

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/18/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	37.09	33.24	33.57	34.91	37.38	35.65	52.88	60.31	56.59	52.73	40.09	38.42	39.43	41.46	49.86	55.02	107.18	85.49	57.81	50.68	46.25	47.92	44.42	42.94
24138	1.58	1.37	1.22	1.35	1.51	1.52	2.46	3.49	2.86	2.72	1.95	2.15	2.21	2.15	2.36	2.85	6.21	5.30	3.73	3.09	2.46	2.16	1.86	1.82
	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	37.10	33.27	33.59	34.92	37.42	35.70	52.92	60.32	56.59	52.72	40.09	38.40	39.40	41.44	49.83	55.02	107.13	85.48	57.80	50.70	46.27	47.94	44.43	42.98
24260	1.59	1.39	1.24	1.35	1.55	1.57	2.50	3.51	2.86	2.71	1.95	2.14	2.18	2.12	2.33	2.84	6.16	5.30	3.72	3.12	2.48	2.18	1.87	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	37.10	33.27	33.59	34.92	37.42	35.70	52.92	60.32	56.59	52.72	40.09	38.40	39.40	41.44	49.83	55.02	107.13	85.48	57.80	50.70	46.27	47.94	44.43	42.98
24261	1.59	1.39	1.24	1.35	1.55	1.57	2.50	3.51	2.86	2.71	1.95	2.14	2.18	2.12	2.33	2.84	6.16	5.30	3.72	3.12	2.48	2.18	1.87	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	36.55	32.73	33.38	34.78	37.21	35.40	52.61	59.90	56.10	51.36	38.62	36.70	38.04	40.56	49.05	54.39	107.29	85.03	57.58	50.55	46.09	47.96	44.31	42.93
24011	1.03	0.85	1.03	1.21	1.34	1.27	2.18	3.08	2.36	1.35	0.48	0.43	0.82	1.24	1.55	2.21	6.32	4.84	3.50	2.96	2.29	2.20	1.75	1.81
	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	36.58	32.76	33.42	34.88	37.35	35.60	52.90	60.30	56.47	51.56	38.67	36.71	38.13	40.78	49.30	54.71	108.11	85.51	57.97	50.90	46.33	48.12	44.44	43.09
23798	1.06	0.88	1.08	1.32	1.48	1.47	2.48	3.49	2.74	1.55	0.52	0.44	0.91	1.46	1.80	2.53	7.14	5.33	3.89	3.31	2.53	2.36	1.87	1.97
	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	36.55	32.73	33.38	34.78	37.21	35.40	52.61	59.90	56.10	51.36	38.62	36.70												

ALBANY___2 23572	35.58 0.06 0.00	31.94 0.06 0.00	32.47 0.12 0.00	33.68 0.11 0.00	35.98 0.11 0.00	34.28 0.15 0.00	50.72 0.30 0.00	57.54 0.73 0.00	54.02 0.29 0.00	49.95 -0.06 0.00	37.81 -0.33 0.00	36.03 -0.23 0.00	37.03 -0.19 0.00	39.24 -0.08 0.00	47.47 -0.04 0.00	52.47 0.29 0.00	102.59 1.62 0.00	81.52 1.33 0.00	55.09 1.01 0.00	48.38 0.79 0.00	44.28 0.48 0.00	46.05 0.30 0.00	42.71 0.15 0.00	41.26 0.14 0.00
ALBANY___3 23573	35.58 0.06 0.00	31.94 0.06 0.00	32.47 0.12 0.00	33.68 0.11 0.00	35.98 0.11 0.00	34.28 0.15 0.00	50.72 0.30 0.00	57.54 0.73 0.00	54.02 0.29 0.00	49.95 -0.06 0.00	37.81 -0.33 0.00	36.03 -0.23 0.00	37.03 -0.19 0.00	39.24 -0.08 0.00	47.47 -0.04 0.00	52.47 0.29 0.00	102.59 1.62 0.00	81.52 1.33 0.00	55.09 1.01 0.00	48.38 0.79 0.00	44.28 0.48 0.00	46.05 0.30 0.00	42.71 0.15 0.00	41.26 0.14 0.00
ALBANY___4 23574	35.58 0.06 0.00	31.94 0.06 0.00	32.47 0.12 0.00	33.68 0.11 0.00	35.98 0.11 0.00	34.28 0.15 0.00	50.72 0.30 0.00	57.54 0.73 0.00	54.02 0.29 0.00	49.95 -0.06 0.00	37.81 -0.33 0.00	36.03 -0.23 0.00	37.03 -0.19 0.00	39.24 -0.08 0.00	47.47 -0.04 0.00	52.47 0.29 0.00	102.59 1.62 0.00	81.52 1.33 0.00	55.09 1.01 0.00	48.38 0.79 0.00	44.28 0.48 0.00	46.05 0.30 0.00	42.71 0.15 0.00	41.26 0.14 0.00
ALBANY___LFGE 323615	35.94 0.42 0.00	32.25 0.37 0.00	32.77 0.42 0.00	34.00 0.44 0.00	36.34 0.47 0.00	34.64 0.51 0.00	51.30 0.88 0.00	58.21 1.40 0.00	54.64 0.90 0.00	50.53 0.52 0.00	38.25 0.10 0.00	36.44 0.17 0.00	37.47 0.25 0.00	39.70 0.39 0.00	48.01 0.51 0.00	53.08 0.91 0.00	103.84 2.87 0.00	82.49 2.30 0.00	55.73 1.66 0.00	48.95 1.37 0.00	44.78 0.99 0.00	46.56 0.80 0.00	43.18 0.62 0.00	41.71 0.59 0.00
ALCOA_PA_115KV_PL-6C 55860	35.99 0.48 0.00	32.32 0.44 0.00	32.78 0.43 0.00	34.03 0.47 0.00	36.38 0.51 0.00	34.60 0.47 0.00	51.03 0.61 0.00	57.12 0.30 0.00	54.42 0.68 0.00	50.66 0.65 0.00	38.85 0.71 0.00	36.85 0.59 0.00	37.76 0.54 0.00	40.03 0.71 0.00	48.57 1.07 0.00	53.00 0.82 0.00	101.74 0.77 0.00	80.61 0.43 0.00	54.27 0.19 0.00	47.90 0.32 0.00	44.34 0.54 0.00	46.58 0.82 0.00	43.47 0.90 0.00	41.87 0.75 0.00
ALCOA_RYNLDS___DRP 24188	35.99 0.48 0.00	32.32 0.44 0.00	32.78 0.43 0.00	34.03 0.47 0.00	36.38 0.51 0.00	34.60 0.47 0.00	51.03 0.61 0.00	57.12 0.30 0.00	54.42 0.68 0.00	50.66 0.65 0.00	38.85 0.71 0.00	36.85 0.59 0.00	37.76 0.54 0.00	40.03 0.71 0.00	48.57 1.07 0.00	53.00 0.82 0.00	101.74 0.77 0.00	80.61 0.43 0.00	54.27 0.19 0.00	47.90 0.32 0.00	44.34 0.54 0.00	46.58 0.82 0.00	43.47 0.90 0.00	41.87 0.75 0.00
ALCOA___DSASP 323711	35.99 0.48 0.00	32.32 0.44 0.00	32.78 0.43 0.00	34.03 0.47 0.00	36.38 0.51 0.00	34.60 0.47 0.00	51.03 0.61 0.00	57.12 0.31 0.00	54.42 0.68 0.00	50.66 0.65 0.00	38.85 0.71 0.00	36.85 0.59 0.00	37.75 0.54 0.00	40.02 0.71 0.00	48.57 1.07 0.00	53.00 0.82 0.00	101.73 0.76 0.00	80.61 0.43 0.00	54.27 0.19 0.00	47.90 0.32 0.00	44.34 0.55 0.00	46.58 0.82 0.00	43.47 0.90 0.00	41.87 0.75 0.00
ALLEGHENY___COGEN 23514	36.75 1.24 0.00	32.91 1.03 0.00	33.18 0.84 0.00	34.25 0.68 0.00	36.63 0.76 0.00	35.36 1.23 0.00	52.24 1.82 0.00	58.88 2.07 0.00	55.82 2.09 0.00	52.53 2.52 0.00	40.51 2.36 0.00	38.19 1.92 0.00	38.86 1.64 0.00	39.93 0.62 0.00	47.34 -0.16 0.00	52.11 -0.06 0.00	100.57 -0.40 0.00	80.47 0.29 0.00	53.84 -0.24 0.00	46.97 -0.62 0.00	42.82 -0.97 0.00	45.85 0.09 0.00	43.38 0.82 0.00	42.13 1.01 0.00
ALTAMONT_115KV_TB 2 55880	36.01 0.50 0.00	32.32 0.44 0.00	32.85 0.50 0.00	34.10 0.53 0.00	36.42 0.55 0.00	34.63 0.50 0.00	51.26 0.83 0.00	58.08 1.27 0.00	54.60 0.86 0.00	50.56 0.56 0.00	38.35 0.21 0.00	36.50 0.23 0.00	37.52 0.30 0.00	39.71 0.40 0.00	48.00 0.50 0.00	53.00 0.83 0.00	103.37 2.40 0.00	82.18 2.00 0.00	55.53 1.45 0.00	48.78 1.19 0.00	44.68 0.89 0.00	46.51 0.75 0.00	43.16 0.59 0.00	41.72 0.60 0.00
ALTONA_WT_PWR 323606	35.53 0.02 0.00	32.00 0.13 0.00	32.43 0.08 0.00	33.89 0.32 0.00	36.39 0.52 0.00	34.68 0.55 0.00	51.34 0.92 0.00	57.86 1.05 0.00	54.99 1.25 0.00	50.93 0.92 0.00	38.84 0.70 0.00	36.96 0.68 0.00	37.95 0.73 0.00	40.76 1.44 0.00	49.65 2.15 0.00	53.87 1.68 0.00	102.88 1.91 0.00	81.03 0.84 0.00	54.81 0.73 0.00	48.53 0.95 0.00	44.58 0.79 0.00	46.80 1.04 0.00	43.57 1.01 0.00	42.00 0.88 0.00
AMERICAN_REF_FUEL 24010	34.23 -1.28 0.00	30.64 -1.24 0.00	30.84 -1.51 0.00	31.87 -1.69 0.00	34.05 -1.83 0.00	32.78 -1.35 0.00	47.55 -2.87 0.00	52.86 -3.95 0.00	50.42 -3.32 0.00	47.71 -2.30 0.00	37.03 -1.12 0.00	34.85 -1.41 0.00	35.45 -1.77 0.00	36.93 -2.39 0.00	43.81 -3.69 0.00	47.85 -4.33 0.00	91.78 -9.19 0.00	73.21 -6.98 0.00	48.76 -5.32 0.00	42.77 -4.81 0.00	39.32 -4.47 0.00	41.93 -3.83 0.00	39.86 -2.70 0.00	39.13 -1.99 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.81 0.29 0.00	32.02 0.14 0.00	32.20 -0.14 0.00	33.20 -0.37 0.00	35.39 -0.47 0.00	34.27 0.14 0.00	50.06 -0.37 0.00	56.29 -0.52 0.00	53.50 -0.24 0.00	50.73 0.73 0.00	39.31 1.16 0.00	37.04 0.77 0.00	37.57 0.35 0.00	39.22 -0.09 0.00	46.67 -0.83 0.00	51.01 -1.17 0.00	97.45 -3.52 0.00	77.56 -2.63 0.00	51.58 -2.50 0.00	45.16 -2.42 0.00	41.44 -2.36 0.00	44.06 -1.70 0.00	41.50 -1.06 0.00	40.63 -0.49 0.00
ARTHUR KILL_GT_1 23520	37.12 1.60 0.00	33.30 1.43 0.00	33.63 1.28 0.00	34.95 1.39 0.00	37.46 1.58 0.00	35.75 1.62 0.00	52.86 2.44 0.00	60.02 3.21 0.00	56.23 2.50 0.00	52.31 2.30 0.00	39.98 1.84 0.00	38.29 2.02 0.00	39.26 2.04 0.00	41.24 1.93 0.00	49.50 2.00 0.00	54.54 2.37 0.00	106.07 5.10 0.00	84.55 4.37 0.00	57.31 3.23 0.00	50.46 2.87 0.00	46.11 2.32 0.00	47.79 2.04 0.00	44.39 1.83 0.00	43.06 1.94 0.00
ARTHUR_KILL_2 23512	37.02 1.50 0.00	33.21 1.34 0.00	33.53 1.18 0.00	34.86 1.30 0.00	37.36 1.49 0.00	35.65 1.52 0.00	52.71 2.29 0.00	59.85 3.03 0.00	56.06 2.32 0.00	52.17 2.16 0.00	39.88 1.73 0.00	38.18 1.92 0.00	39.17 1.95 0.00	41.15 1.83 0.00	49.37 1.87 0.00	54.39 2.21 0.00	105.75 4.78 0.00	84.28 4.09 0.00	57.12 3.04 0.00	50.31 2.72 0.00	45.96 2.17 0.00	47.65 1.89 0.00	44.26 1.70 0.00	42.94 1.82 0.00
ARTHUR_KILL_3 23513	36.70 1.19 0.00	32.92 1.04 0.00	33.23 0.88 0.00	34.55 0.98 0.00	37.03 1.16 0.00	35.31 1.17 0.00	52.32 1.90 0.00	59.61 2.79 0.00	55.89 2.15 0.00	52.08 2.07 0.00	39.59 1.45 0.00	37.95 1.68 0.00	38.93 1.71 0.00	40.92 1.60 0.00	49.20 1.70 0.00	54.31 2.13 0.00	105.71 4.74 0.00	84.38 4.20 0.00	57.07 2.99 0.00	50.08 2.49 0.00	45.71 1.91 0.00	47.35 1.59 0.00	43.92 1.36 0.00	42.50 1.38 0.00

ARTHUR_KILL_COGEN 323718	37.12 1.60 0.00	33.30 1.43 0.00	33.63 1.28 0.00	34.95 1.39 0.00	37.46 1.58 0.00	35.75 1.62 0.00	52.86 2.44 0.00	60.02 3.21 0.00	56.23 2.50 0.00	52.31 2.30 0.00	39.98 1.84 0.00	38.29 2.02 0.00	39.26 2.04 0.00	41.24 1.93 0.00	49.50 2.00 0.00	54.54 2.37 0.00	106.07 5.10 0.00	84.55 4.37 0.00	57.31 3.23 0.00	50.46 2.87 0.00	46.11 2.32 0.00	47.79 2.04 0.00	44.39 1.83 0.00	43.06 1.94 0.00
ASHOKAN____ 23654	37.65 2.13 0.00	33.76 1.88 0.00	34.18 1.83 0.00	35.50 1.94 0.00	38.04 2.16 0.00	36.36 2.23 0.00	54.13 3.70 0.00	61.75 4.94 0.00	57.90 4.16 0.00	53.27 3.26 0.00	40.03 1.89 0.00	38.26 1.99 0.00	39.04 1.83 0.00	41.38 2.07 0.00	50.52 3.02 0.00	56.02 3.84 0.00	109.78 8.81 0.00	87.63 7.45 0.00	59.22 5.14 0.00	51.92 4.33 0.00	47.49 3.70 0.00	49.28 3.52 0.00	45.54 2.97 0.00	43.77 2.65 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.86 1.35 0.00	33.05 1.18 0.00	33.33 0.98 0.00	34.65 1.09 0.00	37.16 1.29 0.00	35.47 1.34 0.00	52.58 2.16 0.00	59.83 3.02 0.00	56.05 2.32 0.00	52.12 2.11 0.00	39.72 1.58 0.00	38.03 1.77 0.00	39.02 1.80 0.00	41.01 1.70 0.00	49.28 1.78 0.00	54.45 2.27 0.00	105.98 5.01 0.00	84.52 4.34 0.00	57.09 3.01 0.00	50.19 2.61 0.00	45.84 2.04 0.00	47.49 1.73 0.00	44.02 1.46 0.00	42.64 1.52 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.86 1.35 0.00	33.05 1.18 0.00	33.33 0.98 0.00	34.65 1.09 0.00	37.16 1.29 0.00	35.47 1.34 0.00	52.58 2.16 0.00	59.83 3.02 0.00	56.05 2.32 0.00	52.12 2.11 0.00	39.72 1.58 0.00	38.03 1.77 0.00	39.02 1.80 0.00	41.01 1.70 0.00	49.28 1.78 0.00	54.45 2.27 0.00	105.98 5.01 0.00	84.52 4.34 0.00	57.09 3.01 0.00	50.19 2.61 0.00	45.84 2.04 0.00	47.49 1.73 0.00	44.02 1.46 0.00	42.64 1.52 0.00
ASTORIA_GT2_1 24094	36.87 1.36 0.00	33.06 1.19 0.00	33.35 0.99 0.00	34.67 1.10 0.00	37.18 1.31 0.00	35.47 1.34 0.00	52.62 2.20 0.00	59.85 3.04 0.00	56.08 2.34 0.00	52.17 2.16 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.80 0.00	54.49 2.31 0.00	106.05 5.07 0.00	84.56 4.37 0.00	57.12 3.04 0.00	50.21 2.62 0.00	45.86 2.07 0.00	47.51 1.75 0.00	44.05 1.49 0.00	42.67 1.55 0.00
ASTORIA_GT2_2 24095	36.87 1.36 0.00	33.06 1.19 0.00	33.35 0.99 0.00	34.67 1.10 0.00	37.18 1.31 0.00	35.47 1.34 0.00	52.62 2.20 0.00	59.85 3.04 0.00	56.08 2.34 0.00	52.17 2.16 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.80 0.00	54.49 2.31 0.00	106.05 5.07 0.00	84.56 4.37 0.00	57.12 3.04 0.00	50.21 2.62 0.00	45.86 2.07 0.00	47.51 1.75 0.00	44.05 1.49 0.00	42.67 1.55 0.00
ASTORIA_GT2_3 24096	36.87 1.36 0.00	33.06 1.19 0.00	33.35 0.99 0.00	34.67 1.10 0.00	37.18 1.31 0.00	35.47 1.34 0.00	52.62 2.20 0.00	59.85 3.04 0.00	56.08 2.34 0.00	52.17 2.16 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.80 0.00	54.49 2.31 0.00	106.05 5.07 0.00	84.56 4.37 0.00	57.12 3.04 0.00	50.21 2.62 0.00	45.86 2.07 0.00	47.51 1.75 0.00	44.05 1.49 0.00	42.67 1.55 0.00
ASTORIA_GT2_4 24097	36.87 1.36 0.00	33.06 1.19 0.00	33.35 0.99 0.00	34.67 1.10 0.00	37.18 1.31 0.00	35.47 1.34 0.00	52.62 2.20 0.00	59.85 3.04 0.00	56.08 2.34 0.00	52.17 2.16 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.80 0.00	54.49 2.31 0.00	106.05 5.07 0.00	84.56 4.37 0.00	57.12 3.04 0.00	50.21 2.62 0.00	45.86 2.07 0.00	47.51 1.75 0.00	44.05 1.49 0.00	42.67 1.55 0.00
ASTORIA_GT3_1 24098	36.87 1.36 0.00	33.06 1.19 0.00	33.35 0.99 0.00	34.67 1.10 0.00	37.18 1.31 0.00	35.47 1.34 0.00	52.62 2.20 0.00	59.85 3.04 0.00	56.08 2.34 0.00	52.17 2.16 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.80 0.00	54.49 2.31 0.00	106.05 5.07 0.00	84.56 4.37 0.00	57.12 3.04 0.00	50.21 2.62 0.00	45.86 2.07 0.00	47.51 1.75 0.00	44.05 1.49 0.00	42.67 1.55 0.00
ASTORIA_GT3_2 24099	36.87 1.36 0.00	33.06 1.19 0.00	33.35 0.99 0.00	34.67 1.10 0.00	37.18 1.31 0.00	35.47 1.34 0.00	52.62 2.20 0.00	59.85 3.04 0.00	56.08 2.34 0.00	52.17 2.16 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.80 0.00	54.49 2.31 0.00	106.05 5.07 0.00	84.56 4.37 0.00	57.12 3.04 0.00	50.21 2.62 0.00	45.86 2.07 0.00	47.51 1.75 0.00	44.05 1.49 0.00	42.67 1.55 0.00
ASTORIA_GT3_3 24100	36.87 1.36 0.00	33.06 1.19 0.00	33.35 0.99 0.00	34.67 1.10 0.00	37.18 1.31 0.00	35.47 1.34 0.00	52.62 2.20 0.00	59.85 3.04 0.00	56.08 2.34 0.00	52.17 2.16 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.80 0.00	54.49 2.31 0.00	106.05 5.07 0.00	84.56 4.37 0.00	57.12 3.04 0.00	50.21 2.62 0.00	45.86 2.07 0.00	47.51 1.75 0.00	44.05 1.49 0.00	42.67 1.55 0.00
ASTORIA_GT3_4 24101	36.87 1.36 0.00	33.06 1.19 0.00	33.35 0.99 0.00	34.67 1.10 0.00	37.18 1.31 0.00	35.47 1.34 0.00	52.62 2.20 0.00	59.85 3.04 0.00	56.08 2.34 0.00	52.17 2.16 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.80 0.00	54.49 2.31 0.00	106.05 5.07 0.00	84.56 4.37 0.00	57.12 3.04 0.00	50.21 2.62 0.00	45.86 2.07 0.00	47.51 1.75 0.00	44.05 1.49 0.00	42.67 1.55 0.00
ASTORIA_GT4_1 24102	36.87 1.36 0.00	33.06 1.19 0.00	33.35 0.99 0.00	34.67 1.10 0.00	37.18 1.31 0.00	35.47 1.34 0.00	52.62 2.20 0.00	59.85 3.04 0.00	56.08 2.34 0.00	52.17 2.16 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.80 0.00	54.49 2.31 0.00	106.05 5.07 0.00	84.56 4.37 0.00	57.12 3.04 0.00	50.21 2.62 0.00	45.86 2.07 0.00	47.51 1.75 0.00	44.05 1.49 0.00	42.67 1.55 0.00
ASTORIA_GT4_2 24103	36.87 1.36 0.00	33.06 1.19 0.00	33.35 0.99 0.00	34.67 1.10 0.00	37.18 1.31 0.00	35.47 1.34 0.00	52.62 2.20 0.00	59.85 3.04 0.00	56.08 2.34 0.00	52.17 2.16 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.80 0.00	54.49 2.31 0.00	106.05 5.07 0.00	84.56 4.37 0.00	57.12 3.04 0.00	50.21 2.62 0.00	45.86 2.07 0.00	47.51 1.75 0.00	44.05 1.49 0.00	42.67 1.55 0.00
ASTORIA_GT4_3 24104	36.87 1.36 0.00	33.06 1.19 0.00	33.35 0.99 0.00	34.67 1.10 0.00	37.18 1.31 0.00	35.47 1.34 0.00	52.62 2.20 0.00	59.85 3.04 0.00	56.08 2.34 0.00	52.17 2.16 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.80 0.00	54.49 2.31 0.00	106.05 5.07 0.00	84.56 4.37 0.00	57.12 3.04 0.00	50.21 2.62 0.00	45.86 2.07 0.00	47.51 1.75 0.00	44.05 1.49 0.00	42.67 1.55 0.00

ASTORIA_GT4_4 24105	36.87 1.36 0.00	33.06 1.19 0.00	33.35 0.99 0.00	34.67 1.10 0.00	37.18 1.31 0.00	35.47 1.34 0.00	52.62 2.20 0.00	59.85 3.04 0.00	56.08 2.34 0.00	52.17 2.16 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.80 0.00	54.49 2.31 0.00	106.05 5.07 0.00	84.56 4.37 0.00	57.12 3.04 0.00	50.21 2.62 0.00	45.86 2.07 0.00	47.51 1.75 0.00	44.05 1.49 0.00	42.67 1.55 0.00
ASTORIA_GT_1 23523	36.94 1.43 0.00	33.12 1.25 0.00	33.40 1.05 0.00	34.72 1.16 0.00	37.23 1.36 0.00	35.56 1.43 0.00	52.72 2.30 0.00	59.98 3.16 0.00	56.20 2.46 0.00	52.26 2.25 0.00	39.82 1.68 0.00	38.12 1.86 0.00	39.11 1.89 0.00	41.11 1.79 0.00	49.41 1.90 0.00	54.60 2.43 0.00	106.26 5.29 0.00	84.71 4.52 0.00	57.23 3.15 0.00	50.32 2.73 0.00	45.96 2.16 0.00	47.60 1.85 0.00	44.13 1.57 0.00	42.75 1.63 0.00
ASTORIA_GT_10 24110	36.93 1.42 0.00	33.12 1.25 0.00	33.44 1.09 0.00	34.76 1.20 0.00	37.26 1.40 0.00	35.52 1.39 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.19 1.92 0.00	39.17 1.95 0.00	41.19 1.87 0.00	49.51 2.01 0.00	54.66 2.49 0.00	106.45 5.47 0.00	84.92 4.73 0.00	57.43 3.35 0.00	50.40 2.81 0.00	46.02 2.23 0.00	47.67 1.92 0.00	44.19 1.62 0.00	42.77 1.65 0.00
ASTORIA_GT_11 24225	36.93 1.42 0.00	33.12 1.25 0.00	33.44 1.09 0.00	34.76 1.20 0.00	37.26 1.40 0.00	35.52 1.39 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.19 1.92 0.00	39.17 1.95 0.00	41.19 1.87 0.00	49.51 2.01 0.00	54.66 2.49 0.00	106.45 5.47 0.00	84.92 4.73 0.00	57.43 3.35 0.00	50.40 2.81 0.00	46.02 2.23 0.00	47.67 1.92 0.00	44.19 1.62 0.00	42.77 1.65 0.00
ASTORIA_GT_12 24226	36.93 1.42 0.00	33.12 1.25 0.00	33.44 1.09 0.00	34.76 1.20 0.00	37.26 1.40 0.00	35.52 1.39 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.19 1.92 0.00	39.17 1.95 0.00	41.19 1.87 0.00	49.51 2.01 0.00	54.66 2.49 0.00	106.45 5.47 0.00	84.92 4.73 0.00	57.43 3.35 0.00	50.40 2.81 0.00	46.02 2.23 0.00	47.67 1.92 0.00	44.19 1.62 0.00	42.77 1.65 0.00
ASTORIA_GT_13 24227	36.93 1.42 0.00	33.12 1.25 0.00	33.44 1.09 0.00	34.76 1.20 0.00	37.26 1.40 0.00	35.52 1.39 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.19 1.92 0.00	39.17 1.95 0.00	41.19 1.87 0.00	49.51 2.01 0.00	54.66 2.49 0.00	106.45 5.47 0.00	84.92 4.73 0.00	57.43 3.35 0.00	50.40 2.81 0.00	46.02 2.23 0.00	47.67 1.92 0.00	44.19 1.62 0.00	42.77 1.65 0.00
ASTORIA_GT_5 24106	36.94 1.43 0.00	33.12 1.25 0.00	33.40 1.05 0.00	34.72 1.16 0.00	37.23 1.36 0.00	35.54 1.41 0.00	52.72 2.30 0.00	59.96 3.15 0.00	56.20 2.46 0.00	52.27 2.26 0.00	39.82 1.68 0.00	38.13 1.86 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.40 1.90 0.00	54.60 2.42 0.00	106.26 5.29 0.00	84.72 4.54 0.00	57.23 3.15 0.00	50.31 2.72 0.00	45.95 2.16 0.00	47.60 1.84 0.00	44.13 1.57 0.00	42.75 1.63 0.00
ASTORIA_GT_7 24107	36.94 1.43 0.00	33.12 1.25 0.00	33.40 1.05 0.00	34.72 1.16 0.00	37.23 1.36 0.00	35.54 1.41 0.00	52.72 2.30 0.00	59.96 3.15 0.00	56.20 2.46 0.00	52.27 2.26 0.00	39.82 1.68 0.00	38.13 1.86 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.40 1.90 0.00	54.60 2.42 0.00	106.26 5.29 0.00	84.72 4.54 0.00	57.23 3.15 0.00	50.31 2.72 0.00	45.95 2.16 0.00	47.60 1.84 0.00	44.13 1.57 0.00	42.75 1.63 0.00
ASTORIA_GT_8 24108	36.94 1.43 0.00	33.12 1.25 0.00	33.40 1.05 0.00	34.72 1.16 0.00	37.23 1.36 0.00	35.54 1.41 0.00	52.72 2.30 0.00	59.96 3.15 0.00	56.20 2.46 0.00	52.27 2.26 0.00	39.82 1.68 0.00	38.13 1.86 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.40 1.90 0.00	54.60 2.42 0.00	106.26 5.29 0.00	84.72 4.54 0.00	57.23 3.15 0.00	50.31 2.72 0.00	45.95 2.16 0.00	47.60 1.84 0.00	44.13 1.57 0.00	42.75 1.63 0.00
ASTORIA___2 24149	36.87 1.36 0.00	33.07 1.19 0.00	33.35 0.99 0.00	34.66 1.10 0.00	37.17 1.31 0.00	35.49 1.36 0.00	52.62 2.20 0.00	59.86 3.05 0.00	56.08 2.34 0.00	52.16 2.15 0.00	39.74 1.60 0.00	38.05 1.79 0.00	39.03 1.81 0.00	41.03 1.71 0.00	49.31 1.81 0.00	54.49 2.32 0.00	106.04 5.07 0.00	84.55 4.36 0.00	57.11 3.04 0.00	50.21 2.63 0.00	45.86 2.07 0.00	47.51 1.76 0.00	44.05 1.49 0.00	42.67 1.55 0.00
ASTORIA___3 23516	36.93 1.42 0.00	33.12 1.25 0.00	33.44 1.09 0.00	34.76 1.19 0.00	37.26 1.39 0.00	35.52 1.39 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.18 1.92 0.00	39.18 1.96 0.00	41.19 1.87 0.00	49.51 2.01 0.00	54.66 2.49 0.00	106.44 5.47 0.00	84.91 4.72 0.00	57.44 3.36 0.00	50.40 2.81 0.00	46.03 2.23 0.00	47.67 1.91 0.00	44.19 1.63 0.00	42.77 1.65 0.00
ASTORIA___4 23517	36.93 1.42 0.00	33.12 1.25 0.00	33.44 1.09 0.00	34.76 1.20 0.00	37.26 1.39 0.00	35.51 1.38 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.19 1.92 0.00	39.17 1.95 0.00	41.19 1.87 0.00	49.51 2.01 0.00	54.66 2.49 0.00	106.45 5.47 0.00	84.90 4.72 0.00	57.43 3.35 0.00	50.40 2.81 0.00	46.02 2.23 0.00	47.67 1.92 0.00	44.19 1.62 0.00	42.77 1.65 0.00
ASTORIA___5 23518	36.93 1.42 0.00	33.12 1.25 0.00	33.44 1.09 0.00	34.76 1.19 0.00	37.26 1.39 0.00	35.52 1.39 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.18 1.92 0.00	39.18 1.96 0.00	41.19 1.87 0.00	49.51 2.01 0.00	54.66 2.49 0.00	106.44 5.47 0.00	84.91 4.72 0.00	57.44 3.36 0.00	50.40 2.81 0.00	46.03 2.23 0.00	47.67 1.91 0.00	44.19 1.63 0.00	42.77 1.65 0.00
AST_ENERGY_2_CC3 323677	36.72 1.21 0.00	32.93 1.05 0.00	33.24 0.88 0.00	34.55 0.99 0.00	37.03 1.16 0.00	35.32 1.18 0.00	52.35 1.93 0.00	59.65 2.83 0.00	55.97 2.24 0.00	52.20 2.19 0.00	39.63 1.49 0.00	37.98 1.71 0.00	38.97 1.75 0.00	40.98 1.66 0.00	49.26 1.76 0.00	54.39 2.22 0.00	105.92 4.95 0.00	84.54 4.36 0.00	57.17 3.09 0.00	50.16 2.57 0.00	45.80 2.00 0.00	47.44 1.69 0.00	43.97 1.41 0.00	42.56 1.44 0.00
AST_ENERGY_2_CC4 323678	36.72 1.21 0.00	32.93 1.05 0.00	33.24 0.88 0.00	34.55 0.99 0.00	37.03 1.16 0.00	35.32 1.18 0.00	52.35 1.93 0.00	59.65 2.83 0.00	55.97 2.24 0.00	52.20 2.19 0.00	39.63 1.49 0.00	37.98 1.71 0.00	38.97 1.75 0.00	40.98 1.66 0.00	49.26 1.76 0.00	54.39 2.22 0.00	105.92 4.95 0.00	84.54 4.36 0.00	57.17 3.09 0.00	50.16 2.57 0.00	45.80 2.00 0.00	47.44 1.69 0.00	43.97 1.41 0.00	42.56 1.44 0.00

ATHENS_STG_1 23668	36.23 0.72 0.00	32.50 0.63 0.00	33.03 0.67 0.00	34.27 0.71 0.00	36.61 0.74 0.00	34.74 0.61 0.00	51.41 0.99 0.00	58.35 1.53 0.00	54.79 1.05 0.00	50.86 0.85 0.00	38.61 0.47 0.00	36.81 0.54 0.00	37.80 0.58 0.00	39.91 0.60 0.00	48.18 0.68 0.00	53.20 1.02 0.00	103.67 2.70 0.00	82.49 2.31 0.00	55.77 1.69 0.00	48.98 1.39 0.00	44.83 1.04 0.00	46.62 0.86 0.00	43.26 0.70 0.00	41.84 0.72 0.00
ATHENS_STG_2 23670	36.23 0.72 0.00	32.50 0.63 0.00	33.03 0.67 0.00	34.27 0.71 0.00	36.61 0.74 0.00	34.74 0.61 0.00	51.41 0.99 0.00	58.35 1.53 0.00	54.79 1.05 0.00	50.86 0.85 0.00	38.61 0.47 0.00	36.81 0.54 0.00	37.80 0.58 0.00	39.91 0.60 0.00	48.18 0.68 0.00	53.20 1.02 0.00	103.67 2.70 0.00	82.49 2.31 0.00	55.77 1.69 0.00	48.98 1.39 0.00	44.83 1.04 0.00	46.62 0.86 0.00	43.26 0.70 0.00	41.84 0.72 0.00
ATHENS_STG_3 23677	36.23 0.72 0.00	32.50 0.63 0.00	33.03 0.67 0.00	34.27 0.71 0.00	36.61 0.74 0.00	34.74 0.61 0.00	51.41 0.99 0.00	58.35 1.53 0.00	54.79 1.05 0.00	50.86 0.85 0.00	38.61 0.47 0.00	36.81 0.54 0.00	37.80 0.58 0.00	39.91 0.60 0.00	48.18 0.68 0.00	53.20 1.02 0.00	103.67 2.70 0.00	82.49 2.31 0.00	55.77 1.69 0.00	48.98 1.39 0.00	44.83 1.04 0.00	46.62 0.86 0.00	43.26 0.70 0.00	41.84 0.72 0.00
AUBURN___LFGE 323710	35.47 -0.05 0.00	31.83 -0.04 0.00	32.26 -0.09 0.00	33.43 -0.13 0.00	35.72 -0.15 0.00	33.99 -0.14 0.00	50.25 -0.17 0.00	56.64 -0.17 0.00	53.46 -0.27 0.00	49.91 -0.10 0.00	38.17 0.03 0.00	36.24 -0.03 0.00	37.16 -0.06 0.00	39.10 -0.22 0.00	47.12 -0.38 0.00	51.83 -0.34 0.00	100.56 -0.41 0.00	80.16 -0.03 0.00	54.19 0.11 0.00	47.60 0.02 0.00	43.62 -0.17 0.00	45.51 -0.25 0.00	42.36 -0.20 0.00	40.98 -0.14 0.00
BABYLON_RES_REC 323704	37.29 1.77 0.00	33.34 1.47 0.00	33.34 1.00 0.00	34.56 0.99 0.00	36.95 1.08 0.00	35.36 1.23 0.00	52.18 1.76 0.00	59.66 2.85 0.00	55.82 2.08 0.00	51.84 1.83 0.00	39.50 1.36 0.00	32.14 1.57 5.69	35.18 1.66 3.70	16.01 1.47 24.78	41.63 1.45 7.33	36.58 1.88 17.47	105.19 4.22 0.00	83.91 3.72 0.00	57.34 3.26 0.00	50.45 2.86 0.00	45.81 2.02 0.00	47.44 1.68 0.00	44.47 1.91 0.00	42.99 1.87 0.00
BABYLON__69_KV_BK2 356345	37.65 2.13 0.00	33.64 1.76 0.00	33.82 1.47 0.00	35.10 1.54 0.00	37.54 1.66 0.00	35.97 1.84 0.00	53.11 2.68 0.00	60.75 3.93 0.00	56.82 3.08 0.00	52.68 2.67 0.00	40.09 1.95 0.00	32.55 2.15 5.87	35.67 2.25 3.81	15.97 2.11 25.46	42.20 2.24 7.55	37.05 2.81 17.94	107.00 6.03 0.00	85.48 5.30 0.00	58.56 4.48 0.00	51.43 3.84 0.00	46.66 2.87 0.00	48.18 2.42 0.00	44.86 2.30 0.00	43.37 2.25 0.00
BALL_HILL_WT_PWR 323825	35.45 -0.06 0.00	31.71 -0.16 0.00	31.94 -0.41 0.00	32.95 -0.61 0.00	35.15 -0.72 0.00	33.93 -0.21 0.00	49.47 -0.96 0.00	55.41 -1.40 0.00	52.73 -1.00 0.00	49.93 -0.08 0.00	38.71 0.56 0.00	36.52 0.25 0.00	37.15 -0.07 0.00	38.73 -0.59 0.00	46.02 -1.48 0.00	50.31 -1.87 0.00	96.28 -4.69 0.00	76.74 -3.45 0.00	51.10 -2.97 0.00	44.78 -2.80 0.00	41.04 -2.75 0.00	43.60 -2.16 0.00	41.20 -1.36 0.00	40.37 -0.74 0.00
BARON_WINDS___WT_PWR 323822	35.29 -0.23 0.00	31.70 -0.18 0.00	32.00 -0.35 0.00	32.89 -0.67 0.00	35.17 -0.70 0.00	33.78 -0.35 0.00	49.91 -0.52 0.00	56.31 -0.50 0.00	53.26 -0.48 0.00	50.23 0.22 0.00	38.64 0.49 0.00	36.55 0.28 0.00	37.32 0.10 0.00	38.78 -0.54 0.00	46.51 -0.99 0.00	51.35 -0.83 0.00	98.85 -2.13 0.00	78.71 -1.48 0.00	52.75 -1.33 0.00	45.89 -1.70 0.00	41.68 -2.11 0.00	43.75 -2.00 0.00	41.02 -1.54 0.00	40.04 -1.08 0.00
BARRETT_IC_1 23704	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BARRETT_IC_10 23701	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BARRETT_IC_11 23702	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BARRETT_IC_12 23703	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BARRETT_IC_2 23705	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BARRETT_IC_3 23706	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BARRETT_IC_4 23707	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00

BARRETT_IC_5 23708	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BARRETT_IC_6 23709	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BARRETT_IC_7 23710	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.45 1.32 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.22 2.02 -4.98	46.99 1.88 -5.79	53.44 1.88 -4.06	56.35 2.16 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.11 0.00	47.56 1.80 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BARRETT_IC_8 23711	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BARRETT_IC_9 23700	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BARRETT___1 23545	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BARRETT___2 23546	37.04 1.53 0.00	33.18 1.30 0.00	33.43 1.08 0.00	34.72 1.15 0.00	37.12 1.25 0.00	35.46 1.33 0.00	52.36 1.93 0.00	59.78 2.97 0.00	55.99 2.26 0.00	52.17 2.16 0.00	40.09 1.77 -0.19	45.13 1.93 -6.94	44.23 2.03 -4.98	46.99 1.88 -5.79	53.45 1.89 -4.06	56.35 2.15 -2.01	105.28 4.31 0.00	84.23 4.04 0.00	57.50 3.42 0.00	50.45 2.86 0.00	45.91 2.12 0.00	47.56 1.81 0.00	44.24 1.68 0.00	42.77 1.65 0.00
BATAVIA__115KV_TB1 55881	35.81 0.30 0.00	32.02 0.15 0.00	32.26 -0.09 0.00	33.33 -0.23 0.00	35.62 -0.24 0.00	34.37 0.24 0.00	50.26 -0.16 0.00	56.31 -0.50 0.00	53.67 -0.07 0.00	50.67 0.66 0.00	39.25 1.11 0.00	36.99 0.72 0.00	37.73 0.51 0.00	39.37 0.06 0.00	46.87 -0.63 0.00	51.25 -0.93 0.00	98.62 -2.35 0.00	78.74 -1.45 0.00	52.57 -1.51 0.00	46.05 -1.54 0.00	42.23 -1.57 0.00	44.68 -1.08 0.00	42.16 -0.40 0.00	41.14 0.02 0.00
BAYONEEC___CTG1 323682	36.85 1.33 0.00	33.04 1.16 0.00	33.36 1.00 0.00	34.68 1.12 0.00	37.16 1.29 0.00	35.44 1.31 0.00	52.54 2.11 0.00	59.85 3.04 0.00	56.14 2.40 0.00	52.29 2.29 0.00	39.76 1.62 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.42 1.92 0.00	54.55 2.38 0.00	106.20 5.23 0.00	84.75 4.57 0.00	57.34 3.26 0.00	50.29 2.70 0.00	45.91 2.11 0.00	47.57 1.82 0.00	44.11 1.55 0.00	42.67 1.55 0.00
BAYONEEC___CTG10 323750	36.85 1.33 0.00	33.04 1.16 0.00	33.36 1.00 0.00	34.68 1.12 0.00	37.16 1.29 0.00	35.44 1.31 0.00	52.54 2.11 0.00	59.85 3.04 0.00	56.14 2.40 0.00	52.29 2.29 0.00	39.76 1.62 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.42 1.92 0.00	54.55 2.38 0.00	106.20 5.23 0.00	84.75 4.57 0.00	57.34 3.26 0.00	50.29 2.70 0.00	45.91 2.11 0.00	47.57 1.82 0.00	44.11 1.55 0.00	42.67 1.55 0.00
BAYONEEC___CTG2 323683	36.85 1.33 0.00	33.04 1.16 0.00	33.36 1.00 0.00	34.68 1.12 0.00	37.16 1.29 0.00	35.44 1.31 0.00	52.54 2.11 0.00	59.85 3.04 0.00	56.14 2.40 0.00	52.29 2.29 0.00	39.76 1.62 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.42 1.92 0.00	54.55 2.38 0.00	106.20 5.23 0.00	84.75 4.57 0.00	57.34 3.26 0.00	50.29 2.70 0.00	45.91 2.11 0.00	47.57 1.82 0.00	44.11 1.55 0.00	42.67 1.55 0.00
BAYONEEC___CTG3 323684	36.85 1.33 0.00	33.04 1.16 0.00	33.36 1.00 0.00	34.68 1.12 0.00	37.16 1.29 0.00	35.44 1.31 0.00	52.54 2.11 0.00	59.85 3.04 0.00	56.14 2.40 0.00	52.29 2.29 0.00	39.76 1.62 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.42 1.92 0.00	54.55 2.38 0.00	106.20 5.23 0.00	84.75 4.57 0.00	57.34 3.26 0.00	50.29 2.70 0.00	45.91 2.11 0.00	47.57 1.82 0.00	44.11 1.55 0.00	42.67 1.55 0.00
BAYONEEC___CTG4 323685	36.85 1.33 0.00	33.04 1.16 0.00	33.36 1.00 0.00	34.68 1.12 0.00	37.16 1.29 0.00	35.44 1.31 0.00	52.54 2.11 0.00	59.85 3.04 0.00	56.14 2.40 0.00	52.29 2.29 0.00	39.76 1.62 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.42 1.92 0.00	54.55 2.38 0.00	106.20 5.23 0.00	84.75 4.57 0.00	57.34 3.26 0.00	50.29 2.70 0.00	45.91 2.11 0.00	47.57 1.82 0.00	44.11 1.55 0.00	42.67 1.55 0.00
BAYONEEC___CTG5 323686	36.85 1.33 0.00	33.04 1.16 0.00	33.36 1.00 0.00	34.68 1.12 0.00	37.16 1.29 0.00	35.44 1.31 0.00	52.54 2.11 0.00	59.85 3.04 0.00	56.14 2.40 0.00	52.29 2.29 0.00	39.76 1.62 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.42 1.92 0.00	54.55 2.38 0.00	106.20 5.23 0.00	84.75 4.57 0.00	57.34 3.26 0.00	50.29 2.70 0.00	45.91 2.11 0.00	47.57 1.82 0.00	44.11 1.55 0.00	42.67 1.55 0.00
BAYONEEC___CTG6 323687	36.85 1.33 0.00	33.04 1.16 0.00	33.36 1.00 0.00	34.68 1.12 0.00	37.16 1.29 0.00	35.44 1.31 0.00	52.54 2.11 0.00	59.85 3.04 0.00	56.14 2.40 0.00	52.29 2.29 0.00	39.76 1.62 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.42 1.92 0.00	54.55 2.38 0.00	106.20 5.23 0.00	84.75 4.57 0.00	57.34 3.26 0.00	50.29 2.70 0.00	45.91 2.11 0.00	47.57 1.82 0.00	44.11 1.55 0.00	42.67 1.55 0.00

BAYONEEC___CTG7 323688	36.85 1.33 0.00	33.04 1.16 0.00	33.36 1.00 0.00	34.68 1.12 0.00	37.16 1.29 0.00	35.44 1.31 0.00	52.54 2.11 0.00	59.85 3.04 0.00	56.14 2.40 0.00	52.29 2.29 0.00	39.76 1.62 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.42 1.92 0.00	54.55 2.38 0.00	106.20 5.23 0.00	84.75 4.57 0.00	57.34 3.26 0.00	50.29 2.70 0.00	45.91 2.11 0.00	47.57 1.82 0.00	44.11 1.55 0.00	42.67 1.55 0.00
BAYONEEC___CTG8 323689	36.85 1.33 0.00	33.04 1.16 0.00	33.36 1.00 0.00	34.68 1.12 0.00	37.16 1.29 0.00	35.44 1.31 0.00	52.54 2.11 0.00	59.85 3.04 0.00	56.14 2.40 0.00	52.29 2.29 0.00	39.76 1.62 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.42 1.92 0.00	54.55 2.38 0.00	106.20 5.23 0.00	84.75 4.57 0.00	57.34 3.26 0.00	50.29 2.70 0.00	45.91 2.11 0.00	47.57 1.82 0.00	44.11 1.55 0.00	42.67 1.55 0.00
BAYONEEC___CTG9 323749	36.85 1.33 0.00	33.04 1.16 0.00	33.36 1.00 0.00	34.68 1.12 0.00	37.16 1.29 0.00	35.44 1.31 0.00	52.54 2.11 0.00	59.85 3.04 0.00	56.14 2.40 0.00	52.29 2.29 0.00	39.76 1.62 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.42 1.92 0.00	54.55 2.38 0.00	106.20 5.23 0.00	84.75 4.57 0.00	57.34 3.26 0.00	50.29 2.70 0.00	45.91 2.11 0.00	47.57 1.82 0.00	44.11 1.55 0.00	42.67 1.55 0.00
BEACON___LESR 323632	36.25 0.74 0.00	32.52 0.64 0.00	33.06 0.71 0.00	34.26 0.69 0.00	36.63 0.76 0.00	34.94 0.81 0.00	51.92 1.50 0.00	58.74 1.93 0.00	55.22 1.49 0.00	50.94 0.94 0.00	38.53 0.39 0.00	36.73 0.46 0.00	37.78 0.56 0.00	39.99 0.68 0.00	48.47 0.97 0.00	53.60 1.42 0.00	104.86 3.89 0.00	83.33 3.15 0.00	56.30 2.22 0.00	49.54 1.96 0.00	45.21 1.42 0.00	47.00 1.24 0.00	43.55 0.99 0.00	42.00 0.88 0.00
BEAVER RIVER___HYD 24048	35.55 0.04 0.00	31.92 0.05 0.00	32.49 0.14 0.00	33.81 0.25 0.00	36.22 0.35 0.00	34.69 0.55 0.00	51.91 1.49 0.00	58.66 1.85 0.00	55.64 1.91 0.00	51.61 1.60 0.00	39.37 1.23 0.00	37.57 1.30 0.00	38.69 1.48 0.00	41.05 1.73 0.00	49.76 2.26 0.00	54.42 2.24 0.00	105.15 4.18 0.00	83.89 3.70 0.00	56.61 2.53 0.00	49.65 2.06 0.00	45.42 1.63 0.00	47.27 1.51 0.00	43.25 0.69 0.00	41.29 0.17 0.00
BEEBEE_GT_13 23619	35.13 -0.39 0.00	31.46 -0.42 0.00	31.76 -0.59 0.00	32.87 -0.69 0.00	35.11 -0.75 0.00	33.75 -0.38 0.00	49.54 -0.88 0.00	55.66 -1.15 0.00	52.85 -0.88 0.00	49.69 -0.32 0.00	38.31 0.16 0.00	36.24 -0.03 0.00	37.04 -0.18 0.00	38.78 -0.53 0.00	46.35 -1.15 0.00	50.77 -1.41 0.00	97.91 -3.06 0.00	78.05 -2.13 0.00	52.30 -1.78 0.00	45.88 -1.71 0.00	42.08 -1.71 0.00	44.35 -1.41 0.00	41.62 -0.95 0.00	40.49 -0.63 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.26 1.75 0.00	33.41 1.54 0.00	33.72 1.37 0.00	35.05 1.48 0.00	37.56 1.69 0.00	35.83 1.70 0.00	53.12 2.70 0.00	60.51 3.70 0.00	56.73 2.99 0.00	52.83 2.82 0.00	40.26 2.11 0.00	38.56 2.30 0.00	39.55 2.33 0.00	41.57 2.26 0.00	49.93 2.43 0.00	55.07 2.89 0.00	107.21 6.23 0.00	85.50 5.31 0.00	57.89 3.81 0.00	50.87 3.29 0.00	46.46 2.67 0.00	48.15 2.39 0.00	44.65 2.09 0.00	43.22 2.10 0.00
BETHLEHEM___GRP 23843	35.58 0.06 0.00	31.94 0.06 0.00	32.47 0.12 0.00	33.68 0.11 0.00	35.98 0.11 0.00	34.28 0.15 0.00	50.72 0.30 0.00	57.54 0.73 0.00	54.02 0.29 0.00	49.95 -0.06 0.00	37.81 -0.33 0.00	36.03 -0.23 0.00	37.03 -0.19 0.00	39.24 -0.08 0.00	47.47 -0.04 0.00	52.47 0.29 0.00	102.59 1.62 0.00	81.52 1.33 0.00	55.09 1.01 0.00	48.38 0.79 0.00	44.28 0.48 0.00	46.05 0.30 0.00	42.71 0.15 0.00	41.26 0.14 0.00
BETHLEHEM___GS1 323560	35.58 0.06 0.00	31.94 0.06 0.00	32.47 0.12 0.00	33.68 0.11 0.00	35.98 0.11 0.00	34.28 0.15 0.00	50.73 0.30 0.00	57.54 0.73 0.00	54.03 0.29 0.00	49.95 -0.07 0.00	37.81 -0.33 0.00	36.03 -0.23 0.00	37.04 -0.18 0.00	39.23 -0.09 0.00	47.47 -0.04 0.00	52.48 0.30 0.00	102.60 1.63 0.00	81.52 1.34 0.00	55.09 1.01 0.00	48.38 0.80 0.00	44.29 0.49 0.00	46.06 0.30 0.00	42.71 0.15 0.00	41.26 0.14 0.00
BETHLEHEM___GS2 323561	35.58 0.06 0.00	31.94 0.06 0.00	32.47 0.12 0.00	33.68 0.11 0.00	35.98 0.11 0.00	34.28 0.15 0.00	50.73 0.30 0.00	57.54 0.73 0.00	54.03 0.29 0.00	49.95 -0.07 0.00	37.81 -0.33 0.00	36.03 -0.23 0.00	37.04 -0.18 0.00	39.23 -0.09 0.00	47.47 -0.04 0.00	52.48 0.30 0.00	102.60 1.63 0.00	81.52 1.34 0.00	55.09 1.01 0.00	48.38 0.80 0.00	44.29 0.49 0.00	46.06 0.30 0.00	42.71 0.15 0.00	41.26 0.14 0.00
BETHLEHEM___GS3 323562	35.58 0.06 0.00	31.94 0.06 0.00	32.47 0.12 0.00	33.68 0.11 0.00	35.98 0.11 0.00	34.28 0.15 0.00	50.73 0.30 0.00	57.54 0.73 0.00	54.03 0.29 0.00	49.95 -0.07 0.00	37.81 -0.33 0.00	36.03 -0.23 0.00	37.04 -0.18 0.00	39.23 -0.09 0.00	47.47 -0.04 0.00	52.48 0.30 0.00	102.60 1.63 0.00	81.52 1.34 0.00	55.09 1.01 0.00	48.38 0.80 0.00	44.29 0.49 0.00	46.06 0.30 0.00	42.71 0.15 0.00	41.26 0.14 0.00
BETHLEHEM___STEEL 23779	35.38 -0.14 0.00	31.65 -0.23 0.00	31.87 -0.48 0.00	32.90 -0.66 0.00	35.10 -0.77 0.00	33.83 -0.30 0.00	49.29 -1.14 0.00	55.14 -1.67 0.00	52.49 -1.25 0.00	49.67 -0.34 0.00	38.53 0.38 0.00	36.33 0.06 0.00	37.03 -0.19 0.00	38.56 -0.76 0.00	45.82 -1.68 0.00	50.09 -2.09 0.00	95.98 -4.99 0.00	76.56 -3.62 0.00	51.03 -3.05 0.00	44.70 -2.89 0.00	40.99 -2.80 0.00	43.51 -2.25 0.00	41.21 -1.36 0.00	40.39 -0.73 0.00
BETHLHEM_115KV_TB1 79974	35.68 0.16 0.00	32.02 0.15 0.00	32.55 0.20 0.00	33.77 0.20 0.00	36.08 0.21 0.00	34.36 0.22 0.00	50.85 0.42 0.00	57.66 0.85 0.00	54.15 0.41 0.00	50.09 0.08 0.00	37.92 -0.22 0.00	36.14 -0.12 0.00	37.15 -0.07 0.00	39.35 0.03 0.00	47.59 0.09 0.00	52.59 0.41 0.00	102.77 1.80 0.00	81.64 1.46 0.00	55.19 1.11 0.00	48.47 0.89 0.00	44.37 0.57 0.00	46.14 0.39 0.00	42.81 0.24 0.00	41.36 0.24 0.00
BETHPAGE_CC_5 323564	37.26 1.75 0.00	33.34 1.46 0.00	33.55 1.20 0.00	34.84 1.27 0.00	37.26 1.39 0.00	35.65 1.52 0.00	52.62 2.20 0.00	60.14 3.33 0.00	56.32 2.59 0.00	52.32 2.31 0.00	39.90 1.76 0.00	33.15 1.95 5.07	35.99 2.05 3.28	18.39 1.77 22.69	42.66 1.80 6.65	38.46 2.34 16.06	106.10 5.13 0.00	84.85 4.67 0.00	57.85 3.77 0.00	50.76 3.18 0.00	46.15 2.36 0.00	47.82 2.06 0.00	44.49 1.93 0.00	43.01 1.90 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.50 -0.02 0.00	31.77 -0.11 0.00	31.99 -0.36 0.00	33.02 -0.55 0.00	35.22 -0.65 0.00	33.96 -0.18 0.00	49.47 -0.95 0.00	55.38 -1.43 0.00	52.70 -1.04 0.00	49.87 -0.14 0.00	38.68 0.54 0.00	36.49 0.22 0.00	37.21 -0.01 0.00	38.75 -0.56 0.00	46.05 -1.45 0.00	50.34 -1.84 0.00	96.46 -4.51 0.00	76.90 -3.28 0.00	51.27 -2.81 0.00	44.92 -2.66 0.00	41.19 -2.60 0.00	43.69 -2.07 0.00	41.38 -1.18 0.00	40.53 -0.59 0.00

BINGHAMTON___COGEN 23790	35.58 0.07 0.00	31.96 0.08 0.00	32.41 0.06 0.00	33.56 -0.01 0.00	35.87 0.00 0.00	34.19 0.06 0.00	50.63 0.21 0.00	57.36 0.55 0.00	53.91 0.17 0.00	50.41 0.40 0.00	38.44 0.30 0.00	36.51 0.24 0.00	37.51 0.29 0.00	39.37 0.06 0.00	47.50 -0.01 0.00	52.40 0.22 0.00	101.33 0.36 0.00	80.72 0.54 0.00	54.47 0.39 0.00	47.80 0.21 0.00	43.71 -0.08 0.00	45.60 -0.15 0.00	42.40 -0.17 0.00	41.07 -0.05 0.00
BIXINCNT_115KV_LOAD 355685	35.92 0.40 0.00	32.18 0.30 0.00	32.41 0.06 0.00	33.43 -0.13 0.00	35.50 -0.37 0.00	34.23 0.10 0.00	49.92 -0.51 0.00	56.28 -0.53 0.00	53.42 -0.32 0.00	50.56 0.55 0.00	39.34 1.19 0.00	37.31 1.04 0.00	38.16 0.95 0.00	39.70 0.38 0.00	47.12 -0.38 0.00	51.38 -0.80 0.00	98.17 -2.80 0.00	77.84 -2.35 0.00	51.78 -2.30 0.00	45.18 -2.41 0.00	41.52 -2.27 0.00	43.80 -1.96 0.00	41.64 -0.92 0.00	40.71 -0.41 0.00
BLACK RIVER___HYD 24047	35.30 -0.21 0.00	31.66 -0.21 0.00	32.25 -0.10 0.00	33.55 -0.02 0.00	35.95 0.08 0.00	34.62 0.49 0.00	51.85 1.42 0.00	58.61 1.80 0.00	55.58 1.84 0.00	51.63 1.62 0.00	39.43 1.29 0.00	37.63 1.37 0.00	38.75 1.53 0.00	41.01 1.70 0.00	49.75 2.25 0.00	54.33 2.16 0.00	104.83 3.86 0.00	83.75 3.57 0.00	56.48 2.40 0.00	49.48 1.89 0.00	45.26 1.46 0.00	47.01 1.25 0.00	42.99 0.43 0.00	40.91 -0.21 0.00
BLACKRVR_115KV_TB2 79977	35.30 -0.22 0.00	31.66 -0.21 0.00	32.25 -0.10 0.00	33.55 -0.02 0.00	35.95 0.08 0.00	34.63 0.49 0.00	51.85 1.42 0.00	58.61 1.80 0.00	55.58 1.84 0.00	51.63 1.62 0.00	39.43 1.29 0.00	37.63 1.37 0.00	38.76 1.54 0.00	41.02 1.70 0.00	49.75 2.25 0.00	54.34 2.16 0.00	104.83 3.86 0.00	83.76 3.57 0.00	56.48 2.40 0.00	49.48 1.89 0.00	45.26 1.47 0.00	47.00 1.24 0.00	43.00 0.43 0.00	40.91 -0.21 0.00
BLISS_WT_PWR 323608	35.95 0.44 0.00	32.21 0.33 0.00	32.43 0.08 0.00	33.44 -0.12 0.00	35.44 -0.42 0.00	34.20 0.07 0.00	49.91 -0.51 0.00	56.31 -0.50 0.00	53.47 -0.26 0.00	50.62 0.62 0.00	39.38 1.24 0.00	37.37 1.11 0.00	38.21 0.99 0.00	39.75 0.44 0.00	47.18 -0.33 0.00	51.42 -0.75 0.00	98.27 -2.70 0.00	77.85 -2.34 0.00	51.68 -2.40 0.00	45.04 -2.54 0.00	41.43 -2.36 0.00	43.68 -2.08 0.00	41.55 -1.01 0.00	40.60 -0.51 0.00
BLUESTONE___WT_PWR 323821	37.17 1.65 0.00	33.43 1.55 0.00	33.73 1.38 0.00	35.08 1.51 0.00	37.40 1.54 0.00	35.91 1.78 0.00	53.85 3.43 0.00	62.95 6.14 0.00	57.89 4.15 0.00	53.72 3.71 0.00	40.63 2.49 0.00	38.71 2.45 0.00	39.77 2.55 0.00	41.94 2.63 0.00	50.83 3.33 0.00	56.10 3.92 0.00	108.51 7.54 0.00	86.20 6.01 0.00	58.24 4.16 0.00	51.09 3.50 0.00	46.69 2.90 0.00	48.42 2.67 0.00	44.22 1.66 0.00	42.05 0.93 0.00
BLUE_CIRC_CHEM_DRP 24182	36.15 0.63 0.00	32.45 0.57 0.00	33.00 0.65 0.00	34.25 0.68 0.00	36.58 0.71 0.00	34.80 0.67 0.00	51.48 1.06 0.00	58.29 1.48 0.00	54.67 0.94 0.00	50.48 0.47 0.00	38.24 0.10 0.00	36.41 0.14 0.00	37.45 0.23 0.00	39.74 0.42 0.00	48.11 0.61 0.00	53.14 0.97 0.00	103.77 2.79 0.00	82.46 2.27 0.00	55.68 1.60 0.00	48.92 1.34 0.00	44.74 0.95 0.00	46.47 0.71 0.00	43.14 0.57 0.00	41.73 0.61 0.00
BOC_GAS_DRP 24189	35.91 0.39 0.00	32.22 0.35 0.00	32.76 0.41 0.00	33.99 0.43 0.00	36.32 0.44 0.00	34.52 0.39 0.00	51.06 0.64 0.00	57.87 1.05 0.00	54.39 0.66 0.00	50.40 0.39 0.00	38.24 0.10 0.00	36.42 0.15 0.00	37.43 0.21 0.00	39.58 0.26 0.00	47.84 0.34 0.00	52.81 0.63 0.00	102.97 2.00 0.00	81.84 1.66 0.00	55.30 1.22 0.00	48.59 1.00 0.00	44.50 0.71 0.00	46.32 0.56 0.00	43.00 0.43 0.00	41.56 0.44 0.00
BOONVILLE_115KV_TB1 79983	36.17 0.66 0.00	32.45 0.58 0.00	32.98 0.63 0.00	34.25 0.68 0.00	36.64 0.77 0.00	34.98 0.85 0.00	52.06 1.64 0.00	58.85 2.04 0.00	55.65 1.92 0.00	51.68 1.67 0.00	39.40 1.26 0.00	37.49 1.22 0.00	38.61 1.39 0.00	40.80 1.49 0.00	49.33 1.83 0.00	54.19 2.02 0.00	104.99 4.01 0.00	83.59 3.41 0.00	56.41 2.33 0.00	49.52 1.93 0.00	45.38 1.58 0.00	47.24 1.48 0.00	43.57 1.01 0.00	41.87 0.75 0.00
BORALEX_4TH_BRANCH 23824	36.59 1.07 0.00	32.79 0.91 0.00	33.30 0.95 0.00	34.66 1.10 0.00	37.10 1.23 0.00	35.48 1.35 0.00	52.58 2.16 0.00	59.82 3.01 0.00	56.06 2.32 0.00	51.50 1.49 0.00	38.67 0.53 0.00	36.77 0.50 0.00	37.86 0.64 0.00	40.26 0.94 0.00	48.75 1.25 0.00	54.28 2.11 0.00	107.17 6.20 0.00	85.04 4.85 0.00	57.50 3.42 0.00	50.54 2.96 0.00	46.15 2.35 0.00	47.95 2.19 0.00	44.47 1.91 0.00	43.07 1.95 0.00
BOWLINE___1 23526	36.64 1.12 0.00	32.89 1.01 0.00	33.24 0.89 0.00	34.55 0.99 0.00	37.00 1.13 0.00	35.25 1.12 0.00	52.17 1.75 0.00	59.39 2.58 0.00	55.65 1.92 0.00	51.78 1.77 0.00	39.35 1.21 0.00	37.69 1.42 0.00	38.65 1.43 0.00	40.64 1.32 0.00	48.92 1.42 0.00	54.06 1.88 0.00	105.20 4.22 0.00	83.96 3.77 0.00	56.80 2.72 0.00	49.83 2.24 0.00	45.46 1.67 0.00	47.15 1.39 0.00	43.77 1.21 0.00	42.39 1.27 0.00
BOWLINE___2 23595	36.60 1.08 0.00	32.86 0.99 0.00	33.23 0.88 0.00	34.53 0.96 0.00	36.97 1.11 0.00	35.23 1.10 0.00	52.10 1.68 0.00	59.32 2.51 0.00	55.57 1.83 0.00	51.68 1.67 0.00	39.31 1.17 0.00	37.65 1.38 0.00	38.62 1.40 0.00	40.60 1.28 0.00	48.85 1.35 0.00	53.97 1.79 0.00	105.04 4.06 0.00	83.83 3.64 0.00	56.72 2.63 0.00	49.76 2.17 0.00	45.39 1.60 0.00	47.08 1.32 0.00	43.72 1.15 0.00	42.36 1.24 0.00
BRADY___115KV_TB2 356060	37.49 1.98 0.00	33.64 1.76 0.00	34.13 1.78 0.00	35.56 1.99 0.00	38.19 2.32 0.00	36.46 2.32 0.00	55.19 4.77 0.00	62.47 5.66 0.00	59.23 5.49 0.00	54.62 4.61 0.00	41.75 3.61 0.00	39.85 3.58 0.00	40.90 3.68 0.00	43.78 4.46 0.00	53.11 5.61 0.00	58.03 5.85 0.00	112.14 11.16 0.00	89.26 9.07 0.00	60.14 6.06 0.00	52.85 5.26 0.00	48.29 4.49 0.00	50.61 4.85 0.00	46.36 3.79 0.00	44.12 3.00 0.00
BRANSCOMB___SOLAR 323811	36.54 1.03 0.00	32.74 0.87 0.00	33.33 0.98 0.00	34.68 1.11 0.00	37.09 1.22 0.00	35.33 1.20 0.00	52.45 2.02 0.00	59.58 2.77 0.00	55.82 2.09 0.00	51.29 1.28 0.00	38.67 0.52 0.00	36.75 0.49 0.00	38.00 0.78 0.00	40.42 1.10 0.00	48.89 1.39 0.00	54.18 2.00 0.00	106.53 5.56 0.00	84.56 4.37 0.00	57.18 3.10 0.00	50.23 2.64 0.00	45.86 2.06 0.00	47.72 1.96 0.00	44.18 1.62 0.00	42.74 1.62 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.50 1.99 0.00	33.51 1.64 0.00	33.72 1.37 0.00	35.00 1.43 0.00	37.42 1.55 0.00	35.85 1.72 0.00	52.90 2.48 0.00	60.51 3.70 0.00	56.62 2.89 0.00	52.45 2.44 0.00	39.91 1.77 0.01	31.77 2.03 6.53	35.09 2.13 4.25	13.78 1.99 27.53	41.40 2.11 8.22	35.44 2.61 19.34	106.20 5.23 0.00	84.63 4.45 0.00	58.23 4.15 0.00	51.19 3.60 0.00	46.43 2.64 0.00	47.90 2.15 0.00	44.59 2.03 0.00	43.15 2.03 0.00

