

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/01/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	37.52	34.79	34.79	33.75	32.58	38.27	52.70	38.73	31.66	33.14	35.36	30.58	30.04	32.30	39.86	33.73	145.08	38.74	44.99	39.46	45.46	42.71	41.55	41.54
24138	1.57	1.44	1.35	1.22	1.14	1.44	2.32	1.95	1.77	2.06	2.02	1.42	1.50	1.58	2.39	1.77	9.68	2.61	2.82	2.41	2.65	2.19	2.20	2.17
	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	37.57	34.85	34.85	33.81	32.64	38.35	52.77	38.79	31.70	33.17	35.38	30.59	30.05	32.30	39.89	33.72	145.18	38.76	44.99	39.48	45.49	42.75	41.59	41.58
24260	1.63	1.50	1.41	1.28	1.21	1.52	2.40	2.01	1.80	2.09	2.05	1.43	1.51	1.58	2.42	1.75	9.79	2.63	2.83	2.43	2.68	2.23	2.23	2.22
	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	37.57	34.85	34.85	33.81	32.64	38.35	52.77	38.79	31.70	33.17	35.38	30.59	30.05	32.30	39.89	33.72	145.18	38.76	44.99	39.48	45.49	42.75	41.59	41.58
24261	1.63	1.50	1.41	1.28	1.21	1.52	2.40	2.01	1.80	2.09	2.05	1.43	1.51	1.58	2.42	1.75	9.79	2.63	2.83	2.43	2.68	2.23	2.23	2.22
	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	37.98	35.11	35.20	34.41	33.28	39.13	53.58	38.98	31.46	32.49	34.62	30.34	29.58	31.84	38.81	33.09	141.10	37.73	43.85	38.29	44.30	42.15	41.00	41.02
24011	2.03	1.76	1.77	1.88	1.84	2.30	3.21	2.20	1.56	1.41	1.28	1.18	1.04	1.12	1.35	1.13	5.70	1.60	1.69	1.23	1.49	1.63	1.65	1.66
	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	38.13	35.20	35.28	34.57	33.45	39.38	54.00	39.27	31.64	32.63	34.65	30.41	29.61	31.89	38.91	33.22	141.76	37.96	44.10	38.46	44.53	42.38	41.21	41.20
23798	2.18	1.84	1.85	2.04	2.01	2.55	3.62	2.49	1.74	1.55	1.32	1.26	1.06	1.16	1.44	1.26	6.36	1.83	1.94	1.41	1.72	1.86	1.86	1.84
	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	37.98	35.11	35.20	34.41	33.28	39.13	53.58	38.98	31.46	3														

ALBANY___2 23572	36.30 0.36 0.00	33.77 0.42 0.00	33.80 0.36 0.00	32.88 0.35 0.00	31.79 0.35 0.00	37.17 0.34 0.00	50.60 0.23 0.00	37.10 0.32 0.00	30.26 0.36 0.00	31.43 0.35 0.00	33.61 0.27 0.00	29.38 0.22 0.00	28.74 0.20 0.00	30.92 0.20 0.00	37.77 0.31 0.00	32.21 0.25 0.00	136.96 1.56 0.00	36.57 0.44 0.00	42.67 0.51 0.00	37.37 0.32 0.00	43.07 0.26 0.00	40.84 0.31 0.00	39.72 0.36 0.00	39.76 0.40 0.00
ALBANY___3 23573	36.30 0.36 0.00	33.77 0.42 0.00	33.80 0.36 0.00	32.88 0.35 0.00	31.79 0.35 0.00	37.17 0.34 0.00	50.60 0.23 0.00	37.10 0.32 0.00	30.26 0.36 0.00	31.43 0.35 0.00	33.61 0.27 0.00	29.38 0.22 0.00	28.74 0.20 0.00	30.92 0.20 0.00	37.77 0.31 0.00	32.21 0.25 0.00	136.96 1.56 0.00	36.57 0.44 0.00	42.67 0.51 0.00	37.37 0.32 0.00	43.07 0.26 0.00	40.84 0.31 0.00	39.72 0.36 0.00	39.76 0.40 0.00
ALBANY___4 23574	36.30 0.36 0.00	33.77 0.42 0.00	33.80 0.36 0.00	32.88 0.35 0.00	31.79 0.35 0.00	37.17 0.34 0.00	50.60 0.23 0.00	37.10 0.32 0.00	30.26 0.36 0.00	31.43 0.35 0.00	33.61 0.27 0.00	29.38 0.22 0.00	28.74 0.20 0.00	30.92 0.20 0.00	37.77 0.31 0.00	32.21 0.25 0.00	136.96 1.56 0.00	36.57 0.44 0.00	42.67 0.51 0.00	37.37 0.32 0.00	43.07 0.26 0.00	40.84 0.31 0.00	39.72 0.36 0.00	39.76 0.40 0.00
ALBANY___LFGE 323615	36.69 0.75 0.00	34.11 0.75 0.00	34.11 0.67 0.00	33.20 0.67 0.00	32.10 0.66 0.00	37.55 0.72 0.00	51.15 0.77 0.00	37.50 0.71 0.00	30.56 0.66 0.00	31.72 0.64 0.00	33.92 0.58 0.00	29.65 0.49 0.00	29.01 0.47 0.00	31.20 0.48 0.00	38.10 0.63 0.00	32.51 0.55 0.00	138.41 3.01 0.00	36.94 0.81 0.00	43.10 0.94 0.00	37.74 0.69 0.00	43.51 0.70 0.00	41.26 0.74 0.00	40.12 0.77 0.00	40.16 0.80 0.00
ALCOA_PA_115KV_PL-6C 55860	36.11 0.16 0.00	33.50 0.14 0.00	33.61 0.17 0.00	32.71 0.18 0.00	31.61 0.17 0.00	37.06 0.23 0.00	50.77 0.40 0.00	36.98 0.20 0.00	29.88 -0.02 0.00	30.84 -0.24 0.00	33.08 -0.26 0.00	28.89 -0.27 0.00	28.27 -0.27 0.00	30.44 -0.28 0.00	37.07 -0.40 0.00	31.62 -0.34 0.00	133.74 -1.66 0.00	35.87 -0.26 0.00	42.11 -0.05 0.00	37.15 0.10 0.00	43.02 0.22 0.00	40.75 0.23 0.00	39.47 0.11 0.00	39.43 0.07 0.00
ALCOA_RYNLDS___DRP 24188	36.11 0.16 0.00	33.49 0.14 0.00	33.61 0.17 0.00	32.71 0.18 0.00	31.61 0.17 0.00	37.06 0.23 0.00	50.77 0.40 0.00	36.98 0.20 0.00	29.88 -0.02 0.00	30.84 -0.24 0.00	33.08 -0.26 0.00	28.89 -0.27 0.00	28.27 -0.27 0.00	30.44 -0.28 0.00	37.07 -0.40 0.00	31.62 -0.34 0.00	133.74 -1.66 0.00	35.87 -0.26 0.00	42.11 -0.05 0.00	37.15 0.10 0.00	43.02 0.21 0.00	40.75 0.23 0.00	39.47 0.11 0.00	39.43 0.07 0.00
ALCOA___DSASP 323711	36.11 0.16 0.00	33.49 0.14 0.00	33.61 0.17 0.00	32.71 0.18 0.00	31.61 0.17 0.00	37.06 0.23 0.00	50.77 0.40 0.00	36.98 0.20 0.00	29.88 -0.02 0.00	30.84 -0.24 0.00	33.08 -0.26 0.00	28.89 -0.27 0.00	28.27 -0.27 0.00	30.44 -0.28 0.00	37.07 -0.40 0.00	31.62 -0.34 0.00	133.74 -1.66 0.00	35.87 -0.26 0.00	42.11 -0.05 0.00	37.15 0.10 0.00	43.02 0.21 0.00	40.75 0.23 0.00	39.47 0.11 0.00	39.43 0.07 0.00
ALLEGHENY___COGEN 23514	36.42 0.47 0.00	31.90 0.19 1.65	33.90 0.46 0.00	32.93 0.40 0.00	31.90 0.46 0.00	37.76 0.93 0.00	51.62 1.25 0.00	37.21 0.43 0.00	29.83 -0.07 0.00	31.50 0.42 0.00	34.29 0.95 0.00	30.54 1.38 0.00	29.48 0.94 0.00	31.82 1.10 0.00	36.07 0.88 2.27	32.81 0.85 0.00	69.25 0.76 66.91	36.62 0.49 0.00	42.41 0.26 0.00	37.85 0.79 0.00	43.81 1.00 0.00	36.46 0.68 4.75	39.89 0.53 0.00	39.78 0.41 0.00
ALTAMONT_115KV_TB 2 55880	36.70 0.75 0.00	34.10 0.74 0.00	34.14 0.70 0.00	33.20 0.67 0.00	32.08 0.64 0.00	37.55 0.72 0.00	51.29 0.91 0.00	37.50 0.72 0.00	30.50 0.60 0.00	31.69 0.61 0.00	33.91 0.57 0.00	29.62 0.46 0.00	29.00 0.45 0.00	31.20 0.48 0.00	38.13 0.67 0.00	32.50 0.54 0.00	138.35 2.96 0.00	36.90 0.77 0.00	43.08 0.92 0.00	37.76 0.71 0.00	43.59 0.78 0.00	41.29 0.77 0.00	40.17 0.82 0.00	40.21 0.84 0.00
ALTONA_WT_PWR 323606	36.21 0.26 0.00	33.63 0.28 0.00	33.80 0.37 0.00	32.91 0.39 0.00	31.82 0.38 0.00	37.29 0.46 0.00	51.00 0.63 0.00	37.22 0.44 0.00	30.10 0.20 0.00	30.98 -0.10 0.00	33.15 -0.19 0.00	29.01 -0.15 0.00	28.32 -0.23 0.00	30.45 -0.28 0.00	37.16 -0.31 0.00	31.81 -0.15 0.00	134.80 -0.60 0.00	36.18 0.05 0.00	42.42 0.26 0.00	37.40 0.34 0.00	43.34 0.53 0.00	41.11 0.58 0.00	39.78 0.43 0.00	39.68 0.32 0.00
AMERICAN_REF_FUEL 24010	33.67 -2.27 0.00	29.60 -2.38 1.38	31.33 -2.11 0.00	30.35 -2.18 0.00	29.31 -2.13 0.00	34.62 -2.21 0.00	46.82 -3.55 0.00	34.01 -2.77 0.00	28.40 -1.50 0.00	29.93 -1.15 0.00	32.55 -0.79 0.00	28.67 -0.49 0.00	28.00 -0.54 0.00	30.06 -0.67 0.00	33.84 -1.69 1.94	30.53 -1.43 0.00	67.03 -11.21 57.16	33.14 -2.99 0.00	38.17 -3.99 0.00	33.81 -3.24 0.00	39.00 -3.81 0.00	32.84 -3.63 4.05	35.89 -3.47 0.00	36.10 -3.26 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.48 -1.47 0.00	30.20 -1.52 1.64	32.45 -0.99 0.00	31.63 -0.90 0.00	30.61 -0.83 0.00	36.28 -0.55 0.00	49.17 -1.20 0.00	35.94 -0.84 0.00	29.83 -0.07 0.00	31.82 0.74 0.00	34.39 1.05 0.00	30.49 1.33 0.00	29.63 1.08 0.00	31.76 1.04 0.00	35.42 0.29 2.33	32.35 0.39 0.00	63.61 -3.13 68.65	35.43 -0.70 0.00	40.79 -1.36 0.00	36.20 -0.85 0.00	41.54 -1.27 0.00	34.00 -1.65 4.87	37.68 -1.68 0.00	37.81 -1.55 0.00
ARTHUR KILL_GT_1 23520	37.62 1.67 0.00	34.91 1.55 0.00	34.91 1.47 0.00	33.88 1.35 0.00	32.71 1.27 0.00	38.42 1.59 0.00	52.88 2.51 0.00	38.86 2.09 0.00	31.68 1.79 0.00	33.06 1.98 0.00	35.22 1.88 0.00	30.44 1.28 0.00	29.95 1.40 0.00	32.25 1.53 0.00	39.85 2.39 0.00	33.74 1.78 0.00	145.19 9.79 0.00	38.75 2.62 0.00	45.07 2.91 0.00	39.64 2.59 0.00	45.70 2.89 0.00	42.93 2.41 0.00	41.79 2.43 0.00	41.79 2.43 0.00
ARTHUR_KILL_2 23512	37.53 1.58 0.00	34.83 1.48 0.00	34.82 1.38 0.00	33.80 1.27 0.00	32.63 1.20 0.00	38.32 1.49 0.00	52.75 2.38 0.00	38.77 1.99 0.00	31.61 1.71 0.00	33.00 1.92 0.00	35.16 1.82 0.00	30.39 1.23 0.00	29.90 1.36 0.00	32.20 1.48 0.00	39.78 2.31 0.00	33.68 1.72 0.00	144.93 9.53 0.00	38.67 2.54 0.00	44.97 2.82 0.00	39.56 2.50 0.00	45.57 2.76 0.00	42.82 2.30 0.00	41.69 2.33 0.00	41.68 2.32 0.00
