1.91 0.00	44.20 1.86 0.00	45.25 1.91 0.00
ALCOA_PA_115KV_PL-6C 55860	40.58 -0.04 0.00	36.70 0.07 0.00	35.27 0.11 0.00	34.44 0.10 0.00	34.30 0.14 0.00	34.71 0.00 0.00	37.99 -0.15 0.00	40.64 -0.16 0.00	40.16 -0.24 0.00	41.06 -0.08 0.00	44.23 0.00 0.00	45.63 -0.05 0.00	45.71 0.00 0.00	44.59 0.00 0.00	42.94 0.00 0.00	44.29 0.00 0.00	51.35 -0.10 0.00	54.64 -0.33 0.00	51.98 -0.21 0.00	49.22 -0.05 0.00	45.50 0.05 0.00	44.48 0.04 0.00	42.42 0.08 0.00	43.52 0.17 0.00
ALCOA_RYNLDS___DRP 24188	40.58 -0.04 0.00	36.70 0.07 0.00	35.27 0.11 0.00	34.44 0.10 0.00	34.30 0.14 0.00	34.71 0.00 0.00	37.99 -0.15 0.00	40.64 -0.16 0.00	40.16 -0.24 0.00	41.06 -0.08 0.00	44.23 0.00 0.00	45.63 -0.05 0.00	45.71 0.00 0.00	44.59 0.00 0.00	42.94 0.00 0.00	44.29 0.00 0.00	51.35 -0.10 0.00	54.64 -0.33 0.00	51.98 -0.21 0.00	49.22 -0.05 0.00	45.50 0.05 0.00	44.48 0.04 0.00	42.42 0.08 0.00	43.52 0.17 0.00
ALCOA___DSASP 323711	40.58 -0.04 0.00	36.70 0.07 0.00	35.27 0.11 0.00	34.44 0.10 0.00	34.30 0.14 0.00	34.71 0.00 0.00	37.99 -0.15 0.00	40.64 -0.16 0.00	40.16 -0.24 0.00	41.06 -0.08 0.00	44.23 0.00 0.00	45.63 -0.05 0.00	45.71 0.00 0.00	44.59 0.00 0.00	42.94 0.00 0.00	44.29 0.00 0.00	51.35 -0.10 0.00	54.64 -0.33 0.00	51.98 -0.21 0.00	49.22 -0.05 0.00	45.50 0.05 0.00	44.48 0.04 0.00	42.42 0.08 0.00	43.52 0.17 0.00
ALLEGHENY___COGEN 23514	39.57 -1.06 0.00	35.82 -0.81 0.00	34.29 -0.88 0.00	33.55 -0.79 0.00	33.38 -0.78 0.00	34.09 -0.62 0.00	37.57 -0.57 0.00	40.19 -0.61 0.00	39.23 -1.17 0.00	39.74 -1.40 0.00	42.46 -1.77 0.00	43.57 -2.10 0.00	43.33 -2.38 0.00	42.22 -2.36 0.00	40.92 -2.02 0.00	42.47 -1.82 0.00	49.60 -1.85 0.00	54.04 -0.93 0.00	51.67 -0.52 0.00	48.68 -0.59 0.00	44.96 -0.50 0.00	43.77 -0.67 0.00	41.37 -0.97 0.00	42.48 -0.87 0.00
ALTAMONT_115KV_TB 2 55880	41.84 1.22 0.00	37.65 1.03 0.00	36.19 1.02 0.00	35.30 0.96 0.00	35.12 0.96 0.00	35.72 1.01 0.00	39.25 1.11 0.00	42.03 1.22 0.00	41.73 1.33 0.00	42.42 1.28 0.00	45.69 1.46 0.00	47.18 1.51 0.00	47.22 1.51 0.00	46.06 1.47 0.00	44.32 1.37 0.00	45.67 1.37 0.00	53.10 1.65 0.00	56.68 1.70 0.00	53.81 1.62 0.00	50.80 1.53 0.00	46.86 1.41 0.00	45.86 1.42 0.00	43.74 1.40 0.00	44.78 1.43 0.00
ALTONA_WT_PWR 323606	39.77 -0.85 0.00	36.04 -0.59 0.00	34.71 -0.46 0.00	33.96 -0.38 0.00	33.79 -0.38 0.00	34.19 -0.52 0.00	37.42 -0.73 0.00	39.94 -0.86 0.00	39.43 -0.97 0.00	40.24 -0.91 0.00	43.26 -0.97 0.00	44.53 -1.14 0.00	44.66 -1.05 0.00	43.61 -0.98 0.00	42.04 -0.90 0.00	43.45 -0.84 0.00	50.48 -0.98 0.00	53.76 -1.21 0.00	51.25 -0.94 0.00	48.58 -0.69 0.00	44.91 -0.54 0.00	43.91 -0.53 0.00	41.96 -0.38 0.00	43.04 -0.30 0.00
AMERICAN_REF_FUEL 24010	36.48 -4.14 0.00	33.22 -3.41 0.00	31.79 -3.38 0.00	31.18 -3.16 0.00	31.06 -3.11 0.00	31.41 -3.30 0.00	34.41 -3.74 0.00	36.72 -4.08 0.00	36.08 -4.32 0.00	36.82 -4.32 0.00	39.50 -4.73 0.00	40.46 -5.21 0.00	40.23 -5.49 0.00	39.37 -5.22 0.00	38.09 -4.85 0.00	39.07 -5.23 0.00	45.07 -6.38 0.00	48.70 -6.27 0.00	46.14 -6.05 0.00	43.36 -5.91 0.00	40.04 -5.41 0.00	39.19 -5.24 0.00	37.30 -5.04 0.00	38.66 -4.68 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.87 -4.75 0.00	32.63 -3.99 0.00	31.16 -4.01 0.00	30.56 -3.78 0.00	30.44 -3.72 0.00	30.72 -3.99 0.00	33.87 -4.27 0.00	36.23 -4.57 0.00	35.63 -4.77 0.00	36.33 -4.81 0.00	38.79 -5.44 0.00	39.87 -5.80 0.00	39.54 -6.17 0.00	38.61 -5.97 0.00	37.36 -5.58 0.00	38.49 -5.80 0.00	44.56 -6.89 0.00	49.37 -5.61 0.00	46.82 -5.37 0.00	43.06 -6.21 0.00	39.68 -5.77 0.00	38.66 -5.78 0.00	36.75 -5.59 0.00	38.06 -5.29 0.00
ARTHUR KILL_GT_1 23520	43.31 2.68 -0.01	38.87 2.23 -0.01	37.35 2.18 -0.01	36.48 2.13 -0.01	36.26 2.08 -0.01	36.86 2.15 0.00	40.47 2.33 0.00	43.37 2.57 0.00	43.35 2.95 0.00	44.02 2.88 0.00	47.42 3.18 0.00	49.05 3.38 0.00	49.19 3.47 0.00	47.89 3.30 0.00	46.09 3.13 -0.02	47.53 3.23 0.00	55.57 4.12 0.00	59.32 4.34 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.86 3.41 0.00	47.73 3.29 0.00	45.60 3.26 0.00	46.65 3.29 -0.01
ARTHUR_KILL_2 23512	43.19 2.56 -0.01	38.76 2.12 -0.01	37.28 2.11 -0.01	36.37 2.03 -0.01	36.19 2.02 -0.01	36.79 2.08 0.00	40.39 2.25 0.00	43.25 2.45 0.00	43.24 2.83 -0.01	43.95 2.80 -0.01	47.29 3.05 -0.01	48.97 3.29 -0.01	49.06 3.34 -0.01	47.81 3.21 -0.01	45.96 3.00 -0.02	47.45 3.15 -0.01	55.43 3.96 -0.01	59.16 4.18 -0.01	56.11 3.92 0.00	52.92 3.65 0.00	48.77 3.32 0.00	47.59 3.16 0.00	45.52 3.18 -0.01	46.48 3.12 -0.01
ARTHUR_KILL_3 23513	43.10 2.48 0.00	38.71 2.09 0.00	37.20 2.04 0.00	36.33 1.99 0.00	36.15 1.98 0.00	36.79 2.08 0.00	40.51 2.37 0.00	43.54 2.73 0.00	43.56 3.15 -0.01	44.32 3.17 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.33 3.61 -0.01	48.03 3.43 -0.01	46.22 3.26 -0.02	47.62 3.32 -0.01	55.53 4.06 -0.01	59.32 4.34 -0.01	56.16 3.96 0.00	52.92 3.65 0.00	48.82 3.36 0.00	47.59 3.16 0.00	45.40 3.05 -0.01	46.29 2.95 0.00

ARTHUR_KILL_COGEN 323718	43.27 2.64 -0.01	38.87 2.23 -0.01	37.36 2.18 -0.01	36.44 2.09 -0.01	36.26 2.08 -0.01	36.87 2.15 0.00	40.47 2.33 0.00	43.37 2.57 0.00	43.36 2.95 -0.01	44.03 2.88 -0.01	47.43 3.19 -0.01	49.06 3.38 -0.01	49.15 3.43 -0.01	47.90 3.30 -0.01	46.09 3.13 -0.02	47.53 3.23 -0.01	55.58 4.12 -0.01	59.32 4.34 -0.01	56.27 4.07 0.00	53.02 3.74 0.00	48.91 3.45 0.00	47.68 3.24 0.00	45.61 3.26 -0.01	46.61 3.25 -0.01
ASHOKAN____ 23654	42.85 2.23 0.00	38.42 1.79 0.00	36.92 1.76 0.00	36.09 1.75 0.00	35.91 1.74 0.00	36.41 1.70 0.00	39.97 1.83 0.00	42.64 1.84 0.00	42.50 2.10 0.00	43.04 1.89 0.00	45.96 1.72 0.00	47.27 1.60 0.00	47.54 1.83 0.00	46.46 1.87 0.00	44.62 1.67 0.00	46.33 2.04 0.00	54.03 2.57 0.00	57.50 2.53 0.00	54.65 2.45 0.00	51.78 2.51 0.00	47.77 2.32 0.00	46.97 2.53 0.00	44.88 2.54 0.00	45.90 2.56 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.76 3.13 -0.01	39.27 2.64 -0.01	37.74 2.57 -0.01	36.85 2.51 -0.01	36.67 2.49 -0.01	37.32 2.60 0.00	40.89 2.75 0.00	43.70 2.90 0.00	43.60 3.19 -0.01	44.32 3.17 -0.01	47.64 3.41 0.00	49.24 3.56 0.00	49.32 3.61 0.00	48.11 3.52 0.00	46.30 3.35 -0.01	47.70 3.41 0.00	55.62 4.17 0.00	59.32 4.34 0.00	56.20 4.02 0.01	52.96 3.70 0.01	48.81 3.36 0.01	47.64 3.20 0.00	45.82 3.47 -0.01	46.91 3.56 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	43.76 3.13 -0.01	39.27 2.64 -0.01	37.74 2.57 -0.01	36.85 2.51 -0.01	36.67 2.49 -0.01	37.32 2.60 0.00	40.89 2.75 0.00	43.70 2.90 0.00	43.60 3.19 -0.01	44.32 3.17 -0.01	47.64 3.41 0.00	49.24 3.56 0.00	49.32 3.61 0.00	48.11 3.52 0.00	46.30 3.35 -0.01	47.70 3.41 0.00	55.62 4.17 0.00	59.32 4.34 0.00	56.20 4.02 0.01	52.96 3.70 0.01	48.81 3.36 0.01	47.64 3.20 0.00	45.82 3.47 -0.01	46.91 3.56 -0.01
ASTORIA_GT2_1 24094	43.76 3.13 -0.01	39.31 2.67 -0.01	37.78 2.60 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.85 3.51 0.00	46.95 3.60 -0.01
ASTORIA_GT2_2 24095	43.76 3.13 -0.01	39.31 2.67 -0.01	37.78 2.60 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.85 3.51 0.00	46.95 3.60 -0.01
ASTORIA_GT2_3 24096	43.76 3.13 -0.01	39.31 2.67 -0.01	37.78 2.60 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.85 3.51 0.00	46.95 3.60 -0.01
ASTORIA_GT2_4 24097	43.76 3.13 -0.01	39.31 2.67 -0.01	37.78 2.60 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.85 3.51 0.00	46.95 3.60 -0.01
ASTORIA_GT3_1 24098	43.76 3.13 -0.01	39.31 2.67 -0.01	37.78 2.60 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.85 3.51 0.00	46.95 3.60 -0.01
ASTORIA_GT3_2 24099	43.76 3.13 -0.01	39.31 2.67 -0.01	37.78 2.60 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.85 3.51 0.00	46.95 3.60 -0.01
ASTORIA_GT3_3 24100	43.76 3.13 -0.01	39.31 2.67 -0.01	37.78 2.60 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.85 3.51 0.00	46.95 3.60 -0.01
ASTORIA_GT3_4 24101	43.76 3.13 -0.01	39.31 2.67 -0.01	37.78 2.60 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.85 3.51 0.00	46.95 3.60 -0.01
ASTORIA_GT4_1 24102	43.76 3.13 -0.01	39.31 2.67 -0.01	37.78 2.60 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.85 3.51 0.00	46.95 3.60 -0.01
ASTORIA_GT4_2 24103	43.76 3.13 -0.01	39.31 2.67 -0.01	37.78 2.60 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.85 3.51 0.00	46.95 3.60 -0.01
ASTORIA_GT4_3 24104	43.76 3.13 -0.01	39.31 2.67 -0.01	37.78 2.60 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.85 3.51 0.00	46.95 3.60 -0.01

ASTORIA_GT4_4 24105	43.76 3.13 -0.01	39.31 2.67 -0.01	37.78 2.60 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.85 3.51 0.00	46.95 3.60 -0.01
ASTORIA_GT_1 23523	43.84 3.21 -0.01	39.34 2.71 -0.01	37.81 2.64 -0.01	36.92 2.58 -0.01	36.73 2.56 -0.01	37.39 2.67 0.00	40.97 2.82 0.00	43.78 2.98 0.00	43.67 3.27 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.20 3.61 0.00	46.39 3.44 -0.02	47.79 3.50 0.00	55.73 4.27 0.00	59.48 4.51 0.00	56.37 4.18 0.00	53.07 3.79 0.00	48.86 3.41 0.00	47.82 3.38 0.00	45.90 3.56 0.00	46.99 3.64 -0.01
ASTORIA_GT_10 24110	43.47 2.84 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.46 2.29 -0.01	37.07 2.36 0.00	40.74 2.59 0.00	43.66 2.86 0.00	43.63 3.23 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.20 3.61 0.00	46.35 3.39 -0.02	47.79 3.50 0.00	55.78 4.32 0.00	59.48 4.51 0.00	56.42 4.23 0.00	53.17 3.89 0.00	48.95 3.50 0.00	47.82 3.38 0.00	45.68 3.34 0.00	46.73 3.38 -0.01
ASTORIA_GT_11 24225	43.47 2.84 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.46 2.29 -0.01	37.07 2.36 0.00	40.74 2.59 0.00	43.66 2.86 0.00	43.63 3.23 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.20 3.61 0.00	46.35 3.39 -0.02	47.79 3.50 0.00	55.78 4.32 0.00	59.48 4.51 0.00	56.42 4.23 0.00	53.17 3.89 0.00	48.95 3.50 0.00	47.82 3.38 0.00	45.68 3.34 0.00	46.73 3.38 -0.01
ASTORIA_GT_12 24226	43.47 2.84 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.46 2.29 -0.01	37.07 2.36 0.00	40.74 2.59 0.00	43.66 2.86 0.00	43.63 3.23 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.20 3.61 0.00	46.35 3.39 -0.02	47.79 3.50 0.00	55.78 4.32 0.00	59.48 4.51 0.00	56.42 4.23 0.00	53.17 3.89 0.00	48.95 3.50 0.00	47.82 3.38 0.00	45.68 3.34 0.00	46.73 3.38 -0.01
ASTORIA_GT_13 24227	43.47 2.84 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.46 2.29 -0.01	37.07 2.36 0.00	40.74 2.59 0.00	43.66 2.86 0.00	43.63 3.23 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.20 3.61 0.00	46.35 3.39 -0.02	47.79 3.50 0.00	55.78 4.32 0.00	59.48 4.51 0.00	56.42 4.23 0.00	53.17 3.89 0.00	48.95 3.50 0.00	47.82 3.38 0.00	45.68 3.34 0.00	46.73 3.38 -0.01
ASTORIA_GT_5 24106	43.84 3.21 -0.01	39.34 2.71 -0.01	37.81 2.64 -0.01	36.92 2.58 -0.01	36.73 2.56 -0.01	37.39 2.67 0.00	40.97 2.82 0.00	43.78 2.98 0.00	43.67 3.27 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.20 3.61 0.00	46.39 3.44 -0.02	47.79 3.50 0.00	55.73 4.27 0.00	59.48 4.51 0.00	56.37 4.18 0.00	53.07 3.79 0.00	48.86 3.41 0.00	47.82 3.38 0.00	45.90 3.56 0.00	46.99 3.64 -0.01
ASTORIA_GT_7 24107	43.84 3.21 -0.01	39.34 2.71 -0.01	37.81 2.64 -0.01	36.92 2.58 -0.01	36.73 2.56 -0.01	37.39 2.67 0.00	40.97 2.82 0.00	43.78 2.98 0.00	43.67 3.27 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.20 3.61 0.00	46.39 3.44 -0.02	47.79 3.50 0.00	55.73 4.27 0.00	59.48 4.51 0.00	56.37 4.18 0.00	53.07 3.79 0.00	48.86 3.41 0.00	47.82 3.38 0.00	45.90 3.56 0.00	46.99 3.64 -0.01
ASTORIA_GT_8 24108	43.84 3.21 -0.01	39.34 2.71 -0.01	37.81 2.64 -0.01	36.92 2.58 -0.01	36.73 2.56 -0.01	37.39 2.67 0.00	40.97 2.82 0.00	43.78 2.98 0.00	43.67 3.27 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.20 3.61 0.00	46.39 3.44 -0.02	47.79 3.50 0.00	55.73 4.27 0.00	59.48 4.51 0.00	56.37 4.18 0.00	53.07 3.79 0.00	48.86 3.41 0.00	47.82 3.38 0.00	45.90 3.56 0.00	46.99 3.64 -0.01
ASTORIA___2 24149	43.76 3.13 -0.01	39.31 2.67 -0.01	37.74 2.57 -0.01	36.89 2.54 -0.01	36.70 2.53 -0.01	37.32 2.60 0.00	40.93 2.78 0.00	43.74 2.94 0.00	43.60 3.19 -0.01	44.32 3.17 -0.01	47.64 3.41 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.30 3.35 -0.01	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.01	52.96 3.70 0.01	48.81 3.36 0.01	47.68 3.24 0.00	45.86 3.51 -0.01	46.91 3.56 -0.01
ASTORIA___3 23516	43.47 2.84 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.46 2.29 -0.01	37.07 2.36 0.00	40.74 2.60 0.00	43.66 2.86 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.74 3.49 -0.01	49.38 3.70 -0.01	49.47 3.75 -0.01	48.21 3.61 -0.01	46.35 3.39 -0.02	47.80 3.50 -0.01	55.79 4.32 -0.01	59.49 4.51 -0.01	56.42 4.23 0.00	53.16 3.89 0.00	49.00 3.55 0.00	47.81 3.38 0.00	45.69 3.34 -0.01	46.69 3.34 -0.01
ASTORIA___4 23517	43.47 2.84 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.46 2.29 -0.01	37.07 2.36 0.00	40.74 2.59 0.00	43.66 2.86 0.00	43.63 3.23 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.20 3.61 0.00	46.35 3.39 -0.02	47.79 3.50 0.00	55.78 4.32 0.00	59.48 4.51 0.00	56.42 4.23 0.00	53.17 3.89 0.00	48.95 3.50 0.00	47.82 3.38 0.00	45.68 3.34 0.00	46.73 3.38 -0.01
ASTORIA___5 23518	43.47 2.84 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.46 2.29 -0.01	37.07 2.36 0.00	40.74 2.60 0.00	43.66 2.86 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.74 3.49 -0.01	49.38 3.70 -0.01	49.47 3.75 -0.01	48.21 3.61 -0.01	46.35 3.39 -0.02	47.80 3.50 -0.01	55.79 4.32 -0.01	59.49 4.51 -0.01	56.42 4.23 0.00	53.16 3.89 0.00	49.00 3.55 0.00	47.81 3.38 0.00	45.69 3.34 -0.01	46.69 3.34 -0.01
AST_ENERGY_2_CC3 323677	43.51 2.88 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.46 2.29 -0.01	37.11 2.39 0.00	40.66 2.52 0.00	43.45 2.65 0.00	43.36 2.95 -0.01	44.07 2.92 -0.01	47.28 3.05 0.00	48.73 3.06 0.00	48.82 3.11 0.00	47.75 3.17 0.00	46.04 3.09 -0.01	47.35 3.05 0.00	55.06 3.60 0.00	58.71 3.74 0.00	55.68 3.50 0.01	52.42 3.16 0.01	48.31 2.87 0.01	47.29 2.85 0.00	45.56 3.22 -0.01	46.65 3.29 -0.01
AST_ENERGY_2_CC4 323678	43.51 2.88 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.46 2.29 -0.01	37.11 2.39 0.00	40.66 2.52 0.00	43.45 2.65 0.00	43.36 2.95 -0.01	44.07 2.92 -0.01	47.28 3.05 0.00	48.73 3.06 0.00	48.82 3.11 0.00	47.75 3.17 0.00	46.04 3.09 -0.01	47.35 3.05 0.00	55.06 3.60 0.00	58.71 3.74 0.00	55.68 3.50 0.01	52.42 3.16 0.01	48.31 2.87 0.01	47.29 2.85 0.00	45.56 3.22 -0.01	46.65 3.29 -0.01

ATHENS_STG_1 23668	42.08 1.46 0.00	37.87 1.25 0.00	36.36 1.20 0.00	35.51 1.17 0.00	35.33 1.16 0.00	35.93 1.21 0.00	39.52 1.37 0.00	42.35 1.55 0.00	42.14 1.74 0.00	42.83 1.69 0.00	46.09 1.86 0.00	47.64 1.96 0.00	47.72 2.01 0.00	46.50 1.92 0.00	44.66 1.72 0.00	46.02 1.73 0.00	53.56 2.11 0.00	57.17 2.20 0.00	54.23 2.03 0.00	51.14 1.87 0.00	47.18 1.73 0.00	46.13 1.69 0.00	44.03 1.70 0.00	45.08 1.74 0.00
ATHENS_STG_2 23670	42.08 1.46 0.00	37.87 1.25 0.00	36.36 1.20 0.00	35.51 1.17 0.00	35.33 1.16 0.00	35.93 1.21 0.00	39.52 1.37 0.00	42.35 1.55 0.00	42.14 1.74 0.00	42.83 1.69 0.00	46.09 1.86 0.00	47.64 1.96 0.00	47.72 2.01 0.00	46.50 1.92 0.00	44.66 1.72 0.00	46.02 1.73 0.00	53.56 2.11 0.00	57.17 2.20 0.00	54.23 2.03 0.00	51.14 1.87 0.00	47.18 1.73 0.00	46.13 1.69 0.00	44.03 1.70 0.00	45.08 1.74 0.00
ATHENS_STG_3 23677	42.08 1.46 0.00	37.87 1.25 0.00	36.36 1.20 0.00	35.51 1.17 0.00	35.33 1.16 0.00	35.93 1.21 0.00	39.52 1.37 0.00	42.35 1.55 0.00	42.14 1.74 0.00	42.83 1.69 0.00	46.09 1.86 0.00	47.64 1.96 0.00	47.72 2.01 0.00	46.50 1.92 0.00	44.66 1.72 0.00	46.02 1.73 0.00	53.56 2.11 0.00	57.17 2.20 0.00	54.23 2.03 0.00	51.14 1.87 0.00	47.18 1.73 0.00	46.13 1.69 0.00	44.03 1.70 0.00	45.08 1.74 0.00
AUBURN___LFGE 323710	40.22 -0.41 0.00	36.30 -0.33 0.00	34.74 -0.42 0.00	33.96 -0.38 0.00	33.79 -0.38 0.00	34.33 -0.38 0.00	37.84 -0.31 0.00	40.48 -0.33 0.00	39.96 -0.44 0.00	40.69 -0.45 0.00	43.66 -0.58 0.00	45.17 -0.50 0.00	45.12 -0.59 0.00	43.96 -0.62 0.00	42.47 -0.47 0.00	43.85 -0.44 0.00	50.89 -0.57 0.00	54.64 -0.33 0.00	51.88 -0.31 0.00	48.93 -0.34 0.00	45.09 -0.36 0.00	44.04 -0.40 0.00	41.75 -0.59 0.00	42.70 -0.65 0.00
BABYLON_RES_REC 323704	43.79 3.17 0.00	39.12 2.49 0.00	37.52 2.36 0.00	36.57 2.23 0.00	36.49 2.32 0.00	37.32 2.60 0.00	41.36 3.20 -0.01	44.36 3.55 -0.01	44.33 3.92 -0.01	44.93 3.78 0.00	48.14 3.89 -0.01	49.70 4.02 -0.01	54.23 4.02 -4.49	60.71 3.92 -12.20	67.28 3.73 -20.61	68.77 4.03 -20.45	77.00 5.10 -20.45	74.79 5.50 -14.32	71.86 5.01 -14.65	69.59 4.58 -15.73	67.40 4.09 -17.85	61.82 3.86 -13.52	48.52 3.77 -2.41	47.04 3.68 -0.01
BALL_HILL_WT_PWR 323825	36.93 -3.70 0.00	33.62 -3.00 0.00	32.14 -3.02 0.00	31.52 -2.82 0.00	31.40 -2.77 0.00	31.73 -2.99 0.00	34.90 -3.24 0.00	37.33 -3.47 0.00	36.72 -3.68 0.00	37.40 -3.74 0.00	40.03 -4.20 0.00	41.11 -4.57 0.00	40.87 -4.85 0.00	39.91 -4.68 0.00	38.61 -4.34 0.00	39.73 -4.56 0.00	45.95 -5.50 0.00	50.03 -4.95 0.00	47.34 -4.85 0.00	44.30 -4.97 0.00	40.87 -4.59 0.00	39.86 -4.58 0.00	37.89 -4.45 0.00	39.23 -4.12 0.00
BARON_WINDS___WT_PWR 323822	37.74 -2.88 0.00	34.25 -2.38 0.00	32.77 -2.39 0.00	32.07 -2.27 0.00	31.94 -2.22 0.00	32.39 -2.33 0.00	35.70 -2.44 0.00	38.23 -2.57 0.00	37.65 -2.75 0.00	38.30 -2.84 0.00	40.96 -3.27 0.00	42.20 -3.47 0.00	42.05 -3.66 0.00	41.02 -3.57 0.00	39.68 -3.27 0.00	40.97 -3.32 0.00	47.59 -3.86 0.00	51.40 -3.57 0.00	48.75 -3.45 0.00	45.82 -3.45 0.00	42.27 -3.18 0.00	41.24 -3.20 0.00	39.12 -3.22 0.00	40.27 -3.08 0.00
BARRETT_IC_1 23704	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01
BARRETT_IC_10 23701	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01
BARRETT_IC_11 23702	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01
BARRETT_IC_12 23703	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01
BARRETT_IC_2 23705	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01
BARRETT_IC_3 23706	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01
BARRETT_IC_4 23707	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01
BARRETT_IC_5 23708	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01

BARRETT_IC_6 23709	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01
BARRETT_IC_7 23710	43.55 2.92 0.00	38.86 2.23 0.00	37.42 2.25 0.00	36.47 2.13 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.93 3.51 -0.01	44.56 3.41 0.00	47.74 3.49 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.01 -21.46	68.78 3.19 -21.30	76.61 3.86 -21.30	74.06 4.18 -14.91	71.37 3.91 -15.26	69.25 3.60 -16.38	67.27 3.23 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.61 3.25 -0.01
BARRETT_IC_8 23711	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01
BARRETT_IC_9 23700	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01
BARRETT___1 23545	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01
BARRETT___2 23546	43.46 2.84 0.00	38.86 2.23 0.00	37.31 2.15 0.00	36.40 2.06 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.98 2.82 -0.01	43.95 3.14 -0.01	43.92 3.51 -0.01	44.56 3.41 0.00	47.70 3.45 -0.01	49.25 3.56 -0.01	53.82 3.43 -4.68	60.59 3.30 -12.71	67.41 3.00 -21.46	68.78 3.19 -21.30	76.62 3.86 -21.30	74.01 4.13 -14.91	71.37 3.92 -15.26	69.25 3.60 -16.38	67.32 3.27 -18.59	61.72 3.20 -14.08	47.94 3.09 -2.51	46.56 3.21 -0.01
BATAVIA___115KV_TB1 55881	38.02 -2.60 0.00	34.58 -2.05 0.00	33.06 -2.11 0.00	32.38 -1.96 0.00	32.29 -1.88 0.00	32.84 -1.87 0.00	36.01 -2.14 0.00	38.52 -2.28 0.00	37.85 -2.55 0.00	38.63 -2.51 0.00	41.31 -2.92 0.00	42.57 -3.11 0.00	42.29 -3.43 0.00	41.33 -3.25 0.00	40.06 -2.88 0.00	41.15 -3.14 0.00	47.60 -3.86 0.00	51.51 -3.46 0.00	48.85 -3.34 0.00	45.92 -3.35 0.00	42.41 -3.05 0.00	41.42 -3.02 0.00	39.33 -3.01 0.00	40.53 -2.82 0.00
BAYONEEC___CTG1 323682	43.18 2.56 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.87 2.15 0.00	40.55 2.40 0.00	43.58 2.78 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.69 3.45 -0.01	49.34 3.66 -0.01	49.38 3.66 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.27 4.07 0.00	53.02 3.74 0.00	48.91 3.45 0.00	47.68 3.24 0.00	45.52 3.18 -0.01	46.38 3.03 0.00
BAYONEEC___CTG10 323750	43.18 2.56 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.87 2.15 0.00	40.55 2.40 0.00	43.58 2.78 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.69 3.45 -0.01	49.34 3.66 -0.01	49.38 3.66 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.27 4.07 0.00	53.02 3.74 0.00	48.91 3.45 0.00	47.68 3.24 0.00	45.52 3.18 -0.01	46.38 3.03 0.00
BAYONEEC___CTG2 323683	43.18 2.56 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.87 2.15 0.00	40.55 2.40 0.00	43.58 2.78 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.69 3.45 -0.01	49.34 3.66 -0.01	49.38 3.66 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.27 4.07 0.00	53.02 3.74 0.00	48.91 3.45 0.00	47.68 3.24 0.00	45.52 3.18 -0.01	46.38 3.03 0.00
BAYONEEC___CTG3 323684	43.18 2.56 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.87 2.15 0.00	40.55 2.40 0.00	43.58 2.78 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.69 3.45 -0.01	49.34 3.66 -0.01	49.38 3.66 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.27 4.07 0.00	53.02 3.74 0.00	48.91 3.45 0.00	47.68 3.24 0.00	45.52 3.18 -0.01	46.38 3.03 0.00
BAYONEEC___CTG4 323685	43.18 2.56 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.87 2.15 0.00	40.55 2.40 0.00	43.58 2.78 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.69 3.45 -0.01	49.34 3.66 -0.01	49.38 3.66 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.27 4.07 0.00	53.02 3.74 0.00	48.91 3.45 0.00	47.68 3.24 0.00	45.52 3.18 -0.01	46.38 3.03 0.00
BAYONEEC___CTG5 323686	43.18 2.56 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.87 2.15 0.00	40.55 2.40 0.00	43.58 2.78 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.69 3.45 -0.01	49.34 3.66 -0.01	49.38 3.66 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.27 4.07 0.00	53.02 3.74 0.00	48.91 3.45 0.00	47.68 3.24 0.00	45.52 3.18 -0.01	46.38 3.03 0.00
BAYONEEC___CTG6 323687	43.18 2.56 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.87 2.15 0.00	40.55 2.40 0.00	43.58 2.78 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.69 3.45 -0.01	49.34 3.66 -0.01	49.38 3.66 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.27 4.07 0.00	53.02 3.74 0.00	48.91 3.45 0.00	47.68 3.24 0.00	45.52 3.18 -0.01	46.38 3.03 0.00
BAYONEEC___CTG7 323688	43.18 2.56 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.87 2.15 0.00	40.55 2.40 0.00	43.58 2.78 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.69 3.45 -0.01	49.34 3.66 -0.01	49.38 3.66 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.27 4.07 0.00	53.02 3.74 0.00	48.91 3.45 0.00	47.68 3.24 0.00	45.52 3.18 -0.01	46.38 3.03 0.00

BAYONEEC___CTG8 323689	43.18 2.56 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.87 2.15 0.00	40.55 2.40 0.00	43.58 2.78 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.69 3.45 -0.01	49.34 3.66 -0.01	49.38 3.66 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.27 4.07 0.00	53.02 3.74 0.00	48.91 3.45 0.00	47.68 3.24 0.00	45.52 3.18 -0.01	46.38 3.03 0.00
BAYONEEC___CTG9 323749	43.18 2.56 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.87 2.15 0.00	40.55 2.40 0.00	43.58 2.78 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.69 3.45 -0.01	49.34 3.66 -0.01	49.38 3.66 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.27 4.07 0.00	53.02 3.74 0.00	48.91 3.45 0.00	47.68 3.24 0.00	45.52 3.18 -0.01	46.38 3.03 0.00
BEACON___LESR 323632	42.45 1.83 0.00	38.16 1.54 0.00	36.71 1.55 0.00	35.78 1.44 0.00	35.57 1.40 0.00	36.24 1.53 0.00	39.82 1.68 0.00	42.64 1.84 0.00	42.26 1.86 0.00	43.00 1.85 0.00	46.31 2.08 0.00	47.91 2.24 0.00	47.91 2.19 0.00	46.73 2.14 0.00	44.96 2.02 0.00	46.37 2.08 0.00	53.87 2.42 0.00	57.45 2.48 0.00	54.59 2.40 0.00	51.59 2.32 0.00	47.59 2.14 0.00	46.57 2.13 0.00	44.41 2.07 0.00	45.47 2.12 0.00
BEAVER RIVER___HYD 24048	40.50 -0.12 0.00	36.55 -0.07 0.00	35.03 -0.14 0.00	34.17 -0.17 0.00	34.03 -0.14 0.00	34.43 -0.28 0.00	37.57 -0.57 0.00	40.19 -0.61 0.00	39.75 -0.65 0.00	40.57 -0.58 0.00	43.93 -0.31 0.00	45.17 -0.50 0.00	45.12 -0.60 0.00	44.05 -0.53 0.00	42.47 -0.47 0.00	43.85 -0.44 0.00	50.73 -0.72 0.00	54.37 -0.60 0.00	51.57 -0.62 0.00	48.83 -0.44 0.00	45.27 -0.18 0.00	44.35 -0.09 0.00	42.09 -0.25 0.00	43.00 -0.35 0.00
BEEBEE_GT_13 23619	38.79 -1.83 0.00	35.16 -1.47 0.00	33.65 -1.51 0.00	32.93 -1.41 0.00	32.76 -1.40 0.00	33.39 -1.32 0.00	36.69 -1.45 0.00	39.21 -1.59 0.00	38.66 -1.74 0.00	39.50 -1.65 0.00	42.42 -1.81 0.00	43.75 -1.92 0.00	43.61 -2.10 0.00	42.58 -2.01 0.00	41.18 -1.76 0.00	42.34 -1.95 0.00	48.98 -2.47 0.00	52.72 -2.25 0.00	50.00 -2.19 0.00	47.06 -2.22 0.00	43.45 -2.00 0.00	42.39 -2.04 0.00	40.26 -2.07 0.00	41.35 -1.99 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.51 2.88 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.43 2.25 -0.01	37.07 2.36 0.00	40.70 2.56 0.00	43.62 2.82 0.00	43.63 3.23 0.00	44.35 3.21 0.00	47.77 3.54 0.00	49.42 3.75 0.00	49.51 3.79 0.00	48.24 3.66 0.00	46.39 3.44 -0.02	47.88 3.59 0.00	55.88 4.43 0.00	59.65 4.67 0.00	56.58 4.38 0.00	53.31 4.04 0.00	49.09 3.64 0.00	47.95 3.51 0.00	45.81 3.47 0.00	46.86 3.51 -0.01
BETHLEHEM___GRP 23843	41.92 1.30 0.00	37.72 1.10 0.00	36.26 1.09 0.00	35.37 1.03 0.00	35.16 0.99 0.00	35.79 1.08 0.00	39.33 1.18 0.00	42.07 1.26 0.00	41.77 1.37 0.00	42.50 1.36 0.00	45.78 1.55 0.00	47.32 1.64 0.00	47.36 1.65 0.00	46.19 1.61 0.00	44.44 1.50 0.00	45.80 1.51 0.00	53.15 1.70 0.00	56.68 1.70 0.00	53.81 1.62 0.00	50.90 1.63 0.00	46.95 1.50 0.00	45.99 1.56 0.00	43.82 1.48 0.00	44.91 1.56 0.00
BETHLEHEM___GS1 323560	41.92 1.30 0.00	37.72 1.10 0.00	36.26 1.09 0.00	35.37 1.03 0.00	35.16 0.99 0.00	35.79 1.08 0.00	39.33 1.18 0.00	42.07 1.27 0.00	41.77 1.37 0.00	42.50 1.36 0.00	45.78 1.55 0.00	47.31 1.64 0.00	47.36 1.64 0.00	46.19 1.60 0.00	44.44 1.50 0.00	45.80 1.51 0.00	53.15 1.70 0.00	56.68 1.71 0.00	53.81 1.62 0.00	50.90 1.62 0.00	46.95 1.50 0.00	45.99 1.55 0.00	43.82 1.48 0.00	44.86 1.52 0.00
BETHLEHEM___GS2 323561	41.92 1.30 0.00	37.72 1.10 0.00	36.26 1.09 0.00	35.37 1.03 0.00	35.16 0.99 0.00	35.79 1.08 0.00	39.33 1.18 0.00	42.07 1.27 0.00	41.77 1.37 0.00	42.50 1.36 0.00	45.78 1.55 0.00	47.31 1.64 0.00	47.36 1.64 0.00	46.19 1.60 0.00	44.44 1.50 0.00	45.80 1.51 0.00	53.15 1.70 0.00	56.68 1.71 0.00	53.81 1.62 0.00	50.90 1.62 0.00	46.95 1.50 0.00	45.99 1.55 0.00	43.82 1.48 0.00	44.86 1.52 0.00
BETHLEHEM___GS3 323562	41.92 1.30 0.00	37.72 1.10 0.00	36.26 1.09 0.00	35.37 1.03 0.00	35.16 0.99 0.00	35.79 1.08 0.00	39.33 1.18 0.00	42.07 1.27 0.00	41.77 1.37 0.00	42.50 1.36 0.00	45.78 1.55 0.00	47.31 1.64 0.00	47.36 1.64 0.00	46.19 1.60 0.00	44.44 1.50 0.00	45.80 1.51 0.00	53.15 1.70 0.00	56.68 1.71 0.00	53.81 1.62 0.00	50.90 1.62 0.00	46.95 1.50 0.00	45.99 1.55 0.00	43.82 1.48 0.00	44.86 1.52 0.00
BETHLEHEM___STEEL 23779	37.17 -3.45 0.00	33.84 -2.78 0.00	32.32 -2.85 0.00	31.73 -2.61 0.00	31.64 -2.53 0.00	31.97 -2.74 0.00	35.13 -3.01 0.00	37.54 -3.26 0.00	36.92 -3.47 0.00	37.65 -3.50 0.00	40.16 -4.07 0.00	41.42 -4.25 0.00	41.14 -4.57 0.00	40.17 -4.41 0.00	38.86 -4.08 0.00	40.00 -4.30 0.00	46.21 -5.25 0.00	50.03 -4.95 0.00	47.34 -4.85 0.00	44.49 -4.78 0.00	41.00 -4.45 0.00	40.08 -4.35 0.00	38.15 -4.19 0.00	39.44 -3.90 0.00
BETHLHEM_115KV_TB1 79974	41.92 1.30 0.00	37.72 1.10 0.00	36.26 1.09 0.00	35.37 1.03 0.00	35.16 0.99 0.00	35.79 1.08 0.00	39.33 1.18 0.00	42.07 1.26 0.00	41.77 1.37 0.00	42.50 1.36 0.00	45.78 1.55 0.00	47.32 1.64 0.00	47.36 1.65 0.00	46.19 1.61 0.00	44.44 1.50 0.00	45.80 1.51 0.00	53.15 1.70 0.00	56.68 1.70 0.00	53.86 1.67 0.00	50.90 1.63 0.00	46.95 1.50 0.00	45.95 1.51 0.00	43.82 1.48 0.00	44.86 1.52 0.00
BETHPAGE_CC_5 323564	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.57 2.23 0.00	36.45 2.29 0.00	37.24 2.53 0.00	41.24 3.09 -0.01	44.24 3.43 -0.01	44.25 3.84 -0.01	44.89 3.74 0.00	48.09 3.85 -0.01	49.65 3.97 -0.01	54.42 3.93 -4.78	61.34 3.79 -12.97	68.36 3.52 -21.90	69.79 3.76 -21.73	77.92 4.73 -21.73	75.24 5.05 -15.22	72.41 4.64 -15.57	70.23 4.24 -16.72	68.24 3.82 -18.97	62.54 3.73 -14.37	48.55 3.64 -2.56	46.95 3.60 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.17 -3.45 0.00	33.84 -2.78 0.00	32.35 -2.81 0.00	31.73 -2.61 0.00	31.64 -2.53 0.00	31.97 -2.74 0.00	35.13 -3.01 0.00	37.58 -3.22 0.00	36.96 -3.43 0.00	37.69 -3.46 0.00	40.21 -4.03 0.00	41.47 -4.20 0.00	41.19 -4.53 0.00	40.22 -4.37 0.00	38.91 -4.04 0.00	40.04 -4.25 0.00	46.26 -5.20 0.00	50.08 -4.89 0.00	47.39 -4.80 0.00	44.54 -4.73 0.00	41.05 -4.41 0.00	40.13 -4.31 0.00	38.15 -4.19 0.00	39.44 -3.90 0.00
BINGHAMTON___COGEN 23790	40.13 -0.49 0.00	36.30 -0.33 0.00	34.74 -0.42 0.00	34.00 -0.34 0.00	33.82 -0.34 0.00	34.33 -0.38 0.00	37.84 -0.31 0.00	40.48 -0.33 0.00	40.04 -0.36 0.00	40.77 -0.37 0.00	43.70 -0.53 0.00	45.17 -0.50 0.00	45.12 -0.59 0.00	44.01 -0.58 0.00	42.47 -0.47 0.00	43.80 -0.49 0.00	50.89 -0.57 0.00	54.59 -0.38 0.00	51.78 -0.42 0.00	48.78 -0.49 0.00	45.00 -0.45 0.00	43.91 -0.53 0.00	41.70 -0.64 0.00	42.74 -0.61 0.00

BIXINCNT_115KV_LOAD 355685	35.83 -4.79 0.00	32.63 -3.99 0.00	31.19 -3.97 0.00	30.63 -3.71 0.00	30.65 -3.52 0.00	30.82 -3.89 0.00	33.95 -4.20 0.00	36.35 -4.45 0.00	35.75 -4.65 0.00	36.53 -4.61 0.00	39.01 -5.22 0.00	40.01 -5.66 0.00	39.73 -5.99 0.00	38.79 -5.80 0.00	37.53 -5.41 0.00	38.71 -5.58 0.00	44.82 -6.64 0.00	48.49 -6.49 0.00	45.88 -6.32 0.00	42.97 -6.31 0.00	39.59 -5.86 0.00	38.66 -5.78 0.00	36.88 -5.46 0.00	37.97 -5.37 0.00
BLACK RIVER___HYD 24047	40.66 0.04 0.00	36.74 0.11 0.00	35.17 0.00 0.00	34.31 -0.03 0.00	34.13 -0.03 0.00	34.54 -0.17 0.00	37.84 -0.31 0.00	40.47 -0.33 0.00	40.00 -0.40 0.00	40.77 -0.37 0.00	44.01 -0.22 0.00	45.22 -0.46 0.00	45.17 -0.55 0.00	44.05 -0.53 0.00	42.51 -0.43 0.00	43.98 -0.31 0.00	51.15 -0.31 0.00	54.92 -0.05 0.00	52.09 -0.10 0.00	49.32 0.05 0.00	45.64 0.18 0.00	44.62 0.18 0.00	42.25 -0.08 0.00	43.13 -0.22 0.00
BLACKRVR_115KV_TB2 79977	40.66 0.04 0.00	36.74 0.11 0.00	35.17 0.00 0.00	34.31 -0.03 0.00	34.13 -0.03 0.00	34.54 -0.17 0.00	37.84 -0.31 0.00	40.48 -0.33 0.00	40.00 -0.40 0.00	40.77 -0.37 0.00	44.01 -0.22 0.00	45.22 -0.46 0.00	45.17 -0.55 0.00	44.05 -0.54 0.00	42.51 -0.43 0.00	43.98 -0.31 0.00	51.15 -0.31 0.00	54.92 -0.05 0.00	52.09 -0.10 0.00	49.32 0.05 0.00	45.68 0.23 0.00	44.62 0.18 0.00	42.25 -0.08 0.00	43.13 -0.22 0.00
BLDWN_LI_69_KV_BK4 356085	43.79 3.17 0.00	39.08 2.45 0.00	37.63 2.46 0.00	36.64 2.30 0.00	36.42 2.25 0.00	37.21 2.50 0.00	41.21 3.05 -0.01	44.20 3.39 -0.01	44.17 3.76 -0.01	44.80 3.66 0.00	48.05 3.80 -0.01	49.61 3.93 -0.01	55.07 3.89 -5.47	63.18 3.75 -14.85	71.50 3.48 -25.08	72.86 3.68 -24.89	80.98 4.63 -24.89	77.35 4.95 -17.43	74.57 4.54 -17.83	72.66 4.24 -19.14	70.95 3.77 -21.73	64.58 3.69 -16.46	48.83 3.56 -2.94	46.91 3.55 -0.01
BLISS_WT_PWR 323608	35.42 -5.20 0.00	32.23 -4.40 0.00	30.87 -4.29 0.00	30.29 -4.05 0.00	30.27 -3.90 0.00	30.44 -4.27 0.00	33.53 -4.62 0.00	35.94 -4.86 0.00	35.31 -5.09 0.00	36.08 -5.06 0.00	38.79 -5.44 0.00	39.55 -6.12 0.00	39.22 -6.49 0.00	38.34 -6.24 0.00	37.10 -5.84 0.00	38.27 -6.02 0.00	44.30 -7.15 0.00	47.88 -7.09 0.00	45.36 -6.84 0.00	42.47 -6.80 0.00	39.14 -6.32 0.00	38.17 -6.26 0.00	36.46 -5.88 0.00	37.58 -5.76 0.00
BLUESTONE___WT_PWR 323821	41.35 0.73 0.00	37.36 0.73 0.00	35.73 0.56 0.00	34.92 0.58 0.00	34.74 0.58 0.00	35.23 0.52 0.00	38.87 0.72 0.00	41.62 0.82 0.00	41.25 0.85 0.00	42.09 0.95 0.00	45.21 0.97 0.00	46.59 0.91 0.00	46.54 0.82 0.00	45.39 0.80 0.00	44.40 1.46 0.00	45.84 1.55 0.00	53.46 2.00 0.00	57.34 2.36 0.00	54.18 1.98 0.00	51.19 1.92 0.00	47.23 1.77 0.00	45.46 1.02 0.00	43.01 0.68 0.00	43.95 0.61 0.00
BLUE_CIRC_CHEM_DRP 24182	42.17 1.54 0.00	37.98 1.36 0.00	36.50 1.34 0.00	35.61 1.27 0.00	35.39 1.23 0.00	36.00 1.28 0.00	39.52 1.37 0.00	42.27 1.47 0.00	41.85 1.45 0.00	42.54 1.40 0.00	45.78 1.55 0.00	47.32 1.64 0.00	47.36 1.65 0.00	46.19 1.61 0.00	44.49 1.55 0.00	45.93 1.64 0.00	53.41 1.96 0.00	56.95 1.98 0.00	54.12 1.93 0.00	51.15 1.87 0.00	47.14 1.68 0.00	46.17 1.73 0.00	44.08 1.74 0.00	45.12 1.78 0.00
BOC_GAS_DRP 24189	41.80 1.18 0.00	37.62 0.99 0.00	36.15 0.98 0.00	35.27 0.93 0.00	35.09 0.92 0.00	35.68 0.97 0.00	39.21 1.07 0.00	41.98 1.18 0.00	41.69 1.29 0.00	42.42 1.28 0.00	45.65 1.42 0.00	47.18 1.51 0.00	47.22 1.51 0.00	46.06 1.47 0.00	44.32 1.37 0.00	45.67 1.37 0.00	53.05 1.60 0.00	56.62 1.65 0.00	53.76 1.57 0.00	50.75 1.48 0.00	46.82 1.36 0.00	45.82 1.38 0.00	43.69 1.35 0.00	44.73 1.39 0.00
BOONVILLE_115KV_TB1 79983	41.15 0.53 0.00	37.14 0.51 0.00	35.59 0.42 0.00	34.75 0.41 0.00	34.57 0.41 0.00	35.06 0.35 0.00	38.49 0.34 0.00	41.17 0.37 0.00	40.80 0.40 0.00	41.60 0.45 0.00	44.85 0.62 0.00	46.22 0.55 0.00	46.17 0.46 0.00	45.08 0.49 0.00	43.46 0.52 0.00	44.82 0.53 0.00	52.07 0.62 0.00	55.74 0.77 0.00	52.82 0.63 0.00	49.91 0.64 0.00	46.14 0.68 0.00	45.11 0.67 0.00	42.85 0.51 0.00	43.78 0.43 0.00
BORALEX_4TH_BRANCH 23824	43.22 2.60 0.00	38.90 2.27 0.00	37.35 2.18 0.00	36.47 2.13 0.00	36.28 2.12 0.00	36.93 2.22 0.00	40.62 2.48 0.00	43.54 2.73 0.00	43.27 2.87 0.00	43.98 2.84 0.00	47.37 3.14 0.00	48.96 3.29 0.00	48.96 3.25 0.00	47.75 3.17 0.00	45.95 3.01 0.00	47.35 3.06 0.00	55.11 3.65 0.00	58.82 3.85 0.00	55.85 3.65 0.00	52.67 3.40 0.00	48.55 3.09 0.00	47.50 3.07 0.00	45.30 2.96 0.00	46.34 2.99 0.00
BOWLINE___1 23526	42.69 2.07 0.00	38.35 1.72 0.00	36.85 1.69 0.00	36.02 1.68 0.00	35.84 1.67 0.00	36.45 1.73 0.00	40.13 1.98 0.00	43.09 2.28 0.00	43.02 2.62 0.00	43.74 2.59 0.00	46.98 2.74 0.00	48.55 2.88 0.00	48.68 2.97 0.00	47.44 2.86 0.00	45.61 2.66 0.00	47.04 2.75 0.00	54.85 3.40 0.00	58.49 3.52 0.00	55.48 3.29 0.00	52.28 3.06 0.00	48.27 2.82 0.00	47.10 2.67 0.00	44.92 2.58 0.00	45.81 2.47 0.00
BOWLINE___2 23595	42.69 2.07 0.00	38.35 1.72 0.00	36.85 1.69 0.00	36.02 1.68 0.00	35.84 1.67 0.00	36.45 1.73 0.00	40.13 1.98 0.00	43.09 2.28 0.00	43.02 2.62 0.00	43.74 2.59 0.00	46.98 2.74 0.00	48.55 2.88 0.00	48.64 2.93 0.00	47.44 2.86 0.00	45.61 2.66 0.00	47.04 2.75 0.00	54.85 3.40 0.00	58.49 3.52 0.00	55.48 3.29 0.00	52.28 3.01 0.00	48.23 2.77 0.00	47.06 2.62 0.00	44.88 2.54 0.00	45.81 2.47 0.00
BRADY___115KV_TB2 356060	40.91 0.28 0.00	36.99 0.37 0.00	35.52 0.35 0.00	34.72 0.38 0.00	34.54 0.38 0.00	34.96 0.24 0.00	38.22 0.08 0.00	40.84 0.04 0.00	40.32 -0.08 0.00	41.18 0.04 0.00	44.37 0.13 0.00	45.67 0.00 0.00	45.71 0.00 0.00	44.63 0.04 0.00	43.03 0.09 0.00	44.38 0.09 0.00	51.56 0.10 0.00	54.92 -0.05 0.00	52.24 0.05 0.00	49.57 0.30 0.00	45.82 0.36 0.00	44.79 0.36 0.00	42.68 0.34 0.00	43.78 0.43 0.00
BRANSCOMB___SOLAR 323811	43.10 2.48 0.00	38.79 2.16 0.00	37.31 2.15 0.00	36.37 2.03 0.00	36.15 1.98 0.00	36.83 2.12 0.00	40.47 2.33 0.00	43.33 2.53 0.00	42.87 2.46 0.00	43.49 2.34 0.00	46.75 2.52 0.00	48.37 2.69 0.00	48.32 2.60 0.00	47.13 2.54 0.00	45.47 2.53 0.00	46.90 2.61 0.00	54.70 3.24 0.00	58.38 3.41 0.00	55.54 3.34 0.00	52.38 3.11 0.00	48.37 2.91 0.00	47.29 2.85 0.00	45.09 2.75 0.00	46.12 2.78 0.00
BRDGHMPT_69_KV_BK1 55812	44.03 3.41 0.00	39.23 2.60 0.00	37.77 2.60 0.00	36.74 2.40 0.00	36.52 2.36 0.00	37.35 2.64 0.00	41.24 3.09 -0.01	44.16 3.35 -0.01	44.13 3.72 -0.01	44.85 3.70 0.00	48.31 4.07 -0.01	49.70 4.02 -0.01	53.92 4.16 -4.04	59.58 4.01 -10.98	65.47 3.99 -18.54	67.07 4.38 -18.40	75.31 5.45 -18.40	73.63 5.77 -12.88	70.70 5.32 -13.18	68.35 4.93 -14.15	65.79 4.27 -16.06	60.65 4.04 -12.16	48.36 3.85 -2.17	47.47 4.12 -0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	44.20 3.57 0.00	39.41 2.78 0.00	37.98 2.81 0.00	36.95 2.61 0.00	36.73 2.56 0.00	37.59 2.88 0.00	41.70 3.55 -0.01	44.73 3.92 -0.01	44.65 4.24 -0.01	45.26 4.11 0.00	48.62 4.38 -0.01	50.11 4.43 -0.01	54.34 4.48 -4.14	60.16 4.32 -11.25	66.15 4.21 -19.00	67.66 4.52 -18.85	76.02 5.71 -18.86	74.28 6.10 -13.20	71.23 5.53 -13.51	68.90 5.12 -14.50	66.46 4.55 -16.46	61.21 4.31 -12.47	48.71 4.15 -2.23	47.52 4.16 -0.01
BRISTLHL_115KV_TB1 79998	39.65 -0.97 0.00	35.78 -0.84 0.00	34.29 -0.88 0.00	33.48 -0.86 0.00	33.31 -0.85 0.00	33.84 -0.87 0.00	37.27 -0.88 0.00	39.82 -0.98 0.00	39.31 -1.09 0.00	40.03 -1.11 0.00	42.95 -1.28 0.00	44.44 -1.23 0.00	44.43 -1.28 0.00	43.29 -1.29 0.00	41.74 -1.20 0.00	43.10 -1.20 0.00	49.96 -1.49 0.00	53.60 -1.37 0.00	50.84 -1.36 0.00	47.99 -1.28 0.00	44.23 -1.23 0.00	43.19 -1.24 0.00	41.03 -1.31 0.00	42.00 -1.34 0.00
BROOKHAVEN___DRP 24191	43.91 3.29 0.00	39.15 2.53 0.00	37.70 2.53 0.00	36.67 2.34 0.00	36.49 2.32 0.00	37.32 2.60 0.00	41.36 3.20 -0.01	44.28 3.47 -0.01	44.29 3.88 -0.01	44.89 3.74 0.00	48.22 3.98 -0.01	49.61 3.93 -0.01	53.78 4.02 -4.04	59.44 3.88 -10.97	65.29 3.82 -18.53	66.84 4.16 -18.39	75.09 5.25 -18.39	73.45 5.61 -12.87	70.53 5.17 -13.17	68.20 4.78 -14.14	65.69 4.18 -16.05	60.55 3.96 -12.16	48.32 3.81 -2.17	47.21 3.86 -0.01
BROOKLYN_NAVY_YARD 23515	43.06 2.44 0.00	38.64 2.01 0.00	37.13 1.97 0.00	36.26 1.92 0.00	36.08 1.91 0.00	36.72 2.01 0.00	40.43 2.29 0.00	43.45 2.65 0.00	43.52 3.11 -0.01	44.28 3.13 -0.01	47.51 3.27 -0.01	49.15 3.47 -0.01	49.24 3.52 -0.01	47.98 3.39 -0.01	46.18 3.22 -0.02	47.58 3.28 -0.01	55.48 4.02 -0.01	59.21 4.23 -0.01	56.11 3.92 0.00	52.87 3.60 0.00	48.77 3.32 0.00	47.59 3.16 0.00	45.40 3.05 -0.01	46.25 2.90 0.00
BROOKLYN___ARMY_DRP 323595	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
BROOME_2_LFGE 323671	40.14 -0.49 0.00	36.30 -0.33 0.00	34.78 -0.39 0.00	34.00 -0.34 0.00	33.82 -0.34 0.00	34.33 -0.38 0.00	37.84 -0.31 0.00	40.47 -0.33 0.00	40.04 -0.36 0.00	40.77 -0.37 0.00	43.75 -0.49 0.00	45.17 -0.50 0.00	45.12 -0.60 0.00	44.01 -0.58 0.00	42.47 -0.47 0.00	43.81 -0.49 0.00	50.89 -0.56 0.00	54.59 -0.38 0.00	51.77 -0.42 0.00	48.78 -0.49 0.00	45.00 -0.45 0.00	43.91 -0.53 0.00	41.71 -0.63 0.00	42.74 -0.61 0.00
BROOME___LFGE 323600	40.14 -0.49 0.00	36.30 -0.33 0.00	34.78 -0.39 0.00	34.00 -0.34 0.00	33.82 -0.34 0.00	34.33 -0.38 0.00	37.84 -0.31 0.00	40.47 -0.33 0.00	40.04 -0.36 0.00	40.77 -0.37 0.00	43.75 -0.49 0.00	45.17 -0.50 0.00	45.12 -0.60 0.00	44.01 -0.58 0.00	42.47 -0.47 0.00	43.81 -0.49 0.00	50.89 -0.56 0.00	54.59 -0.38 0.00	51.77 -0.42 0.00	48.78 -0.49 0.00	45.00 -0.45 0.00	43.91 -0.53 0.00	41.71 -0.63 0.00	42.74 -0.61 0.00
BROWNFLS_115KV_TB 3_5 80003	40.34 -0.28 0.00	36.44 -0.18 0.00	34.99 -0.18 0.00	34.13 -0.21 0.00	33.99 -0.17 0.00	34.37 -0.35 0.00	37.34 -0.80 0.00	39.90 -0.90 0.00	39.47 -0.93 0.00	40.40 -0.74 0.00	43.79 -0.44 0.00	45.08 -0.59 0.00	45.07 -0.64 0.00	44.01 -0.58 0.00	42.43 -0.52 0.00	43.67 -0.62 0.00	50.37 -1.08 0.00	53.71 -1.26 0.00	50.99 -1.20 0.00	48.34 -0.94 0.00	44.77 -0.68 0.00	43.99 -0.44 0.00	41.87 -0.47 0.00	42.87 -0.48 0.00
BROWNSV1_27_KV_LOAD 356125	43.47 2.84 0.00	39.01 2.38 0.00	37.49 2.32 0.00	36.61 2.27 0.00	36.42 2.25 0.00	37.07 2.36 0.00	40.78 2.63 0.00	43.86 3.06 0.00	43.87 3.47 0.00	44.64 3.50 0.00	48.04 3.80 0.00	49.65 3.97 0.00	49.69 3.98 0.00	48.42 3.83 0.00	46.61 3.65 -0.02	48.01 3.72 0.00	55.98 4.53 0.00	59.81 4.84 0.00	56.68 4.49 0.00	53.41 4.14 0.00	49.23 3.77 0.00	48.04 3.60 0.00	45.81 3.47 0.00	46.73 3.38 0.00
BURROWS___LYONSDAL 23803	40.95 0.32 0.00	36.96 0.33 0.00	35.41 0.25 0.00	34.58 0.24 0.00	34.40 0.24 0.00	34.89 0.17 0.00	38.22 0.08 0.00	40.88 0.08 0.00	40.52 0.12 0.00	41.35 0.21 0.00	44.59 0.35 0.00	45.90 0.23 0.00	45.90 0.18 0.00	44.77 0.18 0.00	43.20 0.26 0.00	44.56 0.27 0.00	51.71 0.26 0.00	55.36 0.38 0.00	52.45 0.26 0.00	49.62 0.34 0.00	45.91 0.45 0.00	44.88 0.44 0.00	42.59 0.25 0.00	43.52 0.17 0.00
CAITHNESS_CC_1 323624	43.67 3.05 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.50 2.16 0.00	36.42 2.25 0.00	37.24 2.53 0.00	41.28 3.13 -0.01	44.20 3.38 -0.01	44.21 3.80 -0.01	44.80 3.66 0.00	48.05 3.80 -0.01	49.52 3.84 -0.01	53.68 3.93 -4.04	59.34 3.79 -10.96	65.15 3.69 -18.52	66.70 4.03 -18.38	74.93 5.10 -18.38	73.34 5.50 -12.87	70.37 5.01 -13.17	68.04 4.63 -14.13	65.63 4.14 -16.04	60.45 3.86 -12.15	48.19 3.68 -2.17	47.04 3.68 -0.01
CALPINE BETH_PAGE_GT4 24209	43.79 3.17 0.00	39.08 2.45 0.00	37.63 2.46 0.00	36.64 2.30 0.00	36.42 2.25 0.00	37.25 2.53 0.00	41.21 3.05 -0.01	44.24 3.43 -0.01	44.21 3.80 -0.01	44.85 3.70 0.00	48.09 3.85 -0.01	49.66 3.97 -0.01	54.70 3.89 -5.10	62.14 3.70 -13.85	69.69 3.35 -23.39	71.10 3.59 -23.22	79.20 4.53 -23.22	76.01 4.78 -16.26	73.21 4.38 -16.64	71.17 4.04 -17.86	69.31 3.59 -20.27	63.43 3.64 -15.35	48.72 3.64 -2.74	46.95 3.60 -0.01
CALPINE_BETH_PAGE_GT_4 323586	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.57 2.23 0.00	36.42 2.25 0.00	37.24 2.53 0.00	41.21 3.05 -0.01	44.24 3.43 -0.01	44.21 3.80 -0.01	44.85 3.70 0.00	48.05 3.80 -0.01	49.66 3.97 -0.01	54.70 3.88 -5.10	62.14 3.70 -13.85	69.69 3.35 -23.39	71.09 3.59 -23.22	79.20 4.53 -23.22	76.07 4.84 -16.26	73.21 4.38 -16.64	71.17 4.04 -17.86	69.36 3.64 -20.27	63.43 3.64 -15.35	48.72 3.64 -2.74	46.91 3.56 -0.01
CALPINE_BP_GT1 23823	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.57 2.23 0.00	36.42 2.25 0.00	37.24 2.53 0.00	41.21 3.05 -0.01	44.24 3.43 -0.01	44.21 3.80 -0.01	44.85 3.70 0.00	48.05 3.80 -0.01	49.66 3.97 -0.01	54.70 3.88 -5.10	62.14 3.70 -13.85	69.69 3.35 -23.39	71.09 3.59 -23.22	79.20 4.53 -23.22	76.07 4.84 -16.26	73.21 4.38 -16.64	71.17 4.04 -17.86	69.36 3.64 -20.27	63.43 3.64 -15.35	48.72 3.64 -2.74	46.91 3.56 -0.01
CALSPAN___DRP 24200	37.17 -3.45 0.00	33.84 -2.78 0.00	32.32 -2.85 0.00	31.73 -2.61 0.00	31.64 -2.53 0.00	31.97 -2.74 0.00	35.13 -3.01 0.00	37.54 -3.26 0.00	36.92 -3.47 0.00	37.65 -3.50 0.00	40.16 -4.07 0.00	41.42 -4.25 0.00	41.14 -4.57 0.00	40.17 -4.41 0.00	38.86 -4.08 0.00	40.00 -4.30 0.00	46.21 -5.25 0.00	50.03 -4.95 0.00	47.34 -4.85 0.00	44.49 -4.78 0.00	41.00 -4.45 0.00	40.08 -4.35 0.00	38.15 -4.19 0.00	39.44 -3.90 0.00