BRISTLHL_115KV_TB1 79998	34.44 -1.07 0.00	30.91 -0.96 0.00	31.35 -1.00 0.00	32.48 -1.08 0.00	34.75 -1.12 0.00	33.80 -0.33 0.00	50.17 -0.25 0.00	56.73 -0.08 0.00	53.57 -0.16 0.00	49.98 -0.03 0.00	38.19 0.05 0.00	36.33 0.06 0.00	37.27 0.05 0.00	39.26 -0.06 0.00	47.37 -0.14 0.00	51.88 -0.30 0.00	98.34 -2.63 0.00	78.24 -1.95 0.00	52.72 -1.36 0.00	46.31 -1.27 0.00	42.48 -1.31 0.00	44.36 -1.40 0.00	41.24 -1.33 0.00	39.86 -1.26 0.00
BROOKHAVEN___DRP 24191	37.21 1.69 0.00	33.21 1.33 0.00	33.37 1.02 0.00	34.66 1.10 0.00	37.07 1.20 0.00	35.58 1.45 0.00	52.45 2.02 0.00	60.03 3.23 0.00	56.10 2.36 0.00	51.83 1.82 0.00	39.19 1.06 0.01	30.88 1.30 6.69	34.28 1.42 4.37	12.38 1.14 28.07	40.18 1.07 8.40	33.95 1.48 19.71	105.13 4.16 0.00	84.23 4.05 0.00	57.72 3.64 0.00	50.56 2.97 0.00	45.54 1.75 0.00	46.71 0.95 0.00	43.50 0.94 0.00	42.27 1.15 0.00
BROOKLYN_NAVY_YARD 23515	36.78 1.26 0.00	32.96 1.08 0.00	33.27 0.92 0.00	34.59 1.02 0.00	37.08 1.21 0.00	35.36 1.23 0.00	52.44 2.01 0.00	59.78 2.96 0.00	56.07 2.33 0.00	52.19 2.18 0.00	39.66 1.52 0.00	38.03 1.76 0.00	39.03 1.81 0.00	41.04 1.72 0.00	49.34 1.84 0.00	54.49 2.32 0.00	106.18 5.21 0.00	84.68 4.49 0.00	57.25 3.17 0.00	50.22 2.63 0.00	45.84 2.05 0.00	47.49 1.73 0.00	44.01 1.45 0.00	42.57 1.45 0.00
BROOKLYN___ARMY_DRP 323595	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.54 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.33 2.11 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.75 2.57 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.19 2.40 0.00	47.87 2.11 0.00	44.40 1.84 0.00	43.00 1.88 0.00
BROOKVLE_69_KV_TB1 55790	37.26 1.75 0.00	33.37 1.50 0.00	33.65 1.30 0.00	34.96 1.39 0.00	37.43 1.56 0.00	35.75 1.62 0.00	52.91 2.49 0.00	60.40 3.60 0.00	56.60 2.86 0.00	52.63 2.62 0.00	40.12 1.96 -0.02	36.43 2.12 1.95	38.19 2.19 1.22	30.53 2.11 10.90	46.74 2.24 3.00	46.87 2.58 7.88	106.60 5.63 0.00	85.22 5.04 0.00	57.88 3.80 0.00	50.78 3.20 0.00	46.24 2.45 0.00	48.05 2.29 0.00	44.59 2.03 0.00	43.10 1.98 0.00
BROOME_2_LFGE 323671	35.58 0.07 0.00	31.96 0.08 0.00	32.42 0.07 0.00	33.56 -0.01 0.00	35.87 0.00 0.00	34.19 0.06 0.00	50.63 0.21 0.00	57.36 0.55 0.00	53.91 0.18 0.00	50.41 0.40 0.00	38.44 0.30 0.00	36.51 0.24 0.00	37.50 0.28 0.00	39.37 0.06 0.00	47.50 -0.01 0.00	52.40 0.23 0.00	101.33 0.36 0.00	80.73 0.54 0.00	54.47 0.39 0.00	47.79 0.21 0.00	43.72 -0.08 0.00	45.60 -0.15 0.00	42.40 -0.17 0.00	41.07 -0.05 0.00
BROOME___LFGE 323600	35.58 0.07 0.00	31.96 0.08 0.00	32.42 0.07 0.00	33.56 -0.01 0.00	35.87 0.00 0.00	34.19 0.06 0.00	50.63 0.21 0.00	57.36 0.55 0.00	53.91 0.18 0.00	50.41 0.40 0.00	38.44 0.30 0.00	36.51 0.24 0.00	37.50 0.28 0.00	39.37 0.06 0.00	47.50 -0.01 0.00	52.40 0.23 0.00	101.33 0.36 0.00	80.73 0.54 0.00	54.47 0.39 0.00	47.79 0.21 0.00	43.72 -0.08 0.00	45.60 -0.15 0.00	42.40 -0.17 0.00	41.07 -0.05 0.00
BROWNFLS_115KV_TB_3_5 80003	35.63 0.12 0.00	31.98 0.11 0.00	32.52 0.17 0.00	33.85 0.29 0.00	36.30 0.43 0.00	34.67 0.54 0.00	52.04 1.61 0.00	58.81 2.00 0.00	55.81 2.07 0.00	51.68 1.67 0.00	39.44 1.30 0.00	37.64 1.37 0.00	38.70 1.48 0.00	41.22 1.91 0.00	50.02 2.52 0.00	54.66 2.48 0.00	105.53 4.56 0.00	84.00 3.81 0.00	56.66 2.58 0.00	49.75 2.16 0.00	45.52 1.73 0.00	47.57 1.81 0.00	43.60 1.04 0.00	41.59 0.47 0.00
BROWNSV1_27_KV_LOAD 356125	37.18 1.67 0.00	33.34 1.46 0.00	33.64 1.29 0.00	34.98 1.41 0.00	37.48 1.61 0.00	35.75 1.62 0.00	53.04 2.62 0.00	60.48 3.67 0.00	56.73 2.99 0.00	52.86 2.85 0.00	40.19 2.04 0.00	38.51 2.24 0.00	39.49 2.27 0.00	41.52 2.21 0.00	49.93 2.43 0.00	55.13 2.95 0.00	107.37 6.40 0.00	85.71 5.53 0.00	57.94 3.86 0.00	50.85 3.26 0.00	46.41 2.61 0.00	48.08 2.33 0.00	44.56 2.00 0.00	43.09 1.97 0.00
BURROWS___LYONSDAL 23803	36.03 0.51 0.00	32.33 0.46 0.00	32.88 0.53 0.00	34.16 0.60 0.00	36.55 0.68 0.00	34.92 0.78 0.00	52.01 1.59 0.00	58.80 1.99 0.00	55.65 1.92 0.00	51.66 1.65 0.00	39.40 1.26 0.00	37.51 1.24 0.00	38.64 1.41 0.00	40.86 1.54 0.00	49.45 1.95 0.00	54.26 2.08 0.00	105.05 4.08 0.00	83.70 3.52 0.00	56.48 2.40 0.00	49.57 1.98 0.00	45.41 1.61 0.00	47.26 1.50 0.00	43.48 0.92 0.00	41.72 0.61 0.00
CAITHNESS_CC_1 323624	37.16 1.64 0.00	33.18 1.31 0.00	33.36 1.01 0.00	34.63 1.07 0.00	37.04 1.17 0.00	35.54 1.41 0.00	52.37 1.95 0.00	59.92 3.11 0.00	56.01 2.28 0.00	51.78 1.77 0.00	39.24 1.11 0.01	30.93 1.36 6.69	34.34 1.49 4.37	12.46 1.23 28.08	40.28 1.18 8.40	34.04 1.58 19.72	105.11 4.14 0.00	84.14 3.96 0.00	57.64 3.56 0.00	50.53 2.95 0.00	45.60 1.80 0.00	46.85 1.09 0.00	43.64 1.07 0.00	42.35 1.23 0.00
CALPINE BETH_PAGE_GT4 24209	37.26 1.75 0.00	33.35 1.47 0.00	33.56 1.22 0.00	34.86 1.29 0.00	37.27 1.41 0.00	35.66 1.52 0.00	52.65 2.22 0.00	60.16 3.35 0.00	56.35 2.62 0.00	52.35 2.34 0.00	39.94 1.79 -0.01	33.88 1.97 4.36	36.48 2.06 2.80	20.84 1.84 20.32	43.40 1.79 5.88	40.01 2.28 14.45	105.98 5.01 0.00	84.73 4.54 0.00	57.76 3.68 0.00	50.70 3.11 0.00	46.11 2.31 0.00	47.85 2.10 0.00	44.50 1.94 0.00	43.02 1.90 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.26 1.75 0.00	33.35 1.47 0.00	33.57 1.22 0.00	34.85 1.29 0.00	37.27 1.41 0.00	35.66 1.53 0.00	52.65 2.22 0.00	60.16 3.35 0.00	56.35 2.62 0.00	52.34 2.33 0.00	39.94 1.79 -0.01	33.87 1.97 4.36	36.48 2.07 2.80	20.83 1.84 20.32	43.41 1.79 5.88	40.01 2.28 14.45	105.98 5.01 0.00	84.73 4.55 0.00	57.75 3.67 0.00	50.70 3.11 0.00	46.11 2.32 0.00	47.84 2.08 0.00	44.51 1.95 0.00	43.02 1.90 0.00
CALPINE_BP_GT1 23823	37.26 1.75 0.00	33.35 1.47 0.00	33.57 1.22 0.00	34.85 1.29 0.00	37.27 1.41 0.00	35.66 1.53 0.00	52.65 2.22 0.00	60.16 3.35 0.00	56.35 2.62 0.00	52.34 2.33 0.00	39.94 1.79 -0.01	33.87 1.97 4.36	36.48 2.07 2.80	20.83 1.84 20.32	43.41 1.79 5.88	40.01 2.28 14.45	105.98 5.01 0.00	84.73 4.55 0.00	57.75 3.67 0.00	50.70 3.11 0.00	46.11 2.32 0.00	47.84 2.08 0.00	44.51 1.95 0.00	43.02 1.90 0.00
CALSPAN___DRP 24200	35.38 -0.14 0.00	31.65 -0.23 0.00	31.87 -0.48 0.00	32.90 -0.66 0.00	35.10 -0.77 0.00	33.83 -0.30 0.00	49.29 -1.14 0.00	55.14 -1.67 0.00	52.49 -1.25 0.00	49.67 -0.34 0.00	38.53 0.38 0.00	36.33 0.06 0.00	37.03 -0.19 0.00	38.56 -0.76 0.00	45.82 -1.68 0.00	50.09 -2.09 0.00	95.98 -4.99 0.00	76.56 -3.62 0.00	51.03 -3.05 0.00	44.70 -2.89 0.00	40.99 -2.80 0.00	43.51 -2.25 0.00	41.21 -1.36 0.00	40.39 -0.73 0.00

CALVERTON___SOLAR 323806	37.28 1.76 0.00	33.27 1.39 0.00	33.41 1.06 0.00	34.72 1.15 0.00	37.14 1.27 0.00	35.66 1.53 0.00	52.59 2.17 0.00	60.21 3.39 0.00	56.25 2.51 0.00	51.92 1.91 0.00	39.19 1.06 0.01	30.85 1.28 6.69	34.27 1.42 4.37	12.35 1.10 28.07	40.14 1.04 8.40	33.93 1.46 19.71	105.24 4.27 0.00	84.37 4.18 0.00	57.83 3.75 0.00	50.60 3.01 0.00	45.49 1.70 0.00	46.59 0.83 0.00	43.38 0.82 0.00	42.21 1.09 0.00
CANDIGU_WT_PWR 323617	35.29 -0.23 0.00	31.70 -0.18 0.00	32.00 -0.35 0.00	32.89 -0.67 0.00	35.17 -0.70 0.00	33.78 -0.35 0.00	49.91 -0.52 0.00	56.31 -0.50 0.00	53.26 -0.48 0.00	50.23 0.22 0.00	38.64 0.49 0.00	36.55 0.28 0.00	37.32 0.10 0.00	38.78 -0.54 0.00	46.51 -0.99 0.00	51.35 -0.83 0.00	98.85 -2.13 0.00	78.71 -1.48 0.00	52.75 -1.33 0.00	45.89 -1.70 0.00	41.68 -2.11 0.00	43.75 -2.00 0.00	41.02 -1.54 0.00	40.04 -1.08 0.00
CARR STREET_E__SYR 24060	34.86 -0.66 0.00	31.29 -0.59 0.00	31.73 -0.62 0.00	32.88 -0.69 0.00	35.12 -0.75 0.00	33.53 -0.60 0.00	49.60 -0.82 0.00	56.04 -0.77 0.00	52.90 -0.83 0.00	49.34 -0.67 0.00	37.68 -0.46 0.00	35.81 -0.46 0.00	36.74 -0.48 0.00	38.70 -0.62 0.00	46.64 -0.86 0.00	51.32 -0.86 0.00	99.37 -1.60 0.00	79.09 -1.09 0.00	53.29 -0.79 0.00	46.79 -0.80 0.00	42.91 -0.88 0.00	44.81 -0.95 0.00	41.67 -0.89 0.00	40.31 -0.81 0.00
CARTHAGE___PAPER 23857	35.72 0.20 0.00	32.06 0.18 0.00	32.64 0.30 0.00	33.96 0.39 0.00	36.39 0.52 0.00	34.94 0.81 0.00	52.33 1.90 0.00	59.13 2.32 0.00	56.07 2.34 0.00	52.02 2.01 0.00	39.70 1.56 0.00	37.88 1.61 0.00	39.01 1.79 0.00	41.34 2.03 0.00	50.18 2.68 0.00	54.86 2.68 0.00	105.91 4.94 0.00	84.56 4.37 0.00	57.04 2.96 0.00	50.01 2.42 0.00	45.75 1.96 0.00	47.56 1.81 0.00	43.51 0.95 0.00	41.48 0.36 0.00
CASSADAGA_WT_PWR 323784	36.07 0.56 0.00	32.26 0.39 0.00	32.45 0.09 0.00	33.47 -0.10 0.00	35.67 -0.20 0.00	34.55 0.42 0.00	50.49 0.07 0.00	56.97 0.16 0.00	53.85 0.12 0.00	51.09 1.08 0.00	39.59 1.44 0.00	37.39 1.12 0.00	37.93 0.71 0.00	39.60 0.28 0.00	47.11 -0.39 0.00	51.44 -0.74 0.00	98.06 -2.91 0.00	77.97 -2.21 0.00	51.94 -2.14 0.00	45.53 -2.06 0.00	41.78 -2.01 0.00	44.40 -1.36 0.00	41.84 -0.73 0.00	40.92 -0.20 0.00
CE_DUNWOOD___DRP 24194	36.80 1.28 0.00	33.00 1.12 0.00	33.35 1.00 0.00	34.66 1.09 0.00	37.11 1.25 0.00	35.38 1.25 0.00	52.43 2.00 0.00	59.72 2.91 0.00	55.98 2.25 0.00	52.07 2.06 0.00	39.56 1.41 0.00	37.86 1.59 0.00	38.85 1.63 0.00	40.87 1.55 0.00	49.21 1.70 0.00	54.38 2.20 0.00	105.92 4.95 0.00	84.51 4.32 0.00	57.18 3.10 0.00	50.16 2.58 0.00	45.77 1.98 0.00	47.46 1.70 0.00	44.03 1.46 0.00	42.60 1.48 0.00
CE_MILLWOOD___DRP 24193	36.74 1.23 0.00	32.96 1.08 0.00	33.31 0.96 0.00	34.62 1.06 0.00	37.07 1.20 0.00	35.34 1.21 0.00	52.35 1.92 0.00	59.62 2.80 0.00	55.88 2.15 0.00	51.96 1.96 0.00	39.48 1.34 0.00	37.79 1.52 0.00	38.77 1.55 0.00	40.79 1.48 0.00	49.11 1.61 0.00	54.27 2.10 0.00	105.71 4.74 0.00	84.35 4.16 0.00	57.07 2.99 0.00	50.06 2.48 0.00	45.69 1.89 0.00	47.37 1.61 0.00	43.96 1.39 0.00	42.54 1.42 0.00
CE_NYC2_DRP 24202	36.95 1.43 0.00	33.13 1.25 0.00	33.45 1.10 0.00	34.78 1.21 0.00	37.27 1.40 0.00	35.53 1.40 0.00	52.69 2.27 0.00	60.04 3.23 0.00	56.33 2.59 0.00	52.45 2.44 0.00	39.90 1.76 0.00	38.22 1.95 0.00	39.20 1.98 0.00	41.22 1.90 0.00	49.55 2.05 0.00	54.70 2.53 0.00	106.49 5.52 0.00	84.98 4.79 0.00	57.47 3.39 0.00	50.44 2.85 0.00	46.06 2.26 0.00	47.70 1.94 0.00	44.22 1.66 0.00	42.80 1.68 0.00
CE_NYC_DRP 24195	36.89 1.37 0.00	33.07 1.19 0.00	33.38 1.03 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.46 1.33 0.00	52.60 2.18 0.00	59.94 3.13 0.00	56.23 2.50 0.00	52.40 2.39 0.00	39.83 1.69 0.00	38.16 1.89 0.00	39.15 1.93 0.00	41.17 1.85 0.00	49.50 2.00 0.00	54.66 2.48 0.00	106.44 5.47 0.00	84.92 4.74 0.00	57.45 3.37 0.00	50.38 2.79 0.00	45.99 2.20 0.00	47.65 1.89 0.00	44.18 1.61 0.00	42.72 1.60 0.00
CHAFFEE___LFGE 323603	35.56 0.05 0.00	31.81 -0.06 0.00	32.03 -0.32 0.00	33.08 -0.48 0.00	35.30 -0.58 0.00	34.03 -0.10 0.00	49.59 -0.84 0.00	55.50 -1.32 0.00	52.84 -0.89 0.00	50.01 0.01 0.00	38.78 0.64 0.00	36.60 0.33 0.00	37.27 0.05 0.00	38.85 -0.47 0.00	46.17 -1.33 0.00	50.45 -1.73 0.00	96.70 -4.27 0.00	77.14 -3.04 0.00	51.46 -2.62 0.00	45.08 -2.50 0.00	41.32 -2.48 0.00	43.83 -1.93 0.00	41.47 -1.09 0.00	40.66 -0.46 0.00
CHATEAUG_35_KV_LOAD 355732	35.57 0.05 0.00	32.01 0.14 0.00	32.41 0.07 0.00	33.85 0.29 0.00	36.36 0.49 0.00	34.60 0.47 0.00	51.25 0.83 0.00	57.67 0.86 0.00	54.92 1.19 0.00	50.89 0.88 0.00	38.87 0.72 0.00	36.94 0.68 0.00	37.91 0.69 0.00	40.69 1.37 0.00	49.60 2.09 0.00	53.85 1.68 0.00	103.01 2.04 0.00	81.32 1.13 0.00	54.89 0.81 0.00	48.54 0.95 0.00	44.66 0.87 0.00	46.90 1.14 0.00	43.67 1.11 0.00	42.01 0.89 0.00
CHATEAUG_WT_PWR 323614	35.40 -0.11 0.00	31.88 0.00 0.00	32.30 -0.04 0.00	33.74 0.18 0.00	36.24 0.37 0.00	34.51 0.38 0.00	51.10 0.68 0.00	57.58 0.77 0.00	54.76 1.02 0.00	50.74 0.73 0.00	38.69 0.55 0.00	36.79 0.52 0.00	37.76 0.54 0.00	40.57 1.25 0.00	49.42 1.92 0.00	53.68 1.50 0.00	102.63 1.66 0.00	80.92 0.73 0.00	54.68 0.60 0.00	48.38 0.80 0.00	44.46 0.66 0.00	46.67 0.91 0.00	43.44 0.88 0.00	41.83 0.71 0.00
CHAT_HIGH_FALL_HYD 323578	35.57 0.05 0.00	32.01 0.14 0.00	32.41 0.07 0.00	33.85 0.29 0.00	36.36 0.49 0.00	34.60 0.47 0.00	51.25 0.83 0.00	57.67 0.86 0.00	54.92 1.19 0.00	50.89 0.88 0.00	38.87 0.72 0.00	36.94 0.68 0.00	37.91 0.69 0.00	40.69 1.37 0.00	49.60 2.09 0.00	53.85 1.68 0.00	103.01 2.04 0.00	81.32 1.13 0.00	54.89 0.81 0.00	48.54 0.95 0.00	44.66 0.87 0.00	46.90 1.14 0.00	43.67 1.11 0.00	42.01 0.89 0.00
CHAUTAUQUA___LFGE 323629	35.73 0.22 0.00	31.95 0.08 0.00	32.17 -0.18 0.00	33.18 -0.38 0.00	35.39 -0.48 0.00	34.21 0.08 0.00	49.94 -0.48 0.00	55.99 -0.82 0.00	53.26 -0.48 0.00	50.44 0.43 0.00	39.09 0.95 0.00	36.85 0.58 0.00	37.44 0.22 0.00	39.06 -0.26 0.00	46.45 -1.05 0.00	50.77 -1.41 0.00	97.15 -3.82 0.00	77.41 -2.78 0.00	51.52 -2.56 0.00	45.14 -2.45 0.00	41.40 -2.39 0.00	43.99 -1.77 0.00	41.50 -1.07 0.00	40.63 -0.48 0.00
CHERRYST_13_KV_LD 356241	36.98 1.47 0.00	33.15 1.28 0.00	33.47 1.12 0.00	34.79 1.23 0.00	37.30 1.44 0.00	35.57 1.44 0.00	52.76 2.34 0.00	60.13 3.32 0.00	56.40 2.67 0.00	52.59 2.58 0.00	39.97 1.82 0.00	38.29 2.02 0.00	39.28 2.06 0.00	41.31 2.00 0.00	49.68 2.18 0.00	54.85 2.67 0.00	106.78 5.81 0.00	85.23 5.04 0.00	57.62 3.54 0.00	50.53 2.94 0.00	46.12 2.32 0.00	47.78 2.02 0.00	44.29 1.72 0.00	42.84 1.72 0.00

CHESTROR_138KV_BK263 355645	36.61 1.09 0.00	32.85 0.98 0.00	33.23 0.88 0.00	34.53 0.96 0.00	36.97 1.10 0.00	35.22 1.09 0.00	52.15 1.73 0.00	59.33 2.52 0.00	55.63 1.90 0.00	51.73 1.72 0.00	39.30 1.16 0.00	37.58 1.32 0.00	38.55 1.33 0.00	40.58 1.26 0.00	48.90 1.40 0.00	54.02 1.85 0.00	105.16 4.18 0.00	83.89 3.70 0.00	56.73 2.64 0.00	49.73 2.14 0.00	45.40 1.61 0.00	47.10 1.34 0.00	43.71 1.15 0.00	42.31 1.19 0.00
CH_MIDHUDSON___DRP 24192	36.96 1.44 0.00	33.13 1.26 0.00	33.50 1.15 0.00	34.82 1.25 0.00	37.27 1.40 0.00	35.55 1.42 0.00	52.68 2.26 0.00	60.03 3.22 0.00	56.27 2.53 0.00	52.23 2.22 0.00	39.60 1.46 0.00	37.84 1.57 0.00	38.82 1.60 0.00	40.92 1.61 0.00	49.35 1.85 0.00	54.62 2.44 0.00	106.58 5.61 0.00	84.99 4.80 0.00	57.49 3.41 0.00	50.43 2.84 0.00	46.02 2.22 0.00	47.72 1.97 0.00	44.25 1.69 0.00	42.77 1.65 0.00
CH_MISC_IPPS 23765	37.16 1.65 0.00	33.31 1.44 0.00	33.69 1.34 0.00	35.01 1.45 0.00	37.49 1.62 0.00	35.76 1.64 0.00	53.02 2.60 0.00	60.40 3.59 0.00	56.62 2.88 0.00	52.55 2.54 0.00	39.86 1.72 0.00	38.09 1.82 0.00	39.07 1.85 0.00	41.20 1.88 0.00	49.69 2.19 0.00	54.96 2.78 0.00	107.22 6.25 0.00	85.53 5.34 0.00	57.85 3.77 0.00	50.72 3.14 0.00	46.28 2.49 0.00	47.99 2.23 0.00	44.50 1.93 0.00	43.00 1.89 0.00
CH_RES_BVR_FALLS 23983	35.55 0.04 0.00	31.91 0.03 0.00	32.39 0.04 0.00	33.64 0.08 0.00	35.88 0.01 0.00	34.12 -0.01 0.00	50.31 -0.12 0.00	56.53 -0.28 0.00	53.68 -0.05 0.00	49.98 -0.03 0.00	38.21 0.07 0.00	36.30 0.04 0.00	37.25 0.03 0.00	39.38 0.07 0.00	47.56 0.06 0.00	52.06 -0.12 0.00	100.51 -0.46 0.00	79.77 -0.41 0.00	53.82 -0.26 0.00	47.48 -0.11 0.00	43.86 0.06 0.00	45.96 0.20 0.00	42.72 0.16 0.00	41.10 -0.02 0.00
CH_RES_NIAGARA 23895	34.29 -1.23 0.00	30.68 -1.20 0.00	30.88 -1.47 0.00	31.90 -1.66 0.00	34.01 -1.86 0.00	32.83 -1.30 0.00	47.62 -2.80 0.00	52.92 -3.89 0.00	50.49 -3.25 0.00	47.77 -2.24 0.00	37.08 -1.07 0.00	34.89 -1.38 0.00	35.52 -1.70 0.00	36.98 -2.34 0.00	43.86 -3.64 0.00	47.89 -4.29 0.00	91.82 -9.15 0.00	73.25 -6.93 0.00	48.79 -5.29 0.00	42.80 -4.79 0.00	39.37 -4.42 0.00	41.96 -3.80 0.00	39.91 -2.65 0.00	39.18 -1.93 0.00
CH_RES_SYRACUSE 23985	35.06 -0.46 0.00	31.47 -0.41 0.00	31.91 -0.44 0.00	33.06 -0.50 0.00	35.30 -0.57 0.00	33.77 -0.36 0.00	49.95 -0.47 0.00	56.44 -0.38 0.00	53.26 -0.47 0.00	49.67 -0.33 0.00	37.93 -0.21 0.00	36.04 -0.23 0.00	36.96 -0.26 0.00	38.95 -0.37 0.00	46.97 -0.54 0.00	51.61 -0.57 0.00	99.81 -1.16 0.00	79.44 -0.74 0.00	53.57 -0.51 0.00	47.04 -0.54 0.00	43.16 -0.63 0.00	45.07 -0.69 0.00	41.93 -0.64 0.00	40.53 -0.59 0.00
CLINTON_WT_PWR 323605	35.40 -0.11 0.00	31.88 0.00 0.00	32.30 -0.04 0.00	33.74 0.18 0.00	36.24 0.37 0.00	34.51 0.38 0.00	51.10 0.68 0.00	57.58 0.77 0.00	54.76 1.02 0.00	50.74 0.73 0.00	38.69 0.55 0.00	36.79 0.52 0.00	37.76 0.54 0.00	40.57 1.25 0.00	49.42 1.92 0.00	53.68 1.50 0.00	102.63 1.66 0.00	80.92 0.73 0.00	54.68 0.60 0.00	48.38 0.80 0.00	44.46 0.66 0.00	46.67 0.91 0.00	43.44 0.88 0.00	41.83 0.71 0.00
CLINTON___LFGE 323618	35.82 0.31 0.00	32.25 0.37 0.00	32.68 0.33 0.00	34.16 0.60 0.00	36.68 0.81 0.00	34.99 0.85 0.00	51.82 1.39 0.00	58.46 1.65 0.00	55.57 1.84 0.00	51.40 1.39 0.00	39.23 1.09 0.00	37.31 1.05 0.00	38.32 1.10 0.00	41.16 1.85 0.00	50.15 2.65 0.00	54.40 2.23 0.00	103.92 2.94 0.00	81.84 1.66 0.00	55.39 1.31 0.00	49.06 1.47 0.00	45.05 1.25 0.00	47.26 1.50 0.00	44.00 1.44 0.00	42.39 1.27 0.00
COBBLENY_34_KV_TB1 80064	35.56 0.05 0.00	31.81 -0.06 0.00	32.03 -0.32 0.00	33.08 -0.48 0.00	35.30 -0.57 0.00	34.03 -0.10 0.00	49.59 -0.83 0.00	55.49 -1.32 0.00	52.84 -0.89 0.00	50.01 0.00 0.00	38.79 0.65 0.00	36.60 0.33 0.00	37.29 0.07 0.00	38.85 -0.47 0.00	46.17 -1.33 0.00	50.45 -1.73 0.00	96.68 -4.29 0.00	77.14 -3.05 0.00	51.45 -2.62 0.00	45.08 -2.51 0.00	41.32 -2.47 0.00	43.83 -1.93 0.00	41.48 -1.08 0.00	40.67 -0.45 0.00
COFFEEN___115KV_TB3 355620	35.45 -0.06 0.00	31.79 -0.08 0.00	32.37 0.02 0.00	33.67 0.10 0.00	36.08 0.21 0.00	34.79 0.66 0.00	52.14 1.71 0.00	58.95 2.14 0.00	55.90 2.17 0.00	51.93 1.92 0.00	39.66 1.52 0.00	37.86 1.59 0.00	38.98 1.76 0.00	41.23 1.91 0.00	50.02 2.52 0.00	54.62 2.45 0.00	105.44 4.47 0.00	84.29 4.10 0.00	56.81 2.73 0.00	49.77 2.19 0.00	45.52 1.73 0.00	47.25 1.50 0.00	43.23 0.67 0.00	41.13 0.02 0.00
COLDSPRG_115KV_BK1 355956	36.40 0.88 0.00	32.59 0.71 0.00	32.79 0.44 0.00	33.92 0.35 0.00	36.20 0.33 0.00	34.93 0.79 0.00	50.95 0.53 0.00	57.60 0.79 0.00	54.11 0.37 0.00	51.26 1.25 0.00	39.81 1.67 0.00	37.81 1.54 0.00	38.61 1.39 0.00	40.21 0.89 0.00	47.77 0.27 0.00	52.08 -0.10 0.00	99.07 -1.90 0.00	78.86 -1.32 0.00	52.77 -1.31 0.00	46.29 -1.30 0.00	42.34 -1.45 0.00	44.77 -0.99 0.00	42.34 -0.23 0.00	41.38 0.27 0.00
COLONIE_LFGE___ 323577	36.26 0.75 0.00	32.50 0.62 0.00	33.04 0.69 0.00	34.34 0.78 0.00	36.71 0.84 0.00	35.01 0.88 0.00	51.89 1.46 0.00	58.90 2.09 0.00	55.26 1.52 0.00	50.95 0.95 0.00	38.48 0.33 0.00	36.61 0.34 0.00	37.71 0.48 0.00	40.02 0.70 0.00	48.40 0.90 0.00	53.60 1.43 0.00	105.16 4.19 0.00	83.53 3.35 0.00	56.45 2.37 0.00	49.60 2.01 0.00	45.35 1.55 0.00	47.18 1.42 0.00	43.75 1.19 0.00	42.30 1.18 0.00
COOPERNY_115KV_TB1 80082	36.32 0.81 0.00	32.61 0.73 0.00	33.03 0.68 0.00	34.31 0.74 0.00	36.70 0.83 0.00	34.94 0.81 0.00	51.70 1.27 0.00	58.72 1.91 0.00	55.29 1.56 0.00	51.41 1.40 0.00	39.09 0.95 0.00	37.35 1.08 0.00	38.29 1.07 0.00	40.34 1.02 0.00	48.62 1.12 0.00	53.65 1.47 0.00	104.18 3.21 0.00	82.87 2.68 0.00	56.00 1.92 0.00	49.10 1.51 0.00	44.89 1.10 0.00	46.65 0.89 0.00	43.32 0.76 0.00	41.91 0.79 0.00
COPENHAGEN_WT_PWR 323753	35.05 -0.47 0.00	31.46 -0.42 0.00	32.06 -0.29 0.00	33.36 -0.20 0.00	35.75 -0.12 0.00	34.44 0.31 0.00	51.51 1.09 0.00	58.17 1.36 0.00	55.17 1.44 0.00	51.28 1.27 0.00	39.18 1.03 0.00	37.39 1.12 0.00	38.51 1.29 0.00	40.76 1.44 0.00	49.43 1.92 0.00	53.93 1.76 0.00	104.04 3.07 0.00	83.13 2.95 0.00	56.06 1.98 0.00	49.09 1.51 0.00	44.92 1.13 0.00	46.65 0.90 0.00	42.65 0.09 0.00	40.56 -0.56 0.00
CORNELL_____ 23752	36.10 0.58 0.00	32.41 0.54 0.00	32.85 0.50 0.00	34.03 0.47 0.00	36.37 0.50 0.00	34.71 0.58 0.00	51.46 1.04 0.00	57.89 1.08 0.00	54.51 0.78 0.00	50.87 0.86 0.00	38.77 0.63 0.00	36.85 0.58 0.00	37.87 0.65 0.00	39.80 0.48 0.00	48.04 0.53 0.00	52.97 0.80 0.00	102.93 1.96 0.00	82.38 2.20 0.00	55.58 1.50 0.00	48.77 1.18 0.00	44.64 0.85 0.00	46.51 0.76 0.00	43.17 0.60 0.00	41.71 0.59 0.00

CORONA__69_KV_TB1 355595	37.23 1.71 0.00	33.34 1.46 0.00	33.61 1.26 0.00	34.91 1.34 0.00	37.34 1.47 0.00	35.68 1.54 0.00	52.75 2.32 0.00	60.23 3.42 0.00	56.40 2.66 0.00	52.49 2.48 0.00	40.18 1.93 -0.11	41.64 2.09 -3.29	41.82 2.17 -2.42	41.30 2.07 0.09	51.00 2.15 -1.35	53.46 2.56 1.28	106.42 5.45 0.00	85.06 4.87 0.00	57.96 3.88 0.00	50.84 3.26 0.00	46.28 2.49 0.00	47.93 2.17 0.00	44.54 1.98 0.00	43.05 1.93 0.00
CORTLAND__115KV_TB3 80093	35.77 0.25 0.00	32.11 0.23 0.00	32.56 0.21 0.00	33.74 0.17 0.00	36.05 0.18 0.00	34.39 0.26 0.00	50.97 0.54 0.00	57.63 0.82 0.00	54.29 0.55 0.00	50.64 0.63 0.00	38.58 0.44 0.00	36.67 0.40 0.00	37.67 0.45 0.00	39.64 0.32 0.00	47.82 0.32 0.00	52.74 0.56 0.00	102.19 1.21 0.00	81.44 1.25 0.00	54.92 0.84 0.00	48.18 0.60 0.00	44.13 0.33 0.00	46.01 0.25 0.00	42.72 0.16 0.00	41.31 0.19 0.00
COXSACKIE__GT 23611	37.42 1.91 0.00	33.57 1.69 0.00	34.12 1.78 0.00	35.43 1.86 0.00	37.89 2.02 0.00	36.20 2.07 0.00	53.90 3.47 0.00	61.32 4.50 0.00	57.51 3.77 0.00	52.56 2.55 0.00	39.31 1.17 0.00	37.35 1.08 0.00	38.49 1.27 0.00	41.06 1.74 0.00	50.40 2.90 0.00	55.87 3.69 0.00	108.83 7.86 0.00	87.18 7.00 0.00	58.81 4.73 0.00	51.50 3.91 0.00	47.26 3.46 0.00	49.18 3.42 0.00	45.47 2.90 0.00	43.66 2.54 0.00
CPV__VALLEY__CC1 323721	36.40 0.89 0.00	32.68 0.80 0.00	33.06 0.72 0.00	34.35 0.79 0.00	36.77 0.90 0.00	35.03 0.90 0.00	51.83 1.41 0.00	58.93 2.12 0.00	55.30 1.56 0.00	51.42 1.41 0.00	39.09 0.95 0.00	37.37 1.10 0.00	38.33 1.12 0.00	40.35 1.03 0.00	48.61 1.11 0.00	53.66 1.48 0.00	104.46 3.49 0.00	83.28 3.10 0.00	56.30 2.22 0.00	49.29 1.71 0.00	45.02 1.22 0.00	46.72 0.96 0.00	43.38 0.81 0.00	41.97 0.85 0.00
CPV__VALLEY__CC2 323722	36.40 0.89 0.00	32.68 0.80 0.00	33.06 0.72 0.00	34.35 0.79 0.00	36.77 0.90 0.00	35.03 0.90 0.00	51.83 1.41 0.00	58.93 2.12 0.00	55.30 1.56 0.00	51.42 1.41 0.00	39.09 0.95 0.00	37.37 1.10 0.00	38.33 1.12 0.00	40.35 1.03 0.00	48.61 1.11 0.00	53.66 1.48 0.00	104.46 3.49 0.00	83.28 3.10 0.00	56.30 2.22 0.00	49.29 1.71 0.00	45.02 1.22 0.00	46.72 0.96 0.00	43.38 0.81 0.00	41.97 0.85 0.00
CRESCENT__HYD 24018	36.26 0.75 0.00	32.50 0.62 0.00	33.04 0.69 0.00	34.34 0.78 0.00	36.71 0.84 0.00	35.01 0.88 0.00	51.89 1.46 0.00	58.90 2.09 0.00	55.26 1.52 0.00	50.95 0.95 0.00	38.48 0.33 0.00	36.61 0.34 0.00	37.71 0.48 0.00	40.02 0.70 0.00	48.40 0.90 0.00	53.60 1.43 0.00	105.16 4.19 0.00	83.53 3.35 0.00	56.45 2.37 0.00	49.60 2.01 0.00	45.35 1.55 0.00	47.18 1.42 0.00	43.75 1.19 0.00	42.30 1.18 0.00
CRICKET__VALLEY_CC1 323756	36.36 0.84 0.00	32.58 0.70 0.00	32.94 0.59 0.00	34.25 0.69 0.00	36.65 0.78 0.00	34.96 0.83 0.00	51.75 1.33 0.00	58.94 2.13 0.00	55.23 1.49 0.00	51.21 1.20 0.00	38.79 0.64 0.00	37.03 0.76 0.00	38.02 0.80 0.00	40.12 0.80 0.00	48.38 0.88 0.00	53.64 1.46 0.00	104.90 3.93 0.00	83.60 3.42 0.00	56.54 2.46 0.00	49.63 2.04 0.00	45.30 1.51 0.00	46.98 1.22 0.00	43.59 1.02 0.00	42.16 1.04 0.00
CRICKET__VALLEY_CC2 323757	36.36 0.84 0.00	32.58 0.70 0.00	32.94 0.59 0.00	34.25 0.69 0.00	36.65 0.78 0.00	34.96 0.83 0.00	51.75 1.33 0.00	58.94 2.13 0.00	55.23 1.49 0.00	51.21 1.20 0.00	38.79 0.64 0.00	37.03 0.76 0.00	38.02 0.80 0.00	40.12 0.80 0.00	48.38 0.88 0.00	53.64 1.46 0.00	104.90 3.93 0.00	83.60 3.42 0.00	56.54 2.46 0.00	49.63 2.04 0.00	45.30 1.51 0.00	46.98 1.22 0.00	43.59 1.02 0.00	42.16 1.04 0.00
CRICKET__VALLEY_CC3 323758	36.36 0.84 0.00	32.58 0.70 0.00	32.94 0.59 0.00	34.25 0.69 0.00	36.65 0.78 0.00	34.96 0.83 0.00	51.75 1.33 0.00	58.94 2.13 0.00	55.23 1.49 0.00	51.21 1.20 0.00	38.79 0.64 0.00	37.03 0.76 0.00	38.02 0.80 0.00	40.12 0.80 0.00	48.38 0.88 0.00	53.64 1.46 0.00	104.90 3.93 0.00	83.60 3.42 0.00	56.54 2.46 0.00	49.63 2.04 0.00	45.30 1.51 0.00	46.98 1.22 0.00	43.59 1.02 0.00	42.16 1.04 0.00
CRUCIBLE__METL_DRP 24180	35.06 -0.45 0.00	31.47 -0.41 0.00	31.91 -0.44 0.00	33.06 -0.50 0.00	35.31 -0.56 0.00	33.77 -0.36 0.00	49.95 -0.47 0.00	56.43 -0.38 0.00	53.27 -0.47 0.00	49.67 -0.34 0.00	37.93 -0.21 0.00	36.03 -0.23 0.00	36.96 -0.26 0.00	38.95 -0.37 0.00	46.96 -0.54 0.00	51.61 -0.57 0.00	99.81 -1.16 0.00	79.45 -0.74 0.00	53.57 -0.51 0.00	47.05 -0.54 0.00	43.16 -0.63 0.00	45.07 -0.69 0.00	41.93 -0.64 0.00	40.53 -0.59 0.00
DAHOWA__HYDRO 323763	36.53 1.02 0.00	32.73 0.86 0.00	33.33 0.98 0.00	34.69 1.12 0.00	37.11 1.24 0.00	35.35 1.21 0.00	52.48 2.05 0.00	59.65 2.84 0.00	55.89 2.16 0.00	51.29 1.28 0.00	38.63 0.49 0.00	36.73 0.46 0.00	38.02 0.79 0.00	40.45 1.13 0.00	48.93 1.43 0.00	54.22 2.04 0.00	106.74 5.77 0.00	84.68 4.49 0.00	57.30 3.22 0.00	50.31 2.73 0.00	45.92 2.13 0.00	47.78 2.02 0.00	44.20 1.64 0.00	42.78 1.66 0.00
DANC__LFGE 323619	34.77 -0.75 0.00	31.20 -0.68 0.00	31.74 -0.61 0.00	32.98 -0.59 0.00	35.31 -0.56 0.00	34.09 -0.04 0.00	50.82 0.40 0.00	57.41 0.60 0.00	54.36 0.63 0.00	50.59 0.58 0.00	38.64 0.50 0.00	36.83 0.56 0.00	37.88 0.66 0.00	40.03 0.71 0.00	48.44 0.94 0.00	52.95 0.77 0.00	101.75 0.78 0.00	81.18 1.00 0.00	54.74 0.66 0.00	47.98 0.40 0.00	43.94 0.15 0.00	45.72 -0.04 0.00	42.06 -0.51 0.00	40.23 -0.88 0.00
DANSKAMMER__1 23586	37.16 1.65 0.00	33.31 1.44 0.00	33.69 1.34 0.00	35.01 1.45 0.00	37.49 1.62 0.00	35.76 1.64 0.00	53.02 2.60 0.00	60.40 3.59 0.00	56.62 2.88 0.00	52.55 2.54 0.00	39.86 1.72 0.00	38.09 1.82 0.00	39.07 1.85 0.00	41.20 1.88 0.00	49.69 2.19 0.00	54.96 2.78 0.00	107.22 6.25 0.00	85.53 5.34 0.00	57.85 3.77 0.00	50.72 3.14 0.00	46.28 2.49 0.00	47.99 2.23 0.00	44.50 1.93 0.00	43.00 1.89 0.00
DANSKAMMER__2 23589	37.16 1.65 0.00	33.31 1.44 0.00	33.69 1.34 0.00	35.01 1.45 0.00	37.49 1.62 0.00	35.76 1.64 0.00	53.02 2.60 0.00	60.40 3.59 0.00	56.62 2.88 0.00	52.55 2.54 0.00	39.86 1.72 0.00	38.09 1.82 0.00	39.07 1.85 0.00	41.20 1.88 0.00	49.69 2.19 0.00	54.96 2.78 0.00	107.22 6.25 0.00	85.53 5.34 0.00	57.85 3.77 0.00	50.72 3.14 0.00	46.28 2.49 0.00	47.99 2.23 0.00	44.50 1.93 0.00	43.00 1.89 0.00
DANSKAMMER__3 23590	37.16 1.65 0.00	33.31 1.44 0.00	33.69 1.34 0.00	35.01 1.45 0.00	37.49 1.62 0.00	35.76 1.64 0.00	53.02 2.60 0.00	60.40 3.59 0.00	56.62 2.88 0.00	52.55 2.54 0.00	39.86 1.72 0.00	38.09 1.82 0.00	39.07 1.85 0.00	41.20 1.88 0.00	49.69 2.19 0.00	54.96 2.78 0.00	107.22 6.25 0.00	85.53 5.34 0.00	57.85 3.77 0.00	50.72 3.14 0.00	46.28 2.49 0.00	47.99 2.23 0.00	44.50 1.93 0.00	43.00 1.89 0.00

DANSKAMMER___4 23591	37.16 1.65 0.00	33.31 1.44 0.00	33.69 1.34 0.00	35.01 1.45 0.00	37.49 1.62 0.00	35.76 1.64 0.00	53.02 2.60 0.00	60.40 3.59 0.00	56.62 2.88 0.00	52.55 2.54 0.00	39.86 1.72 0.00	38.09 1.82 0.00	39.07 1.85 0.00	41.20 1.88 0.00	49.69 2.19 0.00	54.96 2.78 0.00	107.22 6.25 0.00	85.53 5.34 0.00	57.85 3.77 0.00	50.72 3.14 0.00	46.28 2.49 0.00	47.99 2.23 0.00	44.50 1.93 0.00	43.00 1.89 0.00
DANSKAMMER___DIESEL 23592	37.17 1.65 0.00	33.31 1.44 0.00	33.69 1.34 0.00	35.01 1.45 0.00	37.49 1.62 0.00	35.76 1.63 0.00	53.02 2.60 0.00	60.40 3.59 0.00	56.62 2.88 0.00	52.56 2.55 0.00	39.86 1.72 0.00	38.09 1.82 0.00	39.07 1.85 0.00	41.20 1.88 0.00	49.69 2.19 0.00	54.96 2.79 0.00	107.22 6.25 0.00	85.53 5.34 0.00	57.85 3.77 0.00	50.72 3.14 0.00	46.28 2.49 0.00	47.99 2.23 0.00	44.49 1.93 0.00	43.01 1.89 0.00
DARBY___SOLAR 323810	36.55 1.04 0.00	32.75 0.87 0.00	33.34 0.99 0.00	34.69 1.12 0.00	37.11 1.24 0.00	35.35 1.21 0.00	52.46 2.04 0.00	59.62 2.81 0.00	55.85 2.12 0.00	51.29 1.28 0.00	38.66 0.52 0.00	36.75 0.48 0.00	38.00 0.78 0.00	40.43 1.11 0.00	48.91 1.41 0.00	54.20 2.02 0.00	106.57 5.60 0.00	84.58 4.40 0.00	57.21 3.13 0.00	50.24 2.65 0.00	45.88 2.09 0.00	47.74 1.98 0.00	44.20 1.64 0.00	42.76 1.65 0.00
DASHVILLE___HYD 23610	37.52 2.01 0.00	33.63 1.75 0.00	33.99 1.64 0.00	35.33 1.76 0.00	37.84 1.97 0.00	36.12 1.99 0.00	53.65 3.22 0.00	61.20 4.38 0.00	57.37 3.63 0.00	53.14 3.13 0.00	40.20 2.06 0.00	38.47 2.20 0.00	39.35 2.13 0.00	41.49 2.18 0.00	50.23 2.73 0.00	55.62 3.44 0.00	108.61 7.64 0.00	86.67 6.49 0.00	58.62 4.54 0.00	51.38 3.79 0.00	46.88 3.09 0.00	48.57 2.81 0.00	44.99 2.43 0.00	43.43 2.31 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.52 2.01 0.00	33.60 1.73 0.00	33.65 1.30 0.00	35.11 1.54 0.00	37.62 1.75 0.00	36.17 2.04 0.00	53.42 3.00 0.00	61.21 4.40 0.00	57.17 3.43 0.00	52.73 2.72 0.00	39.73 1.60 0.01	31.32 1.74 6.69	34.73 1.88 4.36	12.83 1.57 28.06	40.58 1.47 8.39	34.47 1.99 19.70	106.33 5.36 0.00	84.94 4.75 0.00	58.31 4.23 0.00	50.51 2.92 0.00	45.14 1.35 0.00	46.16 0.40 0.00	42.94 0.37 0.00	41.91 0.79 0.00
DELAWARE___LFGE 323621	36.44 0.92 0.00	32.71 0.83 0.00	33.22 0.87 0.00	34.49 0.92 0.00	36.86 0.99 0.00	35.01 0.88 0.00	51.91 1.49 0.00	58.89 2.08 0.00	55.32 1.58 0.00	51.52 1.51 0.00	39.21 1.07 0.00	37.32 1.05 0.00	38.34 1.12 0.00	40.39 1.08 0.00	48.74 1.24 0.00	53.68 1.50 0.00	104.11 3.13 0.00	82.87 2.69 0.00	55.99 1.91 0.00	49.14 1.56 0.00	45.02 1.23 0.00	46.87 1.11 0.00	43.50 0.94 0.00	42.00 0.88 0.00
DERFIELD_115KV_TB7 355931	35.53 0.01 0.00	31.88 0.00 0.00	32.38 0.03 0.00	33.60 0.03 0.00	35.90 0.03 0.00	34.10 -0.03 0.00	50.43 0.00 0.00	56.95 0.14 0.00	53.74 0.00 0.00	50.01 0.00 0.00	38.07 -0.07 0.00	36.20 -0.07 0.00	37.18 -0.04 0.00	39.28 -0.04 0.00	47.43 -0.07 0.00	52.22 0.04 0.00	101.30 0.33 0.00	80.51 0.32 0.00	54.35 0.27 0.00	47.77 0.19 0.00	43.88 0.08 0.00	45.76 0.00 0.00	42.55 -0.01 0.00	41.11 -0.01 0.00
DOGLEVILLE___HYD 23807	34.91 -0.61 0.00	31.26 -0.62 0.00	31.75 -0.60 0.00	33.08 -0.48 0.00	35.44 -0.43 0.00	33.82 -0.30 0.00	50.39 -0.03 0.00	57.47 0.66 0.00	53.78 0.04 0.00	49.48 -0.53 0.00	36.93 -1.21 0.00	35.18 -1.09 0.00	36.35 -0.87 0.00	38.76 -0.55 0.00	47.05 -0.45 0.00	52.34 0.17 0.00	102.92 1.95 0.00	81.76 1.58 0.00	55.43 1.35 0.00	48.63 1.05 0.00	44.31 0.52 0.00	45.74 -0.02 0.00	42.08 -0.48 0.00	40.64 -0.48 0.00
DUNKIRK___115KV_TB_200 55889	35.69 0.17 0.00	31.91 0.03 0.00	32.13 -0.22 0.00	33.14 -0.42 0.00	35.35 -0.52 0.00	34.16 0.03 0.00	49.85 -0.58 0.00	55.86 -0.95 0.00	53.13 -0.60 0.00	50.31 0.31 0.00	39.01 0.87 0.00	36.76 0.49 0.00	37.38 0.16 0.00	38.97 -0.35 0.00	46.33 -1.17 0.00	50.65 -1.53 0.00	96.95 -4.03 0.00	77.25 -2.93 0.00	51.44 -2.64 0.00	45.06 -2.53 0.00	41.32 -2.47 0.00	43.90 -1.86 0.00	41.45 -1.11 0.00	40.58 -0.54 0.00
DUNKIRK___1 23563	35.69 0.17 0.00	31.91 0.03 0.00	32.13 -0.22 0.00	33.14 -0.42 0.00	35.35 -0.52 0.00	34.16 0.03 0.00	49.85 -0.58 0.00	55.86 -0.95 0.00	53.13 -0.60 0.00	50.31 0.31 0.00	39.01 0.87 0.00	36.76 0.49 0.00	37.38 0.16 0.00	38.97 -0.35 0.00	46.33 -1.17 0.00	50.65 -1.53 0.00	96.95 -4.03 0.00	77.25 -2.93 0.00	51.44 -2.64 0.00	45.06 -2.53 0.00	41.32 -2.47 0.00	43.90 -1.86 0.00	41.45 -1.11 0.00	40.58 -0.54 0.00
DUNKIRK___2 23564	35.69 0.17 0.00	31.91 0.03 0.00	32.13 -0.22 0.00	33.14 -0.42 0.00	35.35 -0.52 0.00	34.16 0.03 0.00	49.85 -0.58 0.00	55.86 -0.95 0.00	53.13 -0.60 0.00	50.31 0.31 0.00	39.01 0.87 0.00	36.76 0.49 0.00	37.38 0.16 0.00	38.97 -0.35 0.00	46.33 -1.17 0.00	50.65 -1.53 0.00	96.95 -4.03 0.00	77.25 -2.93 0.00	51.44 -2.64 0.00	45.06 -2.53 0.00	41.32 -2.47 0.00	43.90 -1.86 0.00	41.45 -1.11 0.00	40.58 -0.54 0.00
DUNKIRK___3 23565	35.55 0.04 0.00	31.80 -0.08 0.00	32.02 -0.33 0.00	33.04 -0.52 0.00	35.24 -0.63 0.00	34.03 -0.10 0.00	49.63 -0.80 0.00	55.62 -1.19 0.00	52.91 -0.83 0.00	50.09 0.08 0.00	38.85 0.71 0.00	36.63 0.37 0.00	37.29 0.07 0.00	38.86 -0.46 0.00	46.19 -1.31 0.00	50.48 -1.70 0.00	96.63 -4.34 0.00	76.99 -3.19 0.00	51.29 -2.79 0.00	44.94 -2.64 0.00	41.20 -2.60 0.00	43.74 -2.01 0.00	41.34 -1.22 0.00	40.49 -0.63 0.00
DUNKIRK___4 23566	35.55 0.04 0.00	31.80 -0.08 0.00	32.02 -0.33 0.00	33.04 -0.52 0.00	35.24 -0.63 0.00	34.03 -0.10 0.00	49.63 -0.80 0.00	55.62 -1.19 0.00	52.91 -0.83 0.00	50.09 0.08 0.00	38.85 0.71 0.00	36.63 0.37 0.00	37.29 0.07 0.00	38.86 -0.46 0.00	46.19 -1.31 0.00	50.48 -1.70 0.00	96.63 -4.34 0.00	76.99 -3.19 0.00	51.29 -2.79 0.00	44.94 -2.64 0.00	41.20 -2.60 0.00	43.74 -2.01 0.00	41.34 -1.22 0.00	40.49 -0.63 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.86 1.34 0.00	33.05 1.17 0.00	33.39 1.04 0.00	34.70 1.13 0.00	37.16 1.29 0.00	35.43 1.30 0.00	52.48 2.05 0.00	59.80 2.98 0.00	56.05 2.32 0.00	52.14 2.13 0.00	39.63 1.49 0.00	37.93 1.67 0.00	38.92 1.70 0.00	40.95 1.63 0.00	49.30 1.79 0.00	54.44 2.27 0.00	106.05 5.08 0.00	84.64 4.46 0.00	57.26 3.18 0.00	50.24 2.65 0.00	45.84 2.05 0.00	47.53 1.77 0.00	44.09 1.52 0.00	42.65 1.53 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.92 1.40 0.00	33.12 1.24 0.00	33.49 1.14 0.00	34.79 1.23 0.00	37.27 1.40 0.00	35.52 1.39 0.00	52.65 2.23 0.00	59.95 3.14 0.00	56.20 2.47 0.00	52.20 2.19 0.00	39.62 1.47 0.00	37.88 1.61 0.00	38.83 1.61 0.00	40.91 1.60 0.00	49.34 1.84 0.00	54.55 2.38 0.00	106.31 5.34 0.00	84.81 4.63 0.00	57.36 3.28 0.00	50.28 2.70 0.00	45.89 2.09 0.00	47.57 1.82 0.00	44.13 1.57 0.00	42.69 1.57 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.96 1.44 0.00	33.14 1.27 0.00	33.44 1.09 0.00	34.77 1.20 0.00	37.28 1.41 0.00	35.55 1.42 0.00	52.69 2.26 0.00	59.98 3.16 0.00	56.22 2.49 0.00	52.32 2.31 0.00	39.82 1.68 0.00	38.12 1.85 0.00	39.09 1.88 0.00	41.12 1.80 0.00	49.42 1.92 0.00	54.61 2.43 0.00	106.32 5.35 0.00	84.78 4.60 0.00	57.31 3.23 0.00	50.36 2.77 0.00	45.97 2.18 0.00	47.64 1.88 0.00	44.17 1.61 0.00	42.76 1.64 0.00
E179THST_13_KV_LOAD 356214	37.10 1.59 0.00	33.27 1.39 0.00	33.56 1.21 0.00	34.89 1.32 0.00	37.39 1.52 0.00	35.68 1.55 0.00	52.92 2.50 0.00	60.25 3.43 0.00	56.49 2.76 0.00	52.56 2.55 0.00	40.01 1.87 0.00	38.30 2.03 0.00	39.29 2.07 0.00	41.31 2.00 0.00	49.66 2.15 0.00	54.87 2.69 0.00	106.82 5.85 0.00	85.20 5.02 0.00	57.58 3.50 0.00	50.61 3.02 0.00	46.19 2.40 0.00	47.86 2.10 0.00	44.37 1.81 0.00	42.95 1.83 0.00
EAST HAMPTON___GT 23717	37.57 2.06 0.00	33.83 1.95 0.00	33.73 1.38 0.00	35.36 1.79 0.00	37.98 2.10 0.00	36.53 2.40 0.00	54.04 3.62 0.00	61.96 5.15 0.00	57.86 4.12 0.00	53.33 3.32 0.00	40.16 2.03 0.01	31.72 2.14 6.69	35.13 2.28 4.36	13.23 1.97 28.06	40.94 1.83 8.39	34.88 2.41 19.70	106.94 5.96 0.00	84.86 4.67 0.00	58.39 4.31 0.00	49.96 2.37 0.00	44.35 0.56 0.00	45.28 -0.48 0.00	42.08 -0.48 0.00	41.23 0.11 0.00
EAST RIVER___6 23660	36.90 1.38 0.00	33.08 1.20 0.00	33.35 1.00 0.00	34.69 1.12 0.00	37.23 1.36 0.00	35.47 1.34 0.00	52.60 2.18 0.00	59.96 3.15 0.00	56.25 2.52 0.00	52.46 2.45 0.00	39.87 1.73 0.00	38.20 1.94 0.00	39.20 1.98 0.00	41.22 1.91 0.00	49.56 2.06 0.00	54.72 2.55 0.00	106.49 5.52 0.00	85.02 4.84 0.00	57.50 3.42 0.00	50.43 2.84 0.00	46.02 2.23 0.00	47.66 1.90 0.00	44.18 1.62 0.00	42.71 1.59 0.00
EAST RIVER___7 23524	36.90 1.38 0.00	33.08 1.20 0.00	33.35 1.00 0.00	34.69 1.12 0.00	37.23 1.36 0.00	35.47 1.34 0.00	52.60 2.18 0.00	59.96 3.15 0.00	56.25 2.52 0.00	52.46 2.45 0.00	39.87 1.73 0.00	38.20 1.94 0.00	39.20 1.98 0.00	41.22 1.91 0.00	49.56 2.06 0.00	54.72 2.55 0.00	106.49 5.52 0.00	85.02 4.84 0.00	57.50 3.42 0.00	50.43 2.84 0.00	46.02 2.23 0.00	47.66 1.90 0.00	44.18 1.62 0.00	42.71 1.59 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.80 1.28 0.00	33.00 1.12 0.00	33.35 1.00 0.00	34.66 1.09 0.00	37.11 1.25 0.00	35.38 1.25 0.00	52.43 2.00 0.00	59.72 2.91 0.00	55.98 2.25 0.00	52.07 2.06 0.00	39.56 1.41 0.00	37.86 1.59 0.00	38.85 1.63 0.00	40.87 1.55 0.00	49.21 1.70 0.00	54.38 2.20 0.00	105.92 4.95 0.00	84.51 4.32 0.00	57.18 3.10 0.00	50.16 2.58 0.00	45.77 1.98 0.00	47.46 1.70 0.00	44.03 1.46 0.00	42.60 1.48 0.00
EAST_HAMPTON___DIESEL 23722	37.54 2.03 0.00	33.83 1.95 0.00	33.70 1.35 0.00	35.35 1.78 0.00	37.98 2.10 0.00	36.53 2.40 0.00	54.04 3.62 0.00	61.98 5.16 0.00	57.87 4.14 0.00	53.34 3.33 0.00	40.17 2.04 0.01	31.73 2.15 6.69	35.14 2.29 4.36	13.24 1.98 28.06	40.92 1.82 8.39	34.88 2.40 19.70	106.92 5.95 0.00	84.85 4.66 0.00	58.34 4.26 0.00	49.83 2.25 0.00	44.20 0.41 0.00	45.11 -0.65 0.00	41.91 -0.65 0.00	41.10 -0.02 0.00
EAST_POINT___SOLAR 323840	37.87 2.36 0.00	33.92 2.05 0.00	34.38 2.03 0.00	35.74 2.18 0.00	38.27 2.39 0.00	36.52 2.39 0.00	54.35 3.92 0.00	61.35 4.54 0.00	57.68 3.95 0.00	53.30 3.29 0.00	40.29 2.15 0.00	38.53 2.26 0.00	39.73 2.51 0.00	42.18 2.87 0.00	51.16 3.65 0.00	56.29 4.11 0.00	109.01 8.04 0.00	86.81 6.63 0.00	58.52 4.44 0.00	51.36 3.77 0.00	47.11 3.32 0.00	49.17 3.41 0.00	45.57 3.00 0.00	43.88 2.76 0.00
EAST_PULASKI___ESR 323781	34.57 -0.95 0.00	31.03 -0.85 0.00	31.50 -0.85 0.00	32.67 -0.89 0.00	34.96 -0.91 0.00	33.95 -0.18 0.00	50.49 0.07 0.00	57.08 0.27 0.00	53.97 0.23 0.00	50.28 0.27 0.00	38.41 0.27 0.00	36.56 0.29 0.00	37.54 0.32 0.00	39.59 0.28 0.00	47.84 0.34 0.00	52.33 0.16 0.00	99.65 -1.32 0.00	79.41 -0.77 0.00	53.53 -0.55 0.00	46.98 -0.61 0.00	43.07 -0.72 0.00	44.91 -0.85 0.00	41.56 -1.00 0.00	40.01 -1.11 0.00
EAST_RIVER___1 323558	36.89 1.37 0.00	33.07 1.19 0.00	33.38 1.03 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.47 1.34 0.00	52.60 2.18 0.00	59.94 3.13 0.00	56.23 2.50 0.00	52.39 2.39 0.00	39.83 1.68 0.00	38.16 1.89 0.00	39.15 1.94 0.00	41.17 1.85 0.00	49.51 2.01 0.00	54.66 2.48 0.00	106.44 5.46 0.00	84.91 4.73 0.00	57.45 3.37 0.00	50.38 2.79 0.00	45.99 2.19 0.00	47.64 1.89 0.00	44.18 1.61 0.00	42.72 1.60 0.00
EAST_RIVER___2 323559	36.90 1.38 0.00	33.08 1.20 0.00	33.35 1.00 0.00	34.69 1.12 0.00	37.23 1.36 0.00	35.47 1.34 0.00	52.60 2.18 0.00	59.96 3.15 0.00	56.25 2.52 0.00	52.46 2.45 0.00	39.87 1.73 0.00	38.20 1.94 0.00	39.20 1.98 0.00	41.22 1.91 0.00	49.56 2.06 0.00	54.72 2.55 0.00	106.49 5.52 0.00	85.02 4.84 0.00	57.50 3.42 0.00	50.43 2.84 0.00	46.02 2.23 0.00	47.66 1.90 0.00	44.18 1.62 0.00	42.71 1.59 0.00
EAST___DELAWARE_HYD 23607	36.45 0.93 0.00	32.67 0.80 0.00	33.05 0.71 0.00	34.35 0.78 0.00	36.79 0.92 0.00	35.12 0.99 0.00	52.13 1.71 0.00	59.40 2.59 0.00	55.77 2.04 0.00	51.63 1.62 0.00	39.07 0.92 0.00	37.38 1.11 0.00	38.23 1.01 0.00	40.41 1.09 0.00	48.79 1.29 0.00	54.06 1.88 0.00	105.35 4.38 0.00	83.96 3.77 0.00	56.78 2.70 0.00	49.77 2.18 0.00	45.42 1.62 0.00	47.07 1.31 0.00	43.61 1.05 0.00	42.12 1.00 0.00
EIGHT_POINT___WT_PWR 323820	35.48 -0.03 0.00	31.86 -0.02 0.00	32.09 -0.26 0.00	32.87 -0.69 0.00	35.36 -0.51 0.00	34.20 0.07 0.00	50.64 0.22 0.00	57.07 0.26 0.00	54.12 0.38 0.00	51.22 1.21 0.00	39.49 1.34 0.00	37.32 1.05 0.00	38.03 0.81 0.00	39.44 0.12 0.00	47.31 -0.20 0.00	52.18 0.00 0.00	100.57 -0.40 0.00	80.13 -0.05 0.00	53.53 -0.54 0.00	46.16 -1.43 0.00	41.73 -2.07 0.00	43.58 -2.18 0.00	41.07 -1.49 0.00	40.02 -1.10 0.00
ELBRIDGE_115KV_TB2 80188	34.84 -0.68 0.00	31.27 -0.61 0.00	31.69 -0.65 0.00	32.85 -0.72 0.00	35.09 -0.78 0.00	33.43 -0.70 0.00	49.41 -1.01 0.00	55.76 -1.05 0.00	52.64 -1.10 0.00	49.09 -0.92 0.00	37.50 -0.64 0.00	35.62 -0.64 0.00	36.54 -0.68 0.00	38.49 -0.83 0.00	46.39 -1.11 0.00	51.04 -1.14 0.00	98.99 -1.98 0.00	78.82 -1.37 0.00	53.19 -0.89 0.00	46.72 -0.87 0.00	42.85 -0.94 0.00	44.75 -1.01 0.00	41.64 -0.93 0.00	40.27 -0.85 0.00
ELEC_TRO_TEK 24086	37.05 1.53 0.00	33.19 1.31 0.00	33.45 1.10 0.00	34.75 1.18 0.00	37.16 1.29 0.00	35.51 1.38 0.00	52.49 2.06 0.00	59.93 3.12 0.00	56.15 2.42 0.00	52.23 2.22 0.00	39.90 1.71 -0.04	37.67 1.88 0.48	38.99 1.97 0.19	33.91 1.84 7.25	47.70 1.88 1.68	48.94 2.29 5.53	105.95 4.98 0.00	84.77 4.58 0.00	57.67 3.59 0.00	50.58 3.00 0.00	46.03 2.24 0.00	47.68 1.92 0.00	44.29 1.73 0.00	42.84 1.72 0.00