ARTHUR_KILL_3 23513	37.30 1.36 0.00	34.62 1.27 0.00	34.62 1.17 0.00	33.58 1.05 0.00	32.43 0.99 0.00	38.07 1.24 0.00	52.40 2.02 0.00	38.50 1.72 0.00	31.43 1.54 0.00	32.89 1.81 0.00	35.08 1.74 0.00	30.32 1.17 0.00	29.82 1.27 0.00	32.03 1.31 0.00	39.54 2.08 0.00	33.45 1.49 0.00	143.89 8.49 0.00	38.42 2.29 0.00	44.64 2.49 0.00	39.18 2.13 0.00	45.15 2.34 0.00	42.43 1.91 0.00	41.29 1.93 0.00	41.30 1.94 0.00

ARTHUR_KILL_COGEN 323718	37.62 1.67 0.00	34.91 1.56 0.00	34.91 1.47 0.00	33.88 1.36 0.00	32.71 1.27 0.00	38.41 1.58 0.00	52.88 2.51 0.00	38.87 2.09 0.00	31.68 1.79 0.00	33.06 1.98 0.00	35.22 1.88 0.00	30.44 1.28 0.00	29.95 1.41 0.00	32.26 1.54 0.00	39.84 2.38 0.00	33.74 1.78 0.00	145.19 9.79 0.00	38.75 2.62 0.00	45.07 2.91 0.00	39.65 2.59 0.00	45.69 2.88 0.00	42.93 2.40 0.00	41.79 2.43 0.00	41.79 2.42 0.00
ASHOKAN____ 23654	37.83 1.89 0.00	35.10 1.75 0.00	35.13 1.69 0.00	34.12 1.59 0.00	32.99 1.55 0.00	38.68 1.85 0.00	53.18 2.81 0.00	38.95 2.17 0.00	31.59 1.69 0.00	32.72 1.65 0.00	34.88 1.54 0.00	30.18 1.03 0.00	29.59 1.05 0.00	31.77 1.05 0.00	38.86 1.39 0.00	33.20 1.24 0.00	142.81 7.41 0.00	38.31 2.18 0.00	44.69 2.53 0.00	39.27 2.22 0.00	45.33 2.52 0.00	42.74 2.21 0.00	41.51 2.15 0.00	41.45 2.09 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.22 1.27 0.00	34.55 1.20 0.00	34.54 1.10 0.00	33.51 0.98 0.00	32.35 0.91 0.00	37.95 1.13 0.00	52.20 1.82 0.00	38.41 1.63 0.00	31.43 1.53 0.00	32.85 1.77 0.00	35.02 1.68 0.00	30.22 1.07 0.00	29.72 1.18 0.00	31.95 1.23 0.00	39.41 1.95 0.00	33.34 1.38 0.00	143.60 8.20 0.00	38.31 2.18 0.00	44.55 2.39 0.00	39.17 2.11 0.00	45.02 2.21 0.00	42.36 1.84 0.00	41.24 1.89 0.00	41.24 1.88 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.22 1.27 0.00	34.55 1.20 0.00	34.54 1.10 0.00	33.51 0.98 0.00	32.35 0.91 0.00	37.95 1.13 0.00	52.20 1.82 0.00	38.41 1.63 0.00	31.43 1.53 0.00	32.85 1.77 0.00	35.02 1.68 0.00	30.22 1.07 0.00	29.72 1.18 0.00	31.95 1.23 0.00	39.41 1.95 0.00	33.34 1.38 0.00	143.60 8.20 0.00	38.31 2.18 0.00	44.55 2.39 0.00	39.17 2.11 0.00	45.02 2.21 0.00	42.36 1.84 0.00	41.24 1.89 0.00	41.24 1.88 0.00
ASTORIA_GT2_1 24094	37.25 1.30 0.00	34.56 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.43 1.65 0.00	31.44 1.55 0.00	32.87 1.79 0.00	35.03 1.70 0.00	30.25 1.09 0.00	29.74 1.20 0.00	31.96 1.24 0.00	39.44 1.98 0.00	33.35 1.39 0.00	143.71 8.32 0.00	38.33 2.20 0.00	44.57 2.42 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.38 1.86 0.00	41.26 1.91 0.00	41.28 1.91 0.00
ASTORIA_GT2_2 24095	37.25 1.30 0.00	34.56 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.43 1.65 0.00	31.44 1.55 0.00	32.87 1.79 0.00	35.03 1.70 0.00	30.25 1.09 0.00	29.74 1.20 0.00	31.96 1.24 0.00	39.44 1.98 0.00	33.35 1.39 0.00	143.71 8.32 0.00	38.33 2.20 0.00	44.57 2.42 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.38 1.86 0.00	41.26 1.91 0.00	41.28 1.91 0.00
ASTORIA_GT2_3 24096	37.25 1.30 0.00	34.56 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.43 1.65 0.00	31.44 1.55 0.00	32.87 1.79 0.00	35.03 1.70 0.00	30.25 1.09 0.00	29.74 1.20 0.00	31.96 1.24 0.00	39.44 1.98 0.00	33.35 1.39 0.00	143.71 8.32 0.00	38.33 2.20 0.00	44.57 2.42 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.38 1.86 0.00	41.26 1.91 0.00	41.28 1.91 0.00
ASTORIA_GT2_4 24097	37.25 1.30 0.00	34.56 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.43 1.65 0.00	31.44 1.55 0.00	32.87 1.79 0.00	35.03 1.70 0.00	30.25 1.09 0.00	29.74 1.20 0.00	31.96 1.24 0.00	39.44 1.98 0.00	33.35 1.39 0.00	143.71 8.32 0.00	38.33 2.20 0.00	44.57 2.42 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.38 1.86 0.00	41.26 1.91 0.00	41.28 1.91 0.00
ASTORIA_GT3_1 24098	37.25 1.30 0.00	34.56 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.43 1.65 0.00	31.44 1.55 0.00	32.87 1.79 0.00	35.03 1.70 0.00	30.25 1.09 0.00	29.74 1.20 0.00	31.96 1.24 0.00	39.44 1.98 0.00	33.35 1.39 0.00	143.71 8.32 0.00	38.33 2.20 0.00	44.57 2.42 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.38 1.86 0.00	41.26 1.91 0.00	41.28 1.91 0.00
ASTORIA_GT3_2 24099	37.25 1.30 0.00	34.56 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.43 1.65 0.00	31.44 1.55 0.00	32.87 1.79 0.00	35.03 1.70 0.00	30.25 1.09 0.00	29.74 1.20 0.00	31.96 1.24 0.00	39.44 1.98 0.00	33.35 1.39 0.00	143.71 8.32 0.00	38.33 2.20 0.00	44.57 2.42 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.38 1.86 0.00	41.26 1.91 0.00	41.28 1.91 0.00
ASTORIA_GT3_3 24100	37.25 1.30 0.00	34.56 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.43 1.65 0.00	31.44 1.55 0.00	32.87 1.79 0.00	35.03 1.70 0.00	30.25 1.09 0.00	29.74 1.20 0.00	31.96 1.24 0.00	39.44 1.98 0.00	33.35 1.39 0.00	143.71 8.32 0.00	38.33 2.20 0.00	44.57 2.42 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.38 1.86 0.00	41.26 1.91 0.00	41.28 1.91 0.00
ASTORIA_GT3_4 24101	37.25 1.30 0.00	34.56 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.43 1.65 0.00	31.44 1.55 0.00	32.87 1.79 0.00	35.03 1.70 0.00	30.25 1.09 0.00	29.74 1.20 0.00	31.96 1.24 0.00	39.44 1.98 0.00	33.35 1.39 0.00	143.71 8.32 0.00	38.33 2.20 0.00	44.57 2.42 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.38 1.86 0.00	41.26 1.91 0.00	41.28 1.91 0.00
ASTORIA_GT4_1 24102	37.25 1.30 0.00	34.56 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.43 1.65 0.00	31.44 1.55 0.00	32.87 1.79 0.00	35.03 1.70 0.00	30.25 1.09 0.00	29.74 1.20 0.00	31.96 1.24 0.00	39.44 1.98 0.00	33.35 1.39 0.00	143.71 8.32 0.00	38.33 2.20 0.00	44.57 2.42 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.38 1.86 0.00	41.26 1.91 0.00	41.28 1.91 0.00
ASTORIA_GT4_2 24103	37.25 1.30 0.00	34.56 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.43 1.65 0.00	31.44 1.55 0.00	32.87 1.79 0.00	35.03 1.70 0.00	30.25 1.09 0.00	29.74 1.20 0.00	31.96 1.24 0.00	39.44 1.98 0.00	33.35 1.39 0.00	143.71 8.32 0.00	38.33 2.20 0.00	44.57 2.42 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.38 1.86 0.00	41.26 1.91 0.00	41.28 1.91 0.00
ASTORIA_GT4_3 24104	37.25 1.30 0.00	34.56 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.43 1.65 0.00	31.44 1.55 0.00	32.87 1.79 0.00	35.03 1.70 0.00	30.25 1.09 0.00	29.74 1.20 0.00	31.96 1.24 0.00	39.44 1.98 0.00	33.35 1.39 0.00	143.71 8.32 0.00	38.33 2.20 0.00	44.57 2.42 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.38 1.86 0.00	41.26 1.91 0.00	41.28 1.91 0.00

ASTORIA_GT4_4 24105	37.25 1.30 0.00	34.56 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.43 1.65 0.00	31.44 1.55 0.00	32.87 1.79 0.00	35.03 1.70 0.00	30.25 1.09 0.00	29.74 1.20 0.00	31.96 1.24 0.00	39.44 1.98 0.00	33.35 1.39 0.00	143.71 8.32 0.00	38.33 2.20 0.00	44.57 2.42 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.38 1.86 0.00	41.26 1.91 0.00	41.28 1.91 0.00
ASTORIA_GT_1 23523	37.31 1.36 0.00	34.61 1.26 0.00	34.61 1.17 0.00	33.58 1.05 0.00	32.42 0.98 0.00	38.05 1.22 0.00	52.32 1.95 0.00	38.50 1.73 0.00	31.51 1.61 0.00	32.93 1.86 0.00	35.10 1.77 0.00	30.31 1.16 0.00	29.79 1.25 0.00	32.03 1.31 0.00	39.52 2.05 0.00	33.42 1.46 0.00	143.99 8.59 0.00	38.41 2.28 0.00	44.66 2.50 0.00	39.26 2.20 0.00	45.15 2.34 0.00	42.46 1.94 0.00	41.33 1.98 0.00	41.35 1.98 0.00
ASTORIA_GT_10 24110	37.34 1.39 0.00	34.64 1.29 0.00	34.64 1.20 0.00	33.61 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.43 2.06 0.00	38.56 1.78 0.00	31.51 1.61 0.00	32.95 1.87 0.00	35.16 1.82 0.00	30.38 1.22 0.00	29.87 1.33 0.00	32.09 1.36 0.00	39.60 2.14 0.00	33.50 1.54 0.00	144.25 8.85 0.00	38.48 2.35 0.00	44.68 2.52 0.00	39.24 2.19 0.00	45.20 2.39 0.00	42.48 1.96 0.00	41.33 1.98 0.00	41.32 1.96 0.00
ASTORIA_GT_11 24225	37.34 1.39 0.00	34.64 1.29 0.00	34.64 1.20 0.00	33.61 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.43 2.06 0.00	38.56 1.78 0.00	31.51 1.61 0.00	32.95 1.87 0.00	35.16 1.82 0.00	30.38 1.22 0.00	29.87 1.33 0.00	32.09 1.36 0.00	39.60 2.14 0.00	33.50 1.54 0.00	144.25 8.85 0.00	38.48 2.35 0.00	44.68 2.52 0.00	39.24 2.19 0.00	45.20 2.39 0.00	42.48 1.96 0.00	41.33 1.98 0.00	41.32 1.96 0.00