CALVERTON___SOLAR 323806	43.87 3.25 0.00	39.19 2.56 0.00	37.59 2.42 0.00	36.64 2.30 0.00	36.52 2.36 0.00	37.39 2.67 0.00	41.39 3.24 -0.01	44.32 3.51 -0.01	44.33 3.92 -0.01	44.93 3.78 0.00	48.18 3.94 -0.01	49.65 3.97 -0.01	53.82 4.07 -4.04	59.53 3.97 -10.97	65.38 3.91 -18.53	66.93 4.25 -18.39	75.20 5.35 -18.39	73.62 5.77 -12.88	70.70 5.33 -13.18	68.35 4.93 -14.15	65.87 4.36 -16.05	60.64 4.04 -12.16	48.40 3.89 -2.17	47.26 3.90 -0.01
CANDIGU_WT_PWR 323617	37.74 -2.88 0.00	34.25 -2.38 0.00	32.77 -2.39 0.00	32.07 -2.27 0.00	31.94 -2.22 0.00	32.39 -2.33 0.00	35.70 -2.44 0.00	38.23 -2.57 0.00	37.65 -2.75 0.00	38.30 -2.84 0.00	40.96 -3.27 0.00	42.20 -3.47 0.00	42.05 -3.66 0.00	41.02 -3.57 0.00	39.68 -3.27 0.00	40.97 -3.32 0.00	47.59 -3.86 0.00	51.40 -3.57 0.00	48.75 -3.45 0.00	45.82 -3.45 0.00	42.27 -3.18 0.00	41.24 -3.20 0.00	39.12 -3.22 0.00	40.27 -3.08 0.00
CARR STREET_E__SYR 24060	39.97 -0.65 0.00	36.08 -0.55 0.00	34.57 -0.60 0.00	33.79 -0.55 0.00	33.62 -0.55 0.00	34.16 -0.56 0.00	37.57 -0.57 0.00	40.19 -0.61 0.00	39.67 -0.73 0.00	40.44 -0.70 0.00	43.44 -0.79 0.00	44.90 -0.78 0.00	44.89 -0.82 0.00	43.74 -0.85 0.00	42.21 -0.73 0.00	43.54 -0.75 0.00	50.48 -0.98 0.00	54.09 -0.88 0.00	51.36 -0.84 0.00	48.39 -0.89 0.00	44.64 -0.82 0.00	43.59 -0.85 0.00	41.41 -0.93 0.00	42.39 -0.95 0.00
CARTHAGE___PAPER 23857	40.58 -0.04 0.00	36.66 0.04 0.00	35.10 -0.07 0.00	34.24 -0.10 0.00	34.10 -0.07 0.00	34.51 -0.21 0.00	37.73 -0.42 0.00	40.35 -0.45 0.00	39.87 -0.53 0.00	40.65 -0.49 0.00	43.93 -0.31 0.00	45.17 -0.50 0.00	45.12 -0.60 0.00	44.01 -0.58 0.00	42.47 -0.47 0.00	43.89 -0.40 0.00	50.94 -0.51 0.00	54.65 -0.33 0.00	51.83 -0.36 0.00	49.13 -0.15 0.00	45.50 0.05 0.00	44.53 0.09 0.00	42.21 -0.13 0.00	43.09 -0.26 0.00
CASSADAGA_WT_PWR 323784	35.46 -5.16 0.00	32.23 -4.40 0.00	30.77 -4.40 0.00	30.18 -4.16 0.00	30.10 -4.07 0.00	30.30 -4.41 0.00	33.45 -4.69 0.00	35.82 -4.98 0.00	35.23 -5.17 0.00	35.92 -5.23 0.00	38.35 -5.88 0.00	39.37 -6.30 0.00	39.08 -6.63 0.00	38.12 -6.47 0.00	36.93 -6.01 0.00	38.09 -6.20 0.00	44.10 -7.36 0.00	49.64 -5.33 0.00	47.08 -5.11 0.00	42.62 -6.65 0.00	39.27 -6.18 0.00	38.26 -6.18 0.00	36.33 -6.01 0.00	37.62 -5.72 0.00
CE_DUNWOOD___DRP 24194	42.94 2.32 0.00	38.57 1.94 0.00	37.07 1.90 0.00	36.19 1.85 0.00	36.01 1.84 0.00	36.66 1.94 0.00	40.36 2.21 0.00	43.33 2.53 0.00	43.31 2.91 0.00	44.02 2.88 0.00	47.37 3.14 0.00	48.96 3.29 0.00	49.05 3.34 0.00	47.80 3.21 0.00	45.95 3.01 0.00	47.39 3.10 0.00	55.26 3.81 0.00	58.93 3.96 0.00	55.90 3.71 0.00	52.67 3.40 0.00	48.55 3.09 0.00	47.42 2.98 0.00	45.22 2.88 0.00	46.16 2.82 0.00
CE_MILLWOOD___DRP 24193	42.86 2.23 0.00	38.49 1.87 0.00	37.03 1.86 0.00	36.16 1.82 0.00	35.98 1.81 0.00	36.59 1.87 0.00	40.28 2.14 0.00	43.25 2.45 0.00	43.19 2.79 0.00	43.90 2.76 0.00	47.24 3.01 0.00	48.82 3.15 0.00	48.91 3.20 0.00	47.66 3.08 0.00	45.82 2.88 0.00	47.26 2.97 0.00	55.11 3.65 0.00	58.77 3.79 0.00	55.74 3.55 0.00	52.52 3.25 0.00	48.41 2.95 0.00	47.33 2.89 0.00	45.09 2.75 0.00	46.08 2.73 0.00
CE_NYC2_DRP 24202	43.47 2.84 -0.01	39.01 2.38 -0.01	37.50 2.32 -0.01	36.61 2.27 -0.01	36.43 2.25 -0.01	37.04 2.33 0.00	40.70 2.56 0.00	43.66 2.86 0.00	43.67 3.27 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.20 3.61 0.00	46.35 3.39 -0.02	47.79 3.50 0.00	55.78 4.32 0.00	59.48 4.51 0.00	56.42 4.23 0.00	53.17 3.89 0.00	48.95 3.50 0.00	47.82 3.38 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
CE_NYC_DRP 24195	43.22 2.60 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.86 2.15 0.00	40.55 2.40 0.00	43.62 2.82 0.00	43.63 3.23 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.42 3.70 0.00	48.15 3.57 0.00	46.35 3.39 -0.02	47.75 3.45 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.32 4.12 0.00	53.07 3.79 0.00	48.86 3.41 0.00	47.73 3.29 0.00	45.51 3.18 0.00	46.42 3.08 0.00
CHAFFEE___LFGE 323603	37.25 -3.37 0.00	33.88 -2.75 0.00	32.42 -2.74 0.00	31.80 -2.54 0.00	31.67 -2.49 0.00	32.00 -2.71 0.00	35.21 -2.94 0.00	37.62 -3.18 0.00	37.01 -3.39 0.00	37.77 -3.37 0.00	40.43 -3.80 0.00	41.52 -4.16 0.00	41.24 -4.48 0.00	40.31 -4.28 0.00	38.99 -3.95 0.00	40.08 -4.21 0.00	46.31 -5.14 0.00	50.13 -4.84 0.00	47.44 -4.75 0.00	44.59 -4.68 0.00	41.14 -4.32 0.00	40.17 -4.27 0.00	38.23 -4.11 0.00	39.57 -3.77 0.00
CHATEAUG_35_KV_LOAD 355732	39.69 -0.93 0.00	35.93 -0.70 0.00	34.57 -0.60 0.00	33.82 -0.52 0.00	33.65 -0.51 0.00	34.05 -0.66 0.00	37.30 -0.84 0.00	39.82 -0.98 0.00	39.31 -1.09 0.00	40.03 -1.11 0.00	43.08 -1.15 0.00	44.35 -1.32 0.00	44.43 -1.28 0.00	43.38 -1.20 0.00	41.83 -1.12 0.00	43.23 -1.06 0.00	50.27 -1.18 0.00	53.60 -1.37 0.00	51.04 -1.15 0.00	48.44 -0.84 0.00	44.77 -0.68 0.00	43.77 -0.67 0.00	41.79 -0.55 0.00	42.87 -0.48 0.00
CHATEAUG_WT_PWR 323614	39.69 -0.93 0.00	35.93 -0.70 0.00	34.57 -0.60 0.00	33.83 -0.51 0.00	33.65 -0.51 0.00	34.05 -0.66 0.00	37.30 -0.84 0.00	39.82 -0.98 0.00	39.31 -1.09 0.00	40.12 -1.03 0.00	43.13 -1.10 0.00	44.44 -1.23 0.00	44.52 -1.19 0.00	43.47 -1.11 0.00	41.91 -1.03 0.00	43.28 -1.02 0.00	50.27 -1.18 0.00	53.60 -1.37 0.00	51.04 -1.15 0.00	48.34 -0.94 0.00	44.68 -0.77 0.00	43.73 -0.71 0.00	41.79 -0.55 0.00	42.87 -0.48 0.00
CHAT_HIGH_FALL_HYD 323578	39.69 -0.93 0.00	35.93 -0.70 0.00	34.57 -0.60 0.00	33.82 -0.52 0.00	33.65 -0.51 0.00	34.05 -0.66 0.00	37.30 -0.84 0.00	39.82 -0.98 0.00	39.31 -1.09 0.00	40.03 -1.11 0.00	43.08 -1.15 0.00	44.35 -1.32 0.00	44.43 -1.28 0.00	43.38 -1.20 0.00	41.83 -1.12 0.00	43.23 -1.06 0.00	50.27 -1.18 0.00	53.60 -1.37 0.00	51.04 -1.15 0.00	48.44 -0.84 0.00	44.77 -0.68 0.00	43.77 -0.67 0.00	41.79 -0.55 0.00	42.87 -0.48 0.00
CHAUTAUQUA___LFGE 323629	36.64 -3.98 0.00	33.33 -3.30 0.00	31.86 -3.31 0.00	31.25 -3.09 0.00	31.12 -3.04 0.00	31.45 -3.26 0.00	34.63 -3.51 0.00	37.05 -3.75 0.00	36.40 -4.00 0.00	37.11 -4.03 0.00	39.68 -4.56 0.00	40.74 -4.93 0.00	40.46 -5.26 0.00	39.50 -5.08 0.00	38.22 -4.72 0.00	39.37 -4.92 0.00	45.54 -5.92 0.00	49.97 -5.00 0.00	47.34 -4.85 0.00	43.95 -5.32 0.00	40.54 -4.91 0.00	39.50 -4.93 0.00	37.55 -4.78 0.00	38.88 -4.46 0.00
CHERRYST_13_KV_LD 356241	43.30 2.68 0.00	38.86 2.23 0.00	37.35 2.18 0.00	36.47 2.13 0.00	36.28 2.12 0.00	36.93 2.22 0.00	40.66 2.52 0.00	43.70 2.90 0.00	43.75 3.35 0.00	44.52 3.37 0.00	47.90 3.67 0.00	49.51 3.84 0.00	49.55 3.84 0.00	48.29 3.70 0.00	46.48 3.52 -0.02	47.88 3.59 0.00	55.83 4.37 0.00	59.59 4.62 0.00	56.47 4.28 0.00	53.17 3.89 0.00	49.00 3.55 0.00	47.82 3.38 0.00	45.60 3.26 0.00	46.55 3.21 0.00

CHESTROR_138KV_BK263 355645	42.53 1.91 0.00	38.24 1.61 0.00	36.71 1.55 0.00	35.88 1.55 0.00	35.70 1.54 0.00	36.31 1.60 0.00	39.94 1.79 0.00	42.84 2.04 0.00	42.74 2.34 0.00	43.45 2.30 0.00	46.67 2.43 0.00	48.18 2.51 0.00	48.32 2.61 0.00	47.08 2.50 0.00	45.30 2.36 0.00	46.73 2.44 0.00	54.49 3.04 0.00	58.11 3.13 0.00	55.12 2.92 0.00	51.98 2.71 0.00	47.91 2.45 0.00	46.84 2.40 0.00	44.67 2.33 0.00	45.64 2.30 0.00
CH_MIDHUDSON___DRP 24192	42.86 2.23 0.00	38.49 1.87 0.00	36.99 1.83 0.00	36.13 1.79 0.00	35.94 1.78 0.00	36.55 1.84 0.00	40.20 2.06 0.00	43.13 2.33 0.00	43.07 2.67 0.00	43.74 2.59 0.00	47.02 2.79 0.00	48.55 2.88 0.00	48.69 2.97 0.00	47.49 2.90 0.00	45.60 2.66 0.00	47.08 2.79 0.00	54.85 3.40 0.00	58.44 3.46 0.00	55.48 3.29 0.00	52.33 3.05 0.00	48.27 2.82 0.00	47.19 2.76 0.00	45.01 2.67 0.00	45.99 2.64 0.00
CH_MISC_IPPS 23765	43.02 2.40 0.00	38.64 2.01 0.00	37.13 1.97 0.00	36.26 1.92 0.00	36.08 1.91 0.00	36.69 1.98 0.00	40.36 2.21 0.00	43.25 2.45 0.00	43.23 2.83 0.00	43.90 2.76 0.00	47.11 2.87 0.00	48.64 2.97 0.00	48.82 3.11 0.00	47.62 3.03 0.00	45.73 2.79 0.00	47.26 2.97 0.00	55.06 3.60 0.00	58.66 3.68 0.00	55.64 3.44 0.00	52.52 3.25 0.00	48.45 3.00 0.00	47.37 2.93 0.00	45.22 2.88 0.00	46.16 2.82 0.00
CH_RES_BVR_FALLS 23983	40.54 -0.08 0.00	36.55 -0.07 0.00	35.10 -0.07 0.00	34.27 -0.07 0.00	34.10 -0.07 0.00	34.64 -0.07 0.00	38.07 -0.08 0.00	40.68 -0.12 0.00	40.28 -0.12 0.00	41.02 -0.12 0.00	44.10 -0.13 0.00	45.54 -0.14 0.00	45.58 -0.14 0.00	44.45 -0.13 0.00	42.86 -0.09 0.00	44.20 -0.09 0.00	51.30 -0.15 0.00	54.81 -0.16 0.00	52.04 -0.16 0.00	49.17 -0.10 0.00	45.36 -0.09 0.00	44.35 -0.09 0.00	42.25 -0.08 0.00	43.26 -0.09 0.00
CH_RES_NIAGARA 23895	36.28 -4.35 0.00	33.04 -3.59 0.00	31.58 -3.59 0.00	30.97 -3.37 0.00	30.88 -3.28 0.00	31.28 -3.44 0.00	34.31 -3.81 0.02	36.58 -4.20 0.02	35.94 -4.44 0.02	36.70 -4.44 0.00	39.15 -5.09 0.00	40.33 -5.34 0.00	40.09 -5.62 0.00	39.17 -5.40 0.02	37.92 -5.02 0.00	38.89 -5.40 0.00	44.87 -6.59 0.00	48.54 -6.43 0.00	45.88 -6.32 0.00	43.16 -6.11 0.00	39.86 -5.59 0.00	39.02 -5.42 0.00	37.17 -5.17 0.00	38.45 -4.90 0.00
CH_RES_SYRACUSE 23985	40.26 -0.37 0.00	36.30 -0.33 0.00	34.78 -0.39 0.00	34.00 -0.34 0.00	33.79 -0.38 0.00	34.33 -0.38 0.00	37.80 -0.34 0.00	40.39 -0.41 0.00	39.92 -0.48 0.00	40.69 -0.45 0.00	43.66 -0.58 0.00	45.17 -0.50 0.00	45.17 -0.55 0.00	44.01 -0.47 0.00	42.47 -0.47 0.00	43.85 -0.44 0.00	50.78 -0.67 0.00	54.48 -0.50 0.00	51.67 -0.52 0.00	48.73 -0.54 0.00	44.91 -0.54 0.00	43.91 -0.53 0.00	41.66 -0.68 0.00	42.65 -0.70 0.00
CLINTON_WT_PWR 323605	39.69 -0.93 0.00	35.93 -0.70 0.00	34.57 -0.60 0.00	33.83 -0.51 0.00	33.65 -0.51 0.00	34.05 -0.66 0.00	37.30 -0.84 0.00	39.82 -0.98 0.00	39.31 -1.09 0.00	40.12 -1.03 0.00	43.13 -1.10 0.00	44.44 -1.23 0.00	44.52 -1.19 0.00	43.47 -1.11 0.00	41.91 -1.03 0.00	43.28 -1.02 0.00	50.27 -1.18 0.00	53.60 -1.37 0.00	51.04 -1.15 0.00	48.34 -0.94 0.00	44.68 -0.77 0.00	43.73 -0.71 0.00	41.79 -0.55 0.00	42.87 -0.48 0.00
CLINTON___LFGE 323618	40.09 -0.53 0.00	36.33 -0.29 0.00	34.96 -0.21 0.00	34.20 -0.14 0.00	34.03 -0.14 0.00	34.47 -0.24 0.00	37.76 -0.38 0.00	40.31 -0.49 0.00	39.75 -0.65 0.00	40.57 -0.58 0.00	43.66 -0.58 0.00	44.94 -0.73 0.00	45.03 -0.68 0.00	44.01 -0.58 0.00	42.38 -0.56 0.00	43.85 -0.44 0.00	50.94 -0.51 0.00	54.26 -0.72 0.00	51.72 -0.47 0.00	49.08 -0.20 0.00	45.36 -0.09 0.00	44.35 -0.09 0.00	42.34 0.00 0.00	43.39 0.04 0.00
COBBLENY_34_KV_TB1 80064	37.21 -3.41 0.00	33.88 -2.75 0.00	32.39 -2.78 0.00	31.76 -2.58 0.00	31.67 -2.49 0.00	32.00 -2.71 0.00	35.21 -2.94 0.00	37.62 -3.18 0.00	37.01 -3.39 0.00	37.77 -3.37 0.00	40.25 -3.98 0.00	41.52 -4.16 0.00	41.23 -4.48 0.00	40.26 -4.32 0.00	38.95 -3.99 0.00	40.08 -4.21 0.00	46.31 -5.15 0.00	50.14 -4.84 0.00	47.44 -4.75 0.00	44.59 -4.68 0.00	41.09 -4.36 0.00	40.17 -4.27 0.00	38.23 -4.11 0.00	39.49 -3.86 0.00
COFFEEN___115KV_TB3 355620	40.87 0.24 0.00	36.92 0.29 0.00	35.31 0.14 0.00	34.44 0.10 0.00	34.27 0.10 0.00	34.68 -0.03 0.00	38.03 -0.11 0.00	40.64 -0.16 0.00	40.20 -0.20 0.00	40.94 -0.21 0.00	44.14 -0.09 0.00	45.35 -0.32 0.00	45.26 -0.46 0.00	44.19 -0.40 0.00	42.60 -0.34 0.00	44.11 -0.18 0.00	51.35 -0.10 0.00	55.25 0.27 0.00	52.35 0.16 0.00	49.62 0.34 0.00	45.91 0.45 0.00	44.88 0.44 0.00	42.42 0.08 0.00	43.30 -0.04 0.00
COLDSPRG_115KV_BK1 355956	36.88 -3.74 0.00	33.59 -3.04 0.00	32.04 -3.13 0.00	31.49 -2.85 0.00	31.40 -2.77 0.00	31.66 -3.05 0.00	34.94 -3.20 0.00	37.41 -3.39 0.00	36.80 -3.60 0.00	37.52 -3.62 0.00	39.85 -4.38 0.00	41.15 -4.52 0.00	40.82 -4.89 0.00	39.82 -4.77 0.00	38.52 -4.42 0.00	39.73 -4.56 0.00	46.05 -5.40 0.00	50.63 -4.34 0.00	47.97 -4.23 0.00	44.44 -4.83 0.00	40.86 -4.59 0.00	39.86 -4.58 0.00	37.89 -4.45 0.00	39.18 -4.16 0.00
COLONIE_LFGE___ 323577	42.57 1.95 0.00	38.31 1.69 0.00	36.82 1.65 0.00	35.92 1.58 0.00	35.70 1.54 0.00	36.34 1.63 0.00	39.97 1.83 0.00	42.80 2.00 0.00	42.46 2.06 0.00	43.16 2.02 0.00	46.44 2.21 0.00	48.05 2.37 0.00	48.04 2.33 0.00	46.86 2.27 0.00	45.13 2.19 0.00	46.51 2.21 0.00	54.13 2.67 0.00	57.77 2.80 0.00	54.85 2.66 0.00	51.78 2.51 0.00	47.73 2.27 0.00	46.70 2.27 0.00	44.54 2.20 0.00	45.60 2.25 0.00
COOPERNY_115KV_TB1 80082	42.04 1.42 0.00	37.83 1.21 0.00	36.33 1.16 0.00	35.47 1.13 0.00	35.29 1.13 0.00	35.89 1.18 0.00	39.48 1.34 0.00	42.35 1.55 0.00	42.14 1.74 0.00	42.87 1.73 0.00	46.09 1.86 0.00	47.59 1.92 0.00	47.68 1.97 0.00	46.46 1.87 0.00	44.70 1.76 0.00	46.11 1.82 0.00	53.72 2.26 0.00	57.34 2.36 0.00	54.38 2.19 0.00	51.29 2.02 0.00	47.32 1.86 0.00	46.22 1.78 0.00	44.03 1.69 0.00	45.04 1.69 0.00
COPENHAGEN_WT_PWR 323753	40.58 -0.04 0.00	36.66 0.04 0.00	35.06 -0.11 0.00	34.24 -0.10 0.00	34.06 -0.10 0.00	34.47 -0.24 0.00	37.76 -0.38 0.00	40.39 -0.41 0.00	39.92 -0.48 0.00	40.69 -0.45 0.00	43.93 -0.31 0.00	45.17 -0.50 0.00	45.07 -0.64 0.00	43.96 -0.62 0.00	42.43 -0.51 0.00	43.89 -0.40 0.00	51.04 -0.41 0.00	54.75 -0.22 0.00	51.93 -0.26 0.00	49.17 -0.10 0.00	45.50 0.05 0.00	44.48 0.04 0.00	42.13 -0.21 0.00	43.00 -0.35 0.00
CORNELL_____ 23752	40.87 0.24 0.00	36.88 0.26 0.00	35.27 0.11 0.00	34.48 0.14 0.00	34.34 0.17 0.00	34.82 0.10 0.00	38.41 0.27 0.00	41.13 0.33 0.00	40.60 0.20 0.00	41.35 0.21 0.00	44.28 0.04 0.00	45.76 0.09 0.00	45.71 0.00 0.00	44.59 0.00 0.00	43.03 0.09 0.00	44.51 0.22 0.00	51.76 0.31 0.00	55.63 0.66 0.00	52.87 0.68 0.00	49.86 0.59 0.00	45.95 0.50 0.00	44.79 0.36 0.00	42.42 0.08 0.00	43.39 0.04 0.00

CORONA V_69_KV_TB1 355595	43.79 3.17 0.00	39.08 2.45 0.00	37.63 2.46 0.00	36.64 2.30 0.00	36.45 2.29 0.00	37.21 2.50 0.00	41.17 3.01 -0.02	44.20 3.39 -0.02	44.17 3.76 -0.02	44.80 3.66 0.00	48.01 3.76 -0.02	49.57 3.88 -0.02	57.20 3.89 -7.60	68.98 3.75 -20.65	81.33 3.52 -34.87	82.61 3.72 -34.60	90.69 4.63 -34.61	84.09 4.89 -24.23	81.53 4.54 -24.79	80.08 4.19 -26.62	79.43 3.77 -30.20	70.96 3.64 -22.88	49.94 3.51 -4.08	46.87 3.51 -0.02
CORTLAND_115KV_TB3 80093	40.62 0.00 0.00	36.66 0.04 0.00	35.13 -0.04 0.00	34.34 0.00 0.00	34.16 0.00 0.00	34.68 -0.03 0.00	38.22 0.08 0.00	40.88 0.08 0.00	40.40 0.00 0.00	41.18 0.04 0.00	44.14 -0.09 0.00	45.63 -0.05 0.00	45.62 -0.09 0.00	44.45 -0.13 0.00	42.90 -0.04 0.00	44.29 0.00 0.00	51.45 0.00 0.00	55.19 0.22 0.00	52.40 0.21 0.00	49.42 0.15 0.00	45.55 0.09 0.00	44.48 0.04 0.00	42.17 -0.17 0.00	43.17 -0.17 0.00
COXSACKIE__GT 23611	43.34 2.72 0.00	38.94 2.31 0.00	37.42 2.25 0.00	36.54 2.20 0.00	36.32 2.15 0.00	36.90 2.19 0.00	40.55 2.40 0.00	43.25 2.45 0.00	42.82 2.42 0.00	43.24 2.10 0.00	46.31 2.08 0.00	47.64 1.96 0.00	47.77 2.06 0.00	46.73 2.14 0.00	44.96 2.02 0.00	46.68 2.39 0.00	54.44 2.98 0.00	58.05 3.08 0.00	55.27 3.08 0.00	52.38 3.11 0.00	48.32 2.87 0.00	47.50 3.06 0.00	45.35 3.01 0.00	46.38 3.03 0.00
CPV_VALLEY__CC1 323721	42.33 1.71 0.00	38.09 1.47 0.00	36.57 1.41 0.00	35.75 1.41 0.00	35.57 1.40 0.00	36.17 1.46 0.00	39.78 1.64 0.00	42.68 1.88 0.00	42.58 2.18 0.00	43.28 2.14 0.00	46.49 2.25 0.00	48.05 2.37 0.00	48.13 2.42 0.00	46.90 2.32 0.00	45.13 2.19 0.00	46.55 2.26 0.00	54.23 2.78 0.00	57.88 2.91 0.00	54.91 2.71 0.00	51.78 2.51 0.00	47.77 2.32 0.00	46.62 2.18 0.00	44.46 2.12 0.00	45.43 2.08 0.00
CPV_VALLEY__CC2 323722	42.33 1.71 0.00	38.09 1.47 0.00	36.57 1.41 0.00	35.75 1.41 0.00	35.57 1.40 0.00	36.17 1.46 0.00	39.78 1.64 0.00	42.68 1.88 0.00	42.58 2.18 0.00	43.28 2.14 0.00	46.49 2.25 0.00	48.05 2.37 0.00	48.13 2.42 0.00	46.90 2.32 0.00	45.13 2.19 0.00	46.55 2.26 0.00	54.23 2.78 0.00	57.88 2.91 0.00	54.91 2.71 0.00	51.78 2.51 0.00	47.77 2.32 0.00	46.62 2.18 0.00	44.46 2.12 0.00	45.43 2.08 0.00
CRESCENT__HYD 24018	42.57 1.95 0.00	38.31 1.69 0.00	36.82 1.65 0.00	35.92 1.58 0.00	35.70 1.54 0.00	36.34 1.63 0.00	39.97 1.83 0.00	42.80 2.00 0.00	42.46 2.06 0.00	43.16 2.02 0.00	46.44 2.21 0.00	48.05 2.37 0.00	48.04 2.33 0.00	46.86 2.27 0.00	45.13 2.19 0.00	46.51 2.21 0.00	54.13 2.67 0.00	57.77 2.80 0.00	54.85 2.66 0.00	51.78 2.51 0.00	47.73 2.27 0.00	46.70 2.27 0.00	44.54 2.20 0.00	45.60 2.25 0.00
CRICKET__VALLEY_CC1 323756	42.61 1.99 0.00	38.28 1.65 0.00	36.78 1.62 0.00	35.92 1.58 0.00	35.74 1.57 0.00	36.34 1.63 0.00	40.01 1.87 0.00	42.92 2.12 0.00	42.78 2.38 0.00	43.49 2.34 0.00	46.80 2.56 0.00	48.37 2.69 0.00	48.46 2.74 0.00	47.26 2.68 0.00	45.43 2.49 0.00	46.82 2.52 0.00	54.54 3.09 0.00	58.10 3.13 0.00	55.17 2.97 0.00	52.03 2.76 0.00	48.00 2.54 0.00	46.88 2.44 0.00	44.75 2.41 0.00	45.68 2.34 0.00
CRICKET__VALLEY_CC2 323757	42.61 1.99 0.00	38.28 1.65 0.00	36.78 1.62 0.00	35.92 1.58 0.00	35.74 1.57 0.00	36.34 1.63 0.00	40.01 1.87 0.00	42.92 2.12 0.00	42.78 2.38 0.00	43.49 2.34 0.00	46.80 2.56 0.00	48.37 2.69 0.00	48.46 2.74 0.00	47.26 2.68 0.00	45.43 2.49 0.00	46.82 2.52 0.00	54.54 3.09 0.00	58.10 3.13 0.00	55.17 2.97 0.00	52.03 2.76 0.00	48.00 2.54 0.00	46.88 2.44 0.00	44.75 2.41 0.00	45.68 2.34 0.00
CRICKET__VALLEY_CC3 323758	42.61 1.99 0.00	38.28 1.65 0.00	36.78 1.62 0.00	35.92 1.58 0.00	35.74 1.57 0.00	36.34 1.63 0.00	40.01 1.87 0.00	42.92 2.12 0.00	42.78 2.38 0.00	43.49 2.34 0.00	46.80 2.56 0.00	48.37 2.69 0.00	48.46 2.74 0.00	47.26 2.68 0.00	45.43 2.49 0.00	46.82 2.52 0.00	54.54 3.09 0.00	58.10 3.13 0.00	55.17 2.97 0.00	52.03 2.76 0.00	48.00 2.54 0.00	46.88 2.44 0.00	44.75 2.41 0.00	45.68 2.34 0.00
CRUCIBLE_METL_DRP 24180	40.22 -0.41 0.00	36.30 -0.33 0.00	34.78 -0.39 0.00	34.00 -0.34 0.00	33.79 -0.38 0.00	34.33 -0.38 0.00	37.80 -0.34 0.00	40.39 -0.41 0.00	39.92 -0.48 0.00	40.69 -0.45 0.00	43.66 -0.58 0.00	45.17 -0.50 0.00	45.17 -0.55 0.00	44.01 -0.58 0.00	42.47 -0.47 0.00	43.85 -0.44 0.00	50.84 -0.62 0.00	54.48 -0.49 0.00	51.67 -0.52 0.00	48.73 -0.54 0.00	44.95 -0.50 0.00	43.91 -0.53 0.00	41.66 -0.68 0.00	42.65 -0.69 0.00
DAHOWA__HYDRO 323763	43.34 2.72 0.00	39.01 2.38 0.00	37.52 2.36 0.00	36.54 2.20 0.00	36.32 2.15 0.00	37.00 2.29 0.00	40.70 2.56 0.00	43.58 2.78 0.00	43.07 2.67 0.00	43.69 2.55 0.00	46.98 2.74 0.00	48.60 2.93 0.00	48.55 2.84 0.00	47.35 2.77 0.00	45.69 2.75 0.00	47.08 2.79 0.00	54.96 3.50 0.00	58.71 3.74 0.00	55.85 3.65 0.00	52.62 3.35 0.00	48.59 3.13 0.00	47.55 3.11 0.00	45.30 2.96 0.00	46.38 3.03 0.00
DANC__LFGE 323619	40.22 -0.41 0.00	36.33 -0.29 0.00	34.78 -0.39 0.00	33.96 -0.38 0.00	33.79 -0.38 0.00	34.23 -0.49 0.00	37.53 -0.61 0.00	40.11 -0.69 0.00	39.63 -0.77 0.00	40.40 -0.74 0.00	43.52 -0.71 0.00	44.85 -0.82 0.00	44.84 -0.87 0.00	43.70 -0.89 0.00	42.17 -0.77 0.00	43.58 -0.71 0.00	50.58 -0.88 0.00	54.26 -0.72 0.00	51.46 -0.73 0.00	48.68 -0.59 0.00	44.96 -0.50 0.00	43.95 -0.49 0.00	41.71 -0.63 0.00	42.65 -0.70 0.00
DANSKAMMER__1 23586	43.02 2.40 0.00	38.64 2.01 0.00	37.13 1.97 0.00	36.26 1.92 0.00	36.08 1.91 0.00	36.69 1.98 0.00	40.36 2.21 0.00	43.25 2.45 0.00	43.23 2.83 0.00	43.90 2.76 0.00	47.11 2.87 0.00	48.64 2.97 0.00	48.82 3.11 0.00	47.62 3.03 0.00	45.73 2.79 0.00	47.26 2.97 0.00	55.06 3.60 0.00	58.66 3.68 0.00	55.64 3.44 0.00	52.52 3.25 0.00	48.45 3.00 0.00	47.37 2.93 0.00	45.22 2.88 0.00	46.16 2.82 0.00
DANSKAMMER__2 23589	43.02 2.40 0.00	38.64 2.01 0.00	37.13 1.97 0.00	36.26 1.92 0.00	36.08 1.91 0.00	36.69 1.98 0.00	40.36 2.21 0.00	43.25 2.45 0.00	43.23 2.83 0.00	43.90 2.76 0.00	47.11 2.87 0.00	48.64 2.97 0.00	48.82 3.11 0.00	47.62 3.03 0.00	45.73 2.79 0.00	47.26 2.97 0.00	55.06 3.60 0.00	58.66 3.68 0.00	55.64 3.44 0.00	52.52 3.25 0.00	48.45 3.00 0.00	47.37 2.93 0.00	45.22 2.88 0.00	46.16 2.82 0.00
DANSKAMMER__3 23590	43.02 2.40 0.00	38.64 2.01 0.00	37.13 1.97 0.00	36.26 1.92 0.00	36.08 1.91 0.00	36.69 1.98 0.00	40.36 2.21 0.00	43.25 2.45 0.00	43.23 2.83 0.00	43.90 2.76 0.00	47.11 2.87 0.00	48.64 2.97 0.00	48.82 3.11 0.00	47.62 3.03 0.00	45.73 2.79 0.00	47.26 2.97 0.00	55.06 3.60 0.00	58.66 3.68 0.00	55.64 3.44 0.00	52.52 3.25 0.00	48.45 3.00 0.00	47.37 2.93 0.00	45.22 2.88 0.00	46.16 2.82 0.00

DANSKAMMER___4 23591	43.02 2.40 0.00	38.64 2.01 0.00	37.13 1.97 0.00	36.26 1.92 0.00	36.08 1.91 0.00	36.69 1.98 0.00	40.36 2.21 0.00	43.25 2.45 0.00	43.23 2.83 0.00	43.90 2.76 0.00	47.11 2.87 0.00	48.64 2.97 0.00	48.82 3.11 0.00	47.62 3.03 0.00	45.73 2.79 0.00	47.26 2.97 0.00	55.06 3.60 0.00	58.66 3.68 0.00	55.64 3.44 0.00	52.52 3.25 0.00	48.45 3.00 0.00	47.37 2.93 0.00	45.22 2.88 0.00	46.16 2.82 0.00
DANSKAMMER___DIESEL 23592	43.02 2.40 0.00	38.64 2.01 0.00	37.14 1.97 0.00	36.30 1.96 0.00	36.08 1.91 0.00	36.69 1.98 0.00	40.36 2.21 0.00	43.25 2.45 0.00	43.23 2.83 0.00	43.90 2.76 0.00	47.15 2.92 0.00	48.64 2.97 0.00	48.82 3.11 0.00	47.62 3.03 0.00	45.73 2.79 0.00	47.26 2.97 0.00	55.06 3.60 0.00	58.66 3.68 0.00	55.64 3.44 0.00	52.52 3.25 0.00	48.41 2.95 0.00	47.37 2.93 0.00	45.22 2.88 0.00	46.16 2.82 0.00
DARBY___SOLAR 323810	43.14 2.52 0.00	38.82 2.20 0.00	37.35 2.18 0.00	36.37 2.03 0.00	36.15 1.98 0.00	36.83 2.12 0.00	40.51 2.37 0.00	43.37 2.57 0.00	42.87 2.46 0.00	43.49 2.34 0.00	46.80 2.56 0.00	48.37 2.69 0.00	48.36 2.65 0.00	47.17 2.59 0.00	45.52 2.58 0.00	46.90 2.61 0.00	54.70 3.24 0.00	58.44 3.47 0.00	55.58 3.39 0.00	52.38 3.11 0.00	48.37 2.91 0.00	47.33 2.89 0.00	45.09 2.75 0.00	46.16 2.82 0.00
DASHVILLE___HYD 23610	42.65 2.03 0.00	38.31 1.68 0.00	36.82 1.65 0.00	35.95 1.61 0.00	35.77 1.61 0.00	36.34 1.63 0.00	39.97 1.83 0.00	42.80 2.00 0.00	42.74 2.34 0.00	43.41 2.26 0.00	46.62 2.39 0.00	48.09 2.42 0.00	48.23 2.51 0.00	47.04 2.45 0.00	45.17 2.23 0.00	46.68 2.39 0.00	54.44 2.98 0.00	58.00 3.02 0.00	55.01 2.82 0.00	51.93 2.66 0.00	47.86 2.41 0.00	46.88 2.44 0.00	44.75 2.41 0.00	45.77 2.43 0.00
DELAWARE___LFGE 323621	41.47 0.85 0.00	37.36 0.73 0.00	35.87 0.70 0.00	35.03 0.69 0.00	34.85 0.68 0.00	35.41 0.69 0.00	38.95 0.80 0.00	41.74 0.94 0.00	41.41 1.01 0.00	42.17 1.03 0.00	45.38 1.15 0.00	46.81 1.14 0.00	46.86 1.14 0.00	45.70 1.11 0.00	44.02 1.07 0.00	45.40 1.11 0.00	52.84 1.39 0.00	56.51 1.54 0.00	53.55 1.36 0.00	50.55 1.28 0.00	46.59 1.14 0.00	45.51 1.07 0.00	43.31 0.97 0.00	44.30 0.95 0.00
DERFIELD_115KV_TB7 355931	40.87 0.24 0.00	36.81 0.18 0.00	35.34 0.18 0.00	34.51 0.17 0.00	34.34 0.17 0.00	34.89 0.17 0.00	38.33 0.19 0.00	41.01 0.20 0.00	40.64 0.24 0.00	41.39 0.25 0.00	44.50 0.27 0.00	45.95 0.27 0.00	45.99 0.27 0.00	44.86 0.27 0.00	43.20 0.26 0.00	44.56 0.27 0.00	51.76 0.31 0.00	55.30 0.33 0.00	52.45 0.26 0.00	49.52 0.25 0.00	45.68 0.23 0.00	44.66 0.22 0.00	42.59 0.25 0.00	43.56 0.22 0.00
DOGLEVILLE___HYD 23807	43.22 2.60 0.00	39.01 2.38 0.00	37.42 2.25 0.00	36.54 2.20 0.00	36.35 2.19 0.00	36.93 2.22 0.00	40.47 2.33 0.00	43.25 2.45 0.00	42.82 2.42 0.00	43.61 2.47 0.00	46.93 2.70 0.00	48.41 2.74 0.00	48.41 2.70 0.00	47.22 2.63 0.00	45.48 2.53 0.00	46.91 2.61 0.00	54.54 3.09 0.00	58.27 3.30 0.00	55.32 3.13 0.00	52.23 2.96 0.00	48.14 2.68 0.00	47.10 2.67 0.00	44.96 2.63 0.00	46.03 2.69 0.00
DUNKIRK__115KV_TB_200 55889	36.72 -3.90 0.00	33.44 -3.19 0.00	31.93 -3.24 0.00	31.35 -2.99 0.00	31.26 -2.90 0.00	31.55 -3.16 0.00	34.75 -3.39 0.00	37.17 -3.63 0.00	36.56 -3.84 0.00	37.28 -3.87 0.00	39.63 -4.60 0.00	40.92 -4.75 0.00	40.64 -5.07 0.00	39.64 -4.95 0.00	38.35 -4.59 0.00	39.51 -4.78 0.00	45.74 -5.71 0.00	50.03 -4.95 0.00	47.44 -4.75 0.00	44.15 -5.12 0.00	40.64 -4.82 0.00	39.68 -4.75 0.00	37.72 -4.62 0.00	38.97 -4.38 0.00
DUNKIRK___1 23563	36.72 -3.90 0.00	33.44 -3.19 0.00	31.93 -3.24 0.00	31.35 -2.99 0.00	31.26 -2.90 0.00	31.55 -3.16 0.00	34.75 -3.39 0.00	37.17 -3.63 0.00	36.56 -3.84 0.00	37.28 -3.87 0.00	39.63 -4.60 0.00	40.92 -4.75 0.00	40.64 -5.07 0.00	39.64 -4.95 0.00	38.35 -4.59 0.00	39.51 -4.78 0.00	45.74 -5.71 0.00	50.03 -4.95 0.00	47.44 -4.75 0.00	44.15 -5.12 0.00	40.64 -4.82 0.00	39.68 -4.75 0.00	37.72 -4.62 0.00	38.97 -4.38 0.00
DUNKIRK___2 23564	36.72 -3.90 0.00	33.44 -3.19 0.00	31.93 -3.24 0.00	31.35 -2.99 0.00	31.26 -2.90 0.00	31.55 -3.16 0.00	34.75 -3.39 0.00	37.17 -3.63 0.00	36.56 -3.84 0.00	37.28 -3.87 0.00	39.63 -4.60 0.00	40.92 -4.75 0.00	40.64 -5.07 0.00	39.64 -4.95 0.00	38.35 -4.59 0.00	39.51 -4.78 0.00	45.74 -5.71 0.00	50.03 -4.95 0.00	47.44 -4.75 0.00	44.15 -5.12 0.00	40.64 -4.82 0.00	39.68 -4.75 0.00	37.72 -4.62 0.00	38.97 -4.38 0.00
DUNKIRK___3 23565	36.88 -3.74 0.00	33.59 -3.04 0.00	32.07 -3.09 0.00	31.49 -2.85 0.00	31.40 -2.77 0.00	31.73 -2.99 0.00	34.90 -3.24 0.00	37.33 -3.47 0.00	36.72 -3.68 0.00	37.44 -3.70 0.00	39.85 -4.38 0.00	41.11 -4.57 0.00	40.82 -4.89 0.00	39.86 -4.73 0.00	38.56 -4.38 0.00	39.69 -4.61 0.00	45.95 -5.51 0.00	50.08 -4.89 0.00	47.44 -4.75 0.00	44.30 -4.98 0.00	40.82 -4.64 0.00	39.86 -4.58 0.00	37.89 -4.45 0.00	39.14 -4.20 0.00
DUNKIRK___4 23566	36.88 -3.74 0.00	33.59 -3.04 0.00	32.07 -3.09 0.00	31.49 -2.85 0.00	31.40 -2.77 0.00	31.73 -2.99 0.00	34.90 -3.24 0.00	37.33 -3.47 0.00	36.72 -3.68 0.00	37.44 -3.70 0.00	39.85 -4.38 0.00	41.11 -4.57 0.00	40.82 -4.89 0.00	39.86 -4.73 0.00	38.56 -4.38 0.00	39.69 -4.61 0.00	45.95 -5.51 0.00	50.08 -4.89 0.00	47.44 -4.75 0.00	44.30 -4.98 0.00	40.82 -4.64 0.00	39.86 -4.58 0.00	37.89 -4.45 0.00	39.14 -4.20 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.02 2.40 0.00	38.64 2.01 0.00	37.14 1.97 0.00	36.26 1.92 0.00	36.08 1.91 0.00	36.73 2.01 0.00	40.43 2.29 0.00	43.41 2.61 0.00	43.43 3.03 0.00	44.15 3.00 0.00	47.51 3.27 0.00	49.10 3.43 0.00	49.19 3.47 0.00	47.93 3.34 0.00	46.08 3.13 0.00	47.53 3.23 0.00	55.42 3.96 0.00	59.10 4.12 0.00	56.06 3.86 0.00	52.82 3.55 0.00	48.68 3.23 0.00	47.55 3.11 0.00	45.35 3.01 0.00	46.25 2.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.77 2.15 0.00	38.42 1.79 0.00	36.92 1.76 0.00	36.09 1.75 0.00	35.87 1.71 0.00	36.48 1.77 0.00	40.13 1.98 0.00	43.05 2.24 0.00	42.99 2.59 0.00	43.65 2.51 0.00	46.89 2.65 0.00	48.41 2.74 0.00	48.55 2.83 0.00	47.35 2.76 0.00	45.52 2.58 0.00	46.99 2.70 0.00	54.75 3.29 0.00	58.38 3.41 0.00	55.38 3.18 0.00	52.23 2.96 0.00	48.18 2.73 0.00	47.10 2.67 0.00	44.92 2.58 0.00	45.90 2.56 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.68 3.05 -0.01	39.20 2.56 -0.01	37.71 2.53 -0.01	36.82 2.47 -0.01	36.60 2.43 -0.01	37.21 2.50 0.00	40.78 2.63 0.00	43.62 2.82 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.19 3.52 0.00	49.28 3.57 0.00	48.02 3.43 0.00	46.18 3.22 -0.02	47.61 3.32 0.00	55.57 4.12 0.00	59.26 4.29 0.00	56.16 3.97 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.73 3.29 0.00	45.68 3.34 0.00	46.82 3.47 -0.01

E179THST_13_KV_LOAD 356214	43.84 3.21 -0.01	39.34 2.71 -0.01	37.81 2.64 -0.01	36.92 2.58 -0.01	36.73 2.56 -0.01	37.35 2.64 0.00	40.93 2.78 0.00	43.78 2.98 0.00	43.63 3.23 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.20 3.61 0.00	46.35 3.39 -0.02	47.79 3.50 0.00	55.78 4.32 0.00	59.48 4.51 0.00	56.42 4.23 0.00	53.17 3.89 0.00	49.00 3.55 0.00	47.90 3.47 0.00	45.90 3.56 0.00	46.99 3.64 -0.01
EAST HAMPTON___GT 23717	43.51 2.88 0.00	38.82 2.20 0.00	37.28 2.11 0.00	36.30 1.96 0.00	36.18 2.02 0.00	37.00 2.29 0.00	40.63 2.48 -0.01	43.50 2.69 -0.01	43.52 3.11 -0.01	44.27 3.13 0.00	47.69 3.45 -0.01	49.15 3.47 -0.01	53.37 3.61 -0.01	59.04 3.48 -10.98	65.00 3.52 -18.54	66.59 3.90 -18.40	74.64 4.79 -18.40	72.91 5.05 -12.88	69.97 4.59 -13.18	67.71 4.28 -14.15	65.19 3.68 -16.06	59.98 3.38 -12.16	47.73 3.22 -2.17	47.04 3.68 -0.01
EAST RIVER___6 23660	43.10 2.48 0.00	38.64 2.01 0.00	37.13 1.97 0.00	36.26 1.92 0.00	36.11 1.95 0.00	36.72 2.01 0.00	40.43 2.29 0.00	43.49 2.69 0.00	43.56 3.15 -0.01	44.32 3.17 -0.01	47.65 3.41 -0.01	49.34 3.66 -0.01	49.42 3.70 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.21 4.02 0.00	52.97 3.70 0.00	48.87 3.41 0.00	47.64 3.20 0.00	45.44 3.09 -0.01	46.29 2.95 0.00
EAST RIVER___7 23524	43.10 2.48 0.00	38.64 2.01 0.00	37.13 1.97 0.00	36.26 1.92 0.00	36.11 1.95 0.00	36.72 2.01 0.00	40.43 2.29 0.00	43.49 2.69 0.00	43.56 3.15 -0.01	44.32 3.17 -0.01	47.65 3.41 -0.01	49.34 3.66 -0.01	49.42 3.70 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.21 4.02 0.00	52.97 3.70 0.00	48.87 3.41 0.00	47.64 3.20 0.00	45.44 3.09 -0.01	46.29 2.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.94 2.32 0.00	38.57 1.94 0.00	37.07 1.90 0.00	36.19 1.85 0.00	36.01 1.84 0.00	36.66 1.94 0.00	40.36 2.21 0.00	43.33 2.53 0.00	43.31 2.91 0.00	44.02 2.88 0.00	47.37 3.14 0.00	48.96 3.29 0.00	49.05 3.34 0.00	47.80 3.21 0.00	45.95 3.01 0.00	47.39 3.10 0.00	55.26 3.81 0.00	58.93 3.96 0.00	55.90 3.71 0.00	52.67 3.40 0.00	48.55 3.09 0.00	47.42 2.98 0.00	45.22 2.88 0.00	46.16 2.82 0.00
EAST_HAMPTON___DIESEL 23722	43.39 2.76 0.00	38.75 2.12 0.00	37.17 2.00 0.00	36.19 1.85 0.00	36.08 1.91 0.00	36.94 2.22 0.00	40.52 2.37 -0.01	43.38 2.57 -0.01	43.40 2.99 -0.01	44.14 3.00 0.00	47.56 3.32 -0.01	49.06 3.38 -0.01	53.23 3.47 -0.01	58.95 3.39 -10.98	64.87 3.39 -18.54	66.45 3.76 -18.40	74.49 4.63 -18.40	72.80 4.95 -12.88	69.81 4.43 -13.18	67.56 4.14 -14.15	65.06 3.55 -16.06	59.85 3.24 -12.16	47.64 3.13 -2.17	46.95 3.60 -0.01
EAST_POINT___SOLAR 323840	41.68 1.05 0.00	37.50 0.88 0.00	36.08 0.91 0.00	35.09 0.75 0.00	34.92 0.75 0.00	35.68 0.97 0.00	39.21 1.07 0.00	41.74 0.94 0.00	40.08 -0.32 0.00	40.48 -0.66 0.00	43.75 -0.49 0.00	45.22 -0.46 0.00	45.21 -0.50 0.00	44.32 -0.27 0.00	43.28 0.34 0.00	45.04 0.75 0.00	53.00 1.54 0.00	56.78 1.81 0.00	54.02 1.83 0.00	51.00 1.72 0.00	46.95 1.50 0.00	45.82 1.38 0.00	43.69 1.35 0.00	44.64 1.30 0.00
EAST_PULASKI___ESR 323781	39.97 -0.65 0.00	36.08 -0.55 0.00	34.57 -0.60 0.00	33.76 -0.58 0.00	33.58 -0.58 0.00	34.05 -0.66 0.00	37.42 -0.73 0.00	39.99 -0.82 0.00	39.47 -0.93 0.00	40.20 -0.94 0.00	43.26 -0.97 0.00	44.67 -1.01 0.00	44.66 -1.05 0.00	43.52 -1.07 0.00	42.00 -0.94 0.00	43.36 -0.93 0.00	50.32 -1.13 0.00	53.87 -1.10 0.00	51.15 -1.04 0.00	48.29 -0.99 0.00	44.55 -0.91 0.00	43.55 -0.89 0.00	41.37 -0.97 0.00	42.35 -1.00 0.00
EAST_RIVER___1 323558	43.18 2.56 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.87 2.15 0.00	40.55 2.40 0.00	43.61 2.81 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.69 3.45 -0.01	49.38 3.70 -0.01	49.42 3.70 -0.01	48.16 3.57 -0.01	46.35 3.39 -0.02	47.76 3.46 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.32 4.12 0.00	53.07 3.79 0.00	48.91 3.45 0.00	47.73 3.29 0.00	45.52 3.18 -0.01	46.42 3.08 0.00
EAST_RIVER___2 323559	43.10 2.48 0.00	38.64 2.01 0.00	37.13 1.97 0.00	36.26 1.92 0.00	36.11 1.95 0.00	36.72 2.01 0.00	40.43 2.29 0.00	43.49 2.69 0.00	43.56 3.15 -0.01	44.32 3.17 -0.01	47.65 3.41 -0.01	49.34 3.66 -0.01	49.42 3.70 -0.01	48.12 3.52 -0.01	46.31 3.35 -0.02	47.71 3.41 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.21 4.02 0.00	52.97 3.70 0.00	48.87 3.41 0.00	47.64 3.20 0.00	45.44 3.09 -0.01	46.29 2.95 0.00
EAST___DELAWARE_HYD 23607	42.98 2.36 0.00	38.64 2.01 0.00	37.10 1.93 0.00	36.26 1.92 0.00	36.08 1.91 0.00	36.62 1.91 0.00	40.32 2.17 0.00	43.17 2.37 0.00	43.11 2.71 0.00	43.78 2.64 0.00	46.93 2.70 0.00	48.41 2.74 0.00	48.55 2.84 0.00	47.35 2.77 0.00	45.52 2.58 0.00	47.08 2.79 0.00	54.90 3.45 0.00	58.49 3.52 0.00	55.48 3.29 0.00	52.43 3.16 0.00	48.37 2.91 0.00	47.33 2.89 0.00	45.13 2.79 0.00	46.08 2.73 0.00
EIGHT_POINT___WT_PWR 323820	36.80 -3.82 0.00	33.37 -3.26 0.00	31.90 -3.27 0.00	31.28 -3.06 0.00	31.12 -3.04 0.00	31.55 -3.16 0.00	34.90 -3.24 0.00	37.46 -3.34 0.00	36.84 -3.56 0.00	37.48 -3.66 0.00	39.99 -4.25 0.00	41.24 -4.43 0.00	41.05 -4.66 0.00	40.04 -4.55 0.00	38.74 -4.21 0.00	40.04 -4.25 0.00	46.57 -4.89 0.00	50.41 -4.56 0.00	47.86 -4.33 0.00	45.03 -4.24 0.00	41.55 -3.91 0.00	40.48 -3.96 0.00	38.32 -4.02 0.00	39.49 -3.86 0.00
ELBRIDGE_115KV_TB2 80188	39.97 -0.65 0.00	36.08 -0.55 0.00	34.57 -0.60 0.00	33.79 -0.55 0.00	33.62 -0.55 0.00	34.16 -0.56 0.00	37.57 -0.57 0.00	40.19 -0.61 0.00	39.63 -0.77 0.00	40.40 -0.74 0.00	43.35 -0.88 0.00	44.80 -0.87 0.00	44.80 -0.91 0.00	43.70 -0.89 0.00	42.13 -0.82 0.00	43.49 -0.80 0.00	50.43 -1.03 0.00	54.09 -0.88 0.00	51.36 -0.84 0.00	48.44 -0.84 0.00	44.64 -0.82 0.00	43.59 -0.84 0.00	41.41 -0.93 0.00	42.35 -1.00 0.00
ELEC_TRO_TEK 24086	43.51 2.88 0.00	38.86 2.23 0.00	37.42 2.25 0.00	36.47 2.13 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.94 2.78 -0.02	43.96 3.14 -0.02	43.93 3.51 -0.02	44.60 3.46 0.00	47.74 3.49 -0.02	49.30 3.61 -0.02	56.64 3.61 -7.32	67.93 3.48 -19.86	79.79 3.31 -33.55	81.04 3.45 -33.29	89.07 4.32 -33.30	82.90 4.62 -23.31	80.27 4.23 -23.85	78.77 3.89 -25.61	77.97 3.45 -29.06	69.78 3.33 -22.01	49.53 3.26 -3.93	46.57 3.21 -0.02
ELLENBURG_WT_PWR 323604	39.69 -0.93 0.00	35.93 -0.70 0.00	34.57 -0.60 0.00	33.83 -0.51 0.00	33.65 -0.51 0.00	34.05 -0.66 0.00	37.30 -0.84 0.00	39.82 -0.98 0.00	39.31 -1.09 0.00	40.12 -1.03 0.00	43.13 -1.10 0.00	44.44 -1.23 0.00	44.52 -1.19 0.00	43.47 -1.11 0.00	41.91 -1.03 0.00	43.28 -1.02 0.00	50.27 -1.18 0.00	53.60 -1.37 0.00	51.04 -1.15 0.00	48.34 -0.94 0.00	44.68 -0.77 0.00	43.73 -0.71 0.00	41.79 -0.55 0.00	42.87 -0.48 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.01 -3.62 0.00	33.70 -2.93 0.00	32.21 -2.95 0.00	31.59 -2.75 0.00	31.50 -2.66 0.00	31.83 -2.88 0.00	34.98 -3.17 0.00	37.37 -3.43 0.00	36.76 -3.64 0.00	37.48 -3.66 0.00	39.99 -4.25 0.00	41.24 -4.43 0.00	40.96 -4.75 0.00	40.04 -4.55 0.00	38.73 -4.21 0.00	39.82 -4.47 0.00	46.00 -5.45 0.00	49.81 -5.17 0.00	47.13 -5.06 0.00	44.25 -5.03 0.00	40.82 -4.64 0.00	39.91 -4.53 0.00	37.98 -4.36 0.00	39.27 -4.07 0.00
EMPIRE_CC_1 323656	42.17 1.54 0.00	37.94 1.32 0.00	36.47 1.30 0.00	35.57 1.23 0.00	35.39 1.23 0.00	36.00 1.29 0.00	39.56 1.41 0.00	42.23 1.43 0.00	41.97 1.57 0.00	42.67 1.52 0.00	46.09 1.86 0.00	47.68 2.01 0.00	47.72 2.01 0.00	46.55 1.96 0.00	44.75 1.80 0.00	46.15 1.86 0.00	53.46 2.00 0.00	56.95 1.98 0.00	54.13 1.93 0.00	51.10 1.82 0.00	47.14 1.68 0.00	46.30 1.87 0.00	44.16 1.82 0.00	45.17 1.82 0.00
EMPIRE_CC_2 323658	42.17 1.54 0.00	37.94 1.32 0.00	36.47 1.30 0.00	35.57 1.23 0.00	35.39 1.23 0.00	36.00 1.29 0.00	39.56 1.41 0.00	42.23 1.43 0.00	41.97 1.57 0.00	42.67 1.52 0.00	46.09 1.86 0.00	47.68 2.01 0.00	47.72 2.01 0.00	46.55 1.96 0.00	44.75 1.80 0.00	46.15 1.86 0.00	53.46 2.00 0.00	56.95 1.98 0.00	54.13 1.93 0.00	51.10 1.82 0.00	47.14 1.68 0.00	46.30 1.87 0.00	44.16 1.82 0.00	45.17 1.82 0.00
ENORWICH_115KV_TB1 80156	41.96 1.34 0.00	37.91 1.28 0.00	36.19 1.02 0.00	35.34 1.00 0.00	35.19 1.02 0.00	35.65 0.94 0.00	39.40 1.26 0.00	42.15 1.35 0.00	41.73 1.33 0.00	42.54 1.40 0.00	45.65 1.42 0.00	47.00 1.32 0.00	46.86 1.14 0.00	45.75 1.16 0.00	44.44 1.50 0.00	45.93 1.64 0.00	53.72 2.26 0.00	57.78 2.80 0.00	54.54 2.35 0.00	51.59 2.32 0.00	47.55 2.09 0.00	46.13 1.69 0.00	43.57 1.23 0.00	44.39 1.04 0.00
ERIE_ST__34_KV_TB1-2 80199	37.37 -3.25 0.00	34.03 -2.60 0.00	32.49 -2.67 0.00	31.90 -2.44 0.00	31.81 -2.36 0.00	32.14 -2.57 0.00	35.36 -2.78 0.00	37.78 -3.02 0.00	37.17 -3.23 0.00	37.93 -3.21 0.00	40.39 -3.85 0.00	41.70 -3.97 0.00	41.42 -4.30 0.00	40.44 -4.15 0.00	39.12 -3.82 0.00	40.26 -4.03 0.00	46.57 -4.89 0.00	50.36 -4.62 0.00	47.70 -4.49 0.00	44.84 -4.43 0.00	41.27 -4.18 0.00	40.35 -4.09 0.00	38.36 -3.98 0.00	39.66 -3.68 0.00
ERIE_WT_PWR 323693	37.17 -3.45 0.00	33.81 -2.82 0.00	32.35 -2.81 0.00	31.73 -2.61 0.00	31.60 -2.56 0.00	31.93 -2.78 0.00	35.09 -3.05 0.00	37.53 -3.27 0.00	36.88 -3.52 0.00	37.65 -3.50 0.00	40.34 -3.89 0.00	41.38 -4.29 0.00	41.10 -4.62 0.00	40.17 -4.41 0.00	38.86 -4.08 0.00	39.95 -4.34 0.00	46.16 -5.30 0.00	49.97 -5.00 0.00	47.34 -4.85 0.00	44.45 -4.83 0.00	41.00 -4.45 0.00	40.04 -4.40 0.00	38.11 -4.23 0.00	39.49 -3.86 0.00
ESPRGFLD_115KV_TB1 80157	40.58 -0.04 0.00	36.55 -0.07 0.00	35.06 -0.11 0.00	34.20 -0.14 0.00	34.06 -0.10 0.00	34.68 -0.03 0.00	38.11 -0.04 0.00	40.76 -0.04 0.00	40.08 -0.32 0.00	40.65 -0.49 0.00	43.75 -0.49 0.00	45.12 -0.55 0.00	45.12 -0.59 0.00	44.05 -0.54 0.00	42.68 -0.26 0.00	44.20 -0.09 0.00	51.76 0.31 0.00	55.41 0.44 0.00	52.61 0.42 0.00	49.62 0.34 0.00	45.73 0.27 0.00	44.57 0.13 0.00	42.42 0.08 0.00	43.39 0.04 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.78 0.16 0.00	36.85 0.22 0.00	35.24 0.07 0.00	34.44 0.10 0.00	34.27 0.10 0.00	34.78 0.07 0.00	38.37 0.23 0.00	41.09 0.29 0.00	40.56 0.16 0.00	41.31 0.16 0.00	44.23 0.00 0.00	45.72 0.05 0.00	45.67 -0.05 0.00	44.50 -0.09 0.00	42.98 0.04 0.00	44.42 0.13 0.00	51.66 0.21 0.00	55.52 0.55 0.00	52.71 0.52 0.00	49.77 0.49 0.00	45.86 0.41 0.00	44.71 0.27 0.00	42.38 0.04 0.00	43.35 0.00 0.00
ETNA____115KV_TB2 80207	40.78 0.16 0.00	36.85 0.22 0.00	35.24 0.07 0.00	34.44 0.10 0.00	34.27 0.10 0.00	34.78 0.07 0.00	38.37 0.23 0.00	41.09 0.29 0.00	40.56 0.16 0.00	41.31 0.16 0.00	44.23 0.00 0.00	45.72 0.05 0.00	45.67 -0.05 0.00	44.50 -0.09 0.00	42.98 0.04 0.00	44.42 0.13 0.00	51.66 0.21 0.00	55.52 0.55 0.00	52.71 0.52 0.00	49.77 0.49 0.00	45.86 0.41 0.00	44.71 0.27 0.00	42.38 0.04 0.00	43.35 0.00 0.00
EUCLID___115KV_TB2 356179	39.81 -0.81 0.00	35.93 -0.70 0.00	34.46 -0.70 0.00	33.65 -0.69 0.00	33.48 -0.68 0.00	34.02 -0.69 0.00	37.46 -0.69 0.00	40.03 -0.78 0.00	39.51 -0.89 0.00	40.24 -0.91 0.00	43.22 -1.02 0.00	44.67 -1.00 0.00	44.66 -1.05 0.00	43.56 -1.03 0.00	42.00 -0.94 0.00	43.32 -0.97 0.00	50.22 -1.23 0.00	53.82 -1.15 0.00	51.10 -1.10 0.00	48.19 -1.08 0.00	44.41 -1.05 0.00	43.42 -1.02 0.00	41.24 -1.10 0.00	42.22 -1.13 0.00
E_CANADA_CAP_HY 24051	40.58 -0.04 0.00	36.52 -0.11 0.00	35.10 -0.07 0.00	34.17 -0.17 0.00	33.99 -0.17 0.00	34.71 0.00 0.00	38.07 -0.08 0.00	40.64 -0.16 0.00	39.55 -0.85 0.00	39.91 -1.23 0.00	42.95 -1.28 0.00	44.35 -1.33 0.00	44.34 -1.37 0.00	43.39 -1.20 0.00	42.17 -0.77 0.00	43.81 -0.49 0.00	51.51 0.05 0.00	55.14 0.17 0.00	52.46 0.26 0.00	49.47 0.20 0.00	45.59 0.14 0.00	44.48 0.04 0.00	42.51 0.17 0.00	43.43 0.09 0.00
E_CANADA_MHWK_HY 24050	43.22 2.60 0.00	39.01 2.38 0.00	37.42 2.25 0.00	36.54 2.20 0.00	36.35 2.19 0.00	36.94 2.22 0.00	40.47 2.33 0.00	43.25 2.45 0.00	42.82 2.42 0.00	43.61 2.47 0.00	46.93 2.70 0.00	48.41 2.74 0.00	48.41 2.70 0.00	47.22 2.63 0.00	45.47 2.53 0.00	46.90 2.61 0.00	54.54 3.09 0.00	58.27 3.30 0.00	55.32 3.13 0.00	52.23 2.96 0.00	48.18 2.73 0.00	47.10 2.67 0.00	44.97 2.63 0.00	46.03 2.69 0.00
E_FISHKILL___LBMP 23776	42.69 2.07 0.00	38.38 1.76 0.00	36.89 1.72 0.00	36.02 1.68 0.00	35.84 1.67 0.00	36.45 1.74 0.00	40.13 1.98 0.00	43.05 2.24 0.00	42.95 2.55 0.00	43.69 2.55 0.00	46.98 2.74 0.00	48.55 2.88 0.00	48.64 2.93 0.00	47.40 2.81 0.00	45.56 2.62 0.00	46.99 2.70 0.00	54.80 3.34 0.00	58.44 3.46 0.00	55.43 3.24 0.00	52.23 2.96 0.00	48.14 2.68 0.00	47.06 2.62 0.00	44.88 2.54 0.00	45.86 2.51 0.00
FALCON___SEABRD_CC1 323796	40.01 -0.61 0.00	36.26 -0.37 0.00	34.92 -0.24 0.00	34.17 -0.17 0.00	33.99 -0.17 0.00	34.40 -0.31 0.00	37.69 -0.46 0.00	40.23 -0.57 0.00	39.71 -0.69 0.00	40.53 -0.62 0.00	43.57 -0.66 0.00	44.85 -0.82 0.00	44.98 -0.73 0.00	43.92 -0.67 0.00	42.34 -0.60 0.00	43.76 -0.53 0.00	50.84 -0.62 0.00	54.15 -0.82 0.00	51.57 -0.62 0.00	48.93 -0.34 0.00	45.23 -0.23 0.00	44.22 -0.22 0.00	42.25 -0.08 0.00	43.35 0.00 0.00
FALCON___SEABRD_CC2 323797	40.01 -0.61 0.00	36.26 -0.37 0.00	34.92 -0.24 0.00	34.17 -0.17 0.00	33.99 -0.17 0.00	34.40 -0.31 0.00	37.69 -0.46 0.00	40.23 -0.57 0.00	39.71 -0.69 0.00	40.53 -0.62 0.00	43.57 -0.66 0.00	44.85 -0.82 0.00	44.98 -0.73 0.00	43.92 -0.67 0.00	42.34 -0.60 0.00	43.76 -0.53 0.00	50.84 -0.62 0.00	54.15 -0.82 0.00	51.57 -0.62 0.00	48.93 -0.34 0.00	45.23 -0.23 0.00	44.22 -0.22 0.00	42.25 -0.08 0.00	43.35 0.00 0.00