ELLENBURG_WT_PWR 323604	35.40 -0.11 0.00	31.88 0.00 0.00	32.30 -0.04 0.00	33.74 0.18 0.00	36.24 0.37 0.00	34.51 0.38 0.00	51.10 0.68 0.00	57.58 0.77 0.00	54.76 1.02 0.00	50.74 0.73 0.00	38.69 0.55 0.00	36.79 0.52 0.00	37.76 0.54 0.00	40.57 1.25 0.00	49.42 1.92 0.00	53.68 1.50 0.00	102.63 1.66 0.00	80.92 0.73 0.00	54.68 0.60 0.00	48.38 0.80 0.00	44.46 0.66 0.00	46.67 0.91 0.00	43.44 0.88 0.00	41.83 0.71 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.11 -0.40 0.00	31.42 -0.46 0.00	31.64 -0.71 0.00	32.67 -0.89 0.00	34.86 -1.02 0.00	33.61 -0.52 0.00	48.93 -1.49 0.00	54.66 -2.15 0.00	52.07 -1.67 0.00	49.27 -0.74 0.00	38.22 0.08 0.00	36.02 -0.24 0.00	36.67 -0.55 0.00	38.22 -1.10 0.00	45.40 -2.10 0.00	49.61 -2.57 0.00	95.12 -5.85 0.00	75.85 -4.33 0.00	50.56 -3.52 0.00	44.31 -3.27 0.00	40.65 -3.14 0.00	43.19 -2.57 0.00	40.92 -1.64 0.00	40.11 -1.01 0.00
EMPIRE_CC_1 323656	36.22 0.70 0.00	32.48 0.60 0.00	32.99 0.64 0.00	34.28 0.72 0.00	36.66 0.79 0.00	34.94 0.81 0.00	51.73 1.30 0.00	58.72 1.90 0.00	55.09 1.36 0.00	50.88 0.87 0.00	38.46 0.31 0.00	36.62 0.35 0.00	37.67 0.44 0.00	39.91 0.60 0.00	48.26 0.76 0.00	53.44 1.26 0.00	104.71 3.73 0.00	83.19 3.00 0.00	56.21 2.14 0.00	49.39 1.80 0.00	45.17 1.38 0.00	46.98 1.22 0.00	43.60 1.03 0.00	42.16 1.04 0.00
EMPIRE_CC_2 323658	36.22 0.70 0.00	32.48 0.60 0.00	32.99 0.64 0.00	34.28 0.72 0.00	36.66 0.79 0.00	34.94 0.81 0.00	51.73 1.30 0.00	58.72 1.90 0.00	55.09 1.36 0.00	50.88 0.87 0.00	38.46 0.31 0.00	36.62 0.35 0.00	37.67 0.44 0.00	39.91 0.60 0.00	48.26 0.76 0.00	53.44 1.26 0.00	104.71 3.73 0.00	83.19 3.00 0.00	56.21 2.14 0.00	49.39 1.80 0.00	45.17 1.38 0.00	46.98 1.22 0.00	43.60 1.03 0.00	42.16 1.04 0.00
ENORWICH_115KV_TB1 80156	38.14 2.63 0.00	34.25 2.38 0.00	34.61 2.26 0.00	35.96 2.40 0.00	38.42 2.55 0.00	36.91 2.78 0.00	55.64 5.22 0.00	67.84 11.03 0.00	61.54 7.80 0.00	56.68 6.67 0.00	42.50 4.36 0.00	40.72 4.45 0.00	42.20 4.98 0.00	44.64 5.32 0.00	54.07 6.57 0.00	59.70 7.53 0.00	113.57 12.60 0.00	88.43 8.25 0.00	59.73 5.65 0.00	52.40 4.81 0.00	47.89 4.10 0.00	49.76 4.00 0.00	45.76 3.19 0.00	43.69 2.57 0.00
ERIE_ST__34_KV_TB1-2 80199	35.62 0.11 0.00	31.89 0.01 0.00	32.10 -0.25 0.00	33.17 -0.39 0.00	35.40 -0.47 0.00	34.11 -0.02 0.00	49.68 -0.75 0.00	55.73 -1.08 0.00	52.94 -0.80 0.00	50.11 0.09 0.00	38.85 0.71 0.00	36.70 0.44 0.00	37.50 0.28 0.00	39.04 -0.28 0.00	46.42 -1.08 0.00	50.74 -1.44 0.00	97.07 -3.90 0.00	77.41 -2.78 0.00	51.69 -2.39 0.00	45.33 -2.26 0.00	41.53 -2.27 0.00	44.00 -1.75 0.00	41.68 -0.89 0.00	40.80 -0.32 0.00
ERIE_WT_PWR 323693	35.40 -0.11 0.00	31.66 -0.22 0.00	31.91 -0.44 0.00	32.91 -0.65 0.00	35.12 -0.75 0.00	33.83 -0.29 0.00	49.31 -1.11 0.00	55.14 -1.67 0.00	52.53 -1.21 0.00	49.69 -0.32 0.00	38.55 0.41 0.00	36.37 0.10 0.00	37.03 -0.19 0.00	38.58 -0.74 0.00	45.84 -1.66 0.00	50.13 -2.05 0.00	96.03 -4.94 0.00	76.60 -3.59 0.00	51.03 -3.04 0.00	44.72 -2.87 0.00	40.99 -2.81 0.00	43.51 -2.25 0.00	41.18 -1.39 0.00	40.40 -0.72 0.00
ESPRGFLD_115KV_TB1 80157	37.35 1.84 0.00	33.48 1.61 0.00	33.94 1.59 0.00	35.28 1.71 0.00	37.72 1.85 0.00	35.92 1.80 0.00	53.36 2.94 0.00	60.24 3.42 0.00	56.98 3.24 0.00	53.29 3.28 0.00	40.78 2.64 0.00	38.74 2.47 0.00	39.81 2.59 0.00	41.93 2.61 0.00	50.58 3.08 0.00	55.43 3.26 0.00	106.58 5.61 0.00	84.67 4.49 0.00	57.08 3.00 0.00	50.10 2.52 0.00	46.03 2.23 0.00	48.09 2.33 0.00	44.64 2.07 0.00	43.00 1.88 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.03 0.51 0.00	32.35 0.47 0.00	32.78 0.43 0.00	33.97 0.40 0.00	36.29 0.43 0.00	34.64 0.51 0.00	51.35 0.92 0.00	57.75 0.94 0.00	54.38 0.65 0.00	50.74 0.73 0.00	38.69 0.55 0.00	36.74 0.48 0.00	37.76 0.54 0.00	39.70 0.38 0.00	47.90 0.40 0.00	52.83 0.65 0.00	102.65 1.68 0.00	82.15 1.96 0.00	55.42 1.34 0.00	48.63 1.05 0.00	44.52 0.73 0.00	46.40 0.64 0.00	43.07 0.50 0.00	41.62 0.50 0.00
ETNA____115KV_TB2 80207	36.03 0.51 0.00	32.35 0.47 0.00	32.78 0.43 0.00	33.97 0.40 0.00	36.29 0.43 0.00	34.64 0.51 0.00	51.35 0.92 0.00	57.75 0.94 0.00	54.38 0.65 0.00	50.74 0.73 0.00	38.69 0.55 0.00	36.74 0.48 0.00	37.76 0.54 0.00	39.70 0.38 0.00	47.90 0.40 0.00	52.83 0.65 0.00	102.65 1.68 0.00	82.15 1.96 0.00	55.42 1.34 0.00	48.63 1.05 0.00	44.52 0.73 0.00	46.40 0.64 0.00	43.07 0.50 0.00	41.62 0.50 0.00
EUCLID__115KV_TB2 356179	34.74 -0.77 0.00	31.18 -0.69 0.00	31.62 -0.73 0.00	32.77 -0.80 0.00	35.01 -0.86 0.00	33.42 -0.72 0.00	49.40 -1.02 0.00	55.80 -1.01 0.00	52.68 -1.06 0.00	49.13 -0.87 0.00	37.52 -0.62 0.00	35.66 -0.61 0.00	36.58 -0.63 0.00	38.54 -0.78 0.00	46.45 -1.05 0.00	51.10 -1.08 0.00	98.96 -2.02 0.00	78.73 -1.46 0.00	53.05 -1.03 0.00	46.60 -0.99 0.00	42.75 -1.05 0.00	44.65 -1.11 0.00	41.53 -1.03 0.00	40.16 -0.96 0.00
E_CANADA_CAP_HY 24051	37.45 1.94 0.00	33.54 1.66 0.00	33.98 1.64 0.00	35.36 1.80 0.00	37.82 1.95 0.00	36.04 1.91 0.00	53.51 3.09 0.00	60.23 3.42 0.00	56.95 3.21 0.00	53.16 3.15 0.00	40.66 2.52 0.00	38.64 2.37 0.00	39.62 2.41 0.00	41.89 2.58 0.00	50.67 3.17 0.00	55.51 3.33 0.00	106.79 5.82 0.00	84.98 4.79 0.00	57.24 3.16 0.00	50.27 2.68 0.00	46.22 2.43 0.00	48.36 2.60 0.00	44.91 2.34 0.00	43.29 2.17 0.00
E_CANADA_MHWK_HY 24050	34.91 -0.61 0.00	31.26 -0.62 0.00	31.75 -0.60 0.00	33.08 -0.48 0.00	35.44 -0.43 0.00	33.82 -0.30 0.00	50.39 -0.03 0.00	57.47 0.66 0.00	53.78 0.04 0.00	49.48 -0.53 0.00	36.93 -1.21 0.00	35.18 -1.09 0.00	36.35 -0.87 0.00	38.76 -0.55 0.00	47.05 -0.45 0.00	52.34 0.17 0.00	102.92 1.95 0.00	81.76 1.58 0.00	55.43 1.35 0.00	48.63 1.05 0.00	44.31 0.52 0.00	45.74 -0.02 0.00	42.08 -0.48 0.00	40.64 -0.48 0.00
E_FISHKILL__LBMP 23776	36.63 1.11 0.00	32.84 0.96 0.00	33.21 0.86 0.00	34.52 0.95 0.00	36.95 1.08 0.00	35.21 1.08 0.00	52.15 1.73 0.00	59.38 2.57 0.00	55.67 1.93 0.00	51.74 1.73 0.00	39.26 1.12 0.00	37.56 1.29 0.00	38.53 1.31 0.00	40.59 1.27 0.00	48.89 1.39 0.00	54.07 1.89 0.00	105.41 4.44 0.00	84.07 3.88 0.00	56.86 2.78 0.00	49.88 2.30 0.00	45.54 1.75 0.00	47.24 1.48 0.00	43.83 1.26 0.00	42.41 1.28 0.00
FALCON___SEABRD_CC1 323796	35.62 0.11 0.00	32.07 0.20 0.00	32.50 0.15 0.00	34.00 0.44 0.00	36.50 0.63 0.00	34.81 0.68 0.00	51.52 1.09 0.00	58.11 1.30 0.00	55.17 1.44 0.00	51.07 1.06 0.00	38.96 0.82 0.00	37.08 0.81 0.00	38.09 0.87 0.00	40.93 1.61 0.00	49.87 2.37 0.00	54.04 1.86 0.00	102.97 1.99 0.00	80.86 0.68 0.00	54.79 0.70 0.00	48.66 1.07 0.00	44.67 0.88 0.00	46.88 1.13 0.00	43.67 1.11 0.00	42.13 1.01 0.00

FALCON___SEABRD_CC2 323797	35.62 0.11 0.00	32.07 0.20 0.00	32.50 0.15 0.00	34.00 0.44 0.00	36.50 0.63 0.00	34.81 0.68 0.00	51.52 1.09 0.00	58.11 1.30 0.00	55.17 1.44 0.00	51.07 1.06 0.00	38.96 0.82 0.00	37.08 0.81 0.00	38.09 0.87 0.00	40.93 1.61 0.00	49.87 2.37 0.00	54.04 1.86 0.00	102.97 1.99 0.00	80.86 0.68 0.00	54.79 0.70 0.00	48.66 1.07 0.00	44.67 0.88 0.00	46.88 1.13 0.00	43.67 1.11 0.00	42.13 1.01 0.00
FAR ROCKAWAY___4 23548	37.48 1.97 0.00	33.55 1.68 0.00	33.81 1.46 0.00	35.12 1.56 0.00	37.55 1.68 0.00	35.91 1.78 0.00	53.13 2.71 0.00	60.66 3.85 0.00	56.78 3.05 0.00	52.83 2.83 0.00	40.48 2.22 -0.12	42.23 2.35 -3.61	42.32 2.44 -2.65	41.99 2.37 -0.30	51.58 2.51 -1.56	54.05 2.96 1.08	107.27 6.29 0.00	85.56 5.37 0.00	58.42 4.34 0.00	51.26 3.67 0.00	46.65 2.85 0.00	48.28 2.52 0.00	44.86 2.30 0.00	43.34 2.22 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.91 1.40 0.00	33.09 1.21 0.00	33.41 1.07 0.00	34.75 1.18 0.00	37.23 1.36 0.00	35.50 1.37 0.00	52.64 2.22 0.00	60.00 3.19 0.00	56.28 2.55 0.00	52.44 2.43 0.00	39.86 1.71 0.00	38.18 1.92 0.00	39.17 1.95 0.00	41.20 1.88 0.00	49.54 2.04 0.00	54.70 2.52 0.00	106.49 5.52 0.00	84.98 4.80 0.00	57.47 3.39 0.00	50.42 2.83 0.00	46.01 2.22 0.00	47.68 1.92 0.00	44.21 1.65 0.00	42.76 1.64 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.87 1.36 0.00	33.06 1.18 0.00	33.38 1.03 0.00	34.70 1.14 0.00	37.19 1.32 0.00	35.46 1.33 0.00	52.58 2.15 0.00	59.91 3.10 0.00	56.19 2.45 0.00	52.35 2.34 0.00	39.80 1.65 0.00	38.13 1.87 0.00	39.12 1.90 0.00	41.14 1.82 0.00	49.46 1.96 0.00	54.61 2.43 0.00	106.34 5.37 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.34 2.75 0.00	45.95 2.16 0.00	47.62 1.87 0.00	44.14 1.58 0.00	42.71 1.59 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.89 1.38 0.00	33.09 1.21 0.00	33.40 1.05 0.00	34.72 1.16 0.00	37.21 1.34 0.00	35.48 1.36 0.00	52.62 2.19 0.00	59.97 3.15 0.00	56.24 2.51 0.00	52.41 2.40 0.00	39.83 1.69 0.00	38.17 1.90 0.00	39.16 1.94 0.00	41.18 1.87 0.00	49.51 2.01 0.00	54.66 2.49 0.00	106.44 5.47 0.00	84.92 4.74 0.00	57.45 3.37 0.00	50.39 2.80 0.00	45.99 2.20 0.00	47.66 1.90 0.00	44.18 1.61 0.00	42.74 1.62 0.00
FARRAGUT___LBMP 323566	36.87 1.36 0.00	33.06 1.18 0.00	33.38 1.03 0.00	34.70 1.14 0.00	37.19 1.32 0.00	35.46 1.33 0.00	52.58 2.15 0.00	59.91 3.10 0.00	56.19 2.45 0.00	52.35 2.34 0.00	39.80 1.65 0.00	38.13 1.87 0.00	39.12 1.90 0.00	41.14 1.82 0.00	49.46 1.96 0.00	54.61 2.43 0.00	106.34 5.37 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.34 2.75 0.00	45.95 2.16 0.00	47.62 1.87 0.00	44.14 1.58 0.00	42.71 1.59 0.00
FENNER___WINDPWR 24204	36.07 0.55 0.00	32.35 0.48 0.00	32.85 0.50 0.00	34.06 0.50 0.00	36.41 0.54 0.00	34.77 0.64 0.00	51.60 1.18 0.00	58.37 1.55 0.00	55.08 1.34 0.00	51.27 1.26 0.00	39.07 0.93 0.00	37.14 0.88 0.00	38.20 0.98 0.00	40.24 0.92 0.00	48.56 1.05 0.00	53.49 1.31 0.00	103.56 2.59 0.00	82.34 2.16 0.00	55.50 1.43 0.00	48.71 1.12 0.00	44.69 0.90 0.00	46.55 0.79 0.00	43.15 0.58 0.00	41.63 0.51 0.00
FIBERTEK___ENERGY 23856	35.06 -0.45 0.00	31.47 -0.41 0.00	31.91 -0.44 0.00	33.06 -0.50 0.00	35.31 -0.56 0.00	33.77 -0.36 0.00	49.95 -0.47 0.00	56.43 -0.38 0.00	53.27 -0.47 0.00	49.67 -0.34 0.00	37.93 -0.21 0.00	36.03 -0.23 0.00	36.96 -0.26 0.00	38.95 -0.37 0.00	46.96 -0.54 0.00	51.61 -0.57 0.00	99.81 -1.16 0.00	79.45 -0.74 0.00	53.57 -0.51 0.00	47.05 -0.54 0.00	43.16 -0.63 0.00	45.07 -0.69 0.00	41.93 -0.64 0.00	40.53 -0.59 0.00
FITZPATRICK____ 23598	34.22 -1.30 0.00	30.73 -1.14 0.00	31.16 -1.19 0.00	32.30 -1.27 0.00	34.51 -1.36 0.00	32.92 -1.21 0.00	48.63 -1.80 0.00	54.88 -1.94 0.00	51.83 -1.91 0.00	48.31 -1.70 0.00	36.87 -1.27 0.00	35.04 -1.23 0.00	35.96 -1.26 0.00	37.91 -1.41 0.00	45.72 -1.78 0.00	50.27 -1.91 0.00	97.36 -3.61 0.00	77.42 -2.76 0.00	52.20 -1.88 0.00	45.87 -1.72 0.00	42.11 -1.68 0.00	44.00 -1.76 0.00	40.93 -1.64 0.00	39.57 -1.54 0.00
FLOWRFLD_69_KV_BK1 356044	37.38 1.87 0.00	33.38 1.51 0.00	33.57 1.22 0.00	34.86 1.29 0.00	37.27 1.41 0.00	35.74 1.62 0.00	52.73 2.31 0.00	60.37 3.56 0.00	56.45 2.71 0.00	52.22 2.21 0.00	39.65 1.52 0.01	31.38 1.75 6.64	34.76 1.87 4.33	13.11 1.70 27.91	40.93 1.78 8.35	34.84 2.26 19.60	106.07 5.09 0.00	84.73 4.54 0.00	57.99 3.91 0.00	51.07 3.49 0.00	46.21 2.42 0.00	47.58 1.82 0.00	44.28 1.72 0.00	42.87 1.75 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.23 1.71 0.00	33.37 1.50 0.00	33.74 1.39 0.00	35.06 1.49 0.00	37.54 1.67 0.00	35.82 1.69 0.00	53.12 2.70 0.00	60.51 3.70 0.00	56.72 2.99 0.00	52.65 2.64 0.00	39.93 1.79 0.00	38.14 1.88 0.00	39.13 1.91 0.00	41.28 1.96 0.00	49.78 2.28 0.00	55.07 2.89 0.00	107.45 6.48 0.00	85.70 5.52 0.00	57.96 3.89 0.00	50.83 3.25 0.00	46.38 2.59 0.00	48.09 2.33 0.00	44.58 2.02 0.00	43.08 1.96 0.00
FORT ORANGE____ 23900	36.03 0.51 0.00	32.34 0.46 0.00	32.87 0.52 0.00	34.10 0.54 0.00	36.44 0.57 0.00	34.74 0.61 0.00	51.46 1.04 0.00	58.39 1.58 0.00	54.80 1.06 0.00	50.55 0.54 0.00	38.19 0.05 0.00	36.37 0.10 0.00	37.41 0.19 0.00	39.63 0.31 0.00	48.09 0.59 0.00	53.19 1.02 0.00	104.07 3.10 0.00	82.74 2.55 0.00	55.91 1.83 0.00	49.09 1.51 0.00	44.96 1.17 0.00	46.78 1.02 0.00	43.35 0.79 0.00	41.83 0.71 0.00
FORT_DRUM_COGEN 23780	35.31 -0.20 0.00	31.68 -0.19 0.00	32.27 -0.08 0.00	33.57 0.00 0.00	35.96 0.09 0.00	34.63 0.50 0.00	51.85 1.43 0.00	58.61 1.80 0.00	55.59 1.85 0.00	51.64 1.63 0.00	39.43 1.29 0.00	37.64 1.37 0.00	38.76 1.54 0.00	41.03 1.71 0.00	49.76 2.26 0.00	54.35 2.17 0.00	104.85 3.88 0.00	83.79 3.60 0.00	56.49 2.41 0.00	49.48 1.90 0.00	45.27 1.48 0.00	47.02 1.26 0.00	43.01 0.45 0.00	40.95 -0.17 0.00
FOX_HILLS___ESR 323835	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.82 2.40 0.00	60.06 3.25 0.00	56.28 2.55 0.00	52.39 2.38 0.00	39.98 1.84 0.00	38.29 2.03 0.00	39.27 2.05 0.00	41.27 1.96 0.00	49.54 2.04 0.00	54.60 2.43 0.00	106.20 5.23 0.00	84.68 4.50 0.00	57.36 3.28 0.00	50.46 2.87 0.00	46.11 2.32 0.00	47.81 2.05 0.00	44.37 1.81 0.00	43.01 1.89 0.00
FPL FAR_ROCK_GT1 24212	37.48 1.97 0.00	33.55 1.68 0.00	33.81 1.46 0.00	35.12 1.55 0.00	37.55 1.68 0.00	35.91 1.78 0.00	53.13 2.70 0.00	60.66 3.85 0.00	56.78 3.05 0.00	52.83 2.82 0.00	40.48 2.22 -0.12	42.22 2.34 -3.61	42.33 2.46 -2.65	41.98 2.37 -0.30	51.59 2.52 -1.56	54.04 2.95 1.08	107.26 6.29 0.00	85.56 5.37 0.00	58.42 4.34 0.00	51.26 3.67 0.00	46.65 2.86 0.00	48.28 2.52 0.00	44.86 2.30 0.00	43.34 2.22 0.00

FPL FAR_ROCK_GT2 23815	37.48 1.97 0.00	33.55 1.68 0.00	33.81 1.46 0.00	35.12 1.55 0.00	37.55 1.68 0.00	35.91 1.78 0.00	53.13 2.70 0.00	60.66 3.85 0.00	56.78 3.05 0.00	52.83 2.82 0.00	40.48 2.22 -0.12	42.22 2.34 -3.61	42.33 2.46 -2.65	41.98 2.37 -0.30	51.59 2.52 -1.56	54.04 2.95 1.08	107.26 6.29 0.00	85.56 5.37 0.00	58.42 4.34 0.00	51.26 3.67 0.00	46.65 2.86 0.00	48.28 2.52 0.00	44.86 2.30 0.00	43.34 2.22 0.00
FRANKLIN_FALL_HYD 24054	35.99 0.47 0.00	32.35 0.48 0.00	32.78 0.43 0.00	34.22 0.65 0.00	36.75 0.88 0.00	35.00 0.87 0.00	52.08 1.65 0.00	58.76 1.95 0.00	55.95 2.21 0.00	51.90 1.89 0.00	39.62 1.47 0.00	37.65 1.38 0.00	38.63 1.41 0.00	41.43 2.12 0.00	50.46 2.96 0.00	54.85 2.68 0.00	105.30 4.33 0.00	83.38 3.20 0.00	56.25 2.17 0.00	49.65 2.06 0.00	45.57 1.78 0.00	47.82 2.06 0.00	44.34 1.78 0.00	42.51 1.39 0.00
FREEPORT_EQUS_GT1 23764	37.26 1.75 0.00	33.36 1.48 0.00	33.59 1.24 0.00	34.88 1.31 0.00	37.30 1.44 0.00	35.69 1.56 0.00	52.59 2.16 0.00	60.06 3.25 0.00	56.27 2.54 0.00	52.42 2.41 0.00	40.03 1.85 -0.03	35.89 2.01 2.39	37.87 2.11 1.47	26.58 1.95 14.69	45.58 2.02 3.94	43.94 2.48 10.72	106.15 5.18 0.00	84.88 4.70 0.00	57.86 3.78 0.00	50.91 3.33 0.00	46.31 2.52 0.00	47.93 2.18 0.00	44.56 2.00 0.00	43.06 1.94 0.00
FREEPORT___CT2 23818	37.26 1.75 0.00	33.36 1.48 0.00	33.59 1.24 0.00	34.88 1.31 0.00	37.30 1.44 0.00	35.69 1.56 0.00	52.59 2.16 0.00	60.06 3.25 0.00	56.27 2.54 0.00	52.42 2.41 0.00	40.03 1.85 -0.03	35.89 2.01 2.39	37.87 2.11 1.47	26.58 1.95 14.69	45.58 2.02 3.94	43.94 2.48 10.72	106.15 5.18 0.00	84.88 4.70 0.00	57.86 3.78 0.00	50.91 3.33 0.00	46.31 2.52 0.00	47.93 2.18 0.00	44.56 2.00 0.00	43.06 1.94 0.00
FRESHKLS_33_KV_LOAD 356253	37.12 1.61 0.00	33.30 1.43 0.00	33.63 1.28 0.00	34.95 1.39 0.00	37.45 1.58 0.00	35.74 1.61 0.00	52.86 2.44 0.00	60.02 3.21 0.00	56.22 2.49 0.00	52.31 2.30 0.00	39.99 1.84 0.00	38.29 2.02 0.00	39.26 2.03 0.00	41.24 1.93 0.00	49.50 2.00 0.00	54.54 2.36 0.00	106.08 5.10 0.00	84.56 4.38 0.00	57.30 3.22 0.00	50.45 2.87 0.00	46.10 2.31 0.00	47.79 2.04 0.00	44.39 1.83 0.00	43.06 1.94 0.00
FULTON COGEN____ 23766	34.44 -1.07 0.00	30.91 -0.96 0.00	31.35 -1.00 0.00	32.48 -1.08 0.00	34.75 -1.12 0.00	33.80 -0.33 0.00	50.17 -0.25 0.00	56.73 -0.08 0.00	53.57 -0.16 0.00	49.98 -0.03 0.00	38.19 0.05 0.00	36.33 0.06 0.00	37.27 0.05 0.00	39.26 -0.06 0.00	47.37 -0.14 0.00	51.88 -0.30 0.00	98.34 -2.63 0.00	78.24 -1.95 0.00	52.72 -1.36 0.00	46.31 -1.27 0.00	42.48 -1.31 0.00	44.36 -1.40 0.00	41.24 -1.33 0.00	39.86 -1.26 0.00
FULTON___LFGE 323630	37.48 1.96 0.00	33.57 1.70 0.00	34.05 1.70 0.00	35.38 1.82 0.00	37.84 1.97 0.00	36.09 1.96 0.00	53.65 3.23 0.00	60.61 3.80 0.00	57.03 3.30 0.00	53.01 3.00 0.00	40.10 1.96 0.00	38.08 1.81 0.00	39.23 2.01 0.00	41.72 2.40 0.00	50.66 3.16 0.00	55.72 3.54 0.00	107.94 6.97 0.00	85.92 5.74 0.00	57.93 3.85 0.00	50.85 3.26 0.00	46.65 2.85 0.00	48.66 2.90 0.00	45.12 2.56 0.00	43.50 2.38 0.00
G.F.CEMENT___DRP 24184	36.55 1.03 0.00	32.73 0.85 0.00	33.38 1.03 0.00	34.78 1.21 0.00	37.21 1.34 0.00	35.40 1.27 0.00	52.61 2.18 0.00	59.90 3.08 0.00	56.10 2.36 0.00	51.36 1.35 0.00	38.62 0.48 0.00	36.70 0.43 0.00	38.04 0.82 0.00	40.56 1.24 0.00	49.05 1.55 0.00	54.39 2.21 0.00	107.29 6.32 0.00	85.03 4.84 0.00	57.58 3.50 0.00	50.55 2.96 0.00	46.09 2.29 0.00	47.96 2.20 0.00	44.31 1.75 0.00	42.93 1.81 0.00
GARDENVILLE___LBMP 24039	35.25 -0.27 0.00	31.54 -0.33 0.00	31.77 -0.58 0.00	32.79 -0.78 0.00	34.98 -0.89 0.00	33.73 -0.40 0.00	49.12 -1.30 0.00	54.93 -1.88 0.00	52.31 -1.43 0.00	49.47 -0.53 0.00	38.39 0.25 0.00	36.20 -0.07 0.00	36.90 -0.33 0.00	38.42 -0.90 0.00	45.64 -1.86 0.00	49.90 -2.28 0.00	95.64 -5.34 0.00	76.25 -3.94 0.00	50.82 -3.26 0.00	44.54 -3.05 0.00	40.83 -2.96 0.00	43.36 -2.40 0.00	41.06 -1.51 0.00	40.25 -0.87 0.00
GARDNVLA_35_KV_LD 355827	35.46 -0.06 0.00	31.71 -0.16 0.00	31.94 -0.41 0.00	32.96 -0.61 0.00	35.15 -0.71 0.00	33.90 -0.23 0.00	49.39 -1.04 0.00	55.26 -1.55 0.00	52.62 -1.12 0.00	49.77 -0.23 0.00	38.61 0.46 0.00	36.40 0.13 0.00	37.10 -0.12 0.00	38.64 -0.68 0.00	45.92 -1.59 0.00	50.21 -1.97 0.00	96.22 -4.75 0.00	76.74 -3.44 0.00	51.15 -2.93 0.00	44.82 -2.77 0.00	41.09 -2.70 0.00	43.61 -2.15 0.00	41.29 -1.27 0.00	40.47 -0.65 0.00
GELCKHM___115KV_LOAD 80723	34.86 -0.65 0.00	31.29 -0.58 0.00	31.73 -0.62 0.00	32.89 -0.68 0.00	35.13 -0.74 0.00	33.55 -0.58 0.00	49.61 -0.81 0.00	56.03 -0.78 0.00	52.89 -0.84 0.00	49.34 -0.67 0.00	37.68 -0.46 0.00	35.80 -0.47 0.00	36.72 -0.50 0.00	38.69 -0.62 0.00	46.64 -0.86 0.00	51.29 -0.89 0.00	99.27 -1.70 0.00	79.01 -1.18 0.00	53.26 -0.82 0.00	46.78 -0.81 0.00	42.92 -0.88 0.00	44.82 -0.94 0.00	41.69 -0.88 0.00	40.31 -0.81 0.00
GENERAL___MILLS 23808	35.38 -0.14 0.00	31.65 -0.23 0.00	31.87 -0.48 0.00	32.90 -0.66 0.00	35.10 -0.77 0.00	33.83 -0.30 0.00	49.29 -1.14 0.00	55.14 -1.67 0.00	52.49 -1.25 0.00	49.67 -0.34 0.00	38.53 0.38 0.00	36.33 0.06 0.00	37.03 -0.19 0.00	38.56 -0.76 0.00	45.82 -1.68 0.00	50.09 -2.09 0.00	95.98 -4.99 0.00	76.56 -3.62 0.00	51.03 -3.05 0.00	44.70 -2.89 0.00	40.99 -2.80 0.00	43.51 -2.25 0.00	41.21 -1.36 0.00	40.39 -0.73 0.00
GE_PLASTICS___DRP 24183	35.93 0.41 0.00	32.24 0.37 0.00	32.78 0.43 0.00	34.02 0.45 0.00	36.34 0.47 0.00	34.58 0.45 0.00	51.17 0.75 0.00	58.00 1.19 0.00	54.48 0.75 0.00	50.43 0.42 0.00	38.20 0.06 0.00	36.39 0.12 0.00	37.39 0.18 0.00	39.59 0.28 0.00	47.90 0.40 0.00	52.91 0.73 0.00	103.29 2.32 0.00	82.09 1.91 0.00	55.47 1.39 0.00	48.73 1.14 0.00	44.63 0.83 0.00	46.42 0.66 0.00	43.07 0.50 0.00	41.63 0.51 0.00
GILBOA___1 23756	36.18 0.67 0.00	32.49 0.61 0.00	33.16 0.81 0.00	34.42 0.85 0.00	36.73 0.86 0.00	34.64 0.50 0.00	51.27 0.84 0.00	58.10 1.29 0.00	54.58 0.84 0.00	50.73 0.72 0.00	38.53 0.39 0.00	36.70 0.44 0.00	37.70 0.48 0.00	39.81 0.49 0.00	48.05 0.55 0.00	52.98 0.80 0.00	103.07 2.10 0.00	81.93 1.75 0.00	55.44 1.36 0.00	48.69 1.11 0.00	44.62 0.83 0.00	46.45 0.68 0.00	43.12 0.56 0.00	41.70 0.58 0.00
GILBOA___2 23757	36.18 0.67 0.00	32.49 0.61 0.00	33.16 0.81 0.00	34.42 0.85 0.00	36.73 0.86 0.00	34.64 0.50 0.00	51.27 0.84 0.00	58.10 1.29 0.00	54.58 0.84 0.00	50.73 0.72 0.00	38.53 0.39 0.00	36.70 0.44 0.00	37.70 0.48 0.00	39.81 0.49 0.00	48.05 0.55 0.00	52.98 0.80 0.00	103.07 2.10 0.00	81.93 1.75 0.00	55.44 1.36 0.00	48.69 1.11 0.00	44.62 0.83 0.00	46.45 0.68 0.00	43.12 0.56 0.00	41.70 0.58 0.00

GILBOA___3 23758	36.18 0.67 0.00	32.49 0.61 0.00	33.16 0.81 0.00	34.42 0.85 0.00	36.73 0.86 0.00	34.64 0.50 0.00	51.27 0.84 0.00	58.10 1.29 0.00	54.58 0.84 0.00	50.73 0.72 0.00	38.53 0.39 0.00	36.70 0.44 0.00	37.70 0.48 0.00	39.81 0.49 0.00	48.05 0.55 0.00	52.98 0.80 0.00	103.07 2.10 0.00	81.93 1.75 0.00	55.44 1.36 0.00	48.69 1.11 0.00	44.62 0.83 0.00	46.45 0.68 0.00	43.12 0.56 0.00	41.70 0.58 0.00
GILBOA___4 23759	36.18 0.67 0.00	32.49 0.61 0.00	33.16 0.81 0.00	34.42 0.85 0.00	36.73 0.86 0.00	34.64 0.50 0.00	51.27 0.84 0.00	58.10 1.29 0.00	54.58 0.84 0.00	50.73 0.72 0.00	38.53 0.39 0.00	36.70 0.44 0.00	37.70 0.48 0.00	39.81 0.49 0.00	48.05 0.55 0.00	52.98 0.80 0.00	103.07 2.10 0.00	81.93 1.75 0.00	55.44 1.36 0.00	48.69 1.11 0.00	44.62 0.83 0.00	46.45 0.68 0.00	43.12 0.56 0.00	41.70 0.58 0.00
GILBOA___ 23599	36.18 0.67 0.00	32.49 0.61 0.00	33.16 0.81 0.00	34.42 0.85 0.00	36.73 0.86 0.00	34.63 0.50 0.00	51.27 0.84 0.00	58.10 1.29 0.00	54.57 0.84 0.00	50.73 0.73 0.00	38.53 0.39 0.00	36.70 0.44 0.00	37.70 0.48 0.00	39.81 0.49 0.00	48.05 0.55 0.00	52.98 0.80 0.00	103.07 2.10 0.00	81.93 1.75 0.00	55.44 1.36 0.00	48.69 1.11 0.00	44.63 0.84 0.00	46.44 0.68 0.00	43.12 0.56 0.00	41.70 0.58 0.00
GINNA___ 23603	33.60 -1.91 0.00	30.12 -1.76 0.00	30.45 -1.90 0.00	31.53 -2.04 0.00	33.68 -2.19 0.00	32.34 -1.79 0.00	47.59 -2.83 0.00	53.50 -3.31 0.00	50.73 -3.01 0.00	47.61 -2.40 0.00	36.65 -1.49 0.00	34.70 -1.56 0.00	35.48 -1.74 0.00	37.23 -2.09 0.00	44.55 -2.96 0.00	48.85 -3.33 0.00	94.43 -6.54 0.00	75.16 -5.03 0.00	50.41 -3.67 0.00	44.23 -3.35 0.00	40.56 -3.23 0.00	42.63 -3.12 0.00	39.89 -2.67 0.00	38.75 -2.37 0.00
GLEN PARK___ 23778	35.37 -0.14 0.00	31.73 -0.15 0.00	32.31 -0.05 0.00	33.59 0.03 0.00	35.99 0.12 0.00	34.71 0.57 0.00	52.00 1.57 0.00	58.79 1.98 0.00	55.75 2.01 0.00	51.80 1.79 0.00	39.55 1.41 0.00	37.75 1.48 0.00	38.87 1.65 0.00	41.11 1.80 0.00	49.89 2.39 0.00	54.49 2.31 0.00	105.15 4.18 0.00	84.05 3.86 0.00	56.67 2.58 0.00	49.64 2.05 0.00	45.40 1.60 0.00	47.14 1.38 0.00	43.12 0.55 0.00	41.03 -0.09 0.00
GLENDALE_27_KV_LOAD 356172	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.32 0.00	37.40 1.53 0.00	35.67 1.54 0.00	52.91 2.48 0.00	60.31 3.50 0.00	56.58 2.85 0.00	52.70 2.69 0.00	40.09 1.95 0.00	38.40 2.13 0.00	39.38 2.16 0.00	41.41 2.10 0.00	49.78 2.28 0.00	54.96 2.78 0.00	107.00 6.02 0.00	85.38 5.19 0.00	57.76 3.68 0.00	50.68 3.09 0.00	46.27 2.48 0.00	47.93 2.17 0.00	44.43 1.87 0.00	42.97 1.85 0.00
GLENWOOD_IC_1_G5 23712	37.11 1.59 0.00	33.25 1.37 0.00	33.54 1.19 0.00	34.85 1.28 0.00	37.30 1.43 0.00	35.62 1.49 0.00	52.71 2.29 0.00	60.17 3.36 0.00	56.39 2.65 0.00	52.44 2.43 0.00	39.97 1.81 -0.02	36.65 1.98 1.59	38.27 2.03 0.99	32.15 1.95 9.12	47.06 2.05 2.49	47.78 2.22 6.61	105.95 4.98 0.00	84.62 4.43 0.00	57.44 3.36 0.00	50.38 2.79 0.00	45.92 2.13 0.00	47.85 2.09 0.00	44.41 1.85 0.00	42.93 1.81 0.00
GLENWOOD_IC_2_G1 23688	36.96 1.44 0.00	33.12 1.24 0.00	33.43 1.08 0.00	34.73 1.17 0.00	37.19 1.32 0.00	35.50 1.37 0.00	52.54 2.11 0.00	59.90 3.09 0.00	56.14 2.41 0.00	52.23 2.22 0.00	39.75 1.61 0.00	38.04 1.78 0.00	39.06 1.84 0.00	41.07 1.75 0.00	49.37 1.87 0.00	54.47 2.30 0.00	106.06 5.09 0.00	84.68 4.50 0.00	57.44 3.36 0.00	50.39 2.80 0.00	45.94 2.15 0.00	47.63 1.87 0.00	44.21 1.65 0.00	42.76 1.64 0.00
GLENWOOD_IC_3_G1 23689	36.96 1.44 0.00	33.12 1.24 0.00	33.43 1.08 0.00	34.73 1.17 0.00	37.19 1.32 0.00	35.50 1.37 0.00	52.54 2.11 0.00	59.90 3.09 0.00	56.14 2.41 0.00	52.23 2.22 0.00	39.75 1.61 0.00	38.04 1.78 0.00	39.06 1.84 0.00	41.07 1.75 0.00	49.37 1.87 0.00	54.47 2.30 0.00	106.06 5.09 0.00	84.68 4.50 0.00	57.44 3.36 0.00	50.39 2.80 0.00	45.94 2.15 0.00	47.63 1.87 0.00	44.21 1.65 0.00	42.76 1.64 0.00
GLENWOOD___4 23550	37.11 1.59 0.00	33.25 1.37 0.00	33.54 1.19 0.00	34.85 1.28 0.00	37.30 1.43 0.00	35.62 1.49 0.00	52.71 2.29 0.00	60.17 3.36 0.00	56.39 2.65 0.00	52.44 2.43 0.00	39.97 1.81 -0.02	36.65 1.98 1.59	38.27 2.03 0.99	32.15 1.95 9.12	47.07 2.06 2.49	47.90 2.34 6.61	106.17 5.19 0.00	84.82 4.64 0.00	57.57 3.49 0.00	50.50 2.91 0.00	46.01 2.22 0.00	47.85 2.09 0.00	44.41 1.85 0.00	42.93 1.81 0.00
GLENWOOD___5 23614	37.11 1.59 0.00	33.25 1.37 0.00	33.54 1.19 0.00	34.85 1.28 0.00	37.30 1.43 0.00	35.62 1.49 0.00	52.71 2.29 0.00	60.17 3.36 0.00	56.39 2.65 0.00	52.44 2.43 0.00	39.97 1.81 -0.02	36.65 1.98 1.59	38.27 2.03 0.99	32.15 1.95 9.12	47.07 2.06 2.49	47.90 2.34 6.61	106.17 5.19 0.00	84.82 4.64 0.00	57.57 3.49 0.00	50.50 2.91 0.00	46.01 2.22 0.00	47.85 2.09 0.00	44.41 1.85 0.00	42.93 1.81 0.00
GLOBAL GREEN_PORT_GT1 23814	37.69 2.18 0.00	33.85 1.98 0.00	33.81 1.47 0.00	35.37 1.81 0.00	37.95 2.09 0.00	36.51 2.38 0.00	53.99 3.57 0.00	61.87 5.06 0.00	57.79 4.06 0.00	53.28 3.27 0.00	40.13 1.99 0.01	31.68 2.10 6.69	35.10 2.25 4.36	13.22 1.96 28.05	41.00 1.89 8.39	34.95 2.47 19.70	107.20 6.23 0.00	84.33 4.14 0.00	58.49 4.41 0.00	50.47 2.89 0.00	44.97 1.17 0.00	45.93 0.18 0.00	42.70 0.14 0.00	41.73 0.61 0.00
GLOBE___DSASP 323697	34.21 -1.30 0.00	30.61 -1.27 0.00	30.82 -1.53 0.00	31.84 -1.73 0.00	33.94 -1.93 0.00	32.76 -1.37 0.00	47.51 -2.91 0.00	52.79 -4.02 0.00	50.37 -3.37 0.00	47.65 -2.37 0.00	36.98 -1.16 0.00	34.81 -1.46 0.00	35.43 -1.80 0.00	36.88 -2.44 0.00	43.76 -3.74 0.00	47.77 -4.40 0.00	91.58 -9.39 0.00	73.08 -7.10 0.00	48.68 -5.40 0.00	42.70 -4.88 0.00	39.28 -4.52 0.00	41.86 -3.89 0.00	39.83 -2.74 0.00	39.10 -2.02 0.00
GOETHSLN___LBMP 323567	36.70 1.18 0.00	32.91 1.03 0.00	33.23 0.87 0.00	34.55 0.98 0.00	37.03 1.16 0.00	35.30 1.17 0.00	52.32 1.89 0.00	59.61 2.79 0.00	55.88 2.14 0.00	52.08 2.07 0.00	39.58 1.44 0.00	37.95 1.68 0.00	38.92 1.70 0.00	40.91 1.60 0.00	49.20 1.69 0.00	54.31 2.13 0.00	105.71 4.74 0.00	84.37 4.18 0.00	57.07 2.99 0.00	50.06 2.47 0.00	45.70 1.91 0.00	47.35 1.59 0.00	43.91 1.35 0.00	42.49 1.38 0.00
GOLAH___69_KV_TB 1_2 80279	35.36 -0.16 0.00	31.68 -0.20 0.00	31.94 -0.41 0.00	33.06 -0.51 0.00	35.33 -0.54 0.00	33.97 -0.16 0.00	49.96 -0.46 0.00	55.97 -0.84 0.00	53.18 -0.56 0.00	50.06 0.05 0.00	38.62 0.47 0.00	36.50 0.23 0.00	37.29 0.07 0.00	39.03 -0.29 0.00	46.58 -0.92 0.00	51.02 -1.16 0.00	98.37 -2.60 0.00	78.46 -1.73 0.00	52.55 -1.53 0.00	46.08 -1.51 0.00	42.25 -1.54 0.00	44.54 -1.22 0.00	41.85 -0.71 0.00	40.73 -0.39 0.00

GOODYEAR_LAKE_HYD 323669	36.87 1.36 0.00	33.09 1.22 0.00	33.59 1.24 0.00	34.87 1.31 0.00	37.28 1.40 0.00	35.45 1.32 0.00	52.66 2.24 0.00	59.66 2.85 0.00	56.22 2.48 0.00	52.44 2.43 0.00	39.96 1.82 0.00	38.03 1.76 0.00	39.10 1.88 0.00	41.15 1.84 0.00	49.64 2.14 0.00	54.59 2.41 0.00	105.60 4.63 0.00	83.94 3.76 0.00	56.67 2.59 0.00	49.73 2.14 0.00	45.57 1.78 0.00	47.47 1.72 0.00	44.05 1.49 0.00	42.47 1.35 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.59 0.07 0.00	31.98 0.10 0.00	32.43 0.07 0.00	33.57 0.00 0.00	35.87 0.00 0.00	34.20 0.06 0.00	50.63 0.21 0.00	57.37 0.55 0.00	53.91 0.18 0.00	50.42 0.41 0.00	38.45 0.30 0.00	36.51 0.24 0.00	37.51 0.29 0.00	39.36 0.05 0.00	47.49 -0.02 0.00	52.42 0.24 0.00	101.31 0.33 0.00	80.68 0.49 0.00	54.46 0.38 0.00	47.79 0.20 0.00	43.71 -0.09 0.00	45.60 -0.16 0.00	42.40 -0.17 0.00	41.08 -0.04 0.00
GOUDEY___7 23579	35.59 0.07 0.00	31.98 0.10 0.00	32.43 0.07 0.00	33.57 0.00 0.00	35.87 0.00 0.00	34.20 0.06 0.00	50.63 0.21 0.00	57.37 0.55 0.00	53.91 0.18 0.00	50.42 0.41 0.00	38.45 0.30 0.00	36.51 0.24 0.00	37.51 0.29 0.00	39.36 0.05 0.00	47.49 -0.02 0.00	52.42 0.24 0.00	101.31 0.33 0.00	80.68 0.49 0.00	54.46 0.38 0.00	47.79 0.20 0.00	43.71 -0.09 0.00	45.60 -0.16 0.00	42.40 -0.17 0.00	41.08 -0.04 0.00
GOUDEY___8 23580	35.59 0.07 0.00	31.98 0.10 0.00	32.43 0.07 0.00	33.57 0.00 0.00	35.87 0.00 0.00	34.20 0.06 0.00	50.63 0.21 0.00	57.37 0.55 0.00	53.91 0.18 0.00	50.42 0.41 0.00	38.45 0.30 0.00	36.51 0.24 0.00	37.51 0.29 0.00	39.36 0.05 0.00	47.49 -0.02 0.00	52.42 0.24 0.00	101.31 0.33 0.00	80.68 0.49 0.00	54.46 0.38 0.00	47.79 0.20 0.00	43.71 -0.09 0.00	45.60 -0.16 0.00	42.40 -0.17 0.00	41.08 -0.04 0.00
GOWANUS_GT1_1 24077	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.54 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.33 2.11 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.75 2.57 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.19 2.40 0.00	47.87 2.11 0.00	44.40 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT1_2 24078	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.54 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.33 2.11 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.75 2.57 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.19 2.40 0.00	47.87 2.11 0.00	44.40 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT1_3 24079	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.54 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.33 2.11 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.75 2.57 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.19 2.40 0.00	47.87 2.11 0.00	44.40 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT1_4 24080	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.54 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.33 2.11 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.75 2.57 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.19 2.40 0.00	47.87 2.11 0.00	44.40 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT1_5 24084	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.54 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.33 2.11 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.75 2.57 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.19 2.40 0.00	47.87 2.11 0.00	44.40 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT1_6 24111	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.54 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.33 2.11 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.75 2.57 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.19 2.40 0.00	47.87 2.11 0.00	44.40 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT1_7 24112	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.54 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.33 2.11 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.75 2.57 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.19 2.40 0.00	47.87 2.11 0.00	44.40 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT1_8 24113	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.54 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.33 2.11 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.75 2.57 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.19 2.40 0.00	47.87 2.11 0.00	44.40 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT2_1 24114	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.66 1.53 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.86 0.00	38.32 2.06 0.00	39.32 2.10 0.00	41.32 2.00 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.50 5.53 0.00	84.95 4.76 0.00	57.52 3.44 0.00	50.55 2.97 0.00	46.16 2.37 0.00	47.84 2.08 0.00	44.37 1.81 0.00	42.97 1.85 0.00
GOWANUS_GT2_2 24115	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.66 1.53 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.86 0.00	38.32 2.06 0.00	39.32 2.10 0.00	41.32 2.00 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.50 5.53 0.00	84.95 4.76 0.00	57.52 3.44 0.00	50.55 2.97 0.00	46.16 2.37 0.00	47.84 2.08 0.00	44.37 1.81 0.00	42.97 1.85 0.00
GOWANUS_GT2_3 24116	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.66 1.53 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.86 0.00	38.32 2.06 0.00	39.32 2.10 0.00	41.32 2.00 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.50 5.53 0.00	84.95 4.76 0.00	57.52 3.44 0.00	50.55 2.97 0.00	46.16 2.37 0.00	47.84 2.08 0.00	44.37 1.81 0.00	42.97 1.85 0.00

GOWANUS_GT2_4 24117	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.66 1.53 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.86 0.00	38.32 2.06 0.00	39.32 2.10 0.00	41.32 2.00 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.50 5.53 0.00	84.95 4.76 0.00	57.52 3.44 0.00	50.55 2.97 0.00	46.16 2.37 0.00	47.84 2.08 0.00	44.37 1.81 0.00	42.97 1.85 0.00
GOWANUS_GT2_5 24118	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.66 1.53 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.86 0.00	38.32 2.06 0.00	39.32 2.10 0.00	41.32 2.00 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.50 5.53 0.00	84.95 4.76 0.00	57.52 3.44 0.00	50.55 2.97 0.00	46.16 2.37 0.00	47.84 2.08 0.00	44.37 1.81 0.00	42.97 1.85 0.00
GOWANUS_GT2_6 24119	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.66 1.53 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.86 0.00	38.32 2.06 0.00	39.32 2.10 0.00	41.32 2.00 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.50 5.53 0.00	84.95 4.76 0.00	57.52 3.44 0.00	50.55 2.97 0.00	46.16 2.37 0.00	47.84 2.08 0.00	44.37 1.81 0.00	42.97 1.85 0.00
GOWANUS_GT2_7 24120	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.66 1.53 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.86 0.00	38.32 2.06 0.00	39.32 2.10 0.00	41.32 2.00 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.50 5.53 0.00	84.95 4.76 0.00	57.52 3.44 0.00	50.55 2.97 0.00	46.16 2.37 0.00	47.84 2.08 0.00	44.37 1.81 0.00	42.97 1.85 0.00
GOWANUS_GT2_8 24121	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.66 1.53 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.86 0.00	38.32 2.06 0.00	39.32 2.10 0.00	41.32 2.00 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.50 5.53 0.00	84.95 4.76 0.00	57.52 3.44 0.00	50.55 2.97 0.00	46.16 2.37 0.00	47.84 2.08 0.00	44.37 1.81 0.00	42.97 1.85 0.00
GOWANUS_GT3_1 24122	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT3_2 24123	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT3_3 24124	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT3_4 24125	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT3_5 24126	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT3_6 24127	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT3_7 24128	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT3_8 24129	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
GOWANUS_GT4_1 24130	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.65 1.52 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.87 0.00	38.33 2.06 0.00	39.31 2.09 0.00	41.32 2.01 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.51 5.53 0.00	84.96 4.77 0.00	57.52 3.44 0.00	50.55 2.96 0.00	46.16 2.36 0.00	47.84 2.08 0.00	44.38 1.82 0.00	42.97 1.85 0.00
GOWANUS_GT4_2 24131	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.65 1.52 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.87 0.00	38.33 2.06 0.00	39.31 2.09 0.00	41.32 2.01 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.51 5.53 0.00	84.96 4.77 0.00	57.52 3.44 0.00	50.55 2.96 0.00	46.16 2.36 0.00	47.84 2.08 0.00	44.38 1.82 0.00	42.97 1.85 0.00