ASTORIA_GT_12 24226	37.34 1.39 0.00	34.64 1.29 0.00	34.64 1.20 0.00	33.61 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.43 2.06 0.00	38.56 1.78 0.00	31.51 1.61 0.00	32.95 1.87 0.00	35.16 1.82 0.00	30.38 1.22 0.00	29.87 1.33 0.00	32.09 1.36 0.00	39.60 2.14 0.00	33.50 1.54 0.00	144.25 8.85 0.00	38.48 2.35 0.00	44.68 2.52 0.00	39.24 2.19 0.00	45.20 2.39 0.00	42.48 1.96 0.00	41.33 1.98 0.00	41.32 1.96 0.00
ASTORIA_GT_13 24227	37.34 1.39 0.00	34.64 1.29 0.00	34.64 1.20 0.00	33.61 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.43 2.06 0.00	38.56 1.78 0.00	31.51 1.61 0.00	32.95 1.87 0.00	35.16 1.82 0.00	30.38 1.22 0.00	29.87 1.33 0.00	32.09 1.36 0.00	39.60 2.14 0.00	33.50 1.54 0.00	144.25 8.85 0.00	38.48 2.35 0.00	44.68 2.52 0.00	39.24 2.19 0.00	45.20 2.39 0.00	42.48 1.96 0.00	41.33 1.98 0.00	41.32 1.96 0.00
ASTORIA_GT_5 24106	37.31 1.36 0.00	34.61 1.26 0.00	34.61 1.17 0.00	33.58 1.05 0.00	32.42 0.98 0.00	38.05 1.22 0.00	52.32 1.95 0.00	38.50 1.73 0.00	31.51 1.61 0.00	32.93 1.86 0.00	35.10 1.77 0.00	30.31 1.16 0.00	29.79 1.25 0.00	32.03 1.31 0.00	39.52 2.05 0.00	33.42 1.46 0.00	143.99 8.59 0.00	38.41 2.28 0.00	44.66 2.50 0.00	39.26 2.20 0.00	45.15 2.34 0.00	42.46 1.94 0.00	41.33 1.98 0.00	41.35 1.98 0.00
ASTORIA_GT_7 24107	37.31 1.36 0.00	34.61 1.26 0.00	34.61 1.17 0.00	33.58 1.05 0.00	32.42 0.98 0.00	38.05 1.22 0.00	52.32 1.95 0.00	38.50 1.73 0.00	31.51 1.61 0.00	32.93 1.86 0.00	35.10 1.77 0.00	30.31 1.16 0.00	29.79 1.25 0.00	32.03 1.31 0.00	39.52 2.05 0.00	33.42 1.46 0.00	143.99 8.59 0.00	38.41 2.28 0.00	44.66 2.50 0.00	39.26 2.20 0.00	45.15 2.34 0.00	42.46 1.94 0.00	41.33 1.98 0.00	41.35 1.98 0.00
ASTORIA_GT_8 24108	37.31 1.36 0.00	34.61 1.26 0.00	34.61 1.17 0.00	33.58 1.05 0.00	32.42 0.98 0.00	38.05 1.22 0.00	52.32 1.95 0.00	38.50 1.73 0.00	31.51 1.61 0.00	32.93 1.86 0.00	35.10 1.77 0.00	30.31 1.16 0.00	29.79 1.25 0.00	32.03 1.31 0.00	39.52 2.05 0.00	33.42 1.46 0.00	143.99 8.59 0.00	38.41 2.28 0.00	44.66 2.50 0.00	39.26 2.20 0.00	45.15 2.34 0.00	42.46 1.94 0.00	41.33 1.98 0.00	41.35 1.98 0.00
ASTORIA___2 24149	37.24 1.30 0.00	34.57 1.21 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.37 0.93 0.00	37.98 1.15 0.00	52.22 1.85 0.00	38.43 1.66 0.00	31.45 1.55 0.00	32.87 1.79 0.00	35.03 1.69 0.00	30.24 1.09 0.00	29.74 1.20 0.00	31.97 1.25 0.00	39.43 1.97 0.00	33.36 1.40 0.00	143.72 8.32 0.00	38.33 2.20 0.00	44.57 2.41 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.39 1.86 0.00	41.26 1.91 0.00	41.27 1.91 0.00
ASTORIA___3 23516	37.34 1.39 0.00	34.65 1.30 0.00	34.64 1.20 0.00	33.60 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.43 2.05 0.00	38.56 1.78 0.00	31.51 1.61 0.00	32.95 1.87 0.00	35.16 1.82 0.00	30.38 1.22 0.00	29.88 1.34 0.00	32.09 1.37 0.00	39.59 2.13 0.00	33.51 1.55 0.00	144.25 8.85 0.00	38.48 2.35 0.00	44.69 2.53 0.00	39.24 2.19 0.00	45.19 2.38 0.00	42.48 1.96 0.00	41.34 1.98 0.00	41.31 1.95 0.00
ASTORIA___4 23517	37.34 1.39 0.00	34.64 1.29 0.00	34.64 1.20 0.00	33.61 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.43 2.06 0.00	38.56 1.78 0.00	31.51 1.61 0.00	32.95 1.87 0.00	35.16 1.82 0.00	30.38 1.22 0.00	29.87 1.33 0.00	32.09 1.36 0.00	39.60 2.14 0.00	33.50 1.54 0.00	144.25 8.85 0.00	38.48 2.35 0.00	44.68 2.52 0.00	39.24 2.19 0.00	45.20 2.39 0.00	42.48 1.96 0.00	41.33 1.98 0.00	41.32 1.96 0.00
ASTORIA___5 23518	37.34 1.39 0.00	34.65 1.30 0.00	34.64 1.20 0.00	33.60 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.43 2.05 0.00	38.56 1.78 0.00	31.51 1.61 0.00	32.95 1.87 0.00	35.16 1.82 0.00	30.38 1.22 0.00	29.88 1.34 0.00	32.09 1.37 0.00	39.59 2.13 0.00	33.51 1.55 0.00	144.25 8.85 0.00	38.48 2.35 0.00	44.69 2.53 0.00	39.24 2.19 0.00	45.19 2.38 0.00	42.48 1.96 0.00	41.34 1.98 0.00	41.31 1.95 0.00
AST_ENERGY_2_CC3 323677	37.34 1.40 0.00	34.65 1.30 0.00	34.64 1.20 0.00	33.61 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.42 2.04 0.00	38.52 1.74 0.00	31.47 1.57 0.00	32.93 1.85 0.00	35.12 1.79 0.00	30.31 1.15 0.00	29.79 1.25 0.00	32.01 1.29 0.01	39.59 2.13 0.00	-191.98 1.47 225.40	141.13 8.71 2.97	38.49 2.36 0.00	44.68 2.53 0.00	39.20 2.15 0.00	45.16 2.35 0.00	42.46 1.94 0.00	41.32 1.97 0.00	41.32 1.95 0.00
AST_ENERGY_2_CC4 323678	37.34 1.40 0.00	34.65 1.30 0.00	34.64 1.20 0.00	33.61 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.42 2.04 0.00	38.52 1.74 0.00	31.47 1.57 0.00	32.93 1.85 0.00	35.12 1.79 0.00	30.31 1.15 0.00	29.79 1.25 0.00	32.01 1.29 0.01	39.59 2.13 0.00	-191.98 1.47 225.40	141.13 8.71 2.97	38.49 2.36 0.00	44.68 2.53 0.00	39.20 2.15 0.00	45.16 2.35 0.00	42.46 1.94 0.00	41.32 1.97 0.00	41.32 1.95 0.00

ATHENS_STG_1 23668	36.83 0.89 0.00	34.24 0.89 0.00	34.27 0.83 0.00	33.29 0.76 0.00	32.15 0.71 0.00	37.64 0.81 0.00	51.55 1.17 0.00	37.74 0.96 0.00	30.75 0.85 0.00	32.01 0.93 0.00	34.22 0.88 0.00	29.83 0.67 0.00	29.25 0.70 0.00	31.46 0.74 0.00	38.53 1.07 0.00	32.83 0.86 0.00	139.94 4.54 0.00	37.34 1.21 0.00	43.50 1.35 0.00	38.15 1.10 0.00	44.00 1.19 0.00	41.58 1.06 0.00	40.51 1.15 0.00	40.53 1.16 0.00
ATHENS_STG_2 23670	36.83 0.89 0.00	34.24 0.89 0.00	34.27 0.83 0.00	33.29 0.76 0.00	32.15 0.71 0.00	37.64 0.81 0.00	51.55 1.17 0.00	37.74 0.96 0.00	30.75 0.85 0.00	32.01 0.93 0.00	34.22 0.88 0.00	29.83 0.67 0.00	29.25 0.70 0.00	31.46 0.74 0.00	38.53 1.07 0.00	32.83 0.86 0.00	139.94 4.54 0.00	37.34 1.21 0.00	43.50 1.35 0.00	38.15 1.10 0.00	44.00 1.19 0.00	41.58 1.06 0.00	40.51 1.15 0.00	40.53 1.16 0.00
ATHENS_STG_3 23677	36.83 0.89 0.00	34.24 0.89 0.00	34.27 0.83 0.00	33.29 0.76 0.00	32.15 0.71 0.00	37.64 0.81 0.00	51.55 1.17 0.00	37.74 0.96 0.00	30.75 0.85 0.00	32.01 0.93 0.00	34.22 0.88 0.00	29.83 0.67 0.00	29.25 0.70 0.00	31.46 0.74 0.00	38.53 1.07 0.00	32.83 0.86 0.00	139.94 4.54 0.00	37.34 1.21 0.00	43.50 1.35 0.00	38.15 1.10 0.00	44.00 1.19 0.00	41.58 1.06 0.00	40.51 1.15 0.00	40.53 1.16 0.00
AUBURN___LFGE 323710	35.92 -0.08 -0.06	32.81 -0.12 0.43	33.24 -0.20 0.00	32.41 -0.11 0.00	31.39 -0.05 0.00	36.77 -0.06 0.00	50.41 0.04 0.00	36.71 -0.07 0.00	29.73 -0.17 0.00	30.98 -0.10 0.00	33.27 -0.07 0.00	29.28 0.12 0.00	28.67 0.12 0.00	30.92 0.19 0.00	36.90 0.02 0.58	32.10 0.14 0.00	118.28 0.10 17.22	36.26 0.13 0.00	42.21 0.05 0.00	37.04 -0.01 0.00	42.86 0.05 0.00	39.10 -0.18 1.24	39.17 -0.18 0.00	39.17 -0.19 0.00
BABYLON_RES_REC 323704	56.15 2.03 -18.17	42.94 1.96 -7.62	42.22 1.91 -6.87	42.24 1.80 -7.92	46.27 1.68 -13.14	46.39 1.94 -7.62	52.26 1.88 0.00	38.42 1.64 0.00	31.60 1.70 0.00	41.44 2.15 -8.21	35.02 1.69 0.00	32.24 1.49 -1.59	30.05 1.50 0.00	35.14 1.68 -2.73	39.46 1.99 0.00	33.68 1.71 0.00	136.17 5.76 4.98	40.82 2.38 -2.31	44.50 2.34 0.00	48.22 2.12 -9.04	45.13 2.33 0.00	42.84 1.96 -0.36	49.38 2.24 -7.79	50.21 2.32 -8.52
BALL_HILL_WT_PWR 323825	34.48 -1.46 0.00	30.16 -1.61 1.58	32.23 -1.21 0.00	31.32 -1.20 0.00	30.26 -1.18 0.00	35.80 -1.03 0.00	48.61 -1.77 0.00	35.44 -1.34 0.00	29.40 -0.50 0.00	31.23 0.15 0.00	33.75 0.42 0.00	29.86 0.71 0.00	29.06 0.51 0.00	31.18 0.45 0.00	34.88 -0.35 2.23	31.77 -0.20 0.00	63.95 -5.61 65.83	34.73 -1.40 0.00	40.00 -2.16 0.00	35.50 -1.56 0.00	40.85 -1.96 0.00	33.73 -2.13 4.67	37.29 -2.07 0.00	37.42 -1.95 0.00
BARON_WINDS___WT_PWR 323822	34.47 -1.47 0.00	29.32 -1.62 2.41	32.21 -1.23 0.00	31.33 -1.20 0.00	30.32 -1.12 0.00	35.79 -1.04 0.00	48.74 -1.63 0.00	35.50 -1.28 0.00	28.94 -0.95 0.00	30.80 -0.28 0.00	33.17 -0.17 0.00	29.47 0.32 0.00	28.57 0.02 0.00	30.75 0.02 0.00	33.46 -0.65 3.35	31.62 -0.35 0.00	31.79 -4.82 98.79	35.11 -1.02 0.00	40.44 -1.72 0.00	35.94 -1.11 0.00	41.36 -1.45 0.00	31.72 -1.81 7.00	37.72 -1.64 0.00	37.68 -1.68 0.00
BARRETT_IC_1 23704	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09
BARRETT_IC_10 23701	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09
BARRETT_IC_11 23702	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09
BARRETT_IC_12 23703	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09
BARRETT_IC_2 23705	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09
BARRETT_IC_3 23706	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09