FAR ROCKAWAY___4 23548	44.07 3.45 0.00	39.34 2.71 0.00	37.87 2.71 0.00	36.88 2.54 0.00	36.66 2.49 0.00	37.45 2.74 0.00	41.44 3.28 -0.02	44.49 3.67 -0.02	44.42 4.00 -0.02	45.13 3.99 0.00	48.36 4.11 -0.02	49.98 4.29 -0.02	56.93 4.30 -6.92	67.52 4.15 -18.79	78.58 3.91 -31.73	79.90 4.12 -31.49	88.04 5.09 -31.49	82.41 5.39 -22.05	79.71 4.96 -22.56	78.12 4.63 -24.22	77.08 4.14 -27.49	69.26 4.00 -20.82	49.91 3.85 -3.72	47.22 3.86 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.22 2.60 0.00	38.82 2.20 0.00	37.31 2.15 0.00	36.43 2.09 0.00	36.25 2.08 0.00	36.86 2.15 0.00	40.59 2.44 0.00	43.62 2.82 0.00	43.67 3.27 0.00	44.43 3.29 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.15 3.57 0.00	46.35 3.39 -0.02	47.75 3.45 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.32 4.12 0.00	53.07 3.79 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.56 3.22 0.00	46.47 3.12 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.26 2.64 0.00	38.82 2.20 0.00	37.31 2.15 0.00	36.43 2.09 0.00	36.25 2.08 0.00	36.90 2.19 0.00	40.62 2.48 0.00	43.62 2.82 0.00	43.67 3.27 0.00	44.43 3.29 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.15 3.57 0.00	46.35 3.39 -0.02	47.75 3.45 0.00	55.67 4.22 0.00	59.48 4.51 0.00	56.37 4.18 0.00	53.07 3.79 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.56 3.22 0.00	46.51 3.16 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.22 2.60 0.00	38.79 2.16 0.00	37.31 2.15 0.00	36.43 2.09 0.00	36.25 2.08 0.00	36.86 2.15 0.00	40.59 2.44 0.00	43.62 2.82 0.00	43.63 3.23 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.42 3.70 0.00	48.15 3.57 0.00	46.35 3.39 -0.02	47.75 3.45 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.32 4.12 0.00	53.07 3.79 0.00	48.91 3.45 0.00	47.73 3.29 0.00	45.51 3.18 0.00	46.47 3.12 0.00
FARRAGUT___LBMP 323566	43.22 2.60 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.86 2.15 0.00	40.55 2.40 0.00	43.58 2.77 0.00	43.63 3.23 0.00	44.39 3.25 0.00	47.73 3.49 0.00	49.33 3.65 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.31 3.35 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.86 3.41 0.00	47.73 3.29 0.00	45.51 3.18 0.00	46.42 3.08 0.00
FENNER___WINDPWR 24204	41.11 0.49 0.00	37.10 0.47 0.00	35.55 0.39 0.00	34.75 0.41 0.00	34.58 0.41 0.00	35.09 0.38 0.00	38.64 0.49 0.00	41.33 0.53 0.00	40.89 0.49 0.00	41.68 0.53 0.00	44.81 0.57 0.00	46.26 0.59 0.00	46.22 0.50 0.00	45.08 0.49 0.00	43.46 0.52 0.00	44.87 0.57 0.00	52.12 0.67 0.00	55.85 0.88 0.00	52.92 0.73 0.00	49.96 0.69 0.00	46.09 0.64 0.00	45.01 0.58 0.00	42.72 0.38 0.00	43.73 0.39 0.00
FIBERTEK___ENERGY 23856	40.22 -0.41 0.00	36.30 -0.33 0.00	34.78 -0.39 0.00	34.00 -0.34 0.00	33.79 -0.38 0.00	34.33 -0.38 0.00	37.80 -0.34 0.00	40.39 -0.41 0.00	39.92 -0.48 0.00	40.69 -0.45 0.00	43.66 -0.58 0.00	45.17 -0.50 0.00	45.17 -0.55 0.00	44.01 -0.58 0.00	42.47 -0.47 0.00	43.85 -0.44 0.00	50.84 -0.62 0.00	54.48 -0.49 0.00	51.67 -0.52 0.00	48.73 -0.54 0.00	44.95 -0.50 0.00	43.91 -0.53 0.00	41.66 -0.68 0.00	42.65 -0.69 0.00
FITZPATRICK___ 23598	39.32 -1.30 0.00	35.49 -1.14 0.00	34.04 -1.13 0.00	33.24 -1.10 0.00	33.07 -1.09 0.00	33.60 -1.11 0.00	36.96 -1.18 0.00	39.49 -1.31 0.00	38.95 -1.45 0.00	39.66 -1.48 0.00	42.55 -1.68 0.00	43.94 -1.74 0.00	43.98 -1.74 0.00	42.85 -1.74 0.00	41.31 -1.63 0.00	42.65 -1.64 0.00	49.45 -2.01 0.00	53.00 -1.98 0.00	50.32 -1.88 0.00	47.45 -1.82 0.00	43.73 -1.73 0.00	42.75 -1.69 0.00	40.69 -1.65 0.00	41.65 -1.69 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.10 2.48 0.00	38.71 2.09 0.00	37.21 2.04 0.00	36.33 1.99 0.00	36.15 1.98 0.00	36.73 2.01 0.00	40.39 2.25 0.00	43.33 2.53 0.00	43.27 2.87 0.00	43.98 2.84 0.00	47.20 2.96 0.00	48.73 3.06 0.00	48.91 3.20 0.00	47.71 3.12 0.00	45.82 2.88 0.00	47.35 3.06 0.00	55.16 3.70 0.00	58.71 3.74 0.00	55.69 3.50 0.00	52.57 3.30 0.00	48.50 3.05 0.00	47.46 3.02 0.00	45.30 2.96 0.00	46.25 2.90 0.00
FORT ORANGE___ 23900	42.20 1.58 0.00	37.98 1.36 0.00	36.50 1.34 0.00	35.61 1.27 0.00	35.39 1.23 0.00	36.03 1.32 0.00	39.59 1.45 0.00	42.35 1.55 0.00	42.02 1.62 0.00	42.67 1.52 0.00	45.91 1.68 0.00	47.45 1.78 0.00	47.49 1.78 0.00	46.32 1.74 0.00	44.62 1.67 0.00	46.02 1.73 0.00	53.46 2.00 0.00	57.01 2.04 0.00	54.23 2.03 0.00	51.25 1.97 0.00	47.27 1.82 0.00	46.30 1.87 0.00	44.16 1.82 0.00	45.17 1.82 0.00
FORT_DRUM_COGEN 23780	40.66 0.04 0.00	36.74 0.11 0.00	35.13 -0.04 0.00	34.27 -0.07 0.00	34.13 -0.03 0.00	34.54 -0.17 0.00	37.84 -0.31 0.00	40.43 -0.37 0.00	40.00 -0.40 0.00	40.77 -0.37 0.00	44.01 -0.22 0.00	45.22 -0.46 0.00	45.17 -0.55 0.00	44.05 -0.54 0.00	42.51 -0.43 0.00	43.98 -0.31 0.00	51.09 -0.36 0.00	54.86 -0.11 0.00	52.04 -0.16 0.00	49.27 0.00 0.00	45.64 0.18 0.00	44.62 0.18 0.00	42.21 -0.13 0.00	43.09 -0.26 0.00
FOX_HILLS___ESR 323835	43.27 2.64 -0.01	38.83 2.20 -0.01	37.35 2.18 -0.01	36.44 2.09 -0.01	36.26 2.08 -0.01	36.86 2.15 0.00	40.47 2.33 0.00	43.37 2.57 0.00	43.35 2.95 0.00	44.06 2.92 0.00	47.46 3.23 0.00	49.10 3.43 0.00	49.19 3.47 0.00	47.93 3.34 0.00	46.09 3.13 -0.02	47.57 3.28 0.00	55.52 4.06 0.00	59.26 4.29 0.00	56.21 4.02 0.00	53.02 3.74 0.00	48.82 3.36 0.00	47.68 3.24 0.00	45.60 3.26 0.00	46.60 3.25 -0.01
FPL_FAR_ROCK_GT1 24212	43.99 3.37 0.00	39.34 2.71 0.00	37.73 2.57 0.00	36.81 2.47 0.00	36.66 2.49 0.00	37.45 2.74 0.00	41.44 3.28 -0.02	44.49 3.67 -0.02	44.42 4.00 -0.02	45.13 3.99 0.00	48.32 4.07 -0.02	49.94 4.25 -0.02	56.93 4.30 -6.92	67.52 4.15 -18.79	78.58 3.91 -31.73	79.90 4.12 -31.49	88.04 5.10 -31.49	82.41 5.39 -22.05	79.72 4.96 -22.56	78.12 4.63 -24.22	77.12 4.18 -27.49	69.26 4.00 -20.82	49.91 3.85 -3.72	47.22 3.86 -0.02
FPL_FAR_ROCK_GT2 23815	43.99 3.37 0.00	39.34 2.71 0.00	37.73 2.57 0.00	36.81 2.47 0.00	36.66 2.49 0.00	37.45 2.74 0.00	41.44 3.28 -0.02	44.49 3.67 -0.02	44.42 4.00 -0.02	45.13 3.99 0.00	48.32 4.07 -0.02	49.94 4.25 -0.02	56.93 4.30 -6.92	67.52 4.15 -18.79	78.58 3.91 -31.73	79.90 4.12 -31.49	88.04 5.10 -31.49	82.41 5.39 -22.05	79.72 4.96 -22.56	78.12 4.63 -24.22	77.12 4.18 -27.49	69.26 4.00 -20.82	49.91 3.85 -3.72	47.22 3.86 -0.02
FRANKLIN_FALL_HYD 24054	40.13 -0.49 0.00	36.33 -0.29 0.00	34.96 -0.21 0.00	34.17 -0.17 0.00	34.03 -0.14 0.00	34.43 -0.28 0.00	37.69 -0.46 0.00	40.27 -0.53 0.00	39.71 -0.69 0.00	40.65 -0.49 0.00	43.79 -0.44 0.00	45.08 -0.59 0.00	45.17 -0.55 0.00	44.10 -0.49 0.00	42.51 -0.43 0.00	43.89 -0.40 0.00	50.89 -0.57 0.00	54.09 -0.88 0.00	51.62 -0.57 0.00	48.98 -0.30 0.00	45.27 -0.18 0.00	44.22 -0.22 0.00	42.21 -0.13 0.00	43.30 -0.04 0.00

FREEPORT_EQUS_GT1 23764	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.57 2.23 0.00	36.42 2.25 0.00	37.21 2.50 0.00	41.21 3.05 -0.01	44.24 3.43 -0.01	44.17 3.76 -0.01	44.85 3.70 0.00	48.05 3.80 -0.01	49.61 3.93 -0.01	55.21 3.93 -5.57	63.49 3.79 -15.12	72.03 3.56 -25.53	73.39 3.76 -25.33	81.52 4.73 -25.34	77.71 5.00 -17.74	74.99 4.64 -18.15	73.04 4.28 -19.49	71.43 3.86 -22.11	64.88 3.69 -16.75	48.93 3.60 -2.99	46.91 3.56 -0.01
FREEPORT___CT2 23818	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.57 2.23 0.00	36.42 2.25 0.00	37.21 2.50 0.00	41.21 3.05 -0.01	44.24 3.43 -0.01	44.17 3.76 -0.01	44.85 3.70 0.00	48.05 3.80 -0.01	49.61 3.93 -0.01	55.21 3.93 -5.57	63.49 3.79 -15.12	72.03 3.56 -25.53	73.39 3.76 -25.33	81.52 4.73 -25.34	77.71 5.00 -17.74	74.99 4.64 -18.15	73.04 4.28 -19.49	71.43 3.86 -22.11	64.88 3.69 -16.75	48.93 3.60 -2.99	46.91 3.56 -0.01
FRESHKLS_33_KV_LOAD 356253	43.31 2.68 -0.01	38.87 2.23 -0.01	37.35 2.18 -0.01	36.48 2.13 -0.01	36.26 2.08 -0.01	36.86 2.15 0.00	40.47 2.33 0.00	43.37 2.57 0.00	43.35 2.95 0.00	44.02 2.88 0.00	47.42 3.18 0.00	49.05 3.38 0.00	49.19 3.47 0.00	47.89 3.30 0.00	46.09 3.13 -0.02	47.53 3.23 0.00	55.57 4.12 0.00	59.32 4.34 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.86 3.41 0.00	47.73 3.29 0.00	45.60 3.26 0.00	46.65 3.29 -0.01
FULTON COGEN____ 23766	39.65 -0.97 0.00	35.78 -0.84 0.00	34.29 -0.88 0.00	33.48 -0.86 0.00	33.31 -0.85 0.00	33.84 -0.87 0.00	37.27 -0.88 0.00	39.82 -0.98 0.00	39.31 -1.09 0.00	40.03 -1.11 0.00	42.95 -1.28 0.00	44.44 -1.23 0.00	44.43 -1.28 0.00	43.29 -1.29 0.00	41.74 -1.20 0.00	43.10 -1.20 0.00	49.96 -1.49 0.00	53.60 -1.37 0.00	50.84 -1.36 0.00	47.99 -1.28 0.00	44.23 -1.23 0.00	43.19 -1.24 0.00	41.03 -1.31 0.00	42.00 -1.34 0.00
FULTON___LFGE 323630	41.72 1.10 0.00	37.54 0.92 0.00	36.12 0.95 0.00	35.13 0.79 0.00	34.95 0.79 0.00	35.68 0.97 0.00	39.25 1.11 0.00	41.90 1.10 0.00	40.76 0.36 0.00	41.02 -0.12 0.00	44.06 -0.18 0.00	45.49 -0.18 0.00	45.53 -0.18 0.00	44.63 0.04 0.00	43.42 0.47 0.00	45.13 0.84 0.00	53.00 1.54 0.00	56.73 1.76 0.00	54.02 1.83 0.00	50.95 1.68 0.00	46.91 1.45 0.00	45.82 1.38 0.00	43.69 1.35 0.00	44.69 1.35 0.00
G.F.CEMENT___DRP 24184	43.71 3.09 0.00	39.30 2.67 0.00	37.84 2.67 0.00	36.85 2.51 0.00	36.59 2.43 0.00	37.32 2.60 0.00	41.04 2.90 0.00	43.98 3.18 0.00	43.39 2.99 0.00	44.06 2.92 0.00	47.42 3.18 0.00	49.01 3.33 0.00	48.96 3.25 0.00	47.66 3.08 0.00	45.99 3.05 0.00	47.39 3.10 0.00	55.37 3.91 0.00	59.10 4.12 0.00	56.26 4.07 0.00	53.07 3.79 0.00	49.00 3.55 0.00	47.90 3.47 0.00	45.68 3.34 0.00	46.77 3.42 0.00
GARDENVILLE___LBMP 24039	37.01 -3.62 0.00	33.70 -2.93 0.00	32.18 -2.99 0.00	31.59 -2.75 0.00	31.50 -2.66 0.00	31.83 -2.88 0.00	34.98 -3.17 0.00	37.41 -3.39 0.00	36.76 -3.64 0.00	37.48 -3.66 0.00	39.99 -4.25 0.00	41.24 -4.43 0.00	40.96 -4.75 0.00	39.99 -4.59 0.00	38.69 -4.25 0.00	39.82 -4.47 0.00	46.00 -5.45 0.00	49.86 -5.11 0.00	47.18 -5.01 0.00	44.30 -4.98 0.00	40.82 -4.64 0.00	39.95 -4.49 0.00	37.98 -4.36 0.00	39.27 -4.07 0.00
GARDNVLA_35_KV_LD 355827	37.25 -3.37 0.00	33.92 -2.71 0.00	32.42 -2.74 0.00	31.80 -2.54 0.00	31.70 -2.46 0.00	32.04 -2.67 0.00	35.21 -2.94 0.00	37.66 -3.14 0.00	37.05 -3.35 0.00	37.77 -3.37 0.00	40.25 -3.98 0.00	41.56 -4.11 0.00	41.28 -4.43 0.00	40.31 -4.28 0.00	38.99 -3.95 0.00	40.13 -4.16 0.00	46.36 -5.09 0.00	50.14 -4.84 0.00	47.50 -4.70 0.00	44.64 -4.63 0.00	41.14 -4.32 0.00	40.22 -4.22 0.00	38.27 -4.06 0.00	39.53 -3.81 0.00
GELCKHM___115KV_LOAD 80723	39.97 -0.65 0.00	36.08 -0.55 0.00	34.57 -0.60 0.00	33.79 -0.55 0.00	33.62 -0.55 0.00	34.16 -0.56 0.00	37.57 -0.57 0.00	40.15 -0.65 0.00	39.63 -0.77 0.00	40.40 -0.74 0.00	43.39 -0.84 0.00	44.85 -0.82 0.00	44.85 -0.87 0.00	43.74 -0.85 0.00	42.17 -0.77 0.00	43.54 -0.75 0.00	50.48 -0.98 0.00	54.09 -0.88 0.00	51.31 -0.89 0.00	48.39 -0.89 0.00	44.64 -0.82 0.00	43.59 -0.84 0.00	41.41 -0.93 0.00	42.39 -0.95 0.00
GENERAL___MILLS 23808	37.17 -3.45 0.00	33.84 -2.78 0.00	32.32 -2.85 0.00	31.73 -2.61 0.00	31.64 -2.53 0.00	31.97 -2.74 0.00	35.13 -3.01 0.00	37.54 -3.26 0.00	36.92 -3.47 0.00	37.65 -3.50 0.00	40.16 -4.07 0.00	41.42 -4.25 0.00	41.14 -4.57 0.00	40.17 -4.41 0.00	38.86 -4.08 0.00	40.00 -4.30 0.00	46.21 -5.25 0.00	50.03 -4.95 0.00	47.34 -4.85 0.00	44.49 -4.78 0.00	41.00 -4.45 0.00	40.08 -4.35 0.00	38.15 -4.19 0.00	39.44 -3.90 0.00
GE_PLASTICS___DRP 24183	41.92 1.30 0.00	37.72 1.10 0.00	36.26 1.09 0.00	35.37 1.03 0.00	35.16 0.99 0.00	35.79 1.08 0.00	39.33 1.18 0.00	42.07 1.26 0.00	41.77 1.37 0.00	42.46 1.32 0.00	45.74 1.50 0.00	47.27 1.60 0.00	47.31 1.60 0.00	46.15 1.56 0.00	44.40 1.46 0.00	45.75 1.46 0.00	53.15 1.70 0.00	56.68 1.70 0.00	53.86 1.67 0.00	50.90 1.63 0.00	46.91 1.45 0.00	45.95 1.51 0.00	43.82 1.48 0.00	44.86 1.52 0.00
GILBOA___1 23756	41.76 1.14 0.00	37.58 0.95 0.00	36.12 0.95 0.00	35.27 0.93 0.00	35.09 0.92 0.00	35.65 0.94 0.00	39.21 1.07 0.00	41.99 1.18 0.00	41.73 1.33 0.00	42.46 1.32 0.00	45.65 1.42 0.00	47.18 1.50 0.00	47.22 1.51 0.00	46.06 1.47 0.00	44.27 1.33 0.00	45.67 1.37 0.00	53.10 1.65 0.00	56.68 1.71 0.00	53.81 1.62 0.00	50.75 1.48 0.00	46.82 1.36 0.00	45.77 1.33 0.00	43.65 1.31 0.00	44.69 1.35 0.00
GILBOA___2 23757	41.76 1.14 0.00	37.58 0.95 0.00	36.12 0.95 0.00	35.27 0.93 0.00	35.09 0.92 0.00	35.65 0.94 0.00	39.21 1.07 0.00	41.99 1.18 0.00	41.73 1.33 0.00	42.46 1.32 0.00	45.65 1.42 0.00	47.18 1.50 0.00	47.22 1.51 0.00	46.06 1.47 0.00	44.27 1.33 0.00	45.67 1.37 0.00	53.10 1.65 0.00	56.68 1.71 0.00	53.81 1.62 0.00	50.75 1.48 0.00	46.82 1.36 0.00	45.77 1.33 0.00	43.65 1.31 0.00	44.69 1.35 0.00
GILBOA___3 23758	41.76 1.14 0.00	37.58 0.95 0.00	36.12 0.95 0.00	35.27 0.93 0.00	35.09 0.92 0.00	35.65 0.94 0.00	39.21 1.07 0.00	41.99 1.18 0.00	41.73 1.33 0.00	42.46 1.32 0.00	45.65 1.42 0.00	47.18 1.50 0.00	47.22 1.51 0.00	46.06 1.47 0.00	44.27 1.33 0.00	45.67 1.37 0.00	53.10 1.65 0.00	56.68 1.71 0.00	53.81 1.62 0.00	50.75 1.48 0.00	46.82 1.36 0.00	45.77 1.33 0.00	43.65 1.31 0.00	44.69 1.35 0.00
GILBOA___4 23759	41.76 1.14 0.00	37.58 0.95 0.00	36.12 0.95 0.00	35.27 0.93 0.00	35.09 0.92 0.00	35.65 0.94 0.00	39.21 1.07 0.00	41.99 1.18 0.00	41.73 1.33 0.00	42.46 1.32 0.00	45.65 1.42 0.00	47.18 1.50 0.00	47.22 1.51 0.00	46.06 1.47 0.00	44.27 1.33 0.00	45.67 1.37 0.00	53.10 1.65 0.00	56.68 1.71 0.00	53.81 1.62 0.00	50.75 1.48 0.00	46.82 1.36 0.00	45.77 1.33 0.00	43.65 1.31 0.00	44.69 1.35 0.00

GILBOA____ 23599	41.76 1.14 0.00	37.58 0.95 0.00	36.12 0.95 0.00	35.27 0.93 0.00	35.09 0.92 0.00	35.65 0.94 0.00	39.21 1.07 0.00	41.98 1.18 0.00	41.73 1.33 0.00	42.46 1.32 0.00	45.69 1.46 0.00	47.18 1.51 0.00	47.22 1.51 0.00	46.06 1.47 0.00	44.27 1.33 0.00	45.67 1.37 0.00	53.10 1.65 0.00	56.68 1.70 0.00	53.81 1.62 0.00	50.75 1.48 0.00	46.82 1.36 0.00	45.77 1.33 0.00	43.65 1.31 0.00	44.69 1.34 0.00
GINNA____ 23603	37.29 -3.33 0.00	33.73 -2.89 0.00	32.32 -2.85 0.00	31.59 -2.75 0.00	31.43 -2.73 0.00	32.07 -2.64 0.00	35.21 -2.94 0.00	37.62 -3.18 0.00	37.13 -3.27 0.00	37.98 -3.17 0.00	40.96 -3.27 0.00	42.16 -3.52 0.00	42.05 -3.66 0.00	41.06 -3.52 0.00	39.72 -3.22 0.00	40.84 -3.45 0.00	47.18 -4.27 0.00	50.74 -4.23 0.00	48.12 -4.07 0.00	45.28 -3.99 0.00	41.82 -3.64 0.00	40.80 -3.64 0.00	38.74 -3.60 0.00	39.79 -3.55 0.00
GLEN PARK____ 23778	40.78 0.16 0.00	36.85 0.22 0.00	35.24 0.07 0.00	34.37 0.03 0.00	34.20 0.03 0.00	34.61 -0.10 0.00	37.95 -0.19 0.00	40.56 -0.24 0.00	40.12 -0.28 0.00	40.86 -0.29 0.00	44.10 -0.13 0.00	45.31 -0.37 0.00	45.21 -0.50 0.00	44.10 -0.49 0.00	42.55 -0.39 0.00	44.03 -0.26 0.00	51.25 -0.20 0.00	55.08 0.11 0.00	52.25 0.05 0.00	49.52 0.25 0.00	45.82 0.36 0.00	44.75 0.31 0.00	42.34 0.00 0.00	43.22 -0.13 0.00
GLENDALE_27_KV_LOAD 356172	43.60 2.97 -0.01	39.12 2.49 -0.01	37.60 2.43 -0.01	36.72 2.37 -0.01	36.53 2.36 -0.01	37.14 2.43 0.00	40.85 2.71 0.00	43.82 3.02 0.00	43.79 3.39 0.00	44.56 3.41 0.00	47.95 3.72 0.00	49.55 3.88 0.00	49.65 3.93 0.00	48.38 3.79 0.00	46.52 3.56 -0.02	47.97 3.68 0.00	55.98 4.53 0.00	59.70 4.73 0.00	56.63 4.44 0.00	53.36 4.09 0.00	49.14 3.68 0.00	47.99 3.56 0.00	45.81 3.47 0.00	46.82 3.47 -0.01
GLENWOOD_IC_1_G5 23712	43.47 2.84 0.00	38.93 2.31 0.00	37.45 2.29 0.00	36.50 2.16 0.00	36.32 2.15 0.00	37.04 2.33 0.00	40.91 2.75 -0.02	43.92 3.10 -0.02	43.89 3.47 -0.02	44.60 3.46 0.00	47.88 3.63 -0.02	49.48 3.79 -0.02	56.65 3.84 -7.10	67.57 3.70 -19.28	78.98 3.48 -32.56	80.06 3.45 -32.31	87.94 4.17 -32.32	81.94 4.34 -22.62	79.52 4.18 -23.15	77.97 3.84 -24.85	77.25 3.59 -28.21	69.27 3.47 -21.36	49.50 3.34 -3.81	46.66 3.29 -0.02
GLENWOOD_IC_2_G1 23688	43.22 2.60 0.00	38.75 2.12 0.00	37.24 2.07 0.00	36.33 1.99 0.00	36.18 2.02 0.00	36.87 2.15 0.00	40.66 2.52 0.00	43.66 2.86 0.00	43.63 3.23 0.00	44.35 3.21 0.00	47.59 3.36 0.00	49.19 3.52 0.00	49.58 3.57 -0.30	48.84 3.43 -0.81	47.54 3.22 -1.38	48.98 3.32 -1.37	56.94 4.12 -1.37	60.27 4.34 -0.96	57.19 4.02 -0.98	54.02 3.70 -1.05	50.06 3.41 -1.19	48.58 3.24 -0.90	45.63 3.13 -0.16	46.38 3.03 0.00
GLENWOOD_IC_3_G1 23689	43.22 2.60 0.00	38.75 2.12 0.00	37.24 2.07 0.00	36.33 1.99 0.00	36.18 2.02 0.00	36.87 2.15 0.00	40.66 2.52 0.00	43.66 2.86 0.00	43.63 3.23 0.00	44.35 3.21 0.00	47.59 3.36 0.00	49.19 3.52 0.00	49.58 3.57 -0.30	48.84 3.43 -0.81	47.54 3.22 -1.38	48.98 3.32 -1.37	56.94 4.12 -1.37	60.27 4.34 -0.96	57.19 4.02 -0.98	54.02 3.70 -1.05	50.06 3.41 -1.19	48.58 3.24 -0.90	45.63 3.13 -0.16	46.38 3.03 0.00
GLENWOOD____4 23550	43.47 2.84 0.00	38.93 2.31 0.00	37.45 2.29 0.00	36.50 2.16 0.00	36.32 2.15 0.00	37.04 2.33 0.00	40.91 2.75 -0.02	43.92 3.10 -0.02	43.89 3.47 -0.02	44.60 3.46 0.00	47.88 3.63 -0.02	49.48 3.79 -0.02	56.65 3.84 -7.10	67.57 3.70 -19.28	78.98 3.48 -32.56	80.15 3.54 -32.31	88.04 4.27 -32.32	82.10 4.51 -22.62	79.57 4.23 -23.15	78.02 3.89 -24.85	77.25 3.59 -28.21	69.27 3.47 -21.36	49.50 3.34 -3.81	46.66 3.29 -0.02
GLENWOOD____5 23614	43.47 2.84 0.00	38.93 2.31 0.00	37.45 2.29 0.00	36.50 2.16 0.00	36.32 2.15 0.00	37.04 2.33 0.00	40.91 2.75 -0.02	43.92 3.10 -0.02	43.89 3.47 -0.02	44.60 3.46 0.00	47.88 3.63 -0.02	49.48 3.79 -0.02	56.65 3.84 -7.10	67.57 3.70 -19.28	78.98 3.48 -32.56	80.15 3.54 -32.31	88.04 4.27 -32.32	82.10 4.51 -22.62	79.57 4.23 -23.15	78.02 3.89 -24.85	77.25 3.59 -28.21	69.27 3.47 -21.36	49.50 3.34 -3.81	46.66 3.29 -0.02
GLOBAL GREEN_PORT_GT1 23814	43.79 3.17 0.00	39.12 2.49 0.00	37.52 2.36 0.00	36.54 2.20 0.00	36.45 2.29 0.00	37.28 2.57 0.00	41.05 2.90 -0.01	43.95 3.14 -0.01	43.97 3.56 -0.01	44.68 3.54 0.00	48.09 3.85 -0.01	49.61 3.93 -0.01	53.78 4.02 -4.04	59.49 3.92 -10.98	65.43 3.95 -18.54	66.99 4.30 -18.40	75.21 5.35 -18.40	73.52 5.66 -12.88	70.54 5.17 -13.18	68.20 4.78 -14.15	65.69 4.18 -16.06	60.47 3.86 -12.16	48.19 3.68 -2.17	47.39 4.03 -0.01
GLOBE____DSASP 323697	36.19 -4.43 0.00	32.96 -3.66 0.00	31.51 -3.66 0.00	30.91 -3.43 0.00	30.82 -3.35 0.00	31.21 -3.51 0.00	34.23 -3.89 0.02	36.54 -4.24 0.02	35.86 -4.52 0.02	36.62 -4.53 0.00	39.06 -5.18 0.00	40.24 -5.44 0.00	40.00 -5.71 0.00	39.08 -5.48 0.02	37.83 -5.11 0.00	38.80 -5.49 0.00	44.77 -6.69 0.00	48.43 -6.54 0.00	45.83 -6.37 0.00	43.06 -6.21 0.00	39.77 -5.68 0.00	38.97 -5.47 0.00	37.09 -5.25 0.00	38.36 -4.98 0.00
GOETHSLN____LBMP 323567	43.10 2.48 0.00	38.71 2.09 0.00	37.21 2.04 0.00	36.33 1.99 0.00	36.15 1.98 0.00	36.79 2.08 0.00	40.51 2.36 0.00	43.54 2.73 0.00	43.55 3.15 0.00	44.31 3.17 0.00	47.64 3.41 0.00	49.23 3.56 0.00	49.28 3.57 0.00	48.02 3.43 0.00	46.22 3.26 -0.02	47.61 3.32 0.00	55.52 4.06 0.00	59.26 4.29 0.00	56.16 3.97 0.00	52.92 3.65 0.00	48.77 3.32 0.00	47.59 3.16 0.00	45.39 3.05 0.00	46.34 2.99 0.00
GOLAH____69_KV_TB 1_2 80279	38.75 -1.87 0.00	35.20 -1.43 0.00	33.65 -1.51 0.00	32.93 -1.41 0.00	32.80 -1.37 0.00	33.43 -1.28 0.00	36.66 -1.49 0.00	39.09 -1.71 0.00	38.54 -1.86 0.00	39.37 -1.77 0.00	42.20 -2.03 0.00	43.53 -2.15 0.00	43.38 -2.33 0.00	42.31 -2.27 0.00	40.92 -2.02 0.00	42.03 -2.26 0.00	48.57 -2.88 0.00	52.39 -2.58 0.00	49.69 -2.51 0.00	46.76 -2.51 0.00	43.18 -2.27 0.00	42.17 -2.27 0.00	40.18 -2.16 0.00	41.35 -1.99 0.00
GOODYEAR_LAKE_HYD 323669	41.31 0.69 0.00	37.25 0.62 0.00	35.73 0.56 0.00	34.89 0.55 0.00	34.71 0.55 0.00	35.30 0.59 0.00	38.83 0.69 0.00	41.58 0.78 0.00	41.21 0.81 0.00	41.97 0.82 0.00	45.16 0.93 0.00	46.59 0.91 0.00	46.58 0.87 0.00	45.48 0.89 0.00	43.89 0.94 0.00	45.27 0.97 0.00	52.79 1.34 0.00	56.51 1.54 0.00	53.50 1.30 0.00	50.50 1.23 0.00	46.55 1.09 0.00	45.42 0.98 0.00	43.19 0.85 0.00	44.17 0.82 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.13 -0.49 0.00	36.26 -0.37 0.00	34.74 -0.42 0.00	34.00 -0.34 0.00	33.82 -0.34 0.00	34.33 -0.38 0.00	37.80 -0.34 0.00	40.48 -0.33 0.00	40.00 -0.40 0.00	40.77 -0.37 0.00	43.66 -0.58 0.00	45.12 -0.55 0.00	45.07 -0.64 0.00	43.96 -0.62 0.00	42.43 -0.52 0.00	43.76 -0.53 0.00	50.84 -0.62 0.00	54.53 -0.44 0.00	51.72 -0.47 0.00	48.78 -0.49 0.00	44.95 -0.50 0.00	43.86 -0.58 0.00	41.66 -0.68 0.00	42.70 -0.65 0.00

GOUDEY___7 23579	40.13 -0.49 0.00	36.26 -0.37 0.00	34.74 -0.42 0.00	34.00 -0.34 0.00	33.82 -0.34 0.00	34.33 -0.38 0.00	37.80 -0.34 0.00	40.48 -0.33 0.00	40.00 -0.40 0.00	40.77 -0.37 0.00	43.66 -0.58 0.00	45.12 -0.55 0.00	45.07 -0.64 0.00	43.96 -0.62 0.00	42.43 -0.52 0.00	43.76 -0.53 0.00	50.84 -0.62 0.00	54.53 -0.44 0.00	51.72 -0.47 0.00	48.78 -0.49 0.00	44.95 -0.50 0.00	43.86 -0.58 0.00	41.66 -0.68 0.00	42.70 -0.65 0.00
GOUDEY___8 23580	40.13 -0.49 0.00	36.26 -0.37 0.00	34.74 -0.42 0.00	34.00 -0.34 0.00	33.82 -0.34 0.00	34.33 -0.38 0.00	37.80 -0.34 0.00	40.48 -0.33 0.00	40.00 -0.40 0.00	40.77 -0.37 0.00	43.66 -0.58 0.00	45.12 -0.55 0.00	45.07 -0.64 0.00	43.96 -0.62 0.00	42.43 -0.52 0.00	43.76 -0.53 0.00	50.84 -0.62 0.00	54.53 -0.44 0.00	51.72 -0.47 0.00	48.78 -0.49 0.00	44.95 -0.50 0.00	43.86 -0.58 0.00	41.66 -0.68 0.00	42.70 -0.65 0.00
GOWANUS_GT1_1 24077	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GOWANUS_GT1_2 24078	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GOWANUS_GT1_3 24079	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GOWANUS_GT1_4 24080	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GOWANUS_GT1_5 24084	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GOWANUS_GT1_6 24111	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GOWANUS_GT1_7 24112	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GOWANUS_GT1_8 24113	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GOWANUS_GT2_1 24114	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
GOWANUS_GT2_2 24115	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
GOWANUS_GT2_3 24116	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
GOWANUS_GT2_4 24117	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
GOWANUS_GT2_5 24118	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01

GOWANUS_GT2_6 24119	43.35 <u>2.72</u> -0.01	38.94 <u>2.31</u> -0.01	37.43 <u>2.25</u> -0.01	36.51 <u>2.16</u> -0.01	36.33 <u>2.15</u> -0.01	36.94 <u>2.22</u> 0.00	40.59 <u>2.44</u> 0.00	43.49 <u>2.69</u> 0.00	43.48 <u>3.07</u> -0.01	44.24 <u>3.09</u> -0.01	47.60 <u>3.36</u> -0.01	49.25 <u>3.56</u> -0.01	49.38 <u>3.66</u> -0.01	48.08 <u>3.48</u> -0.01	46.22 <u>3.26</u> -0.02	47.71 <u>3.41</u> -0.01	55.68 <u>4.22</u> -0.01	59.43 <u>4.45</u> -0.01	56.37 <u>4.18</u> 0.00	53.12 <u>3.85</u> 0.00	48.95 <u>3.50</u> 0.00	47.77 <u>3.33</u> 0.00	45.65 <u>3.30</u> -0.01	46.65 <u>3.29</u> -0.01
GOWANUS_GT2_7 24120	43.35 <u>2.72</u> -0.01	38.94 <u>2.31</u> -0.01	37.43 <u>2.25</u> -0.01	36.51 <u>2.16</u> -0.01	36.33 <u>2.15</u> -0.01	36.94 <u>2.22</u> 0.00	40.59 <u>2.44</u> 0.00	43.49 <u>2.69</u> 0.00	43.48 <u>3.07</u> -0.01	44.24 <u>3.09</u> -0.01	47.60 <u>3.36</u> -0.01	49.25 <u>3.56</u> -0.01	49.38 <u>3.66</u> -0.01	48.08 <u>3.48</u> -0.01	46.22 <u>3.26</u> -0.02	47.71 <u>3.41</u> -0.01	55.68 <u>4.22</u> -0.01	59.43 <u>4.45</u> -0.01	56.37 <u>4.18</u> 0.00	53.12 <u>3.85</u> 0.00	48.95 <u>3.50</u> 0.00	47.77 <u>3.33</u> 0.00	45.65 <u>3.30</u> -0.01	46.65 <u>3.29</u> -0.01
GOWANUS_GT2_8 24121	43.35 <u>2.72</u> -0.01	38.94 <u>2.31</u> -0.01	37.43 <u>2.25</u> -0.01	36.51 <u>2.16</u> -0.01	36.33 <u>2.15</u> -0.01	36.94 <u>2.22</u> 0.00	40.59 <u>2.44</u> 0.00	43.49 <u>2.69</u> 0.00	43.48 <u>3.07</u> -0.01	44.24 <u>3.09</u> -0.01	47.60 <u>3.36</u> -0.01	49.25 <u>3.56</u> -0.01	49.38 <u>3.66</u> -0.01	48.08 <u>3.48</u> -0.01	46.22 <u>3.26</u> -0.02	47.71 <u>3.41</u> -0.01	55.68 <u>4.22</u> -0.01	59.43 <u>4.45</u> -0.01	56.37 <u>4.18</u> 0.00	53.12 <u>3.85</u> 0.00	48.95 <u>3.50</u> 0.00	47.77 <u>3.33</u> 0.00	45.65 <u>3.30</u> -0.01	46.65 <u>3.29</u> -0.01
GOWANUS_GT3_1 24122	43.35 <u>2.72</u> -0.01	38.94 <u>2.31</u> -0.01	37.43 <u>2.25</u> -0.01	36.51 <u>2.16</u> -0.01	36.33 <u>2.15</u> -0.01	36.94 <u>2.22</u> 0.00	40.59 <u>2.44</u> 0.00	43.49 <u>2.69</u> 0.00	43.48 <u>3.07</u> -0.01	44.24 <u>3.09</u> -0.01	47.60 <u>3.36</u> -0.01	49.25 <u>3.56</u> -0.01	49.38 <u>3.66</u> -0.01	48.08 <u>3.48</u> -0.01	46.22 <u>3.26</u> -0.02	47.71 <u>3.41</u> -0.01	55.68 <u>4.22</u> -0.01	59.43 <u>4.45</u> -0.01	56.37 <u>4.18</u> 0.00	53.12 <u>3.85</u> 0.00	48.95 <u>3.50</u> 0.00	47.77 <u>3.33</u> 0.00	45.65 <u>3.30</u> -0.01	46.65 <u>3.29</u> -0.01
GOWANUS_GT3_2 24123	43.35 <u>2.72</u> -0.01	38.94 <u>2.31</u> -0.01	37.43 <u>2.25</u> -0.01	36.51 <u>2.16</u> -0.01	36.33 <u>2.15</u> -0.01	36.94 <u>2.22</u> 0.00	40.59 <u>2.44</u> 0.00	43.49 <u>2.69</u> 0.00	43.48 <u>3.07</u> -0.01	44.24 <u>3.09</u> -0.01	47.60 <u>3.36</u> -0.01	49.25 <u>3.56</u> -0.01	49.38 <u>3.66</u> -0.01	48.08 <u>3.48</u> -0.01	46.22 <u>3.26</u> -0.02	47.71 <u>3.41</u> -0.01	55.68 <u>4.22</u> -0.01	59.43 <u>4.45</u> -0.01	56.37 <u>4.18</u> 0.00	53.12 <u>3.85</u> 0.00	48.95 <u>3.50</u> 0.00	47.77 <u>3.33</u> 0.00	45.65 <u>3.30</u> -0.01	46.65 <u>3.29</u> -0.01
GOWANUS_GT3_3 24124	43.35 <u>2.72</u> -0.01	38.94 <u>2.31</u> -0.01	37.43 <u>2.25</u> -0.01	36.51 <u>2.16</u> -0.01	36.33 <u>2.15</u> -0.01	36.94 <u>2.22</u> 0.00	40.59 <u>2.44</u> 0.00	43.49 <u>2.69</u> 0.00	43.48 <u>3.07</u> -0.01	44.24 <u>3.09</u> -0.01	47.60 <u>3.36</u> -0.01	49.25 <u>3.56</u> -0.01	49.38 <u>3.66</u> -0.01	48.08 <u>3.48</u> -0.01	46.22 <u>3.26</u> -0.02	47.71 <u>3.41</u> -0.01	55.68 <u>4.22</u> -0.01	59.43 <u>4.45</u> -0.01	56.37 <u>4.18</u> 0.00	53.12 <u>3.85</u> 0.00	48.95 <u>3.50</u> 0.00	47.77 <u>3.33</u> 0.00	45.65 <u>3.30</u> -0.0	

GOWANUS_GT4_5 24134	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GOWANUS_GT4_6 24135	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GOWANUS_GT4_7 24136	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GOWANUS_GT4_8 24137	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GREATVRV_69_KV_BK1 356245	44.44 3.82 0.00	39.59 2.97 0.00	38.16 2.99 0.00	37.12 2.78 0.00	36.90 2.73 0.00	37.77 3.05 0.00	41.89 3.74 -0.01	44.93 4.12 -0.01	44.85 4.44 -0.01	45.46 4.32 0.00	48.89 4.64 -0.01	50.43 4.75 -0.01	54.70 4.80 -4.19	60.60 4.64 -11.37	66.70 4.55 -19.21	68.23 4.87 -19.06	76.69 6.17 -19.07	74.86 6.54 -13.35	71.85 6.00 -13.66	69.50 5.57 -14.66	67.00 4.91 -16.64	61.71 4.67 -12.60	49.08 4.49 -2.25	47.82 4.46 -0.01
GREENBSH_115KV_TB3 55895	42.04 1.42 0.00	37.80 1.17 0.00	36.36 1.20 0.00	35.47 1.13 0.00	35.26 1.09 0.00	35.86 1.15 0.00	39.40 1.26 0.00	42.19 1.39 0.00	41.90 1.49 0.00	42.58 1.44 0.00	45.91 1.68 0.00	47.41 1.74 0.00	47.45 1.74 0.00	46.28 1.69 0.00	44.53 1.59 0.00	45.93 1.64 0.00	53.31 1.85 0.00	56.84 1.87 0.00	53.97 1.77 0.00	51.05 1.77 0.00	47.05 1.59 0.00	46.08 1.64 0.00	43.95 1.61 0.00	44.99 1.65 0.00
GREENDGE_115KV_TB5 80291	39.69 -0.93 0.00	35.93 -0.70 0.00	34.32 -0.84 0.00	33.65 -0.69 0.00	33.52 -0.65 0.00	33.98 -0.73 0.00	37.61 -0.53 0.00	40.31 -0.49 0.00	39.71 -0.69 0.00	40.40 -0.74 0.00	43.04 -1.19 0.00	44.53 -1.14 0.00	44.39 -1.33 0.00	43.21 -1.38 0.00	41.78 -1.16 0.00	43.23 -1.06 0.00	50.37 -1.08 0.00	54.48 -0.49 0.00	51.83 -0.37 0.00	48.73 -0.54 0.00	44.82 -0.64 0.00	43.68 -0.76 0.00	41.24 -1.10 0.00	42.30 -1.04 0.00
GREENIDGE___3 23582	39.69 -0.93 0.00	35.93 -0.70 0.00	34.32 -0.84 0.00	33.65 -0.69 0.00	33.52 -0.65 0.00	33.98 -0.73 0.00	37.61 -0.53 0.00	40.31 -0.49 0.00	39.71 -0.69 0.00	40.40 -0.74 0.00	43.04 -1.19 0.00	44.53 -1.14 0.00	44.39 -1.33 0.00	43.21 -1.38 0.00	41.78 -1.16 0.00	43.23 -1.06 0.00	50.37 -1.08 0.00	54.48 -0.49 0.00	51.83 -0.37 0.00	48.73 -0.54 0.00	44.82 -0.64 0.00	43.68 -0.76 0.00	41.24 -1.10 0.00	42.30 -1.04 0.00
GREENIDGE___4 23583	39.69 -0.93 0.00	35.93 -0.70 0.00	34.36 -0.81 0.00	33.65 -0.69 0.00	33.51 -0.65 0.00	33.98 -0.73 0.00	37.61 -0.53 0.00	40.31 -0.49 0.00	39.71 -0.69 0.00	40.40 -0.74 0.00	43.08 -1.15 0.00	44.53 -1.14 0.00	44.39 -1.33 0.00	43.25 -1.34 0.00	41.78 -1.16 0.00	43.23 -1.06 0.00	50.37 -1.08 0.00	54.48 -0.50 0.00	51.83 -0.36 0.00	48.73 -0.54 0.00	44.86 -0.59 0.00	43.68 -0.76 0.00	41.24 -1.10 0.00	42.35 -1.00 0.00
GREENLWN_69_KV_BK 3 55738	43.55 2.92 0.00	38.82 2.20 0.00	37.42 2.25 0.00	36.43 2.09 0.00	36.21 2.05 0.00	37.07 2.36 0.00	41.05 2.90 -0.01	44.03 3.22 -0.01	44.05 3.64 -0.01	44.64 3.50 0.00	47.87 3.63 -0.01	49.34 3.65 -0.01	53.56 3.70 -4.15	59.41 3.57 -11.25	65.34 3.39 -19.01	66.79 3.63 -18.86	75.00 4.68 -18.87	73.13 4.95 -13.21	70.25 4.54 -13.52	67.92 4.14 -14.51	65.60 3.68 -16.47	60.42 3.51 -12.47	47.95 3.39 -2.23	46.69 3.34 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
GRISSOM___SOLAR 323813	41.96 1.34 0.00	37.76 1.14 0.00	36.32 1.16 0.00	35.34 1.00 0.00	35.16 0.99 0.00	35.89 1.18 0.00	39.44 1.30 0.00	42.19 1.39 0.00	41.04 0.64 0.00	41.27 0.12 0.00	44.28 0.04 0.00	45.72 0.05 0.00	45.81 0.09 0.00	44.90 0.31 0.00	43.67 0.73 0.00	45.40 1.11 0.00	53.30 1.85 0.00	57.01 2.04 0.00	54.28 2.09 0.00	51.19 1.92 0.00	47.18 1.73 0.00	46.08 1.65 0.00	43.95 1.61 0.00	44.95 1.60 0.00
GROVEVILLE___HYD 323602	43.10 2.48 0.00	38.71 2.09 0.00	37.21 2.04 0.00	36.33 1.99 0.00	36.15 1.98 0.00	36.73 2.01 0.00	40.39 2.25 0.00	43.33 2.53 0.00	43.27 2.87 0.00	43.98 2.84 0.00	47.20 2.96 0.00	48.73 3.06 0.00	48.91 3.20 0.00	47.71 3.12 0.00	45.82 2.88 0.00	47.35 3.06 0.00	55.16 3.70 0.00	58.71 3.74 0.00	55.69 3.50 0.00	52.57 3.30 0.00	48.50 3.05 0.00	47.46 3.02 0.00	45.30 2.96 0.00	46.25 2.90 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.22 -0.41 0.00	36.30 -0.33 0.00	34.78 -0.39 0.00	34.00 -0.34 0.00	33.79 -0.38 0.00	34.33 -0.38 0.00	37.80 -0.34 0.00	40.39 -0.41 0.00	39.92 -0.48 0.00	40.69 -0.45 0.00	43.66 -0.58 0.00	45.17 -0.50 0.00	45.17 -0.55 0.00	44.01 -0.58 0.00	42.47 -0.47 0.00	43.85 -0.44 0.00	50.84 -0.62 0.00	54.48 -0.49 0.00	51.67 -0.52 0.00	48.73 -0.54 0.00	44.95 -0.50 0.00	43.91 -0.53 0.00	41.66 -0.68 0.00	42.65 -0.69 0.00
HAMLTNNY_34_KV_TB 80303	40.17 -0.45 0.00	36.30 -0.33 0.00	34.74 -0.42 0.00	33.96 -0.38 0.00	33.79 -0.38 0.00	34.33 -0.38 0.00	37.76 -0.38 0.00	40.39 -0.41 0.00	39.88 -0.53 0.00	40.65 -0.49 0.00	43.61 -0.62 0.00	45.12 -0.55 0.00	45.12 -0.59 0.00	43.96 -0.62 0.00	42.43 -0.52 0.00	43.80 -0.49 0.00	50.73 -0.72 0.00	54.48 -0.49 0.00	51.67 -0.52 0.00	48.73 -0.54 0.00	44.95 -0.50 0.00	43.91 -0.53 0.00	41.66 -0.68 0.00	42.61 -0.74 0.00