GOWANUS_GT4_3 24132	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.65 1.52 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.87 0.00	38.33 2.06 0.00	39.31 2.09 0.00	41.32 2.01 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.51 5.53 0.00	84.96 4.77 0.00	57.52 3.44 0.00	50.55 2.96 0.00	46.16 2.36 0.00	47.84 2.08 0.00	44.38 1.82 0.00	42.97 1.85 0.00
GOWANUS_GT4_4 24133	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.65 1.52 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.87 0.00	38.33 2.06 0.00	39.31 2.09 0.00	41.32 2.01 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.51 5.53 0.00	84.96 4.77 0.00	57.52 3.44 0.00	50.55 2.96 0.00	46.16 2.36 0.00	47.84 2.08 0.00	44.38 1.82 0.00	42.97 1.85 0.00
GOWANUS_GT4_5 24134	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.65 1.52 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.87 0.00	38.33 2.06 0.00	39.31 2.09 0.00	41.32 2.01 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.51 5.53 0.00	84.96 4.77 0.00	57.52 3.44 0.00	50.55 2.96 0.00	46.16 2.36 0.00	47.84 2.08 0.00	44.38 1.82 0.00	42.97 1.85 0.00
GOWANUS_GT4_6 24135	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.65 1.52 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.87 0.00	38.33 2.06 0.00	39.31 2.09 0.00	41.32 2.01 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.51 5.53 0.00	84.96 4.77 0.00	57.52 3.44 0.00	50.55 2.96 0.00	46.16 2.36 0.00	47.84 2.08 0.00	44.38 1.82 0.00	42.97 1.85 0.00
GOWANUS_GT4_7 24136	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.65 1.52 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.87 0.00	38.33 2.06 0.00	39.31 2.09 0.00	41.32 2.01 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.51 5.53 0.00	84.96 4.77 0.00	57.52 3.44 0.00	50.55 2.96 0.00	46.16 2.36 0.00	47.84 2.08 0.00	44.38 1.82 0.00	42.97 1.85 0.00
GOWANUS_GT4_8 24137	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.65 1.52 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.87 0.00	38.33 2.06 0.00	39.31 2.09 0.00	41.32 2.01 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.51 5.53 0.00	84.96 4.77 0.00	57.52 3.44 0.00	50.55 2.96 0.00	46.16 2.36 0.00	47.84 2.08 0.00	44.38 1.82 0.00	42.97 1.85 0.00
GREENBSH_115KV_TB3 55895	35.77 0.25 0.00	32.11 0.24 0.00	32.64 0.29 0.00	33.86 0.30 0.00	36.18 0.31 0.00	34.47 0.34 0.00	51.03 0.60 0.00	57.88 1.07 0.00	54.34 0.60 0.00	50.23 0.22 0.00	38.00 -0.14 0.00	36.21 -0.05 0.00	37.22 0.01 0.00	39.44 0.13 0.00	47.72 0.22 0.00	52.76 0.59 0.00	103.19 2.22 0.00	82.00 1.82 0.00	55.41 1.33 0.00	48.67 1.08 0.00	44.54 0.75 0.00	46.33 0.57 0.00	42.97 0.40 0.00	41.50 0.38 0.00
GREENIDGE_115KV_TB5 80291	35.63 0.12 0.00	31.99 0.11 0.00	32.34 -0.01 0.00	33.39 -0.17 0.00	35.70 -0.17 0.00	34.27 0.14 0.00	50.42 0.00 0.00	56.92 0.11 0.00	53.75 0.02 0.00	50.51 0.50 0.00	39.04 0.89 0.00	36.94 0.68 0.00	37.83 0.61 0.00	39.43 0.11 0.00	47.17 -0.33 0.00	52.01 -0.17 0.00	100.20 -0.77 0.00	80.12 -0.06 0.00	53.82 -0.26 0.00	47.09 -0.50 0.00	42.99 -0.80 0.00	44.89 -0.87 0.00	42.03 -0.54 0.00	40.96 -0.16 0.00
GREENIDGE___3 23582	35.63 0.12 0.00	31.99 0.11 0.00	32.34 -0.01 0.00	33.39 -0.17 0.00	35.70 -0.17 0.00	34.27 0.14 0.00	50.42 0.00 0.00	56.92 0.11 0.00	53.75 0.02 0.00	50.51 0.50 0.00	39.04 0.89 0.00	36.94 0.68 0.00	37.83 0.61 0.00	39.43 0.11 0.00	47.17 -0.33 0.00	52.01 -0.17 0.00	100.20 -0.77 0.00	80.12 -0.06 0.00	53.82 -0.26 0.00	47.09 -0.50 0.00	42.99 -0.80 0.00	44.89 -0.87 0.00	42.03 -0.54 0.00	40.96 -0.16 0.00
GREENIDGE___4 23583	35.63 0.12 0.00	31.99 0.11 0.00	32.34 -0.01 0.00	33.40 -0.17 0.00	35.70 -0.17 0.00	34.27 0.14 0.00	50.42 -0.01 0.00	56.92 0.11 0.00	53.75 0.01 0.00	50.51 0.50 0.00	39.03 0.89 0.00	36.94 0.68 0.00	37.82 0.60 0.00	39.43 0.11 0.00	47.17 -0.33 0.00	52.01 -0.17 0.00	100.20 -0.77 0.00	80.13 -0.06 0.00	53.82 -0.26 0.00	47.09 -0.50 0.00	42.99 -0.80 0.00	44.89 -0.87 0.00	42.03 -0.54 0.00	40.96 -0.16 0.00
GREENLWN_69_KV_BK 3 55738	37.02 1.50 0.00	33.10 1.22 0.00	33.32 0.97 0.00	34.59 1.03 0.00	36.96 1.09 0.00	35.30 1.18 0.00	52.07 1.64 0.00	59.50 2.69 0.00	55.71 1.97 0.00	51.74 1.73 0.00	39.52 1.39 0.01	31.44 1.67 6.50	34.74 1.76 4.24	13.55 1.62 27.39	40.94 1.62 8.18	34.84 1.90 19.25	105.21 4.24 0.00	84.15 3.96 0.00	57.38 3.30 0.00	50.34 2.75 0.00	45.75 1.96 0.00	47.35 1.60 0.00	44.11 1.55 0.00	42.66 1.54 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.54 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.33 2.11 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.75 2.57 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.19 2.40 0.00	47.87 2.11 0.00	44.40 1.84 0.00	43.00 1.88 0.00
GRISSOM___SOLAR 323813	37.37 1.86 0.00	33.48 1.60 0.00	33.96 1.61 0.00	35.28 1.72 0.00	37.73 1.86 0.00	35.97 1.84 0.00	53.47 3.05 0.00	60.46 3.64 0.00	56.80 3.07 0.00	52.75 2.74 0.00	39.73 1.59 0.00	37.65 1.39 0.00	38.93 1.71 0.00	41.46 2.15 0.00	50.40 2.90 0.00	55.47 3.29 0.00	107.63 6.65 0.00	85.66 5.47 0.00	57.77 3.69 0.00	50.72 3.13 0.00	46.50 2.71 0.00	48.49 2.73 0.00	44.96 2.39 0.00	43.36 2.24 0.00
GROVEVILLE___HYD 323602	37.23 1.71 0.00	33.37 1.50 0.00	33.74 1.39 0.00	35.06 1.49 0.00	37.54 1.67 0.00	35.82 1.69 0.00	53.12 2.70 0.00	60.51 3.70 0.00	56.72 2.99 0.00	52.65 2.64 0.00	39.93 1.79 0.00	38.14 1.88 0.00	39.13 1.91 0.00	41.28 1.96 0.00	49.78 2.28 0.00	55.07 2.89 0.00	107.45 6.48 0.00	85.70 5.52 0.00	57.96 3.89 0.00	50.83 3.25 0.00	46.38 2.59 0.00	48.09 2.33 0.00	44.58 2.02 0.00	43.08 1.96 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.06 -0.45 0.00	31.47 -0.41 0.00	31.91 -0.44 0.00	33.06 -0.50 0.00	35.31 -0.56 0.00	33.77 -0.36 0.00	49.95 -0.47 0.00	56.43 -0.38 0.00	53.27 -0.47 0.00	49.67 -0.34 0.00	37.93 -0.21 0.00	36.03 -0.23 0.00	36.96 -0.26 0.00	38.95 -0.37 0.00	46.96 -0.54 0.00	51.61 -0.57 0.00	99.81 -1.16 0.00	79.45 -0.74 0.00	53.57 -0.51 0.00	47.05 -0.54 0.00	43.16 -0.63 0.00	45.07 -0.69 0.00	41.93 -0.64 0.00	40.53 -0.59 0.00

HAMLTNNY_34_KV_TB 80303	35.11 -0.41 0.00	31.51 -0.37 0.00	31.93 -0.42 0.00	33.09 -0.47 0.00	35.34 -0.52 0.00	33.71 -0.42 0.00	49.79 -0.63 0.00	56.20 -0.61 0.00	53.04 -0.70 0.00	49.46 -0.55 0.00	37.82 -0.32 0.00	35.92 -0.34 0.00	36.84 -0.38 0.00	38.81 -0.51 0.00	46.76 -0.74 0.00	51.42 -0.76 0.00	99.76 -1.21 0.00	79.48 -0.70 0.00	53.60 -0.47 0.00	47.08 -0.51 0.00	43.18 -0.61 0.00	45.09 -0.67 0.00	41.97 -0.60 0.00	40.57 -0.55 0.00
HAMPSHIRE___PAPER_HYD 323593	35.63 0.12 0.00	31.99 0.11 0.00	32.52 0.17 0.00	33.85 0.29 0.00	36.30 0.43 0.00	34.67 0.54 0.00	52.04 1.61 0.00	58.81 2.00 0.00	55.81 2.07 0.00	51.68 1.67 0.00	39.44 1.30 0.00	37.64 1.37 0.00	38.70 1.48 0.00	41.22 1.91 0.00	50.02 2.52 0.00	54.66 2.48 0.00	105.53 4.56 0.00	83.99 3.81 0.00	56.66 2.58 0.00	49.75 2.16 0.00	45.52 1.73 0.00	47.57 1.81 0.00	43.60 1.04 0.00	41.59 0.47 0.00
HARDSCRABBLE_WT_PWR 323673	34.90 -0.61 0.00	31.24 -0.63 0.00	31.70 -0.65 0.00	33.08 -0.49 0.00	35.44 -0.43 0.00	33.86 -0.28 0.00	50.38 -0.04 0.00	57.40 0.59 0.00	53.84 0.10 0.00	49.64 -0.37 0.00	37.20 -0.94 0.00	35.39 -0.88 0.00	36.64 -0.58 0.00	39.00 -0.32 0.00	47.26 -0.24 0.00	52.44 0.27 0.00	102.69 1.72 0.00	81.62 1.44 0.00	55.32 1.24 0.00	48.54 0.96 0.00	44.28 0.48 0.00	45.74 -0.02 0.00	42.07 -0.49 0.00	40.64 -0.48 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.87 1.35 0.00	33.08 1.20 0.00	33.44 1.09 0.00	34.76 1.19 0.00	37.22 1.35 0.00	35.49 1.36 0.00	52.56 2.14 0.00	59.84 3.03 0.00	56.08 2.35 0.00	52.17 2.16 0.00	39.64 1.49 0.00	37.92 1.65 0.00	38.88 1.66 0.00	40.93 1.61 0.00	49.33 1.83 0.00	54.51 2.33 0.00	106.12 5.14 0.00	84.70 4.52 0.00	57.28 3.20 0.00	50.21 2.62 0.00	45.81 2.02 0.00	47.51 1.75 0.00	44.08 1.52 0.00	42.65 1.53 0.00
HARSNRAD_115KV_TB1 81005	34.91 -0.60 0.00	31.23 -0.64 0.00	31.45 -0.90 0.00	32.47 -1.09 0.00	34.67 -1.20 0.00	33.43 -0.70 0.00	48.63 -1.80 0.00	54.20 -2.61 0.00	51.70 -2.04 0.00	48.90 -1.10 0.00	37.94 -0.20 0.00	35.73 -0.54 0.00	36.39 -0.83 0.00	37.90 -1.42 0.00	44.99 -2.51 0.00	49.14 -3.04 0.00	94.30 -6.67 0.00	75.26 -4.92 0.00	50.15 -3.93 0.00	43.96 -3.63 0.00	40.36 -3.43 0.00	42.94 -2.82 0.00	40.72 -1.84 0.00	39.93 -1.19 0.00
HARZA MOOSE___RIVER 24016	36.03 0.51 0.00	32.33 0.46 0.00	32.88 0.53 0.00	34.16 0.60 0.00	36.55 0.68 0.00	34.92 0.78 0.00	52.01 1.59 0.00	58.80 1.99 0.00	55.65 1.92 0.00	51.66 1.65 0.00	39.40 1.26 0.00	37.51 1.24 0.00	38.64 1.41 0.00	40.86 1.54 0.00	49.45 1.95 0.00	54.26 2.08 0.00	105.05 4.08 0.00	83.70 3.52 0.00	56.48 2.40 0.00	49.57 1.98 0.00	45.41 1.61 0.00	47.26 1.50 0.00	43.48 0.92 0.00	41.72 0.61 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.91 -0.60 0.00	31.33 -0.54 0.00	31.77 -0.58 0.00	32.93 -0.64 0.00	35.17 -0.70 0.00	33.57 -0.56 0.00	49.66 -0.77 0.00	56.10 -0.71 0.00	52.96 -0.78 0.00	49.39 -0.62 0.00	37.72 -0.42 0.00	35.85 -0.42 0.00	36.78 -0.44 0.00	38.73 -0.59 0.00	46.69 -0.81 0.00	51.37 -0.81 0.00	99.51 -1.47 0.00	79.18 -1.01 0.00	53.35 -0.72 0.00	46.84 -0.74 0.00	42.97 -0.82 0.00	44.86 -0.89 0.00	41.73 -0.84 0.00	40.36 -0.76 0.00
HELLGATE_13_KV_LD 55870	36.95 1.44 0.00	33.13 1.25 0.00	33.45 1.10 0.00	34.78 1.21 0.00	37.27 1.40 0.00	35.52 1.39 0.00	52.68 2.26 0.00	60.03 3.21 0.00	56.30 2.56 0.00	52.42 2.41 0.00	39.88 1.73 0.00	38.20 1.93 0.00	39.18 1.96 0.00	41.20 1.89 0.00	49.53 2.03 0.00	54.68 2.50 0.00	106.48 5.51 0.00	84.95 4.76 0.00	57.45 3.36 0.00	50.42 2.84 0.00	46.05 2.26 0.00	47.70 1.94 0.00	44.21 1.65 0.00	42.79 1.67 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.95 1.44 0.00	33.13 1.25 0.00	33.45 1.10 0.00	34.78 1.21 0.00	37.27 1.40 0.00	35.52 1.39 0.00	52.68 2.26 0.00	60.03 3.21 0.00	56.30 2.56 0.00	52.42 2.41 0.00	39.88 1.73 0.00	38.20 1.93 0.00	39.18 1.96 0.00	41.20 1.89 0.00	49.53 2.03 0.00	54.68 2.50 0.00	106.48 5.51 0.00	84.95 4.76 0.00	57.45 3.36 0.00	50.42 2.84 0.00	46.05 2.26 0.00	47.70 1.94 0.00	44.21 1.65 0.00	42.79 1.67 0.00
HEMPSTEAD____ 23647	37.03 1.51 0.00	33.15 1.27 0.00	33.40 1.05 0.00	34.69 1.13 0.00	37.12 1.25 0.00	35.49 1.36 0.00	52.44 2.02 0.00	59.89 3.08 0.00	56.09 2.36 0.00	52.17 2.16 0.00	39.83 1.67 -0.02	35.55 1.82 2.54	37.53 1.90 1.59	27.35 1.76 13.73	45.49 1.79 3.81	44.44 2.16 9.90	105.74 4.77 0.00	84.53 4.35 0.00	57.52 3.44 0.00	50.48 2.90 0.00	45.96 2.16 0.00	47.65 1.89 0.00	44.27 1.71 0.00	42.79 1.67 0.00
HEWLETT_69_KV_BK3 55828	37.33 1.81 0.00	33.42 1.55 0.00	33.68 1.34 0.00	34.99 1.42 0.00	37.42 1.54 0.00	35.76 1.63 0.00	52.88 2.46 0.00	60.38 3.57 0.00	56.55 2.82 0.00	52.62 2.61 0.00	40.31 2.04 -0.12	42.08 2.20 -3.61	42.16 2.29 -2.65	41.81 2.19 -0.30	51.36 2.30 -1.56	53.82 2.73 1.08	106.76 5.79 0.00	85.26 5.07 0.00	58.14 4.06 0.00	51.01 3.42 0.00	46.43 2.63 0.00	48.06 2.30 0.00	44.66 2.10 0.00	43.17 2.05 0.00
HICKLING___1 23621	35.56 0.04 0.00	31.96 0.09 0.00	32.34 -0.01 0.00	33.33 -0.24 0.00	35.62 -0.25 0.00	34.12 -0.01 0.00	50.51 0.09 0.00	57.15 0.34 0.00	53.84 0.10 0.00	50.66 0.65 0.00	38.81 0.67 0.00	36.74 0.48 0.00	37.67 0.45 0.00	39.28 -0.04 0.00	47.24 -0.26 0.00	52.26 0.09 0.00	100.65 -0.32 0.00	80.20 0.02 0.00	53.96 -0.12 0.00	47.20 -0.39 0.00	42.98 -0.81 0.00	44.91 -0.84 0.00	41.90 -0.66 0.00	40.80 -0.32 0.00
HICKLING___2 23622	35.56 0.04 0.00	31.96 0.09 0.00	32.34 -0.01 0.00	33.33 -0.24 0.00	35.62 -0.25 0.00	34.12 -0.01 0.00	50.51 0.09 0.00	57.15 0.34 0.00	53.84 0.10 0.00	50.66 0.65 0.00	38.81 0.67 0.00	36.74 0.48 0.00	37.67 0.45 0.00	39.28 -0.04 0.00	47.24 -0.26 0.00	52.26 0.09 0.00	100.65 -0.32 0.00	80.20 0.02 0.00	53.96 -0.12 0.00	47.20 -0.39 0.00	42.98 -0.81 0.00	44.91 -0.84 0.00	41.90 -0.66 0.00	40.80 -0.32 0.00
HIGH FALLS___HY 23754	37.66 2.15 0.00	33.75 1.87 0.00	34.10 1.75 0.00	35.43 1.87 0.00	37.98 2.11 0.00	36.25 2.12 0.00	53.83 3.41 0.00	61.43 4.62 0.00	57.59 3.86 0.00	53.37 3.36 0.00	40.38 2.24 0.00	38.65 2.38 0.00	39.49 2.27 0.00	41.62 2.31 0.00	50.31 2.81 0.00	55.76 3.58 0.00	108.75 7.78 0.00	86.84 6.65 0.00	58.73 4.65 0.00	51.46 3.87 0.00	46.90 3.11 0.00	48.59 2.83 0.00	45.02 2.45 0.00	43.48 2.36 0.00
HIGH_RIVER___SOLAR 323847	36.66 1.14 0.00	32.86 0.98 0.00	33.36 1.02 0.00	34.66 1.10 0.00	37.05 1.18 0.00	35.25 1.13 0.00	52.28 1.86 0.00	59.14 2.34 0.00	55.58 1.85 0.00	51.51 1.51 0.00	38.95 0.81 0.00	36.84 0.57 0.00	37.96 0.74 0.00	40.41 1.10 0.00	49.05 1.54 0.00	54.10 1.92 0.00	105.21 4.24 0.00	83.66 3.48 0.00	56.46 2.38 0.00	49.60 2.01 0.00	45.47 1.68 0.00	47.40 1.64 0.00	43.98 1.42 0.00	42.48 1.36 0.00

HILLBURN___GT 23639	36.76 1.24 0.00	32.99 1.12 0.00	33.35 1.00 0.00	34.65 1.09 0.00	37.12 1.26 0.00	35.38 1.25 0.00	52.38 1.95 0.00	59.65 2.83 0.00	55.88 2.14 0.00	52.00 1.99 0.00	39.53 1.39 0.00	37.86 1.60 0.00	38.83 1.62 0.00	40.81 1.49 0.00	49.12 1.62 0.00	54.27 2.09 0.00	105.57 4.60 0.00	84.29 4.11 0.00	57.02 2.94 0.00	50.02 2.44 0.00	45.64 1.85 0.00	47.31 1.56 0.00	43.93 1.36 0.00	42.54 1.42 0.00
HILLSIDE_115KV_TB1 80332	35.08 -0.43 0.00	31.56 -0.31 0.00	31.97 -0.38 0.00	32.99 -0.58 0.00	35.26 -0.61 0.00	33.67 -0.46 0.00	49.87 -0.56 0.00	56.49 -0.32 0.00	53.12 -0.61 0.00	49.95 -0.06 0.00	38.15 0.00 0.00	36.11 -0.16 0.00	37.08 -0.14 0.00	38.70 -0.61 0.00	46.66 -0.84 0.00	51.70 -0.48 0.00	99.49 -1.48 0.00	79.28 -0.91 0.00	53.46 -0.62 0.00	46.84 -0.75 0.00	42.69 -1.10 0.00	44.59 -1.17 0.00	41.53 -1.03 0.00	40.40 -0.72 0.00
HISHELDN_WT_PWR 323625	35.14 -0.37 0.00	31.49 -0.39 0.00	31.72 -0.63 0.00	32.67 -0.90 0.00	34.85 -1.02 0.00	33.56 -0.57 0.00	49.03 -1.39 0.00	54.99 -1.82 0.00	52.31 -1.42 0.00	49.45 -0.56 0.00	38.32 0.18 0.00	36.17 -0.10 0.00	36.84 -0.38 0.00	38.34 -0.98 0.00	45.67 -1.83 0.00	50.05 -2.13 0.00	96.05 -4.92 0.00	76.46 -3.73 0.00	51.01 -3.07 0.00	44.57 -3.01 0.00	40.73 -3.07 0.00	43.13 -2.63 0.00	40.75 -1.82 0.00	39.92 -1.20 0.00
HOLTSVILLE_IC_1 23690	37.21 1.69 0.00	33.25 1.37 0.00	33.44 1.09 0.00	34.71 1.14 0.00	37.12 1.25 0.00	35.59 1.46 0.00	52.45 2.02 0.00	60.00 3.19 0.00	56.12 2.38 0.00	51.93 1.92 0.00	39.44 1.31 0.01	31.14 1.58 6.70	34.55 1.71 4.37	12.70 1.50 28.11	40.60 1.51 8.41	34.37 1.93 19.74	105.49 4.52 0.00	84.35 4.17 0.00	57.74 3.66 0.00	50.67 3.09 0.00	45.86 2.07 0.00	47.23 1.47 0.00	43.99 1.43 0.00	42.62 1.50 0.00
HOLTSVILLE_IC_10 23699	37.36 1.85 0.00	33.37 1.49 0.00	33.55 1.20 0.00	34.83 1.26 0.00	37.25 1.38 0.00	35.73 1.60 0.00	52.69 2.27 0.00	60.31 3.50 0.00	56.39 2.65 0.00	52.15 2.14 0.00	39.56 1.43 0.01	31.30 1.67 6.63	34.70 1.81 4.33	13.03 1.59 27.88	40.83 1.66 8.33	34.70 2.11 19.58	105.97 5.00 0.00	84.76 4.57 0.00	58.03 3.95 0.00	50.96 3.38 0.00	46.07 2.28 0.00	47.41 1.65 0.00	44.13 1.57 0.00	42.76 1.64 0.00
HOLTSVILLE_IC_2 23691	37.21 1.69 0.00	33.25 1.37 0.00	33.44 1.09 0.00	34.71 1.14 0.00	37.12 1.25 0.00	35.59 1.46 0.00	52.45 2.02 0.00	60.00 3.19 0.00	56.12 2.38 0.00	51.93 1.92 0.00	39.44 1.31 0.01	31.14 1.58 6.70	34.55 1.71 4.37	12.70 1.50 28.11	40.60 1.51 8.41	34.37 1.93 19.74	105.49 4.52 0.00	84.35 4.17 0.00	57.74 3.66 0.00	50.67 3.09 0.00	45.86 2.07 0.00	47.23 1.47 0.00	43.99 1.43 0.00	42.62 1.50 0.00
HOLTSVILLE_IC_3 23692	37.21 1.69 0.00	33.25 1.37 0.00	33.44 1.09 0.00	34.71 1.14 0.00	37.12 1.25 0.00	35.59 1.46 0.00	52.45 2.02 0.00	60.00 3.19 0.00	56.12 2.38 0.00	51.93 1.92 0.00	39.44 1.31 0.01	31.14 1.58 6.70	34.55 1.71 4.37	12.70 1.50 28.11	40.60 1.51 8.41	34.37 1.93 19.74	105.49 4.52 0.00	84.35 4.17 0.00	57.74 3.66 0.00	50.67 3.09 0.00	45.86 2.07 0.00	47.23 1.47 0.00	43.99 1.43 0.00	42.62 1.50 0.00
HOLTSVILLE_IC_4 23693	37.21 1.69 0.00	33.25 1.37 0.00	33.44 1.09 0.00	34.71 1.14 0.00	37.12 1.25 0.00	35.59 1.46 0.00	52.45 2.02 0.00	60.00 3.19 0.00	56.12 2.38 0.00	51.93 1.92 0.00	39.44 1.31 0.01	31.14 1.58 6.70	34.55 1.71 4.37	12.70 1.50 28.11	40.60 1.51 8.41	34.37 1.93 19.74	105.49 4.52 0.00	84.35 4.17 0.00	57.74 3.66 0.00	50.67 3.09 0.00	45.86 2.07 0.00	47.23 1.47 0.00	43.99 1.43 0.00	42.62 1.50 0.00
HOLTSVILLE_IC_5 23694	37.21 1.69 0.00	33.25 1.37 0.00	33.44 1.09 0.00	34.71 1.14 0.00	37.12 1.25 0.00	35.59 1.46 0.00	52.45 2.02 0.00	60.00 3.19 0.00	56.12 2.38 0.00	51.93 1.92 0.00	39.44 1.31 0.01	31.14 1.58 6.70	34.55 1.71 4.37	12.70 1.50 28.11	40.60 1.51 8.41	34.37 1.93 19.74	105.49 4.52 0.00	84.35 4.17 0.00	57.74 3.66 0.00	50.67 3.09 0.00	45.86 2.07 0.00	47.23 1.47 0.00	43.99 1.43 0.00	42.62 1.50 0.00
HOLTSVILLE_IC_6 23695	37.36 1.85 0.00	33.37 1.49 0.00	33.55 1.20 0.00	34.83 1.26 0.00	37.25 1.38 0.00	35.73 1.60 0.00	52.69 2.27 0.00	60.31 3.50 0.00	56.39 2.65 0.00	52.15 2.14 0.00	39.56 1.43 0.01	31.30 1.67 6.63	34.70 1.81 4.33	13.03 1.59 27.88	40.83 1.66 8.33	34.70 2.11 19.58	105.97 5.00 0.00	84.76 4.57 0.00	58.03 3.95 0.00	50.96 3.38 0.00	46.07 2.28 0.00	47.41 1.65 0.00	44.13 1.57 0.00	42.76 1.64 0.00
HOLTSVILLE_IC_7 23696	37.36 1.85 0.00	33.37 1.49 0.00	33.55 1.20 0.00	34.83 1.26 0.00	37.25 1.38 0.00	35.73 1.60 0.00	52.69 2.27 0.00	60.31 3.50 0.00	56.39 2.65 0.00	52.15 2.14 0.00	39.56 1.43 0.01	31.30 1.67 6.63	34.70 1.81 4.33	13.03 1.59 27.88	40.83 1.66 8.33	34.70 2.11 19.58	105.97 5.00 0.00	84.76 4.57 0.00	58.03 3.95 0.00	50.96 3.38 0.00	46.07 2.28 0.00	47.41 1.65 0.00	44.13 1.57 0.00	42.76 1.64 0.00
HOLTSVILLE_IC_8 23697	37.36 1.85 0.00	33.37 1.49 0.00	33.55 1.20 0.00	34.83 1.26 0.00	37.25 1.38 0.00	35.73 1.60 0.00	52.69 2.27 0.00	60.31 3.50 0.00	56.39 2.65 0.00	52.15 2.14 0.00	39.56 1.43 0.01	31.30 1.67 6.63	34.70 1.81 4.33	13.03 1.59 27.88	40.83 1.66 8.33	34.70 2.11 19.58	105.97 5.00 0.00	84.76 4.57 0.00	58.03 3.95 0.00	50.96 3.38 0.00	46.07 2.28 0.00	47.41 1.65 0.00	44.13 1.57 0.00	42.76 1.64 0.00
HOLTSVILLE_IC_9 23698	37.36 1.85 0.00	33.37 1.49 0.00	33.55 1.20 0.00	34.83 1.26 0.00	37.25 1.38 0.00	35.73 1.60 0.00	52.69 2.27 0.00	60.31 3.50 0.00	56.39 2.65 0.00	52.15 2.14 0.00	39.56 1.43 0.01	31.30 1.67 6.63	34.70 1.81 4.33	13.03 1.59 27.88	40.83 1.66 8.33	34.70 2.11 19.58	105.97 5.00 0.00	84.76 4.57 0.00	58.03 3.95 0.00	50.96 3.38 0.00	46.07 2.28 0.00	47.41 1.65 0.00	44.13 1.57 0.00	42.76 1.64 0.00
HOMER_HL_115KV_TB2 355744	35.39 -0.13 0.00	31.74 -0.14 0.00	32.00 -0.35 0.00	33.17 -0.40 0.00	35.43 -0.44 0.00	34.00 -0.13 0.00	49.27 -1.16 0.00	55.81 -1.00 0.00	52.51 -1.23 0.00	49.75 -0.26 0.00	38.71 0.57 0.00	37.05 0.79 0.00	38.06 0.84 0.00	39.55 0.23 0.00	46.94 -0.56 0.00	51.06 -1.12 0.00	96.81 -4.16 0.00	77.04 -3.14 0.00	51.78 -2.30 0.00	45.47 -2.11 0.00	41.50 -2.29 0.00	43.77 -1.99 0.00	41.61 -0.96 0.00	40.75 -0.37 0.00
HOWARD_WT_PWR 323690	35.52 0.01 0.00	31.86 -0.01 0.00	32.12 -0.24 0.00	32.91 -0.66 0.00	35.40 -0.47 0.00	34.23 0.10 0.00	50.68 0.25 0.00	57.09 0.28 0.00	54.14 0.40 0.00	51.27 1.26 0.00	39.54 1.40 0.00	37.38 1.11 0.00	38.10 0.88 0.00	39.52 0.20 0.00	47.38 -0.12 0.00	52.23 0.05 0.00	100.64 -0.33 0.00	80.20 0.02 0.00	53.57 -0.51 0.00	46.19 -1.39 0.00	41.76 -2.03 0.00	43.58 -2.18 0.00	41.08 -1.48 0.00	40.03 -1.08 0.00

HQ_GEN_CEDARS 23644	36.17 0.65 0.00	32.47 0.60 0.00	32.95 0.60 0.00	34.35 0.78 0.00	36.85 0.99 0.00	35.09 0.96 0.00	52.80 2.37 0.00	59.68 2.87 0.00	56.68 2.94 0.00	52.42 2.41 0.00	40.03 1.89 0.00	38.17 1.90 0.00	39.21 1.99 0.00	41.94 2.62 0.00	50.95 3.45 0.00	55.56 3.38 0.00	107.12 6.15 0.00	85.08 4.89 0.00	57.37 3.29 0.00	50.43 2.85 0.00	46.17 2.37 0.00	48.45 2.70 0.00	44.50 1.94 0.00	42.44 1.32 0.00
HQ_GEN_CEDARS_PROXY 323590	36.16 0.65 0.00	32.47 0.60 0.00	32.95 0.60 0.00	34.35 0.78 0.00	36.85 0.99 0.00	35.09 0.96 0.00	52.80 2.37 0.00	59.68 2.87 0.00	56.68 2.94 0.00	52.42 2.41 0.00	40.03 1.89 0.00	38.17 1.90 0.00	39.21 1.99 0.00	41.94 2.62 0.00	50.95 3.45 0.00	55.56 3.38 0.00	107.12 6.15 0.00	85.07 4.89 0.00	57.37 3.29 0.00	50.44 2.85 0.00	46.17 2.37 0.00	48.46 2.70 0.00	44.50 1.94 0.00	42.44 1.32 0.00
HQ_GEN_IMPORT 323601	35.76 0.25 0.00	32.11 0.24 0.00	32.57 0.22 0.00	33.81 0.25 0.00	36.14 0.27 0.00	34.36 0.23 0.00	50.68 0.25 0.00	56.68 -0.13 0.00	54.02 0.28 0.00	50.31 0.30 0.00	38.52 0.38 0.00	36.58 0.31 0.00	37.50 0.28 0.00	39.69 0.38 0.00	48.73 0.58 -0.65	52.52 0.34 0.00	100.89 -0.08 0.00	79.88 -0.30 0.00	53.78 -0.30 0.00	47.50 -0.08 0.00	44.01 0.22 0.00	46.19 0.44 0.00	43.06 0.49 0.00	41.52 0.39 0.00
HQ_GEN_WHEEL 23651	35.76 0.25 0.00	32.11 0.24 0.00	32.57 0.22 0.00	33.81 0.25 0.00	36.14 0.27 0.00	34.36 0.23 0.00	50.68 0.25 0.00	56.68 -0.13 0.00	54.02 0.28 0.00	50.31 0.30 0.00	38.52 0.38 0.00	36.58 0.31 0.00	37.50 0.28 0.00	39.69 0.38 0.00	48.73 0.58 -0.65	52.52 0.34 0.00	100.89 -0.08 0.00	79.88 -0.30 0.00	53.78 -0.30 0.00	47.50 -0.08 0.00	44.01 0.22 0.00	46.19 0.44 0.00	43.06 0.49 0.00	41.52 0.39 0.00
HUDSON AVE_GT_3 23810	36.94 1.43 0.00	33.12 1.24 0.00	33.43 1.08 0.00	34.76 1.19 0.00	37.24 1.37 0.00	35.53 1.40 0.00	52.68 2.26 0.00	60.03 3.22 0.00	56.31 2.58 0.00	52.47 2.46 0.00	39.89 1.74 0.00	38.22 1.95 0.00	39.20 1.98 0.00	41.23 1.91 0.00	49.58 2.08 0.00	54.73 2.55 0.00	106.58 5.61 0.00	85.05 4.86 0.00	57.51 3.43 0.00	50.46 2.87 0.00	46.05 2.26 0.00	47.72 1.96 0.00	44.24 1.68 0.00	42.80 1.68 0.00
HUDSON AVE_GT_4 23540	36.94 1.43 0.00	33.12 1.24 0.00	33.43 1.08 0.00	34.76 1.19 0.00	37.24 1.37 0.00	35.53 1.40 0.00	52.68 2.26 0.00	60.03 3.22 0.00	56.31 2.58 0.00	52.47 2.46 0.00	39.89 1.74 0.00	38.22 1.95 0.00	39.20 1.98 0.00	41.23 1.91 0.00	49.58 2.08 0.00	54.73 2.55 0.00	106.58 5.61 0.00	85.05 4.86 0.00	57.51 3.43 0.00	50.46 2.87 0.00	46.05 2.26 0.00	47.72 1.96 0.00	44.24 1.68 0.00	42.80 1.68 0.00
HUDSON AVE_GT_5 23657	36.94 1.43 0.00	33.12 1.24 0.00	33.43 1.08 0.00	34.76 1.19 0.00	37.24 1.37 0.00	35.53 1.40 0.00	52.68 2.26 0.00	60.03 3.22 0.00	56.31 2.58 0.00	52.47 2.46 0.00	39.89 1.74 0.00	38.22 1.95 0.00	39.20 1.98 0.00	41.23 1.91 0.00	49.58 2.08 0.00	54.73 2.55 0.00	106.58 5.61 0.00	85.05 4.86 0.00	57.51 3.43 0.00	50.46 2.87 0.00	46.05 2.26 0.00	47.72 1.96 0.00	44.24 1.68 0.00	42.80 1.68 0.00
HUDSON_AVE_10 24168	36.78 1.26 0.00	32.96 1.08 0.00	33.27 0.93 0.00	34.59 1.03 0.00	37.08 1.21 0.00	35.36 1.23 0.00	52.43 2.01 0.00	59.78 2.96 0.00	56.07 2.33 0.00	52.20 2.19 0.00	39.66 1.52 0.00	38.03 1.76 0.00	39.02 1.80 0.00	41.04 1.72 0.00	49.34 1.84 0.00	54.50 2.32 0.00	106.19 5.22 0.00	84.69 4.51 0.00	57.25 3.17 0.00	50.22 2.63 0.00	45.84 2.04 0.00	47.49 1.73 0.00	44.01 1.45 0.00	42.57 1.45 0.00
HUDSON___115KV_TB 4 355613	36.66 1.15 0.00	32.90 1.03 0.00	33.45 1.09 0.00	34.71 1.15 0.00	37.11 1.24 0.00	35.41 1.28 0.00	52.56 2.14 0.00	59.69 2.88 0.00	55.96 2.23 0.00	51.43 1.42 0.00	38.68 0.54 0.00	36.79 0.52 0.00	37.88 0.66 0.00	40.17 0.85 0.00	49.02 1.52 0.00	54.30 2.12 0.00	106.26 5.29 0.00	84.59 4.40 0.00	57.12 3.04 0.00	50.14 2.55 0.00	46.06 2.26 0.00	47.95 2.19 0.00	44.38 1.82 0.00	42.67 1.55 0.00
HUNTER MOUNT___DRP 323613	36.86 1.34 0.00	33.07 1.19 0.00	33.62 1.27 0.00	34.89 1.33 0.00	37.31 1.44 0.00	35.62 1.49 0.00	52.91 2.49 0.00	60.08 3.27 0.00	56.36 2.62 0.00	51.71 1.70 0.00	38.84 0.69 0.00	36.92 0.65 0.00	38.01 0.79 0.00	40.42 1.11 0.00	49.38 1.88 0.00	54.70 2.52 0.00	106.99 6.02 0.00	85.24 5.06 0.00	57.55 3.47 0.00	50.50 2.91 0.00	46.39 2.59 0.00	48.29 2.53 0.00	44.68 2.12 0.00	42.95 1.83 0.00
HUNTINGTON_RES_REC 323705	37.17 1.66 0.00	33.21 1.34 0.00	33.41 1.06 0.00	34.68 1.12 0.00	37.12 1.25 0.00	35.55 1.42 0.00	52.42 1.99 0.00	59.94 3.13 0.00	56.10 2.36 0.00	51.98 1.97 0.00	39.59 1.46 0.01	31.37 1.72 6.61	34.73 1.83 4.32	13.20 1.68 27.79	40.94 1.75 8.31	34.77 2.12 19.52	105.75 4.78 0.00	84.56 4.38 0.00	57.79 3.71 0.00	50.78 3.20 0.00	46.05 2.25 0.00	47.53 1.77 0.00	44.26 1.70 0.00	42.82 1.70 0.00
HUNTLEY___63 23557	35.19 -0.33 0.00	31.48 -0.40 0.00	31.67 -0.68 0.00	32.71 -0.86 0.00	34.88 -0.99 0.00	33.66 -0.47 0.00	48.97 -1.45 0.00	54.61 -2.21 0.00	52.10 -1.64 0.00	49.27 -0.74 0.00	38.22 0.08 0.00	36.01 -0.26 0.00	36.66 -0.56 0.00	38.20 -1.12 0.00	45.36 -2.14 0.00	49.54 -2.64 0.00	95.03 -5.94 0.00	75.84 -4.34 0.00	50.52 -3.56 0.00	44.29 -3.29 0.00	40.68 -3.11 0.00	43.25 -2.51 0.00	41.02 -1.54 0.00	40.21 -0.91 0.00
HUNTLEY___64 23558	35.19 -0.33 0.00	31.48 -0.40 0.00	31.67 -0.68 0.00	32.71 -0.86 0.00	34.88 -0.99 0.00	33.66 -0.47 0.00	48.97 -1.45 0.00	54.61 -2.21 0.00	52.10 -1.64 0.00	49.27 -0.74 0.00	38.22 0.08 0.00	36.01 -0.26 0.00	36.66 -0.56 0.00	38.20 -1.12 0.00	45.36 -2.14 0.00	49.54 -2.64 0.00	95.03 -5.94 0.00	75.84 -4.34 0.00	50.52 -3.56 0.00	44.29 -3.29 0.00	40.68 -3.11 0.00	43.25 -2.51 0.00	41.02 -1.54 0.00	40.21 -0.91 0.00
HUNTLEY___65 23559	35.19 -0.33 0.00	31.48 -0.40 0.00	31.67 -0.68 0.00	32.71 -0.86 0.00	34.88 -0.99 0.00	33.66 -0.47 0.00	48.97 -1.45 0.00	54.61 -2.21 0.00	52.10 -1.64 0.00	49.27 -0.74 0.00	38.22 0.08 0.00	36.01 -0.26 0.00	36.66 -0.56 0.00	38.20 -1.12 0.00	45.36 -2.14 0.00	49.54 -2.64 0.00	95.03 -5.94 0.00	75.84 -4.34 0.00	50.52 -3.56 0.00	44.29 -3.29 0.00	40.68 -3.11 0.00	43.25 -2.51 0.00	41.02 -1.54 0.00	40.21 -0.91 0.00
HUNTLEY___66 23560	35.19 -0.33 0.00	31.48 -0.40 0.00	31.67 -0.68 0.00	32.71 -0.86 0.00	34.88 -0.99 0.00	33.66 -0.47 0.00	48.97 -1.45 0.00	54.61 -2.21 0.00	52.10 -1.64 0.00	49.27 -0.74 0.00	38.22 0.08 0.00	36.01 -0.26 0.00	36.66 -0.56 0.00	38.20 -1.12 0.00	45.36 -2.14 0.00	49.54 -2.64 0.00	95.03 -5.94 0.00	75.84 -4.34 0.00	50.52 -3.56 0.00	44.29 -3.29 0.00	40.68 -3.11 0.00	43.25 -2.51 0.00	41.02 -1.54 0.00	40.21 -0.91 0.00

HUNTLEY___67 23561	34.85 -0.66 0.00	31.19 -0.68 0.00	31.40 -0.95 0.00	32.44 -1.13 0.00	34.60 -1.27 0.00	33.37 -0.76 0.00	48.53 -1.90 0.00	54.14 -2.67 0.00	51.59 -2.15 0.00	48.81 -1.20 0.00	37.86 -0.28 0.00	35.67 -0.60 0.00	36.33 -0.89 0.00	37.83 -1.49 0.00	44.94 -2.56 0.00	49.09 -3.09 0.00	94.12 -6.85 0.00	75.09 -5.09 0.00	50.05 -4.03 0.00	43.89 -3.70 0.00	40.28 -3.51 0.00	42.84 -2.92 0.00	40.62 -1.94 0.00	39.83 -1.29 0.00
HUNTLEY___68 23562	34.85 -0.66 0.00	31.19 -0.68 0.00	31.40 -0.95 0.00	32.44 -1.13 0.00	34.60 -1.27 0.00	33.37 -0.76 0.00	48.53 -1.90 0.00	54.14 -2.67 0.00	51.59 -2.15 0.00	48.81 -1.20 0.00	37.86 -0.28 0.00	35.67 -0.60 0.00	36.33 -0.89 0.00	37.83 -1.49 0.00	44.94 -2.56 0.00	49.09 -3.09 0.00	94.12 -6.85 0.00	75.09 -5.09 0.00	50.05 -4.03 0.00	43.89 -3.70 0.00	40.28 -3.51 0.00	42.84 -2.92 0.00	40.62 -1.94 0.00	39.83 -1.29 0.00
HYLAND___LFGE 323620	36.92 1.40 0.00	33.07 1.19 0.00	33.34 0.99 0.00	34.39 0.82 0.00	36.79 0.93 0.00	35.54 1.41 0.00	52.53 2.11 0.00	59.23 2.41 0.00	56.15 2.41 0.00	52.81 2.80 0.00	40.70 2.56 0.00	38.36 2.09 0.00	39.06 1.84 0.00	40.15 0.83 0.00	47.58 0.08 0.00	52.40 0.23 0.00	101.17 0.20 0.00	81.02 0.84 0.00	54.21 0.13 0.00	47.29 -0.30 0.00	43.11 -0.68 0.00	46.12 0.36 0.00	43.62 1.06 0.00	42.34 1.22 0.00
INDECK___CORINTH 23802	36.10 0.58 0.00	32.33 0.45 0.00	32.98 0.62 0.00	34.35 0.79 0.00	36.73 0.86 0.00	34.85 0.72 0.00	51.81 1.38 0.00	58.96 2.15 0.00	55.22 1.49 0.00	50.59 0.58 0.00	38.07 -0.07 0.00	36.16 -0.11 0.00	37.46 0.24 0.00	39.95 0.63 0.00	48.33 0.83 0.00	53.56 1.39 0.00	105.60 4.63 0.00	83.70 3.52 0.00	56.66 2.58 0.00	49.76 2.17 0.00	45.38 1.59 0.00	47.33 1.57 0.00	43.72 1.15 0.00	42.39 1.27 0.00
INDECK___ILION 23567	35.36 -0.15 0.00	31.71 -0.17 0.00	32.20 -0.15 0.00	33.47 -0.10 0.00	35.81 -0.06 0.00	34.10 -0.03 0.00	50.59 0.17 0.00	57.40 0.59 0.00	53.98 0.24 0.00	49.98 -0.03 0.00	37.73 -0.41 0.00	35.89 -0.38 0.00	36.96 -0.26 0.00	39.18 -0.13 0.00	47.41 -0.10 0.00	52.40 0.22 0.00	102.24 1.27 0.00	81.23 1.04 0.00	54.92 0.84 0.00	48.25 0.66 0.00	44.17 0.38 0.00	45.88 0.13 0.00	42.48 -0.09 0.00	41.03 -0.10 0.00
INDECK___OLEAN 23982	35.39 -0.12 0.00	31.74 -0.14 0.00	32.00 -0.35 0.00	33.17 -0.40 0.00	35.43 -0.44 0.00	33.99 -0.14 0.00	49.27 -1.16 0.00	55.81 -1.00 0.00	52.51 -1.22 0.00	49.75 -0.26 0.00	38.71 0.57 0.00	37.05 0.79 0.00	38.04 0.83 0.00	39.54 0.23 0.00	46.94 -0.56 0.00	51.06 -1.12 0.00	96.81 -4.16 0.00	77.04 -3.15 0.00	51.78 -2.30 0.00	45.47 -2.12 0.00	41.50 -2.29 0.00	43.78 -1.98 0.00	41.60 -0.96 0.00	40.75 -0.37 0.00
INDECK___OSWEGO 23783	34.29 -1.22 0.00	30.79 -1.08 0.00	31.24 -1.11 0.00	32.37 -1.20 0.00	34.66 -1.21 0.00	34.02 -0.11 0.00	50.55 0.12 0.00	57.16 0.35 0.00	54.00 0.26 0.00	50.36 0.35 0.00	38.48 0.34 0.00	36.59 0.32 0.00	37.55 0.34 0.00	39.59 0.27 0.00	47.77 0.27 0.00	52.19 0.01 0.00	97.92 -3.05 0.00	77.92 -2.27 0.00	52.53 -1.55 0.00	46.14 -1.44 0.00	42.35 -1.45 0.00	44.21 -1.55 0.00	41.07 -1.49 0.00	39.67 -1.45 0.00
INDECK___YERKES 23781	35.23 -0.28 0.00	31.51 -0.36 0.00	31.70 -0.65 0.00	32.74 -0.83 0.00	34.92 -0.95 0.00	33.70 -0.44 0.00	49.03 -1.40 0.00	54.66 -2.15 0.00	52.15 -1.59 0.00	49.33 -0.68 0.00	38.25 0.11 0.00	36.05 -0.22 0.00	36.67 -0.55 0.00	38.24 -1.08 0.00	45.41 -2.09 0.00	49.59 -2.59 0.00	95.16 -5.81 0.00	75.91 -4.28 0.00	50.57 -3.51 0.00	44.34 -3.25 0.00	40.72 -3.08 0.00	43.31 -2.45 0.00	41.05 -1.52 0.00	40.25 -0.87 0.00
INDIAN POINT_GT_1 24139	36.71 1.20 0.00	32.93 1.06 0.00	33.29 0.94 0.00	34.59 1.02 0.00	37.05 1.18 0.00	35.31 1.18 0.00	52.32 1.89 0.00	59.57 2.75 0.00	55.83 2.09 0.00	51.93 1.92 0.00	39.45 1.31 0.00	37.76 1.49 0.00	38.74 1.52 0.00	40.75 1.44 0.00	49.06 1.56 0.00	54.23 2.05 0.00	105.60 4.62 0.00	84.27 4.08 0.00	57.02 2.94 0.00	50.02 2.43 0.00	45.64 1.84 0.00	47.32 1.56 0.00	43.91 1.35 0.00	42.50 1.38 0.00
INDIAN POINT_GT_2 23659	36.71 1.20 0.00	32.93 1.06 0.00	33.29 0.94 0.00	34.59 1.02 0.00	37.05 1.18 0.00	35.31 1.18 0.00	52.32 1.89 0.00	59.57 2.75 0.00	55.83 2.09 0.00	51.93 1.92 0.00	39.45 1.31 0.00	37.76 1.49 0.00	38.74 1.52 0.00	40.75 1.44 0.00	49.06 1.56 0.00	54.23 2.05 0.00	105.60 4.62 0.00	84.27 4.08 0.00	57.02 2.94 0.00	50.02 2.43 0.00	45.64 1.84 0.00	47.32 1.56 0.00	43.91 1.35 0.00	42.50 1.38 0.00
INDIAN POINT_GT_3 24019	36.71 1.20 0.00	32.93 1.06 0.00	33.29 0.94 0.00	34.59 1.02 0.00	37.05 1.18 0.00	35.31 1.18 0.00	52.32 1.89 0.00	59.57 2.75 0.00	55.83 2.09 0.00	51.93 1.92 0.00	39.45 1.31 0.00	37.76 1.49 0.00	38.74 1.52 0.00	40.75 1.44 0.00	49.06 1.56 0.00	54.23 2.05 0.00	105.60 4.62 0.00	84.27 4.08 0.00	57.02 2.94 0.00	50.02 2.43 0.00	45.64 1.84 0.00	47.32 1.56 0.00	43.91 1.35 0.00	42.50 1.38 0.00
INDIAN POINT___2 23530	36.68 1.17 0.00	32.92 1.05 0.00	33.27 0.92 0.00	34.58 1.02 0.00	37.03 1.16 0.00	35.31 1.17 0.00	52.26 1.84 0.00	59.50 2.69 0.00	55.77 2.03 0.00	51.88 1.88 0.00	39.43 1.29 0.00	37.76 1.49 0.00	38.73 1.51 0.00	40.72 1.40 0.00	49.02 1.52 0.00	54.17 2.00 0.00	105.44 4.47 0.00	84.15 3.96 0.00	56.93 2.85 0.00	49.95 2.36 0.00	45.57 1.77 0.00	47.25 1.50 0.00	43.86 1.30 0.00	42.46 1.34 0.00
INDIAN POINT___3 23531	36.69 1.18 0.00	32.92 1.04 0.00	33.27 0.92 0.00	34.58 1.02 0.00	37.03 1.16 0.00	35.29 1.16 0.00	52.26 1.84 0.00	59.50 2.69 0.00	55.77 2.03 0.00	51.87 1.86 0.00	39.41 1.27 0.00	37.73 1.47 0.00	38.71 1.49 0.00	40.71 1.40 0.00	49.02 1.51 0.00	54.17 2.00 0.00	105.47 4.50 0.00	84.17 3.99 0.00	56.94 2.86 0.00	49.95 2.37 0.00	45.59 1.79 0.00	47.26 1.51 0.00	43.87 1.30 0.00	42.46 1.34 0.00
INGHAM_C_115KV_TB7 356103	34.91 -0.61 0.00	31.26 -0.62 0.00	31.75 -0.59 0.00	33.08 -0.48 0.00	35.44 -0.43 0.00	33.82 -0.31 0.00	50.39 -0.03 0.00	57.47 0.65 0.00	53.78 0.04 0.00	49.48 -0.53 0.00	36.93 -1.21 0.00	35.18 -1.09 0.00	36.35 -0.87 0.00	38.76 -0.55 0.00	47.05 -0.45 0.00	52.34 0.17 0.00	102.92 1.95 0.00	81.76 1.58 0.00	55.43 1.35 0.00	48.63 1.05 0.00	44.31 0.52 0.00	45.74 -0.02 0.00	42.08 -0.48 0.00	40.64 -0.48 0.00
IP CORINTH___1 23988	36.28 0.77 0.00	32.50 0.62 0.00	33.15 0.80 0.00	34.53 0.96 0.00	36.93 1.06 0.00	35.04 0.91 0.00	52.09 1.67 0.00	59.29 2.48 0.00	55.51 1.78 0.00	50.88 0.87 0.00	38.28 0.14 0.00	36.37 0.11 0.00	37.67 0.46 0.00	40.18 0.86 0.00	48.58 1.08 0.00	53.86 1.68 0.00	106.16 5.19 0.00	84.15 3.97 0.00	56.97 2.89 0.00	50.01 2.42 0.00	45.62 1.83 0.00	47.58 1.83 0.00	43.97 1.40 0.00	42.60 1.48 0.00

IP___TICONDEROGA 23804	37.01 1.50 0.00	33.15 1.27 0.00	33.86 1.51 0.00	35.47 1.91 0.00	38.07 2.20 0.00	36.54 2.41 0.00	54.28 3.86 0.00	62.11 5.30 0.00	58.19 4.45 0.00	52.70 2.69 0.00	39.12 0.98 0.00	37.22 0.96 0.00	38.84 1.62 0.00	41.86 2.55 0.00	50.53 3.02 0.00	56.19 4.01 0.00	111.91 10.94 0.00	87.95 7.76 0.00	59.87 5.79 0.00	52.56 4.97 0.00	47.61 3.81 0.00	49.10 3.34 0.00	45.27 2.71 0.00	43.96 2.84 0.00
ISLIP_RES_REC 323679	37.49 1.98 0.00	33.47 1.60 0.00	33.65 1.30 0.00	34.94 1.38 0.00	37.37 1.50 0.00	35.87 1.74 0.00	52.94 2.52 0.00	60.58 3.77 0.00	56.65 2.92 0.00	52.38 2.37 0.00	39.72 1.59 0.01	31.50 1.81 6.58	34.88 1.96 4.29	13.36 1.76 27.72	41.10 1.88 8.28	35.07 2.37 19.47	106.51 5.54 0.00	85.20 5.01 0.00	58.32 4.24 0.00	51.21 3.63 0.00	46.29 2.50 0.00	47.61 1.85 0.00	44.32 1.76 0.00	42.91 1.79 0.00
JAMAICA__27_KV_LOAD 355505	37.04 1.53 0.00	33.12 1.24 0.00	33.43 1.08 0.00	34.76 1.19 0.00	37.25 1.38 0.00	35.53 1.40 0.00	52.70 2.28 0.00	60.12 3.31 0.00	56.30 2.56 0.00	52.35 2.34 0.00	39.74 1.60 0.00	38.09 1.83 0.00	39.06 1.84 0.00	41.12 1.80 0.00	49.36 1.86 0.00	54.64 2.47 0.00	106.67 5.70 0.00	85.23 5.04 0.00	57.51 3.43 0.00	50.45 2.87 0.00	46.08 2.28 0.00	47.71 1.95 0.00	44.16 1.60 0.00	42.67 1.55 0.00
JANIS___SOLAR 323808	37.13 1.61 0.00	33.34 1.46 0.00	33.72 1.37 0.00	35.00 1.43 0.00	37.39 1.52 0.00	35.82 1.69 0.00	54.00 3.57 0.00	68.80 11.99 0.00	62.06 8.32 0.00	56.82 6.81 0.00	42.41 4.27 0.00	40.69 4.42 0.00	42.47 5.24 0.00	45.05 5.74 0.00	54.65 7.14 0.00	60.43 8.25 0.00	113.02 12.05 0.00	85.47 5.29 0.00	57.66 3.58 0.00	50.60 3.02 0.00	46.29 2.50 0.00	48.15 2.40 0.00	44.50 1.94 0.00	42.75 1.64 0.00
JARVIS____ 23743	35.53 0.01 0.00	31.88 0.00 0.00	32.38 0.03 0.00	33.60 0.03 0.00	35.90 0.03 0.00	34.10 -0.03 0.00	50.43 0.00 0.00	56.95 0.14 0.00	53.74 0.00 0.00	50.01 0.00 0.00	38.07 -0.07 0.00	36.20 -0.07 0.00	37.18 -0.04 0.00	39.28 -0.04 0.00	47.43 -0.07 0.00	52.22 0.04 0.00	101.30 0.33 0.00	80.51 0.32 0.00	54.35 0.27 0.00	47.77 0.19 0.00	43.88 0.08 0.00	45.76 0.00 0.00	42.55 -0.01 0.00	41.11 -0.01 0.00
JENNISON___1 23625	37.12 1.61 0.00	33.35 1.48 0.00	33.72 1.37 0.00	35.03 1.46 0.00	37.40 1.53 0.00	35.83 1.70 0.00	53.62 3.20 0.00	62.70 5.89 0.00	57.88 4.15 0.00	53.71 3.70 0.00	40.62 2.48 0.00	38.72 2.45 0.00	39.86 2.64 0.00	42.04 2.72 0.00	50.89 3.39 0.00	56.14 3.96 0.00	108.28 7.31 0.00	85.67 5.49 0.00	57.86 3.78 0.00	50.75 3.17 0.00	46.40 2.61 0.00	48.20 2.44 0.00	44.29 1.73 0.00	42.36 1.24 0.00
JENNISON___2 23626	37.12 1.61 0.00	33.35 1.48 0.00	33.72 1.37 0.00	35.03 1.46 0.00	37.40 1.53 0.00	35.83 1.70 0.00	53.62 3.20 0.00	62.70 5.89 0.00	57.88 4.15 0.00	53.71 3.70 0.00	40.62 2.48 0.00	38.72 2.45 0.00	39.86 2.64 0.00	42.04 2.72 0.00	50.89 3.39 0.00	56.14 3.96 0.00	108.28 7.31 0.00	85.67 5.49 0.00	57.86 3.78 0.00	50.75 3.17 0.00	46.40 2.61 0.00	48.20 2.44 0.00	44.29 1.73 0.00	42.36 1.24 0.00
JERICHO_RISE_WT_PWR 323719	35.47 -0.05 0.00	31.93 0.05 0.00	32.34 -0.01 0.00	33.76 0.20 0.00	36.27 0.40 0.00	34.50 0.37 0.00	51.09 0.67 0.00	57.47 0.66 0.00	54.76 1.02 0.00	50.76 0.75 0.00	38.75 0.61 0.00	36.83 0.56 0.00	37.78 0.56 0.00	40.58 1.26 0.00	49.46 1.96 0.00	53.70 1.52 0.00	102.66 1.69 0.00	81.02 0.83 0.00	54.69 0.61 0.00	48.37 0.78 0.00	44.52 0.73 0.00	46.76 1.00 0.00	43.56 0.99 0.00	41.88 0.76 0.00
KATONAH___115KV_46KV_TB4 355592	36.96 1.45 0.00	33.14 1.27 0.00	33.50 1.14 0.00	34.82 1.25 0.00	37.27 1.41 0.00	35.56 1.43 0.00	52.72 2.30 0.00	60.08 3.27 0.00	56.31 2.58 0.00	52.37 2.36 0.00	39.75 1.61 0.00	38.03 1.76 0.00	39.01 1.79 0.00	41.05 1.73 0.00	49.44 1.94 0.00	54.65 2.47 0.00	106.58 5.61 0.00	85.06 4.87 0.00	57.56 3.48 0.00	50.50 2.91 0.00	46.06 2.27 0.00	47.75 1.99 0.00	44.27 1.71 0.00	42.81 1.69 0.00
KCE_NY_1 323755	36.82 1.30 0.00	32.99 1.11 0.00	33.57 1.22 0.00	34.91 1.34 0.00	37.34 1.47 0.00	35.57 1.44 0.00	52.81 2.39 0.00	59.98 3.17 0.00	56.22 2.48 0.00	51.73 1.72 0.00	39.03 0.89 0.00	37.10 0.83 0.00	38.32 1.10 0.00	40.74 1.43 0.00	49.28 1.78 0.00	54.57 2.39 0.00	107.19 6.22 0.00	85.12 4.94 0.00	57.53 3.45 0.00	50.52 2.94 0.00	46.15 2.36 0.00	48.03 2.27 0.00	44.47 1.90 0.00	43.01 1.90 0.00
KCE_NY_6_ESR 323823	35.40 -0.11 0.00	31.66 -0.22 0.00	31.91 -0.44 0.00	32.91 -0.65 0.00	35.12 -0.75 0.00	33.83 -0.29 0.00	49.31 -1.11 0.00	55.14 -1.67 0.00	52.53 -1.21 0.00	49.69 -0.32 0.00	38.55 0.41 0.00	36.37 0.10 0.00	37.03 -0.19 0.00	38.58 -0.74 0.00	45.84 -1.66 0.00	50.13 -2.05 0.00	96.03 -4.94 0.00	76.60 -3.59 0.00	51.03 -3.04 0.00	44.72 -2.87 0.00	40.99 -2.81 0.00	43.51 -2.25 0.00	41.18 -1.39 0.00	40.40 -0.72 0.00
KEDC_PORT_JEFF_GT2 24210	37.35 1.83 0.00	33.35 1.47 0.00	33.54 1.18 0.00	34.81 1.24 0.00	37.22 1.35 0.00	35.70 1.58 0.00	52.68 2.26 0.00	60.27 3.46 0.00	56.37 2.63 0.00	52.13 2.12 0.00	39.57 1.44 0.01	31.29 1.68 6.66	34.68 1.81 4.34	12.97 1.60 27.95	40.80 1.66 8.36	34.66 2.11 19.63	105.68 4.71 0.00	84.29 4.10 0.00	57.73 3.65 0.00	50.96 3.38 0.00	46.08 2.28 0.00	47.42 1.66 0.00	44.15 1.58 0.00	42.77 1.65 0.00
KEDC_PORT_JEFF_GT3 24211	37.35 1.83 0.00	33.35 1.47 0.00	33.54 1.18 0.00	34.81 1.24 0.00	37.22 1.35 0.00	35.70 1.58 0.00	52.68 2.26 0.00	60.27 3.46 0.00	56.37 2.63 0.00	52.13 2.12 0.00	39.57 1.44 0.01	31.29 1.68 6.66	34.68 1.81 4.34	12.97 1.60 27.95	40.80 1.66 8.36	34.66 2.11 19.63	105.68 4.71 0.00	84.29 4.10 0.00	57.73 3.65 0.00	50.96 3.38 0.00	46.08 2.28 0.00	47.42 1.66 0.00	44.15 1.58 0.00	42.77 1.65 0.00
KEDC_GLWD_GT4 24219	37.11 1.60 0.00	33.25 1.37 0.00	33.54 1.18 0.00	34.84 1.28 0.00	37.30 1.43 0.00	35.63 1.50 0.00	52.71 2.29 0.00	60.17 3.36 0.00	56.38 2.65 0.00	52.45 2.44 0.00	39.97 1.81 -0.02	36.65 1.98 1.59	38.27 2.04 0.99	32.15 1.95 9.12	47.06 2.05 2.49	47.78 2.22 6.61	105.95 4.98 0.00	84.62 4.43 0.00	57.44 3.36 0.00	50.38 2.80 0.00	45.93 2.13 0.00	47.84 2.08 0.00	44.41 1.85 0.00	42.93 1.81 0.00
KEDC_GLWD_GT5 24220	37.11 1.60 0.00	33.25 1.37 0.00	33.54 1.18 0.00	34.84 1.28 0.00	37.30 1.43 0.00	35.63 1.50 0.00	52.71 2.29 0.00	60.17 3.36 0.00	56.38 2.65 0.00	52.45 2.44 0.00	39.97 1.81 -0.02	36.65 1.98 1.59	38.27 2.04 0.99	32.15 1.95 9.12	47.06 2.05 2.49	47.78 2.22 6.61	105.95 4.98 0.00	84.62 4.43 0.00	57.44 3.36 0.00	50.38 2.80 0.00	45.93 2.13 0.00	47.84 2.08 0.00	44.41 1.85 0.00	42.93 1.81 0.00