BARRETT_IC_4 23707	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09
BARRETT_IC_5 23708	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09

BARRETT_IC_6 23709	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09
BARRETT_IC_7 23710	55.29 1.86 -17.48	42.39 1.80 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.53 -12.47	45.79 1.73 -7.23	52.17 1.79 0.00	38.37 1.59 0.00	31.57 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.15 1.61 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.63 5.74 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.51 2.05 -8.09
BARRETT_IC_8 23711	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09
BARRETT_IC_9 23700	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09
BARRETT___1 23545	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09
BARRETT___2 23546	55.29 1.86 -17.48	42.40 1.81 -7.23	41.71 1.75 -6.52	41.68 1.63 -7.52	45.44 1.52 -12.47	45.79 1.73 -7.23	52.16 1.79 0.00	38.37 1.59 0.00	31.56 1.67 0.00	40.99 2.12 -7.79	35.14 1.80 0.00	32.25 1.59 -1.51	30.16 1.62 0.00	35.05 1.74 -2.59	39.63 2.16 0.00	33.75 1.79 0.00	135.53 5.64 5.51	40.60 2.28 -2.19	44.34 2.18 0.00	47.59 1.95 -8.58	45.13 2.32 0.00	42.73 1.87 -0.34	48.75 2.00 -7.39	49.50 2.05 -8.09
BATAVIA___115KV_TB1 55881	35.26 -0.69 0.00	31.29 -0.90 1.16	32.74 -0.70 0.00	31.77 -0.76 0.00	30.73 -0.71 0.00	36.33 -0.50 0.00	49.43 -0.94 0.00	35.86 -0.92 0.00	29.51 -0.39 0.00	30.82 -0.26 0.00	33.70 0.36 0.00	29.48 0.32 0.00	29.06 0.51 0.00	31.42 0.70 0.00	35.92 0.08 1.63	31.93 -0.04 0.00	83.08 -4.38 47.94	34.99 -1.14 0.00	40.27 -1.89 0.00	35.81 -1.24 0.00	41.46 -1.35 0.00	35.78 -1.35 3.40	37.98 -1.37 0.00	38.05 -1.31 0.00
BAYONEEC___CTG1 323682	37.37 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.11 0.00	38.56 1.79 0.00	31.50 1.60 0.00	32.94 1.86 0.00	35.15 1.81 0.00	30.37 1.22 0.00	29.85 1.31 0.00	32.08 1.36 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.26 8.86 0.00	38.52 2.39 0.00	44.74 2.58 0.00	39.25 2.20 0.00	45.23 2.42 0.00	42.51 1.99 0.00	41.38 2.02 0.00	41.36 2.00 0.00
BAYONEEC___CTG10 323750	37.37 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.11 0.00	38.56 1.79 0.00	31.50 1.60 0.00	32.94 1.86 0.00	35.15 1.81 0.00	30.37 1.22 0.00	29.85 1.31 0.00	32.08 1.36 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.26 8.86 0.00	38.52 2.39 0.00	44.74 2.58 0.00	39.25 2.20 0.00	45.23 2.42 0.00	42.51 1.99 0.00	41.38 2.02 0.00	41.36 2.00 0.00
BAYONEEC___CTG2 323683	37.37 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.11 0.00	38.56 1.79 0.00	31.50 1.60 0.00	32.94 1.86 0.00	35.15 1.81 0.00	30.37 1.22 0.00	29.85 1.31 0.00	32.08 1.36 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.26 8.86 0.00	38.52 2.39 0.00	44.74 2.58 0.00	39.25 2.20 0.00	45.23 2.42 0.00	42.51 1.99 0.00	41.38 2.02 0.00	41.36 2.00 0.00
BAYONEEC___CTG3 323684	37.37 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.11 0.00	38.56 1.79 0.00	31.50 1.60 0.00	32.94 1.86 0.00	35.15 1.81 0.00	30.37 1.22 0.00	29.85 1.31 0.00	32.08 1.36 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.26 8.86 0.00	38.52 2.39 0.00	44.74 2.58 0.00	39.25 2.20 0.00	45.23 2.42 0.00	42.51 1.99 0.00	41.38 2.02 0.00	41.36 2.00 0.00
BAYONEEC___CTG4 323685	37.37 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.11 0.00	38.56 1.79 0.00	31.50 1.60 0.00	32.94 1.86 0.00	35.15 1.81 0.00	30.37 1.22 0.00	29.85 1.31 0.00	32.08 1.36 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.26 8.86 0.00	38.52 2.39 0.00	44.74 2.58 0.00	39.25 2.20 0.00	45.23 2.42 0.00	42.51 1.99 0.00	41.38 2.02 0.00	41.36 2.00 0.00
BAYONEEC___CTG5 323686	37.37 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.11 0.00	38.56 1.79 0.00	31.50 1.60 0.00	32.94 1.86 0.00	35.15 1.81 0.00	30.37 1.22 0.00	29.85 1.31 0.00	32.08 1.36 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.26 8.86 0.00	38.52 2.39 0.00	44.74 2.58 0.00	39.25 2.20 0.00	45.23 2.42 0.00	42.51 1.99 0.00	41.38 2.02 0.00	41.36 2.00 0.00
BAYONEEC___CTG6 323687	37.37 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.11 0.00	38.56 1.79 0.00	31.50 1.60 0.00	32.94 1.86 0.00	35.15 1.81 0.00	30.37 1.22 0.00	29.85 1.31 0.00	32.08 1.36 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.26 8.86 0.00	38.52 2.39 0.00	44.74 2.58 0.00	39.25 2.20 0.00	45.23 2.42 0.00	42.51 1.99 0.00	41.38 2.02 0.00	41.36 2.00 0.00
BAYONEEC___CTG7 323688	37.37 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.11 0.00	38.56 1.79 0.00	31.50 1.60 0.00	32.94 1.86 0.00	35.15 1.81 0.00	30.37 1.22 0.00	29.85 1.31 0.00	32.08 1.36 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.26 8.86 0.00	38.52 2.39 0.00	44.74 2.58 0.00	39.25 2.20 0.00	45.23 2.42 0.00	42.51 1.99 0.00	41.38 2.02 0.00	41.36 2.00 0.00

BAYONEEC___CTG8 323689	37.37 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.11 0.00	38.56 1.79 0.00	31.50 1.60 0.00	32.94 1.86 0.00	35.15 1.81 0.00	30.37 1.22 0.00	29.85 1.31 0.00	32.08 1.36 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.26 8.86 0.00	38.52 2.39 0.00	44.74 2.58 0.00	39.25 2.20 0.00	45.23 2.42 0.00	42.51 1.99 0.00	41.38 2.02 0.00	41.36 2.00 0.00
BAYONEEC___CTG9 323749	37.37 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.11 0.00	38.56 1.79 0.00	31.50 1.60 0.00	32.94 1.86 0.00	35.15 1.81 0.00	30.37 1.22 0.00	29.85 1.31 0.00	32.08 1.36 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.26 8.86 0.00	38.52 2.39 0.00	44.74 2.58 0.00	39.25 2.20 0.00	45.23 2.42 0.00	42.51 1.99 0.00	41.38 2.02 0.00	41.36 2.00 0.00
BAYPORT_69_KV_BK 2 356364	55.01 2.24 -16.82	42.40 2.07 -6.97	41.80 2.07 -6.29	41.75 1.98 -7.24	45.34 1.89 -12.02	46.03 2.23 -6.97	52.40 2.03 0.00	38.39 1.61 0.00	31.64 1.74 0.00	40.92 2.33 -7.51	35.16 1.83 0.00	32.27 1.65 -1.46	30.10 1.56 0.00	34.96 1.74 -2.50	39.55 2.08 0.00	33.74 1.78 0.00	135.91 5.79 5.27	40.76 2.52 -2.11	44.58 2.43 0.00	47.50 2.18 -8.27	51.20 2.28 -6.11	46.54 1.91 -4.11	48.76 2.29 -7.12	49.59 2.44 -7.80
BEACON___LESR 323632	36.80 0.85 0.00	34.22 0.86 0.00	34.24 0.80 0.00	33.33 0.80 0.00	32.22 0.78 0.00	37.71 0.88 0.00	51.42 1.05 0.00	37.67 0.89 0.00	30.67 0.78 0.00	31.83 0.75 0.00	34.01 0.67 0.00	29.71 0.55 0.00	29.07 0.53 0.00	31.25 0.53 0.00	38.13 0.67 0.00	32.54 0.58 0.00	138.56 3.17 0.00	37.02 0.90 0.00	43.27 1.11 0.00	37.90 0.85 0.00	43.72 0.91 0.00	41.43 0.91 0.00	40.27 0.92 0.00	40.28 0.92 0.00
BEAVER RIVER___HYD 24048	35.31 -0.68 -0.05	32.46 -0.89 0.00	32.48 -0.96 0.00	31.93 -0.60 0.00	30.93 -0.52 0.00	36.21 -0.62 0.00	49.40 -0.97 0.00	35.64 -1.14 0.00	28.31 -1.59 0.00	29.25 -1.83 0.00	31.47 -1.87 0.00	27.49 -1.67 0.00	26.91 -1.63 0.00	29.02 -1.71 0.00	35.40 -2.06 0.00	30.15 -1.81 0.00	128.80 -6.60 0.00	35.07 -1.06 0.00	41.29 -0.87 0.00	36.61 -0.45 0.00	42.54 -0.27 0.00	40.28 -0.24 0.00	39.12 -0.24 0.00	38.96 -0.40 0.00
BEEBEE_GT_13 23619	35.30 -0.64 0.00	31.78 -0.76 0.81	32.79 -0.65 0.00	31.84 -0.68 0.00	30.79 -0.65 0.00	36.28 -0.55 0.00	49.55 -0.82 0.00	36.06 -0.72 0.00	29.57 -0.33 0.00	30.99 -0.09 0.00	33.54 0.20 0.00	29.51 0.35 0.00	28.88 0.33 0.00	31.12 0.40 0.00	36.39 0.05 1.13	31.95 -0.01 0.00	99.67 -2.59 33.14	35.43 -0.70 0.00	41.11 -1.05 0.00	36.28 -0.77 0.00	41.90 -0.91 0.00	37.24 -0.93 2.36	38.37 -0.98 0.00	38.37 -1.00 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.69 1.75 0.00	34.96 1.61 0.00	34.96 1.52 0.00	33.92 1.39 0.00	32.74 1.30 0.00	38.47 1.64 0.00	52.97 2.59 0.00	38.95 2.17 0.00	31.80 1.90 0.00	33.24 2.16 0.00	35.45 2.11 0.00	30.65 1.49 0.00	30.14 1.60 0.00	32.41 1.69 0.00	40.01 2.55 0.00	33.86 1.90 0.00	145.73 10.33 0.00	38.88 2.75 0.00	45.19 3.03 0.00	39.71 2.66 0.00	45.75 2.94 0.00	42.99 2.46 0.00	41.82 2.47 0.00	41.80 2.43 0.00
BETHLEHEM___GRP 23843	36.30 0.36 0.00	33.77 0.42 0.00	33.80 0.36 0.00	32.88 0.35 0.00	31.79 0.35 0.00	37.17 0.34 0.00	50.60 0.23 0.00	37.10 0.32 0.00	30.26 0.36 0.00	31.43 0.35 0.00	33.61 0.27 0.00	29.38 0.22 0.00	28.74 0.20 0.00	30.92 0.20 0.00	37.77 0.31 0.00	32.21 0.25 0.00	136.96 1.56 0.00	36.57 0.44 0.00	42.67 0.51 0.00	37.37 0.32 0.00	43.07 0.26 0.00	40.84 0.31 0.00	39.72 0.36 0.00	39.76 0.40 0.00