HAMPSHIRE___PAPER_HYD 323593	40.34 -0.28 0.00	36.44 -0.18 0.00	34.99 -0.17 0.00	34.13 -0.20 0.00	33.99 -0.17 0.00	34.37 -0.35 0.00	37.34 -0.80 0.00	39.90 -0.90 0.00	39.47 -0.93 0.00	40.40 -0.74 0.00	43.79 -0.44 0.00	45.08 -0.60 0.00	45.07 -0.64 0.00	44.01 -0.58 0.00	42.43 -0.51 0.00	43.67 -0.62 0.00	50.37 -1.08 0.00	53.71 -1.26 0.00	50.99 -1.20 0.00	48.34 -0.94 0.00	44.77 -0.68 0.00	43.99 -0.44 0.00	41.87 -0.46 0.00	42.91 -0.43 0.00
HARDSCRABBLE_WT_PWR 323673	42.49 1.87 0.00	38.35 1.72 0.00	36.78 1.62 0.00	35.92 1.58 0.00	35.74 1.57 0.00	36.31 1.60 0.00	39.82 1.68 0.00	42.55 1.75 0.00	42.14 1.74 0.00	42.91 1.77 0.00	46.18 1.94 0.00	47.64 1.96 0.00	47.63 1.92 0.00	46.42 1.83 0.00	44.75 1.80 0.00	46.15 1.86 0.00	53.67 2.21 0.00	57.34 2.36 0.00	54.38 2.19 0.00	51.34 2.07 0.00	47.36 1.91 0.00	46.30 1.87 0.00	44.20 1.86 0.00	45.25 1.91 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.82 2.19 0.00	38.46 1.83 0.00	36.96 1.79 0.00	36.13 1.79 0.00	35.94 1.78 0.00	36.52 1.81 0.00	40.20 2.06 0.00	43.13 2.33 0.00	43.07 2.67 0.00	43.78 2.63 0.00	47.02 2.79 0.00	48.50 2.83 0.00	48.69 2.97 0.00	47.49 2.90 0.00	45.65 2.71 0.00	47.13 2.83 0.00	54.90 3.45 0.00	58.55 3.57 0.00	55.53 3.34 0.00	52.38 3.10 0.00	48.27 2.82 0.00	47.24 2.80 0.00	45.01 2.67 0.00	45.99 2.64 0.00
HARSNRAD_115KV_TB1 81005	36.84 -3.78 0.00	33.59 -3.04 0.00	32.07 -3.09 0.00	31.46 -2.88 0.00	31.36 -2.80 0.00	31.73 -2.99 0.00	34.82 -3.32 0.00	37.17 -3.63 0.00	36.52 -3.88 0.00	37.28 -3.87 0.00	39.77 -4.47 0.00	40.97 -4.70 0.00	40.73 -4.98 0.00	39.81 -4.77 0.00	38.52 -4.42 0.00	39.55 -4.74 0.00	45.69 -5.76 0.00	49.42 -5.55 0.00	46.76 -5.43 0.00	44.00 -5.27 0.00	40.59 -4.86 0.00	39.73 -4.71 0.00	37.81 -4.53 0.00	39.05 -4.29 0.00
HARZA MOOSE___RIVER 24016	40.95 0.32 0.00	36.96 0.33 0.00	35.41 0.25 0.00	34.58 0.24 0.00	34.40 0.24 0.00	34.89 0.17 0.00	38.22 0.08 0.00	40.88 0.08 0.00	40.52 0.12 0.00	41.35 0.21 0.00	44.59 0.35 0.00	45.90 0.23 0.00	45.90 0.18 0.00	44.77 0.18 0.00	43.20 0.26 0.00	44.56 0.27 0.00	51.71 0.26 0.00	55.36 0.38 0.00	52.45 0.26 0.00	49.62 0.34 0.00	45.91 0.45 0.00	44.88 0.44 0.00	42.59 0.25 0.00	43.52 0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.97 -0.65 0.00	36.08 -0.55 0.00	34.57 -0.60 0.00	33.76 -0.58 0.00	33.58 -0.58 0.00	34.12 -0.59 0.00	37.57 -0.57 0.00	40.15 -0.65 0.00	39.63 -0.77 0.00	40.40 -0.74 0.00	43.35 -0.88 0.00	44.85 -0.82 0.00	44.85 -0.87 0.00	43.74 -0.85 0.00	42.17 -0.77 0.00	43.54 -0.75 0.00	50.48 -0.98 0.00	54.09 -0.88 0.00	51.31 -0.89 0.00	48.39 -0.89 0.00	44.59 -0.86 0.00	43.55 -0.89 0.00	41.37 -0.97 0.00	42.35 -1.00 0.00
HELLGATE_13_KV_LD 55870	43.68 3.05 -0.01	39.20 2.56 -0.01	37.67 2.50 -0.01	36.79 2.44 -0.01	36.60 2.43 -0.01	37.21 2.50 0.00	40.89 2.75 0.00	43.86 3.06 0.00	43.83 3.43 0.00	44.56 3.41 0.00	47.95 3.72 0.00	49.60 3.93 0.00	49.69 3.98 0.00	48.38 3.79 0.00	46.52 3.56 -0.02	47.97 3.68 0.00	55.98 4.53 0.00	59.76 4.78 0.00	56.63 4.44 0.00	53.36 4.09 0.00	49.18 3.73 0.00	48.04 3.60 0.00	45.90 3.56 0.00	46.91 3.55 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.68 3.05 -0.01	39.20 2.56 -0.01	37.67 2.50 -0.01	36.79 2.44 -0.01	36.60 2.43 -0.01	37.21 2.50 0.00	40.89 2.75 0.00	43.86 3.06 0.00	43.83 3.43 0.00	44.56 3.41 0.00	47.95 3.72 0.00	49.60 3.93 0.00	49.69 3.98 0.00	48.38 3.79 0.00	46.52 3.56 -0.02	47.97 3.68 0.00	55.98 4.53 0.00	59.76 4.78 0.00	56.63 4.44 0.00	53.36 4.09 0.00	49.18 3.73 0.00	48.04 3.60 0.00	45.90 3.56 0.00	46.91 3.55 -0.01
HEMPSTEAD____ 23647	43.39 2.76 0.00	38.82 2.20 0.00	37.28 2.11 0.00	36.33 1.99 0.00	36.21 2.05 0.00	36.97 2.26 0.00	40.91 2.75 -0.01	43.91 3.10 -0.01	43.89 3.47 -0.01	44.56 3.41 0.00	47.74 3.49 -0.01	49.34 3.66 -0.01	55.51 3.66 -6.14	64.78 3.52 -16.67	74.41 3.31 -28.16	75.70 3.46 -27.95	83.67 4.27 -27.95	79.10 4.56 -19.57	76.39 4.18 -20.03	74.62 3.85 -21.50	73.35 3.50 -24.40	66.29 3.38 -18.48	48.90 3.26 -3.30	46.57 3.21 -0.01
HICKLING___1 23621	39.08 -1.54 0.00	35.42 -1.21 0.00	33.86 -1.30 0.00	33.17 -1.17 0.00	33.04 -1.13 0.00	33.50 -1.21 0.00	36.96 -1.18 0.00	39.58 -1.22 0.00	39.03 -1.37 0.00	39.79 -1.36 0.00	42.46 -1.77 0.00	43.94 -1.74 0.00	43.84 -1.87 0.00	42.71 -1.87 0.00	41.27 -1.67 0.00	42.61 -1.68 0.00	49.45 -2.01 0.00	53.32 -1.65 0.00	50.57 -1.62 0.00	47.55 -1.72 0.00	43.82 -1.64 0.00	42.75 -1.69 0.00	40.52 -1.82 0.00	41.61 -1.73 0.00
HICKLING___2 23622	39.08 -1.54 0.00	35.42 -1.21 0.00	33.86 -1.30 0.00	33.17 -1.17 0.00	33.04 -1.13 0.00	33.50 -1.21 0.00	36.96 -1.18 0.00	39.58 -1.22 0.00	39.03 -1.37 0.00	39.79 -1.36 0.00	42.46 -1.77 0.00	43.94 -1.74 0.00	43.84 -1.87 0.00	42.71 -1.87 0.00	41.27 -1.67 0.00	42.61 -1.68 0.00	49.45 -2.01 0.00	53.32 -1.65 0.00	50.57 -1.62 0.00	47.55 -1.72 0.00	43.82 -1.64 0.00	42.75 -1.69 0.00	40.52 -1.82 0.00	41.61 -1.73 0.00
HIGH FALLS___HY 23754	43.10 2.48 0.00	38.71 2.09 0.00	37.17 2.00 0.00	36.33 1.99 0.00	36.15 1.98 0.00	36.73 2.01 0.00	40.43 2.29 0.00	43.33 2.53 0.00	43.35 2.95 0.00	43.98 2.84 0.00	47.15 2.92 0.00	48.60 2.92 0.00	48.78 3.06 0.00	47.57 2.99 0.00	45.69 2.75 0.00	47.26 2.97 0.00	55.16 3.70 0.00	58.77 3.79 0.00	55.74 3.55 0.00	52.62 3.35 0.00	48.55 3.09 0.00	47.50 3.07 0.00	45.30 2.96 0.00	46.25 2.90 0.00
HIGH_RIVER___SOLAR 323847	41.84 1.22 0.00	37.65 1.02 0.00	36.19 1.02 0.00	35.27 0.93 0.00	35.05 0.89 0.00	35.75 1.04 0.00	39.29 1.14 0.00	41.99 1.18 0.00	40.92 0.52 0.00	41.23 0.08 0.00	44.28 0.04 0.00	45.72 0.05 0.00	45.76 0.05 0.00	44.72 0.13 0.00	43.50 0.56 0.00	45.18 0.89 0.00	53.05 1.60 0.00	56.78 1.81 0.00	54.07 1.88 0.00	51.00 1.72 0.00	47.00 1.55 0.00	45.90 1.46 0.00	43.78 1.44 0.00	44.77 1.43 0.00
HILLBURN___GT 23639	42.73 2.11 0.00	38.42 1.79 0.00	36.92 1.76 0.00	36.09 1.75 0.00	35.91 1.74 0.00	36.52 1.80 0.00	40.20 2.06 0.00	43.17 2.37 0.00	43.11 2.71 0.00	43.82 2.67 0.00	47.07 2.83 0.00	48.64 2.97 0.00	48.78 3.06 0.00	47.53 2.94 0.00	45.69 2.75 0.00	47.13 2.84 0.00	54.96 3.50 0.00	58.66 3.68 0.00	55.58 3.39 0.00	52.43 3.16 0.00	48.37 2.91 0.00	47.19 2.76 0.00	45.01 2.67 0.00	45.90 2.56 0.00
HILLSIDE_115KV_TB1 80332	38.83 -1.79 0.00	35.20 -1.43 0.00	33.69 -1.48 0.00	33.00 -1.34 0.00	32.87 -1.30 0.00	33.32 -1.39 0.00	36.77 -1.37 0.00	39.33 -1.47 0.00	38.82 -1.58 0.00	39.50 -1.65 0.00	42.20 -2.03 0.00	43.62 -2.06 0.00	43.52 -2.19 0.00	42.40 -2.18 0.00	40.97 -1.98 0.00	42.25 -2.04 0.00	49.09 -2.37 0.00	52.83 -2.14 0.00	50.11 -2.09 0.00	47.15 -2.12 0.00	43.45 -2.00 0.00	42.39 -2.04 0.00	40.22 -2.12 0.00	41.31 -2.04 0.00

HISHELDN_WT_PWR 323625	36.76 -3.86 0.00	33.44 -3.19 0.00	32.00 -3.16 0.00	31.35 -2.99 0.00	31.23 -2.94 0.00	31.59 -3.12 0.00	34.75 -3.39 0.00	37.17 -3.63 0.00	36.52 -3.88 0.00	37.19 -3.95 0.00	39.85 -4.38 0.00	40.92 -4.75 0.00	40.69 -5.03 0.00	39.77 -4.82 0.00	38.48 -4.47 0.00	39.60 -4.70 0.00	45.85 -5.61 0.00	49.59 -5.39 0.00	46.97 -5.22 0.00	44.15 -5.13 0.00	40.73 -4.73 0.00	39.77 -4.67 0.00	37.81 -4.53 0.00	39.10 -4.25 0.00
HOLTSVILLE_IC_1 23690	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.54 2.20 0.00	36.42 2.25 0.00	37.24 2.53 0.00	41.28 3.13 -0.01	44.24 3.43 -0.01	44.25 3.84 -0.01	44.85 3.70 0.00	48.09 3.85 -0.01	49.56 3.88 -0.01	53.72 3.98 -4.03	59.38 3.84 -10.95	65.13 3.69 -18.50	66.68 4.03 -18.36	74.91 5.10 -18.36	73.27 5.44 -12.85	70.36 5.01 -13.16	67.98 4.58 -14.12	65.57 4.09 -16.03	60.40 3.82 -12.14	48.19 3.68 -2.17	47.00 3.64 -0.01
HOLTSVILLE_IC_10 23699	43.87 3.25 0.00	39.23 2.60 0.00	37.63 2.46 0.00	36.68 2.34 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.47 3.32 -0.01	44.44 3.63 -0.01	44.45 4.04 -0.01	45.05 3.91 0.00	48.31 4.07 -0.01	49.84 4.16 -0.01	53.99 4.20 -4.07	59.74 4.10 -11.05	65.61 3.99 -18.67	67.16 4.34 -18.53	75.44 5.45 -18.53	73.83 5.88 -12.97	70.85 5.38 -13.28	68.45 4.93 -14.25	66.04 4.41 -16.17	60.82 4.13 -12.25	48.46 3.94 -2.19	47.26 3.90 -0.01
HOLTSVILLE_IC_2 23691	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.54 2.20 0.00	36.42 2.25 0.00	37.24 2.53 0.00	41.28 3.13 -0.01	44.24 3.43 -0.01	44.25 3.84 -0.01	44.85 3.70 0.00	48.09 3.85 -0.01	49.56 3.88 -0.01	53.72 3.98 -4.03	59.38 3.84 -10.95	65.13 3.69 -18.50	66.68 4.03 -18.36	74.91 5.10 -18.36	73.27 5.44 -12.85	70.36 5.01 -13.16	67.98 4.58 -14.12	65.57 4.09 -16.03	60.40 3.82 -12.14	48.19 3.68 -2.17	47.00 3.64 -0.01
HOLTSVILLE_IC_3 23692	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.54 2.20 0.00	36.42 2.25 0.00	37.24 2.53 0.00	41.28 3.13 -0.01	44.24 3.43 -0.01	44.25 3.84 -0.01	44.85 3.70 0.00	48.09 3.85 -0.01	49.56 3.88 -0.01	53.72 3.98 -4.03	59.38 3.84 -10.95	65.13 3.69 -18.50	66.68 4.03 -18.36	74.91 5.10 -18.36	73.27 5.44 -12.85	70.36 5.01 -13.16	67.98 4.58 -14.12	65.57 4.09 -16.03	60.40 3.82 -12.14	48.19 3.68 -2.17	47.00 3.64 -0.01
HOLTSVILLE_IC_4 23693	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.54 2.20 0.00	36.42 2.25 0.00	37.24 2.53 0.00	41.28 3.13 -0.01	44.24 3.43 -0.01	44.25 3.84 -0.01	44.85 3.70 0.00	48.09 3.85 -0.01	49.56 3.88 -0.01	53.72 3.98 -4.03	59.38 3.84 -10.95	65.13 3.69 -18.50	66.68 4.03 -18.36	74.91 5.10 -18.36	73.27 5.44 -12.85	70.36 5.01 -13.16	67.98 4.58 -14.12	65.57 4.09 -16.03	60.40 3.82 -12.14	48.19 3.68 -2.17	47.00 3.64 -0.01
HOLTSVILLE_IC_5 23694	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.54 2.20 0.00	36.42 2.25 0.00	37.24 2.53 0.00	41.28 3.13 -0.01	44.24 3.43 -0.01	44.25 3.84 -0.01	44.85 3.70 0.00	48.09 3.85 -0.01	49.56 3.88 -0.01	53.72 3.98 -4.03	59.38 3.84 -10.95	65.13 3.69 -18.50	66.68 4.03 -18.36	74.91 5.10 -18.36	73.27 5.44 -12.85	70.36 5.01 -13.16	67.98 4.58 -14.12	65.57 4.09 -16.03	60.40 3.82 -12.14	48.19 3.68 -2.17	47.00 3.64 -0.01
HOLTSVILLE_IC_6 23695	43.87 3.25 0.00	39.23 2.60 0.00	37.63 2.46 0.00	36.68 2.34 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.47 3.32 -0.01	44.44 3.63 -0.01	44.45 4.04 -0.01	45.05 3.91 0.00	48.31 4.07 -0.01	49.84 4.16 -0.01	53.99 4.20 -4.07	59.74 4.10 -11.05	65.61 3.99 -18.67	67.16 4.34 -18.53	75.44 5.45 -18.53	73.83 5.88 -12.97	70.85 5.38 -13.28	68.45 4.93 -14.25	66.04 4.41 -16.17	60.82 4.13 -12.25	48.46 3.94 -2.19	47.26 3.90 -0.01
HOLTSVILLE_IC_7 23696	43.87 3.25 0.00	39.23 2.60 0.00	37.63 2.46 0.00	36.68 2.34 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.47 3.32 -0.01	44.44 3.63 -0.01	44.45 4.04 -0.01	45.05 3.91 0.00	48.31 4.07 -0.01	49.84 4.16 -0.01	53.99 4.20 -4.07	59.74 4.10 -11.05	65.61 3.99 -18.67	67.16 4.34 -18.53	75.44 5.45 -18.53	73.83 5.88 -12.97	70.85 5.38 -13.28	68.45 4.93 -14.25	66.04 4.41 -16.17	60.82 4.13 -12.25	48.46 3.94 -2.19	47.26 3.90 -0.01
HOLTSVILLE_IC_8 23697	43.87 3.25 0.00	39.23 2.60 0.00	37.63 2.46 0.00	36.68 2.34 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.47 3.32 -0.01	44.44 3.63 -0.01	44.45 4.04 -0.01	45.05 3.91 0.00	48.31 4.07 -0.01	49.84 4.16 -0.01	53.99 4.20 -4.07	59.74 4.10 -11.05	65.61 3.99 -18.67	67.16 4.34 -18.53	75.44 5.45 -18.53	73.83 5.88 -12.97	70.85 5.38 -13.28	68.45 4.93 -14.25	66.04 4.41 -16.17	60.82 4.13 -12.25	48.46 3.94 -2.19	47.26 3.90 -0.01
HOLTSVILLE_IC_9 23698	43.87 3.25 0.00	39.23 2.60 0.00	37.63 2.46 0.00	36.68 2.34 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.47 3.32 -0.01	44.44 3.63 -0.01	44.45 4.04 -0.01	45.05 3.91 0.00	48.31 4.07 -0.01	49.84 4.16 -0.01	53.99 4.20 -4.07	59.74 4.10 -11.05	65.61 3.99 -18.67	67.16 4.34 -18.53	75.44 5.45 -18.53	73.83 5.88 -12.97	70.85 5.38 -13.28	68.45 4.93 -14.25	66.04 4.41 -16.17	60.82 4.13 -12.25	48.46 3.94 -2.19	47.26 3.90 -0.01
HOMER_HL_115KV_TB2 355744	37.21 -3.41 0.00	33.92 -2.71 0.00	32.42 -2.74 0.00	31.83 -2.51 0.00	31.77 -2.39 0.00	32.07 -2.64 0.00	35.36 -2.78 0.00	37.82 -2.98 0.00	37.21 -3.19 0.00	37.85 -3.29 0.00	40.25 -3.98 0.00	41.52 -4.16 0.00	41.23 -4.48 0.00	40.26 -4.32 0.00	38.91 -4.04 0.00	40.13 -4.16 0.00	46.57 -4.89 0.00	50.47 -4.51 0.00	47.86 -4.33 0.00	44.84 -4.43 0.00	41.27 -4.18 0.00	40.26 -4.18 0.00	38.23 -4.11 0.00	39.53 -3.81 0.00
HOWARD_WT_PWR 323690	36.72 -3.90 0.00	33.29 -3.33 0.00	31.82 -3.34 0.00	31.18 -3.16 0.00	31.06 -3.11 0.00	31.45 -3.26 0.00	34.82 -3.32 0.00	37.37 -3.43 0.00	36.76 -3.64 0.00	37.40 -3.74 0.00	39.94 -4.29 0.00	41.15 -4.52 0.00	40.96 -4.76 0.00	39.95 -4.64 0.00	38.65 -4.29 0.00	39.95 -4.34 0.00	46.46 -4.99 0.00	50.30 -4.67 0.00	47.81 -4.38 0.00	44.94 -4.34 0.00	41.45 -4.00 0.00	40.40 -4.04 0.00	38.23 -4.11 0.00	39.40 -3.94 0.00
HQ_GEN_CEDARS 23644	40.66 0.04 0.00	36.74 0.11 0.00	35.31 0.14 0.00	34.51 0.17 0.00	34.34 0.17 0.00	34.78 0.07 0.00	38.03 -0.11 0.00	40.68 -0.12 0.00	40.20 -0.20 0.00	41.10 -0.04 0.00	44.32 0.09 0.00	45.67 0.00 0.00	45.76 0.05 0.00	44.63 0.04 0.00	42.98 0.04 0.00	44.34 0.04 0.00	51.40 -0.05 0.00	54.64 -0.33 0.00	51.98 -0.21 0.00	49.27 0.00 0.00	45.50 0.05 0.00	44.48 0.04 0.00	42.47 0.13 0.00	43.56 0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	40.66 0.04 0.00	36.74 0.11 0.00	35.31 0.14 0.00	34.51 0.17 0.00	34.34 0.17 0.00	34.78 0.07 0.00	38.03 -0.11 0.00	40.68 -0.12 0.00	40.20 -0.20 0.00	41.10 -0.04 0.00	44.32 0.09 0.00	45.67 0.00 0.00	45.76 0.05 0.00	44.63 0.04 0.00	42.98 0.04 0.00	44.34 0.04 0.00	51.40 -0.05 0.00	54.65 -0.33 0.00	51.98 -0.21 0.00	49.27 0.00 0.00	45.50 0.05 0.00	44.48 0.04 0.00	42.47 0.13 0.00	43.56 0.22 0.00

HQ_GEN_IMPORT 323601	40.34 -0.28 0.00	36.41 -0.22 0.00	34.96 -0.21 0.00	34.17 -0.17 0.00	33.99 -0.17 0.00	34.51 -0.21 0.00	37.84 -0.31 0.00	40.47 -0.33 0.00	40.08 -0.32 0.00	40.81 -0.33 0.00	43.93 -0.31 0.00	45.31 -0.37 0.00	45.40 -0.32 0.00	44.28 -0.31 0.00	42.64 -0.30 0.00	43.98 -0.31 0.00	51.10 -0.36 0.00	54.53 -0.44 0.00	51.77 -0.42 0.00	48.98 -0.29 0.00	45.18 -0.27 0.00	44.17 -0.27 0.00	42.13 -0.21 0.00	43.17 -0.17 0.00
HQ_GEN_WHEEL 23651	40.34 -0.28 0.00	36.41 -0.22 0.00	34.96 -0.21 0.00	34.17 -0.17 0.00	33.99 -0.17 0.00	34.51 -0.21 0.00	37.84 -0.31 0.00	40.47 -0.33 0.00	40.08 -0.32 0.00	40.81 -0.33 0.00	43.93 -0.31 0.00	45.31 -0.37 0.00	45.40 -0.32 0.00	44.28 -0.31 0.00	42.64 -0.30 0.00	43.98 -0.31 0.00	51.10 -0.36 0.00	54.53 -0.44 0.00	51.77 -0.42 0.00	48.98 -0.29 0.00	45.18 -0.27 0.00	44.17 -0.27 0.00	42.13 -0.21 0.00	43.17 -0.17 0.00
HUDSON AVE_GT_3 23810	43.26 2.64 0.00	38.82 2.20 0.00	37.31 2.15 0.00	36.43 2.09 0.00	36.25 2.08 0.00	36.90 2.19 0.00	40.59 2.44 0.00	43.62 2.82 0.00	43.67 3.27 0.00	44.43 3.29 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.15 3.57 0.00	46.35 3.39 -0.02	47.75 3.45 0.00	55.73 4.27 0.00	59.48 4.51 0.00	56.37 4.18 0.00	53.07 3.79 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.56 3.22 0.00	46.47 3.12 0.00
HUDSON AVE_GT_4 23540	43.26 2.64 0.00	38.82 2.20 0.00	37.31 2.15 0.00	36.43 2.09 0.00	36.25 2.08 0.00	36.90 2.19 0.00	40.59 2.44 0.00	43.62 2.82 0.00	43.67 3.27 0.00	44.43 3.29 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.15 3.57 0.00	46.35 3.39 -0.02	47.75 3.45 0.00	55.73 4.27 0.00	59.48 4.51 0.00	56.37 4.18 0.00	53.07 3.79 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.56 3.22 0.00	46.47 3.12 0.00
HUDSON AVE_GT_5 23657	43.26 2.64 0.00	38.82 2.20 0.00	37.31 2.15 0.00	36.43 2.09 0.00	36.25 2.08 0.00	36.90 2.19 0.00	40.59 2.44 0.00	43.62 2.82 0.00	43.67 3.27 0.00	44.43 3.29 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.15 3.57 0.00	46.35 3.39 -0.02	47.75 3.45 0.00	55.73 4.27 0.00	59.48 4.51 0.00	56.37 4.18 0.00	53.07 3.79 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.56 3.22 0.00	46.47 3.12 0.00
HUDSON_AVE_10 24168	43.06 2.44 0.00	38.64 2.01 0.00	37.14 1.97 0.00	36.30 1.96 0.00	36.08 1.91 0.00	36.73 2.01 0.00	40.43 2.29 0.00	43.45 2.65 0.00	43.51 3.11 0.00	44.27 3.13 0.00	47.60 3.36 0.00	49.14 3.47 0.00	49.23 3.52 0.00	47.98 3.39 0.00	46.18 3.22 -0.02	47.57 3.28 0.00	55.47 4.01 0.00	59.21 4.23 0.00	56.11 3.91 0.00	52.87 3.60 0.00	48.73 3.27 0.00	47.59 3.16 0.00	45.39 3.05 0.00	46.29 2.95 0.00
HUDSON___115KV_TB 4 355613	42.65 2.03 0.00	38.38 1.76 0.00	36.89 1.72 0.00	35.99 1.65 0.00	35.77 1.61 0.00	36.41 1.70 0.00	40.01 1.87 0.00	42.76 1.96 0.00	42.34 1.94 0.00	42.91 1.77 0.00	46.14 1.90 0.00	47.59 1.92 0.00	47.63 1.92 0.00	46.50 1.92 0.00	44.79 1.85 0.00	46.29 1.99 0.00	53.92 2.47 0.00	57.56 2.58 0.00	54.75 2.56 0.00	51.79 2.51 0.00	47.73 2.27 0.00	46.79 2.36 0.00	44.63 2.29 0.00	45.69 2.34 0.00
HUNTER MOUNT___DRP 323613	42.77 2.15 0.00	38.46 1.83 0.00	36.96 1.79 0.00	36.06 1.72 0.00	35.84 1.67 0.00	36.45 1.74 0.00	40.05 1.91 0.00	42.76 1.96 0.00	42.34 1.94 0.00	42.91 1.77 0.00	46.05 1.81 0.00	47.45 1.78 0.00	47.54 1.83 0.00	46.46 1.87 0.00	44.70 1.76 0.00	46.29 1.99 0.00	53.87 2.42 0.00	57.50 2.53 0.00	54.70 2.51 0.00	51.79 2.51 0.00	47.73 2.27 0.00	46.88 2.44 0.00	44.71 2.37 0.00	45.77 2.43 0.00
HUNTINGTON_RES_REC 323705	43.63 3.01 0.00	38.97 2.35 0.00	37.38 2.22 0.00	36.43 2.09 0.00	36.32 2.15 0.00	37.18 2.46 0.00	41.21 3.05 -0.01	44.20 3.38 -0.01	44.17 3.76 -0.01	44.76 3.62 0.00	48.00 3.76 -0.01	49.52 3.84 -0.01	53.69 3.88 -4.09	59.48 3.79 -11.10	65.34 3.65 -18.75	66.84 3.94 -18.61	75.11 5.05 -18.61	73.45 5.44 -13.03	70.49 4.96 -13.33	68.12 4.53 -14.31	65.74 4.04 -16.24	60.52 3.78 -12.30	48.18 3.64 -2.20	46.91 3.56 -0.01
HUNTLEY___63 23557	36.93 -3.70 0.00	33.62 -3.00 0.00	32.14 -3.02 0.00	31.52 -2.82 0.00	31.43 -2.73 0.00	31.76 -2.95 0.00	34.86 -3.28 0.01	37.24 -3.55 0.01	36.63 -3.76 0.01	37.40 -3.74 0.00	39.90 -4.33 0.00	41.11 -4.57 0.00	40.87 -4.85 0.00	39.90 -4.68 0.01	38.65 -4.29 0.00	39.69 -4.61 0.00	45.79 -5.66 0.00	49.53 -5.44 0.00	46.87 -5.32 0.00	44.10 -5.17 0.00	40.64 -4.82 0.00	39.82 -4.62 0.00	37.89 -4.45 0.00	39.18 -4.16 0.00
HUNTLEY___64 23558	36.93 -3.70 0.00	33.62 -3.00 0.00	32.14 -3.02 0.00	31.52 -2.82 0.00	31.43 -2.73 0.00	31.76 -2.95 0.00	34.86 -3.28 0.01	37.24 -3.55 0.01	36.63 -3.76 0.01	37.40 -3.74 0.00	39.90 -4.33 0.00	41.11 -4.57 0.00	40.87 -4.85 0.00	39.90 -4.68 0.01	38.65 -4.29 0.00	39.69 -4.61 0.00	45.79 -5.66 0.00	49.53 -5.44 0.00	46.87 -5.32 0.00	44.10 -5.17 0.00	40.64 -4.82 0.00	39.82 -4.62 0.00	37.89 -4.45 0.00	39.18 -4.16 0.00
HUNTLEY___65 23559	36.93 -3.70 0.00	33.62 -3.00 0.00	32.14 -3.02 0.00	31.52 -2.82 0.00	31.43 -2.73 0.00	31.76 -2.95 0.00	34.86 -3.28 0.01	37.24 -3.55 0.01	36.63 -3.76 0.01	37.40 -3.74 0.00	39.90 -4.33 0.00	41.11 -4.57 0.00	40.87 -4.85 0.00	39.90 -4.68 0.01	38.65 -4.29 0.00	39.69 -4.61 0.00	45.79 -5.66 0.00	49.53 -5.44 0.00	46.87 -5.32 0.00	44.10 -5.17 0.00	40.64 -4.82 0.00	39.82 -4.62 0.00	37.89 -4.45 0.00	39.18 -4.16 0.00
HUNTLEY___66 23560	36.93 -3.70 0.00	33.62 -3.00 0.00	32.14 -3.02 0.00	31.52 -2.82 0.00	31.43 -2.73 0.00	31.76 -2.95 0.00	34.86 -3.28 0.01	37.24 -3.55 0.01	36.63 -3.76 0.01	37.40 -3.74 0.00	39.90 -4.33 0.00	41.11 -4.57 0.00	40.87 -4.85 0.00	39.90 -4.68 0.01	38.65 -4.29 0.00	39.69 -4.61 0.00	45.79 -5.66 0.00	49.53 -5.44 0.00	46.87 -5.32 0.00	44.10 -5.17 0.00	40.64 -4.82 0.00	39.82 -4.62 0.00	37.89 -4.45 0.00	39.18 -4.16 0.00
HUNTLEY___67 23561	36.93 -3.70 0.00	33.62 -3.00 0.00	32.14 -3.02 0.00	31.52 -2.82 0.00	31.43 -2.73 0.00	31.80 -2.92 0.00	34.90 -3.24 0.00	37.29 -3.51 0.00	36.64 -3.76 0.00	37.40 -3.74 0.00	39.90 -4.33 0.00	41.11 -4.57 0.00	40.87 -4.85 0.00	39.95 -4.64 0.00	38.65 -4.29 0.00	39.69 -4.61 0.00	45.85 -5.61 0.00	49.59 -5.39 0.00	46.92 -5.27 0.00	44.10 -5.17 0.00	40.68 -4.77 0.00	39.82 -4.62 0.00	37.89 -4.45 0.00	39.14 -4.20 0.00
HUNTLEY___68 23562	36.93 -3.70 0.00	33.62 -3.00 0.00	32.14 -3.02 0.00	31.52 -2.82 0.00	31.43 -2.73 0.00	31.80 -2.92 0.00	34.90 -3.24 0.00	37.29 -3.51 0.00	36.64 -3.76 0.00	37.40 -3.74 0.00	39.90 -4.33 0.00	41.11 -4.57 0.00	40.87 -4.85 0.00	39.95 -4.64 0.00	38.65 -4.29 0.00	39.69 -4.61 0.00	45.85 -5.61 0.00	49.59 -5.39 0.00	46.92 -5.27 0.00	44.10 -5.17 0.00	40.68 -4.77 0.00	39.82 -4.62 0.00	37.89 -4.45 0.00	39.14 -4.20 0.00

HYLAND___LFGE 323620	39.73 -0.89 0.00	35.97 -0.66 0.00	34.43 -0.74 0.00	33.69 -0.65 0.00	33.51 -0.65 0.00	34.26 -0.45 0.00	37.76 -0.38 0.00	40.35 -0.45 0.00	39.35 -1.05 0.00	39.74 -1.40 0.00	42.46 -1.77 0.00	43.53 -2.15 0.00	43.24 -2.47 0.00	42.14 -2.45 0.00	40.84 -2.10 0.00	42.47 -1.82 0.00	49.70 -1.75 0.00	54.26 -0.72 0.00	51.98 -0.21 0.00	48.98 -0.29 0.00	45.23 -0.23 0.00	44.04 -0.40 0.00	41.58 -0.76 0.00	42.70 -0.65 0.00
INDECK___CORINTH 23802	43.55 2.93 0.00	39.19 2.56 0.00	37.73 2.57 0.00	36.71 2.37 0.00	36.49 2.32 0.00	37.21 2.50 0.00	40.93 2.78 0.00	43.82 3.02 0.00	43.27 2.87 0.00	43.94 2.80 0.00	47.28 3.05 0.00	48.92 3.24 0.00	48.82 3.11 0.00	47.48 2.90 0.00	45.86 2.92 0.00	47.21 2.92 0.00	55.16 3.71 0.00	58.88 3.90 0.00	56.05 3.86 0.00	52.82 3.55 0.00	48.87 3.41 0.00	47.77 3.33 0.00	45.52 3.18 0.00	46.60 3.25 0.00
INDECK___ILION 23567	41.80 1.18 0.00	37.69 1.06 0.00	36.19 1.02 0.00	35.34 1.00 0.00	35.16 0.99 0.00	35.72 1.01 0.00	39.21 1.07 0.00	41.90 1.10 0.00	41.53 1.13 0.00	42.30 1.15 0.00	45.47 1.24 0.00	46.95 1.28 0.00	46.95 1.23 0.00	45.79 1.20 0.00	44.10 1.16 0.00	45.49 1.20 0.00	52.90 1.44 0.00	56.51 1.54 0.00	53.60 1.41 0.00	50.60 1.33 0.00	46.68 1.23 0.00	45.64 1.20 0.00	43.53 1.19 0.00	44.56 1.21 0.00
INDECK___OLEAN 23982	37.21 -3.41 0.00	33.92 -2.71 0.00	32.46 -2.71 0.00	31.87 -2.47 0.00	31.77 -2.39 0.00	32.07 -2.64 0.00	35.36 -2.78 0.00	37.82 -2.98 0.00	37.21 -3.19 0.00	37.85 -3.29 0.00	40.38 -3.85 0.00	41.52 -4.16 0.00	41.24 -4.48 0.00	40.26 -4.32 0.00	38.95 -3.99 0.00	40.13 -4.17 0.00	46.57 -4.89 0.00	50.47 -4.51 0.00	47.86 -4.33 0.00	44.84 -4.43 0.00	41.32 -4.14 0.00	40.26 -4.18 0.00	38.23 -4.11 0.00	39.57 -3.77 0.00
INDECK___OSWEGO 23783	39.61 -1.01 0.00	35.75 -0.88 0.00	34.25 -0.91 0.00	33.45 -0.89 0.00	33.28 -0.89 0.00	33.81 -0.90 0.00	37.19 -0.95 0.00	39.74 -1.06 0.00	39.19 -1.21 0.00	39.91 -1.23 0.00	42.86 -1.37 0.00	44.26 -1.42 0.00	44.25 -1.46 0.00	43.16 -1.43 0.00	41.61 -1.33 0.00	42.96 -1.33 0.00	49.81 -1.65 0.00	53.38 -1.60 0.00	50.68 -1.52 0.00	47.80 -1.48 0.00	44.09 -1.36 0.00	43.11 -1.33 0.00	40.94 -1.40 0.00	41.92 -1.43 0.00
INDECK___YERKES 23781	37.01 -3.62 0.00	33.66 -2.97 0.00	32.21 -2.95 0.00	31.59 -2.75 0.00	31.43 -2.73 0.00	31.80 -2.92 0.00	34.89 -3.24 0.01	37.28 -3.51 0.01	36.64 -3.76 0.01	37.40 -3.74 0.00	40.12 -4.11 0.00	41.15 -4.52 0.00	40.87 -4.85 0.00	39.99 -4.59 0.01	38.69 -4.25 0.00	39.73 -4.56 0.00	45.85 -5.61 0.00	49.53 -5.44 0.00	46.92 -5.27 0.00	44.10 -5.17 0.00	40.73 -4.73 0.00	39.82 -4.62 0.00	37.89 -4.45 0.00	39.27 -4.08 0.00
INDIAN POINT_GT_1 24139	42.82 2.19 0.00	38.46 1.83 0.00	36.96 1.79 0.00	36.13 1.79 0.00	35.91 1.74 0.00	36.55 1.84 0.00	40.20 2.06 0.00	43.17 2.37 0.00	43.15 2.75 0.00	43.86 2.72 0.00	47.15 2.92 0.00	48.73 3.06 0.00	48.87 3.15 0.00	47.62 3.03 0.00	45.78 2.83 0.00	47.22 2.92 0.00	55.06 3.60 0.00	58.71 3.74 0.00	55.64 3.44 0.00	52.48 3.20 0.00	48.36 2.91 0.00	47.24 2.80 0.00	45.05 2.71 0.00	46.03 2.69 0.00
INDIAN POINT_GT_2 23659	42.82 2.19 0.00	38.46 1.83 0.00	36.96 1.79 0.00	36.13 1.79 0.00	35.91 1.74 0.00	36.55 1.84 0.00	40.20 2.06 0.00	43.17 2.37 0.00	43.15 2.75 0.00	43.86 2.72 0.00	47.15 2.92 0.00	48.73 3.06 0.00	48.87 3.15 0.00	47.62 3.03 0.00	45.78 2.83 0.00	47.22 2.92 0.00	55.06 3.60 0.00	58.71 3.74 0.00	55.64 3.44 0.00	52.48 3.20 0.00	48.36 2.91 0.00	47.24 2.80 0.00	45.05 2.71 0.00	46.03 2.69 0.00
INDIAN POINT_GT_3 24019	42.82 2.19 0.00	38.46 1.83 0.00	36.96 1.79 0.00	36.13 1.79 0.00	35.91 1.74 0.00	36.55 1.84 0.00	40.20 2.06 0.00	43.17 2.37 0.00	43.15 2.75 0.00	43.86 2.72 0.00	47.15 2.92 0.00	48.73 3.06 0.00	48.87 3.15 0.00	47.62 3.03 0.00	45.78 2.83 0.00	47.22 2.92 0.00	55.06 3.60 0.00	58.71 3.74 0.00	55.64 3.44 0.00	52.48 3.20 0.00	48.36 2.91 0.00	47.24 2.80 0.00	45.05 2.71 0.00	46.03 2.69 0.00
INDIAN POINT___2 23530	42.77 2.15 0.00	38.42 1.79 0.00	36.92 1.76 0.00	36.06 1.72 0.00	35.87 1.71 0.00	36.52 1.80 0.00	40.20 2.06 0.00	43.17 2.37 0.00	43.11 2.71 0.00	43.82 2.67 0.00	47.07 2.83 0.00	48.69 3.01 0.00	48.78 3.06 0.00	47.53 2.94 0.00	45.73 2.79 0.00	47.13 2.84 0.00	55.00 3.55 0.00	58.66 3.68 0.00	55.58 3.39 0.00	52.43 3.16 0.00	48.37 2.91 0.00	47.19 2.76 0.00	45.01 2.67 0.00	45.90 2.56 0.00
INDIAN POINT___3 23531	42.77 2.15 0.00	38.46 1.83 0.00	36.96 1.79 0.00	36.09 1.75 0.00	35.91 1.74 0.00	36.52 1.81 0.00	40.20 2.06 0.00	43.17 2.37 0.00	43.11 2.71 0.00	43.82 2.67 0.00	47.15 2.92 0.00	48.69 3.01 0.00	48.82 3.11 0.00	47.57 2.99 0.00	45.73 2.79 0.00	47.17 2.88 0.00	55.00 3.55 0.00	58.66 3.68 0.00	55.64 3.44 0.00	52.43 3.15 0.00	48.32 2.86 0.00	47.19 2.76 0.00	45.01 2.67 0.00	45.99 2.64 0.00
INGHAM_C_115KV_TB7 356103	43.22 2.60 0.00	39.01 2.38 0.00	37.42 2.25 0.00	36.54 2.20 0.00	36.35 2.19 0.00	36.93 2.22 0.00	40.47 2.33 0.00	43.25 2.45 0.00	42.82 2.42 0.00	43.61 2.47 0.00	46.93 2.70 0.00	48.41 2.74 0.00	48.41 2.70 0.00	47.22 2.63 0.00	45.48 2.53 0.00	46.91 2.61 0.00	54.54 3.09 0.00	58.27 3.30 0.00	55.32 3.13 0.00	52.23 2.96 0.00	48.14 2.68 0.00	47.10 2.67 0.00	44.96 2.63 0.00	46.03 2.69 0.00
IP CORINTH___1 23988	43.55 2.92 0.00	39.19 2.56 0.00	37.73 2.57 0.00	36.71 2.37 0.00	36.49 2.32 0.00	37.21 2.50 0.00	40.93 2.78 0.00	43.82 3.02 0.00	43.27 2.87 0.00	43.94 2.80 0.00	47.29 3.05 0.00	48.92 3.24 0.00	48.82 3.11 0.00	47.49 2.90 0.00	45.86 2.92 0.00	47.22 2.92 0.00	55.16 3.70 0.00	58.88 3.90 0.00	56.06 3.86 0.00	52.82 3.55 0.00	48.82 3.36 0.00	47.77 3.33 0.00	45.51 3.18 0.00	46.64 3.29 0.00
IP___TICONDEROGA 23804	45.37 4.75 0.00	40.80 4.18 0.00	39.35 4.18 0.00	38.22 3.88 0.00	37.92 3.76 0.00	38.77 4.06 0.00	42.64 4.50 0.00	45.66 4.86 0.00	44.84 4.44 0.00	45.46 4.32 0.00	48.92 4.69 0.00	50.61 4.93 0.00	50.38 4.66 0.00	49.05 4.46 0.00	47.41 4.47 0.00	48.85 4.56 0.00	57.32 5.87 0.00	61.29 6.32 0.00	58.51 6.32 0.00	55.14 5.86 0.00	50.91 5.45 0.00	49.77 5.33 0.00	47.42 5.08 0.00	48.59 5.24 0.00
ISLIP_RES_REC 323679	44.03 3.41 0.00	39.37 2.75 0.00	37.73 2.57 0.00	36.78 2.44 0.00	36.66 2.49 0.00	37.52 2.81 0.00	41.62 3.47 -0.01	44.61 3.80 -0.01	44.61 4.20 -0.01	45.22 4.07 0.00	48.53 4.29 -0.01	50.07 4.39 -0.01	54.29 4.48 -4.10	60.03 4.32 -11.12	65.98 4.25 -18.78	67.49 4.56 -18.64	75.86 5.76 -18.64	74.18 6.16 -13.05	71.19 5.64 -13.36	68.83 5.22 -14.34	66.36 4.64 -16.27	61.07 4.31 -12.32	48.69 4.15 -2.20	47.47 4.12 -0.01

JAMAICA__27_KV_LOAD 355505	42.77 2.15 0.00	38.38 1.76 0.00	36.89 1.72 0.00	36.02 1.68 0.00	35.84 1.67 0.00	36.48 1.77 0.00	40.17 2.02 0.00	43.25 2.45 0.00	43.43 3.03 0.00	44.15 3.00 0.00	47.33 3.10 0.00	48.87 3.20 0.00	48.91 3.20 0.00	47.66 3.08 0.00	45.96 3.01 -0.02	47.26 2.97 0.00	55.16 3.70 0.00	58.88 3.90 0.00	55.79 3.60 0.00	52.72 3.45 0.00	48.59 3.14 0.00	47.50 3.07 0.00	45.18 2.84 0.00	45.99 2.64 0.00
JANIS__SOLAR 323808	41.39 0.77 0.00	37.40 0.77 0.00	35.73 0.56 0.00	34.92 0.58 0.00	34.74 0.58 0.00	35.23 0.52 0.00	38.95 0.80 0.00	41.66 0.86 0.00	41.04 0.64 0.00	41.72 0.58 0.00	44.63 0.40 0.00	45.99 0.32 0.00	45.94 0.23 0.00	44.81 0.22 0.00	43.42 0.47 0.00	45.00 0.71 0.00	52.59 1.13 0.00	56.68 1.71 0.00	53.71 1.51 0.00	50.75 1.48 0.00	46.77 1.32 0.00	45.50 1.06 0.00	42.98 0.64 0.00	43.95 0.61 0.00
JARVIS____ 23743	40.83 0.20 0.00	36.81 0.18 0.00	35.34 0.18 0.00	34.51 0.17 0.00	34.34 0.17 0.00	34.89 0.17 0.00	38.34 0.19 0.00	41.01 0.21 0.00	40.64 0.24 0.00	41.39 0.25 0.00	44.50 0.27 0.00	45.95 0.28 0.00	45.99 0.28 0.00	44.86 0.27 0.00	43.20 0.26 0.00	44.56 0.27 0.00	51.77 0.31 0.00	55.30 0.33 0.00	52.46 0.26 0.00	49.52 0.25 0.00	45.68 0.23 0.00	44.66 0.22 0.00	42.60 0.26 0.00	43.56 0.22 0.00
JENNISON____1 23625	41.39 0.77 0.00	37.40 0.77 0.00	35.76 0.60 0.00	34.96 0.62 0.00	34.78 0.61 0.00	35.27 0.56 0.00	38.95 0.80 0.00	41.66 0.86 0.00	41.29 0.89 0.00	42.09 0.95 0.00	45.21 0.97 0.00	46.59 0.91 0.00	46.54 0.82 0.00	45.39 0.80 0.00	44.19 1.25 0.00	45.58 1.28 0.00	53.20 1.75 0.00	57.06 2.09 0.00	53.92 1.72 0.00	50.95 1.68 0.00	46.95 1.50 0.00	45.51 1.07 0.00	43.06 0.72 0.00	44.00 0.65 0.00
JENNISON____2 23626	41.39 0.77 0.00	37.40 0.77 0.00	35.76 0.60 0.00	34.96 0.62 0.00	34.78 0.61 0.00	35.27 0.56 0.00	38.95 0.80 0.00	41.66 0.86 0.00	41.29 0.89 0.00	42.09 0.95 0.00	45.21 0.97 0.00	46.59 0.91 0.00	46.54 0.82 0.00	45.39 0.80 0.00	44.19 1.25 0.00	45.58 1.28 0.00	53.20 1.75 0.00	57.06 2.09 0.00	53.92 1.72 0.00	50.95 1.68 0.00	46.95 1.50 0.00	45.51 1.07 0.00	43.06 0.72 0.00	44.00 0.65 0.00
JERICOHO_RISE_WT_PWR 323719	39.61 -1.01 0.00	35.86 -0.77 0.00	34.50 -0.67 0.00	33.76 -0.58 0.00	33.58 -0.58 0.00	33.98 -0.73 0.00	37.23 -0.92 0.00	39.74 -1.06 0.00	39.23 -1.17 0.00	40.03 -1.11 0.00	43.04 -1.19 0.00	44.35 -1.33 0.00	44.43 -1.28 0.00	43.39 -1.20 0.00	41.83 -1.12 0.00	43.19 -1.11 0.00	50.17 -1.28 0.00	53.49 -1.48 0.00	50.94 -1.25 0.00	48.29 -0.99 0.00	44.64 -0.82 0.00	43.64 -0.80 0.00	41.71 -0.63 0.00	42.78 -0.56 0.00
KATONAH__115KV_46KV_TB4 355592	43.02 2.40 0.00	38.64 2.01 0.00	37.17 2.00 0.00	36.30 1.96 0.00	36.11 1.95 0.00	36.69 1.98 0.00	40.39 2.25 0.00	43.33 2.53 0.00	43.35 2.95 0.00	44.02 2.88 0.00	47.33 3.10 0.00	48.96 3.29 0.00	49.14 3.43 0.00	47.89 3.30 0.00	45.95 3.01 0.00	47.44 3.14 0.00	55.31 3.86 0.00	58.88 3.90 0.00	55.85 3.65 0.00	52.67 3.40 0.00	48.59 3.14 0.00	47.46 3.02 0.00	45.26 2.92 0.00	46.25 2.90 0.00
KCE_NY_1 323755	43.06 2.44 0.00	38.75 2.12 0.00	37.28 2.11 0.00	36.30 1.96 0.00	36.08 1.91 0.00	36.76 2.05 0.00	40.43 2.29 0.00	43.25 2.45 0.00	42.78 2.38 0.00	43.45 2.30 0.00	46.75 2.52 0.00	48.37 2.69 0.00	48.32 2.60 0.00	47.13 2.54 0.00	45.47 2.53 0.00	46.86 2.57 0.00	54.65 3.19 0.00	58.33 3.35 0.00	55.48 3.29 0.00	52.33 3.06 0.00	48.27 2.82 0.00	47.19 2.76 0.00	45.01 2.67 0.00	46.08 2.73 0.00
KCE_NY_6_ESR 323823	37.17 -3.45 0.00	33.81 -2.82 0.00	32.35 -2.81 0.00	31.73 -2.61 0.00	31.60 -2.56 0.00	31.93 -2.78 0.00	35.09 -3.05 0.00	37.53 -3.27 0.00	36.88 -3.52 0.00	37.65 -3.50 0.00	40.34 -3.89 0.00	41.38 -4.29 0.00	41.10 -4.62 0.00	40.17 -4.41 0.00	38.86 -4.08 0.00	39.95 -4.34 0.00	46.16 -5.30 0.00	49.97 -5.00 0.00	47.34 -4.85 0.00	44.45 -4.83 0.00	41.00 -4.45 0.00	40.04 -4.40 0.00	38.11 -4.23 0.00	39.49 -3.86 0.00
KEDC_PORT_JEFF_GT2 24210	43.79 3.17 0.00	39.12 2.49 0.00	37.52 2.36 0.00	36.57 2.23 0.00	36.45 2.29 0.00	37.32 2.60 0.00	41.36 3.20 -0.01	44.32 3.51 -0.01	44.33 3.92 -0.01	44.93 3.78 0.00	48.18 3.94 -0.01	49.70 4.02 -0.01	53.89 4.12 -4.06	59.57 3.97 -11.02	65.42 3.87 -18.61	66.92 4.16 -18.47	75.23 5.30 -18.47	73.57 5.66 -12.93	70.65 5.22 -13.23	68.26 4.78 -14.21	65.85 4.27 -16.12	60.65 4.00 -12.21	48.33 3.81 -2.18	47.12 3.77 -0.01
KEDC_PORT_JEFF_GT3 24211	43.79 3.17 0.00	39.12 2.49 0.00	37.52 2.36 0.00	36.57 2.23 0.00	36.45 2.29 0.00	37.32 2.60 0.00	41.36 3.20 -0.01	44.32 3.51 -0.01	44.33 3.92 -0.01	44.93 3.78 0.00	48.18 3.94 -0.01	49.70 4.02 -0.01	53.89 4.12 -4.06	59.57 3.97 -11.02	65.42 3.87 -18.61	66.92 4.16 -18.47	75.23 5.30 -18.47	73.57 5.66 -12.93	70.65 5.22 -13.23	68.26 4.78 -14.21	65.85 4.27 -16.12	60.65 4.00 -12.21	48.33 3.81 -2.18	47.12 3.77 -0.01
KEDC_GLWD_GT4 24219	43.42 2.80 0.00	38.94 2.31 0.00	37.38 2.22 0.00	36.47 2.13 0.00	36.32 2.15 0.00	37.04 2.33 0.00	40.91 2.75 -0.02	43.92 3.10 -0.02	43.89 3.47 -0.02	44.60 3.46 0.00	47.83 3.58 -0.02	49.48 3.79 -0.02	56.66 3.84 -7.10	67.57 3.70 -19.28	78.98 3.48 -32.56	80.06 3.46 -32.31	87.94 4.17 -32.32	81.94 4.34 -22.62	79.52 4.18 -23.15	77.97 3.85 -24.85	77.30 3.64 -28.21	69.27 3.47 -21.36	49.50 3.34 -3.81	46.65 3.29 -0.02
KEDC_GLWD_GT5 24220	43.42 2.80 0.00	38.94 2.31 0.00	37.38 2.22 0.00	36.47 2.13 0.00	36.32 2.15 0.00	37.04 2.33 0.00	40.91 2.75 -0.02	43.92 3.10 -0.02	43.89 3.47 -0.02	44.60 3.46 0.00	47.83 3.58 -0.02	49.48 3.79 -0.02	56.66 3.84 -7.10	67.57 3.70 -19.28	78.98 3.48 -32.56	80.06 3.46 -32.31	87.94 4.17 -32.32	81.94 4.34 -22.62	79.52 4.18 -23.15	77.97 3.85 -24.85	77.30 3.64 -28.21	69.27 3.47 -21.36	49.50 3.34 -3.81	46.65 3.29 -0.02
KENSICO____ 23655	42.94 2.32 0.00	38.57 1.94 0.00	37.07 1.90 0.00	36.19 1.85 0.00	36.01 1.84 0.00	36.66 1.94 0.00	40.36 2.21 0.00	43.33 2.53 0.00	43.31 2.91 0.00	44.02 2.88 0.00	47.37 3.14 0.00	48.96 3.29 0.00	49.05 3.34 0.00	47.80 3.21 0.00	45.95 3.01 0.00	47.39 3.10 0.00	55.26 3.81 0.00	58.93 3.96 0.00	55.90 3.71 0.00	52.67 3.40 0.00	48.55 3.09 0.00	47.42 2.98 0.00	45.22 2.88 0.00	46.16 2.82 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.06 2.44 0.00	38.68 2.05 0.00	37.17 2.00 0.00	36.33 1.99 0.00	36.11 1.95 0.00	36.73 2.01 0.00	40.39 2.25 0.00	43.29 2.49 0.00	43.23 2.83 0.00	43.90 2.76 0.00	47.06 2.83 0.00	48.50 2.97 0.00	48.69 2.83 0.00	47.49 2.90 0.00	45.65 2.71 0.00	47.22 2.92 0.00	55.06 3.60 0.00	58.66 3.68 0.00	55.69 3.50 0.00	52.57 3.30 0.00	48.45 3.00 0.00	47.46 3.02 0.00	45.26 2.92 0.00	46.21 2.86 0.00

KIAC_JFK_GT1 23816	42.57 1.95 0.00	38.20 1.57 0.00	36.71 1.55 0.00	35.85 1.51 0.00	35.67 1.50 0.00	36.31 1.60 0.00	39.97 1.83 0.00	43.05 2.24 0.00	43.23 2.83 0.00	43.94 2.80 0.00	47.11 2.88 0.00	48.64 2.97 0.00	48.69 2.97 0.00	47.44 2.85 0.00	45.75 2.79 -0.02	47.04 2.75 0.00	54.85 3.40 0.00	58.55 3.57 0.00	55.48 3.29 0.00	52.43 3.15 0.00	48.32 2.86 0.00	47.24 2.80 0.00	44.96 2.63 0.00	45.77 2.43 0.00
KIAC_JFK_GT2 23817	42.57 1.95 0.00	38.20 1.57 0.00	36.71 1.55 0.00	35.85 1.51 0.00	35.67 1.50 0.00	36.31 1.60 0.00	39.97 1.83 0.00	43.05 2.24 0.00	43.23 2.83 0.00	43.94 2.80 0.00	47.11 2.88 0.00	48.64 2.97 0.00	48.69 2.97 0.00	47.44 2.85 0.00	45.75 2.79 -0.02	47.04 2.75 0.00	54.85 3.40 0.00	58.55 3.57 0.00	55.48 3.29 0.00	52.43 3.15 0.00	48.32 2.86 0.00	47.24 2.80 0.00	44.96 2.63 0.00	45.77 2.43 0.00
KIAC_JFK____ 323774	42.57 1.95 0.00	38.20 1.57 0.00	36.71 1.55 0.00	35.85 1.51 0.00	35.67 1.50 0.00	36.30 1.60 0.01	39.97 1.83 0.00	43.04 2.24 0.00	43.24 2.83 -0.01	43.95 2.80 -0.01	46.99 2.74 -0.01	48.65 2.97 -0.01	48.69 2.97 -0.01	47.45 2.86 -0.01	45.75 2.79 -0.02	47.05 2.75 -0.01	54.86 3.40 -0.01	58.55 3.57 -0.01	55.48 3.29 0.00	52.43 3.16 0.00	48.37 2.91 0.00	47.24 2.80 0.00	44.97 2.63 -0.01	45.73 2.38 0.00
KINTIGH__24_KV_GSU 356498	37.41 -3.21 0.00	34.03 -2.60 0.00	32.56 -2.60 0.00	31.90 -2.44 0.00	31.74 -2.42 0.00	32.21 -2.50 0.00	35.36 -2.78 0.00	37.78 -3.02 0.00	37.17 -3.23 0.00	37.93 -3.21 0.00	40.69 -3.54 0.00	41.79 -3.88 0.00	41.60 -4.11 0.00	40.66 -3.92 0.00	39.33 -3.61 0.00	40.39 -3.90 0.00	46.67 -4.78 0.00	50.36 -4.62 0.00	47.65 -4.54 0.00	44.84 -4.43 0.00	41.41 -4.05 0.00	40.48 -3.96 0.00	38.53 -3.81 0.00	39.75 -3.60 0.00
KINTIGH____ 23543	37.41 -3.21 0.00	34.03 -2.60 0.00	32.53 -2.64 0.00	31.87 -2.47 0.00	31.74 -2.43 0.00	32.21 -2.50 0.00	35.36 -2.78 0.00	37.78 -3.02 0.00	37.17 -3.23 0.00	37.93 -3.21 0.00	40.52 -3.72 0.00	41.79 -3.88 0.00	41.60 -4.11 0.00	40.66 -3.92 0.00	39.33 -3.61 0.00	40.39 -3.90 0.00	46.67 -4.79 0.00	50.36 -4.62 0.00	47.65 -4.54 0.00	44.84 -4.43 0.00	41.41 -4.05 0.00	40.48 -3.96 0.00	38.53 -3.81 0.00	39.70 -3.64 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.09 -0.53 0.00	36.33 -0.29 0.00	34.96 -0.21 0.00	34.20 -0.14 0.00	34.03 -0.14 0.00	34.47 -0.24 0.00	37.76 -0.38 0.00	40.31 -0.49 0.00	39.75 -0.65 0.00	40.57 -0.58 0.00	43.66 -0.58 0.00	44.94 -0.73 0.00	45.03 -0.69 0.00	44.01 -0.58 0.00	42.38 -0.56 0.00	43.85 -0.44 0.00	50.94 -0.51 0.00	54.26 -0.71 0.00	51.72 -0.47 0.00	49.08 -0.20 0.00	45.36 -0.09 0.00	44.35 -0.09 0.00	42.34 0.00 0.00	43.39 0.04 0.00
LACHUTE____HYDRO 323717	45.37 4.75 0.00	40.80 4.17 0.00	39.35 4.18 0.00	38.22 3.88 0.00	37.92 3.76 0.00	38.77 4.06 0.00	42.64 4.50 0.00	45.65 4.85 0.00	44.84 4.44 0.00	45.46 4.32 0.00	48.92 4.69 0.00	50.61 4.93 0.00	50.38 4.67 0.00	49.05 4.46 0.00	47.41 4.47 0.00	48.86 4.56 0.00	57.32 5.86 0.00	61.29 6.32 0.00	58.51 6.31 0.00	55.13 5.86 0.00	50.91 5.45 0.00	49.77 5.33 0.00	47.42 5.08 0.00	48.59 5.24 0.00
LAWRNCV_115KV_TB1 80681	40.46 -0.16 0.00	36.55 -0.07 0.00	35.13 -0.04 0.00	34.31 -0.03 0.00	34.16 0.00 0.00	34.50 -0.21 0.00	37.57 -0.57 0.00	40.19 -0.61 0.00	39.67 -0.73 0.00	40.73 -0.41 0.00	43.97 -0.27 0.00	45.26 -0.41 0.00	45.35 -0.37 0.00	44.28 -0.31 0.00	42.64 -0.30 0.00	43.80 -0.49 0.00	50.68 -0.77 0.00	53.82 -1.15 0.00	51.20 -0.99 0.00	48.53 -0.74 0.00	44.91 -0.55 0.00	43.91 -0.53 0.00	41.96 -0.38 0.00	43.13 -0.22 0.00
LEDERLE____ 23769	42.90 2.27 0.00	38.57 1.94 0.00	37.07 1.90 0.00	36.19 1.85 0.00	36.01 1.84 0.00	36.62 1.91 0.00	40.36 2.21 0.00	43.33 2.53 0.00	43.27 2.87 0.00	43.98 2.84 0.00	47.24 3.01 0.00	48.82 3.15 0.00	48.91 3.20 0.00	47.71 3.12 0.00	45.86 2.92 0.00	47.30 3.01 0.00	55.16 3.70 0.00	58.82 3.85 0.00	55.79 3.60 0.00	52.62 3.35 0.00	48.50 3.05 0.00	47.37 2.93 0.00	45.18 2.84 0.00	46.12 2.77 0.00
LIGHTHSE_115KV_TB6 355974	40.01 -0.61 0.00	36.11 -0.51 0.00	34.60 -0.56 0.00	33.79 -0.55 0.00	33.62 -0.55 0.00	34.09 -0.62 0.00	37.38 -0.76 0.00	39.99 -0.82 0.00	39.47 -0.93 0.00	40.20 -0.95 0.00	43.26 -0.97 0.00	44.71 -0.96 0.00	44.71 -1.01 0.00	43.56 -1.03 0.00	42.04 -0.90 0.00	43.41 -0.89 0.00	50.37 -1.08 0.00	53.93 -1.04 0.00	51.20 -0.99 0.00	48.34 -0.94 0.00	44.64 -0.82 0.00	43.59 -0.84 0.00	41.41 -0.93 0.00	42.39 -0.95 0.00
LINDEN COGEN____ 23786	43.10 2.48 0.00	38.68 2.05 0.00	37.17 2.00 0.00	36.30 1.96 0.00	36.15 1.98 0.00	36.76 2.05 0.00	40.47 2.33 0.00	43.49 2.69 0.00	43.56 3.15 -0.01	44.32 3.17 -0.01	47.56 3.32 -0.01	49.25 3.56 -0.01	49.29 3.57 -0.01	48.03 3.43 -0.01	46.18 3.22 -0.02	47.58 3.28 -0.01	55.48 4.02 -0.01	59.27 4.29 -0.01	56.16 3.96 0.00	52.87 3.60 0.00	48.82 3.36 0.00	47.59 3.16 0.00	45.40 3.05 -0.01	46.29 2.95 0.00
LINDHRST_69_KV_BK1 356055	44.07 3.45 0.00	39.30 2.67 0.00	37.87 2.71 0.00	36.85 2.51 0.00	36.66 2.49 0.00	37.49 2.78 0.00	41.55 3.39 -0.01	44.57 3.75 -0.01	44.53 4.12 -0.01	45.13 3.99 0.00	48.45 4.20 -0.01	49.98 4.29 -0.01	54.63 4.34 -4.58	61.21 4.19 -12.43	67.97 4.04 -20.99	69.42 4.30 -20.83	77.74 5.45 -20.83	75.38 5.83 -14.58	72.44 5.32 -14.92	70.22 4.93 -16.02	68.00 4.36 -18.18	62.39 4.18 -13.77	48.82 4.02 -2.46	47.34 3.99 -0.01
LIPA_MISC_IPP 23656	43.91 3.29 0.00	39.15 2.53 0.00	37.70 2.53 0.00	36.67 2.34 0.00	36.49 2.32 0.00	37.32 2.60 0.00	41.36 3.20 -0.01	44.28 3.47 -0.01	44.29 3.88 -0.01	44.89 3.74 0.00	48.22 3.98 -0.01	49.61 3.93 -0.01	53.78 4.02 -4.04	59.44 3.88 -10.97	65.29 3.82 -18.53	66.84 4.16 -18.39	75.09 5.25 -18.39	73.45 5.61 -12.87	70.53 5.17 -13.17	68.20 4.78 -14.14	65.69 4.18 -16.05	60.55 3.96 -12.16	48.32 3.81 -2.17	47.21 3.86 -0.01
LISF____SOLAR 323691	43.83 3.21 0.00	39.19 2.56 0.00	37.59 2.42 0.00	36.64 2.30 0.00	36.52 2.36 0.00	37.39 2.67 0.00	41.43 3.28 -0.01	44.36 3.55 -0.01	44.33 3.92 -0.01	44.93 3.78 0.00	48.18 3.94 -0.01	49.65 3.97 -0.01	53.83 4.07 -4.05	59.54 3.97 -10.99	65.41 3.91 -18.56	66.96 4.25 -18.42	75.23 5.35 -18.42	73.64 5.77 -12.90	70.72 5.33 -13.20	68.37 4.93 -14.17	65.90 4.36 -16.08	60.66 4.04 -12.18	48.41 3.89 -2.17	47.26 3.90 -0.01
LITTLE FALLS____HYD 24013	43.22 2.60 0.00	39.01 2.38 0.00	37.42 2.25 0.00	36.54 2.20 0.00	36.35 2.19 0.00	36.93 2.22 0.00	40.47 2.33 0.00	43.25 2.45 0.00	42.82 2.42 0.00	43.61 2.47 0.00	46.93 2.70 0.00	48.41 2.74 0.00	48.41 2.70 0.00	47.22 2.63 0.00	45.48 2.53 0.00	46.91 2.61 0.00	54.54 3.09 0.00	58.27 3.30 0.00	55.32 3.13 0.00	52.23 2.96 0.00	48.14 2.68 0.00	47.10 2.67 0.00	44.96 2.63 0.00	46.03 2.69 0.00