KENSICO____ 23655	36.80 1.28 0.00	33.00 1.12 0.00	33.35 1.00 0.00	34.66 1.09 0.00	37.11 1.25 0.00	35.38 1.25 0.00	52.43 2.00 0.00	59.72 2.91 0.00	55.98 2.25 0.00	52.07 2.06 0.00	39.56 1.41 0.00	37.86 1.59 0.00	38.85 1.63 0.00	40.87 1.55 0.00	49.21 1.70 0.00	54.38 2.20 0.00	105.92 4.95 0.00	84.51 4.32 0.00	57.18 3.10 0.00	50.16 2.58 0.00	45.77 1.98 0.00	47.46 1.70 0.00	44.03 1.46 0.00	42.60 1.48 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.48 1.97 0.00	33.60 1.72 0.00	33.96 1.61 0.00	35.29 1.73 0.00	37.82 1.95 0.00	36.09 1.96 0.00	53.60 3.18 0.00	61.12 4.31 0.00	57.33 3.59 0.00	53.07 3.06 0.00	40.15 2.00 0.00	38.43 2.16 0.00	39.28 2.06 0.00	41.46 2.14 0.00	50.10 2.60 0.00	55.54 3.36 0.00	108.31 7.34 0.00	86.41 6.23 0.00	58.44 4.36 0.00	51.21 3.62 0.00	46.71 2.91 0.00	48.40 2.64 0.00	44.84 2.28 0.00	43.30 2.18 0.00
KIAC_JFK_GT1 23816	36.92 1.40 0.00	33.01 1.13 0.00	33.33 0.98 0.00	34.65 1.08 0.00	37.12 1.25 0.00	35.41 1.28 0.00	52.52 2.09 0.00	59.90 3.09 0.00	56.09 2.35 0.00	52.18 2.17 0.00	39.61 1.46 0.00	37.97 1.70 0.00	38.93 1.71 0.00	40.98 1.66 0.00	49.22 1.71 0.00	54.48 2.30 0.00	106.29 5.32 0.00	84.90 4.72 0.00	57.29 3.21 0.00	50.26 2.67 0.00	45.91 2.12 0.00	47.54 1.78 0.00	44.01 1.44 0.00	42.52 1.40 0.00
KIAC_JFK_GT2 23817	36.92 1.40 0.00	33.01 1.13 0.00	33.33 0.98 0.00	34.65 1.08 0.00	37.12 1.25 0.00	35.41 1.28 0.00	52.52 2.09 0.00	59.90 3.09 0.00	56.09 2.35 0.00	52.18 2.17 0.00	39.61 1.46 0.00	37.97 1.70 0.00	38.93 1.71 0.00	40.98 1.66 0.00	49.22 1.71 0.00	54.48 2.30 0.00	106.29 5.32 0.00	84.90 4.72 0.00	57.29 3.21 0.00	50.26 2.67 0.00	45.91 2.12 0.00	47.54 1.78 0.00	44.01 1.44 0.00	42.52 1.40 0.00
KIAC_JFK____ 323774	36.92 1.40 0.00	33.01 1.13 0.00	33.33 0.98 0.00	34.65 1.08 0.00	37.12 1.25 0.00	35.42 1.29 0.00	52.52 2.09 0.00	59.89 3.08 0.00	56.09 2.36 0.00	52.17 2.16 0.00	39.61 1.46 0.00	37.96 1.70 0.00	38.94 1.72 0.00	40.98 1.66 0.00	49.21 1.71 0.00	54.47 2.30 0.00	106.29 5.32 0.00	84.91 4.73 0.00	57.29 3.21 0.00	50.27 2.68 0.00	45.91 2.12 0.00	47.53 1.78 0.00	44.01 1.44 0.00	42.52 1.40 0.00
KINTIGH____ 23543	34.56 -0.95 0.00	30.95 -0.93 0.00	31.20 -1.15 0.00	32.28 -1.28 0.00	34.45 -1.42 0.00	33.16 -0.97 0.00	48.33 -2.09 0.00	54.03 -2.78 0.00	51.39 -2.35 0.00	48.49 -1.51 0.00	37.54 -0.60 0.00	35.46 -0.81 0.00	36.18 -1.03 0.00	37.74 -1.57 0.00	44.91 -2.59 0.00	49.08 -3.10 0.00	94.26 -6.71 0.00	75.16 -5.03 0.00	50.25 -3.83 0.00	44.09 -3.49 0.00	40.47 -3.32 0.00	42.89 -2.87 0.00	40.54 -2.02 0.00	39.67 -1.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.82 0.31 0.00	32.25 0.37 0.00	32.68 0.33 0.00	34.16 0.60 0.00	36.68 0.81 0.00	34.99 0.86 0.00	51.82 1.39 0.00	58.47 1.66 0.00	55.58 1.84 0.00	51.40 1.39 0.00	39.23 1.09 0.00	37.31 1.05 0.00	38.32 1.10 0.00	41.16 1.85 0.00	50.15 2.66 0.00	54.40 2.23 0.00	103.92 2.94 0.00	81.84 1.66 0.00	55.39 1.31 0.00	49.06 1.47 0.00	45.05 1.26 0.00	47.26 1.50 0.00	44.00 1.44 0.00	42.39 1.27 0.00
LACHUTE__HYDRO 323717	37.01 1.50 0.00	33.14 1.27 0.00	33.86 1.51 0.00	35.47 1.91 0.00	38.07 2.20 0.00	36.54 2.41 0.00	54.28 3.86 0.00	62.11 5.30 0.00	58.19 4.45 0.00	52.70 2.69 0.00	39.13 0.98 0.00	37.22 0.96 0.00	38.84 1.62 0.00	41.86 2.55 0.00	50.52 3.02 0.00	56.19 4.01 0.00	111.91 10.94 0.00	87.95 7.76 0.00	59.86 5.78 0.00	52.56 4.97 0.00	47.61 3.81 0.00	49.10 3.34 0.00	45.27 2.71 0.00	43.96 2.84 0.00
LAWRNCAL_115KV_TB1 80681	36.17 0.65 0.00	32.47 0.60 0.00	32.95 0.60 0.00	34.35 0.78 0.00	36.85 0.99 0.00	35.09 0.96 0.00	52.80 2.37 0.00	59.68 2.87 0.00	56.68 2.94 0.00	52.42 2.41 0.00	40.03 1.89 0.00	38.17 1.90 0.00	39.21 1.99 0.00	41.94 2.62 0.00	50.95 3.45 0.00	55.56 3.38 0.00	107.12 6.15 0.00	85.08 4.89 0.00	57.37 3.29 0.00	50.43 2.85 0.00	46.17 2.37 0.00	48.45 2.70 0.00	44.50 1.94 0.00	42.44 1.32 0.00
LEDERLE____ 23769	36.83 1.31 0.00	33.06 1.18 0.00	33.42 1.07 0.00	34.72 1.16 0.00	37.20 1.33 0.00	35.45 1.32 0.00	52.48 2.06 0.00	59.77 2.96 0.00	55.99 2.26 0.00	52.10 2.09 0.00	39.61 1.47 0.00	37.93 1.67 0.00	38.90 1.68 0.00	40.91 1.59 0.00	49.23 1.73 0.00	54.38 2.21 0.00	105.84 4.86 0.00	84.49 4.31 0.00	57.16 3.08 0.00	50.15 2.56 0.00	45.73 1.94 0.00	47.43 1.68 0.00	44.03 1.46 0.00	42.63 1.52 0.00
LIGHTHSE_115KV_TB6 355974	34.60 -0.92 0.00	31.05 -0.83 0.00	31.53 -0.82 0.00	32.71 -0.85 0.00	35.01 -0.86 0.00	33.85 -0.28 0.00	50.34 -0.08 0.00	56.89 0.08 0.00	53.80 0.07 0.00	50.13 0.12 0.00	38.29 0.15 0.00	36.45 0.18 0.00	37.43 0.21 0.00	39.50 0.18 0.00	47.74 0.23 0.00	52.25 0.07 0.00	100.03 -0.94 0.00	79.75 -0.43 0.00	53.75 -0.33 0.00	47.16 -0.43 0.00	43.22 -0.57 0.00	45.04 -0.72 0.00	41.65 -0.92 0.00	40.04 -1.08 0.00
LINDEN COGEN____ 23786	36.67 1.16 0.00	32.89 1.02 0.00	33.21 0.86 0.00	34.52 0.95 0.00	37.01 1.15 0.00	35.29 1.16 0.00	52.29 1.87 0.00	59.57 2.76 0.00	55.86 2.12 0.00	52.04 2.03 0.00	39.56 1.42 0.00	37.93 1.66 0.00	38.91 1.69 0.00	40.90 1.58 0.00	49.17 1.67 0.00	54.29 2.11 0.00	105.65 4.68 0.00	84.33 4.15 0.00	57.05 2.97 0.00	50.04 2.46 0.00	45.67 1.88 0.00	47.32 1.56 0.00	43.88 1.31 0.00	42.46 1.35 0.00
LINDHRST_69_KV_BK1 356055	37.50 1.98 0.00	33.52 1.65 0.00	33.71 1.36 0.00	34.99 1.42 0.00	37.43 1.56 0.00	35.84 1.71 0.00	52.91 2.49 0.00	60.50 3.69 0.00	56.61 2.88 0.00	52.55 2.54 0.00	40.03 1.88 0.00	32.89 2.09 5.47	35.84 2.18 3.56	17.35 2.03 24.00	42.56 2.12 7.06	37.91 2.68 16.95	106.75 5.78 0.00	85.33 5.14 0.00	58.31 4.23 0.00	51.20 3.61 0.00	46.49 2.70 0.00	48.05 2.29 0.00	44.75 2.18 0.00	43.25 2.13 0.00
LIPA_MISC_IPP 23656	37.21 1.69 0.00	33.21 1.33 0.00	33.37 1.02 0.00	34.66 1.10 0.00	37.07 1.20 0.00	35.58 1.45 0.00	52.45 2.02 0.00	60.03 3.23 0.00	56.10 2.36 0.00	51.83 1.82 0.00	39.19 1.06 0.01	30.88 1.30 6.69	34.28 1.42 4.37	12.38 1.14 28.07	40.18 1.07 8.40	33.95 1.48 19.71	105.13 4.16 0.00	84.23 4.05 0.00	57.72 3.64 0.00	50.56 2.97 0.00	45.54 1.75 0.00	46.71 0.95 0.00	43.50 0.94 0.00	42.27 1.15 0.00
LISF__SOLAR 323691	37.27 1.75 0.00	33.26 1.38 0.00	33.42 1.07 0.00	34.70 1.14 0.00	37.12 1.25 0.00	35.64 1.51 0.00	52.54 2.12 0.00	60.13 3.32 0.00	56.19 2.46 0.00	51.87 1.87 0.00	39.21 1.08 0.01	30.90 1.31 6.68	34.30 1.44 4.36	12.44 1.15 28.03	40.23 1.11 8.38	34.04 1.55 19.68	105.34 4.36 0.00	84.40 4.21 0.00	57.84 3.76 0.00	50.65 3.07 0.00	45.62 1.82 0.00	46.77 1.01 0.00	43.56 1.00 0.00	42.33 1.21 0.00

LITTLE FALLS___HYD 24013	34.91 -0.61 0.00	31.26 -0.62 0.00	31.75 -0.59 0.00	33.08 -0.48 0.00	35.44 -0.43 0.00	33.82 -0.31 0.00	50.39 -0.03 0.00	57.47 0.65 0.00	53.78 0.04 0.00	49.48 -0.53 0.00	36.93 -1.21 0.00	35.18 -1.09 0.00	36.35 -0.87 0.00	38.76 -0.55 0.00	47.05 -0.45 0.00	52.34 0.17 0.00	102.92 1.95 0.00	81.76 1.58 0.00	55.43 1.35 0.00	48.63 1.05 0.00	44.31 0.52 0.00	45.74 -0.02 0.00	42.08 -0.48 0.00	40.64 -0.48 0.00
LITTLRIV_115KV_TB1 356100	36.83 1.31 0.00	33.06 1.18 0.00	33.54 1.20 0.00	34.95 1.39 0.00	37.52 1.65 0.00	35.76 1.63 0.00	54.00 3.58 0.00	61.07 4.26 0.00	57.97 4.24 0.00	53.54 3.53 0.00	40.91 2.77 0.00	39.03 2.76 0.00	40.09 2.87 0.00	42.91 3.59 0.00	52.09 4.59 0.00	56.80 4.62 0.00	109.63 8.65 0.00	87.15 6.97 0.00	58.74 4.66 0.00	51.62 4.04 0.00	47.23 3.43 0.00	49.53 3.77 0.00	45.44 2.88 0.00	43.29 2.17 0.00
LI_NEWBRDGE___DRP 323616	36.90 1.39 0.00	33.03 1.16 0.00	33.27 0.93 0.00	34.56 0.99 0.00	36.96 1.09 0.00	35.33 1.20 0.00	52.18 1.75 0.00	59.60 2.79 0.00	55.80 2.07 0.00	51.86 1.85 0.00	39.56 1.44 0.02	30.54 1.64 7.37	34.13 1.73 4.82	10.60 1.59 30.31	39.93 1.56 9.13	32.87 1.93 21.23	105.25 4.28 0.00	84.17 3.98 0.00	57.38 3.30 0.00	50.33 2.74 0.00	45.77 1.97 0.00	47.37 1.62 0.00	44.06 1.49 0.00	42.61 1.49 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.95 -0.56 0.00	31.27 -0.61 0.00	31.48 -0.87 0.00	32.51 -1.05 0.00	34.72 -1.15 0.00	33.48 -0.65 0.00	48.69 -1.73 0.00	54.28 -2.53 0.00	51.78 -1.95 0.00	48.97 -1.04 0.00	38.00 -0.14 0.00	35.79 -0.48 0.00	36.46 -0.76 0.00	37.97 -1.35 0.00	45.08 -2.42 0.00	49.23 -2.94 0.00	94.50 -6.47 0.00	75.42 -4.76 0.00	50.26 -3.82 0.00	44.06 -3.53 0.00	40.46 -3.33 0.00	43.03 -2.73 0.00	40.81 -1.76 0.00	39.99 -1.13 0.00
LOCKPORT___CC1 323769	34.91 -0.60 0.00	31.23 -0.64 0.00	31.45 -0.90 0.00	32.47 -1.09 0.00	34.67 -1.20 0.00	33.43 -0.70 0.00	48.62 -1.80 0.00	54.20 -2.61 0.00	51.70 -2.04 0.00	48.90 -1.10 0.00	37.93 -0.21 0.00	35.73 -0.54 0.00	36.36 -0.85 0.00	37.90 -1.42 0.00	44.99 -2.51 0.00	49.14 -3.03 0.00	94.30 -6.67 0.00	75.26 -4.92 0.00	50.15 -3.93 0.00	43.97 -3.62 0.00	40.35 -3.44 0.00	42.94 -2.82 0.00	40.72 -1.84 0.00	39.93 -1.19 0.00
LOCKPORT___CC2 323770	34.91 -0.60 0.00	31.23 -0.64 0.00	31.45 -0.90 0.00	32.47 -1.09 0.00	34.67 -1.20 0.00	33.43 -0.70 0.00	48.62 -1.80 0.00	54.20 -2.61 0.00	51.70 -2.04 0.00	48.90 -1.10 0.00	37.93 -0.21 0.00	35.73 -0.54 0.00	36.36 -0.85 0.00	37.90 -1.42 0.00	44.99 -2.51 0.00	49.14 -3.03 0.00	94.30 -6.67 0.00	75.26 -4.92 0.00	50.15 -3.93 0.00	43.97 -3.62 0.00	40.35 -3.44 0.00	42.94 -2.82 0.00	40.72 -1.84 0.00	39.93 -1.19 0.00
LOCKPORT___CC3 323771	34.91 -0.60 0.00	31.23 -0.64 0.00	31.45 -0.90 0.00	32.47 -1.09 0.00	34.67 -1.20 0.00	33.43 -0.70 0.00	48.62 -1.80 0.00	54.20 -2.61 0.00	51.70 -2.04 0.00	48.90 -1.10 0.00	37.93 -0.21 0.00	35.73 -0.54 0.00	36.36 -0.85 0.00	37.90 -1.42 0.00	44.99 -2.51 0.00	49.14 -3.03 0.00	94.30 -6.67 0.00	75.26 -4.92 0.00	50.15 -3.93 0.00	43.97 -3.62 0.00	40.35 -3.44 0.00	42.94 -2.82 0.00	40.72 -1.84 0.00	39.93 -1.19 0.00
LONG_LAKE_PHOENIX 24014	34.44 -1.07 0.00	30.91 -0.96 0.00	31.35 -1.00 0.00	32.48 -1.08 0.00	34.75 -1.12 0.00	33.80 -0.33 0.00	50.17 -0.25 0.00	56.73 -0.08 0.00	53.57 -0.16 0.00	49.98 -0.03 0.00	38.19 0.05 0.00	36.33 0.06 0.00	37.27 0.05 0.00	39.26 -0.06 0.00	47.37 -0.14 0.00	51.88 -0.30 0.00	98.34 -2.63 0.00	78.24 -1.95 0.00	52.72 -1.36 0.00	46.31 -1.27 0.00	42.48 -1.31 0.00	44.36 -1.40 0.00	41.24 -1.33 0.00	39.86 -1.26 0.00
LOVETT___3 23632	36.63 1.12 0.00	32.89 1.01 0.00	33.24 0.89 0.00	34.55 0.98 0.00	37.00 1.13 0.00	35.24 1.11 0.00	52.15 1.73 0.00	59.37 2.56 0.00	55.62 1.88 0.00	51.74 1.73 0.00	39.35 1.20 0.00	37.69 1.42 0.00	38.65 1.43 0.00	40.64 1.32 0.00	48.90 1.40 0.00	54.02 1.84 0.00	105.17 4.19 0.00	83.93 3.75 0.00	56.79 2.70 0.00	49.82 2.23 0.00	45.45 1.65 0.00	47.13 1.37 0.00	43.76 1.20 0.00	42.39 1.27 0.00
LOVETT___4 23642	36.63 1.12 0.00	32.89 1.01 0.00	33.24 0.89 0.00	34.55 0.98 0.00	37.00 1.13 0.00	35.24 1.11 0.00	52.15 1.73 0.00	59.37 2.56 0.00	55.62 1.88 0.00	51.74 1.73 0.00	39.35 1.20 0.00	37.69 1.42 0.00	38.65 1.43 0.00	40.64 1.32 0.00	48.90 1.40 0.00	54.02 1.84 0.00	105.17 4.19 0.00	83.93 3.75 0.00	56.79 2.70 0.00	49.82 2.23 0.00	45.45 1.65 0.00	47.13 1.37 0.00	43.76 1.20 0.00	42.39 1.27 0.00
LOVETT___5 23593	36.63 1.12 0.00	32.89 1.01 0.00	33.24 0.89 0.00	34.55 0.98 0.00	37.00 1.13 0.00	35.24 1.11 0.00	52.15 1.73 0.00	59.37 2.56 0.00	55.62 1.88 0.00	51.74 1.73 0.00	39.35 1.20 0.00	37.69 1.42 0.00	38.65 1.43 0.00	40.64 1.32 0.00	48.90 1.40 0.00	54.02 1.84 0.00	105.17 4.19 0.00	83.93 3.75 0.00	56.79 2.70 0.00	49.82 2.23 0.00	45.45 1.65 0.00	47.13 1.37 0.00	43.76 1.20 0.00	42.39 1.27 0.00
LOWER RAQUET___HYD 24057	36.16 0.65 0.00	32.47 0.60 0.00	32.95 0.60 0.00	34.35 0.78 0.00	36.85 0.99 0.00	35.09 0.96 0.00	52.80 2.37 0.00	59.68 2.87 0.00	56.68 2.94 0.00	52.42 2.41 0.00	40.03 1.89 0.00	38.17 1.90 0.00	39.21 1.99 0.00	41.94 2.62 0.00	50.95 3.45 0.00	55.56 3.38 0.00	107.12 6.15 0.00	85.07 4.89 0.00	57.37 3.29 0.00	50.44 2.85 0.00	46.17 2.37 0.00	48.46 2.70 0.00	44.50 1.94 0.00	42.44 1.32 0.00
LOWER___HUDSON 24059	36.26 0.75 0.00	32.50 0.62 0.00	33.04 0.69 0.00	34.34 0.78 0.00	36.71 0.84 0.00	35.01 0.88 0.00	51.89 1.46 0.00	58.90 2.09 0.00	55.26 1.52 0.00	50.95 0.95 0.00	38.48 0.33 0.00	36.61 0.34 0.00	37.71 0.48 0.00	40.02 0.70 0.00	48.40 0.90 0.00	53.60 1.43 0.00	105.16 4.19 0.00	83.53 3.35 0.00	56.45 2.37 0.00	49.60 2.01 0.00	45.35 1.55 0.00	47.18 1.42 0.00	43.75 1.19 0.00	42.30 1.18 0.00
LOWVILLE_115KV_TB2 356335	35.82 0.30 0.00	32.16 0.28 0.00	32.75 0.40 0.00	34.06 0.50 0.00	36.46 0.58 0.00	34.86 0.73 0.00	52.07 1.65 0.00	58.85 2.04 0.00	55.78 2.05 0.00	51.76 1.75 0.00	39.48 1.34 0.00	37.64 1.38 0.00	38.80 1.58 0.00	41.11 1.80 0.00	49.81 2.30 0.00	54.53 2.35 0.00	105.42 4.45 0.00	84.15 3.96 0.00	56.81 2.73 0.00	49.82 2.24 0.00	45.58 1.79 0.00	47.42 1.66 0.00	43.41 0.84 0.00	41.52 0.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	36.79 1.28 0.00	32.97 1.09 0.00	33.54 1.19 0.00	34.88 1.32 0.00	37.31 1.44 0.00	35.55 1.42 0.00	52.76 2.34 0.00	59.94 3.12 0.00	56.18 2.45 0.00	51.69 1.68 0.00	39.00 0.85 0.00	37.07 0.80 0.00	38.30 1.08 0.00	40.72 1.40 0.00	49.24 1.74 0.00	54.53 2.35 0.00	107.10 6.13 0.00	85.04 4.85 0.00	57.48 3.40 0.00	50.48 2.89 0.00	46.11 2.32 0.00	47.99 2.24 0.00	44.43 1.87 0.00	42.97 1.85 0.00

LUTHERNY_35_KV_BK2 355980	36.82 1.30 0.00	32.99 1.11 0.00	33.57 1.22 0.00	34.91 1.34 0.00	37.34 1.47 0.00	35.57 1.44 0.00	52.81 2.38 0.00	59.99 3.18 0.00	56.22 2.48 0.00	51.73 1.72 0.00	39.03 0.89 0.00	37.10 0.83 0.00	38.32 1.10 0.00	40.75 1.43 0.00	49.28 1.78 0.00	54.57 2.39 0.00	107.19 6.22 0.00	85.12 4.94 0.00	57.53 3.45 0.00	50.52 2.94 0.00	46.15 2.36 0.00	48.04 2.28 0.00	44.47 1.91 0.00	43.01 1.89 0.00
LWR___OSWEGATCHIE_HYD 23850	35.63 0.12 0.00	31.98 0.11 0.00	32.52 0.17 0.00	33.85 0.29 0.00	36.30 0.43 0.00	34.67 0.54 0.00	52.04 1.61 0.00	58.81 2.00 0.00	55.81 2.07 0.00	51.68 1.67 0.00	39.44 1.30 0.00	37.64 1.37 0.00	38.70 1.48 0.00	41.22 1.91 0.00	50.02 2.52 0.00	54.66 2.48 0.00	105.53 4.56 0.00	84.00 3.81 0.00	56.66 2.58 0.00	49.75 2.16 0.00	45.52 1.73 0.00	47.57 1.81 0.00	43.60 1.04 0.00	41.59 0.47 0.00
LYONS_FALL_HYD 23570	36.03 0.51 0.00	32.33 0.45 0.00	32.88 0.53 0.00	34.16 0.60 0.00	36.55 0.68 0.00	34.92 0.78 0.00	52.01 1.59 0.00	58.80 1.99 0.00	55.65 1.92 0.00	51.67 1.66 0.00	39.39 1.25 0.00	37.51 1.24 0.00	38.64 1.42 0.00	40.86 1.54 0.00	49.45 1.95 0.00	54.26 2.08 0.00	105.05 4.08 0.00	83.70 3.52 0.00	56.48 2.40 0.00	49.57 1.99 0.00	45.41 1.62 0.00	47.26 1.50 0.00	43.48 0.92 0.00	41.72 0.60 0.00
MADISON___COUNTY_LFGE 323628	36.38 0.86 0.00	32.66 0.78 0.00	33.16 0.81 0.00	34.38 0.82 0.00	36.79 0.92 0.00	35.13 1.00 0.00	52.16 1.73 0.00	58.99 2.17 0.00	55.68 1.95 0.00	51.79 1.78 0.00	39.46 1.32 0.00	37.51 1.24 0.00	38.61 1.38 0.00	40.70 1.39 0.00	49.14 1.64 0.00	54.13 1.95 0.00	104.85 3.88 0.00	83.26 3.08 0.00	56.14 2.06 0.00	49.27 1.68 0.00	45.18 1.38 0.00	47.04 1.29 0.00	43.58 1.02 0.00	42.03 0.91 0.00
MALONE___115KV_TB1 356076	35.99 0.47 0.00	32.35 0.48 0.00	32.78 0.43 0.00	34.22 0.65 0.00	36.75 0.88 0.00	35.00 0.87 0.00	52.08 1.65 0.00	58.76 1.95 0.00	55.95 2.21 0.00	51.90 1.89 0.00	39.62 1.47 0.00	37.65 1.38 0.00	38.63 1.41 0.00	41.43 2.12 0.00	50.46 2.96 0.00	54.85 2.68 0.00	105.30 4.33 0.00	83.38 3.20 0.00	56.25 2.17 0.00	49.65 2.06 0.00	45.57 1.78 0.00	47.82 2.06 0.00	44.34 1.78 0.00	42.51 1.39 0.00
MAPLEWOD_115KV_TB3 80458	36.19 0.67 0.00	32.46 0.59 0.00	32.98 0.63 0.00	34.24 0.67 0.00	36.59 0.72 0.00	34.90 0.76 0.00	51.67 1.25 0.00	58.66 1.85 0.00	55.06 1.33 0.00	50.88 0.87 0.00	38.48 0.34 0.00	36.63 0.36 0.00	37.68 0.46 0.00	39.96 0.64 0.00	48.33 0.83 0.00	53.46 1.28 0.00	104.65 3.68 0.00	83.19 3.00 0.00	56.20 2.12 0.00	49.35 1.77 0.00	45.15 1.36 0.00	46.97 1.21 0.00	43.54 0.98 0.00	42.06 0.95 0.00
MAPLE_RIDGE_WT_1 323574	35.50 -0.02 0.00	31.84 -0.03 0.00	32.35 0.00 0.00	33.60 0.03 0.00	35.80 -0.07 0.00	34.05 -0.08 0.00	50.25 -0.17 0.00	56.55 -0.26 0.00	53.64 -0.10 0.00	49.94 -0.07 0.00	38.14 0.00 0.00	36.25 -0.02 0.00	37.21 -0.01 0.00	39.33 0.01 0.00	47.42 -0.09 0.00	51.96 -0.22 0.00	100.46 -0.51 0.00	79.81 -0.38 0.00	53.90 -0.18 0.00	47.51 -0.08 0.00	43.82 0.03 0.00	45.85 0.10 0.00	42.55 -0.02 0.00	40.90 -0.22 0.00
MAPLE_RIDGE_WT_2 323611	35.50 -0.02 0.00	31.84 -0.03 0.00	32.35 0.00 0.00	33.60 0.03 0.00	35.80 -0.07 0.00	34.05 -0.08 0.00	50.25 -0.17 0.00	56.55 -0.26 0.00	53.64 -0.10 0.00	49.94 -0.07 0.00	38.14 0.00 0.00	36.25 -0.02 0.00	37.21 -0.01 0.00	39.33 0.01 0.00	47.42 -0.09 0.00	51.96 -0.22 0.00	100.46 -0.51 0.00	79.81 -0.38 0.00	53.90 -0.18 0.00	47.51 -0.08 0.00	43.82 0.03 0.00	45.85 0.10 0.00	42.55 -0.02 0.00	40.90 -0.22 0.00
MARBLE_RIVER_WT_PWR 323696	35.43 -0.08 0.00	31.89 0.02 0.00	32.32 -0.03 0.00	33.75 0.18 0.00	36.24 0.36 0.00	34.51 0.38 0.00	51.07 0.65 0.00	57.53 0.72 0.00	54.72 0.99 0.00	50.72 0.71 0.00	38.69 0.55 0.00	36.79 0.53 0.00	37.76 0.53 0.00	40.53 1.21 0.00	49.36 1.86 0.00	53.62 1.44 0.00	102.53 1.56 0.00	80.88 0.69 0.00	54.64 0.56 0.00	48.33 0.75 0.00	44.43 0.64 0.00	46.63 0.87 0.00	43.42 0.85 0.00	41.81 0.69 0.00
MARSHVLE_115KV_TB1 80742	37.53 2.02 0.00	33.62 1.74 0.00	34.07 1.72 0.00	35.43 1.87 0.00	37.91 2.04 0.00	36.13 2.00 0.00	53.67 3.25 0.00	60.44 3.63 0.00	57.09 3.36 0.00	53.22 3.21 0.00	40.62 2.48 0.00	38.62 2.35 0.00	39.63 2.41 0.00	41.95 2.64 0.00	50.77 3.27 0.00	55.66 3.49 0.00	107.27 6.29 0.00	85.36 5.18 0.00	57.51 3.43 0.00	50.50 2.91 0.00	46.41 2.62 0.00	48.53 2.77 0.00	45.04 2.48 0.00	43.41 2.29 0.00
MARSH_HILL_WT_PWR 323713	35.48 -0.03 0.00	31.86 -0.02 0.00	32.09 -0.26 0.00	32.87 -0.69 0.00	35.36 -0.51 0.00	34.20 0.07 0.00	50.64 0.22 0.00	57.07 0.26 0.00	54.11 0.38 0.00	51.22 1.21 0.00	39.49 1.34 0.00	37.32 1.05 0.00	38.03 0.81 0.00	39.44 0.12 0.00	47.31 -0.20 0.00	52.18 0.00 0.00	100.57 -0.40 0.00	80.13 -0.06 0.00	53.53 -0.55 0.00	46.16 -1.43 0.00	41.73 -2.07 0.00	43.58 -2.18 0.00	41.07 -1.49 0.00	40.02 -1.10 0.00
MCINTYRE_115KV_TB2 80467	37.41 1.90 0.00	33.57 1.70 0.00	34.05 1.70 0.00	35.48 1.92 0.00	38.11 2.24 0.00	36.38 2.24 0.00	55.05 4.63 0.00	62.29 5.48 0.00	59.07 5.34 0.00	54.49 4.48 0.00	41.65 3.51 0.00	39.76 3.49 0.00	40.81 3.59 0.00	43.67 4.35 0.00	53.00 5.50 0.00	57.88 5.70 0.00	111.79 10.82 0.00	88.97 8.78 0.00	59.95 5.87 0.00	52.68 5.09 0.00	48.15 4.36 0.00	50.45 4.69 0.00	46.24 3.68 0.00	44.01 2.89 0.00
MECO_____69_KV_BK1 80468	37.79 2.27 0.00	33.84 1.96 0.00	34.31 1.96 0.00	35.67 2.11 0.00	38.16 2.29 0.00	36.42 2.29 0.00	54.18 3.75 0.00	61.24 4.43 0.00	57.57 3.84 0.00	53.47 3.46 0.00	40.41 2.27 0.00	38.19 1.92 0.00	39.37 2.15 0.00	41.98 2.66 0.00	51.04 3.54 0.00	56.19 4.01 0.00	109.02 8.05 0.00	86.77 6.58 0.00	58.52 4.44 0.00	51.35 3.77 0.00	47.07 3.28 0.00	49.08 3.32 0.00	45.49 2.93 0.00	43.83 2.71 0.00
MENANDS___115KV_TB5 355628	36.00 0.49 0.00	32.30 0.42 0.00	32.83 0.48 0.00	34.07 0.51 0.00	36.41 0.54 0.00	34.71 0.58 0.00	51.40 0.98 0.00	58.33 1.52 0.00	54.74 1.01 0.00	50.59 0.58 0.00	38.27 0.13 0.00	36.45 0.19 0.00	37.49 0.27 0.00	39.74 0.42 0.00	48.05 0.55 0.00	53.16 0.98 0.00	104.06 3.09 0.00	82.69 2.51 0.00	55.86 1.78 0.00	49.06 1.47 0.00	44.88 1.09 0.00	46.69 0.93 0.00	43.29 0.73 0.00	41.83 0.71 0.00
MG INDUSTRY___DRP 24185	36.15 0.63 0.00	32.45 0.57 0.00	33.00 0.65 0.00	34.25 0.68 0.00	36.58 0.71 0.00	34.80 0.67 0.00	51.48 1.06 0.00	58.29 1.48 0.00	54.67 0.94 0.00	50.48 0.47 0.00	38.24 0.10 0.00	36.41 0.14 0.00	37.45 0.23 0.00	39.74 0.42 0.00	48.11 0.61 0.00	53.14 0.97 0.00	103.77 2.79 0.00	82.46 2.27 0.00	55.68 1.60 0.00	48.92 1.34 0.00	44.74 0.95 0.00	46.47 0.71 0.00	43.14 0.57 0.00	41.73 0.61 0.00

MID___OSWEGATCHIE_HYD 23849	35.63 0.12 0.00	31.98 0.11 0.00	32.52 0.17 0.00	33.85 0.29 0.00	36.30 0.43 0.00	34.67 0.54 0.00	52.04 1.61 0.00	58.81 2.00 0.00	55.81 2.07 0.00	51.68 1.67 0.00	39.44 1.30 0.00	37.64 1.37 0.00	38.70 1.48 0.00	41.22 1.91 0.00	50.02 2.52 0.00	54.66 2.48 0.00	105.53 4.56 0.00	84.00 3.81 0.00	56.66 2.58 0.00	49.75 2.16 0.00	45.52 1.73 0.00	47.57 1.81 0.00	43.60 1.04 0.00	41.59 0.47 0.00
MID___RAQUETTE_HYD 23851	36.17 0.65 0.00	32.47 0.60 0.00	32.95 0.60 0.00	34.35 0.78 0.00	36.85 0.99 0.00	35.09 0.96 0.00	52.80 2.37 0.00	59.68 2.87 0.00	56.68 2.94 0.00	52.42 2.41 0.00	40.03 1.89 0.00	38.17 1.90 0.00	39.21 1.99 0.00	41.94 2.62 0.00	50.95 3.45 0.00	55.56 3.38 0.00	107.12 6.15 0.00	85.08 4.89 0.00	57.37 3.29 0.00	50.43 2.85 0.00	46.17 2.37 0.00	48.45 2.70 0.00	44.50 1.94 0.00	42.44 1.32 0.00
MILLIKEN___1 23584	36.01 0.49 0.00	32.32 0.45 0.00	32.75 0.40 0.00	33.94 0.38 0.00	36.27 0.40 0.00	34.59 0.46 0.00	51.27 0.84 0.00	57.68 0.87 0.00	54.34 0.61 0.00	50.70 0.69 0.00	38.67 0.53 0.00	36.74 0.48 0.00	37.75 0.53 0.00	39.70 0.38 0.00	47.89 0.38 0.00	52.79 0.61 0.00	102.53 1.55 0.00	82.03 1.84 0.00	55.36 1.28 0.00	48.60 1.01 0.00	44.50 0.71 0.00	46.37 0.61 0.00	43.04 0.48 0.00	41.60 0.48 0.00
MILLIKEN___2 23585	36.01 0.49 0.00	32.32 0.45 0.00	32.75 0.40 0.00	33.94 0.38 0.00	36.27 0.40 0.00	34.59 0.46 0.00	51.27 0.84 0.00	57.68 0.87 0.00	54.34 0.61 0.00	50.70 0.69 0.00	38.67 0.53 0.00	36.74 0.48 0.00	37.75 0.53 0.00	39.70 0.38 0.00	47.89 0.38 0.00	52.79 0.61 0.00	102.53 1.55 0.00	82.03 1.84 0.00	55.36 1.28 0.00	48.60 1.01 0.00	44.50 0.71 0.00	46.37 0.61 0.00	43.04 0.48 0.00	41.60 0.48 0.00
MILLIKEN___DIESEL 23629	36.01 0.49 0.00	32.32 0.45 0.00	32.75 0.40 0.00	33.94 0.38 0.00	36.27 0.40 0.00	34.59 0.46 0.00	51.27 0.84 0.00	57.68 0.87 0.00	54.34 0.61 0.00	50.70 0.69 0.00	38.67 0.53 0.00	36.74 0.48 0.00	37.75 0.53 0.00	39.70 0.38 0.00	47.89 0.38 0.00	52.79 0.61 0.00	102.53 1.55 0.00	82.03 1.84 0.00	55.36 1.28 0.00	48.60 1.01 0.00	44.50 0.71 0.00	46.37 0.61 0.00	43.04 0.48 0.00	41.60 0.48 0.00
MILLSEAT___LFGE 323607	35.53 0.02 0.00	31.77 -0.10 0.00	32.00 -0.34 0.00	33.07 -0.50 0.00	35.33 -0.54 0.00	34.08 -0.05 0.00	49.76 -0.66 0.00	55.69 -1.12 0.00	53.09 -0.64 0.00	50.16 0.15 0.00	38.86 0.72 0.00	36.63 0.36 0.00	37.32 0.10 0.00	38.94 -0.38 0.00	46.32 -1.18 0.00	50.63 -1.55 0.00	97.36 -3.61 0.00	77.72 -2.46 0.00	51.85 -2.23 0.00	45.44 -2.15 0.00	41.67 -2.12 0.00	44.17 -1.59 0.00	41.73 -0.84 0.00	40.78 -0.34 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.74 1.23 0.00	32.96 1.08 0.00	33.31 0.96 0.00	34.62 1.06 0.00	37.07 1.20 0.00	35.34 1.21 0.00	52.35 1.92 0.00	59.62 2.80 0.00	55.88 2.15 0.00	51.96 1.96 0.00	39.48 1.34 0.00	37.79 1.52 0.00	38.77 1.55 0.00	40.79 1.48 0.00	49.11 1.61 0.00	54.27 2.10 0.00	105.71 4.74 0.00	84.35 4.16 0.00	57.07 2.99 0.00	50.06 2.48 0.00	45.69 1.89 0.00	47.37 1.61 0.00	43.96 1.39 0.00	42.54 1.42 0.00
MILLWOOD_13_KV_LOAD 356217	36.79 1.28 0.00	33.00 1.12 0.00	33.35 1.00 0.00	34.66 1.09 0.00	37.11 1.25 0.00	35.39 1.25 0.00	52.43 2.00 0.00	59.71 2.90 0.00	55.97 2.24 0.00	52.04 2.03 0.00	39.53 1.39 0.00	37.84 1.58 0.00	38.82 1.60 0.00	40.84 1.52 0.00	49.19 1.69 0.00	54.36 2.18 0.00	105.90 4.93 0.00	84.50 4.32 0.00	57.17 3.09 0.00	50.14 2.56 0.00	45.76 1.97 0.00	47.45 1.69 0.00	44.02 1.45 0.00	42.59 1.47 0.00
MODEL_CITY_ENERGY 24167	34.45 -1.07 0.00	30.82 -1.05 0.00	31.03 -1.32 0.00	32.06 -1.51 0.00	34.24 -1.63 0.00	32.98 -1.15 0.00	47.90 -2.53 0.00	53.29 -3.52 0.00	50.84 -2.89 0.00	48.10 -1.91 0.00	37.32 -0.82 0.00	35.14 -1.12 0.00	35.75 -1.46 0.00	37.25 -2.06 0.00	44.22 -3.29 0.00	48.28 -3.90 0.00	92.63 -8.34 0.00	73.90 -6.28 0.00	49.23 -4.85 0.00	43.18 -4.41 0.00	39.68 -4.12 0.00	42.26 -3.50 0.00	40.15 -2.42 0.00	39.39 -1.72 0.00
MODERN_LFGE___ 323580	34.45 -1.07 0.00	30.82 -1.05 0.00	31.03 -1.32 0.00	32.06 -1.51 0.00	34.24 -1.63 0.00	32.98 -1.15 0.00	47.90 -2.53 0.00	53.29 -3.52 0.00	50.84 -2.89 0.00	48.10 -1.91 0.00	37.32 -0.82 0.00	35.14 -1.12 0.00	35.75 -1.46 0.00	37.25 -2.06 0.00	44.22 -3.29 0.00	48.28 -3.90 0.00	92.63 -8.34 0.00	73.90 -6.28 0.00	49.23 -4.85 0.00	43.18 -4.41 0.00	39.68 -4.12 0.00	42.26 -3.50 0.00	40.15 -2.42 0.00	39.39 -1.72 0.00
MOHAWK_PAPER___DRP 24187	36.19 0.67 0.00	32.46 0.59 0.00	32.98 0.63 0.00	34.24 0.67 0.00	36.59 0.72 0.00	34.90 0.76 0.00	51.67 1.25 0.00	58.66 1.85 0.00	55.06 1.33 0.00	50.88 0.87 0.00	38.48 0.34 0.00	36.63 0.36 0.00	37.68 0.46 0.00	39.96 0.64 0.00	48.33 0.83 0.00	53.46 1.28 0.00	104.65 3.68 0.00	83.19 3.00 0.00	56.20 2.12 0.00	49.35 1.77 0.00	45.15 1.36 0.00	46.97 1.21 0.00	43.54 0.98 0.00	42.06 0.95 0.00
MOHICAN___35_KV_115KV_LD 80490	36.55 1.03 0.00	32.73 0.85 0.00	33.38 1.03 0.00	34.78 1.21 0.00	37.21 1.34 0.00	35.40 1.27 0.00	52.61 2.18 0.00	59.90 3.08 0.00	56.10 2.36 0.00	51.36 1.35 0.00	38.62 0.48 0.00	36.70 0.43 0.00	38.04 0.82 0.00	40.56 1.24 0.00	49.05 1.55 0.00	54.39 2.21 0.00	107.29 6.32 0.00	85.03 4.84 0.00	57.58 3.50 0.00	50.55 2.96 0.00	46.09 2.29 0.00	47.96 2.20 0.00	44.31 1.75 0.00	42.93 1.81 0.00
MONGAUP___HYD 23641	37.06 1.55 0.00	33.24 1.37 0.00	33.63 1.28 0.00	34.94 1.37 0.00	37.42 1.55 0.00	35.69 1.56 0.00	52.94 2.51 0.00	60.26 3.44 0.00	56.45 2.71 0.00	52.20 2.19 0.00	39.35 1.21 0.00	37.39 1.13 0.00	38.37 1.15 0.00	40.81 1.50 0.00	49.39 1.89 0.00	54.75 2.57 0.00	107.11 6.13 0.00	85.53 5.34 0.00	57.42 3.34 0.00	50.54 2.95 0.00	46.15 2.35 0.00	47.85 2.09 0.00	44.35 1.79 0.00	42.94 1.82 0.00
MONTAUK___DIESEL 23721	37.57 2.05 0.00	33.83 1.95 0.00	33.73 1.38 0.00	35.37 1.80 0.00	37.98 2.11 0.00	36.52 2.39 0.00	54.04 3.62 0.00	61.96 5.15 0.00	57.86 4.12 0.00	53.34 3.33 0.00	40.17 2.03 0.01	31.72 2.14 6.69	35.13 2.27 4.36	13.23 1.97 28.06	40.92 1.82 8.39	34.89 2.41 19.70	106.94 5.97 0.00	84.86 4.67 0.00	58.39 4.31 0.00	49.96 2.37 0.00	44.36 0.56 0.00	45.29 -0.47 0.00	42.07 -0.49 0.00	41.23 0.11 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.07 0.56 0.00	32.26 0.39 0.00	32.45 0.09 0.00	33.47 -0.10 0.00	35.67 -0.20 0.00	34.55 0.42 0.00	50.49 0.07 0.00	56.97 0.16 0.00	53.85 0.12 0.00	51.08 1.07 0.00	39.60 1.45 0.00	37.38 1.12 0.00	37.96 0.74 0.00	39.60 0.28 0.00	47.11 -0.39 0.00	51.44 -0.74 0.00	98.07 -2.90 0.00	77.96 -2.22 0.00	51.94 -2.14 0.00	45.52 -2.06 0.00	41.79 -2.01 0.00	44.39 -1.37 0.00	41.84 -0.72 0.00	40.92 -0.20 0.00

MORRIS_RIDGE___SOLAR 323848	35.27 -0.24 0.00	31.65 -0.22 0.00	31.92 -0.43 0.00	32.82 -0.74 0.00	35.06 -0.81 0.00	33.73 -0.40 0.00	49.61 -0.81 0.00	55.85 -0.96 0.00	52.95 -0.79 0.00	50.00 -0.01 0.00	38.60 0.46 0.00	36.48 0.21 0.00	37.21 -0.01 0.00	38.67 -0.65 0.00	46.23 -1.28 0.00	50.89 -1.29 0.00	97.83 -3.14 0.00	77.89 -2.30 0.00	52.09 -1.99 0.00	45.36 -2.23 0.00	41.29 -2.50 0.00	43.49 -2.26 0.00	40.93 -1.64 0.00	39.99 -1.13 0.00
MORTIMER_115KV_TB3 55949	35.07 -0.45 0.00	31.41 -0.47 0.00	31.72 -0.63 0.00	32.83 -0.73 0.00	35.07 -0.80 0.00	33.70 -0.43 0.00	49.45 -0.97 0.00	55.55 -1.26 0.00	52.75 -0.99 0.00	49.59 -0.42 0.00	38.23 0.09 0.00	36.17 -0.10 0.00	36.96 -0.26 0.00	38.69 -0.62 0.00	46.23 -1.28 0.00	50.66 -1.52 0.00	97.70 -3.28 0.00	77.87 -2.31 0.00	52.18 -1.90 0.00	45.78 -1.81 0.00	41.99 -1.80 0.00	44.25 -1.50 0.00	41.54 -1.03 0.00	40.41 -0.71 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.89 1.37 0.00	33.08 1.21 0.00	33.40 1.06 0.00	34.72 1.16 0.00	37.20 1.33 0.00	35.47 1.34 0.00	52.58 2.16 0.00	59.92 3.11 0.00	56.18 2.45 0.00	52.32 2.30 0.00	39.77 1.63 0.00	38.08 1.82 0.00	39.07 1.85 0.00	41.10 1.79 0.00	49.43 1.93 0.00	54.60 2.42 0.00	106.32 5.35 0.00	84.83 4.65 0.00	57.39 3.31 0.00	50.34 2.75 0.00	45.95 2.16 0.00	47.63 1.87 0.00	44.16 1.60 0.00	42.72 1.60 0.00
MUNSVILLE_WIND_PWR 323609	38.38 2.87 0.00	34.47 2.59 0.00	34.81 2.46 0.00	36.20 2.63 0.00	38.67 2.80 0.00	37.17 3.04 0.00	56.10 5.67 0.00	68.36 11.55 0.00	61.95 8.21 0.00	57.06 7.05 0.00	42.77 4.63 0.00	40.98 4.72 0.00	42.48 5.25 0.00	44.93 5.61 0.00	54.41 6.91 0.00	60.06 7.88 0.00	114.29 13.32 0.00	89.13 8.95 0.00	60.21 6.13 0.00	52.83 5.25 0.00	48.28 4.48 0.00	50.14 4.39 0.00	46.09 3.53 0.00	43.95 2.83 0.00
N SALMON___HYD 24042	35.99 0.47 0.00	32.35 0.48 0.00	32.79 0.43 0.00	34.21 0.65 0.00	36.75 0.88 0.00	35.00 0.87 0.00	52.08 1.65 0.00	58.77 1.95 0.00	55.95 2.21 0.00	51.90 1.89 0.00	39.61 1.47 0.00	37.65 1.38 0.00	38.62 1.40 0.00	41.43 2.12 0.00	50.46 2.96 0.00	54.85 2.68 0.00	105.30 4.33 0.00	83.38 3.20 0.00	56.25 2.17 0.00	49.65 2.06 0.00	45.57 1.78 0.00	47.81 2.06 0.00	44.34 1.78 0.00	42.51 1.39 0.00
N.AKRON__115KV_KNAPP 355671	35.41 -0.11 0.00	31.67 -0.21 0.00	31.89 -0.46 0.00	32.95 -0.62 0.00	35.20 -0.67 0.00	33.95 -0.18 0.00	49.51 -0.91 0.00	55.32 -1.49 0.00	52.76 -0.97 0.00	49.86 -0.15 0.00	38.66 0.52 0.00	36.42 0.15 0.00	37.12 -0.10 0.00	38.70 -0.62 0.00	45.99 -1.51 0.00	50.27 -1.90 0.00	96.59 -4.38 0.00	77.10 -3.09 0.00	51.40 -2.68 0.00	45.05 -2.54 0.00	41.35 -2.45 0.00	43.86 -1.90 0.00	41.50 -1.06 0.00	40.59 -0.53 0.00
N.BELMOR_69_KV_BK1 55787	37.21 1.70 0.00	33.31 1.44 0.00	33.55 1.20 0.00	34.84 1.27 0.00	37.27 1.40 0.00	35.64 1.51 0.00	52.57 2.15 0.00	60.06 3.25 0.00	56.28 2.54 0.00	52.36 2.35 0.00	39.97 1.80 -0.02	35.53 1.96 2.70	37.58 2.04 1.68	26.16 1.90 15.05	45.30 1.94 4.14	43.69 2.41 10.89	106.13 5.16 0.00	84.87 4.69 0.00	57.83 3.75 0.00	50.82 3.24 0.00	46.23 2.43 0.00	47.88 2.12 0.00	44.50 1.93 0.00	43.00 1.88 0.00
N.E_GEN_SANDY PD 24062	35.98 0.84 0.38	32.59 0.71 0.00	33.03 0.68 0.00	34.36 0.79 0.00	36.26 0.88 0.49	35.15 0.94 -0.07	52.30 1.50 -0.37	59.06 2.26 0.00	55.97 1.63 -0.61	51.16 1.12 -0.04	38.62 0.48 0.00	36.80 0.53 0.00	37.79 0.62 0.05	40.06 0.74 0.00	47.86 0.90 0.54	53.07 1.50 0.61	105.30 4.33 0.00	83.75 3.57 0.00	56.62 2.55 0.00	49.72 2.14 0.00	45.43 1.63 0.00	47.19 1.43 0.00	43.33 1.23 0.46	42.19 1.26 0.19
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.70 1.19 0.00	32.95 1.07 0.00	33.30 0.95 0.00	34.62 1.05 0.00	37.07 1.20 0.00	35.31 1.18 0.00	52.28 1.85 0.00	59.52 2.71 0.00	55.77 2.03 0.00	51.88 1.87 0.00	39.44 1.30 0.00	37.78 1.51 0.00	38.74 1.52 0.00	40.74 1.42 0.00	49.02 1.52 0.00	54.17 2.00 0.00	105.41 4.44 0.00	84.13 3.95 0.00	56.93 2.85 0.00	49.94 2.35 0.00	45.56 1.77 0.00	47.25 1.49 0.00	43.86 1.29 0.00	42.48 1.36 0.00
N.QUEENS_27_KV_LOAD 356247	36.94 1.43 0.00	33.12 1.25 0.00	33.40 1.05 0.00	34.72 1.16 0.00	37.23 1.36 0.00	35.54 1.41 0.00	52.72 2.30 0.00	59.96 3.15 0.00	56.20 2.46 0.00	52.27 2.26 0.00	39.82 1.68 0.00	38.13 1.86 0.00	39.10 1.88 0.00	41.11 1.79 0.00	49.40 1.90 0.00	54.60 2.42 0.00	106.26 5.29 0.00	84.72 4.54 0.00	57.23 3.15 0.00	50.31 2.72 0.00	45.95 2.16 0.00	47.60 1.84 0.00	44.13 1.57 0.00	42.75 1.63 0.00
N.TROY___115KV_TB1 355778	36.26 0.75 0.00	32.50 0.62 0.00	33.04 0.69 0.00	34.34 0.77 0.00	36.71 0.84 0.00	35.01 0.88 0.00	51.88 1.46 0.00	58.90 2.09 0.00	55.26 1.52 0.00	50.96 0.95 0.00	38.47 0.33 0.00	36.61 0.34 0.00	37.71 0.49 0.00	40.02 0.70 0.00	48.40 0.90 0.00	53.60 1.43 0.00	105.16 4.19 0.00	83.53 3.34 0.00	56.45 2.37 0.00	49.60 2.01 0.00	45.34 1.55 0.00	47.18 1.42 0.00	43.75 1.19 0.00	42.30 1.19 0.00
NARROWS_GT1_1 24228	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT1_2 24229	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT1_3 24230	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT1_4 24231	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00

NARROWS_GT1_5 24232	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT1_6 24233	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT1_7 24234	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT1_8 24235	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT2_1 24236	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT2_2 24237	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT2_3 24238	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT2_4 24239	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT2_5 24240	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT2_6 24241	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT2_7 24242	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NARROWS_GT2_8 24243	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.53 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.34 2.12 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.76 2.58 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.20 2.40 0.00	47.87 2.11 0.00	44.41 1.84 0.00	43.00 1.88 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.86 1.34 0.00	33.07 1.19 0.00	33.62 1.27 0.00	34.89 1.33 0.00	37.31 1.44 0.00	35.62 1.49 0.00	52.91 2.49 0.00	60.08 3.27 0.00	56.36 2.62 0.00	51.71 1.70 0.00	38.84 0.69 0.00	36.92 0.65 0.00	38.01 0.79 0.00	40.42 1.11 0.00	49.38 1.88 0.00	54.70 2.52 0.00	106.99 6.02 0.00	85.24 5.06 0.00	57.55 3.47 0.00	50.50 2.91 0.00	46.39 2.59 0.00	48.29 2.53 0.00	44.68 2.12 0.00	42.95 1.83 0.00
NCHELSEA_115KV_TR2 355582	37.17 1.65 0.00	33.33 1.45 0.00	33.69 1.34 0.00	35.02 1.45 0.00	37.49 1.63 0.00	35.77 1.64 0.00	53.05 2.63 0.00	60.43 3.62 0.00	56.64 2.91 0.00	52.57 2.56 0.00	39.88 1.74 0.00	38.10 1.83 0.00	39.09 1.87 0.00	41.21 1.89 0.00	49.71 2.21 0.00	54.99 2.82 0.00	107.30 6.33 0.00	85.58 5.40 0.00	57.87 3.79 0.00	50.75 3.17 0.00	46.32 2.53 0.00	48.01 2.26 0.00	44.51 1.95 0.00	43.02 1.90 0.00
NEG CAPITAL___MECHNVIL 23645	36.84 1.33 0.00	33.00 1.13 0.00	33.57 1.22 0.00	34.91 1.34 0.00	37.34 1.47 0.00	35.60 1.47 0.00	52.84 2.42 0.00	60.03 3.22 0.00	56.26 2.53 0.00	51.79 1.78 0.00	39.09 0.95 0.00	37.15 0.88 0.00	38.36 1.14 0.00	40.78 1.46 0.00	49.32 1.82 0.00	54.62 2.44 0.00	107.31 6.35 0.00	85.24 5.05 0.00	57.59 3.51 0.00	50.59 3.01 0.00	46.21 2.41 0.00	48.06 2.30 0.00	44.51 1.95 0.00	43.01 1.90 0.00

NEG CENTRAL_HIGH_ACRES 23767	34.51 -1.01 0.00	30.92 -0.95 0.00	31.24 -1.11 0.00	32.36 -1.20 0.00	34.58 -1.29 0.00	33.18 -0.95 0.00	48.81 -1.62 0.00	54.89 -1.92 0.00	52.06 -1.68 0.00	48.90 -1.11 0.00	37.62 -0.53 0.00	35.61 -0.66 0.00	36.42 -0.80 0.00	38.21 -1.11 0.00	45.73 -1.77 0.00	50.16 -2.02 0.00	96.92 -4.05 0.00	77.21 -2.97 0.00	51.79 -2.29 0.00	45.44 -2.15 0.00	41.67 -2.12 0.00	43.80 -1.96 0.00	40.99 -1.57 0.00	39.82 -1.30 0.00
NEG CENTRAL___DRP 24199	35.43 -0.09 0.00	31.78 -0.10 0.00	32.17 -0.18 0.00	33.28 -0.29 0.00	35.56 -0.31 0.00	34.01 -0.12 0.00	50.22 -0.21 0.00	56.67 -0.14 0.00	53.52 -0.22 0.00	50.11 0.11 0.00	38.49 0.35 0.00	36.49 0.23 0.00	37.39 0.17 0.00	39.20 -0.11 0.00	47.07 -0.43 0.00	51.83 -0.35 0.00	100.26 -0.71 0.00	79.96 -0.23 0.00	53.83 -0.25 0.00	47.20 -0.39 0.00	43.14 -0.65 0.00	45.09 -0.67 0.00	42.07 -0.50 0.00	40.83 -0.29 0.00
NEG CENTRAL___INDECK 23768	36.43 0.91 0.00	32.62 0.75 0.00	32.91 0.56 0.00	33.95 0.38 0.00	36.32 0.45 0.00	35.04 0.91 0.00	51.69 1.26 0.00	58.21 1.40 0.00	55.23 1.49 0.00	52.01 2.00 0.00	40.11 1.97 0.00	37.86 1.59 0.00	38.49 1.27 0.00	39.55 0.23 0.00	46.87 -0.63 0.00	51.55 -0.63 0.00	99.37 -1.61 0.00	79.44 -0.74 0.00	53.13 -0.95 0.00	46.35 -1.24 0.00	42.28 -1.51 0.00	45.31 -0.45 0.00	42.93 0.37 0.00	41.72 0.60 0.00
NEG CENTRAL___SENECA 23627	35.61 0.10 0.00	31.95 0.08 0.00	32.32 -0.03 0.00	33.40 -0.16 0.00	35.69 -0.18 0.00	34.21 0.08 0.00	50.46 0.04 0.00	56.99 0.18 0.00	53.83 0.09 0.00	50.54 0.53 0.00	38.93 0.79 0.00	36.85 0.58 0.00	37.74 0.53 0.00	39.44 0.12 0.00	47.28 -0.23 0.00	52.10 -0.07 0.00	100.55 -0.42 0.00	80.28 0.09 0.00	53.95 -0.13 0.00	47.25 -0.34 0.00	43.15 -0.64 0.00	45.11 -0.65 0.00	42.15 -0.41 0.00	41.00 -0.12 0.00
NEG CENTRAL___STATE_STREET 24147	35.47 -0.05 0.00	31.83 -0.04 0.00	32.26 -0.09 0.00	33.43 -0.13 0.00	35.72 -0.15 0.00	33.99 -0.14 0.00	50.25 -0.17 0.00	56.64 -0.17 0.00	53.46 -0.27 0.00	49.91 -0.10 0.00	38.17 0.03 0.00	36.24 -0.03 0.00	37.16 -0.06 0.00	39.10 -0.22 0.00	47.12 -0.38 0.00	51.83 -0.34 0.00	100.56 -0.41 0.00	80.16 -0.03 0.00	54.19 0.11 0.00	47.60 0.02 0.00	43.62 -0.17 0.00	45.51 -0.25 0.00	42.36 -0.20 0.00	40.98 -0.14 0.00
NEG MILLWOOD___DRP 24198	37.17 1.65 0.00	33.31 1.43 0.00	33.68 1.33 0.00	35.00 1.43 0.00	37.48 1.62 0.00	35.76 1.63 0.00	53.07 2.65 0.00	60.48 3.66 0.00	56.68 2.94 0.00	52.64 2.63 0.00	39.93 1.79 0.00	38.17 1.90 0.00	39.21 1.99 0.00	41.29 1.97 0.00	49.79 2.28 0.00	55.07 2.89 0.00	107.42 6.45 0.00	85.69 5.50 0.00	57.97 3.89 0.00	50.85 3.26 0.00	46.39 2.60 0.00	48.08 2.32 0.00	44.56 1.99 0.00	43.05 1.93 0.00
NEG NORTH_FLCN_SEA 23793	35.62 0.10 0.00	32.07 0.19 0.00	32.50 0.15 0.00	34.00 0.44 0.00	36.50 0.63 0.00	34.81 0.68 0.00	51.52 1.10 0.00	58.11 1.30 0.00	55.18 1.44 0.00	51.07 1.06 0.00	38.96 0.82 0.00	37.08 0.81 0.00	38.10 0.87 0.00	40.93 1.61 0.00	49.88 2.37 0.00	54.04 1.86 0.00	102.96 1.99 0.00	80.86 0.67 0.00	54.78 0.71 0.00	48.66 1.07 0.00	44.67 0.88 0.00	46.88 1.12 0.00	43.67 1.11 0.00	42.13 1.01 0.00
NEG NORTH_KES_CHATEGAY 23792	35.57 0.05 0.00	32.01 0.14 0.00	32.41 0.07 0.00	33.85 0.29 0.00	36.36 0.49 0.00	34.60 0.47 0.00	51.25 0.83 0.00	57.67 0.86 0.00	54.92 1.19 0.00	50.89 0.88 0.00	38.87 0.72 0.00	36.94 0.68 0.00	37.91 0.69 0.00	40.69 1.37 0.00	49.60 2.09 0.00	53.85 1.68 0.00	103.01 2.04 0.00	81.32 1.13 0.00	54.89 0.81 0.00	48.54 0.95 0.00	44.66 0.87 0.00	46.90 1.14 0.00	43.67 1.11 0.00	42.01 0.89 0.00
NEG NORTH___ALICE_FALLS 23915	35.82 0.31 0.00	32.25 0.37 0.00	32.68 0.33 0.00	34.16 0.60 0.00	36.68 0.81 0.00	34.99 0.86 0.00	51.82 1.39 0.00	58.47 1.66 0.00	55.58 1.84 0.00	51.40 1.39 0.00	39.23 1.09 0.00	37.31 1.05 0.00	38.32 1.10 0.00	41.16 1.85 0.00	50.15 2.66 0.00	54.40 2.23 0.00	103.92 2.94 0.00	81.84 1.66 0.00	55.39 1.31 0.00	49.06 1.47 0.00	45.05 1.26 0.00	47.26 1.50 0.00	44.00 1.44 0.00	42.39 1.27 0.00
NEG NORTH___LWR_SARANAC 23913	35.82 0.31 0.00	32.25 0.37 0.00	32.68 0.33 0.00	34.16 0.60 0.00	36.68 0.81 0.00	34.99 0.86 0.00	51.82 1.39 0.00	58.47 1.66 0.00	55.58 1.84 0.00	51.40 1.39 0.00	39.23 1.09 0.00	37.31 1.05 0.00	38.32 1.10 0.00	41.16 1.85 0.00	50.15 2.66 0.00	54.40 2.23 0.00	103.92 2.94 0.00	81.84 1.66 0.00	55.39 1.31 0.00	49.06 1.47 0.00	45.05 1.26 0.00	47.26 1.50 0.00	44.00 1.44 0.00	42.39 1.27 0.00
NEG NORTH___PLATTSBURG 23628	35.82 0.31 0.00	32.25 0.37 0.00	32.68 0.33 0.00	34.16 0.60 0.00	36.68 0.81 0.00	34.99 0.85 0.00	51.82 1.39 0.00	58.46 1.65 0.00	55.57 1.84 0.00	51.40 1.39 0.00	39.23 1.09 0.00	37.31 1.05 0.00	38.32 1.10 0.00	41.16 1.85 0.00	50.15 2.65 0.00	54.40 2.23 0.00	103.92 2.94 0.00	81.84 1.66 0.00	55.39 1.31 0.00	49.06 1.47 0.00	45.05 1.25 0.00	47.26 1.50 0.00	44.00 1.44 0.00	42.39 1.27 0.00
NEG WEST_LEA_LOCKPORT 23791	34.91 -0.60 0.00	31.23 -0.64 0.00	31.45 -0.90 0.00	32.47 -1.09 0.00	34.67 -1.20 0.00	33.43 -0.70 0.00	48.63 -1.80 0.00	54.20 -2.61 0.00	51.70 -2.04 0.00	48.90 -1.10 0.00	37.94 -0.20 0.00	35.73 -0.54 0.00	36.39 -0.83 0.00	37.90 -1.42 0.00	44.99 -2.51 0.00	49.14 -3.04 0.00	94.30 -6.67 0.00	75.26 -4.92 0.00	50.15 -3.93 0.00	43.96 -3.63 0.00	40.36 -3.43 0.00	42.94 -2.82 0.00	40.72 -1.84 0.00	39.93 -1.19 0.00
NEG WEST___LANCASTER 23811	35.54 0.02 0.00	31.84 -0.04 0.00	32.07 -0.28 0.00	33.16 -0.41 0.00	35.38 -0.49 0.00	34.06 -0.07 0.00	49.52 -0.90 0.00	55.71 -1.10 0.00	52.75 -0.99 0.00	49.88 -0.13 0.00	38.64 0.50 0.00	36.58 0.31 0.00	37.42 0.20 0.00	38.97 -0.34 0.00	46.36 -1.14 0.00	50.66 -1.52 0.00	96.85 -4.12 0.00	77.18 -3.00 0.00	51.60 -2.48 0.00	45.24 -2.34 0.00	41.45 -2.34 0.00	43.90 -1.86 0.00	41.62 -0.95 0.00	40.73 -0.39 0.00
NEG_PENN_ALLEGHNY 23528	35.61 0.10 0.00	31.99 0.11 0.00	32.44 0.08 0.00	33.59 0.02 0.00	35.88 0.01 0.00	34.22 0.09 0.00	50.69 0.27 0.00	57.43 0.62 0.00	53.98 0.25 0.00	50.48 0.47 0.00	38.49 0.35 0.00	36.56 0.29 0.00	37.56 0.34 0.00	39.43 0.11 0.00	47.56 0.06 0.00	52.48 0.30 0.00	101.49 0.52 0.00	80.85 0.67 0.00	54.55 0.47 0.00	47.87 0.29 0.00	43.79 -0.01 0.00	45.66 -0.10 0.00	42.44 -0.12 0.00	41.11 -0.01 0.00
NEG___GEN_MONROE 24207	35.36 -0.16 0.00	31.68 -0.20 0.00	31.94 -0.41 0.00	33.06 -0.51 0.00	35.33 -0.54 0.00	33.97 -0.16 0.00	49.96 -0.46 0.00	55.97 -0.84 0.00	53.18 -0.56 0.00	50.06 0.05 0.00	38.62 0.47 0.00	36.50 0.23 0.00	37.29 0.07 0.00	39.03 -0.29 0.00	46.58 -0.92 0.00	51.02 -1.16 0.00	98.37 -2.60 0.00	78.46 -1.73 0.00	52.55 -1.53 0.00	46.08 -1.51 0.00	42.25 -1.54 0.00	44.54 -1.22 0.00	41.85 -0.71 0.00	40.73 -0.39 0.00