BETHLEHEM___GS1 323560	36.31 0.36 0.00	33.77 0.42 0.00	33.78 0.34 0.00	32.88 0.35 0.00	31.79 0.35 0.00	37.17 0.34 0.00	50.60 0.23 0.00	37.11 0.32 0.00	30.26 0.36 0.00	31.43 0.35 0.00	33.61 0.27 0.00	29.37 0.22 0.00	28.75 0.20 0.00	30.92 0.20 0.00	37.77 0.31 0.00	32.21 0.25 0.00	136.97 1.57 0.00	36.57 0.44 0.00	42.67 0.52 0.00	37.37 0.32 0.00	43.07 0.27 0.00	40.83 0.31 0.00	39.71 0.36 0.00	39.76 0.40 0.00
BETHLEHEM___GS2 323561	36.31 0.36 0.00	33.77 0.42 0.00	33.78 0.34 0.00	32.88 0.35 0.00	31.79 0.35 0.00	37.17 0.34 0.00	50.60 0.23 0.00	37.11 0.32 0.00	30.26 0.36 0.00	31.43 0.35 0.00	33.61 0.27 0.00	29.37 0.22 0.00	28.75 0.20 0.00	30.92 0.20 0.00	37.77 0.31 0.00	32.21 0.25 0.00	136.97 1.57 0.00	36.57 0.44 0.00	42.67 0.52 0.00	37.37 0.32 0.00	43.07 0.27 0.00	40.83 0.31 0.00	39.71 0.36 0.00	39.76 0.40 0.00
BETHLEHEM___GS3 323562	36.31 0.36 0.00	33.77 0.42 0.00	33.78 0.34 0.00	32.88 0.35 0.00	31.79 0.35 0.00	37.17 0.34 0.00	50.60 0.23 0.00	37.11 0.32 0.00	30.26 0.36 0.00	31.43 0.35 0.00	33.61 0.27 0.00	29.37 0.22 0.00	28.75 0.20 0.00	30.92 0.20 0.00	37.77 0.31 0.00	32.21 0.25 0.00	136.97 1.57 0.00	36.57 0.44 0.00	42.67 0.52 0.00	37.37 0.32 0.00	43.07 0.27 0.00	40.83 0.31 0.00	39.71 0.36 0.00	39.76 0.40 0.00
BETHLEHEM___STEEL 23779	34.46 -1.48 0.00	30.16 -1.66 1.54	32.10 -1.34 0.00	31.14 -1.39 0.00	30.07 -1.37 0.00	35.56 -1.27 0.00	48.31 -2.07 0.00	35.21 -1.57 0.00	29.24 -0.66 0.00	30.93 -0.15 0.00	33.48 0.15 0.00	29.59 0.43 0.00	28.87 0.33 0.00	30.95 0.23 0.00	34.68 -0.61 2.17	31.50 -0.47 0.00	64.24 -7.06 64.09	34.34 -1.79 0.00	39.57 -2.59 0.00	35.08 -1.97 0.00	40.42 -2.38 0.00	33.60 -2.38 4.54	37.02 -2.33 0.00	37.15 -2.22 0.00
BETHLHEM_115KV_TB1 79974	36.39 0.44 0.00	33.84 0.49 0.00	33.86 0.42 0.00	32.94 0.41 0.00	31.84 0.40 0.00	37.24 0.42 0.00	50.75 0.37 0.00	37.20 0.41 0.00	30.32 0.43 0.00	31.50 0.42 0.00	33.68 0.34 0.00	29.43 0.28 0.00	28.80 0.26 0.00	30.99 0.26 0.00	37.85 0.39 0.00	32.28 0.32 0.00	137.34 1.94 0.00	36.65 0.52 0.00	42.76 0.61 0.00	37.46 0.41 0.00	43.19 0.38 0.00	40.94 0.41 0.00	39.83 0.47 0.00	39.86 0.49 0.00
BETHPAGE_CC_5 323564	57.03 1.95 -19.14	43.31 1.92 -8.04	42.56 1.87 -7.25	42.63 1.75 -8.35	46.93 1.63 -13.86	46.74 1.88 -8.04	52.21 1.83 0.00	38.37 1.59 0.00	31.56 1.66 0.00	41.83 2.10 -8.66	35.06 1.72 0.00	32.31 1.48 -1.68	30.14 1.59 0.00	35.41 1.80 -2.88	39.57 2.11 0.00	33.74 1.78 0.00	136.57 5.98 4.81	40.93 2.37 -2.43	44.44 2.28 0.00	48.60 2.01 -9.54	45.07 2.26 0.00	42.85 1.96 -0.37	49.76 2.19 -8.21	50.61 2.25 -8.99
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.57 -1.37 0.00	30.24 -1.56 1.55	32.19 -1.25 0.00	31.23 -1.29 0.00	30.16 -1.28 0.00	35.69 -1.14 0.00	48.49 -1.88 0.00	35.35 -1.43 0.00	29.36 -0.54 0.00	31.05 -0.03 0.00	33.61 0.27 0.00	29.71 0.55 0.00	28.98 0.43 0.00	31.06 0.34 0.00	34.79 -0.48 2.20	31.57 -0.40 0.00	63.42 -6.78 65.20	34.42 -1.71 0.00	39.65 -2.51 0.00	35.16 -1.90 0.00	40.51 -2.29 0.00	33.58 -2.31 4.62	37.10 -2.26 0.00	37.20 -2.16 0.00

BINGHAMTON___COGEN 23790	35.99 0.02 -0.03	34.79 0.00 -1.44	33.48 0.04 0.00	32.54 0.02 0.00	31.45 0.01 0.00	36.92 0.09 0.00	50.53 0.15 0.00	36.85 0.07 0.00	29.96 0.06 0.00	31.30 0.22 0.00	33.55 0.21 0.00	29.42 0.26 0.00	28.77 0.24 0.00	31.00 0.28 0.00	39.82 0.29 -2.08	32.29 0.33 0.00	197.94 1.16 -61.39	36.50 0.38 0.00	42.49 0.33 0.00	37.36 0.31 0.00	43.05 0.24 0.00	44.84 0.09 -4.22	39.49 0.14 0.00	39.49 0.13 0.00
BIXINCNT_115KV_LOAD 355685	34.79 -1.15 0.00	30.28 -1.40 1.67	32.26 -1.18 0.00	31.42 -1.11 0.00	30.46 -0.98 0.00	36.07 -0.76 0.00	49.24 -1.13 0.00	35.97 -0.80 0.00	29.80 -0.10 0.00	31.62 0.54 0.00	34.10 0.76 0.00	30.14 0.99 0.00	29.36 0.82 0.00	31.49 0.77 0.00	35.19 0.11 2.39	32.11 0.15 0.00	60.58 -4.39 70.43	35.01 -1.12 0.00	40.27 -1.89 0.00	35.75 -1.30 0.00	41.26 -1.55 0.00	33.70 -1.83 4.99	37.50 -1.85 0.00	37.62 -1.74 0.00
BLACK RIVER___HYD 24047	35.32 -0.70 -0.07	32.31 -1.05 0.00	32.28 -1.16 0.00	31.96 -0.57 0.00	30.96 -0.48 0.00	36.16 -0.67 0.00	49.34 -1.03 0.00	35.50 -1.27 0.00	28.06 -1.84 0.00	29.04 -2.04 0.00	31.27 -2.07 0.00	27.31 -1.84 0.00	26.74 -1.80 0.00	28.85 -1.88 0.00	35.16 -2.30 0.00	29.83 -2.13 0.00	127.33 -8.07 0.00	34.97 -1.15 0.00	41.28 -0.88 0.00	36.66 -0.40 0.00	42.60 -0.20 0.00	40.33 -0.19 0.00	39.05 -0.31 0.00	38.83 -0.54 0.00
BLACKRVR_115KV_TB2 79977	35.32 -0.70 -0.07	32.31 -1.05 0.00	32.28 -1.16 0.00	31.96 -0.57 0.00	30.96 -0.48 0.00	36.16 -0.67 0.00	49.34 -1.03 0.00	35.51 -1.27 0.00	28.06 -1.84 0.00	29.04 -2.04 0.00	31.27 -2.07 0.00	27.31 -1.84 0.00	26.74 -1.80 0.00	28.85 -1.88 0.00	35.16 -2.30 0.00	29.83 -2.13 0.00	127.33 -8.07 0.00	34.98 -1.15 0.00	41.28 -0.88 0.00	36.66 -0.39 0.00	42.60 -0.20 0.00	40.33 -0.19 0.00	39.05 -0.31 0.00	38.83 -0.54 0.00
BLDWN_LI_69_KV_BK4 356085	59.33 2.12 -21.27	44.28 2.04 -8.89	43.44 1.98 -8.02	43.62 1.86 -9.23	48.50 1.74 -15.32	46.33 1.99 -8.51	52.52 2.15 0.00	38.60 1.82 0.00	31.73 1.84 0.00	42.92 2.27 -9.57	35.24 1.91 0.00	32.69 1.68 -1.86	30.24 1.69 0.00	35.76 1.86 -3.18	39.74 2.27 0.00	33.88 1.91 0.00	137.64 6.78 4.54	41.38 2.56 -2.69	44.72 2.56 0.00	49.90 2.31 -10.54	45.46 2.65 0.00	43.16 2.22 -0.41	49.89 2.39 -8.51	
BLISS_WT_PWR 323608	34.75 -1.19 0.00	30.22 -1.47 1.67	32.20 -1.24 0.00	31.38 -1.15 0.00	30.44 -1.00 0.00	36.07 -0.76 0.00	49.29 -1.09 0.00	36.01 -0.77 0.00	29.83 -0.07 0.00	31.67 0.60 0.00	34.14 0.80 0.00	30.19 1.03 0.00	29.38 0.84 0.00	31.52 0.79 0.00	35.24 0.16 2.39	32.13 0.17 0.00	60.71 -4.27 70.43	35.04 -1.09 0.00	40.29 -1.87 0.00	35.77 -1.28 0.00	41.28 -1.52 0.00	33.68 -1.85 4.99	37.48 -1.87 0.00	37.62 -1.75 0.00
BLUESTONE___WT_PWR 323821	36.85 0.88 -0.02	34.78 0.85 -0.58	34.30 0.86 0.00	33.30 0.77 0.00	32.21 0.77 0.00	38.06 1.23 0.00	52.73 2.35 0.00	38.40 1.62 0.00	30.98 1.08 0.00	32.23 1.15 0.00	34.45 1.11 0.00	30.14 0.98 0.00	29.45 0.91 0.00	31.78 1.06 0.00	39.85 1.41 -0.98	33.39 1.43 0.00	171.89 7.52 -28.97	38.61 2.48 0.00	45.06 2.90 0.00	39.35 2.29 0.00	45.21 2.40 0.00	44.24 2.01 -1.70	41.38 2.03 0.00	41.31 1.95 0.00
BLUE_CIRC_CHEM_DRP 24182	36.82 0.88 0.00	34.24 0.89 0.00	34.30 0.85 0.00	33.36 0.83 0.00	32.23 0.80 0.00	37.72 0.89 0.00	51.44 1.07 0.00	37.54 0.77 0.00	30.50 0.60 0.00	31.68 0.60 0.00	33.90 0.56 0.00	29.61 0.46 0.00	28.96 0.41 0.00	31.18 0.45 0.00	38.06 0.60 0.00	32.52 0.56 0.00	138.35 2.96 0.00	36.90 0.77 0.00	43.18 1.02 0.00	37.85 0.80 0.00	43.67 0.86 0.00	41.37 0.85 0.00	40.27 0.92 0.00	40.31 0.94 0.00
BOC_GAS_DRP 24189	36.56 0.61 0.00	33.98 0.63 0.00	34.02 0.59 0.00	33.08 0.55 0.00	31.96 0.52 0.00	37.39 0.56 0.00	51.05 0.68 0.00	37.37 0.59 0.00	30.46 0.56 0.00	31.66 0.58 0.00	33.90 0.56 0.00	29.60 0.45 0.00	28.98 0.44 0.00	31.18 0.46 0.00	38.11 0.65 0.00	32.48 0.52 0.00	138.22 2.83 0.00	36.84 0.71 0.00	42.99 0.83 0.00	37.67 0.62 0.00	43.45 0.65 0.00	41.16 0.64 0.00	40.06 0.71 0.00	40.09 0.73 0.00
BOONVILLE_115KV_TB1 79983	36.39 0.42 -0.03	33.55 0.19 0.00	33.59 0.15 0.00	32.86 0.33 0.00	31.82 0.38 0.00	37.35 0.52 0.00	51.07 0.70 0.00	36.96 0.18 0.00	29.54 -0.36 0.00	30.57 -0.51 0.00	32.77 -0.58 0.00	28.65 -0.51 0.00	28.05 -0.49 0.00	30.23 -0.49 0.00	36.93 -0.53 0.00	31.58 -0.38 0.00	134.89 -0.50 0.00	36.45 0.32 0.00	42.73 0.57 0.00	37.77 0.72 0.00	43.76 0.96 0.00	41.39 0.87 0.00	40.16 0.80 0.00	40.04 0.67 0.00
BORALEX_4TH_BRANCH 23824	37.71 1.77 0.00	34.96 1.61 0.00	34.96 1.52 0.00	34.11 1.58 0.00	32.95 1.51 0.00	38.46 1.63 0.00	52.11 1.74 0.00	38.17 1.40 0.00	31.29 1.39 0.00	32.40 1.32 0.00	34.71 1.38 0.00	30.51 1.36 0.00	29.77 1.23 0.00	32.04 1.32 0.00	39.12 1.66 0.00	33.13 1.17 0.00	141.02 5.63 0.00	37.25 1.12 0.00	43.57 1.41 0.00	37.99 0.94 0.00	44.02 1.21 0.00	42.14 1.62 0.00	41.05 1.70 0.00	41.11 1.75 0.00