LITTLRIV_115KV_TB1 356100	40.87 0.24 0.00	36.96 0.33 0.00	35.52 0.35 0.00	34.68 0.34 0.00	34.54 0.38 0.00	34.85 0.14 0.00	37.95 -0.19 0.00	40.60 -0.20 0.00	40.08 -0.32 0.00	41.06 -0.08 0.00	44.28 0.04 0.00	45.54 -0.14 0.00	45.62 -0.09 0.00	44.54 -0.04 0.00	42.90 -0.04 0.00	44.16 -0.13 0.00	51.20 -0.26 0.00	54.48 -0.49 0.00	51.83 -0.37 0.00	49.17 -0.10 0.00	45.50 0.05 0.00	44.48 0.04 0.00	42.47 0.13 0.00	43.56 0.22 0.00
LI_NEWBRDGE___DRP 323616	43.42 2.80 0.00	38.79 2.16 0.00	37.35 2.18 0.00	36.37 2.03 0.00	36.15 1.98 0.00	36.93 2.22 0.00	40.90 2.75 -0.01	43.87 3.06 -0.01	43.88 3.47 -0.01	44.52 3.37 0.00	47.65 3.41 -0.01	49.15 3.47 -0.01	52.98 3.52 -3.75	58.16 3.39 -10.18	63.31 3.18 -17.19	64.76 3.41 -17.06	72.84 4.32 -17.06	71.48 4.56 -11.94	68.59 4.18 -12.22	66.24 3.84 -13.12	63.76 3.41 -14.89	59.01 3.29 -11.28	47.53 3.18 -2.01	46.47 3.12 -0.01
LOCKPORT_115KV_TB60_63_64 80432	36.84 -3.78 0.00	33.59 -3.04 0.00	32.07 -3.09 0.00	31.46 -2.88 0.00	31.36 -2.80 0.00	31.76 -2.95 0.00	34.79 -3.36 0.00	37.17 -3.63 0.00	36.52 -3.88 0.00	37.28 -3.87 0.00	39.77 -4.47 0.00	41.01 -4.66 0.00	40.73 -4.98 0.00	39.81 -4.77 0.00	38.52 -4.42 0.00	39.55 -4.74 0.00	45.69 -5.76 0.00	49.42 -5.55 0.00	46.82 -5.38 0.00	44.00 -5.27 0.00	40.59 -4.86 0.00	39.73 -4.71 0.00	37.81 -4.53 0.00	39.10 -4.25 0.00
LOCKPORT___CC1 323769	36.89 -3.74 0.00	33.59 -3.04 0.00	32.14 -3.02 0.00	31.49 -2.85 0.00	31.36 -2.80 0.00	31.73 -2.99 0.00	34.82 -3.32 0.00	37.17 -3.63 0.00	36.52 -3.88 0.00	37.27 -3.87 0.00	39.99 -4.25 0.00	41.01 -4.66 0.00	40.73 -4.98 0.00	39.86 -4.73 0.00	38.56 -4.38 0.00	39.55 -4.74 0.00	45.69 -5.76 0.00	49.42 -5.55 0.00	46.76 -5.43 0.00	44.00 -5.27 0.00	40.64 -4.82 0.00	39.73 -4.71 0.00	37.81 -4.53 0.00	39.14 -4.20 0.00
LOCKPORT___CC2 323770	36.89 -3.74 0.00	33.59 -3.04 0.00	32.14 -3.02 0.00	31.49 -2.85 0.00	31.36 -2.80 0.00	31.73 -2.99 0.00	34.82 -3.32 0.00	37.17 -3.63 0.00	36.52 -3.88 0.00	37.27 -3.87 0.00	39.99 -4.25 0.00	41.01 -4.66 0.00	40.73 -4.98 0.00	39.86 -4.73 0.00	38.56 -4.38 0.00	39.55 -4.74 0.00	45.69 -5.76 0.00	49.42 -5.55 0.00	46.76 -5.43 0.00	44.00 -5.27 0.00	40.64 -4.82 0.00	39.73 -4.71 0.00	37.81 -4.53 0.00	39.14 -4.20 0.00
LOCKPORT___CC3 323771	36.89 -3.74 0.00	33.59 -3.04 0.00	32.14 -3.02 0.00	31.49 -2.85 0.00	31.36 -2.80 0.00	31.73 -2.99 0.00	34.82 -3.32 0.00	37.17 -3.63 0.00	36.52 -3.88 0.00	37.27 -3.87 0.00	39.99 -4.25 0.00	41.01 -4.66 0.00	40.73 -4.98 0.00	39.86 -4.73 0.00	38.56 -4.38 0.00	39.55 -4.74 0.00	45.69 -5.76 0.00	49.42 -5.55 0.00	46.76 -5.43 0.00	44.00 -5.27 0.00	40.64 -4.82 0.00	39.73 -4.71 0.00	37.81 -4.53 0.00	39.14 -4.20 0.00
LOCUSVLY_69_KV_BK2 55797	43.67 3.05 0.00	39.01 2.38 0.00	37.56 2.39 0.00	36.61 2.27 0.00	36.42 2.25 0.00	37.18 2.46 0.00	41.09 2.94 -0.01	44.12 3.30 -0.01	44.09 3.68 -0.01	44.76 3.62 0.00	48.10 3.85 -0.01	49.66 3.97 -0.01	56.02 4.02 -6.29	65.53 3.88 -17.06	75.41 3.65 -28.82	76.70 3.81 -28.60	84.74 4.68 -28.61	79.95 4.95 -20.02	77.28 4.59 -20.49	75.51 4.24 -22.00	74.24 3.82 -24.97	67.04 3.69 -18.91	49.27 3.56 -3.38	46.87 3.51 -0.01
LONG_LAKE_PHOENIX 24014	39.65 -0.97 0.00	35.78 -0.84 0.00	34.29 -0.88 0.00	33.48 -0.86 0.00	33.31 -0.85 0.00	33.84 -0.87 0.00	37.27 -0.88 0.00	39.82 -0.98 0.00	39.31 -1.09 0.00	40.03 -1.11 0.00	42.95 -1.28 0.00	44.44 -1.23 0.00	44.43 -1.28 0.00	43.29 -1.29 0.00	41.74 -1.20 0.00	43.10 -1.20 0.00	49.96 -1.49 0.00	53.60 -1.37 0.00	50.84 -1.36 0.00	47.99 -1.28 0.00	44.23 -1.23 0.00	43.19 -1.24 0.00	41.03 -1.31 0.00	42.00 -1.34 0.00
LOVETT___3 23632	42.77 2.15 0.00	38.42 1.79 0.00	36.92 1.76 0.00	36.06 1.72 0.00	35.87 1.71 0.00	36.52 1.81 0.00	40.20 2.06 0.00	43.17 2.37 0.00	43.11 2.71 0.00	43.82 2.67 0.00	47.11 2.88 0.00	48.69 3.01 0.00	48.78 3.06 0.00	47.53 2.94 0.00	45.73 2.79 0.00	47.13 2.83 0.00	54.95 3.50 0.00	58.60 3.63 0.00	55.59 3.39 0.00	52.38 3.10 0.00	48.32 2.86 0.00	47.19 2.76 0.00	45.01 2.67 0.00	45.95 2.60 0.00
LOVETT___4 23642	42.77 2.15 0.00	38.42 1.79 0.00	36.92 1.76 0.00	36.06 1.72 0.00	35.87 1.71 0.00	36.52 1.81 0.00	40.20 2.06 0.00	43.17 2.37 0.00	43.11 2.71 0.00	43.82 2.67 0.00	47.11 2.88 0.00	48.69 3.01 0.00	48.78 3.06 0.00	47.53 2.94 0.00	45.73 2.79 0.00	47.13 2.83 0.00	54.95 3.50 0.00	58.60 3.63 0.00	55.59 3.39 0.00	52.38 3.10 0.00	48.32 2.86 0.00	47.19 2.76 0.00	45.01 2.67 0.00	45.95 2.60 0.00
LOVETT___5 23593	42.77 2.15 0.00	38.42 1.79 0.00	36.92 1.76 0.00	36.06 1.72 0.00	35.87 1.71 0.00	36.52 1.81 0.00	40.20 2.06 0.00	43.17 2.37 0.00	43.11 2.71 0.00	43.82 2.67 0.00	47.11 2.88 0.00	48.69 3.01 0.00	48.78 3.06 0.00	47.53 2.94 0.00	45.73 2.79 0.00	47.13 2.83 0.00	54.95 3.50 0.00	58.60 3.63 0.00	55.59 3.39 0.00	52.38 3.10 0.00	48.32 2.86 0.00	47.19 2.76 0.00	45.01 2.67 0.00	45.95 2.60 0.00
LOWER RAQUET___HYD 24057	40.38 -0.24 0.00	36.52 -0.11 0.00	35.10 -0.07 0.00	34.27 -0.07 0.00	34.13 -0.03 0.00	34.43 -0.28 0.00	37.42 -0.73 0.00	40.03 -0.78 0.00	39.55 -0.85 0.00	40.61 -0.54 0.00	43.83 -0.40 0.00	45.13 -0.55 0.00	45.21 -0.50 0.00	44.14 -0.45 0.00	42.51 -0.43 0.00	43.67 -0.62 0.00	50.48 -0.98 0.00	53.54 -1.43 0.00	50.94 -1.25 0.00	48.34 -0.94 0.00	44.68 -0.77 0.00	43.73 -0.71 0.00	41.83 -0.51 0.00	42.95 -0.39 0.00
LOWER___HUDSON 24059	42.57 1.95 0.00	38.31 1.69 0.00	36.82 1.65 0.00	35.92 1.58 0.00	35.70 1.54 0.00	36.34 1.63 0.00	39.97 1.83 0.00	42.80 2.00 0.00	42.46 2.06 0.00	43.16 2.02 0.00	46.44 2.21 0.00	48.05 2.37 0.00	48.04 2.33 0.00	46.86 2.27 0.00	45.13 2.19 0.00	46.51 2.21 0.00	54.13 2.67 0.00	57.77 2.80 0.00	54.85 2.66 0.00	51.78 2.51 0.00	47.73 2.27 0.00	46.70 2.27 0.00	44.54 2.20 0.00	45.60 2.25 0.00
LOWVILLE_115KV_TB2 356335	40.70 0.08 0.00	36.74 0.11 0.00	35.20 0.04 0.00	34.34 0.00 0.00	34.20 0.03 0.00	34.64 -0.07 0.00	37.88 -0.27 0.00	40.52 -0.29 0.00	40.12 -0.28 0.00	40.90 -0.25 0.00	44.19 -0.04 0.00	45.49 -0.18 0.00	45.44 -0.27 0.00	44.32 -0.27 0.00	42.77 -0.17 0.00	44.16 -0.13 0.00	51.20 -0.26 0.00	54.86 -0.11 0.00	52.04 -0.16 0.00	49.22 -0.05 0.00	45.59 0.14 0.00	44.62 0.18 0.00	42.34 0.00 0.00	43.26 -0.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.06 2.44 0.00	38.71 2.09 0.00	37.24 2.07 0.00	36.30 1.96 0.00	36.08 1.91 0.00	36.76 2.05 0.00	40.39 2.25 0.00	43.25 2.45 0.00	42.78 2.38 0.00	43.45 2.30 0.00	46.75 2.52 0.00	48.32 2.65 0.00	48.32 2.61 0.00	47.13 2.54 0.00	45.43 2.49 0.00	46.86 2.57 0.00	54.59 3.14 0.00	58.27 3.30 0.00	55.43 3.24 0.00	52.28 3.01 0.00	48.23 2.77 0.00	47.19 2.76 0.00	44.96 2.63 0.00	46.08 2.73 0.00

LUTHERNY_35_KV_BK2 355980	43.06 2.44 0.00	38.75 2.12 0.00	37.28 2.11 0.00	36.30 1.96 0.00	36.08 1.91 0.00	36.76 2.05 0.00	40.43 2.29 0.00	43.25 2.45 0.00	42.78 2.38 0.00	43.45 2.30 0.00	46.75 2.52 0.00	48.37 2.69 0.00	48.32 2.61 0.00	47.13 2.54 0.00	45.48 2.53 0.00	46.86 2.57 0.00	54.64 3.19 0.00	58.33 3.35 0.00	55.48 3.29 0.00	52.33 3.05 0.00	48.27 2.82 0.00	47.24 2.80 0.00	45.01 2.67 0.00	46.08 2.73 0.00
LWR___OSWEGATCHIE_HYD 23850	40.34 -0.28 0.00	36.44 -0.18 0.00	34.99 -0.18 0.00	34.13 -0.21 0.00	33.99 -0.17 0.00	34.37 -0.35 0.00	37.34 -0.80 0.00	39.90 -0.90 0.00	39.47 -0.93 0.00	40.40 -0.74 0.00	43.79 -0.44 0.00	45.08 -0.59 0.00	45.07 -0.64 0.00	44.01 -0.58 0.00	42.43 -0.52 0.00	43.67 -0.62 0.00	50.37 -1.08 0.00	53.71 -1.26 0.00	50.99 -1.20 0.00	48.34 -0.94 0.00	44.77 -0.68 0.00	43.99 -0.44 0.00	41.87 -0.47 0.00	42.87 -0.48 0.00
LYONS_FALL_HYD 23570	40.95 0.32 0.00	36.96 0.33 0.00	35.41 0.25 0.00	34.58 0.24 0.00	34.41 0.24 0.00	34.89 0.17 0.00	38.22 0.08 0.00	40.88 0.08 0.00	40.52 0.12 0.00	41.35 0.21 0.00	44.59 0.35 0.00	45.90 0.23 0.00	45.90 0.18 0.00	44.77 0.18 0.00	43.16 0.22 0.00	44.56 0.27 0.00	51.71 0.26 0.00	55.36 0.39 0.00	52.46 0.26 0.00	49.62 0.35 0.00	45.91 0.45 0.00	44.88 0.44 0.00	42.60 0.26 0.00	43.56 0.22 0.00
MADISON___COUNTY_LFGE 323628	41.39 0.77 0.00	37.40 0.77 0.00	35.83 0.67 0.00	34.99 0.65 0.00	34.81 0.65 0.00	35.34 0.62 0.00	38.91 0.76 0.00	41.62 0.82 0.00	41.21 0.81 0.00	42.01 0.86 0.00	45.21 0.97 0.00	46.59 0.91 0.00	46.58 0.87 0.00	45.43 0.85 0.00	43.80 0.86 0.00	45.18 0.89 0.00	52.54 1.08 0.00	56.29 1.32 0.00	53.29 1.10 0.00	50.36 1.08 0.00	46.45 1.00 0.00	45.37 0.93 0.00	43.06 0.72 0.00	44.00 0.65 0.00
MALONE___115KV_TB1 356076	40.13 -0.49 0.00	36.33 -0.29 0.00	34.96 -0.21 0.00	34.17 -0.17 0.00	34.03 -0.14 0.00	34.43 -0.28 0.00	37.69 -0.46 0.00	40.27 -0.53 0.00	39.71 -0.69 0.00	40.65 -0.49 0.00	43.79 -0.44 0.00	45.08 -0.59 0.00	45.17 -0.55 0.00	44.10 -0.49 0.00	42.51 -0.43 0.00	43.89 -0.40 0.00	50.89 -0.57 0.00	54.09 -0.88 0.00	51.62 -0.57 0.00	48.98 -0.30 0.00	45.27 -0.18 0.00	44.22 -0.22 0.00	42.21 -0.13 0.00	43.30 -0.04 0.00
MAPLEWOD_115KV_TB3 80458	42.37 1.75 0.00	38.13 1.50 0.00	36.64 1.48 0.00	35.75 1.41 0.00	35.53 1.37 0.00	36.17 1.46 0.00	39.75 1.60 0.00	42.52 1.71 0.00	42.22 1.82 0.00	42.91 1.77 0.00	46.27 2.03 0.00	47.82 2.15 0.00	47.82 2.10 0.00	46.64 2.05 0.00	44.92 1.98 0.00	46.29 1.99 0.00	53.77 2.32 0.00	57.34 2.36 0.00	54.49 2.30 0.00	51.49 2.22 0.00	47.45 2.00 0.00	46.48 2.04 0.00	44.33 1.99 0.00	45.38 2.04 0.00
MAPLE_RIDGE_WT_1 323574	39.32 -1.30 0.00	35.45 -1.17 0.00	34.04 -1.13 0.00	33.24 -1.10 0.00	33.07 -1.09 0.00	33.57 -1.14 0.00	36.89 -1.26 0.00	39.49 -1.31 0.00	39.11 -1.29 0.00	39.82 -1.32 0.00	42.86 -1.37 0.00	44.26 -1.42 0.00	44.34 -1.37 0.00	43.25 -1.34 0.00	41.65 -1.29 0.00	42.96 -1.33 0.00	49.91 -1.54 0.00	53.33 -1.65 0.00	50.63 -1.56 0.00	47.84 -1.43 0.00	44.13 -1.32 0.00	43.19 -1.24 0.00	41.24 -1.10 0.00	42.26 -1.08 0.00
MAPLE_RIDGE_WT_2 323611	39.32 -1.30 0.00	35.45 -1.17 0.00	34.04 -1.13 0.00	33.24 -1.10 0.00	33.07 -1.09 0.00	33.57 -1.14 0.00	36.89 -1.26 0.00	39.49 -1.31 0.00	39.11 -1.29 0.00	39.82 -1.32 0.00	42.86 -1.37 0.00	44.26 -1.42 0.00	44.34 -1.37 0.00	43.25 -1.34 0.00	41.65 -1.29 0.00	42.96 -1.33 0.00	49.91 -1.54 0.00	53.33 -1.65 0.00	50.63 -1.56 0.00	47.84 -1.43 0.00	44.13 -1.32 0.00	43.19 -1.24 0.00	41.24 -1.10 0.00	42.26 -1.08 0.00
MARBLE_RIVER_WT_PWR 323696	39.65 -0.98 0.00	35.93 -0.70 0.00	34.57 -0.60 0.00	33.83 -0.51 0.00	33.62 -0.55 0.00	34.05 -0.66 0.00	37.30 -0.84 0.00	39.82 -0.98 0.00	39.31 -1.09 0.00	40.12 -1.03 0.00	43.13 -1.10 0.00	44.39 -1.28 0.00	44.52 -1.19 0.00	43.47 -1.11 0.00	41.91 -1.03 0.00	43.28 -1.02 0.00	50.27 -1.18 0.00	53.60 -1.37 0.00	51.04 -1.15 0.00	48.34 -0.94 0.00	44.68 -0.77 0.00	43.73 -0.71 0.00	41.75 -0.59 0.00	42.83 -0.52 0.00
MARSHVLE_115KV_TB1 80742	40.87 0.24 0.00	36.77 0.15 0.00	35.34 0.18 0.00	34.41 0.07 0.00	34.23 0.07 0.00	34.96 0.24 0.00	38.37 0.23 0.00	40.92 0.12 0.00	39.79 -0.61 0.00	40.16 -0.99 0.00	43.22 -1.02 0.00	44.62 -1.05 0.00	44.62 -1.10 0.00	43.65 -0.94 0.00	42.47 -0.47 0.00	44.11 -0.18 0.00	51.87 0.41 0.00	55.52 0.55 0.00	52.87 0.68 0.00	49.86 0.59 0.00	45.91 0.45 0.00	44.84 0.40 0.00	42.81 0.47 0.00	43.74 0.39 0.00
MARSH_HILL_WT_PWR 323713	36.80 -3.82 0.00	33.37 -3.26 0.00	31.90 -3.27 0.00	31.25 -3.09 0.00	31.12 -3.04 0.00	31.55 -3.16 0.00	34.90 -3.24 0.00	37.46 -3.34 0.00	36.84 -3.56 0.00	37.48 -3.66 0.00	39.99 -4.25 0.00	41.24 -4.43 0.00	41.05 -4.66 0.00	40.04 -4.55 0.00	38.74 -4.21 0.00	40.04 -4.25 0.00	46.57 -4.89 0.00	50.41 -4.56 0.00	47.86 -4.33 0.00	45.03 -4.24 0.00	41.55 -3.91 0.00	40.48 -3.96 0.00	38.32 -4.02 0.00	39.49 -3.86 0.00
MCINTYRE_115KV_TB2 80467	41.15 0.53 0.00	37.21 0.59 0.00	35.76 0.60 0.00	34.92 0.58 0.00	34.78 0.61 0.00	35.13 0.42 0.00	38.33 0.19 0.00	41.01 0.20 0.00	40.44 0.04 0.00	41.31 0.16 0.00	44.50 0.27 0.00	45.76 0.09 0.00	45.81 0.09 0.00	44.72 0.13 0.00	43.11 0.17 0.00	44.47 0.18 0.00	51.71 0.26 0.00	55.14 0.16 0.00	52.45 0.26 0.00	49.77 0.49 0.00	46.05 0.59 0.00	45.02 0.58 0.00	42.89 0.55 0.00	44.00 0.65 0.00
MECO_____69_KV_BK1 80468	42.21 1.58 0.00	37.94 1.32 0.00	36.54 1.37 0.00	35.54 1.20 0.00	35.33 1.16 0.00	36.10 1.39 0.00	39.71 1.56 0.00	42.39 1.59 0.00	41.21 0.81 0.00	41.43 0.29 0.00	44.41 0.18 0.00	45.86 0.18 0.00	45.90 0.18 0.00	44.94 0.36 0.00	43.76 0.82 0.00	45.53 1.24 0.00	53.56 2.11 0.00	57.39 2.42 0.00	54.65 2.45 0.00	51.54 2.27 0.00	47.45 2.00 0.00	46.39 1.96 0.00	44.20 1.86 0.00	45.21 1.86 0.00
MENANDS___115KV_TB5 355628	42.25 1.62 0.00	37.98 1.36 0.00	36.54 1.37 0.00	35.64 1.30 0.00	35.43 1.26 0.00	36.07 1.35 0.00	39.63 1.49 0.00	42.39 1.59 0.00	42.10 1.70 0.00	42.79 1.65 0.00	46.18 1.95 0.00	47.68 2.01 0.00	47.73 2.01 0.00	46.55 1.96 0.00	44.79 1.85 0.00	46.15 1.86 0.00	53.62 2.16 0.00	57.17 2.20 0.00	54.28 2.09 0.00	51.29 2.02 0.00	47.27 1.82 0.00	46.35 1.91 0.00	44.16 1.82 0.00	45.21 1.86 0.00
MG INDUSTRY___DRP 24185	42.17 1.54 0.00	37.98 1.36 0.00	36.50 1.34 0.00	35.61 1.27 0.00	35.39 1.23 0.00	36.00 1.28 0.00	39.52 1.37 0.00	42.27 1.47 0.00	41.85 1.45 0.00	42.54 1.40 0.00	45.78 1.55 0.00	47.32 1.64 0.00	47.36 1.65 0.00	46.19 1.61 0.00	44.49 1.55 0.00	45.93 1.64 0.00	53.41 1.96 0.00	56.95 1.98 0.00	54.12 1.93 0.00	51.15 1.87 0.00	47.14 1.68 0.00	46.17 1.73 0.00	44.08 1.74 0.00	45.12 1.78 0.00

MID___OSWEGATCHIE_HYD 23849	40.34 -0.28 0.00	36.44 -0.18 0.00	34.99 -0.18 0.00	34.13 -0.21 0.00	33.99 -0.17 0.00	34.37 -0.35 0.00	37.34 -0.80 0.00	39.90 -0.90 0.00	39.47 -0.93 0.00	40.40 -0.74 0.00	43.79 -0.44 0.00	45.08 -0.59 0.00	45.07 -0.64 0.00	44.01 -0.58 0.00	42.43 -0.52 0.00	43.67 -0.62 0.00	50.37 -1.08 0.00	53.71 -1.26 0.00	50.99 -1.20 0.00	48.34 -0.94 0.00	44.77 -0.68 0.00	43.99 -0.44 0.00	41.87 -0.47 0.00	42.87 -0.48 0.00
MID___RAQUETTE_HYD 23851	40.38 -0.24 0.00	36.52 -0.11 0.00	35.10 -0.07 0.00	34.27 -0.07 0.00	34.13 -0.03 0.00	34.43 -0.28 0.00	37.42 -0.72 0.00	40.03 -0.78 0.00	39.55 -0.85 0.00	40.61 -0.53 0.00	43.84 -0.40 0.00	45.12 -0.55 0.00	45.21 -0.50 0.00	44.14 -0.45 0.00	42.51 -0.43 0.00	43.67 -0.62 0.00	50.48 -0.98 0.00	53.54 -1.43 0.00	50.94 -1.25 0.00	48.34 -0.94 0.00	44.68 -0.77 0.00	43.73 -0.71 0.00	41.83 -0.51 0.00	42.96 -0.39 0.00
MILLIKEN___1 23584	40.82 0.20 0.00	36.85 0.22 0.00	35.27 0.11 0.00	34.48 0.14 0.00	34.30 0.14 0.00	34.82 0.10 0.00	38.37 0.23 0.00	41.09 0.29 0.00	40.56 0.16 0.00	41.31 0.16 0.00	44.23 0.00 0.00	45.76 0.09 0.00	45.71 0.00 0.00	44.54 -0.04 0.00	43.03 0.09 0.00	44.47 0.18 0.00	51.66 0.21 0.00	55.58 0.60 0.00	52.77 0.57 0.00	49.77 0.49 0.00	45.86 0.41 0.00	44.75 0.31 0.00	42.38 0.04 0.00	43.35 0.00 0.00
MILLIKEN___2 23585	40.82 0.20 0.00	36.85 0.22 0.00	35.27 0.11 0.00	34.48 0.14 0.00	34.30 0.14 0.00	34.82 0.10 0.00	38.37 0.23 0.00	41.09 0.29 0.00	40.56 0.16 0.00	41.31 0.16 0.00	44.23 0.00 0.00	45.76 0.09 0.00	45.71 0.00 0.00	44.54 -0.04 0.00	43.03 0.09 0.00	44.47 0.18 0.00	51.66 0.21 0.00	55.58 0.60 0.00	52.77 0.57 0.00	49.77 0.49 0.00	45.86 0.41 0.00	44.75 0.31 0.00	42.38 0.04 0.00	43.35 0.00 0.00
MILLIKEN___DIESEL 23629	40.82 0.20 0.00	36.85 0.22 0.00	35.27 0.11 0.00	34.48 0.14 0.00	34.30 0.14 0.00	34.82 0.10 0.00	38.37 0.23 0.00	41.09 0.29 0.00	40.56 0.16 0.00	41.31 0.16 0.00	44.23 0.00 0.00	45.76 0.09 0.00	45.71 0.00 0.00	44.54 -0.04 0.00	43.03 0.09 0.00	44.47 0.18 0.00	51.66 0.21 0.00	55.58 0.60 0.00	52.77 0.57 0.00	49.77 0.49 0.00	45.86 0.41 0.00	44.75 0.31 0.00	42.38 0.04 0.00	43.35 0.00 0.00
MILLSEAT___LFGE 323607	37.66 -2.96 0.00	34.25 -2.38 0.00	32.81 -2.36 0.00	32.11 -2.23 0.00	31.98 -2.19 0.00	32.49 -2.22 0.00	35.66 -2.48 0.00	38.11 -2.69 0.00	37.45 -2.95 0.00	38.22 -2.92 0.00	41.05 -3.19 0.00	42.11 -3.56 0.00	41.83 -3.89 0.00	40.93 -3.66 0.00	39.64 -3.31 0.00	40.71 -3.59 0.00	46.98 -4.48 0.00	50.85 -4.12 0.00	48.22 -3.97 0.00	45.33 -3.94 0.00	41.91 -3.55 0.00	40.93 -3.51 0.00	38.87 -3.47 0.00	40.18 -3.16 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.86 2.23 0.00	38.49 1.87 0.00	37.03 1.86 0.00	36.16 1.82 0.00	35.98 1.81 0.00	36.59 1.87 0.00	40.28 2.14 0.00	43.25 2.45 0.00	43.19 2.79 0.00	43.90 2.76 0.00	47.24 3.01 0.00	48.82 3.15 0.00	48.91 3.20 0.00	47.66 3.08 0.00	45.82 2.88 0.00	47.26 2.97 0.00	55.11 3.65 0.00	58.77 3.79 0.00	55.74 3.55 0.00	52.52 3.25 0.00	48.41 2.95 0.00	47.33 2.89 0.00	45.09 2.75 0.00	46.08 2.73 0.00
MILLWOOD_13_KV_LOAD 356217	42.94 2.32 0.00	38.57 1.94 0.00	37.07 1.90 0.00	36.23 1.89 0.00	36.01 1.84 0.00	36.62 1.91 0.00	40.32 2.17 0.00	43.29 2.49 0.00	43.27 2.87 0.00	43.98 2.84 0.00	47.29 3.05 0.00	48.87 3.20 0.00	49.01 3.29 0.00	47.75 3.17 0.00	45.90 2.96 0.00	47.35 3.06 0.00	55.21 3.76 0.00	58.88 3.90 0.00	55.79 3.60 0.00	52.62 3.35 0.00	48.50 3.05 0.00	47.37 2.93 0.00	45.18 2.84 0.00	46.16 2.82 0.00
MODEL_CITY_ENERGY 24167	36.56 -4.06 0.00	33.29 -3.33 0.00	31.90 -3.27 0.00	31.25 -3.09 0.00	31.12 -3.04 0.00	31.48 -3.23 0.00	34.48 -3.66 0.00	36.84 -3.96 0.00	36.20 -4.20 0.00	36.95 -4.20 0.00	39.63 -4.60 0.00	40.60 -5.07 0.00	40.37 -5.35 0.00	39.50 -5.08 0.00	38.22 -4.72 0.00	39.20 -5.09 0.00	45.23 -6.23 0.00	48.93 -6.05 0.00	46.29 -5.90 0.00	43.56 -5.71 0.00	40.23 -5.23 0.00	39.33 -5.11 0.00	37.43 -4.91 0.00	38.79 -4.55 0.00
MODERN_LFGE___ 323580	36.56 -4.06 0.00	33.29 -3.33 0.00	31.90 -3.27 0.00	31.25 -3.09 0.00	31.12 -3.04 0.00	31.48 -3.23 0.00	34.48 -3.66 0.00	36.84 -3.96 0.00	36.20 -4.20 0.00	36.95 -4.20 0.00	39.63 -4.60 0.00	40.60 -5.07 0.00	40.37 -5.35 0.00	39.50 -5.08 0.00	38.22 -4.72 0.00	39.20 -5.09 0.00	45.23 -6.23 0.00	48.93 -6.05 0.00	46.29 -5.90 0.00	43.56 -5.71 0.00	40.23 -5.23 0.00	39.33 -5.11 0.00	37.43 -4.91 0.00	38.79 -4.55 0.00
MOHAWK_PAPER___DRP 24187	42.37 1.75 0.00	38.13 1.50 0.00	36.64 1.48 0.00	35.75 1.41 0.00	35.53 1.37 0.00	36.17 1.46 0.00	39.75 1.60 0.00	42.52 1.71 0.00	42.22 1.82 0.00	42.91 1.77 0.00	46.27 2.03 0.00	47.82 2.15 0.00	47.82 2.10 0.00	46.64 2.05 0.00	44.92 1.98 0.00	46.29 1.99 0.00	53.77 2.32 0.00	57.34 2.36 0.00	54.49 2.30 0.00	51.49 2.22 0.00	47.45 2.00 0.00	46.48 2.04 0.00	44.33 1.99 0.00	45.38 2.04 0.00
MOHICAN___35_KV_115KV_LD 80490	43.71 3.09 0.00	39.30 2.67 0.00	37.84 2.67 0.00	36.85 2.51 0.00	36.59 2.43 0.00	37.32 2.60 0.00	41.04 2.90 0.00	43.98 3.18 0.00	43.39 2.99 0.00	44.06 2.92 0.00	47.42 3.18 0.00	49.01 3.33 0.00	48.96 3.25 0.00	47.66 3.08 0.00	45.99 3.05 0.00	47.39 3.10 0.00	55.37 3.91 0.00	59.10 4.12 0.00	56.26 4.07 0.00	53.07 3.79 0.00	49.00 3.55 0.00	47.90 3.47 0.00	45.68 3.34 0.00	46.77 3.42 0.00
MONGAUP___HYD 23641	42.77 2.15 0.00	38.46 1.83 0.00	36.92 1.76 0.00	36.09 1.75 0.00	35.87 1.71 0.00	36.48 1.77 0.00	40.13 1.98 0.00	42.96 2.16 0.00	42.78 2.38 0.00	43.36 2.22 0.00	46.49 2.25 0.00	47.96 2.28 0.00	48.09 2.38 0.00	46.90 2.32 0.00	45.13 2.19 0.00	46.68 2.39 0.00	54.49 3.04 0.00	58.16 3.19 0.00	55.22 3.03 0.00	52.18 2.91 0.00	48.14 2.68 0.00	47.10 2.67 0.00	44.92 2.58 0.00	45.86 2.51 0.00
MONTAUK___DIESEL 23721	43.63 3.01 0.00	38.82 2.20 0.00	37.42 2.25 0.00	36.37 2.03 0.00	36.18 2.02 0.00	37.00 2.29 0.00	40.63 2.48 -0.01	43.50 2.69 -0.01	43.52 3.11 -0.01	44.27 3.13 0.00	47.78 3.54 -0.01	49.15 3.47 -0.01	53.37 3.61 -4.04	59.04 3.48 -10.98	65.00 3.52 -18.54	66.54 3.85 -18.40	74.64 4.79 -18.40	72.91 5.06 -12.88	69.97 4.59 -13.18	67.71 4.29 -14.15	65.15 3.64 -16.06	60.02 3.42 -12.16	47.77 3.26 -2.17	47.08 3.73 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.42 -5.20 0.00	32.23 -4.40 0.00	30.70 -4.47 0.00	30.15 -4.19 0.00	30.10 -4.07 0.00	30.30 -4.41 0.00	33.45 -4.69 0.00	35.82 -4.98 0.00	35.23 -5.17 0.00	35.92 -5.23 0.00	38.13 -6.10 0.00	39.37 -6.30 0.00	39.09 -6.63 0.00	38.08 -6.51 0.00	36.89 -6.05 0.00	38.09 -6.20 0.00	44.10 -7.36 0.00	49.64 -5.33 0.00	47.08 -5.11 0.00	42.62 -6.65 0.00	39.23 -6.23 0.00	38.22 -6.22 0.00	36.33 -6.01 0.00	37.58 -5.76 0.00

MORRIS_RIDGE___SOLAR 323848	37.21 -3.41 0.00	33.81 -2.82 0.00	32.35 -2.81 0.00	31.70 -2.64 0.00	31.53 -2.63 0.00	31.93 -2.78 0.00	35.21 -2.94 0.00	37.70 -3.10 0.00	37.05 -3.35 0.00	37.73 -3.41 0.00	40.30 -3.94 0.00	41.47 -4.20 0.00	41.28 -4.43 0.00	40.31 -4.28 0.00	38.99 -3.95 0.00	40.26 -4.03 0.00	46.72 -4.73 0.00	50.52 -4.45 0.00	47.91 -4.28 0.00	45.03 -4.24 0.00	41.55 -3.91 0.00	40.53 -3.91 0.00	38.49 -3.85 0.00	39.66 -3.68 0.00
MORTIMER_115KV_TB3 55949	38.71 -1.91 0.00	35.09 -1.54 0.00	33.58 -1.58 0.00	32.86 -1.48 0.00	32.73 -1.43 0.00	33.32 -1.39 0.00	36.62 -1.53 0.00	39.13 -1.67 0.00	38.54 -1.86 0.00	39.41 -1.73 0.00	42.29 -1.95 0.00	43.62 -2.06 0.00	43.47 -2.24 0.00	42.45 -2.14 0.00	41.05 -1.89 0.00	42.25 -2.04 0.00	48.83 -2.62 0.00	52.55 -2.42 0.00	49.84 -2.35 0.00	46.91 -2.37 0.00	43.32 -2.14 0.00	42.31 -2.13 0.00	40.18 -2.16 0.00	41.26 -2.08 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.14 2.52 0.00	38.71 2.09 0.00	37.24 2.07 0.00	36.37 2.03 0.00	36.18 2.02 0.00	36.79 2.08 0.00	40.51 2.36 0.00	43.54 2.73 0.00	43.51 3.11 0.00	44.27 3.13 0.00	47.60 3.36 0.00	49.19 3.52 0.00	49.28 3.57 0.00	48.02 3.43 0.00	46.20 3.26 0.00	47.61 3.32 0.00	55.52 4.06 0.00	59.26 4.29 0.00	56.16 3.97 0.00	52.92 3.65 0.00	48.77 3.32 0.00	47.64 3.20 0.00	45.43 3.09 0.00	46.38 3.03 0.00
MUNSVILLE_WIND_PWR 323609	42.08 1.46 0.00	38.02 1.39 0.00	36.26 1.09 0.00	35.41 1.07 0.00	35.26 1.09 0.00	35.68 0.97 0.00	39.48 1.33 0.00	42.23 1.43 0.00	41.81 1.41 0.00	42.67 1.52 0.00	45.78 1.55 0.00	47.09 1.42 0.00	46.99 1.28 0.00	45.83 1.25 0.00	44.53 1.59 0.00	46.02 1.73 0.00	53.82 2.37 0.00	57.88 2.91 0.00	54.65 2.45 0.00	51.69 2.41 0.00	47.68 2.23 0.00	46.26 1.82 0.00	43.61 1.27 0.00	44.47 1.13 0.00
N SALMON___HYD 24042	40.14 -0.49 0.00	36.33 -0.29 0.00	34.96 -0.21 0.00	34.17 -0.17 0.00	34.03 -0.14 0.00	34.43 -0.28 0.00	37.69 -0.46 0.00	40.27 -0.53 0.00	39.71 -0.69 0.00	40.65 -0.49 0.00	43.79 -0.44 0.00	45.08 -0.60 0.00	45.17 -0.55 0.00	44.10 -0.49 0.00	42.51 -0.43 0.00	43.89 -0.40 0.00	50.89 -0.56 0.00	54.09 -0.88 0.00	51.62 -0.57 0.00	48.98 -0.29 0.00	45.27 -0.18 0.00	44.22 -0.22 0.00	42.21 -0.13 0.00	43.30 -0.04 0.00
N.AKRON__115KV_KNAPP 355671	37.58 -3.05 0.00	34.21 -2.42 0.00	32.67 -2.50 0.00	32.04 -2.30 0.00	31.94 -2.22 0.00	32.42 -2.29 0.00	35.55 -2.59 0.00	37.98 -2.82 0.00	37.37 -3.03 0.00	38.14 -3.00 0.00	40.74 -3.49 0.00	41.97 -3.70 0.00	41.74 -3.98 0.00	40.75 -3.83 0.00	39.51 -3.44 0.00	40.57 -3.72 0.00	46.88 -4.58 0.00	50.69 -4.29 0.00	48.07 -4.12 0.00	45.18 -4.09 0.00	41.73 -3.73 0.00	40.79 -3.64 0.00	38.74 -3.60 0.00	40.01 -3.34 0.00
N.E_GEN_SANDY PD 24062	47.40 2.07 -4.71	42.60 1.76 -4.22	40.20 1.72 -3.31	39.20 1.68 -3.18	42.40 1.64 -6.60	46.63 1.73 -10.18	59.40 1.94 -19.31	62.52 2.16 -19.56	57.60 2.34 -14.86	46.70 2.34 -3.21	51.68 2.56 -4.88	50.17 2.69 -1.80	51.56 2.70 -3.15	52.10 2.63 -4.88	58.21 2.49 -12.78	60.33 2.52 -13.51	69.39 3.04 -14.90	74.80 3.13 -16.70	70.10 2.97 -14.93	64.87 2.76 -12.84	62.10 2.54 -14.10	57.98 2.49 -11.05	50.12 2.41 -5.37	48.15 2.43 -2.38
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.77 2.15 0.00	38.46 1.83 0.00	36.96 1.79 0.00	36.09 1.75 0.00	35.91 1.74 0.00	36.52 1.81 0.00	40.20 2.06 0.00	43.17 2.37 0.00	43.15 2.75 0.00	43.86 2.72 0.00	47.11 2.88 0.00	48.69 3.01 0.00	48.78 3.06 0.00	47.57 2.99 0.00	45.73 2.79 0.00	47.17 2.88 0.00	55.00 3.55 0.00	58.66 3.68 0.00	55.59 3.39 0.00	52.43 3.15 0.00	48.32 2.86 0.00	47.24 2.80 0.00	45.01 2.67 0.00	45.99 2.64 0.00
N.QUEENS_27_KV_LOAD 356247	43.84 3.21 -0.01	39.34 2.71 -0.01	37.81 2.64 -0.01	36.92 2.58 -0.01	36.73 2.56 -0.01	37.39 2.67 0.00	40.97 2.82 0.00	43.78 2.98 0.00	43.67 3.27 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.46 3.75 0.00	48.20 3.61 0.00	46.39 3.44 -0.02	47.79 3.50 0.00	55.73 4.27 0.00	59.48 4.51 0.00	56.37 4.18 0.00	53.07 3.79 0.00	48.86 3.41 0.00	47.82 3.38 0.00	45.90 3.56 0.00	46.99 3.64 -0.01
N.TROY___115KV_TB1 355778	42.57 1.95 0.00	38.31 1.68 0.00	36.82 1.65 0.00	35.92 1.58 0.00	35.70 1.54 0.00	36.34 1.63 0.00	39.97 1.83 0.00	42.80 2.00 0.00	42.46 2.06 0.00	43.16 2.02 0.00	46.49 2.26 0.00	48.05 2.37 0.00	48.05 2.33 0.00	46.86 2.27 0.00	45.13 2.19 0.00	46.51 2.21 0.00	54.13 2.68 0.00	57.78 2.80 0.00	54.85 2.66 0.00	51.79 2.51 0.00	47.73 2.27 0.00	46.70 2.27 0.00	44.54 2.20 0.00	45.60 2.25 0.00
NARROWS_GT1_1 24228	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT1_2 24229	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT1_3 24230	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT1_4 24231	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT1_5 24232	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01

NARROWS_GT1_6 24233	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT1_7 24234	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT1_8 24235	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT2_1 24236	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT2_2 24237	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT2_3 24238	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT2_4 24239	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT2_5 24240	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT2_6 24241	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT2_7 24242	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NARROWS_GT2_8 24243	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.77 2.15 0.00	38.46 1.83 0.00	36.96 1.79 0.00	36.06 1.72 0.00	35.84 1.67 0.00	36.45 1.74 0.00	40.05 1.91 0.00	42.76 1.96 0.00	42.34 1.94 0.00	42.91 1.77 0.00	46.05 1.81 0.00	47.45 1.78 0.00	47.54 1.83 0.00	46.46 1.87 0.00	44.70 1.76 0.00	46.29 1.99 0.00	53.87 2.42 0.00	57.50 2.53 0.00	54.70 2.51 0.00	51.79 2.51 0.00	47.73 2.27 0.00	46.88 2.44 0.00	44.71 2.37 0.00	45.77 2.43 0.00
NCHELSEA_115KV_TR2 355582	43.06 2.44 0.00	38.68 2.05 0.00	37.17 2.00 0.00	36.30 1.96 0.00	36.11 1.95 0.00	36.69 1.98 0.00	40.36 2.21 0.00	43.29 2.49 0.00	43.23 2.83 0.00	43.94 2.80 0.00	47.15 2.92 0.00	48.69 3.01 0.00	48.87 3.15 0.00	47.66 3.08 0.00	45.78 2.83 0.00	47.30 3.01 0.00	55.11 3.65 0.00	58.66 3.68 0.00	55.69 3.50 0.00	52.52 3.25 0.00	48.45 3.00 0.00	47.42 2.98 0.00	45.22 2.88 0.00	46.21 2.86 0.00
NEG CAPITAL____MECHNVIL 23645	43.06 2.44 0.00	38.75 2.12 0.00	37.28 2.11 0.00	36.33 1.99 0.00	36.11 1.95 0.00	36.79 2.08 0.00	40.43 2.29 0.00	43.29 2.49 0.00	42.82 2.42 0.00	43.53 2.39 0.00	46.84 2.61 0.00	48.46 2.79 0.00	48.41 2.70 0.00	47.22 2.63 0.00	45.56 2.62 0.00	46.95 2.66 0.00	54.70 3.24 0.00	58.44 3.47 0.00	55.54 3.34 0.00	52.38 3.11 0.00	48.32 2.87 0.00	47.24 2.80 0.00	45.05 2.71 0.00	46.12 2.78 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.39 -2.23 0.00	34.72 -1.91 0.00	33.27 -1.90 0.00	32.52 -1.82 0.00	32.35 -1.81 0.00	32.94 -1.77 0.00	36.24 -1.91 0.00	38.72 -2.08 0.00	38.22 -2.18 0.00	39.09 -2.06 0.00	42.07 -2.17 0.00	43.34 -2.33 0.00	43.24 -2.47 0.00	42.18 -2.41 0.00	40.80 -2.15 0.00	41.99 -2.31 0.00	48.52 -2.93 0.00	52.17 -2.80 0.00	49.48 -2.72 0.00	46.56 -2.71 0.00	43.00 -2.46 0.00	41.99 -2.44 0.00	39.84 -2.50 0.00	40.92 -2.43 0.00

NEG CENTRAL___DRP 24199	39.85 -0.77 0.00	36.00 -0.62 0.00	34.46 -0.70 0.00	33.69 -0.65 0.00	33.52 -0.65 0.00	34.09 -0.62 0.00	37.53 -0.61 0.00	40.15 -0.65 0.00	39.59 -0.81 0.00	40.40 -0.74 0.00	43.35 -0.88 0.00	44.85 -0.82 0.00	44.80 -0.91 0.00	43.70 -0.89 0.00	42.17 -0.77 0.00	43.49 -0.80 0.00	50.37 -1.08 0.00	54.15 -0.82 0.00	51.41 -0.78 0.00	48.44 -0.84 0.00	44.68 -0.77 0.00	43.59 -0.84 0.00	41.32 -1.02 0.00	42.35 -1.00 0.00
NEG CENTRAL___INDECK 23768	39.24 -1.38 0.00	35.56 -1.06 0.00	34.01 -1.16 0.00	33.27 -1.06 0.00	33.11 -1.06 0.00	33.78 -0.94 0.00	37.23 -0.92 0.00	39.82 -0.98 0.00	39.03 -1.37 0.00	39.66 -1.48 0.00	42.51 -1.73 0.00	43.71 -1.96 0.00	43.52 -2.19 0.00	42.40 -2.18 0.00	41.05 -1.89 0.00	42.47 -1.82 0.00	49.45 -2.01 0.00	53.65 -1.32 0.00	51.09 -1.10 0.00	48.14 -1.13 0.00	44.45 -1.00 0.00	43.28 -1.16 0.00	40.94 -1.40 0.00	42.09 -1.26 0.00
NEG CENTRAL___SENECA 23627	39.57 -1.06 0.00	35.75 -0.88 0.00	34.22 -0.95 0.00	33.45 -0.89 0.00	33.31 -0.85 0.00	33.88 -0.83 0.00	37.30 -0.84 0.00	39.90 -0.90 0.00	39.35 -1.05 0.00	40.20 -0.95 0.00	43.17 -1.06 0.00	44.62 -1.05 0.00	44.57 -1.14 0.00	43.43 -1.16 0.00	42.00 -0.94 0.00	43.27 -1.02 0.00	50.07 -1.39 0.00	53.82 -1.15 0.00	51.10 -1.10 0.00	48.14 -1.13 0.00	44.41 -1.05 0.00	43.33 -1.11 0.00	41.07 -1.27 0.00	42.09 -1.26 0.00
NEG CENTRAL___STATE_STREET 24147	40.22 -0.41 0.00	36.30 -0.33 0.00	34.74 -0.42 0.00	33.96 -0.38 0.00	33.79 -0.38 0.00	34.33 -0.38 0.00	37.84 -0.31 0.00	40.48 -0.33 0.00	39.96 -0.44 0.00	40.69 -0.45 0.00	43.66 -0.58 0.00	45.17 -0.50 0.00	45.12 -0.59 0.00	43.96 -0.62 0.00	42.47 -0.47 0.00	43.85 -0.44 0.00	50.89 -0.57 0.00	54.64 -0.33 0.00	51.88 -0.31 0.00	48.93 -0.34 0.00	45.09 -0.36 0.00	44.04 -0.40 0.00	41.75 -0.59 0.00	42.70 -0.65 0.00
NEG MILLWOOD___DRP 24198	43.14 2.52 0.00	38.75 2.12 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.79 2.08 0.00	40.47 2.33 0.00	43.37 2.57 0.00	43.43 3.03 0.00	44.06 2.92 0.00	47.33 3.10 0.00	48.92 3.24 0.00	49.19 3.47 0.00	47.98 3.39 0.00	45.99 3.05 0.00	47.53 3.23 0.00	55.42 3.96 0.00	58.88 3.90 0.00	55.85 3.65 0.00	52.72 3.45 0.00	48.68 3.23 0.00	47.55 3.11 0.00	45.39 3.05 0.00	46.38 3.03 0.00
NEG NORTH_FLCN_SEA 23793	40.01 -0.61 0.00	36.26 -0.37 0.00	34.92 -0.25 0.00	34.17 -0.17 0.00	33.99 -0.17 0.00	34.40 -0.31 0.00	37.69 -0.46 0.00	40.23 -0.57 0.00	39.71 -0.69 0.00	40.53 -0.62 0.00	43.57 -0.66 0.00	44.85 -0.82 0.00	44.98 -0.73 0.00	43.92 -0.67 0.00	42.34 -0.60 0.00	43.76 -0.53 0.00	50.84 -0.62 0.00	54.15 -0.82 0.00	51.57 -0.63 0.00	48.93 -0.34 0.00	45.23 -0.23 0.00	44.22 -0.22 0.00	42.25 -0.08 0.00	43.35 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	39.69 -0.93 0.00	35.93 -0.70 0.00	34.57 -0.60 0.00	33.82 -0.52 0.00	33.65 -0.51 0.00	34.05 -0.66 0.00	37.30 -0.84 0.00	39.82 -0.98 0.00	39.31 -1.09 0.00	40.03 -1.11 0.00	43.08 -1.15 0.00	44.35 -1.32 0.00	44.43 -1.28 0.00	43.38 -1.20 0.00	41.83 -1.12 0.00	43.23 -1.06 0.00	50.27 -1.18 0.00	53.60 -1.37 0.00	51.04 -1.15 0.00	48.44 -0.84 0.00	44.77 -0.68 0.00	43.77 -0.67 0.00	41.79 -0.55 0.00	42.87 -0.48 0.00
NEG NORTH___ALICE_FALLS 23915	40.09 -0.53 0.00	36.33 -0.29 0.00	34.96 -0.21 0.00	34.20 -0.14 0.00	34.03 -0.14 0.00	34.47 -0.24 0.00	37.76 -0.38 0.00	40.31 -0.49 0.00	39.75 -0.65 0.00	40.57 -0.58 0.00	43.66 -0.58 0.00	44.94 -0.73 0.00	45.03 -0.69 0.00	44.01 -0.58 0.00	42.38 -0.56 0.00	43.85 -0.44 0.00	50.94 -0.51 0.00	54.26 -0.71 0.00	51.72 -0.47 0.00	49.08 -0.20 0.00	45.36 -0.09 0.00	44.35 -0.09 0.00	42.34 0.00 0.00	43.39 0.04 0.00
NEG NORTH___LWR_SARANAC 23913	40.09 -0.53 0.00	36.33 -0.29 0.00	34.96 -0.21 0.00	34.20 -0.14 0.00	34.03 -0.14 0.00	34.47 -0.24 0.00	37.76 -0.38 0.00	40.31 -0.49 0.00	39.75 -0.65 0.00	40.57 -0.58 0.00	43.66 -0.58 0.00	44.94 -0.73 0.00	45.03 -0.69 0.00	44.01 -0.58 0.00	42.38 -0.56 0.00	43.85 -0.44 0.00	50.94 -0.51 0.00	54.26 -0.71 0.00	51.72 -0.47 0.00	49.08 -0.20 0.00	45.36 -0.09 0.00	44.35 -0.09 0.00	42.34 0.00 0.00	43.39 0.04 0.00
NEG NORTH___PLATTSBURG 23628	40.09 -0.53 0.00	36.33 -0.29 0.00	34.96 -0.21 0.00	34.20 -0.14 0.00	34.03 -0.14 0.00	34.47 -0.24 0.00	37.76 -0.38 0.00	40.31 -0.49 0.00	39.75 -0.65 0.00	40.57 -0.58 0.00	43.66 -0.58 0.00	44.94 -0.73 0.00	45.03 -0.68 0.00	44.01 -0.58 0.00	42.38 -0.56 0.00	43.85 -0.44 0.00	50.94 -0.51 0.00	54.26 -0.72 0.00	51.72 -0.47 0.00	49.08 -0.20 0.00	45.36 -0.09 0.00	44.35 -0.09 0.00	42.34 0.00 0.00	43.39 0.04 0.00
NEG WEST_LEA_LOCKPORT 23791	36.84 -3.78 0.00	33.59 -3.04 0.00	32.07 -3.09 0.00	31.46 -2.88 0.00	31.36 -2.80 0.00	31.73 -2.99 0.00	34.82 -3.32 0.00	37.17 -3.63 0.00	36.52 -3.88 0.00	37.28 -3.87 0.00	39.77 -4.47 0.00	40.97 -4.70 0.00	40.73 -4.98 0.00	39.81 -4.77 0.00	38.52 -4.42 0.00	39.55 -4.74 0.00	45.69 -5.76 0.00	49.42 -5.55 0.00	46.76 -5.43 0.00	44.00 -5.27 0.00	40.59 -4.86 0.00	39.73 -4.71 0.00	37.81 -4.53 0.00	39.05 -4.29 0.00
NEG WEST___LANCASTR 23811	37.37 -3.25 0.00	34.06 -2.56 0.00	32.53 -2.64 0.00	31.94 -2.40 0.00	31.84 -2.32 0.00	32.18 -2.53 0.00	35.40 -2.75 0.00	37.86 -2.94 0.00	37.25 -3.15 0.00	37.93 -3.21 0.00	40.39 -3.85 0.00	41.70 -3.97 0.00	41.42 -4.30 0.00	40.44 -4.15 0.00	39.12 -3.82 0.00	40.26 -4.03 0.00	46.62 -4.84 0.00	50.47 -4.51 0.00	47.81 -4.38 0.00	44.89 -4.39 0.00	41.32 -4.14 0.00	40.39 -4.04 0.00	38.40 -3.94 0.00	39.70 -3.64 0.00
NEG_PENN_ALLEGHNY 23528	40.22 -0.41 0.00	36.37 -0.25 0.00	34.81 -0.35 0.00	34.06 -0.28 0.00	33.89 -0.27 0.00	34.40 -0.31 0.00	37.88 -0.27 0.00	40.56 -0.24 0.00	40.12 -0.28 0.00	40.90 -0.25 0.00	43.83 -0.40 0.00	45.31 -0.37 0.00	45.26 -0.46 0.00	44.14 -0.45 0.00	42.55 -0.39 0.00	43.94 -0.36 0.00	50.99 -0.46 0.00	54.70 -0.27 0.00	51.88 -0.31 0.00	48.93 -0.34 0.00	45.09 -0.37 0.00	43.99 -0.44 0.00	41.79 -0.55 0.00	42.83 -0.52 0.00
NEG___GEN_MONROE 24207	38.75 -1.87 0.00	35.20 -1.43 0.00	33.65 -1.51 0.00	32.93 -1.41 0.00	32.80 -1.37 0.00	33.43 -1.28 0.00	36.66 -1.49 0.00	39.09 -1.71 0.00	38.54 -1.86 0.00	39.37 -1.77 0.00	42.20 -2.03 0.00	43.53 -2.15 0.00	43.38 -2.33 0.00	42.31 -2.27 0.00	40.92 -2.02 0.00	42.03 -2.26 0.00	48.57 -2.88 0.00	52.39 -2.58 0.00	49.69 -2.51 0.00	46.76 -2.51 0.00	43.18 -2.27 0.00	42.17 -2.27 0.00	40.18 -2.16 0.00	41.35 -1.99 0.00
NEPA___ENERGY 23901	37.13 -3.49 0.00	33.84 -2.78 0.00	32.35 -2.81 0.00	31.76 -2.58 0.00	31.64 -2.53 0.00	32.00 -2.71 0.00	35.24 -2.90 0.00	37.70 -3.10 0.00	37.05 -3.35 0.00	37.73 -3.41 0.00	40.12 -4.11 0.00	41.42 -4.25 0.00	41.19 -4.53 0.00	40.22 -4.37 0.00	38.86 -4.08 0.00	40.04 -4.25 0.00	46.36 -5.09 0.00	50.41 -4.56 0.00	47.76 -4.44 0.00	44.69 -4.58 0.00	41.18 -4.27 0.00	40.17 -4.27 0.00	38.15 -4.19 0.00	39.40 -3.94 0.00