NEPA__ENERGY 23901	35.55 0.04 0.00	31.80 -0.08 0.00	32.02 -0.33 0.00	33.04 -0.52 0.00	35.24 -0.63 0.00	34.03 -0.10 0.00	49.63 -0.80 0.00	55.62 -1.19 0.00	52.91 -0.83 0.00	50.09 0.08 0.00	38.85 0.71 0.00	36.63 0.37 0.00	37.29 0.07 0.00	38.86 -0.46 0.00	46.19 -1.31 0.00	50.48 -1.70 0.00	96.63 -4.34 0.00	76.99 -3.19 0.00	51.29 -2.79 0.00	44.94 -2.64 0.00	41.20 -2.60 0.00	43.74 -2.01 0.00	41.34 -1.22 0.00	40.49 -0.63 0.00
NEVERSINK__HYD 23608	36.77 1.25 0.00	32.96 1.08 0.00	33.35 0.99 0.00	34.65 1.08 0.00	37.11 1.24 0.00	35.42 1.29 0.00	52.57 2.14 0.00	59.88 3.07 0.00	56.25 2.52 0.00	52.08 2.07 0.00	39.42 1.27 0.00	37.71 1.44 0.00	38.57 1.35 0.00	40.77 1.45 0.00	49.22 1.72 0.00	54.51 2.34 0.00	106.20 5.23 0.00	84.62 4.44 0.00	57.21 3.13 0.00	50.16 2.57 0.00	45.78 1.99 0.00	47.45 1.70 0.00	43.98 1.41 0.00	42.48 1.36 0.00
NEWKRMKL_115KV_TB1 55635	35.83 0.31 0.00	32.16 0.28 0.00	32.68 0.33 0.00	33.91 0.34 0.00	36.24 0.36 0.00	34.53 0.41 0.00	51.13 0.70 0.00	58.00 1.19 0.00	54.45 0.72 0.00	50.34 0.33 0.00	38.11 -0.03 0.00	36.32 0.05 0.00	37.34 0.12 0.00	39.56 0.24 0.00	47.85 0.35 0.00	52.90 0.72 0.00	103.47 2.50 0.00	82.22 2.04 0.00	55.53 1.45 0.00	48.78 1.19 0.00	44.63 0.84 0.00	46.42 0.66 0.00	43.04 0.48 0.00	41.57 0.45 0.00
NEWTON__FALLS_HYD 23847	35.63 0.12 0.00	31.98 0.11 0.00	32.52 0.17 0.00	33.85 0.29 0.00	36.30 0.43 0.00	34.67 0.54 0.00	52.04 1.61 0.00	58.81 2.00 0.00	55.81 2.07 0.00	51.68 1.67 0.00	39.44 1.30 0.00	37.64 1.37 0.00	38.70 1.48 0.00	41.22 1.91 0.00	50.02 2.52 0.00	54.66 2.48 0.00	105.53 4.56 0.00	84.00 3.81 0.00	56.66 2.58 0.00	49.75 2.16 0.00	45.52 1.73 0.00	47.57 1.81 0.00	43.60 1.04 0.00	41.59 0.47 0.00
NGRID_A1_DSASP 323792	34.28 -1.23 0.00	30.68 -1.20 0.00	30.88 -1.46 0.00	31.90 -1.66 0.00	34.01 -1.86 0.00	32.83 -1.30 0.00	47.63 -2.80 0.00	52.92 -3.90 0.00	50.49 -3.25 0.00	47.77 -2.24 0.00	37.07 -1.07 0.00	34.89 -1.38 0.00	35.50 -1.72 0.00	36.98 -2.34 0.00	43.86 -3.64 0.00	47.89 -4.29 0.00	91.84 -9.13 0.00	73.27 -6.92 0.00	48.80 -5.28 0.00	42.80 -4.78 0.00	39.36 -4.43 0.00	41.97 -3.79 0.00	39.90 -2.66 0.00	39.18 -1.93 0.00
NGRID_A2_DSASP 323793	34.28 -1.23 0.00	30.68 -1.20 0.00	30.88 -1.46 0.00	31.90 -1.66 0.00	34.01 -1.86 0.00	32.83 -1.30 0.00	47.63 -2.80 0.00	52.92 -3.90 0.00	50.49 -3.25 0.00	47.77 -2.24 0.00	37.07 -1.07 0.00	34.89 -1.38 0.00	35.50 -1.72 0.00	36.98 -2.34 0.00	43.86 -3.64 0.00	47.89 -4.29 0.00	91.84 -9.13 0.00	73.27 -6.92 0.00	48.80 -5.28 0.00	42.80 -4.78 0.00	39.36 -4.43 0.00	41.97 -3.79 0.00	39.90 -2.66 0.00	39.18 -1.93 0.00
NGRID_A4_DSASP 323807	34.28 -1.23 0.00	30.68 -1.20 0.00	30.88 -1.46 0.00	31.90 -1.66 0.00	34.01 -1.86 0.00	32.83 -1.30 0.00	47.63 -2.80 0.00	52.92 -3.90 0.00	50.49 -3.25 0.00	47.77 -2.24 0.00	37.07 -1.07 0.00	34.89 -1.38 0.00	35.50 -1.72 0.00	36.98 -2.34 0.00	43.86 -3.64 0.00	47.89 -4.29 0.00	91.84 -9.13 0.00	73.27 -6.92 0.00	48.80 -5.28 0.00	42.80 -4.78 0.00	39.36 -4.43 0.00	41.97 -3.79 0.00	39.90 -2.66 0.00	39.18 -1.93 0.00
NIAGARA_115E_LBMP 323715	34.16 -1.36 0.00	30.57 -1.31 0.00	30.77 -1.58 0.00	31.80 -1.76 0.00	33.98 -1.90 0.00	32.71 -1.42 0.00	47.42 -3.00 0.00	52.72 -4.09 0.00	50.31 -3.43 0.00	47.59 -2.42 0.00	36.94 -1.20 0.00	34.77 -1.50 0.00	35.36 -1.86 0.00	36.84 -2.47 0.00	43.71 -3.79 0.00	47.73 -4.45 0.00	91.50 -9.48 0.00	73.02 -7.17 0.00	48.64 -5.44 0.00	42.65 -4.93 0.00	39.21 -4.59 0.00	41.80 -3.95 0.00	39.78 -2.79 0.00	39.06 -2.06 0.00
NIAGARA_115W_LBMP 323714	34.21 -1.30 0.00	30.61 -1.27 0.00	30.82 -1.53 0.00	31.84 -1.73 0.00	33.94 -1.93 0.00	32.76 -1.37 0.00	47.51 -2.92 0.00	52.79 -4.02 0.00	50.37 -3.37 0.00	47.65 -2.36 0.00	36.98 -1.16 0.00	34.81 -1.46 0.00	35.40 -1.82 0.00	36.88 -2.44 0.00	43.76 -3.74 0.00	47.78 -4.40 0.00	91.58 -9.39 0.00	73.09 -7.10 0.00	48.68 -5.40 0.00	42.71 -4.88 0.00	39.27 -4.52 0.00	41.88 -3.88 0.00	39.82 -2.75 0.00	39.10 -2.02 0.00
NIAGARA_230_LBMP 323716	34.40 -1.12 0.00	30.78 -1.09 0.00	31.00 -1.35 0.00	32.04 -1.53 0.00	34.18 -1.69 0.00	32.95 -1.18 0.00	47.84 -2.58 0.00	53.28 -3.53 0.00	50.77 -2.96 0.00	48.01 -2.00 0.00	37.23 -0.91 0.00	35.07 -1.19 0.00	35.70 -1.52 0.00	37.20 -2.12 0.00	44.16 -3.34 0.00	48.24 -3.94 0.00	92.51 -8.46 0.00	73.82 -6.36 0.00	49.20 -4.88 0.00	43.17 -4.42 0.00	39.66 -4.14 0.00	42.23 -3.53 0.00	40.09 -2.47 0.00	39.35 -1.77 0.00
NIAGARA__115KV_198_GIBSON 55903	34.21 -1.30 0.00	30.61 -1.27 0.00	30.82 -1.53 0.00	31.84 -1.73 0.00	33.94 -1.93 0.00	32.76 -1.37 0.00	47.51 -2.91 0.00	52.79 -4.02 0.00	50.37 -3.37 0.00	47.65 -2.37 0.00	36.98 -1.16 0.00	34.81 -1.46 0.00	35.43 -1.80 0.00	36.88 -2.44 0.00	43.76 -3.74 0.00	47.77 -4.40 0.00	91.58 -9.39 0.00	73.08 -7.10 0.00	48.68 -5.40 0.00	42.70 -4.88 0.00	39.28 -4.52 0.00	41.86 -3.89 0.00	39.83 -2.74 0.00	39.10 -2.02 0.00
NIAGARA____ 23760	34.40 -1.12 0.00	30.78 -1.09 0.00	31.00 -1.35 0.00	32.04 -1.53 0.00	34.18 -1.69 0.00	32.95 -1.18 0.00	47.84 -2.58 0.00	53.28 -3.53 0.00	50.77 -2.96 0.00	48.01 -2.00 0.00	37.23 -0.91 0.00	35.07 -1.19 0.00	35.70 -1.52 0.00	37.20 -2.12 0.00	44.16 -3.34 0.00	48.24 -3.94 0.00	92.51 -8.46 0.00	73.82 -6.36 0.00	49.20 -4.88 0.00	43.17 -4.42 0.00	39.66 -4.14 0.00	42.23 -3.53 0.00	40.09 -2.47 0.00	39.35 -1.77 0.00
NINE_MILE_1 23575	34.22 -1.29 0.00	30.73 -1.14 0.00	31.16 -1.19 0.00	32.29 -1.27 0.00	34.51 -1.36 0.00	32.92 -1.21 0.00	48.63 -1.80 0.00	54.88 -1.94 0.00	51.83 -1.91 0.00	48.31 -1.70 0.00	36.88 -1.26 0.00	35.04 -1.23 0.00	35.96 -1.26 0.00	37.91 -1.41 0.00	45.72 -1.78 0.00	50.27 -1.91 0.00	97.36 -3.61 0.00	77.42 -2.76 0.00	52.19 -1.89 0.00	45.86 -1.72 0.00	42.10 -1.69 0.00	44.00 -1.76 0.00	40.93 -1.64 0.00	39.57 -1.54 0.00
NINE_MILE_2 23744	34.22 -1.29 0.00	30.73 -1.14 0.00	31.16 -1.19 0.00	32.29 -1.27 0.00	34.51 -1.36 0.00	32.92 -1.21 0.00	48.63 -1.80 0.00	54.88 -1.94 0.00	51.83 -1.91 0.00	48.31 -1.70 0.00	36.87 -1.27 0.00	35.04 -1.23 0.00	35.96 -1.26 0.00	37.91 -1.41 0.00	45.72 -1.78 0.00	50.27 -1.91 0.00	97.36 -3.61 0.00	77.42 -2.76 0.00	52.19 -1.89 0.00	45.86 -1.72 0.00	42.10 -1.69 0.00	44.00 -1.76 0.00	40.93 -1.64 0.00	39.57 -1.54 0.00
NM_CAPITAL__DRP 24208	35.92 0.40 0.00	32.24 0.36 0.00	32.76 0.41 0.00	34.00 0.43 0.00	36.33 0.46 0.00	34.63 0.50 0.00	51.27 0.84 0.00	58.17 1.36 0.00	54.60 0.87 0.00	50.47 0.46 0.00	38.18 0.03 0.00	36.38 0.11 0.00	37.40 0.18 0.00	39.64 0.32 0.00	47.95 0.44 0.00	53.03 0.85 0.00	103.78 2.81 0.00	82.45 2.27 0.00	55.70 1.63 0.00	48.93 1.34 0.00	44.76 0.97 0.00	46.56 0.80 0.00	43.18 0.61 0.00	41.73 0.61 0.00

NM_CENTRAL___DRP 24181	34.93 -0.58 0.00	31.35 -0.53 0.00	31.79 -0.56 0.00	32.94 -0.62 0.00	35.20 -0.68 0.00	33.61 -0.52 0.00	49.72 -0.70 0.00	56.19 -0.62 0.00	53.05 -0.69 0.00	49.47 -0.54 0.00	37.78 -0.36 0.00	35.91 -0.35 0.00	36.85 -0.37 0.00	38.81 -0.51 0.00	46.78 -0.72 0.00	51.46 -0.72 0.00	99.62 -1.35 0.00	79.26 -0.93 0.00	53.41 -0.67 0.00	46.89 -0.69 0.00	43.01 -0.78 0.00	44.90 -0.86 0.00	41.76 -0.80 0.00	40.39 -0.73 0.00
NM_FRONTIER___DRP 24179	34.21 -1.30 0.00	30.61 -1.27 0.00	30.82 -1.53 0.00	31.84 -1.73 0.00	33.94 -1.93 0.00	32.76 -1.37 0.00	47.51 -2.91 0.00	52.79 -4.02 0.00	50.37 -3.37 0.00	47.65 -2.37 0.00	36.98 -1.16 0.00	34.81 -1.46 0.00	35.43 -1.80 0.00	36.88 -2.44 0.00	43.76 -3.74 0.00	47.77 -4.40 0.00	91.58 -9.39 0.00	73.08 -7.10 0.00	48.68 -5.40 0.00	42.70 -4.88 0.00	39.28 -4.52 0.00	41.86 -3.89 0.00	39.83 -2.74 0.00	39.10 -2.02 0.00
NM_ST_REGIS___HYD 24053	36.15 0.64 0.00	32.47 0.60 0.00	32.95 0.60 0.00	34.35 0.78 0.00	36.87 1.00 0.00	35.10 0.97 0.00	52.67 2.25 0.00	59.50 2.69 0.00	56.57 2.84 0.00	52.35 2.34 0.00	39.99 1.85 0.00	38.09 1.82 0.00	39.12 1.90 0.00	41.88 2.57 0.00	50.93 3.43 0.00	55.47 3.30 0.00	106.80 5.83 0.00	84.75 4.57 0.00	57.16 3.08 0.00	50.30 2.72 0.00	46.09 2.30 0.00	48.37 2.61 0.00	44.55 1.99 0.00	42.53 1.41 0.00
NORTHPORT___1 23551	37.18 1.66 0.00	33.25 1.37 0.00	33.46 1.11 0.00	34.74 1.17 0.00	37.14 1.27 0.00	35.53 1.40 0.00	52.30 1.87 0.00	59.82 3.00 0.00	55.98 2.24 0.00	51.86 1.86 0.00	39.57 1.44 0.01	31.19 1.76 6.83	34.63 1.87 4.45	12.51 1.71 28.52	40.73 1.77 8.54	34.27 2.10 20.01	105.58 4.61 0.00	84.40 4.22 0.00	57.72 3.63 0.00	50.58 2.99 0.00	45.96 2.17 0.00	47.45 1.69 0.00	44.21 1.65 0.00	42.81 1.69 0.00
NORTHPORT___2 23552	37.18 1.66 0.00	33.25 1.37 0.00	33.46 1.11 0.00	34.74 1.17 0.00	37.14 1.27 0.00	35.53 1.40 0.00	52.30 1.87 0.00	59.82 3.00 0.00	55.98 2.24 0.00	51.86 1.86 0.00	39.57 1.44 0.01	31.19 1.76 6.83	34.63 1.87 4.45	12.51 1.71 28.52	40.73 1.77 8.54	34.27 2.10 20.01	105.58 4.61 0.00	84.40 4.22 0.00	57.72 3.63 0.00	50.58 2.99 0.00	45.96 2.17 0.00	47.45 1.69 0.00	44.21 1.65 0.00	42.81 1.69 0.00
NORTHPORT___3 23553	36.93 1.42 0.00	33.03 1.15 0.00	33.25 0.90 0.00	34.52 0.95 0.00	36.86 0.99 0.00	35.20 1.07 0.00	51.85 1.42 0.00	59.25 2.44 0.00	55.48 1.75 0.00	51.53 1.52 0.00	39.40 1.27 0.01	31.03 1.56 6.80	34.44 1.66 4.44	12.47 1.51 28.36	40.47 1.47 8.50	33.95 1.68 19.90	104.71 3.74 0.00	83.72 3.54 0.00	57.13 3.05 0.00	50.13 2.55 0.00	45.56 1.77 0.00	47.16 1.40 0.00	43.95 1.38 0.00	42.53 1.41 0.00
NORTHPORT___4 23650	36.93 1.42 0.00	33.03 1.15 0.00	33.25 0.90 0.00	34.52 0.95 0.00	36.86 0.99 0.00	35.20 1.07 0.00	51.85 1.42 0.00	59.25 2.44 0.00	55.48 1.75 0.00	51.53 1.52 0.00	39.40 1.27 0.01	31.03 1.56 6.80	34.44 1.66 4.44	12.47 1.51 28.36	40.47 1.47 8.50	33.95 1.68 19.90	104.71 3.74 0.00	83.72 3.54 0.00	57.13 3.05 0.00	50.13 2.55 0.00	45.56 1.77 0.00	47.16 1.40 0.00	43.95 1.38 0.00	42.53 1.41 0.00
NORTHPORT___IC 23718	37.17 1.66 0.00	33.25 1.37 0.00	33.46 1.11 0.00	34.74 1.18 0.00	37.14 1.27 0.00	35.53 1.40 0.00	52.30 1.87 0.00	59.82 3.00 0.00	55.97 2.24 0.00	51.87 1.86 0.00	39.57 1.44 0.01	31.20 1.76 6.83	34.63 1.86 4.45	12.52 1.72 28.52	40.72 1.77 8.54	34.27 2.11 20.01	105.58 4.61 0.00	84.42 4.23 0.00	57.72 3.63 0.00	50.57 2.99 0.00	45.96 2.17 0.00	47.46 1.70 0.00	44.21 1.65 0.00	42.81 1.69 0.00
NORTH___COUNTRY_ESR 323785	35.47 -0.05 0.00	31.93 0.05 0.00	32.34 -0.01 0.00	33.76 0.20 0.00	36.27 0.40 0.00	34.50 0.37 0.00	51.09 0.67 0.00	57.47 0.66 0.00	54.76 1.02 0.00	50.76 0.75 0.00	38.75 0.61 0.00	36.83 0.56 0.00	37.78 0.56 0.00	40.58 1.26 0.00	49.46 1.96 0.00	53.70 1.52 0.00	102.66 1.69 0.00	81.02 0.83 0.00	54.69 0.61 0.00	48.37 0.78 0.00	44.52 0.73 0.00	46.76 1.00 0.00	43.56 0.99 0.00	41.88 0.76 0.00
NPX_GEN_1385_PROXY 323591	37.17 1.66 0.00	33.18 1.30 0.00	33.39 1.04 0.00	34.66 1.10 0.00	37.06 1.19 0.00	35.57 1.44 0.00	51.81 1.38 0.00	59.59 2.78 0.00	55.84 2.10 0.00	51.17 1.17 0.00	39.08 0.95 0.01	30.99 1.54 6.83	34.42 1.66 4.45	12.40 1.60 28.52	40.73 1.77 8.54	34.28 2.12 20.01	106.28 5.31 0.00	84.98 4.80 0.00	58.28 4.20 0.00	50.73 3.14 0.00	46.42 2.62 0.00	47.68 1.92 0.00	44.52 1.95 0.00	42.91 1.79 0.00
NPX_GEN_CSC 323557	37.24 1.72 0.00	33.15 1.28 0.00	33.30 0.95 0.00	34.60 1.04 0.00	37.02 1.16 0.00	35.56 1.43 0.00	52.45 2.02 0.00	60.04 3.23 0.00	56.10 2.36 0.00	51.76 1.75 0.00	38.97 0.83 0.01	30.60 1.02 6.69	34.04 1.19 4.36	12.01 0.76 28.06	39.73 0.62 8.40	33.49 1.02 19.71	104.75 3.77 0.00	84.16 3.97 0.00	57.69 3.61 0.00	50.47 2.88 0.00	45.24 1.45 0.00	46.20 0.44 0.00	43.01 0.45 0.00	41.95 0.83 0.00
NSINS_S__GLNS_FALLS 23858	36.46 0.95 0.00	32.66 0.79 0.00	33.30 0.95 0.00	34.70 1.13 0.00	37.12 1.25 0.00	35.28 1.15 0.00	52.44 2.02 0.00	59.68 2.87 0.00	55.90 2.17 0.00	51.20 1.19 0.00	38.53 0.38 0.00	36.61 0.34 0.00	37.93 0.72 0.00	40.46 1.14 0.00	48.91 1.41 0.00	54.24 2.06 0.00	106.93 5.96 0.00	84.75 4.56 0.00	57.37 3.29 0.00	50.38 2.79 0.00	45.94 2.14 0.00	47.85 2.09 0.00	44.22 1.66 0.00	42.83 1.71 0.00
NUCOR_STEEL___DRP 24197	35.41 -0.10 0.00	31.78 -0.09 0.00	32.21 -0.14 0.00	33.39 -0.18 0.00	35.68 -0.19 0.00	33.91 -0.22 0.00	50.15 -0.28 0.00	56.53 -0.28 0.00	53.34 -0.39 0.00	49.76 -0.25 0.00	38.04 -0.10 0.00	36.13 -0.14 0.00	37.05 -0.17 0.00	39.01 -0.31 0.00	47.01 -0.49 0.00	51.71 -0.47 0.00	100.36 -0.61 0.00	80.00 -0.19 0.00	54.11 0.03 0.00	47.53 -0.05 0.00	43.57 -0.22 0.00	45.46 -0.30 0.00	42.32 -0.24 0.00	40.93 -0.19 0.00
NUMBER_THREE_WT_PWR 323818	35.75 0.24 0.00	32.11 0.23 0.00	32.70 0.35 0.00	34.02 0.46 0.00	36.41 0.55 0.00	34.81 0.68 0.00	52.01 1.59 0.00	58.78 1.96 0.00	55.71 1.98 0.00	51.70 1.69 0.00	39.44 1.29 0.00	37.61 1.34 0.00	38.76 1.54 0.00	41.08 1.76 0.00	49.77 2.27 0.00	54.48 2.30 0.00	105.31 4.34 0.00	84.07 3.88 0.00	56.75 2.67 0.00	49.77 2.18 0.00	45.53 1.74 0.00	47.37 1.61 0.00	43.34 0.78 0.00	41.45 0.33 0.00
NYISO_LBMP_REFERENCE 24008	35.52 0.00 0.00	31.88 0.00 0.00	32.35 0.00 0.00	33.57 0.00 0.00	35.87 0.00 0.00	34.13 0.00 0.00	50.42 0.00 0.00	56.81 0.00 0.00	53.74 0.00 0.00	50.01 0.00 0.00	38.14 0.00 0.00	36.27 0.00 0.00	37.22 0.00 0.00	39.32 0.00 0.00	47.50 0.00 0.00	52.18 0.00 0.00	100.97 0.00 0.00	80.18 0.00 0.00	54.08 0.00 0.00	47.59 0.00 0.00	43.79 0.00 0.00	45.76 0.00 0.00	42.56 0.00 0.00	41.12 0.00 0.00

NYPA_BRENTWD____GT 24164	37.51 2.00 0.00	33.51 1.64 0.00	33.72 1.37 0.00	34.99 1.43 0.00	37.42 1.55 0.00	35.85 1.72 0.00	52.90 2.48 0.00	60.52 3.70 0.00	56.62 2.89 0.00	52.44 2.43 0.00	39.91 1.78 0.01	31.76 2.02 6.53	35.11 2.14 4.25	13.78 1.99 27.53	41.40 2.12 8.22	35.44 2.60 19.34	106.20 5.23 0.00	84.62 4.44 0.00	58.23 4.15 0.00	51.18 3.60 0.00	46.44 2.64 0.00	47.90 2.14 0.00	44.60 2.03 0.00	43.15 2.03 0.00
NYPA_GOWANUS____GT5 24156	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.66 1.53 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.86 0.00	38.32 2.06 0.00	39.32 2.10 0.00	41.32 2.00 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.50 5.53 0.00	84.95 4.76 0.00	57.52 3.44 0.00	50.55 2.97 0.00	46.16 2.37 0.00	47.84 2.08 0.00	44.37 1.81 0.00	42.97 1.85 0.00
NYPA_GOWANUS____GT6 24157	37.06 1.55 0.00	33.24 1.36 0.00	33.55 1.21 0.00	34.88 1.31 0.00	37.38 1.51 0.00	35.66 1.53 0.00	52.83 2.41 0.00	60.16 3.35 0.00	56.38 2.65 0.00	52.52 2.51 0.00	40.01 1.86 0.00	38.32 2.06 0.00	39.32 2.10 0.00	41.32 2.00 0.00	49.62 2.12 0.00	54.73 2.56 0.00	106.50 5.53 0.00	84.95 4.76 0.00	57.52 3.44 0.00	50.55 2.97 0.00	46.16 2.37 0.00	47.84 2.08 0.00	44.37 1.81 0.00	42.97 1.85 0.00
NYPA_HARLEM__RVR__GT1 24160	36.90 1.39 0.00	33.09 1.21 0.00	33.37 1.02 0.00	34.70 1.13 0.00	37.21 1.34 0.00	35.51 1.38 0.00	52.63 2.21 0.00	59.90 3.09 0.00	56.13 2.40 0.00	52.21 2.20 0.00	39.76 1.62 0.00	38.07 1.81 0.00	39.06 1.84 0.00	41.06 1.75 0.00	49.34 1.84 0.00	54.51 2.34 0.00	106.08 5.10 0.00	84.61 4.42 0.00	57.15 3.07 0.00	50.25 2.66 0.00	45.90 2.10 0.00	47.54 1.78 0.00	44.09 1.53 0.00	42.70 1.58 0.00
NYPA_HARLEM__RVR__GT2 24161	36.90 1.39 0.00	33.09 1.21 0.00	33.37 1.02 0.00	34.70 1.13 0.00	37.21 1.34 0.00	35.51 1.38 0.00	52.63 2.21 0.00	59.90 3.09 0.00	56.13 2.40 0.00	52.21 2.20 0.00	39.76 1.62 0.00	38.07 1.81 0.00	39.06 1.84 0.00	41.06 1.75 0.00	49.34 1.84 0.00	54.51 2.34 0.00	106.08 5.10 0.00	84.61 4.42 0.00	57.15 3.07 0.00	50.25 2.66 0.00	45.90 2.10 0.00	47.54 1.78 0.00	44.09 1.53 0.00	42.70 1.58 0.00
NYPA_KENT____GT 24152	37.04 1.52 0.00	33.21 1.34 0.00	33.53 1.18 0.00	34.85 1.28 0.00	37.34 1.48 0.00	35.63 1.50 0.00	52.80 2.37 0.00	60.14 3.33 0.00	56.40 2.66 0.00	52.52 2.50 0.00	39.99 1.85 0.00	38.30 2.03 0.00	39.29 2.07 0.00	41.30 1.98 0.00	49.64 2.13 0.00	54.73 2.56 0.00	106.52 5.54 0.00	84.98 4.79 0.00	57.51 3.43 0.00	50.51 2.92 0.00	46.15 2.35 0.00	47.81 2.05 0.00	44.34 1.78 0.00	42.91 1.80 0.00
NYPA_POUCH1____GT 24155	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.69 1.56 0.00	52.82 2.40 0.00	60.06 3.25 0.00	56.29 2.56 0.00	52.39 2.38 0.00	39.98 1.84 0.00	38.29 2.02 0.00	39.28 2.06 0.00	41.27 1.96 0.00	49.54 2.04 0.00	54.61 2.43 0.00	106.20 5.23 0.00	84.68 4.49 0.00	57.36 3.28 0.00	50.47 2.88 0.00	46.12 2.32 0.00	47.80 2.04 0.00	44.37 1.81 0.00	43.01 1.89 0.00
NYPA_VERNON____GT2 24162	36.99 1.47 0.00	33.17 1.29 0.00	33.48 1.13 0.00	34.81 1.24 0.00	37.31 1.44 0.00	35.57 1.44 0.00	52.75 2.32 0.00	60.09 3.28 0.00	56.38 2.64 0.00	52.51 2.50 0.00	39.95 1.80 0.00	38.25 1.99 0.00	39.25 2.03 0.00	41.26 1.94 0.00	49.61 2.11 0.00	54.75 2.57 0.00	106.58 5.61 0.00	85.04 4.86 0.00	57.52 3.44 0.00	50.48 2.89 0.00	46.11 2.31 0.00	47.75 1.99 0.00	44.27 1.71 0.00	42.84 1.72 0.00
NYPA_VERNON____GT3 24163	36.99 1.47 0.00	33.17 1.29 0.00	33.48 1.13 0.00	34.81 1.24 0.00	37.31 1.44 0.00	35.57 1.44 0.00	52.75 2.32 0.00	60.09 3.28 0.00	56.38 2.64 0.00	52.51 2.50 0.00	39.95 1.80 0.00	38.25 1.99 0.00	39.25 2.03 0.00	41.26 1.94 0.00	49.61 2.11 0.00	54.75 2.57 0.00	106.58 5.61 0.00	85.04 4.86 0.00	57.52 3.44 0.00	50.48 2.89 0.00	46.11 2.31 0.00	47.75 1.99 0.00	44.27 1.71 0.00	42.84 1.72 0.00
NYPA__ASTORIA_CC1 323568	36.93 1.42 0.00	33.12 1.25 0.00	33.43 1.09 0.00	34.76 1.19 0.00	37.26 1.39 0.00	35.52 1.39 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.18 1.92 0.00	39.18 1.95 0.00	41.18 1.87 0.00	49.51 2.01 0.00	54.66 2.49 0.00	106.44 5.47 0.00	84.90 4.71 0.00	57.44 3.36 0.00	50.40 2.81 0.00	46.03 2.23 0.00	47.67 1.91 0.00	44.19 1.63 0.00	42.77 1.65 0.00
NYPA__ASTORIA_CC2 323569	36.93 1.42 0.00	33.12 1.25 0.00	33.44 1.09 0.00	34.76 1.19 0.00	37.26 1.39 0.00	35.53 1.40 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.18 1.92 0.00	39.18 1.96 0.00	41.19 1.87 0.00	49.52 2.02 0.00	54.66 2.49 0.00	106.44 5.47 0.00	84.91 4.72 0.00	57.44 3.36 0.00	50.40 2.81 0.00	46.03 2.23 0.00	47.67 1.91 0.00	44.19 1.63 0.00	42.77 1.65 0.00
NYPA__HOLTSVILL 23794	37.20 1.69 0.00	33.24 1.36 0.00	33.43 1.08 0.00	34.70 1.14 0.00	37.11 1.24 0.00	35.58 1.45 0.00	52.44 2.02 0.00	59.99 3.17 0.00	56.10 2.37 0.00	51.91 1.90 0.00	39.44 1.31 0.01	31.13 1.57 6.70	34.54 1.70 4.37	12.69 1.49 28.11	40.60 1.51 8.41	34.36 1.92 19.74	105.49 4.51 0.00	84.31 4.12 0.00	57.72 3.64 0.00	50.66 3.07 0.00	45.85 2.06 0.00	47.22 1.47 0.00	43.98 1.42 0.00	42.62 1.50 0.00
NYPA__HELLGATE_GT1 24158	36.90 1.39 0.00	33.09 1.21 0.00	33.37 1.02 0.00	34.70 1.13 0.00	37.21 1.34 0.00	35.51 1.38 0.00	52.63 2.21 0.00	59.90 3.09 0.00	56.13 2.40 0.00	52.21 2.20 0.00	39.76 1.62 0.00	38.07 1.81 0.00	39.06 1.84 0.00	41.06 1.75 0.00	49.34 1.84 0.00	54.52 2.34 0.00	106.10 5.13 0.00	84.61 4.42 0.00	57.15 3.07 0.00	50.26 2.67 0.00	45.90 2.10 0.00	47.54 1.78 0.00	44.09 1.53 0.00	42.70 1.58 0.00
NYPA__HELLGATE_GT2 24159	36.90 1.39 0.00	33.09 1.21 0.00	33.37 1.02 0.00	34.70 1.13 0.00	37.21 1.34 0.00	35.51 1.38 0.00	52.63 2.21 0.00	59.90 3.09 0.00	56.13 2.40 0.00	52.21 2.20 0.00	39.76 1.62 0.00	38.07 1.81 0.00	39.06 1.84 0.00	41.06 1.75 0.00	49.34 1.84 0.00	54.52 2.34 0.00	106.10 5.13 0.00	84.61 4.42 0.00	57.15 3.07 0.00	50.26 2.67 0.00	45.90 2.10 0.00	47.54 1.78 0.00	44.09 1.53 0.00	42.70 1.58 0.00
NYS_BARGE__HYD 23848	34.95 -0.56 0.00	31.27 -0.61 0.00	31.48 -0.87 0.00	32.51 -1.06 0.00	34.72 -1.15 0.00	33.47 -0.66 0.00	48.69 -1.73 0.00	54.28 -2.53 0.00	51.79 -1.95 0.00	48.98 -1.03 0.00	37.99 -0.15 0.00	35.80 -0.47 0.00	36.43 -0.79 0.00	37.97 -1.35 0.00	45.08 -2.42 0.00	49.23 -2.94 0.00	94.51 -6.46 0.00	75.43 -4.76 0.00	50.26 -3.82 0.00	44.06 -3.53 0.00	40.45 -3.34 0.00	43.03 -2.73 0.00	40.81 -1.75 0.00	39.99 -1.13 0.00

OAK ORCHARD___HYD 24046	35.07 -0.45 0.00	31.41 -0.47 0.00	31.72 -0.63 0.00	32.83 -0.73 0.00	35.07 -0.80 0.00	33.70 -0.43 0.00	49.46 -0.97 0.00	55.55 -1.26 0.00	52.75 -0.99 0.00	49.59 -0.42 0.00	38.23 0.08 0.00	36.17 -0.10 0.00	36.94 -0.28 0.00	38.69 -0.62 0.00	46.23 -1.27 0.00	50.66 -1.52 0.00	97.69 -3.27 0.00	77.87 -2.31 0.00	52.18 -1.90 0.00	45.78 -1.81 0.00	41.98 -1.81 0.00	44.26 -1.50 0.00	41.53 -1.03 0.00	40.41 -0.71 0.00
OAKDALE___35_KV_LOAD 356122	35.56 0.04 0.00	31.95 0.07 0.00	32.39 0.04 0.00	33.55 -0.01 0.00	35.86 -0.02 0.00	34.16 0.03 0.00	50.57 0.15 0.00	57.29 0.48 0.00	53.84 0.11 0.00	50.36 0.35 0.00	38.40 0.26 0.00	36.47 0.20 0.00	37.46 0.24 0.00	39.33 0.01 0.00	47.44 -0.06 0.00	52.33 0.15 0.00	101.20 0.23 0.00	80.62 0.43 0.00	54.41 0.33 0.00	47.74 0.16 0.00	43.68 -0.11 0.00	45.56 -0.19 0.00	42.37 -0.19 0.00	41.04 -0.08 0.00
OCC_CHEM___DRP 24175	34.29 -1.23 0.00	30.68 -1.20 0.00	30.88 -1.47 0.00	31.90 -1.66 0.00	34.01 -1.86 0.00	32.83 -1.30 0.00	47.62 -2.80 0.00	52.92 -3.89 0.00	50.49 -3.25 0.00	47.77 -2.24 0.00	37.08 -1.07 0.00	34.89 -1.38 0.00	35.52 -1.70 0.00	36.98 -2.34 0.00	43.86 -3.64 0.00	47.89 -4.29 0.00	91.82 -9.15 0.00	73.25 -6.93 0.00	48.79 -5.29 0.00	42.80 -4.79 0.00	39.37 -4.42 0.00	41.96 -3.80 0.00	39.91 -2.65 0.00	39.18 -1.93 0.00
OH_GEN_PROXY 24063	34.37 -1.14 0.00	30.78 -1.10 0.00	30.99 -1.36 0.00	32.04 -1.53 0.00	34.18 -1.69 0.00	32.95 -1.19 0.00	47.88 -2.55 0.00	53.39 -3.43 0.00	50.84 -2.89 0.00	48.08 -1.93 0.00	37.27 -0.87 0.00	35.13 -1.13 0.00	35.78 -1.44 0.00	37.28 -2.04 0.00	44.27 -3.24 0.00	48.36 -3.82 0.00	92.74 -8.24 0.00	74.00 -6.18 0.00	49.36 -4.72 0.00	43.30 -4.29 0.00	39.77 -4.02 0.00	42.31 -3.45 0.00	40.13 -2.43 0.00	39.36 -1.76 0.00
OLIN_CORP_DRP 24177	34.23 -1.28 0.00	30.64 -1.24 0.00	30.84 -1.51 0.00	31.87 -1.69 0.00	34.04 -1.83 0.00	32.78 -1.35 0.00	47.56 -2.87 0.00	52.86 -3.95 0.00	50.43 -3.31 0.00	47.71 -2.30 0.00	37.03 -1.11 0.00	34.85 -1.42 0.00	35.48 -1.75 0.00	36.93 -2.39 0.00	43.82 -3.68 0.00	47.85 -4.32 0.00	91.77 -9.21 0.00	73.21 -6.98 0.00	48.76 -5.32 0.00	42.77 -4.82 0.00	39.33 -4.47 0.00	41.91 -3.85 0.00	39.86 -2.70 0.00	39.13 -1.99 0.00
OLIN_CORP_DSASP 323712	34.28 -1.23 0.00	30.68 -1.20 0.00	30.88 -1.46 0.00	31.90 -1.66 0.00	34.01 -1.86 0.00	32.83 -1.30 0.00	47.63 -2.80 0.00	52.92 -3.90 0.00	50.49 -3.25 0.00	47.77 -2.24 0.00	37.07 -1.07 0.00	34.89 -1.38 0.00	35.50 -1.72 0.00	36.98 -2.34 0.00	43.86 -3.64 0.00	47.89 -4.29 0.00	91.84 -9.13 0.00	73.27 -6.92 0.00	48.80 -5.28 0.00	42.80 -4.78 0.00	39.36 -4.43 0.00	41.97 -3.79 0.00	39.90 -2.66 0.00	39.18 -1.93 0.00
ONEIDA_HERK_LFGE 323681	36.14 0.63 0.00	32.43 0.56 0.00	32.96 0.61 0.00	34.23 0.66 0.00	36.61 0.74 0.00	34.96 0.82 0.00	52.00 1.58 0.00	58.78 1.97 0.00	55.59 1.85 0.00	51.62 1.61 0.00	39.35 1.21 0.00	37.44 1.17 0.00	38.55 1.33 0.00	40.73 1.41 0.00	49.25 1.75 0.00	54.11 1.93 0.00	104.83 3.86 0.00	83.48 3.30 0.00	56.32 2.24 0.00	49.45 1.87 0.00	45.31 1.52 0.00	47.19 1.43 0.00	43.54 0.98 0.00	41.85 0.73 0.00
ONEIDA___115KV_TB4 55905	36.38 0.86 0.00	32.66 0.78 0.00	33.16 0.81 0.00	34.38 0.82 0.00	36.79 0.92 0.00	35.13 1.00 0.00	52.16 1.73 0.00	58.99 2.17 0.00	55.68 1.95 0.00	51.79 1.78 0.00	39.46 1.32 0.00	37.51 1.24 0.00	38.61 1.38 0.00	40.70 1.39 0.00	49.14 1.64 0.00	54.13 1.95 0.00	104.85 3.88 0.00	83.26 3.08 0.00	56.14 2.06 0.00	49.27 1.68 0.00	45.18 1.38 0.00	47.04 1.29 0.00	43.58 1.02 0.00	42.03 0.91 0.00
ONONDAGA_REF_OCCRA 23987	35.20 -0.32 0.00	31.59 -0.29 0.00	32.03 -0.31 0.00	33.19 -0.37 0.00	35.46 -0.41 0.00	33.85 -0.28 0.00	50.11 -0.31 0.00	56.64 -0.17 0.00	53.44 -0.30 0.00	49.84 -0.17 0.00	38.05 -0.10 0.00	36.17 -0.10 0.00	37.11 -0.11 0.00	39.08 -0.24 0.00	47.12 -0.38 0.00	51.87 -0.31 0.00	100.45 -0.52 0.00	79.95 -0.23 0.00	53.89 -0.19 0.00	47.30 -0.28 0.00	43.38 -0.41 0.00	45.28 -0.48 0.00	42.10 -0.47 0.00	40.70 -0.42 0.00
ONONDAGA___COGEN 23986	35.06 -0.45 0.00	31.47 -0.41 0.00	31.91 -0.44 0.00	33.06 -0.50 0.00	35.31 -0.56 0.00	33.77 -0.36 0.00	49.95 -0.47 0.00	56.43 -0.38 0.00	53.27 -0.47 0.00	49.67 -0.34 0.00	37.93 -0.21 0.00	36.03 -0.23 0.00	36.96 -0.26 0.00	38.95 -0.37 0.00	46.96 -0.54 0.00	51.61 -0.57 0.00	99.81 -1.16 0.00	79.45 -0.74 0.00	53.57 -0.51 0.00	47.05 -0.54 0.00	43.16 -0.63 0.00	45.07 -0.69 0.00	41.93 -0.64 0.00	40.53 -0.59 0.00
ONTARIO___LFGE 23819	35.61 0.10 0.00	31.96 0.08 0.00	32.32 -0.03 0.00	33.40 -0.16 0.00	35.69 -0.18 0.00	34.21 0.08 0.00	50.46 0.04 0.00	56.99 0.18 0.00	53.83 0.09 0.00	50.55 0.54 0.00	38.93 0.79 0.00	36.85 0.58 0.00	37.73 0.51 0.00	39.44 0.12 0.00	47.28 -0.22 0.00	52.11 -0.07 0.00	100.56 -0.42 0.00	80.29 0.10 0.00	53.95 -0.13 0.00	47.25 -0.33 0.00	43.15 -0.64 0.00	45.12 -0.64 0.00	42.15 -0.41 0.00	41.00 -0.12 0.00
ORANGEVILLE_WT_PWR 323706	35.17 -0.35 0.00	31.52 -0.35 0.00	31.77 -0.58 0.00	32.69 -0.88 0.00	34.87 -1.00 0.00	33.57 -0.56 0.00	49.14 -1.29 0.00	55.20 -1.62 0.00	52.46 -1.28 0.00	49.58 -0.44 0.00	38.38 0.24 0.00	36.24 -0.03 0.00	36.93 -0.29 0.00	38.41 -0.90 0.00	45.79 -1.71 0.00	50.25 -1.93 0.00	96.47 -4.50 0.00	76.77 -3.41 0.00	51.24 -2.84 0.00	44.73 -2.86 0.00	40.82 -2.97 0.00	43.15 -2.61 0.00	40.72 -1.84 0.00	39.87 -1.25 0.00
ORANGEVILLE___ESR 323794	35.17 -0.35 0.00	31.52 -0.35 0.00	31.77 -0.58 0.00	32.69 -0.88 0.00	34.87 -1.00 0.00	33.57 -0.56 0.00	49.14 -1.29 0.00	55.20 -1.62 0.00	52.46 -1.28 0.00	49.58 -0.44 0.00	38.38 0.24 0.00	36.24 -0.03 0.00	36.93 -0.29 0.00	38.41 -0.90 0.00	45.79 -1.71 0.00	50.25 -1.93 0.00	96.47 -4.50 0.00	76.77 -3.41 0.00	51.24 -2.84 0.00	44.73 -2.86 0.00	40.82 -2.97 0.00	43.15 -2.61 0.00	40.72 -1.84 0.00	39.87 -1.25 0.00
OSWEGATCHIE___HYD 24044	35.63 0.12 0.00	31.99 0.11 0.00	32.52 0.17 0.00	33.85 0.29 0.00	36.30 0.43 0.00	34.67 0.54 0.00	52.04 1.61 0.00	58.81 2.00 0.00	55.81 2.07 0.00	51.68 1.67 0.00	39.44 1.30 0.00	37.64 1.37 0.00	38.70 1.48 0.00	41.22 1.91 0.00	50.02 2.52 0.00	54.66 2.48 0.00	105.53 4.56 0.00	83.99 3.81 0.00	56.66 2.58 0.00	49.75 2.16 0.00	45.52 1.73 0.00	47.57 1.81 0.00	43.60 1.04 0.00	41.59 0.47 0.00
OSWEGO___5 23606	34.47 -1.05 0.00	30.94 -0.93 0.00	31.38 -0.97 0.00	32.52 -1.04 0.00	34.75 -1.11 0.00	33.16 -0.97 0.00	48.97 -1.45 0.00	55.25 -1.56 0.00	52.20 -1.54 0.00	48.66 -1.35 0.00	37.16 -0.99 0.00	35.30 -0.97 0.00	36.22 -1.00 0.00	38.19 -1.13 0.00	46.05 -1.45 0.00	50.62 -1.56 0.00	98.05 -2.92 0.00	77.99 -2.20 0.00	52.58 -1.50 0.00	46.20 -1.39 0.00	42.42 -1.38 0.00	44.31 -1.45 0.00	41.22 -1.34 0.00	39.86 -1.26 0.00

OSWEGO___6 23613	34.47 -1.05 0.00	30.94 -0.93 0.00	31.38 -0.97 0.00	32.52 -1.04 0.00	34.75 -1.11 0.00	33.16 -0.97 0.00	48.97 -1.45 0.00	55.25 -1.56 0.00	52.20 -1.54 0.00	48.66 -1.35 0.00	37.16 -0.99 0.00	35.30 -0.97 0.00	36.22 -1.00 0.00	38.19 -1.13 0.00	46.05 -1.45 0.00	50.62 -1.56 0.00	98.05 -2.92 0.00	77.99 -2.20 0.00	52.58 -1.50 0.00	46.20 -1.39 0.00	42.42 -1.38 0.00	44.31 -1.45 0.00	41.22 -1.34 0.00	39.86 -1.26 0.00
OUTOKUMPU-AB___DRP 24206	35.19 -0.33 0.00	31.48 -0.40 0.00	31.67 -0.68 0.00	32.71 -0.86 0.00	34.88 -0.99 0.00	33.66 -0.47 0.00	48.97 -1.45 0.00	54.61 -2.21 0.00	52.10 -1.64 0.00	49.27 -0.74 0.00	38.22 0.08 0.00	36.01 -0.26 0.00	36.66 -0.56 0.00	38.20 -1.12 0.00	45.36 -2.14 0.00	49.54 -2.64 0.00	95.03 -5.94 0.00	75.84 -4.34 0.00	50.52 -3.56 0.00	44.29 -3.29 0.00	40.68 -3.11 0.00	43.25 -2.51 0.00	41.02 -1.54 0.00	40.21 -0.91 0.00
OXBOW___BTM 323836	34.81 -0.70 0.00	31.13 -0.74 0.00	31.34 -1.01 0.00	32.37 -1.19 0.00	34.51 -1.36 0.00	33.31 -0.82 0.00	48.41 -2.01 0.00	53.89 -2.93 0.00	51.43 -2.31 0.00	48.65 -1.36 0.00	37.74 -0.40 0.00	35.54 -0.72 0.00	36.16 -1.06 0.00	37.69 -1.63 0.00	44.73 -2.77 0.00	48.84 -3.34 0.00	93.70 -7.27 0.00	74.77 -5.41 0.00	49.80 -4.28 0.00	43.67 -3.91 0.00	40.13 -3.67 0.00	42.73 -3.03 0.00	40.55 -2.01 0.00	39.78 -1.34 0.00
OXBOW____ 24026	34.81 -0.71 0.00	31.13 -0.74 0.00	31.34 -1.01 0.00	32.37 -1.19 0.00	34.51 -1.36 0.00	33.31 -0.82 0.00	48.41 -2.01 0.00	53.89 -2.92 0.00	51.43 -2.31 0.00	48.65 -1.36 0.00	37.75 -0.39 0.00	35.54 -0.73 0.00	36.18 -1.04 0.00	37.69 -1.63 0.00	44.73 -2.78 0.00	48.84 -3.34 0.00	93.70 -7.27 0.00	74.76 -5.43 0.00	49.80 -4.28 0.00	43.67 -3.91 0.00	40.13 -3.66 0.00	42.72 -3.04 0.00	40.56 -2.00 0.00	39.78 -1.34 0.00
OXY_CHEM_DSASP 323612	34.29 -1.23 0.00	30.68 -1.20 0.00	30.88 -1.47 0.00	31.90 -1.66 0.00	34.01 -1.86 0.00	32.83 -1.30 0.00	47.62 -2.80 0.00	52.92 -3.89 0.00	50.49 -3.25 0.00	47.77 -2.24 0.00	37.08 -1.07 0.00	34.89 -1.38 0.00	35.52 -1.70 0.00	36.98 -2.34 0.00	43.86 -3.64 0.00	47.89 -4.29 0.00	91.82 -9.15 0.00	73.25 -6.93 0.00	48.79 -5.29 0.00	42.80 -4.79 0.00	39.37 -4.42 0.00	41.96 -3.80 0.00	39.91 -2.65 0.00	39.18 -1.93 0.00
OZONE_PARK_ESR 323760	37.21 1.69 0.00	33.35 1.47 0.00	33.66 1.31 0.00	34.99 1.42 0.00	37.50 1.63 0.00	35.77 1.64 0.00	53.08 2.65 0.00	60.53 3.72 0.00	56.78 3.04 0.00	52.88 2.87 0.00	40.20 2.05 0.00	38.51 2.24 0.00	39.50 2.28 0.00	41.54 2.22 0.00	49.93 2.43 0.00	55.17 2.99 0.00	107.41 6.44 0.00	85.75 5.57 0.00	57.99 3.91 0.00	50.87 3.29 0.00	46.43 2.64 0.00	48.12 2.36 0.00	44.60 2.04 0.00	43.12 2.00 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	34.29 -1.23 0.00	30.68 -1.20 0.00	30.88 -1.47 0.00	31.90 -1.66 0.00	34.01 -1.86 0.00	32.83 -1.30 0.00	47.62 -2.80 0.00	52.92 -3.89 0.00	50.49 -3.25 0.00	47.77 -2.24 0.00	37.08 -1.07 0.00	34.89 -1.38 0.00	35.52 -1.70 0.00	36.98 -2.34 0.00	43.86 -3.64 0.00	47.89 -4.29 0.00	91.82 -9.15 0.00	73.25 -6.93 0.00	48.79 -5.29 0.00	42.80 -4.79 0.00	39.37 -4.42 0.00	41.96 -3.80 0.00	39.91 -2.65 0.00	39.18 -1.93 0.00
PACKARD__115KV_DUPONT_184 80571	34.29 -1.23 0.00	30.68 -1.20 0.00	30.88 -1.47 0.00	31.90 -1.66 0.00	34.01 -1.86 0.00	32.83 -1.30 0.00	47.62 -2.80 0.00	52.92 -3.89 0.00	50.49 -3.25 0.00	47.77 -2.24 0.00	37.08 -1.07 0.00	34.89 -1.38 0.00	35.52 -1.70 0.00	36.98 -2.34 0.00	43.86 -3.64 0.00	47.89 -4.29 0.00	91.82 -9.15 0.00	73.25 -6.93 0.00	48.79 -5.29 0.00	42.80 -4.79 0.00	39.37 -4.42 0.00	41.96 -3.80 0.00	39.91 -2.65 0.00	39.18 -1.93 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	36.93 1.42 0.00	33.12 1.25 0.00	33.42 1.07 0.00	34.75 1.19 0.00	37.25 1.38 0.00	35.53 1.40 0.00	52.69 2.26 0.00	59.98 3.16 0.00	56.22 2.49 0.00	52.31 2.30 0.00	39.82 1.68 0.00	38.12 1.85 0.00	39.09 1.88 0.00	41.12 1.80 0.00	49.42 1.92 0.00	54.60 2.43 0.00	106.32 5.35 0.00	84.78 4.60 0.00	57.31 3.23 0.00	50.36 2.77 0.00	45.97 2.18 0.00	47.64 1.88 0.00	44.17 1.61 0.00	42.76 1.64 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	37.00 1.49 0.00	33.20 1.33 0.00	33.50 1.15 0.00	34.83 1.27 0.00	37.35 1.48 0.00	35.72 1.59 0.00	53.03 2.60 0.00	60.25 3.43 0.00	56.42 2.69 0.00	52.45 2.44 0.00	39.91 1.77 0.00	38.19 1.92 0.00	39.16 1.94 0.00	41.19 1.87 0.00	49.47 1.97 0.00	54.72 2.54 0.00	106.56 5.59 0.00	84.98 4.79 0.00	57.42 3.34 0.00	50.48 2.89 0.00	46.07 2.28 0.00	47.73 1.97 0.00	44.26 1.70 0.00	42.84 1.72 0.00
PATROON__115KV_TB1 80586	35.93 0.42 0.00	32.25 0.37 0.00	32.77 0.42 0.00	34.00 0.44 0.00	36.34 0.47 0.00	34.64 0.51 0.00	51.30 0.88 0.00	58.21 1.40 0.00	54.64 0.90 0.00	50.53 0.51 0.00	38.24 0.10 0.00	36.44 0.17 0.00	37.47 0.25 0.00	39.70 0.39 0.00	48.01 0.51 0.00	53.08 0.91 0.00	103.85 2.87 0.00	82.49 2.30 0.00	55.73 1.66 0.00	48.95 1.36 0.00	44.78 0.99 0.00	46.56 0.80 0.00	43.18 0.62 0.00	41.71 0.59 0.00
PATTRSNVILLE___SOLAR 323815	36.52 1.01 0.00	32.74 0.87 0.00	33.26 0.91 0.00	34.54 0.97 0.00	36.92 1.05 0.00	35.13 1.01 0.00	52.07 1.64 0.00	58.94 2.12 0.00	55.42 1.68 0.00	51.37 1.36 0.00	38.92 0.78 0.00	36.90 0.63 0.00	37.99 0.77 0.00	40.34 1.02 0.00	48.87 1.37 0.00	53.88 1.70 0.00	104.82 3.85 0.00	83.34 3.16 0.00	56.27 2.19 0.00	49.43 1.84 0.00	45.31 1.51 0.00	47.23 1.47 0.00	43.83 1.27 0.00	42.33 1.21 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	35.54 0.03 0.00	31.82 -0.06 0.00	32.04 -0.31 0.00	33.11 -0.45 0.00	35.33 -0.54 0.00	34.04 -0.09 0.00	49.53 -0.89 0.00	55.62 -1.20 0.00	52.78 -0.96 0.00	49.94 -0.07 0.00	38.72 0.57 0.00	36.61 0.34 0.00	37.39 0.17 0.00	38.93 -0.39 0.00	46.29 -1.21 0.00	50.58 -1.59 0.00	96.80 -4.18 0.00	77.17 -3.01 0.00	51.55 -2.53 0.00	45.19 -2.40 0.00	41.40 -2.39 0.00	43.90 -1.86 0.00	41.58 -0.98 0.00	40.71 -0.41 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	37.17 1.65 0.00	33.31 1.43 0.00	33.68 1.33 0.00	35.00 1.43 0.00	37.48 1.62 0.00	35.76 1.63 0.00	53.07 2.65 0.00	60.48 3.66 0.00	56.68 2.94 0.00	52.64 2.63 0.00	39.93 1.79 0.00	38.17 1.90 0.00	39.21 1.99 0.00	41.29 1.97 0.00	49.79 2.28 0.00	55.07 2.89 0.00	107.42 6.45 0.00	85.69 5.50 0.00	57.97 3.89 0.00	50.85 3.26 0.00	46.39 2.60 0.00	48.08 2.32 0.00	44.56 1.99 0.00	43.05 1.93 0.00
PEEKSKILL____ 23653	36.71 1.20 0.00	32.93 1.06 0.00	33.29 0.94 0.00	34.59 1.02 0.00	37.05 1.18 0.00	35.32 1.18 0.00	52.31 1.89 0.00	59.56 2.75 0.00	55.83 2.09 0.00	51.93 1.92 0.00	39.45 1.31 0.00	37.76 1.49 0.00	38.74 1.53 0.00	40.75 1.44 0.00	49.06 1.56 0.00	54.23 2.05 0.00	105.60 4.63 0.00	84.26 4.07 0.00	57.02 2.94 0.00	50.02 2.43 0.00	45.64 1.85 0.00	47.31 1.56 0.00	43.91 1.35 0.00	42.50 1.38 0.00