BOWLINE___1 23526	37.15 1.21 0.00	34.50 1.15 0.00	34.51 1.07 0.00	33.50 0.98 0.00	32.33 0.89 0.00	37.95 1.12 0.00	52.18 1.80 0.00	38.27 1.49 0.00	31.17 1.27 0.00	32.55 1.47 0.00	34.73 1.40 0.00	30.16 1.00 0.00	29.63 1.09 0.00	31.86 1.14 0.00	39.18 1.72 0.00	33.30 1.34 0.00	142.58 7.18 0.00	38.06 1.93 0.00	44.28 2.12 0.00	38.90 1.84 0.00	44.86 2.05 0.00	42.17 1.65 0.00	41.06 1.70 0.00	41.11 1.74 0.00
BOWLINE___2 23595	37.15 1.21 0.00	34.50 1.15 0.00	34.51 1.07 0.00	33.50 0.98 0.00	32.33 0.89 0.00	37.95 1.12 0.00	52.18 1.80 0.00	38.27 1.49 0.00	31.17 1.27 0.00	32.55 1.47 0.00	34.73 1.40 0.00	30.16 1.00 0.00	29.63 1.09 0.00	31.86 1.14 0.00	39.18 1.72 0.00	33.30 1.34 0.00	142.58 7.18 0.00	38.06 1.93 0.00	44.28 2.12 0.00	38.90 1.84 0.00	44.86 2.05 0.00	42.17 1.65 0.00	41.06 1.70 0.00	41.11 1.74 0.00
BRADY___115KV_TB2 356060	36.22 0.28 0.00	33.58 0.22 0.00	33.69 0.25 0.00	32.79 0.27 0.00	31.72 0.27 0.00	37.23 0.40 0.00	50.98 0.61 0.00	36.88 0.10 0.00	29.66 -0.24 0.00	30.58 -0.49 0.00	32.80 -0.54 0.00	28.64 -0.52 0.00	28.02 -0.52 0.00	30.19 -0.53 0.00	36.77 -0.70 0.00	31.37 -0.60 0.00	132.81 -2.59 0.00	35.68 -0.44 0.00	42.16 0.01 0.00	37.31 0.25 0.00	43.29 0.48 0.00	41.00 0.47 0.00	39.69 0.34 0.00	39.62 0.25 0.00
BRANSCOMB___SOLAR 323811	37.56 1.62 0.00	34.81 1.46 0.00	34.86 1.42 0.00	34.00 1.48 0.00	32.87 1.43 0.00	38.55 1.72 0.00	52.68 2.30 0.00	38.35 1.57 0.00	31.02 1.12 0.00	32.10 1.02 0.00	34.31 0.97 0.00	30.05 0.89 0.00	29.33 0.79 0.00	31.55 0.83 0.00	38.46 0.99 0.00	32.78 0.82 0.00	139.67 4.28 0.00	37.36 1.22 0.00	43.63 1.47 0.00	38.19 1.13 0.00	44.18 1.37 0.00	42.00 1.48 0.00	40.85 1.50 0.00	40.90 1.53 0.00

BRDGHMPT_69_KV_BK1 55812	54.77 2.20 -16.62	41.83 1.62 -6.86	41.35 1.72 -6.19	41.29 1.64 -7.13	44.98 1.71 -11.83	45.89 2.20 -6.86	52.23 1.86 0.00	38.11 1.33 0.00	31.37 1.47 0.00	40.72 2.25 -7.39	35.22 1.88 0.00	32.40 1.81 -1.43	29.92 1.38 0.00	34.66 1.48 -2.46	39.15 1.68 0.00	33.04 1.08 0.00	131.28 1.21 5.32	39.67 1.47 -2.08	43.69 1.53 0.00	46.51 1.32 -8.14	26.08 1.20 17.92	30.61 0.85 10.76	47.70 1.33 -7.01	48.58 1.54 -7.67
BRENTWOD_69_KV_W. BRTWOOD 56703	55.00 2.17 -16.89	42.41 2.05 -7.00	41.79 2.03 -6.32	41.71 1.91 -7.28	45.32 1.80 -12.08	45.90 2.07 -7.01	52.32 1.94 0.00	38.42 1.64 0.00	31.67 1.77 0.00	40.91 2.29 -7.55	35.14 1.81 0.00	32.23 1.62 -1.46	30.12 1.58 0.00	35.00 1.77 -2.51	39.57 2.11 0.00	33.78 1.81 0.00	136.23 6.09 5.26	40.74 2.49 -2.12	44.59 2.43 0.00	47.55 2.18 -8.31	45.14 2.34 0.00	42.81 1.96 -0.33	48.80 2.29 -7.16	49.61 2.41 -7.83
BRISTLHL_115KV_TB1 79998	34.86 -1.22 -0.13	32.19 -1.16 0.00	32.29 -1.15 0.00	31.42 -1.11 0.00	30.37 -1.06 0.00	35.61 -1.22 0.00	48.69 -1.68 0.00	35.53 -1.25 0.00	28.89 -1.01 0.00	30.11 -0.97 0.00	32.36 -0.98 0.00	28.34 -0.81 0.00	27.76 -0.79 0.00	29.92 -0.80 0.00	36.48 -0.99 0.00	31.16 -0.80 0.00	131.44 -3.96 0.00	35.04 -1.09 0.00	40.78 -1.38 0.00	35.90 -1.15 0.00	41.44 -1.37 0.00	39.21 -1.31 0.00	38.07 -1.29 0.00	38.07 -1.29 0.00
BROOKHAVEN___DRP 24191	54.44 1.88 -16.61	41.93 1.72 -6.86	41.38 1.75 -6.19	41.33 1.68 -7.13	44.91 1.64 -11.83	45.60 1.91 -6.86	51.77 1.40 0.00	37.85 1.07 0.00	31.21 1.31 0.00	40.47 2.00 -7.39	34.84 1.51 0.00	31.99 1.40 -1.43	29.83 1.28 0.00	34.68 1.50 -2.46	39.21 1.75 0.00	33.39 1.43 0.00	134.39 4.32 5.32	40.30 2.09 -2.08	43.99 1.83 0.00	46.74 1.55 -8.14	27.14 1.49 17.16	31.42 1.18 10.29	48.04 1.68 -7.01	48.98 1.94 -7.67
BROOKLYN_NAVY_YARD 23515	37.24 1.30 0.00	34.56 1.21 0.00	34.54 1.11 0.00	33.52 0.99 0.00	32.35 0.92 0.00	37.99 1.17 0.01	52.31 1.93 0.00	38.44 1.66 0.00	31.40 1.50 0.00	32.84 1.76 0.00	35.04 1.70 0.00	30.26 1.11 0.00	29.75 1.21 0.00	31.96 1.24 0.01	39.52 2.06 0.00	33.43 1.46 0.00	143.89 8.49 0.00	38.38 2.25 0.00	44.61 2.45 0.00	39.14 2.09 0.00	45.12 2.31 0.00	42.41 1.88 0.00	41.28 1.92 0.00	41.24 1.88 0.00
BROOKLYN___ARMY_DRP 323595	37.53 1.58 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
BROOME_2_LFGE 323671	35.99 0.02 -0.03	34.78 -0.01 -1.44	33.48 0.04 0.00	32.54 0.02 0.00	31.45 0.01 0.00	36.92 0.09 0.00	50.53 0.15 0.00	36.85 0.07 0.00	29.96 0.06 0.00	31.30 0.22 0.00	33.55 0.21 0.00	29.42 0.27 0.00	28.77 0.23 0.00	31.00 0.28 0.00	39.83 0.29 -2.08	32.29 0.33 0.00	197.94 1.16 -61.39	36.50 0.38 0.00	42.49 0.33 0.00	37.37 0.31 0.00	43.05 0.24 0.00	44.83 0.09 -4.22	39.49 0.14 0.00	39.49 0.13 0.00
BROOME___LFGE 323600	35.99 0.02 -0.03	34.78 -0.01 -1.44	33.48 0.04 0.00	32.54 0.02 0.00	31.45 0.01 0.00	36.92 0.09 0.00	50.53 0.15 0.00	36.85 0.07 0.00	29.96 0.06 0.00	31.30 0.22 0.00	33.55 0.21 0.00	29.42 0.27 0.00	28.77 0.23 0.00	31.00 0.28 0.00	39.83 0.29 -2.08	32.29 0.33 0.00	197.94 1.16 -61.39	36.50 0.38 0.00	42.49 0.33 0.00	37.37 0.31 0.00	43.05 0.24 0.00	44.83 0.09 -4.22	39.49 0.14 0.00	39.49 0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	35.02 -0.95 -0.03	32.31 -1.05 0.00	32.36 -1.08 0.00	31.68 -0.84 0.00	30.67 -0.78 0.00	35.93 -0.90 0.00	49.12 -1.25 0.00	35.53 -1.25 0.00	28.36 -1.53 0.00	29.23 -1.85 0.00	31.41 -1.93 0.00	27.43 -1.73 0.00	26.85 -1.69 0.00	28.93 -1.79 0.00	35.29 -2.18 0.00	30.08 -1.89 0.00	128.02 -7.38 0.00	34.67 -1.46 0.00	40.84 -1.32 0.00	36.17 -0.89 0.00	42.02 -0.79 0.00	39.81 -0.71 0.00	38.65 -0.71 0.00	38.54 -0.83 0.00
BROWNSV1_27_KV_LOAD 356125	37.59 1.64 0.00	34.86 1.50 0.00	34.86 1.42 0.00	33.81 1.28 0.00	32.64 1.20 0.00	38.34 1.52 0.00	52.77 2.40 0.00	38.79 2.01 0.00	31.70 1.80 0.00	33.15 2.07 0.00	35.37 2.03 0.00	30.57 1.41 0.00	30.03 1.49 0.00	32.27 1.55 0.00	39.85 2.39 0.00	33.70 1.74 0.00	145.07 9.67 0.00	38.74 2.61 0.00	44.99 2.83 0.00	39.50 2.45 0.00	45.52 2.71 0.00	42.78 2.26 0.00	41.63 2.27 0.00	41.61 2.25 0.00
BURROWS___LYONSDAL 23803	36.14 0.17 -0.03	33.30 -0.05 0.00	33.33 -0.11 0.00	32.63 0.10 0.00	31.61 0.17 0.00	37.09 0.26 0.00	50.68 0.31 0.00	36.65 -0.13 0.00	29.25 -0.65 0.00	30.26 -0.82 0.00	32.45 -0.89 0.00	28.36 -0.79 0.00	27.77 -0.77 0.00	29.93 -0.79 0.00	36.55 -0.91 0.00	31.25 -0.72 0.00	133.54 -1.86 0.00	36.15 0.03 0.00	42.41 0.25 0.00	37.53 0.48 0.00	43.51 0.70 0.00	41.16 0.64 0.00	39.95 0.59 0.00	39.81 0.44 0.00
CAITHNESS_CC_1 323624	54.40 1.85 -16.61	41.92 1.71 -6.86	41.34 1.72 -6.19	41.29 1.64 -7.12	44.86 1.60 -11.83	45.53 1.84 -6.86	51.74 1.37 0.00	37.87 1.09 0.00	31.25 1.35 0.00	40.46 1.99 -7.39	34.83 1.50 0.00	31.98 1.39 -1.43	29.84 1.30 0.00	34.68 1.50 -2.46	39.21 1.75 0.00	33.41 1.45 0.00	134.29 4.21 5.32	40.28 2.07 -2.08	44.01 1.85 0.00	46.77 1.58 -8.14	27.21 1.56 17.16	31.47 1.24 10.29	48.07 1.71 -7.01	48.97 1.94 -7.67
CALPINE BETH_PAGE_GT4 24209	58.18 1.99 -20.25	43.78 1.93 -8.49	42.98 1.88 -7.66	43.12 1.76 -8.82	47.73 1.65 -14.65	47.21 1.89 -8.49	52.17 1.79 0.00	38.34 1.56 0.00	31.53 1.63 0.00	42.31 2.08 -9.15	35.10 1.76 0.00	32.46 1.53 -1.77	30.14 1.60 0.00	35.56 1.79 -3.05	39.60 2.14 0.00	33.76 1.80 0.00	136.83 6.06 4.62	41.05 2.35 -2.57	44.43 2.27 0.00	49.16 2.03 -10.08	45.07 2.27 0.00	42.85 1.93 -0.40	50.28 2.25 -8.68	51.17 2.31 -9.50
CALPINE_BETH_PAGE_GT_4 323586	58.18 1.99 -20.25	43.78 1.94 -8.49	42.98 1.88 -7.66	43.11 1.76 -8.82	47.73 1.65 -14.65	47.21 1.89 -8.49	52.16 1.78 0.00	38.34 1.56 0.00	31.53 1.63 0.00	42.30 2.08 -9.15	35.10 1.76 0.00	32.46 1.53 -1.77	30.15 1.60 0.00	35.56 1.79 -3.05	39.60 2.13 0.00	33.76 1.80 0.00	136.73 5.95 4.62	41.05 2.35 -2.57	44.43 2.27 0.00	49.16 2.03 -10.08	45.07 2.27 0.00	42.85 1.93 -0.40	50.29 2.26 -8.68	51.17 2.31 -9.50
CALPINE_BP_GT1 23823	58.18 1.99 -20.25	43.78 1.94 -8.49	42.98 1.88 -7.66	43.11 1.76 -8.82	47.73 1.65 -14.65	47.21 1.89 -8.49	52.16 1.78 0.00	38.34 1.56 0.00	31.53 1.63 0.00	42.30 2.08 -9.15	35.10 1.76 0.00	32.46 1.53 -1.77	30.15 1.60 0.00	35.56 1.79 -3.05	39.60 2.13 0.00	33.76 1.80 0.00	136.73 5.95 4.62	41.05 2.35 -2.57	44.43 2.27 0.00	49.16 2.03 -10.08	45.07 2.27 0.00	42.85 1.93 -0.40	50.29 2.26 -8.68	51.17 2.31 -9.50