NEVERSINK___HYD 23608	42.98 2.36 0.00	38.60 1.98 0.00	37.10 1.93 0.00	36.26 1.92 0.00	36.08 1.91 0.00	36.62 1.91 0.00	40.32 2.17 0.00	43.17 2.37 0.00	43.11 2.71 0.00	43.78 2.64 0.00	46.93 2.70 0.00	48.37 2.69 0.00	48.55 2.84 0.00	47.35 2.77 0.00	45.52 2.58 0.00	47.08 2.79 0.00	54.85 3.40 0.00	58.49 3.52 0.00	55.48 3.29 0.00	52.43 3.16 0.00	48.37 2.91 0.00	47.33 2.89 0.00	45.13 2.79 0.00	46.08 2.73 0.00
NEWKRMKL_115KV_TB1 55635	42.17 1.54 0.00	37.94 1.32 0.00	36.47 1.30 0.00	35.54 1.20 0.00	35.36 1.20 0.00	35.96 1.25 0.00	39.56 1.41 0.00	42.31 1.51 0.00	42.02 1.62 0.00	42.71 1.56 0.00	46.05 1.81 0.00	47.59 1.92 0.00	47.63 1.92 0.00	46.46 1.87 0.00	44.70 1.76 0.00	46.06 1.77 0.00	53.51 2.06 0.00	57.01 2.03 0.00	54.18 1.98 0.00	51.19 1.92 0.00	47.18 1.73 0.00	46.26 1.82 0.00	44.08 1.74 0.00	45.12 1.78 0.00
NEWTON___FALLS_HYD 23847	40.34 -0.28 0.00	36.44 -0.18 0.00	34.99 -0.18 0.00	34.13 -0.21 0.00	33.99 -0.17 0.00	34.37 -0.35 0.00	37.34 -0.80 0.00	39.90 -0.90 0.00	39.47 -0.93 0.00	40.40 -0.74 0.00	43.79 -0.44 0.00	45.08 -0.59 0.00	45.07 -0.64 0.00	44.01 -0.58 0.00	42.43 -0.52 0.00	43.67 -0.62 0.00	50.37 -1.08 0.00	53.71 -1.26 0.00	50.99 -1.20 0.00	48.34 -0.94 0.00	44.77 -0.68 0.00	43.99 -0.44 0.00	41.87 -0.47 0.00	42.87 -0.48 0.00
NGRID_A1_DSASP 323792	36.28 -4.35 0.00	33.04 -3.59 0.00	31.58 -3.59 0.00	30.97 -3.37 0.00	30.88 -3.28 0.00	31.28 -3.44 0.00	34.31 -3.81 0.02	36.58 -4.20 0.02	35.94 -4.44 0.02	36.70 -4.44 0.00	39.15 -5.09 0.00	40.33 -5.34 0.00	40.09 -5.62 0.00	39.17 -5.40 0.02	37.92 -5.02 0.00	38.89 -5.40 0.00	44.87 -6.59 0.00	48.54 -6.43 0.00	45.88 -6.32 0.00	43.16 -6.11 0.00	39.86 -5.59 0.00	39.02 -5.42 0.00	37.17 -5.17 0.00	38.45 -4.90 0.00
NGRID_A2_DSASP 323793	36.28 -4.35 0.00	33.04 -3.59 0.00	31.58 -3.59 0.00	30.97 -3.37 0.00	30.88 -3.28 0.00	31.28 -3.44 0.00	34.31 -3.81 0.02	36.58 -4.20 0.02	35.94 -4.44 0.02	36.70 -4.44 0.00	39.15 -5.09 0.00	40.33 -5.34 0.00	40.09 -5.62 0.00	39.17 -5.40 0.02	37.92 -5.02 0.00	38.89 -5.40 0.00	44.87 -6.59 0.00	48.54 -6.43 0.00	45.88 -6.32 0.00	43.16 -6.11 0.00	39.86 -5.59 0.00	39.02 -5.42 0.00	37.17 -5.17 0.00	38.45 -4.90 0.00
NGRID_A4_DSASP 323807	36.28 -4.35 0.00	33.04 -3.59 0.00	31.58 -3.59 0.00	30.97 -3.37 0.00	30.88 -3.28 0.00	31.28 -3.44 0.00	34.31 -3.81 0.02	36.58 -4.20 0.02	35.94 -4.44 0.02	36.70 -4.44 0.00	39.15 -5.09 0.00	40.33 -5.34 0.00	40.09 -5.62 0.00	39.17 -5.40 0.02	37.92 -5.02 0.00	38.89 -5.40 0.00	44.87 -6.59 0.00	48.54 -6.43 0.00	45.88 -6.32 0.00	43.16 -6.11 0.00	39.86 -5.59 0.00	39.02 -5.42 0.00	37.17 -5.17 0.00	38.45 -4.90 0.00
NIAGARA_115E_LBMP 323715	36.40 -4.23 0.00	33.15 -3.48 0.00	31.72 -3.44 0.00	31.11 -3.23 0.00	30.99 -3.18 0.00	31.35 -3.37 0.00	34.33 -3.81 0.00	36.64 -4.16 0.00	36.00 -4.40 0.00	36.74 -4.40 0.00	39.37 -4.87 0.00	40.38 -5.30 0.00	40.13 -5.58 0.00	39.28 -5.31 0.00	38.01 -4.94 0.00	38.93 -5.36 0.00	44.92 -6.54 0.00	48.60 -6.38 0.00	46.03 -6.16 0.00	43.26 -6.01 0.00	39.95 -5.50 0.00	39.10 -5.33 0.00	37.21 -5.12 0.00	38.58 -4.77 0.00
NIAGARA_115W_LBMP 323714	36.23 -4.39 0.00	32.96 -3.66 0.00	31.58 -3.59 0.00	30.94 -3.40 0.00	30.82 -3.35 0.00	31.21 -3.50 0.00	34.23 -3.89 0.02	36.54 -4.24 0.02	35.86 -4.52 0.02	36.62 -4.53 0.00	39.28 -4.95 0.00	40.24 -5.44 0.00	40.04 -5.67 0.00	39.13 -5.44 0.02	37.87 -5.07 0.00	38.80 -5.49 0.00	44.77 -6.69 0.00	48.43 -6.54 0.00	45.82 -6.37 0.00	43.06 -6.21 0.00	39.77 -5.68 0.00	38.97 -5.47 0.00	37.09 -5.25 0.00	38.45 -4.90 0.00
NIAGARA_230_LBMP 323716	36.85 -3.78 0.00	33.51 -3.11 0.00	32.11 -3.06 0.00	31.46 -2.88 0.00	31.33 -2.84 0.00	31.73 -2.99 0.00	34.83 -3.32 0.00	37.17 -3.63 0.00	36.52 -3.88 0.00	37.23 -3.91 0.00	39.94 -4.29 0.00	40.97 -4.70 0.00	40.73 -4.98 0.00	39.86 -4.73 0.00	38.56 -4.38 0.00	39.51 -4.78 0.00	45.59 -5.87 0.00	49.31 -5.66 0.00	46.66 -5.53 0.00	43.85 -5.42 0.00	40.54 -4.91 0.00	39.68 -4.75 0.00	37.77 -4.57 0.00	39.10 -4.25 0.00
NIAGARA___115KV_198_GIBSON 55903	36.19 -4.43 0.00	32.96 -3.66 0.00	31.51 -3.66 0.00	30.91 -3.43 0.00	30.82 -3.35 0.00	31.21 -3.51 0.00	34.23 -3.89 0.02	36.54 -4.24 0.02	35.86 -4.52 0.02	36.62 -4.53 0.00	39.06 -5.18 0.00	40.24 -5.44 0.00	40.00 -5.71 0.00	39.08 -5.48 0.02	37.83 -5.11 0.00	38.80 -5.49 0.00	44.77 -6.69 0.00	48.43 -6.54 0.00	45.83 -6.37 0.00	43.06 -6.21 0.00	39.77 -5.68 0.00	38.97 -5.47 0.00	37.09 -5.25 0.00	38.36 -4.98 0.00
NIAGARA____ 23760	36.85 -3.78 0.00	33.51 -3.11 0.00	32.11 -3.06 0.00	31.46 -2.88 0.00	31.33 -2.84 0.00	31.73 -2.99 0.00	34.82 -3.32 0.01	37.16 -3.63 0.01	36.51 -3.88 0.01	37.23 -3.91 0.00	39.94 -4.29 0.00	40.97 -4.70 0.00	40.73 -4.98 0.00	39.85 -4.73 0.01	38.56 -4.38 0.00	39.51 -4.78 0.00	45.59 -5.87 0.00	49.31 -5.66 0.00	46.66 -5.53 0.00	43.85 -5.42 0.00	40.54 -4.91 0.00	39.68 -4.75 0.00	37.77 -4.57 0.00	39.10 -4.25 0.00
NINE_MILE_1 23575	39.32 -1.30 0.00	35.49 -1.14 0.00	34.04 -1.13 0.00	33.24 -1.10 0.00	33.07 -1.09 0.00	33.60 -1.11 0.00	36.96 -1.18 0.00	39.49 -1.31 0.00	38.95 -1.45 0.00	39.66 -1.48 0.00	42.55 -1.68 0.00	43.94 -1.74 0.00	43.93 -1.78 0.00	42.85 -1.74 0.00	41.31 -1.63 0.00	42.65 -1.64 0.00	49.45 -2.01 0.00	53.00 -1.98 0.00	50.26 -1.93 0.00	47.45 -1.82 0.00	43.73 -1.73 0.00	42.75 -1.69 0.00	40.69 -1.65 0.00	41.61 -1.74 0.00
NINE_MILE_2 23744	39.32 -1.30 0.00	35.49 -1.14 0.00	34.04 -1.13 0.00	33.24 -1.10 0.00	33.07 -1.09 0.00	33.60 -1.11 0.00	36.96 -1.18 0.00	39.49 -1.31 0.00	38.95 -1.45 0.00	39.66 -1.48 0.00	42.55 -1.68 0.00	43.94 -1.74 0.00	43.93 -1.78 0.00	42.85 -1.74 0.00	41.31 -1.63 0.00	42.65 -1.64 0.00	49.45 -2.01 0.00	53.00 -1.98 0.00	50.26 -1.93 0.00	47.45 -1.82 0.00	43.73 -1.73 0.00	42.75 -1.69 0.00	40.69 -1.65 0.00	41.61 -1.74 0.00
NM_CAPITAL___DRP 24208	42.17 1.54 0.00	37.94 1.32 0.00	36.47 1.30 0.00	35.58 1.24 0.00	35.39 1.23 0.00	36.00 1.28 0.00	39.56 1.41 0.00	42.31 1.51 0.00	42.02 1.62 0.00	42.75 1.60 0.00	46.09 1.86 0.00	47.64 1.96 0.00	47.68 1.97 0.00	46.50 1.92 0.00	44.75 1.80 0.00	46.11 1.82 0.00	53.51 2.06 0.00	57.06 2.09 0.00	54.18 1.98 0.00	51.24 1.97 0.00	47.23 1.77 0.00	46.26 1.82 0.00	44.12 1.78 0.00	45.17 1.82 0.00
NM_CENTRAL___DRP 24181	40.01 -0.61 0.00	36.11 -0.51 0.00	34.60 -0.56 0.00	33.79 -0.55 0.00	33.65 -0.51 0.00	34.16 -0.56 0.00	37.61 -0.53 0.00	40.23 -0.57 0.00	39.71 -0.69 0.00	40.48 -0.66 0.00	43.44 -0.80 0.00	44.94 -0.73 0.00	44.94 -0.78 0.00	43.83 -0.76 0.00	42.25 -0.69 0.00	43.58 -0.71 0.00	50.53 -0.93 0.00	54.15 -0.82 0.00	51.36 -0.84 0.00	48.44 -0.84 0.00	44.68 -0.77 0.00	43.64 -0.80 0.00	41.45 -0.89 0.00	42.39 -0.95 0.00

NM_FRONTIER___DRP 24179	36.19 -4.43 0.00	32.96 -3.66 0.00	31.51 -3.66 0.00	30.91 -3.43 0.00	30.82 -3.35 0.00	31.21 -3.51 0.00	34.23 -3.89 0.02	36.54 -4.24 0.02	35.86 -4.52 0.02	36.62 -4.53 0.00	39.06 -5.18 0.00	40.24 -5.44 0.00	40.00 -5.71 0.00	39.08 -5.48 0.02	37.83 -5.11 0.00	38.80 -5.49 0.00	44.77 -6.69 0.00	48.43 -6.54 0.00	45.83 -6.37 0.00	43.06 -6.21 0.00	39.77 -5.68 0.00	38.97 -5.47 0.00	37.09 -5.25 0.00	38.36 -4.98 0.00
NM_ST_REGIS___HYD 24053	40.30 -0.32 0.00	36.48 -0.15 0.00	35.06 -0.11 0.00	34.24 -0.10 0.00	34.10 -0.07 0.00	34.43 -0.28 0.00	37.50 -0.65 0.00	40.11 -0.69 0.00	39.59 -0.81 0.00	40.61 -0.53 0.00	43.84 -0.40 0.00	45.12 -0.55 0.00	45.21 -0.50 0.00	44.14 -0.45 0.00	42.51 -0.43 0.00	43.72 -0.58 0.00	50.58 -0.87 0.00	53.71 -1.26 0.00	51.15 -1.04 0.00	48.48 -0.79 0.00	44.86 -0.59 0.00	43.86 -0.58 0.00	41.92 -0.42 0.00	43.04 -0.30 0.00
NORTHPORT___1 23551	43.59 2.96 0.00	38.97 2.35 0.00	37.38 2.22 0.00	36.47 2.13 0.00	36.38 2.22 0.00	37.21 2.50 0.00	41.24 3.09 -0.01	44.24 3.43 -0.01	44.21 3.80 -0.01	44.76 3.62 0.00	48.00 3.76 -0.01	49.47 3.79 -0.01	53.55 3.84 -4.00	59.14 3.70 -10.85	64.79 3.52 -18.33	66.25 3.76 -18.19	74.48 4.84 -18.19	72.94 5.23 -12.74	69.98 4.75 -13.03	67.60 4.34 -13.99	65.20 3.86 -15.88	60.11 3.64 -12.03	48.04 3.56 -2.15	46.82 3.47 -0.01
NORTHPORT___2 23552	43.59 2.96 0.00	38.97 2.35 0.00	37.38 2.22 0.00	36.47 2.13 0.00	36.38 2.22 0.00	37.21 2.50 0.00	41.24 3.09 -0.01	44.24 3.43 -0.01	44.21 3.80 -0.01	44.76 3.62 0.00	48.00 3.76 -0.01	49.47 3.79 -0.01	53.55 3.84 -4.00	59.14 3.70 -10.85	64.79 3.52 -18.33	66.25 3.76 -18.19	74.48 4.84 -18.19	72.94 5.23 -12.74	69.98 4.75 -13.03	67.60 4.34 -13.99	65.20 3.86 -15.88	60.11 3.64 -12.03	48.04 3.56 -2.15	46.82 3.47 -0.01
NORTHPORT___3 23553	43.51 2.88 0.00	38.86 2.23 0.00	37.28 2.11 0.00	36.37 2.03 0.00	36.28 2.12 0.00	37.11 2.39 0.00	41.09 2.94 -0.01	44.11 3.30 -0.01	44.09 3.68 -0.01	44.68 3.54 0.00	47.87 3.63 -0.01	49.38 3.70 -0.01	53.42 3.70 -4.01	59.04 3.57 -10.88	64.72 3.39 -18.38	66.21 3.67 -18.24	74.38 4.68 -18.25	72.80 5.05 -12.77	69.86 4.59 -13.07	67.49 4.19 -14.03	65.11 3.73 -15.92	60.01 3.51 -12.06	47.92 3.43 -2.15	46.69 3.34 -0.01
NORTHPORT___4 23650	43.51 2.88 0.00	38.86 2.23 0.00	37.28 2.11 0.00	36.37 2.03 0.00	36.28 2.12 0.00	37.11 2.39 0.00	41.09 2.94 -0.01	44.11 3.30 -0.01	44.09 3.68 -0.01	44.68 3.54 0.00	47.87 3.63 -0.01	49.38 3.70 -0.01	53.42 3.70 -4.01	59.04 3.57 -10.88	64.72 3.39 -18.38	66.21 3.67 -18.24	74.38 4.68 -18.25	72.80 5.05 -12.77	69.86 4.59 -13.07	67.49 4.19 -14.03	65.11 3.73 -15.92	60.01 3.51 -12.06	47.92 3.43 -2.15	46.69 3.34 -0.01
NORTHPORT___IC 23718	43.71 3.09 0.00	38.97 2.34 0.00	37.56 2.39 0.00	36.57 2.23 0.00	36.39 2.22 0.00	37.21 2.50 0.00	41.24 3.09 -0.01	44.24 3.43 -0.01	44.21 3.80 -0.01	44.76 3.62 0.00	48.05 3.80 -0.01	49.52 3.84 -0.01	53.55 3.84 -4.00	59.14 3.70 -10.85	64.79 3.52 -18.33	66.25 3.76 -18.19	74.49 4.84 -18.19	72.93 5.22 -12.74	69.98 4.75 -13.03	67.60 4.34 -13.99	65.15 3.82 -15.88	60.11 3.64 -12.03	48.04 3.56 -2.15	46.91 3.55 -0.01
NORTH___COUNTRY_ESR 323785	39.61 -1.01 0.00	35.86 -0.77 0.00	34.50 -0.67 0.00	33.76 -0.58 0.00	33.58 -0.58 0.00	33.98 -0.73 0.00	37.23 -0.92 0.00	39.74 -1.06 0.00	39.23 -1.17 0.00	40.03 -1.11 0.00	43.04 -1.19 0.00	44.35 -1.33 0.00	44.43 -1.28 0.00	43.39 -1.20 0.00	41.83 -1.12 0.00	43.19 -1.11 0.00	50.17 -1.28 0.00	53.49 -1.48 0.00	50.94 -1.25 0.00	48.29 -0.99 0.00	44.64 -0.82 0.00	43.64 -0.80 0.00	41.71 -0.63 0.00	42.78 -0.56 0.00
NPX_GEN_1385_PROXY 323591	43.83 3.21 0.00	39.19 2.56 0.00	37.52 2.36 0.00	36.71 2.37 0.00	36.80 2.63 0.00	37.97 3.26 0.00	54.67 3.93 -12.60	62.12 4.32 -17.00	57.60 4.72 -12.48	45.22 4.07 0.00	48.53 4.29 -0.01	49.74 4.06 -0.01	53.55 3.84 -4.00	59.01 3.57 -10.85	64.45 3.18 -18.33	66.20 3.72 -18.19	75.00 5.35 -18.19	73.92 6.21 -12.74	70.55 5.33 -13.03	67.85 4.58 -13.99	65.47 4.14 -15.88	60.20 3.73 -12.03	48.34 3.85 -2.15	47.12 3.77 -0.01
NPX_GEN_CSC 323557	43.91 3.29 0.00	39.26 2.64 0.00	37.63 2.46 0.00	36.68 2.34 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.43 3.28 -0.01	44.36 3.55 -0.01	44.37 3.96 -0.01	44.97 3.83 0.00	48.27 4.02 -0.01	49.74 4.06 -0.01	53.92 4.16 -4.04	59.62 4.06 -10.97	65.47 3.99 -18.53	67.03 4.34 -18.39	75.30 5.45 -18.39	73.73 5.88 -12.88	70.80 5.43 -13.18	68.39 4.97 -14.15	65.92 4.41 -16.05	60.73 4.13 -12.16	48.45 3.94 -2.17	47.34 3.99 -0.01
NSINS_S_GLNS_FALLS 23858	43.67 3.05 0.00	39.30 2.67 0.00	37.84 2.67 0.00	36.81 2.47 0.00	36.59 2.43 0.00	37.32 2.60 0.00	41.04 2.90 0.00	43.94 3.14 0.00	43.39 2.99 0.00	44.02 2.88 0.00	47.42 3.18 0.00	49.01 3.33 0.00	48.96 3.25 0.00	47.66 3.08 0.00	45.99 3.05 0.00	47.39 3.10 0.00	55.31 3.86 0.00	59.10 4.12 0.00	56.26 4.07 0.00	53.02 3.74 0.00	49.00 3.55 0.00	47.90 3.47 0.00	45.68 3.34 0.00	46.77 3.42 0.00
NUCOR_STEEL___DRP 24197	40.34 -0.28 0.00	36.41 -0.22 0.00	34.85 -0.32 0.00	34.06 -0.27 0.00	33.89 -0.27 0.00	34.43 -0.28 0.00	37.92 -0.23 0.00	40.56 -0.24 0.00	40.00 -0.40 0.00	40.81 -0.33 0.00	43.75 -0.49 0.00	45.26 -0.41 0.00	45.26 -0.46 0.00	44.10 -0.49 0.00	42.56 -0.39 0.00	43.94 -0.35 0.00	50.94 -0.51 0.00	54.70 -0.27 0.00	51.93 -0.26 0.00	48.98 -0.30 0.00	45.18 -0.27 0.00	44.13 -0.31 0.00	41.83 -0.51 0.00	42.83 -0.52 0.00
NUMBER_THREE_WT_PWR 323818	40.62 0.00 0.00	36.70 0.07 0.00	35.17 0.00 0.00	34.31 -0.03 0.00	34.13 -0.03 0.00	34.57 -0.14 0.00	37.84 -0.31 0.00	40.43 -0.37 0.00	40.04 -0.36 0.00	40.86 -0.29 0.00	44.15 -0.09 0.00	45.40 -0.27 0.00	45.35 -0.37 0.00	44.28 -0.31 0.00	42.69 -0.26 0.00	44.07 -0.22 0.00	51.15 -0.31 0.00	54.75 -0.22 0.00	51.93 -0.26 0.00	49.13 -0.15 0.00	45.50 0.05 0.00	44.53 0.09 0.00	42.25 -0.08 0.00	43.17 -0.17 0.00
NYISO_LBMP_REFERENCE 24008	40.62 0.00 0.00	36.63 0.00 0.00	35.17 0.00 0.00	34.34 0.00 0.00	34.16 0.00 0.00	34.71 0.00 0.00	38.14 0.00 0.00	40.80 0.00 0.00	40.40 0.00 0.00	41.14 0.00 0.00	44.23 0.00 0.00	45.67 0.00 0.00	45.71 0.00 0.00	44.59 0.00 0.00	42.94 0.00 0.00	44.29 0.00 0.00	51.45 0.00 0.00	54.97 0.00 0.00	52.19 0.00 0.00	49.27 0.00 0.00	45.45 0.00 0.00	44.44 0.00 0.00	42.34 0.00 0.00	43.35 0.00 0.00
NYPA_BRENTWD____GT 24164	44.12 3.49 0.00	39.41 2.78 0.00	37.80 2.64 0.00	36.85 2.51 0.00	36.73 2.56 0.00	37.59 2.88 0.00	41.70 3.55 -0.01	44.73 3.92 -0.01	44.65 4.24 -0.01	45.26 4.11 0.00	48.53 4.29 -0.01	50.11 4.43 -0.01	54.34 4.48 -4.14	60.16 4.32 -11.25	66.15 4.21 -19.00	67.66 4.52 -18.85	76.02 5.71 -18.86	74.27 6.10 -13.20	71.23 5.53 -13.51	68.90 5.12 -14.50	66.50 4.59 -16.46	61.21 4.31 -12.47	48.72 4.15 -2.23	47.43 4.07 -0.01

NYPA_GOWANUS____GT5 24156	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NYPA_GOWANUS____GT6 24157	43.35 2.72 -0.01	38.94 2.31 -0.01	37.43 2.25 -0.01	36.51 2.16 -0.01	36.33 2.15 -0.01	36.94 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.48 3.07 -0.01	44.24 3.09 -0.01	47.60 3.36 -0.01	49.25 3.56 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.22 3.26 -0.02	47.71 3.41 -0.01	55.68 4.22 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	48.95 3.50 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
NYPA_HARLEM__RVR__GT1 24160	43.72 3.09 -0.01	39.27 2.64 -0.01	37.74 2.57 -0.01	36.85 2.51 -0.01	36.67 2.49 -0.01	37.28 2.57 0.00	40.89 2.75 0.00	43.70 2.90 0.00	43.56 3.15 -0.01	44.28 3.13 -0.01	47.59 3.36 0.00	49.24 3.56 0.00	49.32 3.61 0.00	48.07 3.48 0.00	46.26 3.31 -0.01	47.66 3.36 0.00	55.62 4.17 0.00	59.32 4.34 0.00	56.26 4.07 0.01	52.96 3.70 0.01	48.81 3.36 0.01	47.68 3.24 0.00	45.82 3.47 -0.01	46.86 3.51 -0.01
NYPA_HARLEM__RVR__GT2 24161	43.72 3.09 -0.01	39.27 2.64 -0.01	37.74 2.57 -0.01	36.85 2.51 -0.01	36.67 2.49 -0.01	37.28 2.57 0.00	40.89 2.75 0.00	43.70 2.90 0.00	43.56 3.15 -0.01	44.28 3.13 -0.01	47.59 3.36 0.00	49.24 3.56 0.00	49.32 3.61 0.00	48.07 3.48 0.00	46.26 3.31 -0.01	47.66 3.36 0.00	55.62 4.17 0.00	59.32 4.34 0.00	56.26 4.07 0.01	52.96 3.70 0.01	48.81 3.36 0.01	47.68 3.24 0.00	45.82 3.47 -0.01	46.86 3.51 -0.01
NYPA_KENT____GT 24152	43.39 2.76 -0.01	38.98 2.35 -0.01	37.46 2.28 -0.01	36.58 2.23 -0.01	36.39 2.22 -0.01	37.00 2.29 0.00	40.66 2.52 0.00	43.58 2.78 0.00	43.60 3.19 -0.01	44.32 3.17 -0.01	47.69 3.45 -0.01	49.34 3.66 -0.01	49.42 3.70 -0.01	48.16 3.57 -0.01	46.31 3.35 -0.02	47.76 3.46 -0.01	55.73 4.27 -0.01	59.49 4.51 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	49.00 3.55 0.00	47.77 3.33 0.00	45.69 3.34 -0.01	46.65 3.29 -0.01
NYPA_POUCH1____GT 24155	43.27 2.64 -0.01	38.83 2.20 -0.01	37.32 2.15 -0.01	36.44 2.09 -0.01	36.26 2.08 -0.01	36.87 2.15 0.00	40.47 2.33 0.00	43.37 2.57 0.00	43.36 2.95 -0.01	44.07 2.92 -0.01	47.43 3.19 -0.01	49.11 3.43 -0.01	49.19 3.47 -0.01	47.94 3.35 -0.01	46.09 3.13 -0.02	47.58 3.28 -0.01	55.53 4.06 -0.01	59.27 4.29 -0.01	56.21 4.02 0.00	53.02 3.74 0.00	48.87 3.41 0.00	47.68 3.24 0.00	45.61 3.26 -0.01	46.56 3.21 -0.01
NYPA_VERNON____GT2 24162	43.43 2.80 -0.01	39.01 2.38 -0.01	37.50 2.32 -0.01	36.61 2.27 -0.01	36.43 2.25 -0.01	37.04 2.33 0.00	40.70 2.56 0.00	43.66 2.86 0.00	43.68 3.27 -0.01	44.40 3.25 -0.01	47.78 3.54 -0.01	49.38 3.70 -0.01	49.51 3.79 -0.01	48.21 3.61 -0.01	46.35 3.39 -0.02	47.80 3.50 -0.01	55.79 4.32 -0.01	59.54 4.56 -0.01	56.42 4.23 0.00	53.16 3.89 0.00	49.04 3.59 0.00	47.81 3.38 0.00	45.69 3.34 -0.01	46.69 3.34 -0.01
NYPA_VERNON____GT3 24163	43.43 2.80 -0.01	39.01 2.38 -0.01	37.50 2.32 -0.01	36.61 2.27 -0.01	36.43 2.25 -0.01	37.04 2.33 0.00	40.70 2.56 0.00	43.66 2.86 0.00	43.68 3.27 -0.01	44.40 3.25 -0.01	47.78 3.54 -0.01	49.38 3.70 -0.01	49.51 3.79 -0.01	48.21 3.61 -0.01	46.35 3.39 -0.02	47.80 3.50 -0.01	55.79 4.32 -0.01	59.54 4.56 -0.01	56.42 4.23 0.00	53.16 3.89 0.00	49.04 3.59 0.00	47.81 3.38 0.00	45.69 3.34 -0.01	46.69 3.34 -0.01
NYPA____ASTORIA_CC1 323568	43.47 2.84 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.46 2.29 -0.01	37.07 2.36 0.00	40.74 2.60 0.00	43.66 2.86 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.74 3.49 -0.01	49.38 3.70 -0.01	49.47 3.75 -0.01	48.21 3.61 -0.01	46.35 3.39 -0.02	47.80 3.50 -0.01	55.79 4.32 -0.01	59.49 4.51 -0.01	56.42 4.23 0.00	53.16 3.89 0.00	49.00 3.55 0.00	47.81 3.38 0.00	45.69 3.34 -0.01	46.69 3.34 -0.01
NYPA____ASTORIA_CC2 323569	43.47 2.84 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.46 2.29 -0.01	37.07 2.36 0.00	40.74 2.60 0.00	43.66 2.86 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.74 3.49 -0.01	49.38 3.70 -0.01	49.47 3.75 -0.01	48.21 3.61 -0.01	46.35 3.39 -0.02	47.80 3.50 -0.01	55.79 4.32 -0.01	59.49 4.51 -0.01	56.42 4.23 0.00	53.16 3.89 0.00	49.00 3.55 0.00	47.81 3.38 0.00	45.69 3.34 -0.01	46.69 3.34 -0.01
NYPA____HOLTSVILL 23794	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.54 2.20 0.00	36.42 2.25 0.00	37.24 2.53 0.00	41.28 3.13 -0.01	44.24 3.43 -0.01	44.25 3.84 -0.01	44.85 3.70 0.00	48.09 3.85 -0.01	49.56 3.88 -0.01	53.72 3.98 -4.03	59.38 3.84 -10.95	65.13 3.69 -18.50	66.68 4.03 -18.36	74.91 5.10 -18.36	73.27 5.44 -12.85	70.36 5.01 -13.16	67.98 4.58 -14.12	65.57 4.09 -16.03	60.40 3.82 -12.14	48.19 3.68 -2.17	47.00 3.64 -0.01
NYPA____HELLGATE_GT1 24158	43.72 3.09 -0.01	39.27 2.64 -0.01	37.74 2.57 -0.01	36.85 2.51 -0.01	36.67 2.49 -0.01	37.28 2.57 0.00	40.89 2.75 0.00	43.70 2.90 0.00	43.56 3.15 -0.01	44.28 3.13 -0.01	47.59 3.36 0.00	49.24 3.56 0.00	49.32 3.61 0.00	48.07 3.48 0.00	46.26 3.31 -0.01	47.66 3.36 0.00	55.62 4.17 0.00	59.32 4.34 0.00	56.26 4.07 0.01	52.96 3.70 0.01	48.81 3.36 0.01	47.68 3.24 0.00	45.82 3.47 -0.01	46.86 3.51 -0.01
NYPA____HELLGATE_GT2 24159	43.72 3.09 -0.01	39.27 2.64 -0.01	37.74 2.57 -0.01	36.85 2.51 -0.01	36.67 2.49 -0.01	37.28 2.57 0.00	40.89 2.75 0.00	43.70 2.90 0.00	43.56 3.15 -0.01	44.28 3.13 -0.01	47.59 3.36 0.00	49.24 3.56 0.00	49.32 3.61 0.00	48.07 3.48 0.00	46.26 3.31 -0.01	47.66 3.36 0.00	55.62 4.17 0.00	59.32 4.34 0.00	56.26 4.07 0.01	52.96 3.70 0.01	48.81 3.36 0.01	47.68 3.24 0.00	45.82 3.47 -0.01	46.86 3.51 -0.01
NYS_BARGE____HYD 23848	36.89 -3.74 0.00	33.59 -3.04 0.00	32.14 -3.02 0.00	31.49 -2.85 0.00	31.36 -2.80 0.00	31.76 -2.95 0.00	34.82 -3.32 0.00	37.17 -3.63 0.00	36.52 -3.88 0.00	37.27 -3.87 0.00	39.99 -4.25 0.00	41.01 -4.66 0.00	40.73 -4.98 0.00	39.86 -4.73 0.00	38.56 -4.38 0.00	39.55 -4.74 0.00	45.69 -5.76 0.00	49.42 -5.55 0.00	46.82 -5.37 0.00	44.00 -5.27 0.00	40.64 -4.82 0.00	39.73 -4.71 0.00	37.81 -4.53 0.00	39.14 -4.20 0.00
OAK ORCHARD____HYD 24046	38.75 -1.87 0.00	35.09 -1.54 0.00	33.62 -1.55 0.00	32.86 -1.48 0.00	32.73 -1.43 0.00	33.32 -1.39 0.00	36.62 -1.53 0.00	39.13 -1.67 0.00	38.54 -1.86 0.00	39.42 -1.73 0.00	42.42 -1.82 0.00	43.62 -2.05 0.00	43.47 -2.24 0.00	42.49 -2.09 0.00	41.10 -1.85 0.00	42.26 -2.04 0.00	48.83 -2.62 0.00	52.56 -2.42 0.00	49.85 -2.35 0.00	46.91 -2.36 0.00	43.32 -2.14 0.00	42.31 -2.13 0.00	40.18 -2.16 0.00	41.31 -2.04 0.00

OAKDALE___35_KV_LOAD 356122	40.09 -0.53 0.00	36.22 -0.40 0.00	34.71 -0.46 0.00	33.96 -0.38 0.00	33.79 -0.38 0.00	34.30 -0.42 0.00	37.76 -0.38 0.00	40.43 -0.37 0.00	40.00 -0.40 0.00	40.73 -0.41 0.00	43.66 -0.58 0.00	45.08 -0.59 0.00	45.07 -0.64 0.00	43.96 -0.62 0.00	42.38 -0.56 0.00	43.72 -0.58 0.00	50.79 -0.67 0.00	54.48 -0.49 0.00	51.67 -0.52 0.00	48.73 -0.54 0.00	44.91 -0.55 0.00	43.82 -0.62 0.00	41.66 -0.68 0.00	42.70 -0.65 0.00
OCC_CHEM___DRP 24175	36.28 -4.35 0.00	33.04 -3.59 0.00	31.58 -3.59 0.00	30.97 -3.37 0.00	30.88 -3.28 0.00	31.28 -3.44 0.00	34.31 -3.81 0.02	36.58 -4.20 0.02	35.94 -4.44 0.02	36.70 -4.44 0.00	39.15 -5.09 0.00	40.33 -5.34 0.00	40.09 -5.62 0.00	39.17 -5.40 0.02	37.92 -5.02 0.00	38.89 -5.40 0.00	44.87 -6.59 0.00	48.54 -6.43 0.00	45.88 -6.32 0.00	43.16 -6.11 0.00	39.86 -5.59 0.00	39.02 -5.42 0.00	37.17 -5.17 0.00	38.45 -4.90 0.00
OH_GEN_PROXY 24063	36.93 -3.70 0.00	33.59 -3.04 0.00	32.14 -3.02 0.00	31.52 -2.82 0.00	31.36 -2.80 0.00	31.80 -2.92 0.00	34.90 -3.24 0.00	37.29 -3.51 0.00	36.65 -3.76 0.00	37.36 -3.78 0.00	40.07 -4.16 0.00	41.11 -4.57 0.00	40.87 -4.85 0.00	40.00 -4.59 0.00	38.65 -4.29 0.00	39.64 -4.65 0.00	45.79 -5.66 0.00	49.48 -5.50 0.00	46.87 -5.32 0.00	44.05 -5.22 0.00	40.68 -4.77 0.00	39.82 -4.62 0.00	37.85 -4.49 0.00	39.18 -4.16 0.00
OLIN_CORP_DRP 24177	36.44 -4.18 0.00	33.22 -3.41 0.00	31.75 -3.41 0.00	31.15 -3.19 0.00	31.06 -3.11 0.00	31.41 -3.30 0.00	34.41 -3.74 0.00	36.72 -4.08 0.00	36.08 -4.32 0.00	36.82 -4.32 0.00	39.28 -4.95 0.00	40.47 -5.21 0.00	40.23 -5.49 0.00	39.33 -5.26 0.00	38.05 -4.90 0.00	39.07 -5.23 0.00	45.07 -6.38 0.00	48.76 -6.21 0.00	46.14 -6.05 0.00	43.36 -5.91 0.00	40.05 -5.41 0.00	39.19 -5.24 0.00	37.30 -5.04 0.00	38.58 -4.77 0.00
OLIN_CORP_DSASP 323712	36.28 -4.35 0.00	33.04 -3.59 0.00	31.58 -3.59 0.00	30.97 -3.37 0.00	30.88 -3.28 0.00	31.28 -3.44 0.00	34.31 -3.81 0.02	36.58 -4.20 0.02	35.94 -4.44 0.02	36.70 -4.44 0.00	39.15 -5.09 0.00	40.33 -5.34 0.00	40.09 -5.62 0.00	39.17 -5.40 0.02	37.92 -5.02 0.00	38.89 -5.40 0.00	44.87 -6.59 0.00	48.54 -6.43 0.00	45.88 -6.32 0.00	43.16 -6.11 0.00	39.86 -5.59 0.00	39.02 -5.42 0.00	37.17 -5.17 0.00	38.45 -4.90 0.00
ONEIDA_HERK_LFGE 323681	41.15 0.53 0.00	37.14 0.51 0.00	35.59 0.42 0.00	34.75 0.41 0.00	34.58 0.41 0.00	35.06 0.35 0.00	38.49 0.34 0.00	41.17 0.37 0.00	40.80 0.40 0.00	41.64 0.50 0.00	44.85 0.62 0.00	46.22 0.55 0.00	46.22 0.50 0.00	45.08 0.49 0.00	43.46 0.52 0.00	44.83 0.53 0.00	52.07 0.62 0.00	55.74 0.77 0.00	52.82 0.63 0.00	49.91 0.64 0.00	46.14 0.68 0.00	45.11 0.67 0.00	42.85 0.51 0.00	43.78 0.43 0.00
ONEIDA___115KV_TB4 55905	41.39 0.77 0.00	37.40 0.77 0.00	35.83 0.67 0.00	34.99 0.65 0.00	34.81 0.65 0.00	35.34 0.62 0.00	38.91 0.76 0.00	41.62 0.82 0.00	41.21 0.81 0.00	42.01 0.86 0.00	45.21 0.97 0.00	46.59 0.91 0.00	46.58 0.87 0.00	45.43 0.85 0.00	43.80 0.86 0.00	45.18 0.89 0.00	52.54 1.08 0.00	56.29 1.32 0.00	53.29 1.10 0.00	50.36 1.08 0.00	46.45 1.00 0.00	45.37 0.93 0.00	43.06 0.72 0.00	44.00 0.65 0.00
ONONDAGA_REF_OCCRA 23987	40.17 -0.45 0.00	36.26 -0.37 0.00	34.74 -0.42 0.00	33.93 -0.41 0.00	33.75 -0.41 0.00	34.30 -0.42 0.00	37.80 -0.34 0.00	40.39 -0.41 0.00	39.92 -0.48 0.00	40.69 -0.45 0.00	43.61 -0.62 0.00	45.12 -0.55 0.00	45.12 -0.59 0.00	44.01 -0.58 0.00	42.43 -0.52 0.00	43.80 -0.49 0.00	50.79 -0.67 0.00	54.48 -0.49 0.00	51.67 -0.52 0.00	48.73 -0.54 0.00	44.95 -0.50 0.00	43.91 -0.53 0.00	41.66 -0.68 0.00	42.61 -0.74 0.00
ONONDAGA___COGEN 23986	40.22 -0.41 0.00	36.30 -0.33 0.00	34.78 -0.39 0.00	34.00 -0.34 0.00	33.79 -0.38 0.00	34.33 -0.38 0.00	37.80 -0.34 0.00	40.39 -0.41 0.00	39.92 -0.48 0.00	40.69 -0.45 0.00	43.66 -0.58 0.00	45.17 -0.50 0.00	45.17 -0.55 0.00	44.01 -0.58 0.00	42.47 -0.47 0.00	43.85 -0.44 0.00	50.84 -0.62 0.00	54.48 -0.49 0.00	51.67 -0.52 0.00	48.73 -0.54 0.00	44.95 -0.50 0.00	43.91 -0.53 0.00	41.66 -0.68 0.00	42.65 -0.69 0.00
ONTARIO___LFGE 23819	39.57 -1.06 0.00	35.75 -0.88 0.00	34.25 -0.91 0.00	33.48 -0.86 0.00	33.31 -0.85 0.00	33.88 -0.83 0.00	37.30 -0.84 0.00	39.90 -0.90 0.00	39.35 -1.05 0.00	40.20 -0.94 0.00	43.22 -1.02 0.00	44.62 -1.05 0.00	44.57 -1.14 0.00	43.47 -1.11 0.00	42.00 -0.94 0.00	43.28 -1.02 0.00	50.07 -1.39 0.00	53.82 -1.16 0.00	51.09 -1.10 0.00	48.14 -1.13 0.00	44.36 -1.09 0.00	43.33 -1.11 0.00	41.07 -1.27 0.00	42.13 -1.21 0.00
ORANGEVILLE_WT_PWR 323706	36.72 -3.90 0.00	33.40 -3.22 0.00	31.97 -3.20 0.00	31.32 -3.02 0.00	31.16 -3.01 0.00	31.55 -3.16 0.00	34.75 -3.39 0.00	37.17 -3.63 0.00	36.52 -3.88 0.00	37.19 -3.95 0.00	39.81 -4.42 0.00	40.88 -4.79 0.00	40.69 -5.03 0.00	39.73 -4.86 0.00	38.43 -4.51 0.00	39.60 -4.70 0.00	45.95 -5.50 0.00	49.64 -5.33 0.00	47.08 -5.11 0.00	44.20 -5.07 0.00	40.77 -4.68 0.00	39.82 -4.62 0.00	37.85 -4.49 0.00	39.10 -4.25 0.00
ORANGEVILLE___ESR 323794	36.72 -3.90 0.00	33.40 -3.22 0.00	31.97 -3.20 0.00	31.32 -3.02 0.00	31.16 -3.01 0.00	31.55 -3.16 0.00	34.75 -3.39 0.00	37.17 -3.63 0.00	36.52 -3.88 0.00	37.19 -3.95 0.00	39.81 -4.42 0.00	40.88 -4.79 0.00	40.69 -5.03 0.00	39.73 -4.86 0.00	38.43 -4.51 0.00	39.60 -4.70 0.00	45.95 -5.50 0.00	49.64 -5.33 0.00	47.08 -5.11 0.00	44.20 -5.07 0.00	40.77 -4.68 0.00	39.82 -4.62 0.00	37.85 -4.49 0.00	39.10 -4.25 0.00
OSWEGATCHIE___HYD 24044	40.34 -0.28 0.00	36.44 -0.18 0.00	34.99 -0.17 0.00	34.13 -0.20 0.00	33.99 -0.17 0.00	34.37 -0.35 0.00	37.34 -0.80 0.00	39.90 -0.90 0.00	39.47 -0.93 0.00	40.40 -0.74 0.00	43.79 -0.44 0.00	45.08 -0.60 0.00	45.07 -0.64 0.00	44.01 -0.58 0.00	42.43 -0.51 0.00	43.67 -0.62 0.00	50.37 -1.08 0.00	53.71 -1.26 0.00	50.99 -1.20 0.00	48.34 -0.94 0.00	44.77 -0.68 0.00	43.99 -0.44 0.00	41.87 -0.46 0.00	42.91 -0.43 0.00
OSWEGO___5 23606	39.57 -1.06 0.00	35.71 -0.91 0.00	34.25 -0.91 0.00	33.45 -0.89 0.00	33.28 -0.89 0.00	33.81 -0.90 0.00	37.19 -0.95 0.00	39.74 -1.06 0.00	39.23 -1.17 0.00	39.95 -1.19 0.00	42.86 -1.37 0.00	44.30 -1.37 0.00	44.30 -1.42 0.00	43.21 -1.38 0.00	41.65 -1.29 0.00	42.96 -1.33 0.00	49.86 -1.60 0.00	53.38 -1.60 0.00	50.68 -1.52 0.00	47.80 -1.48 0.00	44.09 -1.36 0.00	43.11 -1.33 0.00	40.98 -1.36 0.00	41.96 -1.39 0.00
OSWEGO___6 23613	39.57 -1.06 0.00	35.71 -0.91 0.00	34.25 -0.91 0.00	33.45 -0.89 0.00	33.28 -0.89 0.00	33.81 -0.90 0.00	37.19 -0.95 0.00	39.74 -1.06 0.00	39.23 -1.17 0.00	39.95 -1.19 0.00	42.86 -1.37 0.00	44.30 -1.37 0.00	44.30 -1.42 0.00	43.21 -1.38 0.00	41.65 -1.29 0.00	42.96 -1.33 0.00	49.86 -1.60 0.00	53.38 -1.60 0.00	50.68 -1.52 0.00	47.80 -1.48 0.00	44.09 -1.36 0.00	43.11 -1.33 0.00	40.98 -1.36 0.00	41.96 -1.39 0.00

OUTOKUMPU-AB___DRP 24206	36.93 -3.70 0.00	33.62 -3.00 0.00	32.14 -3.02 0.00	31.52 -2.82 0.00	31.43 -2.73 0.00	31.76 -2.95 0.00	34.86 -3.28 0.01	37.24 -3.55 0.01	36.63 -3.76 0.01	37.40 -3.74 0.00	39.90 -4.33 0.00	41.11 -4.57 0.00	40.87 -4.85 0.00	39.90 -4.68 0.01	38.65 -4.29 0.00	39.69 -4.61 0.00	45.79 -5.66 0.00	49.53 -5.44 0.00	46.87 -5.32 0.00	44.10 -5.17 0.00	40.64 -4.82 0.00	39.82 -4.62 0.00	37.89 -4.45 0.00	39.18 -4.16 0.00
OXBOW___BTM 323836	36.68 -3.94 0.00	33.37 -3.26 0.00	31.93 -3.23 0.00	31.32 -3.02 0.00	31.19 -2.97 0.00	31.55 -3.16 0.00	34.62 -3.51 0.01	36.95 -3.84 0.01	36.35 -4.04 0.01	37.07 -4.07 0.00	39.77 -4.47 0.00	40.79 -4.89 0.00	40.55 -5.17 0.00	39.62 -4.95 0.01	38.35 -4.59 0.00	39.33 -4.96 0.00	45.38 -6.07 0.00	49.09 -5.88 0.00	46.45 -5.74 0.00	43.70 -5.57 0.00	40.32 -5.14 0.00	39.46 -4.98 0.00	37.55 -4.78 0.00	38.92 -4.42 0.00
OXBOW___ 24026	36.64 -3.98 0.00	33.37 -3.26 0.00	31.90 -3.27 0.00	31.28 -3.06 0.00	31.19 -2.97 0.00	31.55 -3.16 0.00	34.62 -3.51 0.01	36.95 -3.84 0.01	36.35 -4.04 0.01	37.07 -4.07 0.00	39.54 -4.69 0.00	40.79 -4.89 0.00	40.50 -5.21 0.00	39.58 -4.99 0.01	38.30 -4.64 0.00	39.33 -4.96 0.00	45.38 -6.07 0.00	49.09 -5.88 0.00	46.45 -5.74 0.00	43.66 -5.62 0.00	40.32 -5.14 0.00	39.46 -4.98 0.00	37.56 -4.78 0.00	38.84 -4.51 0.00
OXY_CHEM_DSASP 323612	36.28 -4.35 0.00	33.04 -3.59 0.00	31.58 -3.59 0.00	30.97 -3.37 0.00	30.88 -3.28 0.00	31.28 -3.44 0.00	34.31 -3.81 0.02	36.58 -4.20 0.02	35.94 -4.44 0.02	36.70 -4.44 0.00	39.15 -5.09 0.00	40.33 -5.34 0.00	40.09 -5.62 0.00	39.17 -5.40 0.02	37.92 -5.02 0.00	38.89 -5.40 0.00	44.87 -6.59 0.00	48.54 -6.43 0.00	45.88 -6.32 0.00	43.16 -6.11 0.00	39.86 -5.59 0.00	39.02 -5.42 0.00	37.17 -5.17 0.00	38.45 -4.90 0.00
OZONE_PARK_ESR 323760	43.47 2.84 0.00	39.01 2.38 0.00	37.49 2.32 0.00	36.61 2.27 0.00	36.42 2.25 0.00	37.07 2.36 0.00	40.81 2.67 0.00	43.86 3.06 0.00	43.92 3.51 0.00	44.64 3.50 0.00	48.04 3.80 0.00	49.65 3.97 0.00	49.69 3.98 0.00	48.42 3.83 0.00	46.61 3.65 -0.02	48.01 3.72 0.00	56.03 4.58 0.00	59.81 4.84 0.00	56.68 4.49 0.00	53.41 4.14 0.00	49.23 3.77 0.00	48.04 3.60 0.00	45.81 3.47 0.00	46.73 3.38 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.28 -4.35 0.00	33.04 -3.59 0.00	31.58 -3.59 0.00	30.97 -3.37 0.00	30.88 -3.28 0.00	31.28 -3.44 0.00	34.31 -3.81 0.02	36.58 -4.20 0.02	35.94 -4.44 0.02	36.70 -4.44 0.00	39.15 -5.09 0.00	40.33 -5.34 0.00	40.09 -5.62 0.00	39.17 -5.40 0.02	37.92 -5.02 0.00	38.89 -5.40 0.00	44.87 -6.59 0.00	48.54 -6.43 0.00	45.88 -6.32 0.00	43.16 -6.11 0.00	39.86 -5.59 0.00	39.02 -5.42 0.00	37.17 -5.17 0.00	38.45 -4.90 0.00
PACKARD___115KV_DUPONT_184 80571	36.31 -4.31 0.00	33.04 -3.59 0.00	31.65 -3.52 0.00	31.01 -3.33 0.00	30.88 -3.28 0.00	31.28 -3.44 0.00	34.31 -3.81 0.02	36.58 -4.20 0.02	35.94 -4.44 0.02	36.70 -4.44 0.00	39.37 -4.87 0.00	40.33 -5.34 0.00	40.09 -5.62 0.00	39.22 -5.35 0.02	37.96 -4.98 0.00	38.89 -5.41 0.00	44.87 -6.59 0.00	48.49 -6.49 0.00	45.88 -6.32 0.00	43.16 -6.11 0.00	39.86 -5.59 0.00	39.06 -5.38 0.00	37.17 -5.17 0.00	38.53 -4.81 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.68 3.05 -0.01	39.20 2.56 -0.01	37.67 2.50 -0.01	36.79 2.44 -0.01	36.60 2.43 -0.01	37.21 2.50 0.00	40.78 2.63 0.00	43.58 2.77 0.00	43.47 3.07 0.00	44.19 3.04 0.00	47.55 3.32 0.00	49.14 3.47 0.00	49.23 3.52 0.00	47.98 3.39 0.00	46.14 3.18 -0.02	47.57 3.28 0.00	55.52 4.06 0.00	59.21 4.23 0.00	56.16 3.97 0.00	52.92 3.65 0.00	48.77 3.32 0.00	47.68 3.24 0.00	45.68 3.34 0.00	46.82 3.47 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	44.16 3.53 -0.01	39.64 3.00 -0.01	38.13 2.95 -0.01	37.23 2.88 -0.01	37.04 2.87 -0.01	37.66 2.95 0.00	41.23 3.09 0.00	44.07 3.26 0.00	43.92 3.51 0.00	44.64 3.50 0.00	48.04 3.80 0.00	49.65 3.97 0.00	49.74 4.02 0.00	48.47 3.88 0.00	46.61 3.65 -0.02	48.06 3.76 0.00	56.09 4.63 0.00	59.81 4.84 0.00	56.73 4.54 0.00	53.51 4.24 0.00	49.32 3.86 0.00	48.22 3.78 0.00	46.23 3.90 0.00	47.38 4.03 -0.01
PATROON___115KV_TB1 80586	42.25 1.62 0.00	38.02 1.39 0.00	36.54 1.37 0.00	35.64 1.30 0.00	35.43 1.26 0.00	36.07 1.35 0.00	39.63 1.49 0.00	42.39 1.59 0.00	42.10 1.70 0.00	42.83 1.69 0.00	46.18 1.95 0.00	47.73 2.06 0.00	47.77 2.06 0.00	46.59 2.01 0.00	44.83 1.89 0.00	46.20 1.90 0.00	53.62 2.16 0.00	57.17 2.20 0.00	54.28 2.09 0.00	51.34 2.07 0.00	47.32 1.86 0.00	46.35 1.91 0.00	44.20 1.86 0.00	45.25 1.91 0.00
PATTRSNVILLE___SOLAR 323815	41.92 1.30 0.00	37.72 1.10 0.00	36.26 1.09 0.00	35.34 1.00 0.00	35.16 0.99 0.00	35.82 1.11 0.00	39.36 1.22 0.00	42.11 1.31 0.00	41.37 0.97 0.00	41.88 0.74 0.00	44.98 0.75 0.00	46.45 0.78 0.00	46.49 0.78 0.00	45.43 0.85 0.00	43.93 0.99 0.00	45.49 1.20 0.00	53.20 1.75 0.00	56.84 1.87 0.00	54.07 1.88 0.00	51.00 1.72 0.00	47.04 1.59 0.00	45.95 1.51 0.00	43.82 1.48 0.00	44.86 1.52 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.33 -3.29 0.00	33.99 -2.64 0.00	32.49 -2.67 0.00	31.90 -2.44 0.00	31.81 -2.36 0.00	32.11 -2.60 0.00	35.32 -2.82 0.00	37.78 -3.02 0.00	37.17 -3.23 0.00	37.89 -3.25 0.00	40.34 -3.89 0.00	41.65 -4.02 0.00	41.37 -4.34 0.00	40.39 -4.19 0.00	39.08 -3.86 0.00	40.22 -4.07 0.00	46.51 -4.94 0.00	50.36 -4.62 0.00	47.65 -4.54 0.00	44.79 -4.48 0.00	41.23 -4.23 0.00	40.31 -4.13 0.00	38.32 -4.02 0.00	39.62 -3.73 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.14 2.52 0.00	38.75 2.12 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.79 2.08 0.00	40.47 2.33 0.00	43.37 2.57 0.00	43.43 3.03 0.00	44.06 2.92 0.00	47.33 3.10 0.00	48.92 3.24 0.00	49.19 3.47 0.00	47.98 3.39 0.00	45.99 3.05 0.00	47.53 3.23 0.00	55.42 3.96 0.00	58.88 3.90 0.00	55.85 3.65 0.00	52.72 3.45 0.00	48.68 3.23 0.00	47.55 3.11 0.00	45.39 3.05 0.00	46.38 3.03 0.00
PEEKSKILL___ 23653	42.81 2.19 0.00	38.46 1.83 0.00	36.96 1.79 0.00	36.09 1.75 0.00	35.91 1.74 0.00	36.55 1.84 0.00	40.20 2.06 0.00	43.17 2.37 0.00	43.15 2.75 0.00	43.86 2.71 0.00	47.11 2.87 0.00	48.73 3.06 0.00	48.87 3.15 0.00	47.62 3.03 0.00	45.78 2.83 0.00	47.21 2.92 0.00	55.06 3.60 0.00	58.71 3.74 0.00	55.64 3.44 0.00	52.47 3.20 0.00	48.41 2.95 0.00	47.24 2.80 0.00	45.05 2.71 0.00	45.99 2.64 0.00
PGE MADISON___WINDPWR 24146	42.08 1.46 0.00	38.02 1.39 0.00	36.26 1.09 0.00	35.40 1.06 0.00	35.26 1.09 0.00	35.68 0.97 0.00	39.48 1.34 0.00	42.23 1.43 0.00	41.81 1.41 0.00	42.67 1.52 0.00	45.74 1.50 0.00	47.09 1.42 0.00	46.99 1.28 0.00	45.84 1.25 0.00	44.53 1.59 0.00	46.02 1.73 0.00	53.82 2.37 0.00	57.89 2.91 0.00	54.65 2.45 0.00	51.69 2.41 0.00	47.64 2.18 0.00	46.22 1.78 0.00	43.61 1.27 0.00	44.43 1.08 0.00

PIERCEFIELD___HYD 23852	40.38 -0.24 0.00	36.52 -0.11 0.00	35.10 -0.07 0.00	34.27 -0.07 0.00	34.13 -0.03 0.00	34.43 -0.28 0.00	37.42 -0.72 0.00	40.03 -0.78 0.00	39.55 -0.85 0.00	40.61 -0.53 0.00	43.84 -0.40 0.00	45.12 -0.55 0.00	45.21 -0.50 0.00	44.14 -0.45 0.00	42.51 -0.43 0.00	43.67 -0.62 0.00	50.48 -0.98 0.00	53.54 -1.43 0.00	50.94 -1.25 0.00	48.34 -0.94 0.00	44.68 -0.77 0.00	43.73 -0.71 0.00	41.83 -0.51 0.00	42.96 -0.39 0.00
PINELAWN_CC_1 323563	43.79 3.17 0.00	39.12 2.49 0.00	37.52 2.36 0.00	36.57 2.23 0.00	36.49 2.32 0.00	37.32 2.60 0.00	41.36 3.20 -0.01	44.36 3.55 -0.01	44.33 3.92 -0.01	44.93 3.78 0.00	48.14 3.89 -0.01	49.70 4.02 -0.01	54.23 4.02 -4.49	60.71 3.92 -12.20	67.28 3.73 -20.61	68.77 4.03 -20.45	77.00 5.10 -20.45	74.79 5.50 -14.32	71.86 5.01 -14.65	69.59 4.58 -15.73	67.40 4.09 -17.85	61.82 3.86 -13.52	48.52 3.77 -2.41	47.04 3.68 -0.01
PJM_GEN_HTTP_PROXY 323702	43.06 2.44 0.00	38.68 2.05 0.00	37.17 2.00 0.00	36.30 1.96 0.00	36.15 1.98 0.00	36.76 2.05 0.00	40.47 2.33 0.00	43.49 2.69 0.00	43.51 3.11 0.00	44.27 3.13 0.00	47.55 3.32 0.00	49.19 3.52 0.00	49.28 3.57 0.00	47.98 3.39 0.00	46.17 3.22 0.00	47.57 3.28 0.00	55.47 4.02 0.00	59.26 4.29 0.00	56.16 3.96 0.00	52.87 3.60 0.00	48.77 3.32 0.00	47.59 3.16 0.00	45.39 3.05 0.00	46.29 2.95 0.00
PJM_GEN_KEystone 24065	40.08 -0.53 0.01	36.26 -0.37 0.00	34.78 -0.39 0.00	34.03 -0.31 0.00	33.89 -0.27 0.00	34.40 -0.31 0.00	37.88 -0.27 0.00	40.60 -0.20 0.00	40.28 -0.12 0.00	40.94 -0.20 0.00	43.88 -0.36 0.00	45.31 -0.37 0.00	43.53 -0.46 1.73	44.14 -0.45 0.00	42.56 -0.39 0.00	43.81 -0.49 0.00	50.99 -0.46 0.00	54.70 -0.27 0.00	51.83 -0.36 0.00	48.78 -0.49 0.00	45.00 -0.45 0.00	43.91 -0.53 0.00	41.14 -0.51 0.69	40.37 -0.48 2.50
PJM_GEN_NEPTUNE_PROXY 323594	43.30 2.68 0.00	38.75 2.12 0.00	37.17 2.00 0.00	36.26 1.92 0.00	36.15 1.98 0.00	36.94 2.22 0.00	40.86 2.71 -0.01	43.83 3.02 -0.01	43.84 3.43 -0.01	44.47 3.33 0.00	47.56 3.32 -0.01	49.11 3.43 -0.01	52.94 3.47 -3.75	58.11 3.35 -10.18	63.31 3.18 -17.19	64.72 3.36 -17.06	72.79 4.27 -17.06	71.48 4.56 -11.94	68.54 4.12 -12.22	66.19 3.79 -13.12	63.76 3.41 -14.89	58.96 3.24 -11.28	47.49 3.13 -2.01	46.43 3.08 -0.01
PJM_GEN_VFT_PROXY 323633	43.10 2.48 0.00	38.68 2.05 0.00	37.17 2.00 0.00	36.30 1.96 0.00	36.15 1.98 0.00	36.76 2.05 0.00	40.47 2.33 0.00	43.49 2.69 0.00	43.56 3.15 -0.01	44.32 3.17 -0.01	47.56 3.32 -0.01	49.25 3.56 -0.01	49.29 3.57 -0.01	48.03 3.43 -0.01	46.18 3.22 -0.02	47.58 3.28 -0.01	55.48 4.02 -0.01	59.27 4.29 -0.01	56.16 3.96 0.00	52.87 3.60 0.00	48.82 3.36 0.00	47.59 3.16 0.00	45.40 3.05 -0.01	46.29 2.95 0.00
PLATSBURG_115KV_PMLD1 355749	40.01 -0.61 0.00	36.26 -0.37 0.00	34.92 -0.25 0.00	34.13 -0.21 0.00	33.96 -0.20 0.00	34.37 -0.35 0.00	37.65 -0.50 0.00	40.19 -0.61 0.00	39.67 -0.73 0.00	40.48 -0.66 0.00	43.57 -0.66 0.00	44.85 -0.82 0.00	44.94 -0.78 0.00	43.87 -0.71 0.00	42.30 -0.64 0.00	43.72 -0.58 0.00	50.79 -0.67 0.00	54.09 -0.88 0.00	51.57 -0.63 0.00	48.88 -0.39 0.00	45.18 -0.27 0.00	44.17 -0.27 0.00	42.21 -0.13 0.00	43.30 -0.04 0.00
PLEASANTVLY___LBMP 24000	42.69 2.07 0.00	38.35 1.72 0.00	36.85 1.69 0.00	35.99 1.65 0.00	35.80 1.64 0.00	36.41 1.70 0.00	40.09 1.95 0.00	43.00 2.20 0.00	42.91 2.50 0.00	43.65 2.51 0.00	46.93 2.70 0.00	48.50 2.83 0.00	48.59 2.88 0.00	47.35 2.76 0.00	45.56 2.62 0.00	46.95 2.66 0.00	54.70 3.24 0.00	58.33 3.35 0.00	55.38 3.18 0.00	52.18 2.91 0.00	48.09 2.64 0.00	47.02 2.58 0.00	44.84 2.50 0.00	45.82 2.47 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.98 2.36 0.00	38.60 1.98 0.00	37.10 1.93 0.00	36.23 1.89 0.00	36.04 1.88 0.00	36.66 1.94 0.00	40.36 2.21 0.00	43.33 2.53 0.00	43.31 2.91 0.00	44.02 2.88 0.00	47.37 3.14 0.00	48.96 3.29 0.00	49.05 3.34 0.00	47.80 3.21 0.00	45.95 3.01 0.00	47.39 3.10 0.00	55.31 3.86 0.00	58.93 3.96 0.00	55.90 3.71 0.00	52.72 3.45 0.00	48.59 3.14 0.00	47.42 2.98 0.00	45.22 2.88 0.00	46.21 2.86 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.98 2.36 0.00	38.60 1.98 0.00	37.10 1.93 0.00	36.23 1.89 0.00	36.04 1.88 0.00	36.66 1.94 0.00	40.36 2.21 0.00	43.33 2.53 0.00	43.31 2.91 0.00	44.02 2.88 0.00	47.37 3.14 0.00	48.96 3.29 0.00	49.05 3.34 0.00	47.80 3.21 0.00	45.95 3.01 0.00	47.39 3.10 0.00	55.31 3.86 0.00	58.93 3.96 0.00	55.90 3.71 0.00	52.72 3.45 0.00	48.59 3.14 0.00	47.42 2.98 0.00	45.22 2.88 0.00	46.21 2.86 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.94 2.32 0.00	38.53 1.90 0.00	37.07 1.90 0.00	36.19 1.85 0.00	36.01 1.84 0.00	36.59 1.87 0.00	40.28 2.14 0.00	43.17 2.37 0.00	43.11 2.71 0.00	43.78 2.63 0.00	47.06 2.83 0.00	48.55 2.88 0.00	48.73 3.02 0.00	47.49 2.90 0.00	45.65 2.71 0.00	47.13 2.83 0.00	54.90 3.45 0.00	58.49 3.52 0.00	55.53 3.34 0.00	52.38 3.10 0.00	48.32 2.86 0.00	47.28 2.84 0.00	45.09 2.75 0.00	46.08 2.73 0.00
POLETTI_____ 23519	43.51 2.88 -0.01	39.05 2.42 -0.01	37.53 2.36 -0.01	36.65 2.30 -0.01	36.46 2.29 -0.01	37.11 2.40 0.00	40.66 2.52 0.00	43.45 2.65 0.00	43.35 2.95 0.00	44.06 2.92 0.00	47.33 3.10 0.00	48.73 3.06 0.00	48.87 3.15 0.00	47.75 3.17 0.00	46.05 3.09 -0.02	47.35 3.06 0.00	55.06 3.60 0.00	58.71 3.74 0.00	55.69 3.50 0.00	52.43 3.15 0.00	48.27 2.82 0.00	47.37 2.93 0.00	45.56 3.22 0.00	46.65 3.29 -0.01
POMONA___ESR 323819	42.77 2.15 0.00	38.46 1.83 0.00	36.92 1.76 0.00	36.09 1.75 0.00	35.91 1.74 0.00	36.52 1.80 0.00	40.20 2.06 0.00	43.17 2.37 0.00	43.15 2.75 0.00	43.86 2.71 0.00	47.07 2.83 0.00	48.69 3.01 0.00	48.78 3.06 0.00	47.58 2.99 0.00	45.73 2.79 0.00	47.17 2.88 0.00	55.00 3.55 0.00	58.66 3.68 0.00	55.58 3.39 0.00	52.43 3.16 0.00	48.37 2.91 0.00	47.19 2.76 0.00	45.01 2.67 0.00	45.95 2.60 0.00
PORT_JEFF_3 23555	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.54 2.20 0.00	36.42 2.25 0.00	37.28 2.57 0.00	41.32 3.16 -0.01	44.28 3.47 -0.01	44.25 3.84 -0.01	44.85 3.70 0.00	48.09 3.85 -0.01	49.61 3.93 -0.01	53.78 4.02 -4.04	59.43 3.88 -10.97	65.25 3.78 -18.53	66.75 4.07 -18.39	74.99 5.14 -18.39	73.40 5.55 -12.87	70.43 5.06 -13.17	68.10 4.68 -14.14	65.64 4.14 -16.05	60.46 3.86 -12.16	48.24 3.73 -2.17	47.04 3.68 -0.01
PORT_JEFF_4 23616	43.71 3.09 0.00	39.08 2.45 0.00	37.49 2.32 0.00	36.54 2.20 0.00	36.42 2.25 0.00	37.28 2.57 0.00	41.32 3.16 -0.01	44.28 3.47 -0.01	44.25 3.84 -0.01	44.85 3.70 0.00	48.09 3.85 -0.01	49.61 3.93 -0.01	53.78 4.02 -4.04	59.43 3.88 -10.97	65.25 3.78 -18.53	66.75 4.07 -18.39	74.99 5.14 -18.39	73.40 5.55 -12.87	70.43 5.06 -13.17	68.10 4.68 -14.14	65.64 4.14 -16.05	60.46 3.86 -12.16	48.24 3.73 -2.17	47.04 3.68 -0.01