PGE MADISON___WINDPWR 24146	38.38 2.87 0.00	34.47 2.59 0.00	34.81 2.46 0.00	36.20 2.63 0.00	38.67 2.80 0.00	37.17 3.04 0.00	56.10 5.67 0.00	68.36 11.55 0.00	61.95 8.21 0.00	57.06 7.05 0.00	42.77 4.63 0.00	40.98 4.72 0.00	42.48 5.25 0.00	44.93 5.61 0.00	54.41 6.91 0.00	60.06 7.88 0.00	114.29 13.32 0.00	89.13 8.95 0.00	60.21 6.13 0.00	52.83 5.25 0.00	48.28 4.48 0.00	50.14 4.39 0.00	46.09 3.53 0.00	43.95 2.83 0.00
PIERCEFIELD___HYD 23852	36.17 0.65 0.00	32.47 0.60 0.00	32.95 0.60 0.00	34.35 0.78 0.00	36.85 0.99 0.00	35.09 0.96 0.00	52.80 2.37 0.00	59.68 2.87 0.00	56.68 2.94 0.00	52.42 2.41 0.00	40.03 1.89 0.00	38.17 1.90 0.00	39.21 1.99 0.00	41.94 2.62 0.00	50.95 3.45 0.00	55.56 3.38 0.00	107.12 6.15 0.00	85.08 4.89 0.00	57.37 3.29 0.00	50.43 2.85 0.00	46.17 2.37 0.00	48.45 2.70 0.00	44.50 1.94 0.00	42.44 1.32 0.00
PINELAWN_CC_1 323563	37.29 1.77 0.00	33.34 1.47 0.00	33.34 1.00 0.00	34.56 0.99 0.00	36.95 1.08 0.00	35.36 1.23 0.00	52.18 1.76 0.00	59.66 2.85 0.00	55.82 2.08 0.00	51.84 1.83 0.00	39.50 1.36 0.00	32.14 1.57 5.69	35.18 1.66 3.70	16.01 1.47 24.78	41.63 1.45 7.33	36.58 1.88 17.47	105.19 4.22 0.00	83.91 3.72 0.00	57.34 3.26 0.00	50.45 2.86 0.00	45.81 2.02 0.00	47.44 1.68 0.00	44.47 1.91 0.00	42.99 1.87 0.00
PJM_GEN_HTP_PROXY 323702	36.89 1.37 0.00	33.07 1.19 0.00	33.39 1.04 0.00	34.72 1.16 0.00	37.21 1.34 0.00	35.50 1.37 0.00	52.64 2.22 0.00	60.04 3.23 0.00	56.34 2.61 0.00	52.49 2.48 0.00	39.91 1.77 0.00	38.25 1.98 0.00	39.25 2.03 0.00	41.27 1.95 0.00	50.29 2.14 -0.65	54.79 2.62 0.00	106.70 5.73 0.00	85.12 4.94 0.00	57.55 3.47 0.00	50.45 2.87 0.00	46.05 2.26 0.00	47.69 1.94 0.00	44.21 1.65 0.00	42.75 1.63 0.00
PJM_GEN_KEystone 24065	35.52 0.01 0.00	31.88 0.00 0.00	32.19 -0.15 0.00	33.41 -0.15 0.00	35.75 -0.12 0.00	34.15 0.02 0.00	50.16 -0.26 0.00	56.84 0.03 0.00	53.47 -0.27 0.00	50.15 0.14 0.00	38.43 0.29 0.00	36.72 0.45 0.00	41.26 0.42 -3.62	32.05 0.06 7.33	47.82 -0.33 -0.65	51.85 -0.33 0.00	99.98 -0.99 0.00	79.76 -0.42 0.00	53.81 -0.27 -2.99	50.23 -0.35 0.00	43.13 -0.66 0.00	45.06 -0.70 0.00	42.18 -0.38 0.00	41.06 -0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.88 1.36 0.00	33.02 1.14 0.00	33.25 0.90 0.00	34.54 0.97 0.00	36.95 1.07 0.00	35.31 1.18 0.00	52.14 1.71 0.00	59.55 2.74 0.00	55.78 2.04 0.00	51.83 1.82 0.00	39.53 1.41 0.02	30.51 1.62 7.37	34.11 1.71 4.82	10.56 1.55 30.31	40.57 1.54 8.48	32.83 1.89 21.23	105.20 4.23 0.00	84.13 3.94 0.00	57.35 3.27 0.00	50.30 2.71 0.00	45.74 1.95 0.00	47.33 1.57 0.00	44.02 1.46 0.00	42.59 1.47 0.00
PJM_GEN_VFT_PROXY 323633	36.67 1.16 0.00	32.89 1.02 0.00	33.21 0.86 0.00	34.52 0.95 0.00	37.01 1.15 0.00	35.29 1.16 0.00	52.29 1.87 0.00	59.57 2.76 0.00	55.86 2.12 0.00	52.04 2.03 0.00	39.56 1.42 0.00	37.93 1.66 0.00	38.91 1.69 0.00	40.90 1.58 0.00	49.83 1.67 -0.65	54.29 2.11 0.00	105.65 4.68 0.00	84.33 4.15 0.00	57.05 2.97 0.00	50.04 2.46 0.00	45.67 1.88 0.00	47.32 1.56 0.00	43.88 1.31 0.00	42.46 1.35 0.00
PLATSBURG_115KV_PMLD1 355749	35.67 0.16 0.00	32.12 0.24 0.00	32.56 0.21 0.00	34.06 0.49 0.00	36.54 0.68 0.00	34.85 0.72 0.00	51.60 1.17 0.00	58.18 1.37 0.00	55.24 1.51 0.00	51.13 1.12 0.00	39.01 0.86 0.00	37.13 0.86 0.00	38.14 0.92 0.00	40.97 1.66 0.00	49.93 2.43 0.00	54.10 1.93 0.00	103.19 2.21 0.00	81.13 0.94 0.00	54.94 0.86 0.00	48.72 1.13 0.00	44.72 0.92 0.00	46.95 1.19 0.00	43.72 1.15 0.00	42.18 1.06 0.00
PLEASANTVLY___LBMP 24000	36.60 1.08 0.00	32.82 0.94 0.00	33.20 0.85 0.00	34.49 0.93 0.00	36.92 1.05 0.00	35.18 1.05 0.00	52.11 1.68 0.00	59.33 2.52 0.00	55.62 1.88 0.00	51.66 1.65 0.00	39.21 1.07 0.00	37.48 1.22 0.00	38.46 1.24 0.00	40.53 1.21 0.00	48.83 1.33 0.00	54.01 1.83 0.00	105.33 4.36 0.00	83.99 3.81 0.00	56.82 2.74 0.00	49.85 2.27 0.00	45.51 1.72 0.00	47.21 1.45 0.00	43.79 1.23 0.00	42.37 1.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.83 1.31 0.00	33.02 1.15 0.00	33.37 1.02 0.00	34.68 1.12 0.00	37.14 1.27 0.00	35.41 1.28 0.00	52.46 2.03 0.00	59.76 2.95 0.00	56.02 2.28 0.00	52.10 2.09 0.00	39.57 1.43 0.00	37.86 1.59 0.00	38.85 1.63 0.00	40.88 1.56 0.00	49.23 1.73 0.00	54.40 2.22 0.00	106.03 5.05 0.00	84.59 4.40 0.00	57.24 3.16 0.00	50.21 2.63 0.00	45.82 2.03 0.00	47.50 1.74 0.00	44.08 1.52 0.00	42.63 1.51 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.83 1.31 0.00	33.02 1.15 0.00	33.37 1.02 0.00	34.68 1.12 0.00	37.14 1.27 0.00	35.41 1.28 0.00	52.46 2.03 0.00	59.76 2.95 0.00	56.02 2.28 0.00	52.10 2.09 0.00	39.57 1.43 0.00	37.86 1.59 0.00	38.85 1.63 0.00	40.88 1.56 0.00	49.23 1.73 0.00	54.40 2.22 0.00	106.03 5.05 0.00	84.59 4.40 0.00	57.24 3.16 0.00	50.21 2.63 0.00	45.82 2.03 0.00	47.50 1.74 0.00	44.08 1.52 0.00	42.63 1.51 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.07 1.55 0.00	33.23 1.36 0.00	33.60 1.25 0.00	34.92 1.36 0.00	37.39 1.52 0.00	35.66 1.53 0.00	52.88 2.46 0.00	60.26 3.45 0.00	56.49 2.75 0.00	52.41 2.40 0.00	39.73 1.59 0.00	37.93 1.67 0.00	38.87 1.65 0.00	40.98 1.66 0.00	49.48 1.97 0.00	54.75 2.57 0.00	106.91 5.94 0.00	85.27 5.08 0.00	57.69 3.60 0.00	50.59 3.01 0.00	46.17 2.38 0.00	47.88 2.12 0.00	44.38 1.82 0.00	42.88 1.76 0.00
POLETTI___ 23519	36.72 1.20 0.00	32.93 1.05 0.00	33.24 0.89 0.00	34.55 0.99 0.00	37.04 1.17 0.00	35.31 1.18 0.00	52.36 1.94 0.00	59.66 2.85 0.00	55.98 2.24 0.00	52.22 2.21 0.00	39.64 1.50 0.00	37.98 1.72 0.00	38.96 1.74 0.00	40.98 1.66 0.00	49.27 1.76 0.00	54.40 2.22 0.00	105.94 4.96 0.00	84.55 4.37 0.00	57.19 3.11 0.00	50.16 2.57 0.00	45.79 2.00 0.00	47.45 1.69 0.00	43.97 1.41 0.00	42.56 1.44 0.00
POMONA___ESR 323819	36.71 1.19 0.00	32.95 1.07 0.00	33.30 0.95 0.00	34.61 1.05 0.00	37.07 1.20 0.00	35.32 1.19 0.00	52.28 1.85 0.00	59.52 2.71 0.00	55.77 2.03 0.00	51.88 1.87 0.00	39.44 1.30 0.00	37.78 1.51 0.00	38.75 1.53 0.00	40.74 1.43 0.00	49.02 1.52 0.00	54.17 1.99 0.00	105.41 4.44 0.00	84.14 3.95 0.00	56.92 2.85 0.00	49.95 2.36 0.00	45.56 1.77 0.00	47.25 1.49 0.00	43.86 1.29 0.00	42.48 1.36 0.00
PORT_JEFF_3 23555	37.34 1.82 0.00	33.35 1.47 0.00	33.54 1.18 0.00	34.81 1.24 0.00	37.22 1.35 0.00	35.70 1.57 0.00	52.66 2.24 0.00	60.25 3.44 0.00	56.34 2.60 0.00	52.13 2.12 0.00	39.57 1.44 0.01	31.27 1.69 6.69	34.67 1.81 4.36	12.88 1.61 28.05	40.78 1.67 8.39	34.59 2.11 19.70	105.80 4.83 0.00	84.46 4.28 0.00	57.84 3.76 0.00	50.91 3.33 0.00	46.06 2.27 0.00	47.42 1.66 0.00	44.15 1.59 0.00	42.77 1.65 0.00

PORT_JEFF_4 23616	37.34 1.82 0.00	33.35 1.47 0.00	33.54 1.18 0.00	34.81 1.24 0.00	37.22 1.35 0.00	35.70 1.57 0.00	52.66 2.24 0.00	60.25 3.44 0.00	56.34 2.60 0.00	52.13 2.12 0.00	39.57 1.44 0.01	31.27 1.69 6.69	34.67 1.81 4.36	12.88 1.61 28.05	40.78 1.67 8.39	34.59 2.11 19.70	105.80 4.83 0.00	84.46 4.28 0.00	57.84 3.76 0.00	50.91 3.33 0.00	46.06 2.27 0.00	47.42 1.66 0.00	44.15 1.59 0.00	42.77 1.65 0.00
PORT_JEFF_IC 23713	37.34 1.83 0.00	33.35 1.47 0.00	33.54 1.19 0.00	34.82 1.25 0.00	37.22 1.35 0.00	35.70 1.58 0.00	52.68 2.26 0.00	60.27 3.46 0.00	56.37 2.63 0.00	52.14 2.13 0.00	39.57 1.44 0.01	31.29 1.68 6.66	34.67 1.80 4.34	12.97 1.60 27.95	40.79 1.65 8.36	34.66 2.11 19.63	105.68 4.71 0.00	84.28 4.09 0.00	57.73 3.65 0.00	50.96 3.37 0.00	46.08 2.29 0.00	47.43 1.67 0.00	44.14 1.58 0.00	42.77 1.65 0.00
PPL_PILGRIM_ST_GT1 24216	37.51 2.00 0.00	33.51 1.64 0.00	33.72 1.37 0.00	34.99 1.43 0.00	37.42 1.55 0.00	35.85 1.72 0.00	52.90 2.48 0.00	60.52 3.70 0.00	56.62 2.89 0.00	52.44 2.43 0.00	39.91 1.78 0.01	31.76 2.02 6.53	35.11 2.14 4.25	13.78 1.99 27.53	41.40 2.12 8.22	35.44 2.60 19.34	106.20 5.23 0.00	84.62 4.44 0.00	58.23 4.15 0.00	51.18 3.60 0.00	46.44 2.64 0.00	47.90 2.14 0.00	44.60 2.03 0.00	43.15 2.03 0.00
PPL_PILGRIM_ST_GT2 24217	37.51 2.00 0.00	33.51 1.64 0.00	33.72 1.37 0.00	34.99 1.43 0.00	37.42 1.55 0.00	35.85 1.72 0.00	52.90 2.48 0.00	60.52 3.70 0.00	56.62 2.89 0.00	52.44 2.43 0.00	39.91 1.78 0.01	31.76 2.02 6.53	35.11 2.14 4.25	13.78 1.99 27.53	41.40 2.12 8.22	35.44 2.60 19.34	106.20 5.23 0.00	84.62 4.44 0.00	58.23 4.15 0.00	51.18 3.60 0.00	46.44 2.64 0.00	47.90 2.14 0.00	44.60 2.03 0.00	43.15 2.03 0.00
PPL_SHRM_GT3 24213	37.25 1.74 0.00	33.18 1.31 0.00	33.33 0.98 0.00	34.63 1.06 0.00	37.04 1.18 0.00	35.59 1.45 0.00	52.47 2.05 0.00	60.08 3.27 0.00	56.13 2.39 0.00	51.79 1.78 0.00	39.01 0.88 0.01	30.66 1.07 6.67	34.09 1.23 4.35	12.15 0.84 28.01	39.86 0.73 8.38	33.63 1.12 19.67	104.90 3.92 0.00	84.28 4.09 0.00	57.77 3.69 0.00	50.53 2.94 0.00	45.33 1.54 0.00	46.32 0.56 0.00	43.13 0.56 0.00	42.02 0.91 0.00
PPL_SHRM_GT4 24214	37.25 1.74 0.00	33.18 1.31 0.00	33.33 0.98 0.00	34.63 1.06 0.00	37.04 1.18 0.00	35.59 1.45 0.00	52.47 2.05 0.00	60.08 3.27 0.00	56.13 2.39 0.00	51.79 1.78 0.00	39.01 0.88 0.01	30.66 1.07 6.67	34.09 1.23 4.35	12.15 0.84 28.01	39.86 0.73 8.38	33.63 1.12 19.67	104.90 3.92 0.00	84.28 4.09 0.00	57.77 3.69 0.00	50.53 2.94 0.00	45.33 1.54 0.00	46.32 0.56 0.00	43.13 0.56 0.00	42.02 0.91 0.00
PROJECT___ORANGE 1 24174	34.95 -0.56 0.00	31.38 -0.50 0.00	31.82 -0.53 0.00	32.96 -0.60 0.00	35.22 -0.65 0.00	33.63 -0.50 0.00	49.75 -0.68 0.00	56.21 -0.60 0.00	53.06 -0.67 0.00	49.50 -0.51 0.00	37.81 -0.34 0.00	35.92 -0.34 0.00	36.86 -0.36 0.00	38.82 -0.50 0.00	46.79 -0.72 0.00	51.48 -0.70 0.00	99.67 -1.30 0.00	79.33 -0.85 0.00	53.45 -0.63 0.00	46.93 -0.66 0.00	43.04 -0.75 0.00	44.94 -0.82 0.00	41.79 -0.78 0.00	40.41 -0.71 0.00
PROJECT___ORANGE 2 24166	34.95 -0.56 0.00	31.38 -0.50 0.00	31.82 -0.53 0.00	32.96 -0.60 0.00	35.22 -0.65 0.00	33.63 -0.50 0.00	49.75 -0.68 0.00	56.21 -0.60 0.00	53.06 -0.67 0.00	49.50 -0.51 0.00	37.81 -0.34 0.00	35.92 -0.34 0.00	36.86 -0.36 0.00	38.82 -0.50 0.00	46.79 -0.72 0.00	51.48 -0.70 0.00	99.67 -1.30 0.00	79.33 -0.85 0.00	53.45 -0.63 0.00	46.93 -0.66 0.00	43.04 -0.75 0.00	44.94 -0.82 0.00	41.79 -0.78 0.00	40.41 -0.71 0.00
PUCKETT___SOLAR 323809	36.22 0.70 0.00	32.54 0.66 0.00	32.96 0.61 0.00	34.17 0.60 0.00	36.50 0.64 0.00	34.88 0.75 0.00	51.85 1.43 0.00	59.38 2.57 0.00	55.38 1.65 0.00	51.62 1.62 0.00	39.23 1.08 0.00	37.34 1.07 0.00	38.40 1.18 0.00	40.38 1.06 0.00	48.79 1.29 0.00	53.83 1.66 0.00	104.03 3.05 0.00	82.72 2.53 0.00	55.83 1.74 0.00	48.98 1.39 0.00	44.78 0.99 0.00	46.66 0.90 0.00	43.20 0.63 0.00	41.67 0.55 0.00
PYRITES___HYD 24023	37.11 1.59 0.00	33.31 1.43 0.00	33.79 1.44 0.00	35.21 1.65 0.00	37.80 1.93 0.00	36.04 1.91 0.00	54.48 4.06 0.00	61.64 4.83 0.00	58.48 4.75 0.00	54.00 3.99 0.00	41.27 3.12 0.00	39.36 3.09 0.00	40.42 3.20 0.00	43.27 3.95 0.00	52.51 5.00 0.00	57.29 5.11 0.00	110.58 9.61 0.00	87.93 7.75 0.00	59.27 5.19 0.00	52.09 4.51 0.00	47.63 3.84 0.00	49.94 4.18 0.00	45.79 3.23 0.00	43.60 2.49 0.00
QUAKERRD_115KV_BK1 80622	34.37 -1.15 0.00	30.79 -1.08 0.00	31.13 -1.22 0.00	32.23 -1.33 0.00	34.43 -1.44 0.00	33.04 -1.09 0.00	48.57 -1.85 0.00	54.60 -2.21 0.00	51.79 -1.95 0.00	48.60 -1.40 0.00	37.39 -0.75 0.00	35.41 -0.86 0.00	36.22 -1.00 0.00	37.98 -1.34 0.00	45.46 -2.04 0.00	49.84 -2.33 0.00	96.30 -4.67 0.00	76.69 -3.50 0.00	51.46 -2.62 0.00	45.15 -2.44 0.00	41.42 -2.38 0.00	43.54 -2.21 0.00	40.78 -1.78 0.00	39.63 -1.49 0.00
QUENSBRY_115KV_TB8 356137	36.44 0.92 0.00	32.63 0.75 0.00	33.28 0.94 0.00	34.70 1.13 0.00	37.13 1.26 0.00	35.29 1.16 0.00	52.47 2.05 0.00	59.77 2.96 0.00	55.97 2.24 0.00	51.23 1.22 0.00	38.50 0.36 0.00	36.56 0.30 0.00	37.93 0.71 0.00	40.49 1.17 0.00	48.95 1.45 0.00	54.29 2.11 0.00	107.10 6.13 0.00	84.82 4.64 0.00	57.45 3.37 0.00	50.44 2.85 0.00	45.96 2.16 0.00	47.86 2.11 0.00	44.20 1.64 0.00	42.84 1.72 0.00
RAMAPO___LBMP 323565	36.61 1.10 0.00	32.86 0.99 0.00	33.23 0.87 0.00	34.52 0.96 0.00	36.98 1.11 0.00	35.24 1.11 0.00	52.14 1.72 0.00	59.36 2.55 0.00	55.62 1.88 0.00	51.76 1.75 0.00	39.33 1.19 0.00	37.67 1.40 0.00	38.63 1.41 0.00	40.61 1.29 0.00	48.89 1.39 0.00	54.02 1.84 0.00	105.10 4.12 0.00	83.89 3.71 0.00	56.75 2.67 0.00	49.78 2.20 0.00	45.42 1.62 0.00	47.11 1.35 0.00	43.73 1.17 0.00	42.37 1.25 0.00
RANKINE____ 23646	35.38 -0.14 0.00	31.65 -0.23 0.00	31.87 -0.48 0.00	32.90 -0.66 0.00	35.10 -0.77 0.00	33.83 -0.30 0.00	49.29 -1.14 0.00	55.14 -1.67 0.00	52.49 -1.25 0.00	49.67 -0.34 0.00	38.53 0.38 0.00	36.33 0.06 0.00	37.03 -0.19 0.00	38.56 -0.76 0.00	45.82 -1.68 0.00	50.09 -2.09 0.00	95.98 -4.99 0.00	76.56 -3.62 0.00	51.03 -3.05 0.00	44.70 -2.89 0.00	40.99 -2.80 0.00	43.51 -2.25 0.00	41.21 -1.36 0.00	40.39 -0.73 0.00
RAVENSWOOD_GT2_1 24244	36.88 1.37 0.00	33.07 1.20 0.00	33.39 1.05 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.47 1.34 0.00	52.59 2.17 0.00	59.92 3.12 0.00	56.19 2.45 0.00	52.34 2.33 0.00	39.79 1.65 0.00	38.11 1.85 0.00	39.10 1.88 0.00	41.12 1.81 0.00	49.45 1.95 0.00	54.60 2.43 0.00	106.34 5.37 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.35 2.76 0.00	45.97 2.18 0.00	47.63 1.87 0.00	44.16 1.60 0.00	42.72 1.60 0.00

RAVENSWOOD_GT2_2 24245	36.88 1.37 0.00	33.07 1.20 0.00	33.39 1.05 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.47 1.34 0.00	52.59 2.17 0.00	59.92 3.12 0.00	56.19 2.45 0.00	52.34 2.33 0.00	39.79 1.65 0.00	38.11 1.85 0.00	39.10 1.88 0.00	41.12 1.81 0.00	49.45 1.95 0.00	54.60 2.43 0.00	106.34 5.37 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.35 2.76 0.00	45.97 2.18 0.00	47.63 1.87 0.00	44.16 1.60 0.00	42.72 1.60 0.00
RAVENSWOOD_GT2_3 24246	36.90 1.38 0.00	33.09 1.21 0.00	33.41 1.06 0.00	34.72 1.16 0.00	37.21 1.34 0.00	35.49 1.36 0.00	52.61 2.19 0.00	59.95 3.14 0.00	56.23 2.50 0.00	52.37 2.36 0.00	39.81 1.67 0.00	38.14 1.87 0.00	39.12 1.90 0.00	41.15 1.83 0.00	49.48 1.98 0.00	54.64 2.46 0.00	106.38 5.41 0.00	84.90 4.71 0.00	57.44 3.35 0.00	50.38 2.79 0.00	45.98 2.19 0.00	47.65 1.89 0.00	44.18 1.61 0.00	42.74 1.62 0.00
RAVENSWOOD_GT2_4 24247	36.90 1.38 0.00	33.09 1.21 0.00	33.41 1.06 0.00	34.72 1.16 0.00	37.21 1.34 0.00	35.49 1.36 0.00	52.61 2.19 0.00	59.95 3.14 0.00	56.23 2.50 0.00	52.37 2.36 0.00	39.81 1.67 0.00	38.14 1.87 0.00	39.12 1.90 0.00	41.15 1.83 0.00	49.48 1.98 0.00	54.64 2.46 0.00	106.38 5.41 0.00	84.90 4.71 0.00	57.44 3.35 0.00	50.38 2.79 0.00	45.98 2.19 0.00	47.65 1.89 0.00	44.18 1.61 0.00	42.74 1.62 0.00
RAVENSWOOD_GT3_1 24248	36.89 1.37 0.00	33.08 1.20 0.00	33.39 1.05 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.47 1.34 0.00	52.59 2.17 0.00	59.92 3.12 0.00	56.19 2.45 0.00	52.34 2.33 0.00	39.79 1.65 0.00	38.11 1.85 0.00	39.10 1.88 0.00	41.12 1.81 0.00	49.45 1.96 0.00	54.60 2.43 0.00	106.34 5.37 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.35 2.76 0.00	45.97 2.18 0.00	47.64 1.88 0.00	44.17 1.61 0.00	42.72 1.60 0.00
RAVENSWOOD_GT3_2 24249	36.89 1.37 0.00	33.08 1.20 0.00	33.39 1.05 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.47 1.34 0.00	52.59 2.17 0.00	59.92 3.12 0.00	56.19 2.45 0.00	52.34 2.33 0.00	39.79 1.65 0.00	38.11 1.85 0.00	39.10 1.88 0.00	41.12 1.81 0.00	49.45 1.96 0.00	54.60 2.43 0.00	106.34 5.37 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.35 2.76 0.00	45.97 2.18 0.00	47.64 1.88 0.00	44.17 1.61 0.00	42.72 1.60 0.00
RAVENSWOOD_GT3_3 24250	36.93 1.42 0.00	33.12 1.24 0.00	33.44 1.09 0.00	34.76 1.19 0.00	37.24 1.37 0.00	35.52 1.39 0.00	52.67 2.24 0.00	60.01 3.20 0.00	56.28 2.55 0.00	52.42 2.41 0.00	39.85 1.71 0.00	38.18 1.92 0.00	39.16 1.94 0.00	41.19 1.88 0.00	49.54 2.04 0.00	54.70 2.53 0.00	106.51 5.53 0.00	85.00 4.82 0.00	57.50 3.42 0.00	50.43 2.84 0.00	46.03 2.24 0.00	47.70 1.94 0.00	44.22 1.66 0.00	42.78 1.66 0.00
RAVENSWOOD_GT3_4 24251	36.93 1.42 0.00	33.12 1.24 0.00	33.44 1.09 0.00	34.76 1.19 0.00	37.24 1.37 0.00	35.52 1.39 0.00	52.67 2.24 0.00	60.01 3.20 0.00	56.28 2.55 0.00	52.42 2.41 0.00	39.85 1.71 0.00	38.18 1.92 0.00	39.16 1.94 0.00	41.19 1.88 0.00	49.54 2.04 0.00	54.70 2.53 0.00	106.51 5.53 0.00	85.00 4.82 0.00	57.50 3.42 0.00	50.43 2.84 0.00	46.03 2.24 0.00	47.70 1.94 0.00	44.22 1.66 0.00	42.78 1.66 0.00
RAVENSWOOD_GT_1 23729	36.99 1.47 0.00	33.16 1.29 0.00	33.48 1.13 0.00	34.81 1.25 0.00	37.31 1.44 0.00	35.57 1.43 0.00	52.75 2.32 0.00	60.10 3.28 0.00	56.38 2.64 0.00	52.50 2.50 0.00	39.95 1.80 0.00	38.26 1.99 0.00	39.24 2.02 0.00	41.26 1.94 0.00	49.61 2.10 0.00	54.75 2.57 0.00	106.58 5.61 0.00	85.05 4.86 0.00	57.52 3.44 0.00	50.48 2.89 0.00	46.10 2.31 0.00	47.75 1.99 0.00	44.26 1.70 0.00	42.84 1.72 0.00
RAVENSWOOD_GT_10 24258	36.88 1.37 0.00	33.07 1.20 0.00	33.39 1.05 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.47 1.34 0.00	52.59 2.16 0.00	59.92 3.11 0.00	56.19 2.45 0.00	52.34 2.33 0.00	39.79 1.65 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.12 1.81 0.00	49.45 1.95 0.00	54.60 2.43 0.00	106.34 5.37 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.34 2.75 0.00	45.96 2.17 0.00	47.63 1.87 0.00	44.16 1.60 0.00	42.72 1.60 0.00
RAVENSWOOD_GT_11 24259	36.88 1.37 0.00	33.07 1.20 0.00	33.39 1.05 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.47 1.34 0.00	52.59 2.16 0.00	59.92 3.11 0.00	56.19 2.45 0.00	52.34 2.33 0.00	39.79 1.65 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.12 1.81 0.00	49.45 1.95 0.00	54.60 2.43 0.00	106.34 5.37 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.34 2.75 0.00	45.96 2.17 0.00	47.63 1.87 0.00	44.16 1.60 0.00	42.72 1.60 0.00
RAVENSWOOD_GT_4 24252	36.88 1.36 0.00	33.07 1.20 0.00	33.39 1.05 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.46 1.33 0.00	52.58 2.16 0.00	59.91 3.10 0.00	56.19 2.45 0.00	52.33 2.32 0.00	39.78 1.64 0.00	38.11 1.84 0.00	39.09 1.87 0.00	41.12 1.80 0.00	49.45 1.95 0.00	54.60 2.42 0.00	106.33 5.36 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.34 2.75 0.00	45.95 2.16 0.00	47.63 1.87 0.00	44.16 1.60 0.00	42.72 1.60 0.00
RAVENSWOOD_GT_5 24254	36.88 1.36 0.00	33.07 1.20 0.00	33.39 1.05 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.46 1.33 0.00	52.58 2.16 0.00	59.91 3.10 0.00	56.19 2.45 0.00	52.33 2.32 0.00	39.78 1.64 0.00	38.11 1.84 0.00	39.09 1.87 0.00	41.12 1.80 0.00	49.45 1.95 0.00	54.60 2.42 0.00	106.33 5.36 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.34 2.75 0.00	45.95 2.16 0.00	47.63 1.87 0.00	44.16 1.60 0.00	42.72 1.60 0.00
RAVENSWOOD_GT_6 24253	36.88 1.36 0.00	33.07 1.20 0.00	33.39 1.05 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.46 1.33 0.00	52.58 2.16 0.00	59.91 3.10 0.00	56.19 2.45 0.00	52.33 2.32 0.00	39.78 1.64 0.00	38.11 1.84 0.00	39.09 1.87 0.00	41.12 1.80 0.00	49.45 1.95 0.00	54.60 2.42 0.00	106.33 5.36 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.34 2.75 0.00	45.95 2.16 0.00	47.63 1.87 0.00	44.16 1.60 0.00	42.72 1.60 0.00
RAVENSWOOD_GT_7 24255	36.88 1.36 0.00	33.07 1.20 0.00	33.39 1.05 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.46 1.33 0.00	52.58 2.16 0.00	59.91 3.10 0.00	56.19 2.45 0.00	52.33 2.32 0.00	39.78 1.64 0.00	38.11 1.84 0.00	39.09 1.87 0.00	41.12 1.80 0.00	49.45 1.95 0.00	54.60 2.42 0.00	106.33 5.36 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.34 2.75 0.00	45.95 2.16 0.00	47.63 1.87 0.00	44.16 1.60 0.00	42.72 1.60 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.88 1.37 0.00	33.07 1.20 0.00	33.39 1.05 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.47 1.34 0.00	52.59 2.16 0.00	59.92 3.11 0.00	56.19 2.45 0.00	52.34 2.33 0.00	39.79 1.65 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.12 1.81 0.00	49.45 1.95 0.00	54.60 2.43 0.00	106.34 5.37 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.34 2.75 0.00	45.96 2.17 0.00	47.63 1.87 0.00	44.16 1.60 0.00	42.72 1.60 0.00

RAVENSWOOD_GT_9 24257	36.88 1.37 0.00	33.07 1.20 0.00	33.39 1.05 0.00	34.71 1.15 0.00	37.20 1.33 0.00	35.47 1.34 0.00	52.59 2.16 0.00	59.92 3.11 0.00	56.19 2.45 0.00	52.34 2.33 0.00	39.79 1.65 0.00	38.11 1.84 0.00	39.10 1.88 0.00	41.12 1.81 0.00	49.45 1.95 0.00	54.60 2.43 0.00	106.34 5.37 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.34 2.75 0.00	45.96 2.17 0.00	47.63 1.87 0.00	44.16 1.60 0.00	42.72 1.60 0.00
RAVENSWOOD___1 23533	36.92 1.40 0.00	33.10 1.22 0.00	33.42 1.07 0.00	34.75 1.18 0.00	37.24 1.37 0.00	35.51 1.39 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.18 1.92 0.00	39.18 1.96 0.00	41.20 1.88 0.00	49.52 2.02 0.00	54.67 2.50 0.00	106.46 5.49 0.00	84.94 4.75 0.00	57.44 3.36 0.00	50.41 2.82 0.00	46.02 2.23 0.00	47.67 1.92 0.00	44.20 1.64 0.00	42.77 1.65 0.00
RAVENSWOOD___2 23534	36.92 1.40 0.00	33.10 1.22 0.00	33.42 1.07 0.00	34.75 1.18 0.00	37.24 1.37 0.00	35.51 1.39 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.18 1.92 0.00	39.18 1.96 0.00	41.20 1.88 0.00	49.52 2.02 0.00	54.67 2.50 0.00	106.46 5.49 0.00	84.94 4.75 0.00	57.44 3.36 0.00	50.41 2.82 0.00	46.02 2.23 0.00	47.67 1.92 0.00	44.20 1.64 0.00	42.77 1.65 0.00
RAVENSWOOD___3 23535	36.89 1.37 0.00	33.08 1.20 0.00	33.39 1.05 0.00	34.72 1.15 0.00	37.20 1.33 0.00	35.48 1.35 0.00	52.59 2.16 0.00	59.92 3.11 0.00	56.19 2.46 0.00	52.34 2.33 0.00	39.79 1.65 0.00	38.11 1.84 0.00	39.11 1.89 0.00	41.12 1.81 0.00	49.46 1.96 0.00	54.60 2.43 0.00	106.35 5.38 0.00	84.84 4.66 0.00	57.39 3.31 0.00	50.36 2.77 0.00	45.97 2.18 0.00	47.63 1.87 0.00	44.17 1.61 0.00	42.72 1.60 0.00
RAVENSWOOD___4 23820	36.92 1.40 0.00	33.10 1.22 0.00	33.42 1.07 0.00	34.75 1.18 0.00	37.24 1.37 0.00	35.51 1.39 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.18 1.92 0.00	39.18 1.96 0.00	41.20 1.88 0.00	49.52 2.02 0.00	54.67 2.50 0.00	106.46 5.49 0.00	84.94 4.75 0.00	57.44 3.36 0.00	50.41 2.82 0.00	46.02 2.23 0.00	47.67 1.92 0.00	44.20 1.64 0.00	42.77 1.65 0.00
RCPL_TRUST___DRP 24196	36.92 1.40 0.00	33.10 1.22 0.00	33.42 1.08 0.00	34.76 1.19 0.00	37.24 1.37 0.00	35.50 1.37 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.29 2.56 0.00	52.43 2.42 0.00	39.85 1.71 0.00	38.18 1.91 0.00	39.17 1.94 0.00	41.19 1.88 0.00	49.55 2.05 0.00	54.71 2.53 0.00	106.54 5.56 0.00	85.00 4.82 0.00	57.50 3.42 0.00	50.42 2.84 0.00	46.02 2.22 0.00	47.69 1.93 0.00	44.21 1.65 0.00	42.76 1.64 0.00
RED___ROCHESTER 323720	35.28 -0.23 0.00	31.59 -0.28 0.00	31.89 -0.46 0.00	33.01 -0.55 0.00	35.26 -0.60 0.00	33.90 -0.23 0.00	49.80 -0.63 0.00	55.97 -0.84 0.00	53.17 -0.57 0.00	49.99 -0.02 0.00	38.54 0.39 0.00	36.46 0.20 0.00	37.25 0.04 0.00	39.03 -0.29 0.00	46.64 -0.86 0.00	51.09 -1.09 0.00	98.55 -2.42 0.00	78.61 -1.57 0.00	52.69 -1.39 0.00	46.21 -1.38 0.00	42.38 -1.42 0.00	44.63 -1.13 0.00	41.86 -0.71 0.00	40.72 -0.40 0.00
REGAN___SOLAR 323812	37.59 2.07 0.00	33.67 1.80 0.00	34.15 1.80 0.00	35.50 1.93 0.00	37.97 2.10 0.00	36.22 2.09 0.00	53.86 3.43 0.00	60.90 4.08 0.00	57.16 3.43 0.00	53.09 3.07 0.00	39.90 1.76 0.00	37.68 1.41 0.00	39.02 1.80 0.00	41.66 2.34 0.00	50.71 3.20 0.00	55.84 3.66 0.00	108.41 7.44 0.00	86.28 6.10 0.00	58.19 4.11 0.00	51.08 3.49 0.00	46.82 3.03 0.00	48.82 3.06 0.00	45.25 2.69 0.00	43.61 2.49 0.00
RENSSELAER___COGEN 23796	35.77 0.26 0.00	32.12 0.24 0.00	32.64 0.29 0.00	33.87 0.30 0.00	36.18 0.31 0.00	34.48 0.35 0.00	51.03 0.61 0.00	57.88 1.07 0.00	54.34 0.61 0.00	50.23 0.22 0.00	38.00 -0.14 0.00	36.21 -0.05 0.00	37.23 0.01 0.00	39.44 0.12 0.00	47.72 0.22 0.00	52.76 0.59 0.00	103.19 2.21 0.00	82.00 1.82 0.00	55.41 1.33 0.00	48.67 1.08 0.00	44.54 0.75 0.00	46.33 0.57 0.00	42.97 0.40 0.00	41.51 0.38 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.21 1.69 0.00	33.31 1.43 0.00	34.02 1.67 0.00	35.63 2.06 0.00	38.24 2.37 0.00	36.73 2.60 0.00	54.58 4.16 0.00	62.49 5.67 0.00	58.56 4.82 0.00	53.05 3.04 0.00	39.38 1.24 0.00	37.48 1.21 0.00	39.09 1.87 0.00	42.14 2.82 0.00	50.83 3.33 0.00	56.55 4.38 0.00	112.68 11.71 0.00	88.58 8.40 0.00	60.29 6.20 0.00	52.94 5.35 0.00	47.92 4.13 0.00	49.42 3.66 0.00	45.55 2.98 0.00	44.20 3.09 0.00
REVERE_CPPR_DRP 24186	36.72 1.21 0.00	32.94 1.07 0.00	33.43 1.08 0.00	34.68 1.12 0.00	37.09 1.22 0.00	35.45 1.32 0.00	52.76 2.34 0.00	59.66 2.85 0.00	56.39 2.65 0.00	52.40 2.39 0.00	39.94 1.80 0.00	37.96 1.70 0.00	39.11 1.89 0.00	41.26 1.95 0.00	49.83 2.33 0.00	54.86 2.68 0.00	106.28 5.31 0.00	84.53 4.35 0.00	57.01 2.93 0.00	50.02 2.44 0.00	45.86 2.06 0.00	47.74 1.98 0.00	44.12 1.56 0.00	42.48 1.36 0.00
REYNOLDS_115KV_TB3 80639	36.04 0.52 0.00	32.33 0.46 0.00	32.86 0.51 0.00	34.11 0.55 0.00	36.46 0.59 0.00	34.75 0.62 0.00	51.45 1.03 0.00	58.39 1.57 0.00	54.79 1.06 0.00	50.61 0.60 0.00	38.28 0.14 0.00	36.46 0.20 0.00	37.50 0.28 0.00	39.74 0.42 0.00	48.07 0.57 0.00	53.19 1.01 0.00	104.15 3.18 0.00	82.74 2.56 0.00	55.91 1.83 0.00	49.11 1.52 0.00	44.92 1.13 0.00	46.74 0.98 0.00	43.35 0.78 0.00	41.90 0.78 0.00
RIVERBAY____ 323610	37.00 1.49 0.00	33.20 1.33 0.00	33.50 1.15 0.00	34.83 1.27 0.00	37.35 1.48 0.00	35.72 1.59 0.00	53.03 2.60 0.00	60.25 3.43 0.00	56.42 2.69 0.00	52.45 2.44 0.00	39.91 1.77 0.00	38.19 1.92 0.00	39.16 1.94 0.00	41.19 1.87 0.00	49.47 1.97 0.00	54.72 2.54 0.00	106.56 5.59 0.00	84.98 4.79 0.00	57.42 3.34 0.00	50.48 2.89 0.00	46.07 2.28 0.00	47.73 1.97 0.00	44.26 1.70 0.00	42.84 1.72 0.00
RIVERSDE_115KV_TB3 55908	35.92 0.40 0.00	32.24 0.36 0.00	32.76 0.41 0.00	34.00 0.43 0.00	36.33 0.46 0.00	34.63 0.50 0.00	51.27 0.84 0.00	58.17 1.36 0.00	54.60 0.87 0.00	50.47 0.46 0.00	38.18 0.03 0.00	36.38 0.11 0.00	37.40 0.18 0.00	39.64 0.32 0.00	47.95 0.44 0.00	53.03 0.85 0.00	103.78 2.81 0.00	82.45 2.27 0.00	55.70 1.63 0.00	48.93 1.34 0.00	44.76 0.97 0.00	46.56 0.80 0.00	43.18 0.61 0.00	41.73 0.61 0.00
ROARING___BROOK_WT_PWR 323790	35.50 -0.02 0.00	31.84 -0.03 0.00	32.35 0.00 0.00	33.60 0.03 0.00	35.80 -0.07 0.00	34.05 -0.08 0.00	50.25 -0.17 0.00	56.55 -0.26 0.00	53.64 -0.10 0.00	49.94 -0.07 0.00	38.14 0.00 0.00	36.25 -0.02 0.00	37.21 -0.01 0.00	39.33 0.01 0.00	47.42 -0.09 0.00	51.96 -0.22 0.00	100.46 -0.51 0.00	79.81 -0.38 0.00	53.90 -0.18 0.00	47.51 -0.08 0.00	43.82 0.03 0.00	45.85 0.10 0.00	42.55 -0.02 0.00	40.90 -0.22 0.00

ROCHESRG_115KV_T4 355643	34.92 -0.59 0.00	31.28 -0.59 0.00	31.60 -0.75 0.00	32.70 -0.87 0.00	34.93 -0.94 0.00	33.55 -0.58 0.00	49.22 -1.20 0.00	55.28 -1.54 0.00	52.47 -1.26 0.00	49.34 -0.67 0.00	38.02 -0.12 0.00	35.97 -0.30 0.00	36.76 -0.46 0.00	38.50 -0.82 0.00	45.99 -1.51 0.00	50.39 -1.79 0.00	97.15 -3.82 0.00	77.44 -2.75 0.00	51.90 -2.18 0.00	45.54 -2.05 0.00	41.77 -2.02 0.00	44.03 -1.73 0.00	41.34 -1.22 0.00	40.24 -0.88 0.00
ROCHESTER_9_IC 23652	35.13 -0.39 0.00	31.46 -0.42 0.00	31.76 -0.59 0.00	32.87 -0.69 0.00	35.11 -0.75 0.00	33.75 -0.38 0.00	49.54 -0.88 0.00	55.66 -1.15 0.00	52.85 -0.88 0.00	49.69 -0.32 0.00	38.31 0.16 0.00	36.24 -0.03 0.00	37.04 -0.18 0.00	38.78 -0.53 0.00	46.35 -1.15 0.00	50.77 -1.41 0.00	97.91 -3.06 0.00	78.05 -2.13 0.00	52.30 -1.78 0.00	45.88 -1.71 0.00	42.08 -1.71 0.00	44.35 -1.41 0.00	41.62 -0.95 0.00	40.49 -0.63 0.00
ROCKVIEW_13_KV_LD 356306	36.95 1.44 0.00	33.12 1.25 0.00	33.46 1.11 0.00	34.77 1.20 0.00	37.23 1.37 0.00	35.51 1.38 0.00	52.63 2.20 0.00	59.97 3.16 0.00	56.21 2.47 0.00	52.30 2.29 0.00	39.74 1.60 0.00	38.04 1.78 0.00	39.03 1.81 0.00	41.07 1.75 0.00	49.43 1.93 0.00	54.60 2.42 0.00	106.39 5.42 0.00	84.90 4.72 0.00	57.45 3.37 0.00	50.39 2.80 0.00	45.98 2.19 0.00	47.68 1.92 0.00	44.21 1.65 0.00	42.76 1.64 0.00
ROME____115KV_TB2 80656	36.72 1.21 0.00	32.94 1.07 0.00	33.43 1.08 0.00	34.68 1.12 0.00	37.09 1.22 0.00	35.45 1.32 0.00	52.76 2.34 0.00	59.66 2.85 0.00	56.39 2.65 0.00	52.40 2.39 0.00	39.94 1.80 0.00	37.96 1.70 0.00	39.11 1.89 0.00	41.26 1.95 0.00	49.83 2.33 0.00	54.86 2.68 0.00	106.28 5.31 0.00	84.53 4.35 0.00	57.01 2.93 0.00	50.02 2.44 0.00	45.86 2.06 0.00	47.74 1.98 0.00	44.12 1.56 0.00	42.48 1.36 0.00
ROSETON___1 23587	36.61 1.09 0.00	32.83 0.95 0.00	33.21 0.85 0.00	34.50 0.94 0.00	36.94 1.07 0.00	35.20 1.07 0.00	52.12 1.70 0.00	59.34 2.53 0.00	55.63 1.90 0.00	51.70 1.68 0.00	39.26 1.12 0.00	37.54 1.27 0.00	38.53 1.31 0.00	40.56 1.24 0.00	48.87 1.37 0.00	54.02 1.84 0.00	105.28 4.31 0.00	83.95 3.76 0.00	56.78 2.70 0.00	49.81 2.23 0.00	45.47 1.68 0.00	47.17 1.41 0.00	43.77 1.21 0.00	42.35 1.23 0.00
ROSETON___2 23588	36.61 1.09 0.00	32.83 0.95 0.00	33.21 0.85 0.00	34.50 0.94 0.00	36.94 1.07 0.00	35.20 1.07 0.00	52.12 1.70 0.00	59.34 2.53 0.00	55.63 1.90 0.00	51.70 1.68 0.00	39.26 1.12 0.00	37.54 1.27 0.00	38.53 1.31 0.00	40.56 1.24 0.00	48.87 1.37 0.00	54.02 1.84 0.00	105.28 4.31 0.00	83.95 3.76 0.00	56.78 2.70 0.00	49.81 2.23 0.00	45.47 1.68 0.00	47.17 1.41 0.00	43.77 1.21 0.00	42.35 1.23 0.00
ROTRRDAM_115KV_TB3 80664	36.18 0.66 0.00	32.44 0.57 0.00	32.97 0.62 0.00	34.24 0.67 0.00	36.58 0.71 0.00	34.78 0.64 0.00	51.50 1.08 0.00	58.32 1.51 0.00	54.86 1.12 0.00	50.84 0.83 0.00	38.56 0.42 0.00	36.67 0.41 0.00	37.71 0.49 0.00	39.95 0.63 0.00	48.29 0.79 0.00	53.27 1.09 0.00	103.80 2.82 0.00	82.51 2.33 0.00	55.73 1.65 0.00	48.96 1.38 0.00	44.87 1.07 0.00	46.74 0.98 0.00	43.39 0.83 0.00	41.94 0.82 0.00
RUSSELL___1 23602	35.28 -0.23 0.00	31.59 -0.28 0.00	31.89 -0.46 0.00	33.01 -0.55 0.00	35.26 -0.60 0.00	33.90 -0.23 0.00	49.80 -0.62 0.00	55.97 -0.84 0.00	53.17 -0.57 0.00	49.99 -0.02 0.00	38.54 0.40 0.00	36.46 0.20 0.00	37.27 0.05 0.00	39.03 -0.29 0.00	46.64 -0.86 0.00	51.09 -1.08 0.00	98.55 -2.42 0.00	78.61 -1.58 0.00	52.69 -1.39 0.00	46.21 -1.37 0.00	42.37 -1.42 0.00	44.63 -1.13 0.00	41.86 -0.70 0.00	40.72 -0.40 0.00
RUSSELL___2 23532	35.28 -0.23 0.00	31.59 -0.28 0.00	31.89 -0.46 0.00	33.01 -0.55 0.00	35.26 -0.60 0.00	33.90 -0.23 0.00	49.80 -0.62 0.00	55.97 -0.84 0.00	53.17 -0.57 0.00	49.99 -0.02 0.00	38.54 0.40 0.00	36.46 0.20 0.00	37.27 0.05 0.00	39.03 -0.29 0.00	46.64 -0.86 0.00	51.09 -1.08 0.00	98.55 -2.42 0.00	78.61 -1.58 0.00	52.69 -1.39 0.00	46.21 -1.37 0.00	42.37 -1.42 0.00	44.63 -1.13 0.00	41.86 -0.70 0.00	40.72 -0.40 0.00
RUSSELL___3 23549	35.28 -0.23 0.00	31.59 -0.28 0.00	31.89 -0.46 0.00	33.01 -0.55 0.00	35.26 -0.60 0.00	33.90 -0.23 0.00	49.80 -0.62 0.00	55.97 -0.84 0.00	53.17 -0.57 0.00	49.99 -0.02 0.00	38.54 0.40 0.00	36.46 0.20 0.00	37.27 0.05 0.00	39.03 -0.29 0.00	46.64 -0.86 0.00	51.09 -1.08 0.00	98.55 -2.42 0.00	78.61 -1.58 0.00	52.69 -1.39 0.00	46.21 -1.37 0.00	42.37 -1.42 0.00	44.63 -1.13 0.00	41.86 -0.70 0.00	40.72 -0.40 0.00
RUSSELL___4 23556	35.28 -0.23 0.00	31.59 -0.28 0.00	31.89 -0.46 0.00	33.01 -0.55 0.00	35.26 -0.60 0.00	33.90 -0.23 0.00	49.80 -0.62 0.00	55.97 -0.84 0.00	53.17 -0.57 0.00	49.99 -0.02 0.00	38.54 0.40 0.00	36.46 0.20 0.00	37.27 0.05 0.00	39.03 -0.29 0.00	46.64 -0.86 0.00	51.09 -1.08 0.00	98.55 -2.42 0.00	78.61 -1.58 0.00	52.69 -1.39 0.00	46.21 -1.37 0.00	42.37 -1.42 0.00	44.63 -1.13 0.00	41.86 -0.70 0.00	40.72 -0.40 0.00
RUSSELL___STATION 23914	35.28 -0.23 0.00	31.59 -0.28 0.00	31.89 -0.46 0.00	33.01 -0.55 0.00	35.26 -0.60 0.00	33.90 -0.23 0.00	49.80 -0.62 0.00	55.97 -0.84 0.00	53.17 -0.57 0.00	49.99 -0.02 0.00	38.54 0.40 0.00	36.46 0.20 0.00	37.27 0.05 0.00	39.03 -0.29 0.00	46.64 -0.86 0.00	51.09 -1.08 0.00	98.55 -2.42 0.00	78.61 -1.58 0.00	52.69 -1.39 0.00	46.21 -1.37 0.00	42.37 -1.42 0.00	44.63 -1.13 0.00	41.86 -0.70 0.00	40.72 -0.40 0.00
S SALMON___HYD 24043	34.60 -0.92 0.00	31.05 -0.83 0.00	31.53 -0.82 0.00	32.71 -0.85 0.00	35.01 -0.86 0.00	33.85 -0.28 0.00	50.34 -0.08 0.00	56.89 0.08 0.00	53.80 0.07 0.00	50.13 0.12 0.00	38.29 0.15 0.00	36.45 0.18 0.00	37.44 0.21 0.00	39.50 0.18 0.00	47.74 0.23 0.00	52.25 0.07 0.00	100.03 -0.94 0.00	79.75 -0.43 0.00	53.76 -0.32 0.00	47.16 -0.43 0.00	43.22 -0.57 0.00	45.04 -0.72 0.00	41.65 -0.92 0.00	40.04 -1.07 0.00
S.PERRY__115KV_TB1 80734	36.43 0.91 0.00	32.62 0.75 0.00	32.91 0.55 0.00	33.95 0.39 0.00	36.32 0.45 0.00	35.04 0.91 0.00	51.69 1.27 0.00	58.21 1.40 0.00	55.22 1.49 0.00	52.00 1.99 0.00	40.12 1.98 0.00	37.86 1.59 0.00	38.51 1.29 0.00	39.55 0.23 0.00	46.87 -0.63 0.00	51.55 -0.63 0.00	99.36 -1.61 0.00	79.43 -0.75 0.00	53.13 -0.95 0.00	46.35 -1.24 0.00	42.28 -1.51 0.00	45.30 -0.46 0.00	42.93 0.37 0.00	41.72 0.60 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.94 -0.57 0.00	31.26 -0.61 0.00	31.48 -0.88 0.00	32.51 -1.06 0.00	34.68 -1.19 0.00	33.45 -0.68 0.00	48.66 -1.76 0.00	54.29 -2.52 0.00	51.73 -2.00 0.00	48.95 -1.06 0.00	37.97 -0.17 0.00	35.77 -0.50 0.00	36.44 -0.78 0.00	37.95 -1.37 0.00	45.07 -2.43 0.00	49.24 -2.94 0.00	94.42 -6.55 0.00	75.34 -4.85 0.00	50.22 -3.87 0.00	44.03 -3.56 0.00	40.41 -3.38 0.00	42.97 -2.78 0.00	40.74 -1.83 0.00	39.94 -1.18 0.00

SAWYER___23_KV_LOAD 55526	34.94 -0.57 0.00	31.26 -0.61 0.00	31.48 -0.88 0.00	32.51 -1.06 0.00	34.68 -1.19 0.00	33.45 -0.68 0.00	48.66 -1.76 0.00	54.29 -2.52 0.00	51.73 -2.00 0.00	48.95 -1.06 0.00	37.97 -0.17 0.00	35.77 -0.50 0.00	36.44 -0.78 0.00	37.95 -1.37 0.00	45.07 -2.43 0.00	49.24 -2.94 0.00	94.42 -6.55 0.00	75.34 -4.85 0.00	50.22 -3.87 0.00	44.03 -3.56 0.00	40.41 -3.38 0.00	42.97 -2.78 0.00	40.74 -1.83 0.00	39.94 -1.18 0.00
SELKIRK___I 23801	36.15 0.64 0.00	32.45 0.57 0.00	33.00 0.65 0.00	34.25 0.69 0.00	36.58 0.71 0.00	34.80 0.67 0.00	51.48 1.06 0.00	58.29 1.48 0.00	54.67 0.94 0.00	50.48 0.47 0.00	38.24 0.10 0.00	36.41 0.14 0.00	37.45 0.23 0.00	39.74 0.42 0.00	48.12 0.61 0.00	53.14 0.96 0.00	103.76 2.79 0.00	82.45 2.27 0.00	55.68 1.60 0.00	48.92 1.34 0.00	44.74 0.95 0.00	46.47 0.71 0.00	43.14 0.57 0.00	41.73 0.61 0.00
SELKIRK___II 23799	35.93 0.42 0.00	32.24 0.37 0.00	32.78 0.43 0.00	34.01 0.45 0.00	36.34 0.47 0.00	34.58 0.45 0.00	51.17 0.75 0.00	58.00 1.19 0.00	54.48 0.75 0.00	50.43 0.42 0.00	38.20 0.06 0.00	36.39 0.13 0.00	37.40 0.18 0.00	39.59 0.28 0.00	47.90 0.39 0.00	52.91 0.73 0.00	103.29 2.32 0.00	82.09 1.91 0.00	55.47 1.39 0.00	48.73 1.14 0.00	44.63 0.83 0.00	46.42 0.66 0.00	43.07 0.50 0.00	41.63 0.51 0.00
SENECA OSWGO___HYD 24041	34.44 -1.07 0.00	30.91 -0.96 0.00	31.35 -1.00 0.00	32.48 -1.08 0.00	34.75 -1.12 0.00	33.80 -0.33 0.00	50.17 -0.25 0.00	56.73 -0.08 0.00	53.57 -0.16 0.00	49.98 -0.03 0.00	38.19 0.05 0.00	36.33 0.06 0.00	37.26 0.05 0.00	39.26 -0.06 0.00	47.37 -0.14 0.00	51.88 -0.30 0.00	98.34 -2.63 0.00	78.24 -1.95 0.00	52.72 -1.36 0.00	46.31 -1.28 0.00	42.48 -1.31 0.00	44.36 -1.40 0.00	41.23 -1.33 0.00	39.86 -1.26 0.00
SENECA___115KV_TB3 355854	35.43 -0.08 0.00	31.70 -0.18 0.00	31.93 -0.42 0.00	32.95 -0.62 0.00	35.15 -0.72 0.00	33.89 -0.24 0.00	49.38 -1.05 0.00	55.24 -1.57 0.00	52.59 -1.15 0.00	49.77 -0.24 0.00	38.60 0.46 0.00	36.40 0.13 0.00	37.10 -0.12 0.00	38.64 -0.68 0.00	45.91 -1.59 0.00	50.19 -1.99 0.00	96.18 -4.79 0.00	76.72 -3.46 0.00	51.13 -2.95 0.00	44.79 -2.79 0.00	41.07 -2.72 0.00	43.59 -2.17 0.00	41.27 -1.29 0.00	40.45 -0.66 0.00
SENECA___ENERGY 23797	35.23 -0.29 0.00	31.60 -0.27 0.00	31.98 -0.37 0.00	33.10 -0.46 0.00	35.36 -0.51 0.00	33.80 -0.33 0.00	49.92 -0.50 0.00	56.30 -0.51 0.00	53.19 -0.55 0.00	49.80 -0.21 0.00	38.26 0.12 0.00	36.30 0.03 0.00	37.18 -0.04 0.00	38.99 -0.33 0.00	46.79 -0.72 0.00	51.47 -0.71 0.00	99.61 -1.36 0.00	79.40 -0.78 0.00	53.47 -0.61 0.00	46.89 -0.69 0.00	42.83 -0.96 0.00	44.80 -0.96 0.00	41.80 -0.76 0.00	40.58 -0.54 0.00
SHOEMAKER___GT 23640	36.56 1.05 0.00	32.81 0.93 0.00	33.22 0.86 0.00	34.51 0.94 0.00	36.94 1.07 0.00	35.19 1.06 0.00	52.10 1.68 0.00	59.25 2.44 0.00	55.58 1.84 0.00	51.63 1.62 0.00	39.18 1.04 0.00	37.43 1.16 0.00	38.40 1.18 0.00	40.48 1.17 0.00	48.84 1.34 0.00	53.97 1.79 0.00	105.09 4.11 0.00	83.79 3.60 0.00	56.62 2.54 0.00	49.63 2.05 0.00	45.33 1.53 0.00	47.04 1.28 0.00	43.67 1.10 0.00	42.25 1.13 0.00
SHOEMAKR_138KV_BK 111 55601	36.55 1.04 0.00	32.80 0.93 0.00	33.19 0.84 0.00	34.49 0.92 0.00	36.91 1.04 0.00	35.17 1.03 0.00	52.06 1.64 0.00	59.21 2.40 0.00	55.54 1.80 0.00	51.61 1.60 0.00	39.19 1.05 0.00	37.46 1.19 0.00	38.42 1.20 0.00	40.48 1.16 0.00	48.82 1.32 0.00	53.93 1.75 0.00	104.98 4.01 0.00	83.72 3.54 0.00	56.58 2.50 0.00	49.60 2.02 0.00	45.29 1.50 0.00	47.01 1.25 0.00	43.63 1.07 0.00	42.22 1.10 0.00
SHOREHAM_IC_1 23715	37.25 1.74 0.00	33.18 1.31 0.00	33.33 0.98 0.00	34.63 1.06 0.00	37.04 1.18 0.00	35.59 1.45 0.00	52.47 2.05 0.00	60.08 3.27 0.00	56.13 2.39 0.00	51.79 1.78 0.00	39.01 0.88 0.01	30.66 1.07 6.67	34.09 1.23 4.35	12.15 0.84 28.01	39.86 0.73 8.38	33.63 1.12 19.67	104.90 3.92 0.00	84.28 4.09 0.00	57.77 3.69 0.00	50.53 2.94 0.00	45.33 1.54 0.00	46.32 0.56 0.00	43.13 0.56 0.00	42.02 0.91 0.00
SHOREHAM_IC_2 23716	37.25 1.74 0.00	33.18 1.31 0.00	33.33 0.98 0.00	34.63 1.06 0.00	37.04 1.18 0.00	35.59 1.45 0.00	52.47 2.05 0.00	60.08 3.27 0.00	56.13 2.39 0.00	51.79 1.78 0.00	39.01 0.88 0.01	30.66 1.07 6.67	34.09 1.23 4.35	12.15 0.84 28.01	39.86 0.73 8.38	33.63 1.12 19.67	104.90 3.92 0.00	84.28 4.09 0.00	57.77 3.69 0.00	50.53 2.94 0.00	45.33 1.54 0.00	46.32 0.56 0.00	43.13 0.56 0.00	42.02 0.91 0.00
SISSONVILLE____ 23735	36.17 0.65 0.00	32.47 0.60 0.00	32.95 0.60 0.00	34.35 0.78 0.00	36.85 0.99 0.00	35.09 0.96 0.00	52.80 2.37 0.00	59.68 2.87 0.00	56.68 2.94 0.00	52.42 2.41 0.00	40.03 1.89 0.00	38.17 1.90 0.00	39.21 1.99 0.00	41.94 2.62 0.00	50.95 3.45 0.00	55.56 3.38 0.00	107.12 6.15 0.00	85.08 4.89 0.00	57.37 3.29 0.00	50.43 2.85 0.00	46.17 2.37 0.00	48.45 2.70 0.00	44.50 1.94 0.00	42.44 1.32 0.00
SITHE_IND_GS1 24169	34.20 -1.31 0.00	30.71 -1.17 0.00	31.14 -1.21 0.00	32.27 -1.30 0.00	34.49 -1.38 0.00	32.90 -1.23 0.00	48.60 -1.83 0.00	54.83 -1.98 0.00	51.80 -1.94 0.00	48.28 -1.73 0.00	36.86 -1.28 0.00	35.03 -1.24 0.00	35.92 -1.29 0.00	37.88 -1.43 0.00	45.69 -1.81 0.00	50.22 -1.95 0.00	97.27 -3.70 0.00	77.34 -2.84 0.00	52.16 -1.92 0.00	45.82 -1.76 0.00	42.07 -1.72 0.00	43.95 -1.81 0.00	40.90 -1.67 0.00	39.54 -1.58 0.00
SITHE_IND_GS2 24170	34.20 -1.31 0.00	30.71 -1.17 0.00	31.14 -1.21 0.00	32.27 -1.30 0.00	34.49 -1.38 0.00	32.90 -1.23 0.00	48.60 -1.83 0.00	54.83 -1.98 0.00	51.80 -1.94 0.00	48.28 -1.73 0.00	36.86 -1.28 0.00	35.03 -1.24 0.00	35.92 -1.29 0.00	37.88 -1.43 0.00	45.69 -1.81 0.00	50.22 -1.95 0.00	97.27 -3.70 0.00	77.34 -2.84 0.00	52.16 -1.92 0.00	45.82 -1.76 0.00	42.07 -1.72 0.00	43.95 -1.81 0.00	40.90 -1.67 0.00	39.54 -1.58 0.00
SITHE_IND_GS3 24171	34.20 -1.31 0.00	30.71 -1.17 0.00	31.14 -1.21 0.00	32.27 -1.30 0.00	34.49 -1.38 0.00	32.90 -1.23 0.00	48.60 -1.83 0.00	54.83 -1.98 0.00	51.80 -1.94 0.00	48.28 -1.73 0.00	36.86 -1.28 0.00	35.03 -1.24 0.00	35.92 -1.29 0.00	37.88 -1.43 0.00	45.69 -1.81 0.00	50.22 -1.95 0.00	97.27 -3.70 0.00	77.34 -2.84 0.00	52.16 -1.92 0.00	45.82 -1.76 0.00	42.07 -1.72 0.00	43.95 -1.81 0.00	40.90 -1.67 0.00	39.54 -1.58 0.00
SITHE_IND_GS4 24172	34.20 -1.31 0.00	30.71 -1.17 0.00	31.14 -1.21 0.00	32.27 -1.30 0.00	34.49 -1.38 0.00	32.90 -1.23 0.00	48.60 -1.83 0.00	54.83 -1.98 0.00	51.80 -1.94 0.00	48.28 -1.73 0.00	36.86 -1.28 0.00	35.03 -1.24 0.00	35.92 -1.29 0.00	37.88 -1.43 0.00	45.69 -1.81 0.00	50.22 -1.95 0.00	97.27 -3.70 0.00	77.34 -2.84 0.00	52.16 -1.92 0.00	45.82 -1.76 0.00	42.07 -1.72 0.00	43.95 -1.81 0.00	40.90 -1.67 0.00	39.54 -1.58 0.00