CALSPAN___DRP 24200	34.46 -1.48 0.00	30.16 -1.66 1.54	32.10 -1.34 0.00	31.14 -1.39 0.00	30.07 -1.37 0.00	35.56 -1.27 0.00	48.31 -2.07 0.00	35.21 -1.57 0.00	29.24 -0.66 0.00	30.93 -0.15 0.00	33.48 0.15 0.00	29.59 0.43 0.00	28.87 0.33 0.00	30.95 0.23 0.00	34.68 -0.61 2.17	31.50 -0.47 0.00	64.24 -7.06 64.09	34.34 -1.79 0.00	39.57 -2.59 0.00	35.08 -1.97 0.00	40.42 -2.38 0.00	33.60 -2.38 4.54	37.02 -2.33 0.00	37.15 -2.22 0.00
CALVERTON___SOLAR 323806	54.49 1.93 -16.61	41.95 1.74 -6.86	41.39 1.77 -6.19	41.36 1.70 -7.13	44.97 1.69 -11.83	45.68 1.99 -6.86	51.83 1.46 0.00	37.85 1.07 0.00	31.19 1.29 0.00	40.48 2.01 -7.39	34.86 1.52 0.00	32.02 1.43 -1.43	29.82 1.28 0.00	34.69 1.51 -2.46	39.20 1.73 0.00	33.36 1.40 0.00	134.07 3.99 5.32	40.27 2.07 -2.08	43.99 1.83 0.00	46.73 1.54 -8.14	28.37 1.45 15.89	32.15 1.13 9.50	48.03 1.67 -7.01	48.98 1.94 -7.67
CANDIGU_WT_PWR 323617	34.47 -1.47 0.00	29.32 -1.62 2.41	32.21 -1.23 0.00	31.33 -1.20 0.00	30.32 -1.12 0.00	35.79 -1.04 0.00	48.74 -1.63 0.00	35.50 -1.28 0.00	28.94 -0.95 0.00	30.80 -0.28 0.00	33.17 -0.17 0.00	29.47 0.32 0.00	28.57 0.02 0.00	30.75 0.02 0.00	33.46 -0.65 3.35	31.62 -0.35 0.00	31.79 -4.82 98.79	35.11 -1.02 0.00	40.44 -1.72 0.00	35.94 -1.11 0.00	41.36 -1.45 0.00	31.72 -1.81 7.00	37.72 -1.64 0.00	37.68 -1.68 0.00
CARR STREET_E__SYR 24060	35.36 -0.62 -0.04	32.75 -0.60 0.00	32.85 -0.59 0.00	31.95 -0.58 0.00	30.90 -0.54 0.00	36.24 -0.59 0.00	49.56 -0.81 0.00	36.15 -0.63 0.00	29.41 -0.49 0.00	30.70 -0.38 0.00	33.01 -0.33 0.00	28.95 -0.21 0.00	28.33 -0.21 0.00	30.52 -0.20 0.00	37.17 -0.29 0.00	31.75 -0.22 0.00	134.02 -1.38 0.00	35.71 -0.42 0.00	41.53 -0.63 0.00	36.54 -0.52 0.00	42.18 -0.63 0.00	39.86 -0.67 0.00	38.72 -0.63 0.00	38.72 -0.65 0.00
CARTHAGE___PAPER 23857	35.35 -0.66 -0.06	32.42 -0.94 0.00	32.42 -1.02 0.00	31.97 -0.56 0.00	30.96 -0.48 0.00	36.22 -0.61 0.00	49.41 -0.96 0.00	35.61 -1.17 0.00	28.21 -1.68 0.00	29.17 -1.91 0.00	31.39 -1.95 0.00	27.42 -1.74 0.00	26.84 -1.70 0.00	28.93 -1.79 0.00	35.30 -2.17 0.00	30.01 -1.95 0.00	128.15 -7.25 0.00	35.05 -1.08 0.00	41.31 -0.85 0.00	36.66 -0.40 0.00	42.61 -0.20 0.00	40.35 -0.17 0.00	39.12 -0.23 0.00	38.94 -0.42 0.00
CASSADAGA_WT_PWR 323784	34.45 -1.50 0.00	30.22 -1.49 1.65	32.49 -0.95 0.00	31.70 -0.83 0.00	30.69 -0.74 0.00	36.41 -0.42 0.00	49.39 -0.98 0.00	36.12 -0.66 0.00	29.98 0.08 0.00	32.04 0.96 0.00	34.66 1.33 0.00	30.73 1.57 0.00	29.85 1.30 0.00	32.01 1.29 0.00	35.73 0.62 2.35	32.62 0.66 0.00	64.22 -1.90 69.28	35.73 -0.40 0.00	41.15 -1.01 0.00	36.55 -0.51 0.00	41.91 -0.90 0.00	34.25 -1.36 4.91	37.92 -1.43 0.00	38.00 -1.37 0.00
CE_DUNWOOD___DRP 24194	37.30 1.36 0.00	34.62 1.27 0.00	34.63 1.19 0.00	33.60 1.07 0.00	32.44 1.00 0.00	38.07 1.24 0.00	52.32 1.94 0.00	38.40 1.62 0.00	31.33 1.43 0.00	32.73 1.65 0.00	34.92 1.58 0.00	30.28 1.13 0.00	29.75 1.21 0.00	31.98 1.26 0.00	39.36 1.90 0.00	33.42 1.46 0.00	143.23 7.83 0.00	38.25 2.12 0.00	44.48 2.32 0.00	39.04 1.99 0.00	45.01 2.21 0.00	42.34 1.81 0.00	41.23 1.87 0.00	41.24 1.88 0.00
CE_MILLWOOD___DRP 24193	37.24 1.30 0.00	34.58 1.22 0.00	34.58 1.14 0.00	33.56 1.04 0.00	32.39 0.96 0.00	38.02 1.19 0.00	52.25 1.87 0.00	38.34 1.56 0.00	31.27 1.37 0.00	32.65 1.58 0.00	34.84 1.50 0.00	30.23 1.07 0.00	29.69 1.15 0.00	31.93 1.20 0.00	39.28 1.82 0.00	33.36 1.40 0.00	142.96 7.56 0.00	38.17 2.04 0.00	44.39 2.23 0.00	38.97 1.92 0.00	44.94 2.13 0.00	42.27 1.75 0.00	41.16 1.81 0.00	41.19 1.82 0.00
CE_NYC2_DRP 24202	37.37 1.43 0.00	34.66 1.31 0.00	34.66 1.22 0.00	33.63 1.11 0.00	32.47 1.03 0.00	38.14 1.31 0.00	52.47 2.10 0.00	38.59 1.81 0.00	31.53 1.63 0.00	32.98 1.90 0.00	35.18 1.85 0.00	30.40 1.24 0.00	29.89 1.35 0.00	32.11 1.39 0.00	39.64 2.17 0.00	33.53 1.57 0.00	144.37 8.97 0.00	38.52 2.39 0.00	44.73 2.57 0.00	39.27 2.22 0.00	45.24 2.43 0.00	42.52 1.99 0.00	41.37 2.01 0.00	41.35 1.99 0.00
CE_NYC_DRP 24195	37.41 1.46 0.00	34.71 1.36 0.00	34.71 1.27 0.00	33.66 1.14 0.00	32.50 1.06 0.00	38.17 1.34 0.00	52.52 2.15 0.00	38.60 1.82 0.00	31.54 1.64 0.00	33.00 1.92 0.00	35.21 1.87 0.00	30.42 1.26 0.00	29.89 1.35 0.00	32.13 1.40 0.00	39.69 2.22 0.00	41.46 1.59 -7.91	144.50 9.00 -0.10	38.57 2.44 0.00	44.79 2.63 0.00	39.29 2.24 0.00	45.28 2.47 0.00	42.56 2.04 0.00	41.42 2.06 0.00	41.40 2.03 0.00
CHAFFEE___LFGE 323603	34.44 -1.50 0.00	30.07 -1.68 1.61	32.09 -1.35 0.00	31.12 -1.41 0.00	30.05 -1.39 0.00	35.55 -1.28 0.00	48.30 -2.08 0.00	35.20 -1.57 0.00	29.23 -0.67 0.00	30.92 -0.16 0.00	33.45 0.10 0.00	29.57 0.42 0.00	28.83 0.28 0.00	30.93 0.21 0.00	34.56 -0.62 2.28	31.49 -0.47 0.00	61.14 -7.00 67.26	34.32 -1.81 0.00	39.54 -2.62 0.00	35.07 -1.98 0.00	40.42 -2.39 0.00	33.33 -2.42 4.77	37.01 -2.35 0.00	37.14 -2.22 0.00
CHATEAUG_35_KV_LOAD 355732	36.10 0.15 0.00	33.54 0.18 0.00	33.69 0.25 0.00	32.79 0.27 0.00	31.69 0.24 0.00	37.10 0.27 0.00	50.81 0.44 0.00	37.04 0.26 0.00	29.91 0.01 0.00	30.80 -0.28 0.00	33.02 -0.31 0.00	28.87 -0.29 0.00	28.22 -0.33 0.00	30.33 -0.40 0.00	36.99 -0.47 0.00	31.65 -0.31 0.00	133.90 -1.50 0.00	35.96 -0.17 0.00	42.18 0.02 0.00	37.24 0.19 0.00	43.17 0.36 0.00	40.93 0.41 0.00	39.60 0.24 0.00	39.52 0.16 0.00
CHATEAUG_WT_PWR 323614	36.07 0.12 0.00	33.51 0.15 0.00	33.66 0.22 0.00	32.77 0.24 0.00	31.66 0.22 0.00	37.09 0.26 0.00	50.76 0.39 0.00	37.04 0.26 0.00	29.92 0.02 0.00	30.81 -0.27 0.00	33.04 -0.30 0.00	28.88 -0.27 0.00	28.24 -0.30 0.00	30.36 -0.37 0.00	37.03 -0.44 0.00	31.68 -0.28 0.00	134.14 -1.26 0.00	36.00 -0.13 0.00	42.20 0.04 0.00	37.23 0.18 0.00	43.12 0.31 0.00	40.88 0.35 0.00	39.56 0.20 0.00	39.49 0.12 0.00
CHAT_HIGH_FALL_HYD 323578	36.10 0.15 0.00	33.54 0.18 0.00	33.69 0.25 0.00	32.79 0.27 0.00	31.69 0.24 0.00	37.10 0.27 0.00	50.81 0.44 0.00	37.04 0.26 0.00	29.91 0.01 0.00	30.80 -0.28 0.00	33.02 -0.31 0.00	28.87 -0.29 0.00	28.22 -0.33 0.00	30.33 -0.40 0.00	36.99 -0.47 0.00	31.65 -0.31 0.00	133.90 -1.50 0.00	35.96 -0.17 0.00	42.18 0.02 0.00	37.24 0.19 0.00	43.17 0.36 0.00	40.93 0.41 0.00	39.60 0.24 0.00	39.52 0.16 0.00
CHAUTAUQUA___LFGE 323629	34.67 -1.27 0.00	30.36 -1.39 1.61	32.51 -0.93 0.00	31.63 -0.89 0.00	30.58 -0.86 0.00	36.21 -0.62 0.00	49.15 -1.23 0.00	35.89 -0.89 0.00	29.75 -0.14 0.00	31.72 0.64 0.00	34.22 0.88 0.00	30.33 1.17 0.00	29.47 0.92 0.00	31.60 0.87 0.00	35.30 0.11 2.28	32.20 0.24 0.00	64.46 -3.69 67.25	35.27 -0.86 0.00	40.60 -1.56 0.00	36.06 -0.99 0.00	41.46 -1.35 0.00	34.08 -1.67 4.77	37.71 -1.64 0.00	37.85 -1.52 0.00

CHERRYST_13_KV_LD 356241	37.50 1.56 0.00	34.79 1.43 0.00	34.78 1.34 0.00	33.74 1.21 0.00	32.58 1.14 0.00	38.26 1.43 0.00	52.67 2.30 0.00	38.71 1.94 0.00	31.64 1.74 0.00	33.10 2.02 0.00	35.31 1.98 0.00	30.52 1.36 0.00	29.99 1.45 0.00	32.24 1.51 0.00	39.82 2.35 0.00	41.58 1.71 -7.91	145.03 9.53 -0.10	38.69 2.56 0.00	44.92 2.76 0.00	39.40 2.35 0.00	45.40 2.59 0.00	42.66 2.14 0.00	41.51 2.16 0.00	41.50 2.14 0.00
CHESTROR_138KV_BK263 355645	37.05 1.10 0.00	34.58 1.05 -0.17	34.42 0.98 0.00	33.42 0.89 0.00	32.26 0.82 0.00	37.86 1.03 0.00	52.00 1.63 0.00	38.11 1.33 0.00	31.01 1.11 0.00	32.33 1.25 0.00	34.50 1.16 0.00	29.99 0.84 0.00	29.44 0.90 0.00	31.67 0.95 0.00	39.14 1.44 -0.24	33.10 1.14 0.00	148.77 6.27 -7.10	37.85 1.72 0.00	44.08 1.91 0.00	38.72 1.67 0.00	44.66 1.85 0.00	42.54 1.50 -0.51	40.92 1.56 0.00	40.95 1.59 0.00
CH_MIDHUDSON___DRP 24192	37.29 1.34 0.00	34.63 1.27 0.00	34.63 1.20 0.00	33.60 1.07 0.00	32.44 1.00 0.00	38.06 1.23 0.00	52.27 1.89 0.00	38.33 1.55 0.00	31.21 1.31 0.00	32.53 1.45 0.00	34.71 1.37 0.00	30.18 1.03 0.00	29.62 1.07 0.00	31.85 1.13 0.00	39.09 1.63 0.00	33.31 1.35 0.00	142.56 7.16 0.00	38.06 1.93 0.00	44.31 2.15 0.00	38.89 1.83 0.00	44.86 2.05 0.00	42.25 1.73 0.00	41.16 1.80 0.00	41.16 1.79 0.00
CH_MISC_IPPS 23765	37.44 1.50 0.00	34.77 1.41 0.00	34.77 1.33 0.00	33.74 1.21 0.00	32.57 1.13 0.00	38.24 1.41 0.00	52.54 2.17 0.00	38.53 1.75 0.00	31.34 1.44 0.00	32.66 1.59 0.00	34.84 1.50 0.00	30.27 1.11 0.00	29.71 1.17 0.00	31.95 1.22 0.00	39.21 1.75 0.00	33.43 1.47 0.00	143.14 7.74 0.00	38.27 2.14 0.00	44.57 2.41 0.00	39.14 2.09 0.00	45.15 2.34 0.00	42.48 1.96 0.00	41.36 2.01 0.00	41.36 1.99 0.00