PORT_JEFF_IC 23713	43.91 3.29 0.00	39.12 2.49 0.00	37.70 2.53 0.00	36.67 2.34 0.00	36.45 2.29 0.00	37.32 2.60 0.00	41.36 3.20 -0.01	44.32 3.51 -0.01	44.33 3.92 -0.01	44.93 3.79 0.00	48.27 4.03 -0.01	49.70 4.02 -0.01	53.89 4.11 -4.06	59.58 3.97 -11.02	65.42 3.86 -18.61	66.92 4.16 -18.47	75.23 5.30 -18.47	73.57 5.66 -12.93	70.65 5.22 -13.23	68.26 4.78 -14.21	65.80 4.23 -16.12	60.65 4.00 -12.21	48.33 3.81 -2.18	47.21 3.86 -0.01
PPL PILGRIM_ST_GT1 24216	44.12 3.49 0.00	39.41 2.78 0.00	37.80 2.64 0.00	36.85 2.51 0.00	36.73 2.56 0.00	37.59 2.88 0.00	41.70 3.55 -0.01	44.73 3.92 -0.01	44.65 4.24 -0.01	45.26 4.11 0.00	48.53 4.29 -0.01	50.11 4.43 -0.01	54.34 4.48 -4.14	60.16 4.32 -11.25	66.15 4.21 -19.00	67.66 4.52 -18.85	76.02 5.71 -18.86	74.27 6.10 -13.20	71.23 5.53 -13.51	68.90 5.12 -14.50	66.50 4.59 -16.46	61.21 4.31 -12.47	48.72 4.15 -2.23	47.43 4.07 -0.01
PPL PILGRIM_ST_GT2 24217	44.12 3.49 0.00	39.41 2.78 0.00	37.80 2.64 0.00	36.85 2.51 0.00	36.73 2.56 0.00	37.59 2.88 0.00	41.70 3.55 -0.01	44.73 3.92 -0.01	44.65 4.24 -0.01	45.26 4.11 0.00	48.53 4.29 -0.01	50.11 4.43 -0.01	54.34 4.48 -4.14	60.16 4.32 -11.25	66.15 4.21 -19.00	67.66 4.52 -18.85	76.02 5.71 -18.86	74.27 6.10 -13.20	71.23 5.53 -13.51	68.90 5.12 -14.50	66.50 4.59 -16.46	61.21 4.31 -12.47	48.72 4.15 -2.23	47.43 4.07 -0.01
PPL_SHRM_GT3 24213	43.91 3.29 0.00	39.26 2.64 0.00	37.66 2.50 0.00	36.68 2.34 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.43 3.28 -0.01	44.36 3.55 -0.01	44.37 3.96 -0.01	44.97 3.83 0.00	48.27 4.02 -0.01	49.74 4.06 -0.01	53.88 4.12 -4.05	59.60 4.01 -10.99	65.46 3.95 -18.57	67.06 4.34 -18.43	75.34 5.45 -18.43	73.76 5.88 -12.90	70.82 5.43 -13.20	68.48 5.03 -14.17	66.00 4.46 -16.09	60.76 4.13 -12.18	48.49 3.98 -2.17	47.34 3.99 -0.01
PPL_SHRM_GT4 24214	43.91 3.29 0.00	39.26 2.64 0.00	37.66 2.50 0.00	36.68 2.34 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.43 3.28 -0.01	44.36 3.55 -0.01	44.37 3.96 -0.01	44.97 3.83 0.00	48.27 4.02 -0.01	49.74 4.06 -0.01	53.88 4.12 -4.05	59.60 4.01 -10.99	65.46 3.95 -18.57	67.06 4.34 -18.43	75.34 5.45 -18.43	73.76 5.88 -12.90	70.82 5.43 -13.20	68.48 5.03 -14.17	66.00 4.46 -16.09	60.76 4.13 -12.18	48.49 3.98 -2.17	47.34 3.99 -0.01
PROJECT___ORANGE 1 24174	40.05 -0.57 0.00	36.11 -0.51 0.00	34.60 -0.56 0.00	33.82 -0.52 0.00	33.65 -0.51 0.00	34.19 -0.52 0.00	37.65 -0.50 0.00	40.23 -0.57 0.00	39.71 -0.69 0.00	40.53 -0.62 0.00	43.48 -0.75 0.00	44.99 -0.69 0.00	44.98 -0.73 0.00	43.83 -0.76 0.00	42.30 -0.64 0.00	43.63 -0.66 0.00	50.58 -0.87 0.00	54.20 -0.77 0.00	51.41 -0.78 0.00	48.48 -0.79 0.00	44.68 -0.77 0.00	43.64 -0.80 0.00	41.45 -0.89 0.00	42.43 -0.91 0.00
PROJECT___ORANGE 2 24166	40.05 -0.57 0.00	36.11 -0.51 0.00	34.60 -0.56 0.00	33.82 -0.52 0.00	33.65 -0.51 0.00	34.19 -0.52 0.00	37.65 -0.50 0.00	40.23 -0.57 0.00	39.71 -0.69 0.00	40.53 -0.62 0.00	43.48 -0.75 0.00	44.99 -0.69 0.00	44.98 -0.73 0.00	43.83 -0.76 0.00	42.30 -0.64 0.00	43.63 -0.66 0.00	50.58 -0.87 0.00	54.20 -0.77 0.00	51.41 -0.78 0.00	48.48 -0.79 0.00	44.68 -0.77 0.00	43.64 -0.80 0.00	41.45 -0.89 0.00	42.43 -0.91 0.00
PUCKETT___SOLAR 323809	40.66 0.04 0.00	36.74 0.11 0.00	35.20 0.04 0.00	34.41 0.07 0.00	34.23 0.07 0.00	34.75 0.03 0.00	38.30 0.15 0.00	41.01 0.21 0.00	40.52 0.12 0.00	41.23 0.08 0.00	44.23 0.00 0.00	45.63 -0.05 0.00	45.58 -0.14 0.00	44.50 -0.09 0.00	43.03 0.09 0.00	44.47 0.18 0.00	51.77 0.31 0.00	55.58 0.61 0.00	52.66 0.47 0.00	49.67 0.39 0.00	45.82 0.36 0.00	44.57 0.13 0.00	42.30 -0.04 0.00	43.30 -0.04 0.00
PYRITES___HYD 24023	41.07 0.45 0.00	37.14 0.51 0.00	35.66 0.49 0.00	34.82 0.48 0.00	34.68 0.51 0.00	34.99 0.28 0.00	38.18 0.04 0.00	40.80 0.00 0.00	40.28 -0.12 0.00	41.23 0.08 0.00	44.41 0.18 0.00	45.67 0.00 0.00	45.71 0.00 0.00	44.63 0.04 0.00	43.03 0.09 0.00	44.29 0.00 0.00	51.45 0.00 0.00	54.81 -0.16 0.00	52.14 -0.05 0.00	49.47 0.20 0.00	45.77 0.32 0.00	44.75 0.31 0.00	42.68 0.34 0.00	43.78 0.43 0.00
QUAKERRD_115KV_BK1 80622	38.18 -2.44 0.00	34.58 -2.05 0.00	33.13 -2.04 0.00	32.38 -1.96 0.00	32.22 -1.95 0.00	32.84 -1.87 0.00	36.08 -2.06 0.00	38.56 -2.24 0.00	38.02 -2.38 0.00	38.84 -2.30 0.00	41.71 -2.52 0.00	43.02 -2.65 0.00	42.93 -2.79 0.00	41.91 -2.68 0.00	40.54 -2.40 0.00	41.68 -2.61 0.00	48.21 -3.24 0.00	51.84 -3.13 0.00	49.17 -3.03 0.00	46.27 -3.01 0.00	42.73 -2.73 0.00	41.73 -2.71 0.00	39.63 -2.71 0.00	40.66 -2.69 0.00
QUENSBRY_115KV_TB8 356137	43.75 3.13 0.00	39.37 2.75 0.00	37.91 2.74 0.00	36.88 2.54 0.00	36.66 2.49 0.00	37.39 2.67 0.00	41.12 2.98 0.00	44.07 3.26 0.00	43.47 3.07 0.00	44.15 3.00 0.00	47.51 3.27 0.00	49.14 3.47 0.00	49.05 3.34 0.00	47.71 3.12 0.00	46.08 3.13 0.00	47.44 3.14 0.00	55.42 3.96 0.00	59.21 4.23 0.00	56.37 4.18 0.00	53.12 3.84 0.00	49.09 3.64 0.00	47.99 3.56 0.00	45.77 3.43 0.00	46.86 3.51 0.00
RAMAPO___LBMP 323565	42.61 1.99 0.00	38.31 1.68 0.00	36.82 1.65 0.00	35.99 1.65 0.00	35.77 1.61 0.00	36.41 1.70 0.00	40.09 1.95 0.00	43.05 2.24 0.00	42.99 2.59 0.00	43.65 2.51 0.00	46.93 2.70 0.00	48.50 2.83 0.00	48.59 2.88 0.00	47.35 2.76 0.00	45.56 2.62 0.00	46.95 2.66 0.00	54.75 3.29 0.00	58.44 3.46 0.00	55.38 3.18 0.00	52.23 2.96 0.00	48.14 2.68 0.00	47.02 2.58 0.00	44.84 2.50 0.00	45.77 2.43 0.00
RANKINE____ 23646	37.17 -3.45 0.00	33.84 -2.78 0.00	32.32 -2.85 0.00	31.73 -2.61 0.00	31.64 -2.53 0.00	31.97 -2.74 0.00	35.13 -3.01 0.00	37.54 -3.26 0.00	36.92 -3.47 0.00	37.65 -3.50 0.00	40.16 -4.07 0.00	41.42 -4.25 0.00	41.14 -4.57 0.00	40.17 -4.41 0.00	38.86 -4.08 0.00	40.00 -4.30 0.00	46.21 -5.25 0.00	50.03 -4.95 0.00	47.34 -4.85 0.00	44.49 -4.78 0.00	41.00 -4.45 0.00	40.08 -4.35 0.00	38.15 -4.19 0.00	39.44 -3.90 0.00
RAVENSWOOD_GT2_1 24244	43.22 2.60 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.86 2.15 0.00	40.55 2.40 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.26 3.31 -0.02	47.66 3.37 0.00	55.57 4.12 0.00	59.32 4.34 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.82 3.36 0.00	47.68 3.24 0.00	45.47 3.13 0.00	46.42 3.08 0.00
RAVENSWOOD_GT2_2 24245	43.22 2.60 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.86 2.15 0.00	40.55 2.40 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.31 3.17 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.26 3.31 -0.02	47.66 3.37 0.00	55.57 4.12 0.00	59.32 4.34 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.82 3.36 0.00	47.68 3.24 0.00	45.47 3.13 0.00	46.42 3.08 0.00

RAVENSWOOD_GT2_3 24246	43.22 2.60 0.00	38.79 2.16 0.00	37.31 2.15 0.00	36.43 2.09 0.00	36.25 2.08 0.00	36.86 2.15 0.00	40.59 2.44 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.26 3.31 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.86 3.41 0.00	47.73 3.29 0.00	45.51 3.18 0.00	46.47 3.12 0.00
RAVENSWOOD_GT2_4 24247	43.22 2.60 0.00	38.79 2.16 0.00	37.31 2.15 0.00	36.43 2.09 0.00	36.25 2.08 0.00	36.86 2.15 0.00	40.59 2.44 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.26 3.31 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.86 3.41 0.00	47.73 3.29 0.00	45.51 3.18 0.00	46.47 3.12 0.00
RAVENSWOOD_GT3_1 24248	43.22 2.60 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.86 2.15 0.00	40.55 2.40 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.26 3.31 -0.02	47.66 3.37 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.86 3.41 0.00	47.68 3.24 0.00	45.47 3.13 0.00	46.42 3.08 0.00
RAVENSWOOD_GT3_2 24249	43.22 2.60 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.86 2.15 0.00	40.55 2.40 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.26 3.31 -0.02	47.66 3.37 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.86 3.41 0.00	47.68 3.24 0.00	45.47 3.13 0.00	46.42 3.08 0.00
RAVENSWOOD_GT3_3 24250	43.26 2.64 0.00	38.82 2.20 0.00	37.31 2.15 0.00	36.43 2.09 0.00	36.25 2.08 0.00	36.90 2.19 0.00	40.59 2.44 0.00	43.62 2.82 0.00	43.63 3.23 0.00	44.39 3.25 0.00	47.73 3.49 0.00	49.33 3.65 0.00	49.42 3.70 0.00	48.15 3.57 0.00	46.31 3.35 -0.02	47.75 3.45 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.32 4.12 0.00	53.07 3.79 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.56 3.22 0.00	46.51 3.16 0.00
RAVENSWOOD_GT3_4 24251	43.26 2.64 0.00	38.82 2.20 0.00	37.31 2.15 0.00	36.43 2.09 0.00	36.25 2.08 0.00	36.90 2.19 0.00	40.59 2.44 0.00	43.62 2.82 0.00	43.63 3.23 0.00	44.39 3.25 0.00	47.73 3.49 0.00	49.33 3.65 0.00	49.42 3.70 0.00	48.15 3.57 0.00	46.31 3.35 -0.02	47.75 3.45 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.32 4.12 0.00	53.07 3.79 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.56 3.22 0.00	46.51 3.16 0.00
RAVENSWOOD_GT_1 23729	43.47 2.84 -0.01	39.02 2.38 -0.01	37.50 2.32 -0.01	36.62 2.27 -0.01	36.43 2.25 -0.01	37.04 2.33 0.00	40.74 2.59 0.00	43.66 2.86 0.00	43.67 3.27 0.00	44.39 3.25 0.00	47.77 3.54 0.00	49.37 3.70 0.00	49.51 3.79 0.00	48.20 3.61 0.00	46.35 3.39 -0.02	47.79 3.50 0.00	55.78 4.32 0.00	59.54 4.56 0.00	56.42 4.23 0.00	53.17 3.89 0.00	49.00 3.55 0.00	47.86 3.42 0.00	45.68 3.34 0.00	46.69 3.34 -0.01
RAVENSWOOD_GT_10 24258	43.22 2.60 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.83 2.12 0.00	40.55 2.40 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.26 3.31 -0.02	47.66 3.37 0.00	55.57 4.12 0.00	59.32 4.34 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.82 3.36 0.00	47.68 3.24 0.00	45.47 3.13 0.00	46.42 3.08 0.00
RAVENSWOOD_GT_11 24259	43.22 2.60 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.83 2.12 0.00	40.55 2.40 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.26 3.31 -0.02	47.66 3.37 0.00	55.57 4.12 0.00	59.32 4.34 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.82 3.36 0.00	47.68 3.24 0.00	45.47 3.13 0.00	46.42 3.08 0.00
RAVENSWOOD_GT_4 24252	43.27 2.64 -0.01	38.87 2.23 -0.01	37.35 2.18 -0.01	36.48 2.13 -0.01	36.29 2.12 -0.01	36.90 2.19 0.00	40.59 2.44 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.26 3.31 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.86 3.41 0.00	47.73 3.29 0.00	45.56 3.22 0.00	46.52 3.16 -0.01
RAVENSWOOD_GT_5 24254	43.27 2.64 -0.01	38.87 2.23 -0.01	37.35 2.18 -0.01	36.48 2.13 -0.01	36.29 2.12 -0.01	36.90 2.19 0.00	40.59 2.44 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.26 3.31 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.86 3.41 0.00	47.73 3.29 0.00	45.56 3.22 0.00	46.52 3.16 -0.01
RAVENSWOOD_GT_6 24253	43.27 2.64 -0.01	38.87 2.23 -0.01	37.35 2.18 -0.01	36.48 2.13 -0.01	36.29 2.12 -0.01	36.90 2.19 0.00	40.59 2.44 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.26 3.31 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.86 3.41 0.00	47.73 3.29 0.00	45.56 3.22 0.00	46.52 3.16 -0.01
RAVENSWOOD_GT_7 24255	43.27 2.64 -0.01	38.87 2.23 -0.01	37.35 2.18 -0.01	36.48 2.13 -0.01	36.29 2.12 -0.01	36.90 2.19 0.00	40.59 2.44 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.11 3.52 0.00	46.26 3.31 -0.02	47.70 3.41 0.00	55.62 4.17 0.00	59.37 4.40 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.86 3.41 0.00	47.73 3.29 0.00	45.56 3.22 0.00	46.52 3.16 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.22 2.60 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.83 2.12 0.00	40.55 2.40 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.26 3.31 -0.02	47.66 3.37 0.00	55.57 4.12 0.00	59.32 4.34 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.82 3.36 0.00	47.68 3.24 0.00	45.47 3.13 0.00	46.42 3.08 0.00
RAVENSWOOD_GT_9 24257	43.22 2.60 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.83 2.12 0.00	40.55 2.40 0.00	43.58 2.77 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.26 3.31 -0.02	47.66 3.37 0.00	55.57 4.12 0.00	59.32 4.34 0.00	56.26 4.07 0.00	53.02 3.74 0.00	48.82 3.36 0.00	47.68 3.24 0.00	45.47 3.13 0.00	46.42 3.08 0.00

RAVENSWOOD___1 23533	43.43 2.80 -0.01	38.98 2.35 -0.01	37.46 2.28 -0.01	36.61 2.27 -0.01	36.43 2.25 -0.01	37.04 2.33 0.00	40.70 2.56 0.00	43.66 2.86 0.00	43.64 3.23 -0.01	44.40 3.25 -0.01	47.74 3.49 -0.01	49.38 3.70 -0.01	49.47 3.75 -0.01	48.21 3.61 -0.01	46.35 3.39 -0.02	47.80 3.50 -0.01	55.79 4.32 -0.01	59.49 4.51 -0.01	56.37 4.18 0.00	53.16 3.89 0.00	49.00 3.55 0.00	47.81 3.38 0.00	45.69 3.34 -0.01	46.65 3.29 -0.01
RAVENSWOOD___2 23534	43.43 2.80 -0.01	38.98 2.35 -0.01	37.46 2.28 -0.01	36.58 2.23 -0.01	36.43 2.25 -0.01	37.04 2.33 0.00	40.70 2.56 0.00	43.66 2.86 0.00	43.64 3.23 -0.01	44.36 3.21 -0.01	47.74 3.49 -0.01	49.34 3.66 -0.01	49.47 3.75 -0.01	48.21 3.61 -0.01	46.31 3.35 -0.02	47.80 3.50 -0.01	55.73 4.27 -0.01	59.49 4.51 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	49.00 3.55 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.65 3.29 -0.01
RAVENSWOOD___3 23535	43.22 2.60 0.00	38.79 2.16 0.00	37.28 2.11 0.00	36.40 2.06 0.00	36.21 2.05 0.00	36.87 2.15 0.00	40.55 2.40 0.00	43.58 2.78 0.00	43.60 3.19 -0.01	44.36 3.21 -0.01	47.65 3.41 -0.01	49.29 3.61 -0.01	49.38 3.66 -0.01	48.08 3.48 -0.01	46.26 3.31 -0.02	47.66 3.36 -0.01	55.63 4.17 -0.01	59.38 4.40 -0.01	56.27 4.07 0.00	53.02 3.74 0.00	48.87 3.41 0.00	47.68 3.24 0.00	45.52 3.18 -0.01	46.42 3.08 0.00
RAVENSWOOD___4 23820	43.39 2.76 -0.01	38.98 2.35 -0.01	37.46 2.28 -0.01	36.58 2.23 -0.01	36.39 2.22 -0.01	37.04 2.33 0.00	40.70 2.56 0.00	43.66 2.86 0.00	43.64 3.23 -0.01	44.36 3.21 -0.01	47.74 3.49 -0.01	49.34 3.66 -0.01	49.42 3.70 -0.01	48.16 3.57 -0.01	46.31 3.35 -0.02	47.76 3.46 -0.01	55.73 4.27 -0.01	59.43 4.45 -0.01	56.37 4.18 0.00	53.12 3.85 0.00	49.00 3.55 0.00	47.77 3.33 0.00	45.65 3.30 -0.01	46.60 3.25 -0.01
RCPL_TRUST___DRP 24196	43.14 2.52 0.00	38.71 2.09 0.00	37.24 2.07 0.00	36.37 2.03 0.00	36.18 2.02 0.00	36.79 2.08 0.00	40.51 2.36 0.00	43.54 2.73 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.25 3.31 0.00	47.66 3.37 0.00	55.57 4.12 0.00	59.37 4.40 0.00	56.21 4.02 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.64 3.20 0.00	45.43 3.09 0.00	46.34 2.99 0.00
RED___ROCHESTER 323720	38.95 -1.67 0.00	35.27 -1.35 0.00	33.79 -1.37 0.00	33.03 -1.30 0.00	32.87 -1.30 0.00	33.50 -1.22 0.00	36.81 -1.34 0.00	39.37 -1.43 0.00	38.78 -1.62 0.00	39.66 -1.48 0.00	42.73 -1.50 0.00	43.98 -1.69 0.00	43.84 -1.88 0.00	42.80 -1.78 0.00	41.44 -1.50 0.00	42.61 -1.68 0.00	49.24 -2.21 0.00	53.00 -1.98 0.00	50.26 -1.93 0.00	47.30 -1.97 0.00	43.68 -1.77 0.00	42.61 -1.82 0.00	40.48 -1.86 0.00	41.57 -1.78 0.00
REGAN___SOLAR 323812	42.20 1.58 0.00	37.94 1.32 0.00	36.50 1.34 0.00	35.54 1.20 0.00	35.36 1.20 0.00	36.10 1.39 0.00	39.67 1.53 0.00	42.39 1.59 0.00	41.17 0.77 0.00	41.31 0.17 0.00	44.23 0.00 0.00	45.67 0.00 0.00	45.76 0.05 0.00	44.90 0.31 0.00	43.76 0.81 0.00	45.58 1.29 0.00	53.56 2.11 0.00	57.34 2.36 0.00	54.65 2.45 0.00	51.54 2.27 0.00	47.45 2.00 0.00	46.35 1.91 0.00	44.20 1.86 0.00	45.21 1.86 0.00
RENSSELAER___COGEN 23796	42.04 1.42 0.00	37.80 1.17 0.00	36.32 1.16 0.00	35.44 1.10 0.00	35.26 1.09 0.00	35.86 1.14 0.00	39.40 1.26 0.00	42.19 1.39 0.00	41.90 1.50 0.00	42.58 1.44 0.00	45.87 1.64 0.00	47.41 1.74 0.00	47.45 1.74 0.00	46.28 1.69 0.00	44.53 1.59 0.00	45.93 1.64 0.00	53.30 1.85 0.00	56.84 1.87 0.00	53.97 1.78 0.00	51.04 1.77 0.00	47.09 1.63 0.00	46.08 1.65 0.00	43.95 1.61 0.00	44.99 1.65 0.00
REPUBLIC_115KV_BARTNBK 55605	45.70 5.08 0.00	41.13 4.51 0.00	39.63 4.47 0.00	38.49 4.16 0.00	38.20 4.03 0.00	39.09 4.37 0.00	42.99 4.84 0.00	46.02 5.22 0.00	45.17 4.77 0.00	45.79 4.65 0.00	49.28 5.04 0.00	50.97 5.30 0.00	50.74 5.03 0.00	49.40 4.82 0.00	47.79 4.85 0.00	49.25 4.96 0.00	57.73 6.28 0.00	61.79 6.82 0.00	58.98 6.79 0.00	55.58 6.31 0.00	51.32 5.86 0.00	50.17 5.73 0.00	47.76 5.42 0.00	48.94 5.59 0.00
REVERE_CPPR_DRP 24186	41.64 1.02 0.00	37.62 0.99 0.00	36.05 0.88 0.00	35.20 0.86 0.00	35.02 0.85 0.00	35.51 0.80 0.00	39.06 0.92 0.00	41.78 0.98 0.00	41.41 1.01 0.00	42.25 1.11 0.00	45.47 1.24 0.00	46.86 1.19 0.00	46.86 1.14 0.00	45.70 1.11 0.00	44.10 1.16 0.00	45.49 1.20 0.00	52.90 1.44 0.00	56.68 1.70 0.00	53.60 1.41 0.00	50.65 1.38 0.00	46.77 1.32 0.00	45.73 1.29 0.00	43.36 1.02 0.00	44.30 0.95 0.00
REYNLDPA_13_KV_LD 356490	40.50 -0.12 0.00	36.59 -0.04 0.00	35.17 0.00 0.00	34.34 0.00 0.00	34.20 0.03 0.00	34.64 -0.07 0.00	37.95 -0.19 0.00	40.64 -0.16 0.00	40.16 -0.24 0.00	41.02 -0.12 0.00	44.19 -0.04 0.00	45.54 -0.14 0.00	45.67 -0.05 0.00	44.54 -0.04 0.00	42.90 -0.04 0.00	44.25 -0.04 0.00	51.35 -0.10 0.00	54.65 -0.33 0.00	51.98 -0.21 0.00	49.22 -0.05 0.00	45.45 0.00 0.00	44.44 0.00 0.00	42.38 0.04 0.00	43.48 0.13 0.00
REYNOLDS_115KV_TB3 80639	42.25 1.62 0.00	38.02 1.39 0.00	36.54 1.37 0.00	35.64 1.30 0.00	35.43 1.26 0.00	36.07 1.35 0.00	39.63 1.49 0.00	42.39 1.59 0.00	42.10 1.70 0.00	42.83 1.69 0.00	46.18 1.95 0.00	47.73 2.06 0.00	47.77 2.06 0.00	46.59 2.01 0.00	44.83 1.89 0.00	46.20 1.90 0.00	53.62 2.16 0.00	57.17 2.20 0.00	54.28 2.09 0.00	51.29 2.02 0.00	47.27 1.82 0.00	46.35 1.91 0.00	44.20 1.86 0.00	45.25 1.91 0.00
RIVERBAY____ 323610	44.16 3.53 -0.01	39.64 3.00 -0.01	38.13 2.95 -0.01	37.23 2.88 -0.01	37.04 2.87 -0.01	37.66 2.95 0.00	41.23 3.09 0.00	44.07 3.26 0.00	43.92 3.51 0.00	44.64 3.50 0.00	48.04 3.80 0.00	49.65 3.97 0.00	49.74 4.02 0.00	48.47 3.88 0.00	46.61 3.65 -0.02	48.06 3.76 0.00	56.09 4.63 0.00	59.81 4.84 0.00	56.73 4.54 0.00	53.51 4.24 0.00	49.32 3.86 0.00	48.22 3.78 0.00	46.23 3.90 0.00	47.38 4.03 -0.01
RIVERSDE_115KV_TB3 55908	42.17 1.54 0.00	37.94 1.32 0.00	36.47 1.30 0.00	35.58 1.24 0.00	35.39 1.23 0.00	36.00 1.28 0.00	39.56 1.41 0.00	42.31 1.51 0.00	42.02 1.62 0.00	42.75 1.60 0.00	46.09 1.86 0.00	47.64 1.96 0.00	47.68 1.97 0.00	46.50 1.92 0.00	44.75 1.80 0.00	46.11 1.82 0.00	53.51 2.06 0.00	57.06 2.09 0.00	54.18 1.98 0.00	51.24 1.97 0.00	47.23 1.77 0.00	46.26 1.82 0.00	44.12 1.78 0.00	45.17 1.82 0.00
ROARING___BROOK_WT_PWR 323790	39.32 -1.30 0.00	35.45 -1.17 0.00	34.04 -1.13 0.00	33.24 -1.10 0.00	33.07 -1.09 0.00	33.57 -1.14 0.00	36.89 -1.26 0.00	39.49 -1.31 0.00	39.11 -1.29 0.00	39.82 -1.32 0.00	42.86 -1.37 0.00	44.26 -1.42 0.00	44.34 -1.37 0.00	43.25 -1.34 0.00	41.65 -1.29 0.00	42.96 -1.33 0.00	49.91 -1.54 0.00	53.33 -1.65 0.00	50.63 -1.56 0.00	47.84 -1.43 0.00	44.13 -1.32 0.00	43.19 -1.24 0.00	41.24 -1.10 0.00	42.26 -1.08 0.00

ROCHESRG_115KV_T4 355643	38.55 -2.07 0.00	34.94 -1.68 0.00	33.44 -1.72 0.00	32.73 -1.61 0.00	32.59 -1.57 0.00	33.18 -1.53 0.00	36.43 -1.72 0.00	38.97 -1.84 0.00	38.38 -2.02 0.00	39.21 -1.93 0.00	42.07 -2.17 0.00	43.39 -2.28 0.00	43.25 -2.47 0.00	42.22 -2.36 0.00	40.84 -2.10 0.00	41.99 -2.30 0.00	48.57 -2.88 0.00	52.28 -2.69 0.00	49.58 -2.61 0.00	46.66 -2.61 0.00	43.09 -2.36 0.00	42.04 -2.40 0.00	39.97 -2.37 0.00	41.05 -2.30 0.00
ROCHESTER_9_IC 23652	38.79 -1.83 0.00	35.16 -1.47 0.00	33.65 -1.51 0.00	32.93 -1.41 0.00	32.76 -1.40 0.00	33.39 -1.32 0.00	36.69 -1.45 0.00	39.21 -1.59 0.00	38.66 -1.74 0.00	39.50 -1.65 0.00	42.42 -1.81 0.00	43.75 -1.92 0.00	43.61 -2.10 0.00	42.58 -2.01 0.00	41.18 -1.76 0.00	42.34 -1.95 0.00	48.98 -2.47 0.00	52.72 -2.25 0.00	50.00 -2.19 0.00	47.06 -2.22 0.00	43.45 -2.00 0.00	42.39 -2.04 0.00	40.26 -2.07 0.00	41.35 -1.99 0.00
ROCKVIEW_13_KV_LD 356306	43.14 2.52 0.00	38.71 2.09 0.00	37.24 2.07 0.00	36.37 2.03 0.00	36.15 1.98 0.00	36.79 2.08 0.00	40.51 2.36 0.00	43.54 2.73 0.00	43.51 3.11 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.33 3.61 0.00	48.07 3.48 0.00	46.21 3.26 0.00	47.66 3.37 0.00	55.62 4.17 0.00	59.32 4.34 0.00	56.21 4.02 0.00	53.02 3.74 0.00	48.86 3.41 0.00	47.68 3.24 0.00	45.47 3.13 0.00	46.38 3.03 0.00
ROME____115KV_TB2 80656	41.64 1.02 0.00	37.62 0.99 0.00	36.05 0.88 0.00	35.20 0.86 0.00	35.02 0.85 0.00	35.51 0.80 0.00	39.06 0.92 0.00	41.78 0.98 0.00	41.41 1.01 0.00	42.25 1.11 0.00	45.47 1.24 0.00	46.86 1.19 0.00	46.86 1.14 0.00	45.70 1.11 0.00	44.10 1.16 0.00	45.49 1.20 0.00	52.90 1.44 0.00	56.68 1.70 0.00	53.60 1.41 0.00	50.65 1.38 0.00	46.77 1.32 0.00	45.73 1.29 0.00	43.36 1.02 0.00	44.30 0.95 0.00
ROSETON___1 23587	42.61 1.99 0.00	38.31 1.69 0.00	36.78 1.62 0.00	35.95 1.61 0.00	35.77 1.61 0.00	36.38 1.67 0.00	40.01 1.87 0.00	42.96 2.16 0.00	42.87 2.46 0.00	43.57 2.43 0.00	46.84 2.61 0.00	48.41 2.74 0.00	48.50 2.79 0.00	47.31 2.72 0.00	45.47 2.53 0.00	46.86 2.57 0.00	54.65 3.19 0.00	58.27 3.30 0.00	55.27 3.08 0.00	52.13 2.86 0.00	48.09 2.64 0.00	46.93 2.49 0.00	44.75 2.41 0.00	45.73 2.38 0.00
ROSETON___2 23588	42.61 1.99 0.00	38.31 1.69 0.00	36.78 1.62 0.00	35.95 1.61 0.00	35.77 1.61 0.00	36.38 1.67 0.00	40.01 1.87 0.00	42.96 2.16 0.00	42.87 2.46 0.00	43.57 2.43 0.00	46.84 2.61 0.00	48.41 2.74 0.00	48.50 2.79 0.00	47.31 2.72 0.00	45.47 2.53 0.00	46.86 2.57 0.00	54.65 3.19 0.00	58.27 3.30 0.00	55.27 3.08 0.00	52.13 2.86 0.00	48.09 2.64 0.00	46.93 2.49 0.00	44.75 2.41 0.00	45.73 2.38 0.00
ROTRRDAM_115KV_TB3 80664	42.00 1.38 0.00	37.83 1.21 0.00	36.36 1.20 0.00	35.47 1.13 0.00	35.26 1.09 0.00	35.89 1.18 0.00	39.44 1.30 0.00	42.23 1.43 0.00	41.81 1.41 0.00	42.50 1.36 0.00	45.74 1.50 0.00	47.23 1.55 0.00	47.27 1.55 0.00	46.10 1.52 0.00	44.40 1.46 0.00	45.80 1.51 0.00	53.36 1.90 0.00	56.95 1.98 0.00	54.12 1.93 0.00	51.05 1.77 0.00	47.09 1.64 0.00	46.04 1.60 0.00	43.91 1.57 0.00	44.95 1.60 0.00
RUSSELL___1 23602	38.92 -1.71 0.00	35.27 -1.36 0.00	33.76 -1.41 0.00	33.03 -1.30 0.00	32.87 -1.30 0.00	33.50 -1.21 0.00	36.81 -1.34 0.00	39.37 -1.43 0.00	38.78 -1.62 0.00	39.66 -1.48 0.00	42.64 -1.59 0.00	43.94 -1.74 0.00	43.84 -1.87 0.00	42.80 -1.78 0.00	41.40 -1.55 0.00	42.56 -1.73 0.00	49.24 -2.21 0.00	52.99 -1.98 0.00	50.26 -1.93 0.00	47.30 -1.97 0.00	43.68 -1.77 0.00	42.62 -1.82 0.00	40.48 -1.86 0.00	41.52 -1.82 0.00
RUSSELL___2 23532	38.92 -1.71 0.00	35.27 -1.36 0.00	33.76 -1.41 0.00	33.03 -1.30 0.00	32.87 -1.30 0.00	33.50 -1.21 0.00	36.81 -1.34 0.00	39.37 -1.43 0.00	38.78 -1.62 0.00	39.66 -1.48 0.00	42.64 -1.59 0.00	43.94 -1.74 0.00	43.84 -1.87 0.00	42.80 -1.78 0.00	41.40 -1.55 0.00	42.56 -1.73 0.00	49.24 -2.21 0.00	52.99 -1.98 0.00	50.26 -1.93 0.00	47.30 -1.97 0.00	43.68 -1.77 0.00	42.62 -1.82 0.00	40.48 -1.86 0.00	41.52 -1.82 0.00
RUSSELL___3 23549	38.92 -1.71 0.00	35.27 -1.36 0.00	33.76 -1.41 0.00	33.03 -1.30 0.00	32.87 -1.30 0.00	33.50 -1.21 0.00	36.81 -1.34 0.00	39.37 -1.43 0.00	38.78 -1.62 0.00	39.66 -1.48 0.00	42.64 -1.59 0.00	43.94 -1.74 0.00	43.84 -1.87 0.00	42.80 -1.78 0.00	41.40 -1.55 0.00	42.56 -1.73 0.00	49.24 -2.21 0.00	52.99 -1.98 0.00	50.26 -1.93 0.00	47.30 -1.97 0.00	43.68 -1.77 0.00	42.62 -1.82 0.00	40.48 -1.86 0.00	41.52 -1.82 0.00
RUSSELL___4 23556	38.92 -1.71 0.00	35.27 -1.36 0.00	33.76 -1.41 0.00	33.03 -1.30 0.00	32.87 -1.30 0.00	33.50 -1.21 0.00	36.81 -1.34 0.00	39.37 -1.43 0.00	38.78 -1.62 0.00	39.66 -1.48 0.00	42.64 -1.59 0.00	43.94 -1.74 0.00	43.84 -1.87 0.00	42.80 -1.78 0.00	41.40 -1.55 0.00	42.56 -1.73 0.00	49.24 -2.21 0.00	52.99 -1.98 0.00	50.26 -1.93 0.00	47.30 -1.97 0.00	43.68 -1.77 0.00	42.62 -1.82 0.00	40.48 -1.86 0.00	41.52 -1.82 0.00
RUSSELL___STATION 23914	38.92 -1.71 0.00	35.27 -1.36 0.00	33.76 -1.41 0.00	33.03 -1.30 0.00	32.87 -1.30 0.00	33.50 -1.21 0.00	36.81 -1.34 0.00	39.37 -1.43 0.00	38.78 -1.62 0.00	39.66 -1.48 0.00	42.64 -1.59 0.00	43.94 -1.74 0.00	43.84 -1.87 0.00	42.80 -1.78 0.00	41.40 -1.55 0.00	42.56 -1.73 0.00	49.24 -2.21 0.00	52.99 -1.98 0.00	50.26 -1.93 0.00	47.30 -1.97 0.00	43.68 -1.77 0.00	42.62 -1.82 0.00	40.48 -1.86 0.00	41.52 -1.82 0.00
S SALMON___HYD 24043	40.01 -0.61 0.00	36.11 -0.51 0.00	34.60 -0.56 0.00	33.79 -0.55 0.00	33.62 -0.55 0.00	34.09 -0.62 0.00	37.38 -0.76 0.00	39.99 -0.82 0.00	39.47 -0.93 0.00	40.20 -0.94 0.00	43.30 -0.93 0.00	44.71 -0.96 0.00	44.71 -1.01 0.00	43.56 -1.02 0.00	42.00 -0.94 0.00	43.41 -0.89 0.00	50.37 -1.08 0.00	53.93 -1.05 0.00	51.20 -0.99 0.00	48.34 -0.94 0.00	44.59 -0.87 0.00	43.59 -0.85 0.00	41.41 -0.93 0.00	42.39 -0.95 0.00
S.PERRY__115KV_TB1 80734	39.20 -1.42 0.00	35.56 -1.06 0.00	33.97 -1.20 0.00	33.28 -1.06 0.00	33.11 -1.06 0.00	33.77 -0.94 0.00	37.23 -0.92 0.00	39.82 -0.98 0.00	39.03 -1.37 0.00	39.66 -1.48 0.00	42.38 -1.86 0.00	43.66 -2.01 0.00	43.47 -2.24 0.00	42.36 -2.23 0.00	41.05 -1.89 0.00	42.48 -1.82 0.00	49.45 -2.01 0.00	53.65 -1.32 0.00	51.10 -1.10 0.00	48.14 -1.13 0.00	44.41 -1.05 0.00	43.28 -1.16 0.00	40.94 -1.40 0.00	42.00 -1.34 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.97 -3.66 0.00	33.70 -2.93 0.00	32.18 -2.99 0.00	31.56 -2.78 0.00	31.47 -2.70 0.00	31.83 -2.88 0.00	34.98 -3.17 0.00	37.33 -3.47 0.00	36.72 -3.68 0.00	37.44 -3.70 0.00	39.94 -4.29 0.00	41.20 -4.48 0.00	40.96 -4.75 0.00	40.00 -4.59 0.00	38.69 -4.25 0.00	39.77 -4.52 0.00	45.90 -5.56 0.00	49.70 -5.28 0.00	47.03 -5.17 0.00	44.20 -5.08 0.00	40.77 -4.68 0.00	39.86 -4.58 0.00	37.94 -4.40 0.00	39.23 -4.12 0.00

SAWYER___23_KV_LOAD 55526	36.97 -3.66 0.00	33.70 -2.93 0.00	32.18 -2.99 0.00	31.56 -2.78 0.00	31.47 -2.70 0.00	31.83 -2.88 0.00	34.98 -3.17 0.00	37.33 -3.47 0.00	36.72 -3.68 0.00	37.44 -3.70 0.00	39.94 -4.29 0.00	41.20 -4.48 0.00	40.96 -4.75 0.00	40.00 -4.59 0.00	38.69 -4.25 0.00	39.77 -4.52 0.00	45.90 -5.56 0.00	49.70 -5.28 0.00	47.03 -5.17 0.00	44.20 -5.08 0.00	40.77 -4.68 0.00	39.86 -4.58 0.00	37.94 -4.40 0.00	39.23 -4.12 0.00
SELKIRK___I 23801	42.17 1.54 0.00	37.98 1.36 0.00	36.50 1.34 0.00	35.61 1.27 0.00	35.39 1.23 0.00	36.00 1.29 0.00	39.52 1.37 0.00	42.27 1.47 0.00	41.85 1.45 0.00	42.54 1.40 0.00	45.78 1.55 0.00	47.31 1.64 0.00	47.36 1.64 0.00	46.19 1.60 0.00	44.49 1.54 0.00	45.93 1.64 0.00	53.41 1.95 0.00	56.95 1.98 0.00	54.13 1.93 0.00	51.14 1.87 0.00	47.18 1.73 0.00	46.17 1.73 0.00	44.03 1.70 0.00	45.12 1.78 0.00
SELKIRK___II 23799	41.92 1.30 0.00	37.72 1.10 0.00	36.22 1.05 0.00	35.37 1.03 0.00	35.16 0.99 0.00	35.79 1.08 0.00	39.33 1.18 0.00	42.07 1.27 0.00	41.77 1.37 0.00	42.46 1.32 0.00	45.74 1.50 0.00	47.27 1.60 0.00	47.31 1.60 0.00	46.15 1.56 0.00	44.40 1.46 0.00	45.75 1.46 0.00	53.15 1.70 0.00	56.68 1.71 0.00	53.86 1.67 0.00	50.90 1.62 0.00	46.91 1.45 0.00	45.90 1.46 0.00	43.78 1.44 0.00	44.82 1.47 0.00
SENECA OSWGO___HYD 24041	39.65 -0.98 0.00	35.79 -0.84 0.00	34.29 -0.88 0.00	33.52 -0.82 0.00	33.31 -0.85 0.00	33.85 -0.87 0.00	37.27 -0.88 0.00	39.82 -0.98 0.00	39.31 -1.09 0.00	40.03 -1.11 0.00	43.00 -1.24 0.00	44.44 -1.23 0.00	44.43 -1.28 0.00	43.29 -1.29 0.00	41.74 -1.20 0.00	43.10 -1.19 0.00	49.96 -1.49 0.00	53.60 -1.37 0.00	50.84 -1.36 0.00	47.99 -1.28 0.00	44.23 -1.23 0.00	43.19 -1.24 0.00	41.03 -1.31 0.00	42.00 -1.34 0.00
SENECA___115KV_TB3 355854	37.21 -3.41 0.00	33.88 -2.75 0.00	32.42 -2.74 0.00	31.76 -2.58 0.00	31.64 -2.53 0.00	31.97 -2.74 0.00	35.17 -2.98 0.00	37.58 -3.22 0.00	36.96 -3.43 0.00	37.69 -3.46 0.00	40.38 -3.85 0.00	41.47 -4.20 0.00	41.19 -4.53 0.00	40.26 -4.32 0.00	38.95 -3.99 0.00	40.04 -4.25 0.00	46.26 -5.19 0.00	50.03 -4.95 0.00	47.39 -4.80 0.00	44.54 -4.73 0.00	41.09 -4.36 0.00	40.13 -4.31 0.00	38.19 -4.15 0.00	39.53 -3.81 0.00
SENECA___ENERGY 23797	39.69 -0.93 0.00	35.86 -0.77 0.00	34.36 -0.81 0.00	33.55 -0.79 0.00	33.41 -0.75 0.00	33.98 -0.73 0.00	37.42 -0.73 0.00	40.03 -0.78 0.00	39.51 -0.89 0.00	40.28 -0.87 0.00	43.26 -0.97 0.00	44.71 -0.96 0.00	44.66 -1.05 0.00	43.52 -1.07 0.00	42.04 -0.90 0.00	43.32 -0.97 0.00	50.22 -1.24 0.00	53.93 -1.05 0.00	51.20 -0.99 0.00	48.24 -1.04 0.00	44.45 -1.00 0.00	43.42 -1.02 0.00	41.20 -1.14 0.00	42.22 -1.13 0.00
SHOEMAKER___GT 23640	42.41 1.79 0.00	38.16 1.54 0.00	36.64 1.48 0.00	35.82 1.48 0.00	35.63 1.47 0.00	36.20 1.49 0.00	39.82 1.68 0.00	42.72 1.92 0.00	42.58 2.18 0.00	43.24 2.10 0.00	46.44 2.21 0.00	47.96 2.28 0.00	48.09 2.38 0.00	46.90 2.32 0.00	45.09 2.15 0.00	46.55 2.26 0.00	54.23 2.78 0.00	57.88 2.91 0.00	54.91 2.71 0.00	51.78 2.51 0.00	47.77 2.32 0.00	46.70 2.27 0.00	44.54 2.20 0.00	45.47 2.12 0.00
SHOEMAKR_138KV_BK 111 55601	42.41 1.79 0.00	38.13 1.50 0.00	36.64 1.48 0.00	35.78 1.44 0.00	35.60 1.43 0.00	36.20 1.49 0.00	39.82 1.68 0.00	42.72 1.92 0.00	42.58 2.18 0.00	43.28 2.14 0.00	46.49 2.26 0.00	48.00 2.33 0.00	48.09 2.38 0.00	46.91 2.32 0.00	45.13 2.19 0.00	46.55 2.26 0.00	54.23 2.78 0.00	57.89 2.91 0.00	54.91 2.71 0.00	51.79 2.51 0.00	47.77 2.32 0.00	46.70 2.27 0.00	44.50 2.16 0.00	45.51 2.17 0.00
SHOREHAM_IC_1 23715	43.91 3.29 0.00	39.26 2.64 0.00	37.66 2.50 0.00	36.68 2.34 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.43 3.28 -0.01	44.36 3.55 -0.01	44.37 3.96 -0.01	44.97 3.83 0.00	48.27 4.02 -0.01	49.74 4.06 -0.01	53.88 4.12 -4.05	59.60 4.01 -10.99	65.46 3.95 -18.57	67.06 4.34 -18.43	75.34 5.45 -18.43	73.76 5.88 -12.90	70.82 5.43 -13.20	68.48 5.03 -14.17	66.00 4.46 -16.09	60.76 4.13 -12.18	48.49 3.98 -2.17	47.34 3.99 -0.01
SHOREHAM_IC_2 23716	44.07 3.45 0.00	39.26 2.64 0.00	37.80 2.64 0.00	36.78 2.44 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.43 3.28 -0.01	44.36 3.55 -0.01	44.37 3.96 -0.01	44.97 3.83 0.00	48.36 4.11 -0.01	49.75 4.06 -0.01	53.88 4.11 -4.05	59.60 4.01 -10.99	65.46 3.95 -18.57	67.06 4.34 -18.43	75.34 5.45 -18.43	73.70 5.83 -12.90	70.82 5.43 -13.20	68.47 5.03 -14.17	65.95 4.41 -16.09	60.76 4.13 -12.18	48.49 3.98 -2.17	47.39 4.03 -0.01
SISSONVILLE____ 23735	40.38 -0.24 0.00	36.52 -0.11 0.00	35.10 -0.07 0.00	34.27 -0.07 0.00	34.13 -0.03 0.00	34.43 -0.28 0.00	37.42 -0.72 0.00	40.03 -0.78 0.00	39.55 -0.85 0.00	40.61 -0.53 0.00	43.84 -0.40 0.00	45.12 -0.55 0.00	45.21 -0.50 0.00	44.14 -0.45 0.00	42.51 -0.43 0.00	43.67 -0.62 0.00	50.48 -0.98 0.00	53.54 -1.43 0.00	50.94 -1.25 0.00	48.34 -0.94 0.00	44.68 -0.77 0.00	43.73 -0.71 0.00	41.83 -0.51 0.00	42.96 -0.39 0.00
SITHE_IND_GS1 24169	39.36 -1.26 0.00	35.53 -1.10 0.00	34.08 -1.09 0.00	33.27 -1.06 0.00	33.11 -1.06 0.00	33.64 -1.08 0.00	36.96 -1.18 0.00	39.49 -1.31 0.00	38.91 -1.49 0.00	39.62 -1.52 0.00	42.51 -1.73 0.00	43.89 -1.78 0.00	43.93 -1.78 0.00	42.80 -1.78 0.00	41.31 -1.63 0.00	42.61 -1.68 0.00	49.39 -2.06 0.00	52.94 -2.03 0.00	50.21 -1.98 0.00	47.40 -1.87 0.00	43.68 -1.77 0.00	42.70 -1.73 0.00	40.64 -1.69 0.00	41.61 -1.74 0.00
SITHE_IND_GS2 24170	39.36 -1.26 0.00	35.53 -1.10 0.00	34.08 -1.09 0.00	33.27 -1.06 0.00	33.11 -1.06 0.00	33.64 -1.08 0.00	36.96 -1.18 0.00	39.49 -1.31 0.00	38.91 -1.49 0.00	39.62 -1.52 0.00	42.51 -1.73 0.00	43.89 -1.78 0.00	43.93 -1.78 0.00	42.80 -1.78 0.00	41.31 -1.63 0.00	42.61 -1.68 0.00	49.39 -2.06 0.00	52.94 -2.03 0.00	50.21 -1.98 0.00	47.40 -1.87 0.00	43.68 -1.77 0.00	42.70 -1.73 0.00	40.64 -1.69 0.00	41.61 -1.74 0.00
SITHE_IND_GS3 24171	39.36 -1.26 0.00	35.53 -1.10 0.00	34.08 -1.09 0.00	33.27 -1.06 0.00	33.11 -1.06 0.00	33.64 -1.08 0.00	36.96 -1.18 0.00	39.49 -1.31 0.00	38.91 -1.49 0.00	39.62 -1.52 0.00	42.51 -1.73 0.00	43.89 -1.78 0.00	43.93 -1.78 0.00	42.80 -1.78 0.00	41.31 -1.63 0.00	42.61 -1.68 0.00	49.39 -2.06 0.00	52.94 -2.03 0.00	50.21 -1.98 0.00	47.40 -1.87 0.00	43.68 -1.77 0.00	42.70 -1.73 0.00	40.64 -1.69 0.00	41.61 -1.74 0.00
SITHE_IND_GS4 24172	39.36 -1.26 0.00	35.53 -1.10 0.00	34.08 -1.09 0.00	33.27 -1.06 0.00	33.11 -1.06 0.00	33.64 -1.08 0.00	36.96 -1.18 0.00	39.49 -1.31 0.00	38.91 -1.49 0.00	39.62 -1.52 0.00	42.51 -1.73 0.00	43.89 -1.78 0.00	43.93 -1.78 0.00	42.80 -1.78 0.00	41.31 -1.63 0.00	42.61 -1.68 0.00	49.39 -2.06 0.00	52.94 -2.03 0.00	50.21 -1.98 0.00	47.40 -1.87 0.00	43.68 -1.77 0.00	42.70 -1.73 0.00	40.64 -1.69 0.00	41.61 -1.74 0.00

SITHE___BATAVIA 24024	38.10 -2.52 0.00	34.65 -1.98 0.00	33.16 -2.00 0.00	32.48 -1.85 0.00	32.32 -1.85 0.00	32.91 -1.81 0.00	36.08 -2.06 0.00	38.60 -2.20 0.00	37.93 -2.47 0.00	38.72 -2.43 0.00	41.62 -2.61 0.00	42.66 -3.02 0.00	42.42 -3.29 0.00	41.51 -3.08 0.00	40.19 -2.75 0.00	41.28 -3.01 0.00	47.70 -3.75 0.00	51.62 -3.36 0.00	49.01 -3.19 0.00	46.07 -3.20 0.00	42.54 -2.91 0.00	41.50 -2.93 0.00	39.42 -2.92 0.00	40.70 -2.65 0.00
SITHE___INDEPEND 23800	39.36 -1.26 0.00	35.53 -1.10 0.00	34.08 -1.09 0.00	33.28 -1.06 0.00	33.11 -1.06 0.00	33.64 -1.08 0.00	36.96 -1.18 0.00	39.50 -1.31 0.00	38.91 -1.49 0.00	39.62 -1.52 0.00	42.51 -1.73 0.00	43.89 -1.78 0.00	43.93 -1.78 0.00	42.85 -1.74 0.00	41.31 -1.63 0.00	42.61 -1.68 0.00	49.40 -2.06 0.00	52.94 -2.03 0.00	50.21 -1.98 0.00	47.40 -1.87 0.00	43.73 -1.73 0.00	42.71 -1.73 0.00	40.65 -1.69 0.00	41.57 -1.78 0.00
SITHE___MASSENA 23902	40.62 0.00 0.00	36.70 0.07 0.00	35.27 0.11 0.00	34.44 0.10 0.00	34.30 0.14 0.00	34.71 0.00 0.00	38.03 -0.11 0.00	40.64 -0.16 0.00	40.16 -0.24 0.00	41.06 -0.08 0.00	44.23 0.00 0.00	45.63 -0.05 0.00	45.71 0.00 0.00	44.59 0.00 0.00	42.94 0.00 0.00	44.29 0.00 0.00	51.35 -0.10 0.00	54.65 -0.33 0.00	51.98 -0.21 0.00	49.22 -0.05 0.00	45.50 0.05 0.00	44.48 0.04 0.00	42.42 0.08 0.00	43.52 0.17 0.00
SITHE___OGDNSBRG 24021	41.07 0.45 0.00	37.14 0.51 0.00	35.69 0.53 0.00	34.85 0.52 0.00	34.71 0.55 0.00	35.06 0.35 0.00	38.30 0.15 0.00	40.96 0.16 0.00	40.40 0.00 0.00	41.27 0.12 0.00	44.45 0.22 0.00	45.72 0.05 0.00	45.81 0.09 0.00	44.68 0.09 0.00	43.07 0.13 0.00	44.42 0.13 0.00	51.66 0.21 0.00	55.08 0.11 0.00	52.40 0.21 0.00	49.72 0.44 0.00	45.95 0.50 0.00	44.93 0.49 0.00	42.85 0.51 0.00	43.91 0.56 0.00
SITHE___STERLING 23777	41.39 0.77 0.00	37.40 0.77 0.00	35.83 0.67 0.00	34.99 0.65 0.00	34.81 0.65 0.00	35.34 0.63 0.00	38.91 0.76 0.00	41.62 0.82 0.00	41.21 0.81 0.00	42.01 0.87 0.00	45.21 0.97 0.00	46.59 0.91 0.00	46.58 0.87 0.00	45.43 0.85 0.00	43.80 0.86 0.00	45.18 0.89 0.00	52.54 1.08 0.00	56.29 1.32 0.00	53.29 1.10 0.00	50.36 1.08 0.00	46.45 1.00 0.00	45.37 0.93 0.00	43.06 0.72 0.00	44.04 0.69 0.00
SLEIGHT__34_KV_TB1 80719	39.12 -1.50 0.00	35.38 -1.25 0.00	33.86 -1.30 0.00	33.10 -1.24 0.00	32.97 -1.20 0.00	33.53 -1.18 0.00	36.92 -1.22 0.00	39.50 -1.31 0.00	38.95 -1.45 0.00	39.83 -1.32 0.00	42.77 -1.46 0.00	44.21 -1.46 0.00	44.11 -1.60 0.00	43.03 -1.56 0.00	41.57 -1.37 0.00	42.83 -1.46 0.00	49.55 -1.90 0.00	53.27 -1.70 0.00	50.52 -1.67 0.00	47.55 -1.72 0.00	43.91 -1.55 0.00	42.84 -1.60 0.00	40.60 -1.74 0.00	41.65 -1.69 0.00
SMITHTWN_69_KV_BK 1 55830	43.95 3.33 0.00	39.19 2.56 0.00	37.73 2.57 0.00	36.71 2.37 0.00	36.52 2.36 0.00	37.35 2.64 0.00	41.43 3.28 -0.01	44.40 3.59 -0.01	44.41 4.00 -0.01	45.01 3.87 0.00	48.36 4.11 -0.01	49.79 4.11 -0.01	53.99 4.21 -4.07	59.71 4.06 -11.06	65.57 3.95 -18.68	67.12 4.30 -18.54	75.45 5.45 -18.54	73.78 5.83 -12.98	70.80 5.32 -13.28	68.46 4.93 -14.26	65.95 4.32 -16.18	60.78 4.09 -12.26	48.46 3.94 -2.19	47.26 3.90 -0.01
SOUTH CAIRO___GT 23612	43.10 2.48 0.00	38.75 2.12 0.00	37.24 2.07 0.00	36.37 2.03 0.00	36.15 1.98 0.00	36.73 2.01 0.00	40.36 2.21 0.00	43.05 2.24 0.00	42.66 2.26 0.00	43.12 1.97 0.00	46.22 1.99 0.00	47.59 1.92 0.00	47.68 1.97 0.00	46.59 2.01 0.00	44.87 1.93 0.00	46.51 2.21 0.00	54.23 2.78 0.00	57.83 2.86 0.00	55.06 2.87 0.00	52.13 2.86 0.00	48.09 2.64 0.00	47.28 2.84 0.00	45.09 2.75 0.00	46.16 2.82 0.00
SOUTH HAMPTN___IC 23720	43.95 3.33 0.00	39.26 2.64 0.00	37.66 2.50 0.00	36.71 2.37 0.00	36.59 2.43 0.00	37.42 2.71 0.00	41.36 3.20 -0.01	44.28 3.47 -0.01	44.29 3.88 -0.01	44.93 3.78 0.00	48.31 4.07 -0.01	49.79 4.11 -0.01	53.96 4.20 -4.04	59.66 4.10 -10.98	65.56 4.08 -18.54	67.12 4.43 -18.40	75.41 5.56 -18.40	73.79 5.94 -12.88	70.80 5.43 -13.18	68.45 5.03 -14.15	65.92 4.41 -16.06	60.74 4.13 -12.16	48.45 3.94 -2.17	47.43 4.07 -0.01
SOUTHDOW_115KV_TB1 355954	36.60 -4.02 0.00	33.33 -3.30 0.00	31.79 -3.38 0.00	31.21 -3.12 0.00	31.16 -3.01 0.00	31.38 -3.33 0.00	34.63 -3.51 0.00	37.09 -3.71 0.00	36.48 -3.92 0.00	37.23 -3.91 0.00	39.54 -4.69 0.00	40.83 -4.84 0.00	40.50 -5.21 0.00	39.50 -5.08 0.00	38.22 -4.72 0.00	39.46 -4.83 0.00	45.64 -5.81 0.00	50.52 -4.45 0.00	47.86 -4.33 0.00	44.10 -5.17 0.00	40.55 -4.91 0.00	39.55 -4.89 0.00	37.60 -4.74 0.00	38.88 -4.46 0.00
SOUTHOLD_69_KV_BK 2 55809	43.95 3.33 0.00	39.12 2.49 0.00	37.70 2.53 0.00	36.64 2.30 0.00	36.45 2.29 0.00	37.28 2.57 0.00	41.05 2.90 -0.01	43.95 3.14 -0.01	43.96 3.56 -0.01	44.68 3.54 0.00	48.18 3.94 -0.01	49.61 3.93 -0.01	53.78 4.02 -4.04	59.49 3.92 -10.98	65.43 3.95 -18.54	66.99 4.30 -18.40	75.21 5.35 -18.40	73.52 5.66 -12.88	70.54 5.17 -13.18	68.20 4.78 -14.15	65.65 4.14 -16.06	60.47 3.87 -12.16	48.19 3.68 -2.17	47.43 4.07 -0.01
SOUTHOLD___IC 23719	43.79 3.17 0.00	39.12 2.49 0.00	37.52 2.36 0.00	36.54 2.20 0.00	36.45 2.29 0.00	37.28 2.57 0.00	41.05 2.90 -0.01	43.95 3.14 -0.01	43.97 3.56 -0.01	44.68 3.54 0.00	48.09 3.85 -0.01	49.61 3.93 -0.01	53.78 4.02 -4.04	59.49 3.92 -10.98	65.43 3.95 -18.54	66.99 4.30 -18.40	75.21 5.35 -18.40	73.52 5.66 -12.88	70.54 5.17 -13.18	68.20 4.78 -14.15	65.69 4.18 -16.06	60.47 3.86 -12.16	48.19 3.68 -2.17	47.39 4.03 -0.01
SOUTH_FORK_WT_PWR 323839	43.39 2.76 0.00	38.75 2.12 0.00	37.17 2.00 0.00	36.19 1.85 0.00	36.08 1.91 0.00	36.94 2.22 0.00	40.52 2.37 -0.01	43.38 2.57 -0.01	43.40 2.99 -0.01	44.14 3.00 0.00	47.56 3.32 -0.01	49.06 3.38 -0.01	53.23 3.47 -4.04	58.95 3.39 -10.98	64.87 3.39 -18.54	66.45 3.76 -18.40	74.49 4.63 -18.40	72.80 4.95 -12.88	69.81 4.43 -13.18	67.56 4.14 -14.15	65.06 3.55 -16.06	59.85 3.24 -12.16	47.64 3.13 -2.17	46.95 3.60 -0.01
SPIERFLS_115KV_TB 1 80737	43.55 2.92 0.00	39.19 2.56 0.00	37.73 2.57 0.00	36.71 2.37 0.00	36.49 2.32 0.00	37.21 2.50 0.00	40.93 2.78 0.00	43.82 3.02 0.00	43.27 2.87 0.00	43.94 2.80 0.00	47.29 3.05 0.00	48.92 3.24 0.00	48.82 3.11 0.00	47.49 2.90 0.00	45.86 2.92 0.00	47.22 2.92 0.00	55.16 3.70 0.00	58.88 3.90 0.00	56.06 3.86 0.00	52.82 3.55 0.00	48.82 3.36 0.00	47.77 3.33 0.00	45.51 3.18 0.00	46.64 3.29 0.00
ST LAWRENCE____ 23600	40.14 -0.49 0.00	36.26 -0.37 0.00	34.85 -0.32 0.00	34.03 -0.31 0.00	33.86 -0.31 0.00	34.33 -0.38 0.00	37.65 -0.50 0.00	40.27 -0.53 0.00	39.83 -0.57 0.00	40.61 -0.54 0.00	43.70 -0.53 0.00	45.08 -0.60 0.00	45.17 -0.55 0.00	44.05 -0.53 0.00	42.43 -0.51 0.00	43.81 -0.49 0.00	50.84 -0.62 0.00	54.20 -0.77 0.00	51.51 -0.68 0.00	48.73 -0.54 0.00	45.00 -0.45 0.00	44.04 -0.40 0.00	42.00 -0.34 0.00	43.04 -0.30 0.00