SITHE___BATAVIA 24024	35.82 0.31 0.00	32.05 -0.17 0.00	32.28 -0.07 0.00	33.36 -0.20 0.00	35.66 -0.21 0.00	34.40 0.27 0.00	50.32 -0.10 0.00	56.39 -0.43 0.00	53.73 -0.01 0.00	50.72 0.71 0.00	39.27 1.12 0.00	37.03 0.76 0.00	37.76 0.54 0.00	39.43 0.12 0.00	46.94 -0.56 0.00	51.33 -0.85 0.00	98.78 -2.19 0.00	78.89 -1.30 0.00	52.65 -1.43 0.00	46.13 -1.46 0.00	42.30 -1.49 0.00	44.75 -1.01 0.00	42.20 -0.36 0.00	41.18 0.06 0.00
SITHE___INDEPEND 23800	34.20 -1.31 0.00	30.70 -1.17 0.00	31.14 -1.21 0.00	32.27 -1.30 0.00	34.49 -1.38 0.00	32.90 -1.23 0.00	48.60 -1.83 0.00	54.83 -1.98 0.00	51.80 -1.94 0.00	48.28 -1.73 0.00	36.86 -1.28 0.00	35.03 -1.24 0.00	35.93 -1.29 0.00	37.88 -1.43 0.00	45.69 -1.81 0.00	50.22 -1.95 0.00	97.27 -3.70 0.00	77.35 -2.84 0.00	52.16 -1.92 0.00	45.82 -1.76 0.00	42.07 -1.72 0.00	43.95 -1.80 0.00	40.90 -1.67 0.00	39.54 -1.58 0.00
SITHE___MASSENA 23902	35.99 0.48 0.00	32.32 0.44 0.00	32.78 0.43 0.00	34.03 0.47 0.00	36.38 0.51 0.00	34.60 0.47 0.00	51.03 0.61 0.00	57.12 0.31 0.00	54.42 0.68 0.00	50.66 0.65 0.00	38.85 0.71 0.00	36.85 0.59 0.00	37.75 0.54 0.00	40.02 0.71 0.00	48.57 1.07 0.00	53.00 0.82 0.00	101.73 0.76 0.00	80.61 0.43 0.00	54.27 0.19 0.00	47.90 0.32 0.00	44.34 0.55 0.00	46.58 0.82 0.00	43.47 0.90 0.00	41.87 0.75 0.00
SITHE___OGDNSBRG 24021	37.43 1.91 0.00	33.60 1.72 0.00	34.07 1.73 0.00	35.51 1.94 0.00	38.14 2.27 0.00	36.40 2.27 0.00	55.09 4.66 0.00	62.34 5.53 0.00	59.13 5.39 0.00	54.53 4.52 0.00	41.68 3.54 0.00	39.79 3.52 0.00	40.84 3.62 0.00	43.70 4.39 0.00	53.03 5.53 0.00	57.93 5.75 0.00	111.89 10.92 0.00	89.05 8.86 0.00	60.01 5.93 0.00	52.73 5.15 0.00	48.19 4.40 0.00	50.50 4.74 0.00	46.27 3.71 0.00	44.04 2.92 0.00
SITHE___STERLING 23777	36.38 0.86 0.00	32.66 0.78 0.00	33.16 0.81 0.00	34.38 0.81 0.00	36.79 0.92 0.00	35.13 1.00 0.00	52.15 1.73 0.00	58.99 2.17 0.00	55.68 1.95 0.00	51.79 1.78 0.00	39.46 1.32 0.00	37.51 1.24 0.00	38.60 1.38 0.00	40.70 1.39 0.00	49.14 1.64 0.00	54.13 1.95 0.00	104.85 3.88 0.00	83.26 3.08 0.00	56.13 2.06 0.00	49.27 1.68 0.00	45.18 1.38 0.00	47.04 1.28 0.00	43.58 1.02 0.00	42.03 0.91 0.00
SLEIGHT__34_KV_TB1 80719	35.03 -0.48 0.00	31.39 -0.49 0.00	31.75 -0.60 0.00	32.89 -0.68 0.00	35.13 -0.74 0.00	33.67 -0.46 0.00	49.65 -0.77 0.00	55.89 -0.92 0.00	52.95 -0.78 0.00	49.64 -0.37 0.00	38.15 0.00 0.00	36.15 -0.11 0.00	36.99 -0.23 0.00	38.83 -0.49 0.00	46.55 -0.95 0.00	51.07 -1.11 0.00	98.86 -2.11 0.00	78.77 -1.41 0.00	52.93 -1.16 0.00	46.44 -1.15 0.00	42.57 -1.22 0.00	44.64 -1.12 0.00	41.69 -0.87 0.00	40.46 -0.66 0.00
SOUTH CAIRO___GT 23612	37.32 1.80 0.00	33.47 1.60 0.00	34.04 1.69 0.00	35.33 1.76 0.00	37.78 1.91 0.00	36.10 1.96 0.00	53.70 3.28 0.00	61.04 4.23 0.00	57.23 3.49 0.00	52.33 2.33 0.00	39.18 1.04 0.00	37.24 0.97 0.00	38.36 1.14 0.00	40.91 1.59 0.00	50.14 2.64 0.00	55.58 3.40 0.00	108.75 7.78 0.00	86.73 6.55 0.00	58.53 4.45 0.00	51.31 3.72 0.00	47.11 3.32 0.00	49.02 3.26 0.00	45.33 2.76 0.00	43.53 2.41 0.00
SOUTH HAMPTN___IC 23720	37.46 1.95 0.00	33.48 1.61 0.00	33.57 1.22 0.00	34.96 1.40 0.00	37.44 1.57 0.00	35.98 1.85 0.00	53.11 2.69 0.00	60.83 4.02 0.00	56.82 3.08 0.00	52.42 2.41 0.00	39.51 1.38 0.01	31.13 1.55 6.69	34.56 1.70 4.36	12.62 1.36 28.06	40.40 1.29 8.39	34.24 1.77 19.70	105.93 4.96 0.00	84.78 4.59 0.00	58.15 4.06 0.00	50.60 3.02 0.00	45.33 1.53 0.00	46.35 0.59 0.00	43.14 0.57 0.00	42.06 0.94 0.00
SOUTHDOW_115KV_TB1 355954	36.56 1.04 0.00	32.70 0.83 0.00	32.91 0.55 0.00	33.99 0.43 0.00	36.27 0.40 0.00	35.07 0.93 0.00	51.29 0.87 0.00	57.87 1.06 0.00	54.33 0.60 0.00	51.49 1.47 0.00	39.94 1.80 0.00	37.83 1.56 0.00	38.49 1.27 0.00	40.12 0.80 0.00	47.70 0.19 0.00	52.03 -0.15 0.00	99.19 -1.79 0.00	78.96 -1.23 0.00	52.72 -1.36 0.00	46.23 -1.36 0.00	42.35 -1.44 0.00	44.83 -0.93 0.00	42.30 -0.27 0.00	41.33 0.21 0.00
SOUTHOLD_69_KV_BK 2 55809	37.69 2.17 0.00	33.85 1.98 0.00	33.81 1.46 0.00	35.38 1.81 0.00	37.96 2.09 0.00	36.51 2.37 0.00	53.99 3.57 0.00	61.87 5.06 0.00	57.79 4.06 0.00	53.29 3.28 0.00	40.13 2.00 0.01	31.69 2.11 6.69	35.09 2.24 4.36	13.22 1.96 28.05	40.99 1.88 8.39	34.94 2.47 19.70	107.20 6.23 0.00	84.33 4.14 0.00	58.49 4.41 0.00	50.47 2.89 0.00	44.96 1.17 0.00	45.94 0.18 0.00	42.70 0.13 0.00	41.73 0.61 0.00
SOUTHOLD___IC 23719	37.69 2.18 0.00	33.85 1.98 0.00	33.81 1.47 0.00	35.37 1.81 0.00	37.95 2.09 0.00	36.51 2.38 0.00	53.99 3.57 0.00	61.87 5.06 0.00	57.79 4.06 0.00	53.28 3.27 0.00	40.13 1.99 0.01	31.68 2.10 6.69	35.10 2.25 4.36	13.22 1.96 28.05	41.00 1.89 8.39	34.95 2.47 19.70	107.20 6.23 0.00	84.33 4.14 0.00	58.49 4.41 0.00	50.47 2.89 0.00	44.97 1.17 0.00	45.93 0.18 0.00	42.70 0.14 0.00	41.73 0.61 0.00
SOUTH_FORK_WT_PWR 323839	37.54 2.03 0.00	33.83 1.95 0.00	33.70 1.35 0.00	35.35 1.78 0.00	37.98 2.10 0.00	36.53 2.40 0.00	54.04 3.62 0.00	61.98 5.16 0.00	57.87 4.14 0.00	53.34 3.33 0.00	40.17 2.04 0.01	31.73 2.15 6.69	35.14 2.29 4.36	13.24 1.98 28.06	40.92 1.82 8.39	34.88 2.40 19.70	106.92 5.95 0.00	84.85 4.66 0.00	58.34 4.26 0.00	49.83 2.25 0.00	44.20 0.41 0.00	45.11 -0.65 0.00	41.91 -0.65 0.00	41.10 -0.02 0.00
SPIERFLS_115KV_TB 1 80737	36.28 0.77 0.00	32.50 0.62 0.00	33.15 0.80 0.00	34.53 0.96 0.00	36.93 1.06 0.00	35.04 0.91 0.00	52.09 1.67 0.00	59.29 2.48 0.00	55.51 1.78 0.00	50.88 0.87 0.00	38.28 0.14 0.00	36.37 0.11 0.00	37.67 0.46 0.00	40.18 0.86 0.00	48.58 1.08 0.00	53.86 1.68 0.00	106.16 5.19 0.00	84.15 3.97 0.00	56.97 2.89 0.00	50.01 2.42 0.00	45.62 1.83 0.00	47.58 1.83 0.00	43.97 1.40 0.00	42.60 1.48 0.00
ST LAWRENCE____ 23600	35.66 0.14 0.00	32.02 0.15 0.00	32.47 0.12 0.00	33.72 0.15 0.00	36.04 0.17 0.00	34.27 0.14 0.00	50.55 0.13 0.00	56.57 -0.24 0.00	53.92 0.18 0.00	50.17 0.16 0.00	38.47 0.33 0.00	36.50 0.24 0.00	37.39 0.17 0.00	39.63 0.32 0.00	48.09 0.59 0.00	52.48 0.30 0.00	100.72 -0.25 0.00	79.80 -0.39 0.00	53.72 -0.36 0.00	47.44 -0.15 0.00	43.93 0.14 0.00	46.15 0.39 0.00	43.04 0.48 0.00	41.46 0.34 0.00
STATE_CA_115KV_115_LB 55624	35.94 0.42 0.00	32.25 0.38 0.00	32.77 0.42 0.00	34.00 0.44 0.00	36.35 0.48 0.00	34.64 0.51 0.00	51.30 0.88 0.00	58.22 1.41 0.00	54.65 0.91 0.00	50.53 0.51 0.00	38.25 0.10 0.00	36.44 0.17 0.00	37.47 0.25 0.00	39.71 0.39 0.00	48.02 0.52 0.00	53.08 0.91 0.00	103.86 2.89 0.00	82.51 2.32 0.00	55.74 1.66 0.00	48.95 1.36 0.00	44.78 0.99 0.00	46.56 0.81 0.00	43.18 0.62 0.00	41.71 0.59 0.00

STATE_ST_34_KV_LOAD 55959	35.47 -0.05 0.00	31.83 -0.04 0.00	32.26 -0.09 0.00	33.43 -0.13 0.00	35.72 -0.15 0.00	33.99 -0.14 0.00	50.25 -0.17 0.00	56.64 -0.17 0.00	53.46 -0.27 0.00	49.91 -0.10 0.00	38.17 0.03 0.00	36.24 -0.03 0.00	37.16 -0.06 0.00	39.10 -0.22 0.00	47.12 -0.38 0.00	51.83 -0.34 0.00	100.56 -0.41 0.00	80.16 -0.03 0.00	54.19 0.11 0.00	47.60 0.02 0.00	43.62 -0.17 0.00	45.51 -0.25 0.00	42.36 -0.20 0.00	40.98 -0.14 0.00
STATION 5_MISC_HYD 23604	35.13 -0.39 0.00	31.46 -0.42 0.00	31.76 -0.59 0.00	32.87 -0.69 0.00	35.11 -0.76 0.00	33.74 -0.39 0.00	49.55 -0.88 0.00	55.66 -1.15 0.00	52.85 -0.89 0.00	49.69 -0.32 0.00	38.30 0.16 0.00	36.25 -0.02 0.00	37.02 -0.19 0.00	38.78 -0.53 0.00	46.34 -1.16 0.00	50.77 -1.40 0.00	97.91 -3.06 0.00	78.05 -2.13 0.00	52.30 -1.78 0.00	45.89 -1.70 0.00	42.08 -1.72 0.00	44.35 -1.41 0.00	41.61 -0.95 0.00	40.49 -0.63 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.42 -0.09 0.00	31.75 -0.13 0.00	32.10 -0.26 0.00	33.21 -0.35 0.00	35.50 -0.37 0.00	34.06 -0.07 0.00	50.20 -0.22 0.00	56.55 -0.26 0.00	53.59 -0.15 0.00	50.28 0.27 0.00	38.68 0.54 0.00	36.63 0.36 0.00	37.47 0.26 0.00	39.29 -0.03 0.00	47.08 -0.42 0.00	51.68 -0.49 0.00	99.89 -1.08 0.00	79.59 -0.59 0.00	53.43 -0.65 0.00	46.85 -0.73 0.00	42.92 -0.87 0.00	45.02 -0.74 0.00	42.09 -0.47 0.00	40.88 -0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.94 -0.58 0.00	31.29 -0.58 0.00	31.60 -0.75 0.00	32.72 -0.84 0.00	34.95 -0.92 0.00	33.56 -0.57 0.00	49.32 -1.10 0.00	55.42 -1.39 0.00	52.61 -1.12 0.00	49.46 -0.55 0.00	38.09 -0.05 0.00	36.05 -0.21 0.00	36.85 -0.37 0.00	38.61 -0.71 0.00	46.17 -1.33 0.00	50.58 -1.60 0.00	97.62 -3.35 0.00	77.80 -2.39 0.00	52.16 -1.92 0.00	45.76 -1.83 0.00	41.96 -1.83 0.00	44.18 -1.58 0.00	41.42 -1.14 0.00	40.28 -0.84 0.00
STA_56___34_KV_BUS2 355983	34.94 -0.58 0.00	31.29 -0.58 0.00	31.60 -0.75 0.00	32.72 -0.84 0.00	34.95 -0.92 0.00	33.56 -0.57 0.00	49.32 -1.10 0.00	55.42 -1.39 0.00	52.61 -1.12 0.00	49.46 -0.55 0.00	38.09 -0.05 0.00	36.05 -0.21 0.00	36.85 -0.37 0.00	38.61 -0.71 0.00	46.17 -1.33 0.00	50.58 -1.60 0.00	97.62 -3.35 0.00	77.80 -2.39 0.00	52.16 -1.92 0.00	45.76 -1.83 0.00	41.96 -1.83 0.00	44.18 -1.58 0.00	41.42 -1.14 0.00	40.28 -0.84 0.00
STA_67___115KV_BK2 355882	35.05 -0.47 0.00	31.39 -0.48 0.00	31.69 -0.65 0.00	32.81 -0.76 0.00	35.04 -0.83 0.00	33.67 -0.46 0.00	49.42 -1.00 0.00	55.51 -1.31 0.00	52.70 -1.04 0.00	49.55 -0.46 0.00	38.20 0.06 0.00	36.13 -0.13 0.00	36.93 -0.29 0.00	38.67 -0.65 0.00	46.21 -1.29 0.00	50.62 -1.56 0.00	97.61 -3.36 0.00	77.80 -2.39 0.00	52.14 -1.94 0.00	45.74 -1.84 0.00	41.95 -1.84 0.00	44.22 -1.55 0.00	41.51 -1.05 0.00	40.39 -0.73 0.00
STA_7___115KV_9TRANS 80674	35.28 -0.23 0.00	31.59 -0.28 0.00	31.89 -0.46 0.00	33.01 -0.55 0.00	35.26 -0.60 0.00	33.90 -0.23 0.00	49.80 -0.62 0.00	55.97 -0.84 0.00	53.17 -0.57 0.00	49.99 -0.02 0.00	38.54 0.40 0.00	36.46 0.20 0.00	37.27 0.05 0.00	39.03 -0.29 0.00	46.64 -0.86 0.00	51.09 -1.08 0.00	98.55 -2.42 0.00	78.61 -1.58 0.00	52.69 -1.39 0.00	46.21 -1.37 0.00	42.37 -1.42 0.00	44.63 -1.13 0.00	41.86 -0.70 0.00	40.72 -0.40 0.00
STA_82___115KV_TB1 80780	35.06 -0.45 0.00	31.40 -0.48 0.00	31.70 -0.64 0.00	32.82 -0.74 0.00	35.06 -0.81 0.00	33.69 -0.44 0.00	49.44 -0.98 0.00	55.53 -1.28 0.00	52.73 -1.01 0.00	49.58 -0.43 0.00	38.21 0.07 0.00	36.15 -0.11 0.00	36.95 -0.27 0.00	38.69 -0.63 0.00	46.22 -1.28 0.00	50.62 -1.55 0.00	97.65 -3.32 0.00	77.84 -2.35 0.00	52.17 -1.91 0.00	45.76 -1.82 0.00	41.98 -1.81 0.00	44.23 -1.53 0.00	41.52 -1.04 0.00	40.40 -0.72 0.00
STEEL___WIND 323596	35.40 -0.11 0.00	31.66 -0.22 0.00	31.91 -0.44 0.00	32.91 -0.65 0.00	35.12 -0.75 0.00	33.83 -0.29 0.00	49.31 -1.11 0.00	55.14 -1.67 0.00	52.53 -1.21 0.00	49.69 -0.32 0.00	38.55 0.41 0.00	36.37 0.10 0.00	37.03 -0.19 0.00	38.58 -0.74 0.00	45.84 -1.66 0.00	50.13 -2.05 0.00	96.03 -4.94 0.00	76.60 -3.59 0.00	51.03 -3.04 0.00	44.72 -2.87 0.00	40.99 -2.81 0.00	43.51 -2.25 0.00	41.18 -1.39 0.00	40.40 -0.72 0.00
STEPHTWN_115KV_BK_2 55603	36.25 0.73 0.00	32.52 0.64 0.00	33.06 0.71 0.00	34.26 0.69 0.00	36.63 0.76 0.00	34.95 0.82 0.00	51.92 1.50 0.00	58.73 1.92 0.00	55.23 1.49 0.00	50.95 0.94 0.00	38.53 0.39 0.00	36.73 0.46 0.00	37.77 0.56 0.00	40.00 0.68 0.00	48.47 0.97 0.00	53.59 1.42 0.00	104.86 3.89 0.00	83.33 3.14 0.00	56.30 2.22 0.00	49.54 1.96 0.00	45.21 1.42 0.00	47.01 1.25 0.00	43.55 0.99 0.00	42.00 0.88 0.00
STEUBEN_REC_LFGE 323667	35.68 0.17 0.00	32.00 0.12 0.00	32.25 -0.10 0.00	33.10 -0.47 0.00	35.58 -0.29 0.00	34.41 0.28 0.00	50.83 0.41 0.00	57.29 0.48 0.00	54.31 0.57 0.00	51.40 1.39 0.00	39.71 1.56 0.00	37.57 1.30 0.00	38.34 1.12 0.00	39.78 0.46 0.00	47.61 0.11 0.00	52.41 0.24 0.00	100.87 -0.10 0.00	80.43 0.24 0.00	53.74 -0.34 0.00	46.44 -1.15 0.00	42.05 -1.75 0.00	43.91 -1.84 0.00	41.42 -1.15 0.00	40.36 -0.76 0.00
STILLWATER___SOLAR 323814	36.70 1.19 0.00	32.89 1.02 0.00	33.47 1.11 0.00	34.81 1.24 0.00	37.23 1.36 0.00	35.47 1.34 0.00	52.64 2.22 0.00	59.80 2.99 0.00	56.03 2.30 0.00	51.55 1.54 0.00	38.88 0.74 0.00	36.95 0.69 0.00	38.18 0.97 0.00	40.60 1.29 0.00	49.11 1.61 0.00	54.39 2.21 0.00	106.86 5.88 0.00	84.84 4.66 0.00	57.36 3.28 0.00	50.37 2.79 0.00	46.01 2.22 0.00	47.88 2.12 0.00	44.33 1.77 0.00	42.89 1.77 0.00
STONY___BROOK 24151	37.35 1.83 0.00	33.35 1.47 0.00	33.54 1.18 0.00	34.81 1.24 0.00	37.23 1.36 0.00	35.71 1.58 0.00	52.68 2.26 0.00	60.29 3.48 0.00	56.38 2.65 0.00	52.16 2.15 0.00	39.61 1.48 0.01	31.33 1.71 6.65	34.72 1.84 4.34	13.04 1.65 27.92	40.88 1.73 8.35	34.75 2.18 19.61	105.90 4.93 0.00	84.56 4.38 0.00	57.89 3.81 0.00	51.02 3.43 0.00	46.14 2.35 0.00	47.50 1.74 0.00	44.21 1.65 0.00	42.81 1.69 0.00
STURGEON_POOL_HYD 23609	37.60 2.09 0.00	33.70 1.83 0.00	34.04 1.69 0.00	35.39 1.82 0.00	37.92 2.05 0.00	36.18 2.06 0.00	53.73 3.30 0.00	61.31 4.50 0.00	57.46 3.72 0.00	53.29 3.28 0.00	40.35 2.21 0.00	38.61 2.35 0.00	39.49 2.27 0.00	41.61 2.30 0.00	50.32 2.82 0.00	55.71 3.53 0.00	108.75 7.77 0.00	86.80 6.61 0.00	58.70 4.62 0.00	51.45 3.87 0.00	46.92 3.13 0.00	48.60 2.84 0.00	45.03 2.47 0.00	43.49 2.37 0.00
ST_LAW_115_BK7_LBMP 345037	35.66 0.15 0.00	32.03 0.15 0.00	32.48 0.13 0.00	33.73 0.16 0.00	36.04 0.17 0.00	34.28 0.15 0.00	50.56 0.13 0.00	56.57 -0.24 0.00	53.92 0.18 0.00	50.18 0.17 0.00	38.47 0.33 0.00	36.50 0.24 0.00	37.39 0.17 0.00	39.63 0.32 0.00	48.09 0.59 0.00	52.49 0.31 0.00	100.72 -0.25 0.00	79.80 -0.39 0.00	53.72 -0.36 0.00	47.44 -0.15 0.00	43.93 0.13 0.00	46.14 0.39 0.00	43.04 0.48 0.00	41.46 0.34 0.00

ST_LAW_115_BK8_LBMP 345038	35.66 0.15 0.00	32.03 0.15 0.00	32.48 0.13 0.00	33.73 0.16 0.00	36.04 0.17 0.00	34.28 0.15 0.00	50.56 0.13 0.00	56.57 -0.24 0.00	53.92 0.18 0.00	50.18 0.17 0.00	38.47 0.33 0.00	36.50 0.24 0.00	37.39 0.17 0.00	39.63 0.32 0.00	48.09 0.59 0.00	52.49 0.31 0.00	100.72 -0.25 0.00	79.80 -0.39 0.00	53.72 -0.36 0.00	47.44 -0.15 0.00	43.93 0.13 0.00	46.14 0.39 0.00	43.04 0.48 0.00	41.46 0.34 0.00
ST_LAW_230_BK5_LBMP 345035	35.66 0.14 0.00	32.02 0.15 0.00	32.47 0.12 0.00	33.72 0.15 0.00	36.04 0.17 0.00	34.27 0.14 0.00	50.55 0.13 0.00	56.57 -0.24 0.00	53.92 0.18 0.00	50.17 0.16 0.00	38.47 0.33 0.00	36.50 0.24 0.00	37.39 0.17 0.00	39.63 0.32 0.00	48.09 0.59 0.00	52.48 0.30 0.00	100.72 -0.25 0.00	79.80 -0.39 0.00	53.72 -0.36 0.00	47.44 -0.15 0.00	43.93 0.14 0.00	46.15 0.39 0.00	43.04 0.48 0.00	41.46 0.34 0.00
ST_LAW_230_BK6_LBMP 345036	35.66 0.14 0.00	32.02 0.15 0.00	32.47 0.12 0.00	33.72 0.15 0.00	36.04 0.17 0.00	34.27 0.14 0.00	50.55 0.13 0.00	56.57 -0.24 0.00	53.92 0.18 0.00	50.17 0.16 0.00	38.47 0.33 0.00	36.50 0.24 0.00	37.39 0.17 0.00	39.63 0.32 0.00	48.09 0.59 0.00	52.48 0.30 0.00	100.72 -0.25 0.00	79.80 -0.39 0.00	53.72 -0.36 0.00	47.44 -0.15 0.00	43.93 0.14 0.00	46.15 0.39 0.00	43.04 0.48 0.00	41.46 0.34 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.64 1.12 0.00	32.88 1.01 0.00	33.26 0.91 0.00	34.55 0.99 0.00	37.00 1.13 0.00	35.26 1.13 0.00	52.21 1.79 0.00	59.40 2.59 0.00	55.69 1.96 0.00	51.80 1.79 0.00	39.36 1.22 0.00	37.65 1.38 0.00	38.61 1.39 0.00	40.64 1.32 0.00	48.96 1.46 0.00	54.09 1.91 0.00	105.28 4.31 0.00	84.01 3.83 0.00	56.81 2.73 0.00	49.80 2.21 0.00	45.45 1.66 0.00	47.15 1.39 0.00	43.76 1.20 0.00	42.36 1.24 0.00
SWANROAD_115KV_TB1 355699	34.25 -1.26 0.00	30.65 -1.23 0.00	30.86 -1.49 0.00	31.89 -1.68 0.00	34.07 -1.80 0.00	32.80 -1.33 0.00	47.58 -2.85 0.00	52.89 -3.92 0.00	50.47 -3.26 0.00	47.75 -2.26 0.00	37.08 -1.07 0.00	34.89 -1.38 0.00	35.52 -1.70 0.00	36.98 -2.34 0.00	43.87 -3.64 0.00	47.90 -4.28 0.00	91.86 -9.12 0.00	73.27 -6.91 0.00	48.81 -5.27 0.00	42.81 -4.77 0.00	39.36 -4.43 0.00	41.94 -3.82 0.00	39.91 -2.66 0.00	39.17 -1.95 0.00
SYNERGY___BIOGAS 323694	35.82 0.31 0.00	32.05 0.17 0.00	32.28 -0.07 0.00	33.36 -0.20 0.00	35.66 -0.21 0.00	34.40 0.27 0.00	50.32 -0.10 0.00	56.39 -0.43 0.00	53.73 -0.01 0.00	50.72 0.71 0.00	39.27 1.12 0.00	37.03 0.76 0.00	37.76 0.54 0.00	39.43 0.12 0.00	46.94 -0.56 0.00	51.33 -0.85 0.00	98.78 -2.19 0.00	78.89 -1.30 0.00	52.65 -1.43 0.00	46.13 -1.46 0.00	42.30 -1.49 0.00	44.75 -1.01 0.00	42.20 -0.36 0.00	41.18 0.06 0.00
SYRACUSE___ENERGY_ST1 323597	35.06 -0.45 0.00	31.47 -0.41 0.00	31.91 -0.44 0.00	33.06 -0.50 0.00	35.31 -0.56 0.00	33.77 -0.36 0.00	49.95 -0.47 0.00	56.43 -0.38 0.00	53.27 -0.47 0.00	49.67 -0.34 0.00	37.93 -0.21 0.00	36.03 -0.23 0.00	36.96 -0.26 0.00	38.95 -0.37 0.00	46.96 -0.54 0.00	51.61 -0.57 0.00	99.81 -1.16 0.00	79.45 -0.74 0.00	53.57 -0.51 0.00	47.05 -0.54 0.00	43.16 -0.63 0.00	45.07 -0.69 0.00	41.93 -0.64 0.00	40.53 -0.59 0.00
SYRACUSE___ENERGY_ST2 323598	35.06 -0.45 0.00	31.47 -0.41 0.00	31.91 -0.44 0.00	33.06 -0.50 0.00	35.31 -0.56 0.00	33.77 -0.36 0.00	49.95 -0.47 0.00	56.43 -0.38 0.00	53.27 -0.47 0.00	49.67 -0.34 0.00	37.93 -0.21 0.00	36.03 -0.23 0.00	36.96 -0.26 0.00	38.95 -0.37 0.00	46.96 -0.54 0.00	51.61 -0.57 0.00	99.81 -1.16 0.00	79.45 -0.74 0.00	53.57 -0.51 0.00	47.05 -0.54 0.00	43.16 -0.63 0.00	45.07 -0.69 0.00	41.93 -0.64 0.00	40.53 -0.59 0.00
SYRACUSE___POWER 24017	35.15 -0.36 0.00	31.54 -0.33 0.00	31.98 -0.37 0.00	33.15 -0.42 0.00	35.40 -0.46 0.00	33.81 -0.32 0.00	50.04 -0.38 0.00	56.56 -0.25 0.00	53.36 -0.38 0.00	49.78 -0.24 0.00	37.99 -0.15 0.00	36.11 -0.16 0.00	37.06 -0.16 0.00	39.02 -0.29 0.00	47.07 -0.44 0.00	51.78 -0.40 0.00	100.28 -0.70 0.00	79.82 -0.36 0.00	53.80 -0.28 0.00	47.23 -0.35 0.00	43.31 -0.48 0.00	45.22 -0.54 0.00	42.03 -0.53 0.00	40.64 -0.48 0.00
TALLMAN___138KV_BK151 55660	36.67 1.16 0.00	32.92 1.04 0.00	33.27 0.93 0.00	34.58 1.02 0.00	37.04 1.17 0.00	35.30 1.17 0.00	52.23 1.81 0.00	59.47 2.66 0.00	55.72 1.99 0.00	51.85 1.84 0.00	39.42 1.28 0.00	37.75 1.49 0.00	38.72 1.50 0.00	40.71 1.39 0.00	48.99 1.49 0.00	54.12 1.94 0.00	105.30 4.33 0.00	84.07 3.89 0.00	56.88 2.80 0.00	49.90 2.31 0.00	45.51 1.72 0.00	47.20 1.44 0.00	43.81 1.25 0.00	42.45 1.33 0.00
TEALLAVE_115KV_TB7 355573	34.93 -0.58 0.00	31.35 -0.53 0.00	31.79 -0.56 0.00	32.94 -0.62 0.00	35.20 -0.68 0.00	33.61 -0.52 0.00	49.72 -0.70 0.00	56.19 -0.62 0.00	53.05 -0.69 0.00	49.47 -0.54 0.00	37.78 -0.36 0.00	35.91 -0.35 0.00	36.85 -0.37 0.00	38.81 -0.51 0.00	46.78 -0.72 0.00	51.46 -0.72 0.00	99.62 -1.35 0.00	79.26 -0.93 0.00	53.41 -0.67 0.00	46.89 -0.69 0.00	43.01 -0.78 0.00	44.90 -0.86 0.00	41.76 -0.80 0.00	40.39 -0.73 0.00
TELGRAPH_34_KV_EAST 80808	35.25 -0.27 0.00	31.54 -0.34 0.00	31.75 -0.60 0.00	32.81 -0.76 0.00	35.04 -0.83 0.00	33.79 -0.34 0.00	49.25 -1.17 0.00	55.02 -1.79 0.00	52.45 -1.28 0.00	49.58 -0.43 0.00	38.42 0.28 0.00	36.21 -0.05 0.00	36.90 -0.32 0.00	38.47 -0.85 0.00	45.72 -1.78 0.00	49.97 -2.21 0.00	96.03 -4.94 0.00	76.62 -3.56 0.00	51.09 -2.99 0.00	44.79 -2.80 0.00	41.09 -2.70 0.00	43.62 -2.14 0.00	41.28 -1.28 0.00	40.40 -0.72 0.00
TEMPLE___115KV_TB 2 55572	34.95 -0.56 0.00	31.38 -0.50 0.00	31.82 -0.53 0.00	32.96 -0.60 0.00	35.22 -0.65 0.00	33.63 -0.50 0.00	49.75 -0.68 0.00	56.21 -0.60 0.00	53.06 -0.67 0.00	49.50 -0.51 0.00	37.81 -0.34 0.00	35.92 -0.34 0.00	36.86 -0.36 0.00	38.82 -0.50 0.00	46.79 -0.72 0.00	51.48 -0.70 0.00	99.67 -1.30 0.00	79.33 -0.85 0.00	53.45 -0.63 0.00	46.93 -0.66 0.00	43.04 -0.75 0.00	44.94 -0.82 0.00	41.79 -0.78 0.00	40.41 -0.71 0.00
TIANA____69_KV_BK 1 55817	37.42 1.91 0.00	33.42 1.55 0.00	33.54 1.19 0.00	34.89 1.33 0.00	37.35 1.48 0.00	35.88 1.75 0.00	52.95 2.53 0.00	60.64 3.83 0.00	56.65 2.92 0.00	52.27 2.26 0.00	39.41 1.27 0.01	31.03 1.45 6.69	34.44 1.58 4.36	12.51 1.25 28.05	40.30 1.20 8.39	34.15 1.67 19.70	105.78 4.80 0.00	84.74 4.56 0.00	58.11 4.03 0.00	50.70 3.12 0.00	45.47 1.68 0.00	46.52 0.76 0.00	43.30 0.73 0.00	42.18 1.06 0.00
TILDEN___115KV_TB1 80814	35.15 -0.36 0.00	31.54 -0.33 0.00	31.98 -0.37 0.00	33.15 -0.42 0.00	35.40 -0.46 0.00	33.81 -0.32 0.00	50.04 -0.38 0.00	56.56 -0.25 0.00	53.36 -0.38 0.00	49.78 -0.24 0.00	37.99 -0.15 0.00	36.11 -0.16 0.00	37.06 -0.16 0.00	39.02 -0.29 0.00	47.07 -0.44 0.00	51.78 -0.40 0.00	100.28 -0.70 0.00	79.82 -0.36 0.00	53.80 -0.28 0.00	47.23 -0.35 0.00	43.31 -0.48 0.00	45.22 -0.54 0.00	42.03 -0.53 0.00	40.64 -0.48 0.00

TRIGEN___CC 323695	37.05 1.53 0.00	33.19 1.31 0.00	33.45 1.10 0.00	34.75 1.18 0.00	37.16 1.29 0.00	35.51 1.38 0.00	52.49 2.06 0.00	59.93 3.12 0.00	56.15 2.42 0.00	52.23 2.22 0.00	39.90 1.71 -0.04	37.67 1.88 0.48	38.99 1.97 0.19	33.91 1.84 7.25	47.70 1.88 1.68	48.94 2.29 5.53	105.95 4.98 0.00	84.77 4.58 0.00	57.67 3.59 0.00	50.58 3.00 0.00	46.03 2.24 0.00	47.68 1.92 0.00	44.29 1.73 0.00	42.84 1.72 0.00
TRINITY___115KV___4 BK 55933	35.81 0.30 0.00	32.15 0.27 0.00	32.67 0.32 0.00	33.90 0.33 0.00	36.22 0.35 0.00	34.51 0.38 0.00	51.10 0.68 0.00	57.98 1.17 0.00	54.43 0.69 0.00	50.30 0.29 0.00	38.07 -0.08 0.00	36.27 0.00 0.00	37.29 0.07 0.00	39.51 0.20 0.00	47.80 0.30 0.00	52.86 0.68 0.00	103.38 2.41 0.00	82.15 1.97 0.00	55.51 1.43 0.00	48.75 1.17 0.00	44.61 0.82 0.00	46.40 0.64 0.00	43.03 0.47 0.00	41.57 0.45 0.00
UNION___PROCESSING_DRP 323587	35.07 -0.45 0.00	31.41 -0.47 0.00	31.72 -0.63 0.00	32.83 -0.73 0.00	35.07 -0.80 0.00	33.70 -0.43 0.00	49.45 -0.97 0.00	55.55 -1.26 0.00	52.75 -0.99 0.00	49.59 -0.42 0.00	38.23 0.09 0.00	36.17 -0.10 0.00	36.96 -0.26 0.00	38.69 -0.62 0.00	46.23 -1.28 0.00	50.66 -1.52 0.00	97.70 -3.28 0.00	77.87 -2.31 0.00	52.18 -1.90 0.00	45.78 -1.81 0.00	41.99 -1.80 0.00	44.25 -1.50 0.00	41.54 -1.03 0.00	40.41 -0.71 0.00
UPPER HUDSON___HYD 24058	36.28 0.77 0.00	32.50 0.62 0.00	33.15 0.80 0.00	34.53 0.96 0.00	36.93 1.06 0.00	35.04 0.91 0.00	52.09 1.67 0.00	59.29 2.47 0.00	55.51 1.78 0.00	50.88 0.87 0.00	38.28 0.14 0.00	36.37 0.11 0.00	37.68 0.46 0.00	40.18 0.86 0.00	48.58 1.08 0.00	53.86 1.68 0.00	106.16 5.19 0.00	84.15 3.97 0.00	56.97 2.89 0.00	50.01 2.42 0.00	45.62 1.83 0.00	47.58 1.83 0.00	43.97 1.40 0.00	42.60 1.48 0.00
UPPER RAQUET___HYD 24056	36.16 0.65 0.00	32.47 0.60 0.00	32.95 0.60 0.00	34.35 0.78 0.00	36.85 0.99 0.00	35.09 0.96 0.00	52.80 2.37 0.00	59.68 2.87 0.00	56.68 2.94 0.00	52.42 2.41 0.00	40.03 1.89 0.00	38.17 1.90 0.00	39.21 1.99 0.00	41.94 2.62 0.00	50.95 3.45 0.00	55.56 3.38 0.00	107.12 6.15 0.00	85.07 4.89 0.00	57.37 3.29 0.00	50.44 2.85 0.00	46.17 2.37 0.00	48.46 2.70 0.00	44.50 1.94 0.00	42.44 1.32 0.00
VALLEY44_115KV_TB2 355964	35.39 -0.12 0.00	31.74 -0.14 0.00	32.00 -0.35 0.00	33.16 -0.41 0.00	35.41 -0.46 0.00	33.99 -0.14 0.00	49.23 -1.20 0.00	55.73 -1.08 0.00	52.49 -1.24 0.00	49.71 -0.31 0.00	38.67 0.53 0.00	36.95 0.68 0.00	37.97 0.75 0.00	39.46 0.14 0.00	46.85 -0.65 0.00	50.98 -1.19 0.00	96.73 -4.24 0.00	77.00 -3.19 0.00	51.73 -2.35 0.00	45.42 -2.17 0.00	41.48 -2.31 0.00	43.78 -1.98 0.00	41.61 -0.95 0.00	40.78 -0.34 0.00
VALLEY___115KV_TB 1-4 80826	35.15 -0.36 0.00	31.48 -0.40 0.00	31.95 -0.40 0.00	33.27 -0.29 0.00	35.59 -0.28 0.00	33.97 -0.16 0.00	50.47 0.05 0.00	57.42 0.61 0.00	53.92 0.19 0.00	49.79 -0.22 0.00	37.41 -0.73 0.00	35.58 -0.69 0.00	36.88 -0.34 0.00	39.20 -0.12 0.00	47.46 -0.04 0.00	52.56 0.38 0.00	102.68 1.70 0.00	81.58 1.40 0.00	55.24 1.16 0.00	48.49 0.90 0.00	44.30 0.51 0.00	45.88 0.12 0.00	42.30 -0.26 0.00	40.88 -0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.13 1.61 0.00	33.34 1.46 0.00	33.88 1.53 0.00	35.18 1.61 0.00	37.60 1.73 0.00	35.79 1.66 0.00	53.12 2.70 0.00	60.23 3.41 0.00	56.60 2.86 0.00	52.70 2.69 0.00	40.06 1.92 0.00	38.08 1.81 0.00	39.09 1.87 0.00	41.19 1.87 0.00	49.73 2.23 0.00	54.78 2.60 0.00	106.30 5.33 0.00	84.71 4.53 0.00	57.23 3.15 0.00	50.25 2.66 0.00	46.03 2.23 0.00	47.90 2.14 0.00	44.45 1.88 0.00	42.90 1.78 0.00
VISCHER___FERRY HYD 24020	36.26 0.75 0.00	32.50 0.62 0.00	33.04 0.69 0.00	34.34 0.78 0.00	36.71 0.84 0.00	35.01 0.88 0.00	51.89 1.46 0.00	58.90 2.09 0.00	55.26 1.52 0.00	50.95 0.95 0.00	38.48 0.33 0.00	36.61 0.34 0.00	37.71 0.48 0.00	40.02 0.70 0.00	48.40 0.90 0.00	53.60 1.43 0.00	105.16 4.19 0.00	83.53 3.35 0.00	56.45 2.37 0.00	49.60 2.01 0.00	45.35 1.55 0.00	47.18 1.42 0.00	43.75 1.19 0.00	42.30 1.18 0.00
V_A_10_SYNC_DSASP 323832	34.56 -0.95 0.00	30.95 -0.93 0.00	31.20 -1.15 0.00	32.28 -1.28 0.00	34.45 -1.42 0.00	33.16 -0.97 0.00	48.33 -2.09 0.00	54.03 -2.78 0.00	51.40 -2.34 0.00	48.50 -1.51 0.00	37.53 -0.61 0.00	35.46 -0.81 0.00	36.16 -1.06 0.00	37.74 -1.57 0.00	44.91 -2.59 0.00	49.08 -3.10 0.00	94.25 -6.72 0.00	75.16 -5.02 0.00	50.25 -3.83 0.00	44.10 -3.49 0.00	40.47 -3.33 0.00	42.90 -2.86 0.00	40.54 -2.02 0.00	39.67 -1.45 0.00
V_CMM_10_SYNC_DSASP 323787	35.84 0.33 0.00	32.18 0.31 0.00	32.64 0.29 0.00	33.89 0.33 0.00	36.22 0.35 0.00	34.45 0.32 0.00	50.82 0.40 0.00	56.87 0.06 0.00	54.19 0.45 0.00	50.43 0.42 0.00	38.67 0.53 0.00	36.69 0.43 0.00	37.59 0.37 0.00	39.84 0.53 0.00	48.33 0.83 0.00	52.76 0.59 0.00	101.28 0.31 0.00	80.23 0.05 0.00	54.01 -0.07 0.00	47.69 0.11 0.00	44.15 0.36 0.00	46.39 0.63 0.00	43.26 0.70 0.00	41.68 0.56 0.00
V_CMP_10_SYNC_DSASP 323788	35.67 0.16 0.00	32.12 0.24 0.00	32.56 0.21 0.00	34.06 0.49 0.00	36.55 0.68 0.00	34.85 0.72 0.00	51.60 1.17 0.00	58.18 1.37 0.00	55.24 1.51 0.00	51.13 1.12 0.00	39.01 0.86 0.00	37.13 0.86 0.00	38.14 0.92 0.00	40.97 1.66 0.00	49.93 2.43 0.00	54.10 1.92 0.00	103.18 2.21 0.00	81.13 0.94 0.00	54.94 0.86 0.00	48.71 1.13 0.00	44.71 0.92 0.00	46.95 1.19 0.00	43.72 1.15 0.00	42.17 1.06 0.00
V_D_10_SYNC_DSASP 323841	35.99 0.48 0.00	32.32 0.44 0.00	32.78 0.43 0.00	34.03 0.47 0.00	36.38 0.51 0.00	34.60 0.47 0.00	51.03 0.61 0.00	57.12 0.31 0.00	54.42 0.68 0.00	50.66 0.65 0.00	38.85 0.71 0.00	36.85 0.59 0.00	37.75 0.54 0.00	40.02 0.71 0.00	48.57 1.07 0.00	53.00 0.82 0.00	101.73 0.76 0.00	80.61 0.43 0.00	54.27 0.19 0.00	47.90 0.32 0.00	44.34 0.55 0.00	46.58 0.82 0.00	43.47 0.90 0.00	41.87 0.75 0.00
V_E_10_SYNC_DSASP 323830	38.38 2.87 0.00	34.47 2.59 0.00	34.81 2.46 0.00	36.20 2.63 0.00	38.67 2.80 0.00	37.17 3.04 0.00	56.10 5.67 0.00	68.36 11.55 0.00	61.95 8.21 0.00	57.06 7.05 0.00	42.77 4.63 0.00	40.98 4.72 0.00	42.48 5.25 0.00	44.93 5.61 0.00	54.41 6.91 0.00	60.06 7.88 0.00	114.29 13.32 0.00	89.13 8.95 0.00	60.21 6.13 0.00	52.83 5.25 0.00	48.28 4.48 0.00	50.14 4.39 0.00	46.09 3.53 0.00	43.95 2.83 0.00
V_F_30_NSYNC___DSASP 323816	36.79 1.28 0.00	32.97 1.09 0.00	33.54 1.19 0.00	34.89 1.32 0.00	37.31 1.44 0.00	35.55 1.42 0.00	52.77 2.34 0.00	59.93 3.12 0.00	56.18 2.45 0.00	51.69 1.68 0.00	38.99 0.85 0.00	37.07 0.80 0.00	38.29 1.08 0.00	40.72 1.40 0.00	49.24 1.74 0.00	54.53 2.35 0.00	107.10 6.13 0.00	85.04 4.86 0.00	57.48 3.40 0.00	50.48 2.89 0.00	46.11 2.31 0.00	47.99 2.24 0.00	44.44 1.88 0.00	42.97 1.85 0.00

V_F_30_SYNC_DSASP 323786	35.93 0.42 0.00	32.25 0.37 0.00	32.77 0.42 0.00	34.00 0.44 0.00	36.34 0.47 0.00	34.64 0.51 0.00	51.30 0.88 0.00	58.21 1.40 0.00	54.64 0.90 0.00	50.53 0.51 0.00	38.24 0.10 0.00	36.44 0.17 0.00	37.47 0.25 0.00	39.70 0.39 0.00	48.01 0.51 0.00	53.08 0.91 0.00	103.85 2.87 0.00	82.49 2.30 0.00	55.73 1.66 0.00	48.95 1.36 0.00	44.78 0.99 0.00	46.56 0.80 0.00	43.18 0.62 0.00	41.71 0.59 0.00
V_XM_10_SYNC_DSASP 323789	35.67 0.16 0.00	32.12 0.24 0.00	32.56 0.21 0.00	34.06 0.49 0.00	36.55 0.68 0.00	34.85 0.72 0.00	51.60 1.17 0.00	58.18 1.37 0.00	55.24 1.51 0.00	51.13 1.12 0.00	39.01 0.86 0.00	37.13 0.86 0.00	38.14 0.92 0.00	40.97 1.66 0.00	49.93 2.43 0.00	54.10 1.92 0.00	103.18 2.21 0.00	81.13 0.94 0.00	54.94 0.86 0.00	48.71 1.13 0.00	44.71 0.92 0.00	46.95 1.19 0.00	43.72 1.15 0.00	42.17 1.06 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.78 1.26 0.00	33.01 1.14 0.00	33.37 1.03 0.00	34.69 1.12 0.00	37.15 1.28 0.00	35.40 1.27 0.00	52.39 1.97 0.00	59.66 2.85 0.00	55.89 2.15 0.00	52.01 2.00 0.00	39.54 1.40 0.00	37.87 1.60 0.00	38.84 1.62 0.00	40.84 1.52 0.00	49.14 1.64 0.00	54.29 2.11 0.00	105.67 4.70 0.00	84.36 4.17 0.00	57.07 2.99 0.00	50.06 2.48 0.00	45.68 1.88 0.00	47.35 1.60 0.00	43.97 1.40 0.00	42.58 1.46 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.93 1.41 0.00	33.11 1.23 0.00	33.42 1.08 0.00	34.76 1.19 0.00	37.24 1.37 0.00	35.51 1.38 0.00	52.65 2.23 0.00	60.02 3.21 0.00	56.30 2.56 0.00	52.44 2.43 0.00	39.86 1.72 0.00	38.19 1.92 0.00	39.18 1.95 0.00	41.20 1.88 0.00	49.56 2.06 0.00	54.71 2.53 0.00	106.56 5.59 0.00	85.01 4.82 0.00	57.50 3.42 0.00	50.43 2.84 0.00	46.03 2.24 0.00	47.69 1.93 0.00	44.22 1.66 0.00	42.77 1.65 0.00
W50THST__13_KV_LOAD 356117	37.09 1.58 0.00	33.25 1.38 0.00	33.58 1.23 0.00	34.92 1.35 0.00	37.38 1.51 0.00	35.67 1.54 0.00	52.90 2.48 0.00	60.33 3.52 0.00	56.62 2.88 0.00	52.75 2.74 0.00	40.12 1.97 0.00	38.43 2.17 0.00	39.44 2.22 0.00	41.49 2.17 0.00	49.88 2.38 0.00	55.07 2.89 0.00	107.22 6.25 0.00	85.52 5.34 0.00	57.82 3.74 0.00	50.68 3.10 0.00	46.25 2.46 0.00	47.93 2.17 0.00	44.43 1.87 0.00	42.95 1.83 0.00
WADING RIVER_IC_1 23522	37.24 1.72 0.00	33.15 1.28 0.00	33.30 0.95 0.00	34.60 1.04 0.00	37.02 1.16 0.00	35.56 1.43 0.00	52.45 2.02 0.00	60.05 3.24 0.00	56.10 2.36 0.00	51.76 1.75 0.00	38.95 0.82 0.01	30.58 1.00 6.69	34.03 1.18 4.37	11.98 0.73 28.07	39.72 0.61 8.40	33.46 0.99 19.71	104.70 3.73 0.00	84.16 3.97 0.00	57.69 3.61 0.00	50.46 2.88 0.00	45.23 1.43 0.00	46.18 0.42 0.00	42.99 0.43 0.00	41.94 0.82 0.00
WADING RIVER_IC_2 23547	37.24 1.72 0.00	33.15 1.28 0.00	33.30 0.95 0.00	34.60 1.04 0.00	37.02 1.16 0.00	35.56 1.43 0.00	52.45 2.02 0.00	60.05 3.24 0.00	56.10 2.36 0.00	51.76 1.75 0.00	38.95 0.82 0.01	30.58 1.00 6.69	34.03 1.18 4.37	11.98 0.73 28.07	39.72 0.61 8.40	33.46 0.99 19.71	104.70 3.73 0.00	84.16 3.97 0.00	57.69 3.61 0.00	50.46 2.88 0.00	45.23 1.43 0.00	46.18 0.42 0.00	42.99 0.43 0.00	41.94 0.82 0.00
WADING RIVER_IC_3 23601	37.24 1.72 0.00	33.15 1.28 0.00	33.30 0.95 0.00	34.60 1.04 0.00	37.02 1.16 0.00	35.56 1.43 0.00	52.45 2.02 0.00	60.05 3.24 0.00	56.10 2.36 0.00	51.76 1.75 0.00	38.95 0.82 0.01	30.58 1.00 6.69	34.03 1.18 4.37	11.98 0.73 28.07	39.72 0.61 8.40	33.46 0.99 19.71	104.70 3.73 0.00	84.16 3.97 0.00	57.69 3.61 0.00	50.46 2.88 0.00	45.23 1.43 0.00	46.18 0.42 0.00	42.99 0.43 0.00	41.94 0.82 0.00
WALDENNY_12_KV_BK2 80841	35.38 -0.13 0.00	31.66 -0.22 0.00	31.87 -0.48 0.00	32.91 -0.66 0.00	35.11 -0.76 0.00	33.85 -0.28 0.00	49.31 -1.11 0.00	55.14 -1.68 0.00	52.52 -1.22 0.00	49.71 -0.30 0.00	38.57 0.42 0.00	36.37 0.10 0.00	37.05 -0.17 0.00	38.58 -0.73 0.00	45.84 -1.66 0.00	50.12 -2.06 0.00	95.97 -5.00 0.00	76.60 -3.59 0.00	51.05 -3.03 0.00	44.73 -2.85 0.00	41.03 -2.76 0.00	43.56 -2.20 0.00	41.25 -1.31 0.00	40.43 -0.69 0.00
WALDEN__HYDRO 24148	36.94 1.43 0.00	33.13 1.26 0.00	33.50 1.15 0.00	34.82 1.25 0.00	37.28 1.41 0.00	35.55 1.42 0.00	52.68 2.26 0.00	59.99 3.18 0.00	56.24 2.50 0.00	52.23 2.22 0.00	39.63 1.49 0.00	37.88 1.61 0.00	38.84 1.62 0.00	40.92 1.60 0.00	49.37 1.87 0.00	54.59 2.42 0.00	106.39 5.42 0.00	84.89 4.70 0.00	57.41 3.33 0.00	50.32 2.73 0.00	45.93 2.14 0.00	47.61 1.86 0.00	44.17 1.60 0.00	42.71 1.59 0.00
WARRENSBURG____ 23737	36.28 0.77 0.00	32.50 0.62 0.00	33.15 0.80 0.00	34.53 0.96 0.00	36.93 1.06 0.00	35.04 0.91 0.00	52.09 1.67 0.00	59.29 2.47 0.00	55.51 1.78 0.00	50.88 0.87 0.00	38.28 0.14 0.00	36.37 0.11 0.00	37.68 0.46 0.00	40.18 0.86 0.00	48.58 1.08 0.00	53.86 1.68 0.00	106.16 5.19 0.00	84.15 3.97 0.00	56.97 2.89 0.00	50.01 2.42 0.00	45.62 1.83 0.00	47.58 1.83 0.00	43.97 1.40 0.00	42.60 1.48 0.00
WATERSIDE____6 8 9 23538	36.92 1.40 0.00	33.10 1.23 0.00	33.42 1.07 0.00	34.75 1.18 0.00	37.24 1.37 0.00	35.51 1.38 0.00	52.65 2.23 0.00	60.00 3.19 0.00	56.27 2.54 0.00	52.41 2.40 0.00	39.87 1.73 0.00	38.19 1.92 0.00	39.17 1.95 0.00	41.20 1.88 0.00	49.52 2.02 0.00	54.67 2.50 0.00	106.47 5.49 0.00	84.94 4.75 0.00	57.44 3.36 0.00	50.41 2.83 0.00	46.02 2.23 0.00	47.68 1.92 0.00	44.20 1.64 0.00	42.77 1.65 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.36 -0.15 0.00	31.71 -0.17 0.00	32.20 -0.15 0.00	33.47 -0.10 0.00	35.81 -0.06 0.00	34.10 -0.03 0.00	50.59 0.17 0.00	57.40 0.59 0.00	53.98 0.24 0.00	49.98 -0.03 0.00	37.73 -0.41 0.00	35.89 -0.38 0.00	36.96 -0.26 0.00	39.18 -0.13 0.00	47.41 -0.10 0.00	52.40 0.22 0.00	102.24 1.27 0.00	81.23 1.04 0.00	54.92 0.84 0.00	48.25 0.66 0.00	44.17 0.38 0.00	45.88 0.13 0.00	42.48 -0.09 0.00	41.03 -0.10 0.00
WATSON__69_KV_BK 1 55734	37.67 2.16 0.00	33.66 1.78 0.00	33.84 1.49 0.00	35.13 1.57 0.00	37.58 1.71 0.00	36.03 1.90 0.00	53.19 2.76 0.00	60.85 4.04 0.00	56.91 3.18 0.00	52.70 2.69 0.00	40.06 1.93 0.01	32.05 2.15 6.36	35.33 2.25 4.14	14.44 2.11 26.99	41.73 2.27 8.04	36.02 2.82 18.97	107.12 6.15 0.00	85.57 5.39 0.00	58.67 4.59 0.00	51.51 3.92 0.00	46.68 2.89 0.00	48.14 2.38 0.00	44.80 2.24 0.00	43.34 2.22 0.00
WDELAWARE__HYD 323627	36.48 0.97 0.00	32.70 0.83 0.00	33.09 0.74 0.00	34.38 0.82 0.00	36.83 0.95 0.00	35.15 1.02 0.00	52.18 1.76 0.00	59.46 2.64 0.00	55.83 2.10 0.00	51.69 1.67 0.00	39.11 0.97 0.00	37.41 1.14 0.00	38.27 1.05 0.00	40.45 1.14 0.00	48.84 1.34 0.00	54.11 1.93 0.00	105.44 4.47 0.00	84.04 3.85 0.00	56.83 2.75 0.00	49.81 2.22 0.00	45.45 1.66 0.00	47.12 1.36 0.00	43.66 1.09 0.00	42.16 1.04 0.00

WEST BABYLON___IC 23714	37.59 2.08 0.00	33.60 1.72 0.00	33.76 1.41 0.00	35.04 1.47 0.00	37.47 1.60 0.00	35.90 1.77 0.00	52.99 2.57 0.00	60.63 3.81 0.00	56.71 2.97 0.00	52.59 2.59 0.00	40.04 1.90 0.00	32.72 2.11 5.66	35.75 2.20 3.67	16.70 2.05 24.66	42.38 2.16 7.28	37.50 2.72 17.40	106.84 5.87 0.00	85.37 5.19 0.00	58.42 4.33 0.00	51.30 3.72 0.00	46.56 2.77 0.00	48.10 2.34 0.00	44.82 2.25 0.00	43.33 2.21 0.00
WEST CANADA___HYD 24049	35.53 0.01 0.00	31.88 0.00 0.00	32.38 0.03 0.00	33.60 0.03 0.00	35.90 0.03 0.00	34.10 -0.03 0.00	50.43 0.00 0.00	56.95 0.14 0.00	53.74 0.00 0.00	50.01 0.00 0.00	38.07 -0.07 0.00	36.20 -0.07 0.00	37.18 -0.04 0.00	39.28 -0.04 0.00	47.43 -0.07 0.00	52.22 0.04 0.00	101.30 0.33 0.00	80.51 0.32 0.00	54.35 0.27 0.00	47.77 0.19 0.00	43.88 0.08 0.00	45.76 0.00 0.00	42.55 -0.01 0.00	41.11 -0.01 0.00
WESTERN_NY_WIND 24143	35.81 0.30 0.00	32.02 0.15 0.00	32.26 -0.09 0.00	33.33 -0.23 0.00	35.62 -0.24 0.00	34.37 0.24 0.00	50.26 -0.16 0.00	56.31 -0.50 0.00	53.67 -0.07 0.00	50.67 0.66 0.00	39.25 1.11 0.00	36.99 0.72 0.00	37.73 0.51 0.00	39.37 0.06 0.00	46.87 -0.63 0.00	51.25 -0.93 0.00	98.62 -2.35 0.00	78.74 -1.45 0.00	52.57 -1.51 0.00	46.05 -1.54 0.00	42.23 -1.57 0.00	44.68 -1.08 0.00	42.16 -0.40 0.00	41.14 0.02 0.00
WESTOVER___LESR 323668	35.59 0.07 0.00	31.98 0.10 0.00	32.43 0.07 0.00	33.57 0.00 0.00	35.87 0.00 0.00	34.20 0.06 0.00	50.63 0.21 0.00	57.37 0.55 0.00	53.91 0.18 0.00	50.42 0.41 0.00	38.45 0.30 0.00	36.51 0.24 0.00	37.51 0.29 0.00	39.36 0.05 0.00	47.49 -0.02 0.00	52.42 0.24 0.00	101.31 0.33 0.00	80.68 0.49 0.00	54.46 0.38 0.00	47.79 0.20 0.00	43.71 -0.09 0.00	45.60 -0.16 0.00	42.40 -0.17 0.00	41.08 -0.04 0.00
WETHRSFD_WT_PWR 323626	35.17 -0.34 0.00	31.54 -0.34 0.00	31.78 -0.57 0.00	32.69 -0.87 0.00	34.89 -0.98 0.00	33.58 -0.55 0.00	49.18 -1.24 0.00	55.25 -1.56 0.00	52.51 -1.22 0.00	49.62 -0.40 0.00	38.40 0.26 0.00	36.27 0.00 0.00	36.96 -0.26 0.00	38.44 -0.87 0.00	45.84 -1.67 0.00	50.31 -1.87 0.00	96.60 -4.37 0.00	76.87 -3.31 0.00	51.33 -2.75 0.00	44.78 -2.81 0.00	40.85 -2.94 0.00	43.19 -2.58 0.00	40.74 -1.83 0.00	39.88 -1.24 0.00
WHAVSTOR_138KV_BK127 55557	36.63 1.12 0.00	32.89 1.01 0.00	33.24 0.89 0.00	34.55 0.98 0.00	37.00 1.13 0.00	35.25 1.12 0.00	52.17 1.75 0.00	59.38 2.57 0.00	55.63 1.90 0.00	51.77 1.75 0.00	39.35 1.21 0.00	37.69 1.42 0.00	38.66 1.44 0.00	40.64 1.33 0.00	48.92 1.41 0.00	54.04 1.87 0.00	105.17 4.20 0.00	83.95 3.76 0.00	56.80 2.72 0.00	49.82 2.24 0.00	45.46 1.66 0.00	47.15 1.39 0.00	43.77 1.21 0.00	42.40 1.27 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.63 1.12 0.00	32.89 1.01 0.00	33.24 0.89 0.00	34.55 0.98 0.00	37.00 1.13 0.00	35.25 1.12 0.00	52.17 1.75 0.00	59.38 2.57 0.00	55.63 1.90 0.00	51.77 1.75 0.00	39.35 1.21 0.00	37.69 1.42 0.00	38.66 1.44 0.00	40.64 1.33 0.00	48.92 1.41 0.00	54.04 1.87 0.00	105.17 4.20 0.00	83.95 3.76 0.00	56.80 2.72 0.00	49.82 2.24 0.00	45.46 1.66 0.00	47.15 1.39 0.00	43.77 1.21 0.00	42.40 1.27 0.00
WHITEHAL_115KV_TB1 80871	36.59 1.08 0.00	32.75 0.87 0.00	33.49 1.14 0.00	35.10 1.54 0.00	37.68 1.81 0.00	36.12 1.99 0.00	53.58 3.15 0.00	61.24 4.43 0.00	57.41 3.67 0.00	52.00 1.99 0.00	38.70 0.56 0.00	36.75 0.48 0.00	38.33 1.11 0.00	41.28 1.96 0.00	49.86 2.36 0.00	55.43 3.25 0.00	110.08 9.11 0.00	86.50 6.31 0.00	58.85 4.77 0.00	51.69 4.10 0.00	46.85 3.06 0.00	48.35 2.59 0.00	44.65 2.08 0.00	43.43 2.31 0.00
WHITEPLN_13_KV_LOAD 356215	37.12 1.61 0.00	33.27 1.40 0.00	33.61 1.26 0.00	34.93 1.37 0.00	37.41 1.54 0.00	35.70 1.57 0.00	52.95 2.53 0.00	60.37 3.56 0.00	56.61 2.87 0.00	52.65 2.64 0.00	39.99 1.85 0.00	38.27 2.00 0.00	39.26 2.04 0.00	41.31 1.99 0.00	49.75 2.24 0.00	54.99 2.82 0.00	107.20 6.23 0.00	85.54 5.36 0.00	57.87 3.79 0.00	50.74 3.15 0.00	46.28 2.49 0.00	47.97 2.21 0.00	44.48 1.92 0.00	43.02 1.90 0.00
WM_FLOYD_69_KV_BK2 356380	37.32 1.81 0.00	33.31 1.44 0.00	33.48 1.13 0.00	34.77 1.20 0.00	37.18 1.32 0.00	35.70 1.57 0.00	52.65 2.23 0.00	60.26 3.45 0.00	56.31 2.58 0.00	52.00 2.00 0.00	39.31 1.18 0.01	31.00 1.40 6.67	34.39 1.53 4.35	12.57 1.25 28.00	40.36 1.23 8.37	34.22 1.70 19.66	105.60 4.63 0.00	84.62 4.43 0.00	57.97 3.89 0.00	50.78 3.19 0.00	45.73 1.94 0.00	46.92 1.16 0.00	43.69 1.13 0.00	42.44 1.32 0.00
WOODARD__115KV_TB2 355635	34.85 -0.67 0.00	31.28 -0.59 0.00	31.72 -0.63 0.00	32.87 -0.70 0.00	35.12 -0.75 0.00	33.57 -0.56 0.00	49.67 -0.75 0.00	56.11 -0.70 0.00	52.98 -0.75 0.00	49.41 -0.60 0.00	37.73 -0.41 0.00	35.86 -0.41 0.00	36.79 -0.42 0.00	38.76 -0.55 0.00	46.73 -0.77 0.00	51.39 -0.79 0.00	99.36 -1.61 0.00	79.06 -1.13 0.00	53.28 -0.80 0.00	46.79 -0.79 0.00	42.93 -0.86 0.00	44.82 -0.94 0.00	41.68 -0.88 0.00	40.29 -0.82 0.00
YORK___WARBASSE 23770	37.08 1.57 0.00	33.25 1.38 0.00	33.57 1.22 0.00	34.89 1.33 0.00	37.40 1.53 0.00	35.68 1.55 0.00	52.86 2.44 0.00	60.17 3.35 0.00	56.42 2.68 0.00	52.54 2.54 0.00	40.03 1.89 0.00	38.35 2.08 0.00	39.33 2.11 0.00	41.34 2.03 0.00	49.65 2.15 0.00	54.75 2.57 0.00	106.57 5.60 0.00	85.01 4.82 0.00	57.55 3.47 0.00	50.58 2.99 0.00	46.19 2.40 0.00	47.87 2.11 0.00	44.40 1.84 0.00	43.00 1.88 0.00