STATE_CA_115KV_115_LB 55624	42.25 1.62 0.00	38.02 1.39 0.00	36.54 1.37 0.00	35.64 1.30 0.00	35.43 1.26 0.00	36.07 1.35 0.00	39.63 1.49 0.00	42.39 1.59 0.00	42.10 1.70 0.00	42.83 1.69 0.00	46.18 1.95 0.00	47.73 2.06 0.00	47.77 2.06 0.00	46.59 2.01 0.00	44.83 1.89 0.00	46.20 1.90 0.00	53.62 2.16 0.00	57.17 2.20 0.00	54.28 2.09 0.00	51.34 2.07 0.00	47.32 1.86 0.00	46.35 1.91 0.00	44.20 1.86 0.00	45.25 1.91 0.00
STATE_ST_34_KV_LOAD 55959	40.22 -0.41 0.00	36.30 -0.33 0.00	34.74 -0.42 0.00	33.96 -0.38 0.00	33.79 -0.38 0.00	34.33 -0.38 0.00	37.84 -0.31 0.00	40.48 -0.33 0.00	39.96 -0.44 0.00	40.69 -0.45 0.00	43.66 -0.58 0.00	45.17 -0.50 0.00	45.12 -0.59 0.00	43.96 -0.62 0.00	42.47 -0.47 0.00	43.85 -0.44 0.00	50.89 -0.57 0.00	54.64 -0.33 0.00	51.88 -0.31 0.00	48.93 -0.34 0.00	45.09 -0.36 0.00	44.04 -0.40 0.00	41.75 -0.59 0.00	42.70 -0.65 0.00
STATION_5_MISC_HYD 23604	38.79 -1.83 0.00	35.16 -1.47 0.00	33.69 -1.48 0.00	32.93 -1.41 0.00	32.76 -1.40 0.00	33.39 -1.32 0.00	36.69 -1.45 0.00	39.21 -1.59 0.00	38.66 -1.74 0.00	39.50 -1.65 0.00	42.55 -1.68 0.00	43.76 -1.92 0.00	43.61 -2.10 0.00	42.63 -1.96 0.00	41.22 -1.72 0.00	42.34 -1.95 0.00	48.99 -2.47 0.00	52.72 -2.26 0.00	50.00 -2.19 0.00	47.06 -2.22 0.00	43.46 -2.00 0.00	42.40 -2.04 0.00	40.27 -2.07 0.00	41.40 -1.95 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.20 -1.42 0.00	35.45 -1.17 0.00	33.94 -1.23 0.00	33.17 -1.17 0.00	33.04 -1.13 0.00	33.64 -1.08 0.00	37.00 -1.14 0.00	39.58 -1.22 0.00	39.03 -1.37 0.00	39.87 -1.28 0.00	42.82 -1.42 0.00	44.21 -1.46 0.00	44.11 -1.60 0.00	43.07 -1.52 0.00	41.61 -1.33 0.00	42.87 -1.42 0.00	49.60 -1.85 0.00	53.32 -1.65 0.00	50.57 -1.62 0.00	47.60 -1.68 0.00	43.95 -1.50 0.00	42.88 -1.56 0.00	40.69 -1.65 0.00	41.74 -1.60 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.63 -1.99 0.00	35.01 -1.61 0.00	33.51 -1.65 0.00	32.76 -1.58 0.00	32.63 -1.54 0.00	33.25 -1.46 0.00	36.54 -1.60 0.00	39.05 -1.75 0.00	38.50 -1.90 0.00	39.33 -1.81 0.00	42.24 -1.99 0.00	43.57 -2.10 0.00	43.47 -2.24 0.00	42.45 -2.14 0.00	41.05 -1.89 0.00	42.21 -2.08 0.00	48.83 -2.62 0.00	52.50 -2.47 0.00	49.79 -2.40 0.00	46.86 -2.41 0.00	43.27 -2.18 0.00	42.22 -2.22 0.00	40.10 -2.24 0.00	41.18 -2.17 0.00
STA_56___34_KV_BUS2 355983	38.63 -1.99 0.00	35.01 -1.61 0.00	33.51 -1.65 0.00	32.76 -1.58 0.00	32.63 -1.54 0.00	33.25 -1.46 0.00	36.54 -1.60 0.00	39.05 -1.75 0.00	38.50 -1.90 0.00	39.33 -1.81 0.00	42.24 -1.99 0.00	43.57 -2.10 0.00	43.47 -2.24 0.00	42.45 -2.14 0.00	41.05 -1.89 0.00	42.21 -2.08 0.00	48.83 -2.62 0.00	52.50 -2.47 0.00	49.79 -2.40 0.00	46.86 -2.41 0.00	43.27 -2.18 0.00	42.22 -2.22 0.00	40.10 -2.24 0.00	41.18 -2.17 0.00
STA_67___115KV_BK2 355882	38.71 -1.91 0.00	35.09 -1.54 0.00	33.62 -1.55 0.00	32.86 -1.48 0.00	32.73 -1.43 0.00	33.32 -1.39 0.00	36.62 -1.53 0.00	39.13 -1.67 0.00	38.58 -1.82 0.00	39.41 -1.73 0.00	42.33 -1.90 0.00	43.62 -2.06 0.00	43.52 -2.19 0.00	42.49 -2.10 0.00	41.10 -1.85 0.00	42.25 -2.04 0.00	48.88 -2.57 0.00	52.61 -2.36 0.00	49.90 -2.30 0.00	46.96 -2.32 0.00	43.36 -2.09 0.00	42.31 -2.13 0.00	40.18 -2.16 0.00	41.26 -2.08 0.00
STA_7___115KV_9TRANS 80674	38.92 -1.71 0.00	35.27 -1.36 0.00	33.76 -1.41 0.00	33.03 -1.30 0.00	32.87 -1.30 0.00	33.50 -1.21 0.00	36.81 -1.34 0.00	39.37 -1.43 0.00	38.78 -1.62 0.00	39.66 -1.48 0.00	42.64 -1.59 0.00	43.94 -1.74 0.00	43.84 -1.87 0.00	42.80 -1.78 0.00	41.40 -1.55 0.00	42.56 -1.73 0.00	49.24 -2.21 0.00	52.99 -1.98 0.00	50.26 -1.93 0.00	47.30 -1.97 0.00	43.68 -1.77 0.00	42.62 -1.82 0.00	40.48 -1.86 0.00	41.52 -1.82 0.00
STA_82___115KV_TB1 80780	38.71 -1.91 0.00	35.09 -1.54 0.00	33.58 -1.58 0.00	32.86 -1.48 0.00	32.70 -1.47 0.00	33.32 -1.39 0.00	36.62 -1.53 0.00	39.13 -1.67 0.00	38.54 -1.86 0.00	39.37 -1.77 0.00	42.29 -1.95 0.00	43.62 -2.06 0.00	43.47 -2.24 0.00	42.45 -2.14 0.00	41.05 -1.89 0.00	42.21 -2.08 0.00	48.83 -2.62 0.00	52.55 -2.42 0.00	49.84 -2.35 0.00	46.91 -2.37 0.00	43.32 -2.14 0.00	42.26 -2.18 0.00	40.18 -2.16 0.00	41.26 -2.08 0.00
STEEL___WIND 323596	37.17 -3.45 0.00	33.81 -2.82 0.00	32.35 -2.81 0.00	31.73 -2.61 0.00	31.60 -2.56 0.00	31.93 -2.78 0.00	35.09 -3.05 0.00	37.53 -3.27 0.00	36.88 -3.52 0.00	37.65 -3.50 0.00	40.34 -3.89 0.00	41.38 -4.29 0.00	41.10 -4.62 0.00	40.17 -4.41 0.00	38.86 -4.08 0.00	39.95 -4.34 0.00	46.16 -5.30 0.00	49.97 -5.00 0.00	47.34 -4.85 0.00	44.45 -4.83 0.00	41.00 -4.45 0.00	40.04 -4.40 0.00	38.11 -4.23 0.00	39.49 -3.86 0.00
STEPHTWN_115KV_BK_2 55603	42.45 1.83 0.00	38.16 1.54 0.00	36.71 1.55 0.00	35.78 1.44 0.00	35.57 1.40 0.00	36.24 1.53 0.00	39.82 1.68 0.00	42.64 1.84 0.00	42.26 1.86 0.00	42.99 1.85 0.00	46.36 2.12 0.00	47.91 2.24 0.00	47.91 2.19 0.00	46.73 2.14 0.00	44.96 2.02 0.00	46.37 2.08 0.00	53.87 2.42 0.00	57.45 2.47 0.00	54.59 2.40 0.00	51.59 2.32 0.00	47.55 2.09 0.00	46.57 2.13 0.00	44.41 2.07 0.00	45.47 2.12 0.00
STEBEN_REC_LFGE 323667	37.05 -3.57 0.00	33.59 -3.04 0.00	32.07 -3.09 0.00	31.46 -2.88 0.00	31.33 -2.84 0.00	31.73 -2.99 0.00	35.13 -3.01 0.00	37.74 -3.06 0.00	37.09 -3.31 0.00	37.77 -3.37 0.00	40.16 -4.07 0.00	41.52 -4.16 0.00	41.33 -4.39 0.00	40.26 -4.32 0.00	38.99 -3.95 0.00	40.31 -3.99 0.00	46.88 -4.58 0.00	50.74 -4.23 0.00	48.23 -3.97 0.00	45.33 -3.94 0.00	41.77 -3.68 0.00	40.75 -3.69 0.00	38.53 -3.81 0.00	39.62 -3.73 0.00
STILLWATER___SOLAR 323814	43.02 2.40 0.00	38.71 2.09 0.00	37.24 2.07 0.00	36.30 1.96 0.00	36.08 1.91 0.00	36.72 2.01 0.00	40.39 2.25 0.00	43.25 2.45 0.00	42.74 2.34 0.00	43.40 2.26 0.00	46.71 2.48 0.00	48.27 2.60 0.00	48.27 2.56 0.00	47.08 2.50 0.00	45.43 2.49 0.00	46.82 2.52 0.00	54.59 3.14 0.00	58.27 3.30 0.00	55.43 3.24 0.00	52.28 3.01 0.00	48.23 2.77 0.00	47.19 2.76 0.00	44.97 2.63 0.00	46.03 2.69 0.00
STONY___BROOK 24151	43.79 3.17 0.00	39.15 2.53 0.00	37.56 2.39 0.00	36.57 2.23 0.00	36.49 2.32 0.00	37.32 2.60 0.00	41.39 3.24 -0.01	44.36 3.55 -0.01	44.37 3.96 -0.01	44.97 3.83 0.00	48.22 3.98 -0.01	49.74 4.06 -0.01	53.94 4.16 -4.06	59.64 4.01 -11.03	65.48 3.91 -18.63	67.04 4.25 -18.49	75.35 5.40 -18.50	73.69 5.77 -12.95	70.71 5.27 -13.25	68.33 4.83 -14.22	65.92 4.32 -16.14	60.71 4.04 -12.23	48.37 3.85 -2.18	47.17 3.82 -0.01
STURGEON_POOL_HYD 23609	42.73 2.11 0.00	38.38 1.76 0.00	36.89 1.72 0.00	36.06 1.72 0.00	35.87 1.71 0.00	36.45 1.74 0.00	40.09 1.95 0.00	42.96 2.16 0.00	42.95 2.55 0.00	43.61 2.47 0.00	46.84 2.61 0.00	48.32 2.65 0.00	48.50 2.79 0.00	47.31 2.72 0.00	45.39 2.45 0.00	46.91 2.61 0.00	54.64 3.19 0.00	58.22 3.24 0.00	55.22 3.03 0.00	52.13 2.86 0.00	48.05 2.59 0.00	47.06 2.62 0.00	44.88 2.54 0.00	45.90 2.56 0.00

ST_LAW_115_BK7_LBMP 345037	40.14 -0.49 0.00	36.26 -0.37 0.00	34.85 -0.32 0.00	34.03 -0.31 0.00	33.86 -0.31 0.00	34.33 -0.38 0.00	37.65 -0.50 0.00	40.27 -0.53 0.00	39.80 -0.60 0.00	40.61 -0.54 0.00	43.70 -0.53 0.00	45.08 -0.60 0.00	45.17 -0.55 0.00	44.10 -0.49 0.00	42.47 -0.47 0.00	43.81 -0.49 0.00	50.84 -0.62 0.00	54.20 -0.77 0.00	51.51 -0.68 0.00	48.73 -0.54 0.00	45.00 -0.45 0.00	44.04 -0.40 0.00	42.00 -0.34 0.00	43.04 -0.30 0.00
ST_LAW_115_BK8_LBMP 345038	40.14 -0.49 0.00	36.26 -0.37 0.00	34.85 -0.32 0.00	34.03 -0.31 0.00	33.86 -0.31 0.00	34.33 -0.38 0.00	37.65 -0.50 0.00	40.27 -0.53 0.00	39.80 -0.60 0.00	40.61 -0.54 0.00	43.70 -0.53 0.00	45.08 -0.60 0.00	45.17 -0.55 0.00	44.10 -0.49 0.00	42.47 -0.47 0.00	43.81 -0.49 0.00	50.84 -0.62 0.00	54.20 -0.77 0.00	51.51 -0.68 0.00	48.73 -0.54 0.00	45.00 -0.45 0.00	44.04 -0.40 0.00	42.00 -0.34 0.00	43.04 -0.30 0.00
ST_LAW_230_BK5_LBMP 345035	40.14 -0.49 0.00	36.26 -0.37 0.00	34.85 -0.32 0.00	34.03 -0.31 0.00	33.86 -0.31 0.00	34.33 -0.38 0.00	37.65 -0.50 0.00	40.27 -0.53 0.00	39.83 -0.57 0.00	40.61 -0.54 0.00	43.70 -0.53 0.00	45.08 -0.60 0.00	45.17 -0.55 0.00	44.05 -0.53 0.00	42.43 -0.51 0.00	43.81 -0.49 0.00	50.84 -0.62 0.00	54.20 -0.77 0.00	51.51 -0.68 0.00	48.73 -0.54 0.00	45.00 -0.45 0.00	44.04 -0.40 0.00	42.00 -0.34 0.00	43.04 -0.30 0.00
ST_LAW_230_BK6_LBMP 345036	40.14 -0.49 0.00	36.26 -0.37 0.00	34.85 -0.32 0.00	34.03 -0.31 0.00	33.86 -0.31 0.00	34.33 -0.38 0.00	37.65 -0.50 0.00	40.27 -0.53 0.00	39.83 -0.57 0.00	40.61 -0.54 0.00	43.70 -0.53 0.00	45.08 -0.60 0.00	45.17 -0.55 0.00	44.05 -0.53 0.00	42.43 -0.51 0.00	43.81 -0.49 0.00	50.84 -0.62 0.00	54.20 -0.77 0.00	51.51 -0.68 0.00	48.73 -0.54 0.00	45.00 -0.45 0.00	44.04 -0.40 0.00	42.00 -0.34 0.00	43.04 -0.30 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.57 1.95 0.00	38.27 1.65 0.00	36.78 1.62 0.00	35.92 1.58 0.00	35.74 1.57 0.00	36.34 1.63 0.00	40.01 1.87 0.00	42.92 2.12 0.00	42.82 2.42 0.00	43.53 2.39 0.00	46.75 2.52 0.00	48.28 2.60 0.00	48.41 2.70 0.00	47.22 2.63 0.00	45.39 2.45 0.00	46.82 2.52 0.00	54.59 3.14 0.00	58.22 3.24 0.00	55.22 3.03 0.00	52.08 2.81 0.00	48.00 2.55 0.00	46.93 2.49 0.00	44.75 2.41 0.00	45.69 2.34 0.00
SWANROAD_115KV_TB1 355699	36.44 -4.18 0.00	33.22 -3.41 0.00	31.75 -3.41 0.00	31.15 -3.19 0.00	31.06 -3.11 0.00	31.41 -3.30 0.00	34.40 -3.74 0.00	36.72 -4.08 0.00	36.08 -4.32 0.00	36.82 -4.32 0.00	39.28 -4.95 0.00	40.47 -5.21 0.00	40.23 -5.49 0.00	39.33 -5.26 0.00	38.05 -4.90 0.00	39.07 -5.23 0.00	45.07 -6.38 0.00	48.76 -6.21 0.00	46.14 -6.05 0.00	43.41 -5.86 0.00	40.05 -5.41 0.00	39.19 -5.24 0.00	37.30 -5.04 0.00	38.58 -4.77 0.00
SYNERGY___BIOGAS 323694	38.10 -2.52 0.00	34.65 -1.98 0.00	33.13 -2.04 0.00	32.45 -1.89 0.00	32.32 -1.84 0.00	32.91 -1.81 0.00	36.08 -2.06 0.00	38.60 -2.20 0.00	37.93 -2.46 0.00	38.72 -2.43 0.00	41.45 -2.79 0.00	42.66 -3.01 0.00	42.42 -3.29 0.00	41.46 -3.12 0.00	40.15 -2.79 0.00	41.28 -3.01 0.00	47.70 -3.76 0.00	51.62 -3.35 0.00	49.01 -3.18 0.00	46.07 -3.20 0.00	42.55 -2.91 0.00	41.51 -2.93 0.00	39.42 -2.92 0.00	40.66 -2.69 0.00
SYRACUSE___ENERGY_ST1 323597	40.22 -0.41 0.00	36.30 -0.33 0.00	34.78 -0.39 0.00	34.00 -0.34 0.00	33.79 -0.38 0.00	34.33 -0.38 0.00	37.80 -0.34 0.00	40.39 -0.41 0.00	39.92 -0.48 0.00	40.69 -0.45 0.00	43.66 -0.58 0.00	45.17 -0.50 0.00	45.17 -0.55 0.00	44.01 -0.58 0.00	42.47 -0.47 0.00	43.85 -0.44 0.00	50.84 -0.62 0.00	54.48 -0.49 0.00	51.67 -0.52 0.00	48.73 -0.54 0.00	44.95 -0.50 0.00	43.91 -0.53 0.00	41.66 -0.68 0.00	42.65 -0.69 0.00
SYRACUSE___ENERGY_ST2 323598	40.22 -0.41 0.00	36.30 -0.33 0.00	34.78 -0.39 0.00	34.00 -0.34 0.00	33.79 -0.38 0.00	34.33 -0.38 0.00	37.80 -0.34 0.00	40.39 -0.41 0.00	39.92 -0.48 0.00	40.69 -0.45 0.00	43.66 -0.58 0.00	45.17 -0.50 0.00	45.17 -0.55 0.00	44.01 -0.58 0.00	42.47 -0.47 0.00	43.85 -0.44 0.00	50.84 -0.62 0.00	54.48 -0.49 0.00	51.67 -0.52 0.00	48.73 -0.54 0.00	44.95 -0.50 0.00	43.91 -0.53 0.00	41.66 -0.68 0.00	42.65 -0.69 0.00
SYRACUSE___POWER 24017	40.17 -0.45 0.00	36.26 -0.37 0.00	34.74 -0.42 0.00	33.93 -0.41 0.00	33.75 -0.41 0.00	34.30 -0.42 0.00	37.76 -0.38 0.00	40.39 -0.41 0.00	39.88 -0.53 0.00	40.65 -0.49 0.00	43.61 -0.62 0.00	45.12 -0.55 0.00	45.12 -0.59 0.00	43.96 -0.62 0.00	42.43 -0.52 0.00	43.76 -0.53 0.00	50.79 -0.67 0.00	54.42 -0.55 0.00	51.62 -0.57 0.00	48.68 -0.59 0.00	44.91 -0.55 0.00	43.86 -0.58 0.00	41.62 -0.72 0.00	42.61 -0.74 0.00
TALLMAN_138KV_BK151 55660	42.73 2.11 0.00	38.38 1.76 0.00	36.89 1.72 0.00	36.06 1.72 0.00	35.87 1.71 0.00	36.48 1.77 0.00	40.17 2.02 0.00	43.13 2.33 0.00	43.11 2.71 0.00	43.78 2.63 0.00	47.06 2.83 0.00	48.64 2.97 0.00	48.73 3.02 0.00	47.49 2.90 0.00	45.69 2.75 0.00	47.13 2.83 0.00	54.95 3.50 0.00	58.60 3.63 0.00	55.53 3.34 0.00	52.38 3.10 0.00	48.27 2.82 0.00	47.15 2.71 0.00	44.96 2.63 0.00	45.90 2.56 0.00
TEALLAVE_115KV_TB7 355573	40.01 -0.61 0.00	36.11 -0.51 0.00	34.60 -0.56 0.00	33.79 -0.55 0.00	33.65 -0.51 0.00	34.16 -0.56 0.00	37.61 -0.53 0.00	40.23 -0.57 0.00	39.71 -0.69 0.00	40.48 -0.66 0.00	43.44 -0.80 0.00	44.94 -0.73 0.00	44.94 -0.78 0.00	43.83 -0.76 0.00	42.25 -0.69 0.00	43.58 -0.71 0.00	50.53 -0.93 0.00	54.15 -0.82 0.00	51.36 -0.84 0.00	48.44 -0.84 0.00	44.68 -0.77 0.00	43.64 -0.80 0.00	41.45 -0.89 0.00	42.39 -0.95 0.00
TELGRAPH_34_KV_EAST 80808	37.37 -3.25 0.00	34.03 -2.60 0.00	32.53 -2.64 0.00	31.87 -2.47 0.00	31.77 -2.39 0.00	32.21 -2.50 0.00	35.36 -2.78 0.00	37.78 -3.02 0.00	37.13 -3.27 0.00	37.89 -3.25 0.00	40.52 -3.72 0.00	41.74 -3.93 0.00	41.46 -4.25 0.00	40.53 -4.06 0.00	39.25 -3.69 0.00	40.31 -3.99 0.00	46.57 -4.89 0.00	50.36 -4.62 0.00	47.70 -4.49 0.00	44.89 -4.39 0.00	41.41 -4.05 0.00	40.48 -3.96 0.00	38.49 -3.85 0.00	39.75 -3.60 0.00
TEMPLE___115KV_TB 2 55572	40.05 -0.57 0.00	36.11 -0.51 0.00	34.60 -0.56 0.00	33.82 -0.52 0.00	33.65 -0.51 0.00	34.19 -0.52 0.00	37.65 -0.50 0.00	40.23 -0.57 0.00	39.71 -0.69 0.00	40.53 -0.62 0.00	43.48 -0.75 0.00	44.99 -0.69 0.00	44.98 -0.73 0.00	43.83 -0.76 0.00	42.30 -0.64 0.00	43.63 -0.66 0.00	50.58 -0.87 0.00	54.20 -0.77 0.00	51.41 -0.78 0.00	48.48 -0.79 0.00	44.68 -0.77 0.00	43.64 -0.80 0.00	41.45 -0.89 0.00	42.43 -0.91 0.00
TIANA____69_KV_BK 1 55817	44.12 3.49 0.00	39.30 2.67 0.00	37.87 2.71 0.00	36.81 2.47 0.00	36.62 2.46 0.00	37.45 2.74 0.00	41.47 3.32 -0.01	44.40 3.59 -0.01	44.41 4.00 -0.01	45.01 3.87 0.00	48.44 4.20 -0.01	49.84 4.16 -0.01	54.01 4.25 -0.01	59.71 4.15 -10.98	65.56 4.08 -18.54	67.16 4.47 -18.40	75.46 5.61 -18.40	73.85 5.99 -12.88	70.91 5.53 -13.18	68.55 5.12 -14.15	65.97 4.45 -16.06	60.82 4.22 -12.16	48.53 4.02 -2.17	47.52 4.16 -0.01

TILDEN___115KV_TB1 80814	40.17 -0.45 0.00	36.26 -0.37 0.00	34.74 -0.42 0.00	33.93 -0.41 0.00	33.75 -0.41 0.00	34.30 -0.42 0.00	37.76 -0.38 0.00	40.39 -0.41 0.00	39.88 -0.53 0.00	40.65 -0.49 0.00	43.61 -0.62 0.00	45.12 -0.55 0.00	45.12 -0.59 0.00	43.96 -0.62 0.00	42.43 -0.52 0.00	43.76 -0.53 0.00	50.79 -0.67 0.00	54.42 -0.55 0.00	51.62 -0.57 0.00	48.68 -0.59 0.00	44.91 -0.55 0.00	43.86 -0.58 0.00	41.62 -0.72 0.00	42.61 -0.74 0.00
TRIGEN___CC 323695	43.51 2.88 0.00	38.86 2.23 0.00	37.42 2.25 0.00	36.47 2.13 0.00	36.25 2.08 0.00	37.04 2.33 0.00	40.94 2.78 -0.02	43.96 3.14 -0.02	43.93 3.51 -0.02	44.60 3.46 0.00	47.74 3.49 -0.02	49.30 3.61 -0.02	56.64 3.61 -7.32	67.93 3.48 -19.86	79.79 3.31 -33.55	81.04 3.45 -33.29	89.07 4.32 -33.30	82.90 4.62 -23.31	80.27 4.23 -23.85	78.77 3.89 -25.61	77.97 3.45 -29.06	69.78 3.33 -22.01	49.53 3.26 -3.93	46.57 3.21 -0.02
TRINITY___115KV___4 BK 55933	42.08 1.46 0.00	37.87 1.25 0.00	36.40 1.23 0.00	35.51 1.17 0.00	35.33 1.16 0.00	35.93 1.21 0.00	39.48 1.34 0.00	42.23 1.43 0.00	41.94 1.54 0.00	42.67 1.52 0.00	46.00 1.77 0.00	47.55 1.87 0.00	47.59 1.87 0.00	46.42 1.83 0.00	44.66 1.72 0.00	46.02 1.73 0.00	53.41 1.96 0.00	56.95 1.98 0.00	54.07 1.88 0.00	51.15 1.87 0.00	47.14 1.68 0.00	46.17 1.73 0.00	44.03 1.69 0.00	45.08 1.73 0.00
UNION___PROCESSING_DRP 323587	38.71 -1.91 0.00	35.09 -1.54 0.00	33.58 -1.58 0.00	32.86 -1.48 0.00	32.73 -1.43 0.00	33.32 -1.39 0.00	36.62 -1.53 0.00	39.13 -1.67 0.00	38.54 -1.86 0.00	39.41 -1.73 0.00	42.29 -1.95 0.00	43.62 -2.06 0.00	43.47 -2.24 0.00	42.45 -2.14 0.00	41.05 -1.89 0.00	42.25 -2.04 0.00	48.83 -2.62 0.00	52.55 -2.42 0.00	49.84 -2.35 0.00	46.91 -2.37 0.00	43.32 -2.14 0.00	42.31 -2.13 0.00	40.18 -2.16 0.00	41.26 -2.08 0.00
UPPER HUDSON___HYD 24058	43.55 2.93 0.00	39.19 2.56 0.00	37.73 2.57 0.00	36.71 2.37 0.00	36.49 2.32 0.00	37.21 2.50 0.00	40.93 2.78 0.00	43.82 3.02 0.00	43.27 2.87 0.00	43.94 2.80 0.00	47.28 3.05 0.00	48.92 3.24 0.00	48.82 3.11 0.00	47.48 2.90 0.00	45.86 2.92 0.00	47.21 2.92 0.00	55.16 3.71 0.00	58.88 3.90 0.00	56.05 3.86 0.00	52.82 3.55 0.00	48.87 3.41 0.00	47.77 3.33 0.00	45.52 3.18 0.00	46.60 3.25 0.00
UPPER RAQUET___HYD 24056	40.38 -0.24 0.00	36.52 -0.11 0.00	35.10 -0.07 0.00	34.27 -0.07 0.00	34.13 -0.03 0.00	34.43 -0.28 0.00	37.42 -0.73 0.00	40.03 -0.78 0.00	39.55 -0.85 0.00	40.61 -0.54 0.00	43.83 -0.40 0.00	45.13 -0.55 0.00	45.21 -0.50 0.00	44.14 -0.45 0.00	42.51 -0.43 0.00	43.67 -0.62 0.00	50.48 -0.98 0.00	53.54 -1.43 0.00	50.94 -1.25 0.00	48.34 -0.94 0.00	44.68 -0.77 0.00	43.73 -0.71 0.00	41.83 -0.51 0.00	42.95 -0.39 0.00
VALLEY44_115KV_TB2 355964	37.33 -3.29 0.00	34.03 -2.60 0.00	32.49 -2.67 0.00	31.94 -2.40 0.00	31.84 -2.32 0.00	32.18 -2.53 0.00	35.43 -2.71 0.00	37.90 -2.90 0.00	37.29 -3.11 0.00	37.93 -3.21 0.00	40.34 -3.89 0.00	41.65 -4.02 0.00	41.37 -4.34 0.00	40.40 -4.19 0.00	39.03 -3.91 0.00	40.22 -4.07 0.00	46.67 -4.79 0.00	50.52 -4.45 0.00	47.86 -4.33 0.00	44.89 -4.39 0.00	41.36 -4.09 0.00	40.35 -4.09 0.00	38.36 -3.98 0.00	39.62 -3.73 0.00
VALLEY___115KV_TB 1-4 80826	42.21 1.58 0.00	38.05 1.43 0.00	36.50 1.34 0.00	35.64 1.30 0.00	35.46 1.30 0.00	36.03 1.32 0.00	39.56 1.41 0.00	42.27 1.47 0.00	41.85 1.45 0.00	42.67 1.52 0.00	45.87 1.64 0.00	47.36 1.69 0.00	47.36 1.65 0.00	46.19 1.61 0.00	44.49 1.55 0.00	45.89 1.59 0.00	53.36 1.90 0.00	57.01 2.03 0.00	54.02 1.83 0.00	51.05 1.77 0.00	47.05 1.59 0.00	46.04 1.60 0.00	43.91 1.57 0.00	44.95 1.60 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.04 1.42 0.00	37.91 1.28 0.00	36.36 1.20 0.00	35.51 1.17 0.00	35.33 1.16 0.00	35.86 1.15 0.00	39.48 1.34 0.00	42.27 1.47 0.00	42.06 1.66 0.00	42.91 1.77 0.00	46.18 1.95 0.00	47.64 1.96 0.00	47.63 1.92 0.00	46.46 1.87 0.00	44.75 1.80 0.00	46.11 1.82 0.00	53.72 2.26 0.00	57.45 2.47 0.00	54.38 2.19 0.00	51.34 2.07 0.00	47.32 1.86 0.00	46.22 1.78 0.00	43.95 1.61 0.00	44.95 1.60 0.00
VISCHER___FERRY HYD 24020	42.57 1.95 0.00	38.31 1.69 0.00	36.82 1.65 0.00	35.92 1.58 0.00	35.70 1.54 0.00	36.34 1.63 0.00	39.97 1.83 0.00	42.80 2.00 0.00	42.46 2.06 0.00	43.16 2.02 0.00	46.44 2.21 0.00	48.05 2.37 0.00	48.04 2.33 0.00	46.86 2.27 0.00	45.13 2.19 0.00	46.51 2.21 0.00	54.13 2.67 0.00	57.77 2.80 0.00	54.85 2.66 0.00	51.78 2.51 0.00	47.73 2.27 0.00	46.70 2.27 0.00	44.54 2.20 0.00	45.60 2.25 0.00
V_A_10_SYNC_DSASP 323832	37.41 -3.21 0.00	34.03 -2.60 0.00	32.53 -2.64 0.00	31.87 -2.47 0.00	31.74 -2.43 0.00	32.21 -2.50 0.00	35.36 -2.78 0.00	37.78 -3.02 0.00	37.17 -3.23 0.00	37.93 -3.21 0.00	40.52 -3.72 0.00	41.79 -3.88 0.00	41.60 -4.11 0.00	40.66 -3.92 0.00	39.33 -3.61 0.00	40.39 -3.90 0.00	46.67 -4.79 0.00	50.36 -4.62 0.00	47.65 -4.54 0.00	44.84 -4.43 0.00	41.41 -4.05 0.00	40.48 -3.96 0.00	38.53 -3.81 0.00	39.70 -3.64 0.00
V_CMM_10_SYNC_DSASP 323787	40.34 -0.28 0.00	36.41 -0.22 0.00	34.99 -0.18 0.00	34.20 -0.14 0.00	34.03 -0.14 0.00	34.50 -0.21 0.00	37.80 -0.34 0.00	40.43 -0.37 0.00	40.00 -0.40 0.00	40.81 -0.33 0.00	43.97 -0.27 0.00	45.31 -0.37 0.00	45.39 -0.32 0.00	44.32 -0.27 0.00	42.68 -0.26 0.00	44.03 -0.27 0.00	51.09 -0.36 0.00	54.42 -0.55 0.00	51.72 -0.47 0.00	48.98 -0.30 0.00	45.23 -0.23 0.00	44.22 -0.22 0.00	42.17 -0.17 0.00	43.26 -0.09 0.00
V_CMP_10_SYNC_DSASP 323788	40.01 -0.61 0.00	36.26 -0.37 0.00	34.92 -0.25 0.00	34.13 -0.21 0.00	33.96 -0.20 0.00	34.37 -0.35 0.00	37.65 -0.50 0.00	40.19 -0.61 0.00	39.67 -0.73 0.00	40.48 -0.66 0.00	43.57 -0.66 0.00	44.85 -0.82 0.00	44.94 -0.78 0.00	43.87 -0.71 0.00	42.30 -0.64 0.00	43.72 -0.58 0.00	50.79 -0.67 0.00	54.09 -0.88 0.00	51.57 -0.63 0.00	48.88 -0.39 0.00	45.18 -0.27 0.00	44.17 -0.27 0.00	42.21 -0.13 0.00	43.30 -0.04 0.00
V_D_10_SYNC_DSASP 323841	40.58 -0.04 0.00	36.70 0.07 0.00	35.27 0.11 0.00	34.44 0.10 0.00	34.30 0.14 0.00	34.71 0.00 0.00	37.99 -0.15 0.00	40.64 -0.16 0.00	40.16 -0.24 0.00	41.06 -0.08 0.00	44.23 0.00 0.00	45.63 -0.05 0.00	45.71 0.00 0.00	44.59 0.00 0.00	42.94 0.00 0.00	44.29 0.00 0.00	51.35 -0.10 0.00	54.64 -0.33 0.00	51.98 -0.21 0.00	49.22 -0.05 0.00	45.50 0.05 0.00	44.48 0.04 0.00	42.42 0.08 0.00	43.52 0.17 0.00
V_E_10_SYNC_DSASP 323830	42.08 1.46 0.00	38.02 1.39 0.00	36.26 1.09 0.00	35.40 1.06 0.00	35.26 1.09 0.00	35.68 0.97 0.00	39.48 1.34 0.00	42.23 1.43 0.00	41.81 1.41 0.00	42.67 1.52 0.00	45.74 1.50 0.00	47.09 1.42 0.00	46.99 1.28 0.00	45.84 1.25 0.00	44.53 1.59 0.00	46.02 1.73 0.00	53.82 2.37 0.00	57.89 2.91 0.00	54.65 2.45 0.00	51.69 2.41 0.00	47.64 2.18 0.00	46.22 1.78 0.00	43.61 1.27 0.00	44.43 1.08 0.00

V_F_30_NSYNC___DSASP 323816	43.06 2.44 0.00	38.71 2.09 0.00	37.24 2.07 0.00	36.30 1.96 0.00	36.08 1.91 0.00	36.76 2.05 0.00	40.39 2.25 0.00	43.25 2.45 0.00	42.78 2.38 0.00	43.45 2.30 0.00	46.75 2.52 0.00	48.32 2.65 0.00	48.32 2.61 0.00	47.13 2.54 0.00	45.43 2.49 0.00	46.86 2.57 0.00	54.59 3.14 0.00	58.27 3.30 0.00	55.43 3.24 0.00	52.28 3.01 0.00	48.23 2.77 0.00	47.19 2.76 0.00	44.96 2.63 0.00	46.08 2.73 0.00
V_F_30_SYNC_DSASP 323786	42.25 1.62 0.00	38.02 1.39 0.00	36.54 1.37 0.00	35.64 1.30 0.00	35.43 1.26 0.00	36.07 1.35 0.00	39.63 1.49 0.00	42.39 1.59 0.00	42.10 1.70 0.00	42.83 1.69 0.00	46.18 1.95 0.00	47.73 2.06 0.00	47.77 2.06 0.00	46.59 2.01 0.00	44.83 1.89 0.00	46.20 1.90 0.00	53.62 2.16 0.00	57.17 2.20 0.00	54.28 2.09 0.00	51.34 2.07 0.00	47.32 1.86 0.00	46.35 1.91 0.00	44.20 1.86 0.00	45.25 1.91 0.00
V_XM_10_SYNC_DSASP 323789	40.01 -0.61 0.00	36.26 -0.37 0.00	34.92 -0.25 0.00	34.13 -0.21 0.00	33.96 -0.20 0.00	34.37 -0.35 0.00	37.65 -0.50 0.00	40.19 -0.61 0.00	39.67 -0.73 0.00	40.48 -0.66 0.00	43.57 -0.66 0.00	44.85 -0.82 0.00	44.94 -0.78 0.00	43.87 -0.71 0.00	42.30 -0.64 0.00	43.72 -0.58 0.00	50.79 -0.67 0.00	54.09 -0.88 0.00	51.57 -0.63 0.00	48.88 -0.39 0.00	45.18 -0.27 0.00	44.17 -0.27 0.00	42.21 -0.13 0.00	43.30 -0.04 0.00
W.BABYLN_69_KV_BK1 56697	44.24 3.62 0.00	39.45 2.82 0.00	37.98 2.81 0.00	36.95 2.61 0.00	36.76 2.60 0.00	37.59 2.88 0.00	41.70 3.55 -0.01	44.73 3.92 -0.01	44.65 4.24 -0.01	45.26 4.11 0.00	48.62 4.38 -0.01	50.16 4.48 -0.01	54.74 4.53 -4.50	61.18 4.37 -12.23	67.80 4.21 -20.65	69.30 4.52 -20.49	77.66 5.71 -20.50	75.42 6.10 -14.35	72.46 5.58 -14.68	70.21 5.17 -15.76	67.93 4.59 -17.89	62.34 4.35 -13.55	48.95 4.19 -2.42	47.56 4.20 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.94 2.32 0.00	38.57 1.94 0.00	37.07 1.90 0.00	36.19 1.85 0.00	36.01 1.84 0.00	36.62 1.91 0.00	40.32 2.17 0.00	43.29 2.49 0.00	43.27 2.87 0.00	43.98 2.84 0.00	47.24 3.01 0.00	48.82 3.15 0.00	48.91 3.20 0.00	47.71 3.12 0.00	45.86 2.92 0.00	47.30 3.01 0.00	55.16 3.70 0.00	58.82 3.85 0.00	55.79 3.60 0.00	52.57 3.30 0.00	48.50 3.05 0.00	47.37 2.93 0.00	45.18 2.84 0.00	46.12 2.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.14 2.52 0.00	38.71 2.09 0.00	37.24 2.07 0.00	36.37 2.03 0.00	36.18 2.02 0.00	36.79 2.08 0.00	40.51 2.36 0.00	43.54 2.73 0.00	43.59 3.19 0.00	44.35 3.21 0.00	47.68 3.45 0.00	49.28 3.61 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.25 3.31 0.00	47.66 3.37 0.00	55.57 4.12 0.00	59.37 4.40 0.00	56.21 4.02 0.00	52.97 3.70 0.00	48.77 3.32 0.00	47.64 3.20 0.00	45.43 3.09 0.00	46.34 2.99 0.00
W50THST__13_KV_LOAD 356117	43.26 2.64 0.00	38.82 2.20 0.00	37.35 2.18 0.00	36.47 2.13 0.00	36.28 2.12 0.00	36.90 2.19 0.00	40.62 2.48 0.00	43.70 2.90 0.00	43.75 3.35 0.00	44.56 3.41 0.00	47.90 3.67 0.00	49.55 3.88 0.00	49.60 3.89 0.00	48.29 3.70 0.00	46.51 3.56 0.00	47.88 3.59 0.00	55.83 4.37 0.00	59.65 4.67 0.00	56.42 4.23 0.00	53.17 3.89 0.00	48.95 3.50 0.00	47.82 3.38 0.00	45.60 3.26 0.00	46.51 3.16 0.00
WADING RIVER_IC_1 23522	43.91 3.29 0.00	39.26 2.64 0.00	37.66 2.50 0.00	36.68 2.34 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.43 3.28 -0.01	44.36 3.55 -0.01	44.37 3.96 -0.01	44.97 3.83 0.00	48.27 4.02 -0.01	49.74 4.06 -0.01	53.91 4.16 -4.04	59.62 4.06 -10.97	65.47 3.99 -18.53	67.03 4.34 -18.39	75.30 5.45 -18.39	73.73 5.88 -12.88	70.80 5.43 -13.18	68.45 5.03 -14.15	65.96 4.46 -16.05	60.73 4.13 -12.16	48.49 3.98 -2.17	47.34 3.99 -0.01
WADING RIVER_IC_2 23547	43.91 3.29 0.00	39.26 2.64 0.00	37.66 2.50 0.00	36.68 2.34 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.43 3.28 -0.01	44.36 3.55 -0.01	44.37 3.96 -0.01	44.97 3.83 0.00	48.27 4.02 -0.01	49.74 4.06 -0.01	53.91 4.16 -4.04	59.62 4.06 -10.97	65.47 3.99 -18.53	67.03 4.34 -18.39	75.30 5.45 -18.39	73.73 5.88 -12.88	70.80 5.43 -13.18	68.45 5.03 -14.15	65.96 4.46 -16.05	60.73 4.13 -12.16	48.49 3.98 -2.17	47.34 3.99 -0.01
WADING RIVER_IC_3 23601	43.91 3.29 0.00	39.26 2.64 0.00	37.66 2.50 0.00	36.68 2.34 0.00	36.56 2.39 0.00	37.42 2.71 0.00	41.43 3.28 -0.01	44.36 3.55 -0.01	44.37 3.96 -0.01	44.97 3.83 0.00	48.27 4.02 -0.01	49.74 4.06 -0.01	53.91 4.16 -4.04	59.62 4.06 -10.97	65.47 3.99 -18.53	67.03 4.34 -18.39	75.30 5.45 -18.39	73.73 5.88 -12.88	70.80 5.43 -13.18	68.45 5.03 -14.15	65.96 4.46 -16.05	60.73 4.13 -12.16	48.49 3.98 -2.17	47.34 3.99 -0.01
WALDENNY_12_KV_BK2 80841	37.17 -3.45 0.00	33.84 -2.78 0.00	32.32 -2.85 0.00	31.73 -2.61 0.00	31.64 -2.53 0.00	31.97 -2.74 0.00	35.13 -3.01 0.00	37.54 -3.26 0.00	36.92 -3.47 0.00	37.69 -3.46 0.00	40.16 -4.07 0.00	41.42 -4.25 0.00	41.14 -4.57 0.00	40.22 -4.37 0.00	38.91 -4.04 0.00	40.00 -4.30 0.00	46.21 -5.25 0.00	49.97 -5.00 0.00	47.34 -4.85 0.00	44.49 -4.78 0.00	41.00 -4.45 0.00	40.08 -4.35 0.00	38.15 -4.19 0.00	39.44 -3.90 0.00
WALDEN___HYDRO 24148	42.77 2.15 0.00	38.42 1.79 0.00	36.92 1.76 0.00	36.09 1.75 0.00	35.91 1.74 0.00	36.48 1.77 0.00	40.17 2.02 0.00	43.05 2.24 0.00	42.99 2.59 0.00	43.65 2.51 0.00	46.89 2.65 0.00	48.41 2.74 0.00	48.55 2.83 0.00	47.35 2.76 0.00	45.52 2.58 0.00	46.99 2.70 0.00	54.80 3.34 0.00	58.38 3.41 0.00	55.38 3.18 0.00	52.28 3.01 0.00	48.18 2.73 0.00	47.15 2.71 0.00	44.96 2.63 0.00	45.90 2.56 0.00
WARRENSBURG____ 23737	43.55 2.92 0.00	39.19 2.56 0.00	37.73 2.57 0.00	36.71 2.37 0.00	36.49 2.32 0.00	37.21 2.50 0.00	40.93 2.78 0.00	43.82 3.02 0.00	43.27 2.87 0.00	43.94 2.80 0.00	47.29 3.05 0.00	48.92 3.24 0.00	48.82 3.11 0.00	47.49 2.90 0.00	45.86 2.92 0.00	47.22 2.92 0.00	55.16 3.70 0.00	58.88 3.90 0.00	56.06 3.86 0.00	52.82 3.55 0.00	48.82 3.36 0.00	47.77 3.33 0.00	45.51 3.18 0.00	46.64 3.29 0.00
WATERSIDE___6 8 9 23538	43.43 2.80 -0.01	38.98 2.34 -0.01	37.46 2.29 -0.01	36.61 2.27 -0.01	36.39 2.22 -0.01	37.04 2.33 0.00	40.70 2.56 0.00	43.66 2.86 0.00	43.63 3.23 0.00	44.35 3.21 0.00	47.73 3.49 0.00	49.33 3.65 0.00	49.42 3.70 0.00	48.15 3.57 0.00	46.31 3.35 -0.02	47.75 3.45 0.00	55.73 4.27 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.95 3.50 0.00	47.82 3.38 0.00	45.64 3.30 0.00	46.65 3.29 -0.01
WATKINRD_115KV_LN8_ILLION 55919	41.80 1.18 0.00	37.69 1.06 0.00	36.19 1.02 0.00	35.34 1.00 0.00	35.16 0.99 0.00	35.72 1.01 0.00	39.21 1.07 0.00	41.90 1.10 0.00	41.53 1.13 0.00	42.30 1.15 0.00	45.47 1.24 0.00	46.95 1.28 0.00	46.95 1.23 0.00	45.79 1.20 0.00	44.10 1.16 0.00	45.49 1.20 0.00	52.90 1.44 0.00	56.51 1.54 0.00	53.60 1.41 0.00	50.60 1.33 0.00	46.68 1.23 0.00	45.64 1.20 0.00	43.53 1.19 0.00	44.56 1.21 0.00

WDELAWARE___HYD 323627	42.98 2.36 0.00	38.64 2.01 0.00	37.10 1.93 0.00	36.26 1.92 0.00	36.08 1.91 0.00	36.62 1.91 0.00	40.32 2.17 0.00	43.17 2.37 0.00	43.11 2.71 0.00	43.78 2.64 0.00	46.93 2.70 0.00	48.41 2.74 0.00	48.55 2.84 0.00	47.35 2.77 0.00	45.52 2.58 0.00	47.08 2.79 0.00	54.90 3.45 0.00	58.49 3.52 0.00	55.48 3.29 0.00	52.43 3.16 0.00	48.37 2.91 0.00	47.33 2.89 0.00	45.13 2.79 0.00	46.08 2.73 0.00
WEST BABYLON___IC 23714	44.24 3.62 0.00	39.45 2.82 0.00	37.98 2.81 0.00	36.95 2.61 0.00	36.76 2.60 0.00	37.59 2.88 0.00	41.70 3.55 -0.01	44.73 3.92 -0.01	44.65 4.24 -0.01	45.26 4.11 0.00	48.62 4.38 -0.01	50.16 4.48 -0.01	54.74 4.53 -4.50	61.18 4.37 -12.23	67.80 4.21 -20.65	69.30 4.52 -20.49	77.66 5.71 -20.50	75.42 6.10 -14.35	72.46 5.58 -14.68	70.21 5.17 -15.76	67.93 4.59 -17.89	62.34 4.35 -13.55	48.95 4.19 -2.42	47.56 4.20 -0.01
WEST CANADA___HYD 24049	40.83 0.20 0.00	36.81 0.18 0.00	35.34 0.18 0.00	34.51 0.17 0.00	34.34 0.17 0.00	34.89 0.17 0.00	38.34 0.19 0.00	41.01 0.21 0.00	40.64 0.24 0.00	41.39 0.25 0.00	44.50 0.27 0.00	45.95 0.28 0.00	45.99 0.28 0.00	44.86 0.27 0.00	43.20 0.26 0.00	44.56 0.27 0.00	51.77 0.31 0.00	55.30 0.33 0.00	52.46 0.26 0.00	49.52 0.25 0.00	45.68 0.23 0.00	44.66 0.22 0.00	42.60 0.26 0.00	43.56 0.22 0.00
WESTERN_NY_WIND 24143	38.02 -2.60 0.00	34.58 -2.05 0.00	33.06 -2.11 0.00	32.38 -1.96 0.00	32.29 -1.88 0.00	32.84 -1.87 0.00	36.01 -2.14 0.00	38.52 -2.28 0.00	37.85 -2.55 0.00	38.63 -2.51 0.00	41.31 -2.92 0.00	42.57 -3.11 0.00	42.29 -3.43 0.00	41.33 -3.25 0.00	40.06 -2.88 0.00	41.15 -3.14 0.00	47.60 -3.86 0.00	51.51 -3.46 0.00	48.85 -3.34 0.00	45.92 -3.35 0.00	42.41 -3.05 0.00	41.42 -3.02 0.00	39.33 -3.01 0.00	40.53 -2.82 0.00
WESTOVER___LESR 323668	40.13 -0.49 0.00	36.26 -0.37 0.00	34.74 -0.42 0.00	34.00 -0.34 0.00	33.82 -0.34 0.00	34.33 -0.38 0.00	37.80 -0.34 0.00	40.48 -0.33 0.00	40.00 -0.40 0.00	40.77 -0.37 0.00	43.66 -0.58 0.00	45.12 -0.55 0.00	45.07 -0.64 0.00	43.96 -0.62 0.00	42.43 -0.52 0.00	43.76 -0.53 0.00	50.84 -0.62 0.00	54.53 -0.44 0.00	51.72 -0.47 0.00	48.78 -0.49 0.00	44.95 -0.50 0.00	43.86 -0.58 0.00	41.66 -0.68 0.00	42.70 -0.65 0.00
WETHRSFD_WT_PWR 323626	36.76 -3.86 0.00	33.44 -3.19 0.00	32.00 -3.16 0.00	31.32 -3.02 0.00	31.19 -2.97 0.00	31.55 -3.16 0.00	34.75 -3.39 0.00	37.17 -3.63 0.00	36.56 -3.84 0.00	37.23 -3.91 0.00	39.81 -4.42 0.00	40.92 -4.75 0.00	40.73 -4.98 0.00	39.77 -4.82 0.00	38.48 -4.47 0.00	39.64 -4.65 0.00	45.95 -5.50 0.00	49.70 -5.28 0.00	47.13 -5.06 0.00	44.25 -5.03 0.00	40.82 -4.64 0.00	39.86 -4.58 0.00	37.89 -4.45 0.00	39.14 -4.20 0.00
WHAVSTOR_138KV_BK127 55557	42.73 2.11 0.00	38.38 1.76 0.00	36.89 1.72 0.00	36.06 1.72 0.00	35.87 1.71 0.00	36.48 1.77 0.00	40.17 2.02 0.00	43.13 2.33 0.00	43.07 2.67 0.00	43.78 2.63 0.00	47.06 2.83 0.00	48.64 2.97 0.00	48.73 3.02 0.00	47.49 2.90 0.00	45.69 2.75 0.00	47.08 2.79 0.00	54.95 3.50 0.00	58.60 3.63 0.00	55.53 3.34 0.00	52.38 3.10 0.00	48.27 2.82 0.00	47.15 2.71 0.00	44.96 2.63 0.00	45.90 2.56 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.73 2.11 0.00	38.38 1.76 0.00	36.89 1.72 0.00	36.06 1.72 0.00	35.87 1.71 0.00	36.48 1.77 0.00	40.17 2.02 0.00	43.13 2.33 0.00	43.07 2.67 0.00	43.78 2.63 0.00	47.06 2.83 0.00	48.64 2.97 0.00	48.73 3.02 0.00	47.49 2.90 0.00	45.69 2.75 0.00	47.08 2.79 0.00	54.95 3.50 0.00	58.60 3.63 0.00	55.53 3.34 0.00	52.38 3.10 0.00	48.27 2.82 0.00	47.15 2.71 0.00	44.96 2.63 0.00	45.90 2.56 0.00
WHITEHAL_115KV_TB1 80871	44.48 3.86 0.00	40.00 3.37 0.00	38.54 3.38 0.00	37.46 3.12 0.00	37.24 3.07 0.00	38.01 3.30 0.00	41.84 3.70 0.00	44.80 4.00 0.00	44.08 3.68 0.00	44.72 3.58 0.00	48.13 3.89 0.00	49.74 4.06 0.00	49.60 3.89 0.00	48.29 3.70 0.00	46.68 3.74 0.00	48.10 3.81 0.00	56.24 4.79 0.00	60.14 5.17 0.00	57.31 5.11 0.00	54.05 4.78 0.00	49.91 4.45 0.00	48.79 4.35 0.00	46.49 4.15 0.00	47.59 4.25 0.00
WHITEPLN_13_KV_LOAD 356215	43.30 2.68 0.00	38.86 2.23 0.00	37.38 2.22 0.00	36.50 2.16 0.00	36.28 2.12 0.00	36.90 2.19 0.00	40.62 2.48 0.00	43.66 2.86 0.00	43.67 3.27 0.00	44.35 3.21 0.00	47.73 3.49 0.00	49.37 3.70 0.00	49.51 3.79 0.00	48.29 3.70 0.00	46.38 3.44 0.00	47.88 3.59 0.00	55.98 4.53 0.00	59.59 4.62 0.00	56.42 4.23 0.00	53.21 3.94 0.00	49.05 3.59 0.00	47.86 3.42 0.00	45.60 3.26 0.00	46.55 3.21 0.00
WM_FLOYD_69_KV_BK2 356380	44.07 3.45 0.00	39.26 2.64 0.00	37.80 2.64 0.00	36.78 2.44 0.00	36.59 2.43 0.00	37.42 2.71 0.00	41.47 3.32 -0.01	44.40 3.59 -0.01	44.41 4.00 -0.01	45.01 3.87 0.00	48.36 4.11 -0.01	49.75 4.06 -0.01	53.93 4.16 -4.05	59.65 4.06 -11.00	65.51 3.99 -18.58	67.07 4.34 -18.44	75.35 5.45 -18.44	73.71 5.83 -12.91	70.83 5.43 -13.21	68.48 5.03 -14.18	65.96 4.41 -16.09	60.81 4.18 -12.19	48.50 3.98 -2.18	47.39 4.03 -0.01
WOODARD___115KV_TB2 355635	40.01 -0.61 0.00	36.08 -0.55 0.00	34.60 -0.56 0.00	33.79 -0.55 0.00	33.62 -0.55 0.00	34.16 -0.56 0.00	37.57 -0.57 0.00	40.19 -0.61 0.00	39.67 -0.73 0.00	40.44 -0.70 0.00	43.39 -0.84 0.00	44.90 -0.78 0.00	44.89 -0.82 0.00	43.74 -0.85 0.00	42.21 -0.73 0.00	43.54 -0.75 0.00	50.48 -0.98 0.00	54.09 -0.88 0.00	51.31 -0.89 0.00	48.39 -0.89 0.00	44.64 -0.82 0.00	43.59 -0.84 0.00	41.41 -0.93 0.00	42.39 -0.95 0.00
WOODMERE_69_KV_BK1 55827	43.99 3.37 0.00	39.26 2.64 0.00	37.80 2.64 0.00	36.81 2.47 0.00	36.59 2.43 0.00	37.39 2.67 0.00	41.36 3.20 -0.02	44.41 3.59 -0.02	44.37 3.96 -0.02	45.05 3.91 0.00	48.27 4.03 -0.02	49.84 4.16 -0.02	56.79 4.16 -6.92	67.39 4.01 -18.79	78.49 3.82 -31.73	79.81 4.03 -31.49	87.94 4.99 -31.49	82.30 5.28 -22.05	79.61 4.85 -22.56	77.98 4.48 -24.22	76.99 4.05 -27.49	69.17 3.91 -20.82	49.82 3.77 -3.72	47.13 3.77 -0.02
YORK___WARBASSE 23770	43.39 2.76 -0.01	38.94 2.31 -0.01	37.42 2.25 -0.01	36.55 2.20 -0.01	36.32 2.15 -0.01	36.93 2.22 0.00	40.59 2.44 0.00	43.49 2.69 0.00	43.47 3.07 0.00	44.23 3.09 0.00	47.60 3.36 0.00	49.23 3.56 0.00	49.37 3.66 0.00	48.07 3.48 0.00	46.22 3.26 -0.02	47.70 3.41 0.00	55.67 4.22 0.00	59.43 4.45 0.00	56.37 4.18 0.00	53.12 3.84 0.00	48.91 3.45 0.00	47.77 3.33 0.00	45.68 3.34 0.00	46.69 3.34 -0.01