CH_RES_BVR_FALLS 23983	35.92 -0.02 0.00	33.32 -0.03 0.00	33.42 -0.02 0.00	32.53 0.00 0.00	31.44 0.00 0.00	36.83 0.00 0.00	50.40 0.03 0.00	36.79 0.01 0.00	29.87 -0.03 0.00	30.99 -0.09 0.00	33.23 -0.10 0.00	29.06 -0.09 0.00	28.44 -0.09 0.00	30.61 -0.11 0.00	37.32 -0.15 0.00	31.84 -0.12 0.00	134.87 -0.53 0.00	36.02 -0.11 0.00	42.09 -0.07 0.00	37.04 -0.01 0.00	42.81 0.00 0.00	40.54 0.01 0.00	39.34 -0.02 0.00	39.33 -0.04 0.00
CH_RES_NIAGARA 23895	33.57 -2.38 0.00	29.52 -2.46 1.37	31.22 -2.22 0.00	30.25 -2.28 0.00	29.21 -2.23 0.00	34.49 -2.34 0.00	46.78 -3.60 0.00	33.95 -2.83 0.00	28.31 -1.59 0.00	29.84 -1.25 0.00	32.54 -0.80 0.00	28.74 -0.42 0.00	28.07 -0.47 0.00	30.10 -0.62 0.00	33.91 -1.63 1.93	30.58 -1.39 0.00	67.32 -11.17 56.91	32.99 -3.14 0.00	38.00 -4.15 0.00	33.65 -3.41 0.00	38.78 -4.03 0.00	32.71 -3.77 4.04	35.72 -3.64 0.00	36.07 -3.29 0.00
CH_RES_SYRACUSE 23985	35.59 -0.42 -0.07	32.69 -0.43 0.23	33.02 -0.42 0.00	32.12 -0.40 0.00	31.08 -0.37 0.00	36.45 -0.38 0.00	49.86 -0.51 0.00	36.34 -0.43 0.00	29.51 -0.38 0.00	30.79 -0.29 0.00	33.09 -0.25 0.00	29.04 -0.11 0.00	28.43 -0.11 0.00	30.62 -0.10 0.00	36.99 -0.17 0.31	31.87 -0.09 0.00	125.44 -0.82 9.14	35.91 -0.22 0.00	41.78 -0.37 0.00	36.75 -0.30 0.00	42.43 -0.38 0.00	39.41 -0.46 0.66	38.92 -0.43 0.00	38.91 -0.45 0.00
CLINTON_WT_PWR 323605	36.07 0.12 0.00	33.51 0.15 0.00	33.66 0.22 0.00	32.77 0.24 0.00	31.66 0.22 0.00	37.09 0.26 0.00	50.76 0.39 0.00	37.04 0.26 0.00	30.11 0.21 0.00	30.98 -0.10 0.00	33.04 -0.30 0.00	28.88 -0.27 0.00	28.24 -0.30 0.00	30.36 -0.37 0.00	37.03 -0.44 0.00	31.68 -0.28 0.00	134.14 -1.26 0.00	36.00 -0.13 0.00	42.20 0.04 0.00	37.23 0.18 0.00	43.12 0.31 0.00	40.88 0.35 0.00	39.56 0.20 0.00	39.49 0.12 0.00
CLINTON___LFGE 323618	36.45 0.51 0.00	33.85 0.50 0.00	34.02 0.58 0.00	33.13 0.60 0.00	32.03 0.60 0.00	37.57 0.74 0.00	51.39 1.02 0.00	37.49 0.71 0.00	30.27 0.37 0.00	31.13 0.05 0.00	33.25 -0.09 0.00	29.09 -0.07 0.00	28.39 -0.15 0.00	30.56 -0.16 0.00	37.31 -0.16 0.00	31.93 -0.03 0.00	135.34 -0.06 0.00	36.37 0.24 0.00	42.61 0.45 0.00	37.65 0.60 0.00	43.65 0.84 0.00	41.40 0.87 0.00	40.06 0.70 0.00	39.95 0.58 0.00
COBBLENY_34_KV_TB1 80064	34.44 -1.50 0.00	30.08 -1.67 1.61	32.08 -1.36 0.00	31.12 -1.41 0.00	30.06 -1.39 0.00	35.55 -1.28 0.00	48.29 -2.08 0.00	35.21 -1.57 0.00	29.23 -0.67 0.00	30.92 -0.16 0.00	33.44 0.10 0.00	29.57 0.41 0.00	28.84 0.30 0.00	30.93 0.21 0.00	34.56 -0.63 2.28	31.50 -0.46 0.00	61.06 -7.08 67.26	34.33 -1.80 0.00	39.54 -2.62 0.00	35.07 -1.98 0.00	40.42 -2.39 0.00	33.34 -2.41 4.77	37.01 -2.35 0.00	37.13 -2.24 0.00
COFFEEN_115KV_TB3 355620	35.41 -0.61 -0.07	32.39 -0.97 0.00	32.37 -1.07 0.00	32.04 -0.49 0.00	31.05 -0.39 0.00	36.42 -0.41 0.00	49.69 -0.68 0.00	35.65 -1.13 0.00	28.07 -1.83 0.00	29.03 -2.05 0.00	31.27 -2.07 0.00	27.29 -1.87 0.00	26.73 -1.81 0.00	28.84 -1.88 0.00	35.15 -2.32 0.00	29.81 -2.15 0.00	127.32 -8.08 0.00	35.12 -1.01 0.00	41.55 -0.61 0.00	36.90 -0.15 0.00	42.90 0.09 0.00	40.62 0.10 0.00	39.28 -0.08 0.00	39.02 -0.34 0.00
COLDSPRG_115KV_BK1 355956	34.90 -1.05 0.00	30.49 -1.15 1.71	32.68 -0.76 0.00	31.80 -0.73 0.00	30.75 -0.69 0.00	36.40 -0.43 0.00	49.51 -0.87 0.00	36.22 -0.56 0.00	29.99 0.10 0.00	32.06 0.98 0.00	34.62 1.28 0.00	30.69 1.53 0.00	29.86 1.31 0.00	32.01 1.29 0.00	35.68 0.68 2.46	32.67 0.71 0.00	61.55 -1.37 72.48	35.86 -0.27 0.00	41.32 -0.84 0.00	36.72 -0.34 0.00	42.24 -0.56 0.00	34.41 -0.97 5.14	38.34 -1.02 0.00	38.43 -0.93 0.00
COLONIE_LFGE___ 323577	37.12 1.17 0.00	34.44 1.08 0.00	34.46 1.02 0.00	33.58 1.05 0.00	32.44 1.00 0.00	37.97 1.14 0.00	51.77 1.40 0.00	37.85 1.07 0.00	30.83 0.93 0.00	31.95 0.87 0.00	34.20 0.87 0.00	29.94 0.79 0.00	29.26 0.72 0.00	31.49 0.77 0.00	38.45 0.98 0.00	32.71 0.75 0.00	139.29 3.90 0.00	37.06 0.93 0.00	43.31 1.15 0.00	37.86 0.81 0.00	43.81 1.00 0.00	41.64 1.12 0.00	40.53 1.17 0.00	40.61 1.25 0.00
COOPERNY_115KV_TB1 80082	36.93 0.99 0.00	34.54 0.95 -0.24	34.33 0.89 0.00	33.34 0.81 0.00	32.19 0.75 0.00	37.76 0.93 0.00	51.84 1.46 0.00	37.96 1.18 0.00	30.87 0.97 0.00	32.16 1.08 0.00	34.33 0.99 0.00	29.86 0.70 0.00	29.31 0.77 0.00	31.53 0.80 0.00	39.07 1.26 -0.34	32.96 1.00 0.00	151.11 5.61 -10.11	37.67 1.54 0.00	43.86 1.70 0.00	38.54 1.49 0.00	44.44 1.63 0.00	42.57 1.34 -0.71	40.75 1.39 0.00	40.79 1.43 0.00
COPENHAGEN_WT_PWR 323753	35.19 -0.84 -0.08	32.15 -1.21 0.00	32.12 -1.32 0.00	31.89 -0.64 0.00	30.88 -0.57 0.00	36.01 -0.82 0.00	49.12 -1.25 0.00	35.45 -1.33 0.00	28.08 -1.82 0.00	29.10 -1.98 0.00	31.34 -2.01 0.00	27.39 -1.77 0.00	26.80 -1.74 0.00	28.89 -1.83 0.00	35.22 -2.25 0.00	29.83 -2.13 0.00	127.33 -8.07 0.00	34.91 -1.22 0.00	41.12 -1.04 0.00	36.55 -0.50 0.00	42.52 -0.29 0.00	40.24 -0.28 0.00	38.97 -0.38 0.00	38.77 -0.59 0.00

CORNELL____ 23752	36.32 0.34 -0.04	32.90 0.26 0.71	33.73 0.29 0.00	32.81 0.29 0.00	31.80 0.36 0.00	37.37 0.54 0.00	51.21 0.84 0.00	37.23 0.45 0.00	30.07 0.17 0.00	31.23 0.15 0.00	33.49 0.15 0.00	29.39 0.23 0.00	28.77 0.22 0.00	31.01 0.29 0.00	36.81 0.30 0.96	32.36 0.40 0.00	108.72 1.59 28.27	36.79 0.66 0.00	42.89 0.73 0.00	37.82 0.76 0.00	43.64 0.83 0.00	39.08 0.61 2.06	39.94 0.58 0.00	39.90 0.53 0.00
CORONAAV_69_KV_TB1 355595	72.22 2.08 -34.19	49.48 1.97 -14.17	48.13 1.91 -12.78	49.03 1.78 -14.72	57.54 1.67 -24.43	52.93 1.94 -14.17	52.60 2.23 0.00	38.66 1.88 0.00	31.76 1.86 0.00	48.63 2.28 -15.26	35.30 1.96 0.00	33.81 1.70 -2.96	30.26 1.71 0.00	37.66 1.86 -5.08	39.80 2.34 0.00	33.92 1.96 0.00	138.86 7.47 4.01	43.03 2.62 -4.29	44.79 2.63 0.00	56.21 2.35 -16.81	45.48 2.67 0.00	43.41 2.23 -0.66	56.19 2.36 -14.48	57.61 2.41 -15.84
CORTLAND_115KV_TB3 80093	36.15 0.17 -0.04	33.47 0.12 0.00	33.59 0.15 0.00	32.67 0.15 0.00	31.61 0.17 0.00	37.10 0.27 0.00	50.81 0.43 0.00	36.99 0.21 0.00	29.94 0.05 0.00	31.15 0.07 0.00	33.41 0.07 0.00	29.30 0.14 0.00	28.67 0.13 0.00	30.86 0.14 0.00	37.65 0.18 0.00	32.23 0.26 0.00	136.46 1.06 0.00	36.53 0.40 0.00	42.57 0.41 0.00	37.49 0.44 0.00	43.27 0.46 0.00	40.84 0.31 0.00	39.67 0.32 0.00	39.65 0.28 0.00
COXSACKIE____GT 23611	37.94 2.00 0.00	35.23 1.87 0.00	35.25 1.81 0.00	34.30 1.78 0.00	33.19 1.75 0.00	38.92 2.09 0.00	53.27 2.90 0.00	38.96 2.18 0.00	31.32 1.42 0.00	32.22 1.14 0.00	34.46 1.12 0.00	30.02 0.86 0.00	29.37 0.83 0.00	31.62 0.90 0.00	38.59 1.13 0.00	33.24 1.28 0.00	140.98 5.58 0.00	37.98 1.85 0.00	44.73 2.58 0.00	39.29 2.24 0.00	45.42 2.61 0.00	42.94 2.42 0.00	41.68 2.33 0.00	41.62 2.26 0.00
CPV_VALLEY____CC1 323721	36.83 0.89 0.00	34.40 0.85 -0.19	34.23 0.79 0.00	33.23 0.70 0.00	32.09 0.65 0.00	37.63 0.81 0.00	51.67 1.30 0.00	37.87 1.09 0.00	30.83 0.93 0.00	32.16 1.07 0.00	34.32 0.98 0.00	29.84 0.68 0.00	29.30 0.76 0.00	31.51 0.79 0.00	38.97 1.24 -0.26	32.93 0.97 0.00	148.49 5.46 -7.64	37.62 1.49 0.00	43.77 1.62 0.00	38.47 1.42 0.00	44.34 1.54 0.00	42.30 1.23 -0.55	40.65 1.30 0.00	40.70 1.33 0.00
CPV_VALLEY____CC2 323722	36.83 0.89 0.00	34.40 0.85 -0.19	34.23 0.79 0.00	33.23 0.70 0.00	32.09 0.65 0.00	37.63 0.81 0.00	51.67 1.30 0.00	37.87 1.09 0.00	30.83 0.93 0.00	32.16 1.07 0.00	34.32 0.98 0.00	29.84 0.68 0.00	29.30 0.76 0.00	31.51 0.79 0.00	38.97 1.24 -0.26	32.93 0.97 0.00	148.49 5.46 -7.64	37.62 1.49 0.00	43.77 1.62 0.00	38.47 1.42 0.00	44.34 1.54 0.00	42.30 1.23 -0.55	40.65 1.30 0.00	40.70 1.33 0.00
CRESCENT____HYD 24018	37.12 1.17 0.00	34.44 1.08 0.00	34.46 1.02 0.00	33.58 1.05 0.00	32.44 1.00 0.00	37.97 1.14 0.00	51.77 1.40 0.00	37.85 1.07 0.00	30.83 0.93 0.00	31.95 0.87 0.00	34.20 0.87 0.00	29.94 0.79 0.00	29.26 0.72 0.00	31.49 0.77 0.00	38.45 0.98 0.00	32.71 0.75 0.00	139.29 3.90 0.00	37.06 0.93 0.00	43.31 1.15 0.00	37.86 0.81 0.00	43.81 1.00 0.00	41.64 1.12 0.00	40.53 1.17 0.00	40.61 1.25 0.00
CRICKET____VALLEY_CC1 323756	36.94 1.00 0.00	34.34 0.99 0.00	34.31 0.87 0.00	33.24 0.71 0.00	32.07 0.63 0.00	37.62 0.79 0.00	51.70 1.32 0.00	37.95 1.17 0.00	30.91 1.01 0.00	32.22 1.14 0.00	34.41 1.07 0.00	29.94 0.79 0.00	29.40 0.86 0.00	31.63 0.90 0.00	38.77 1.31 0.00	33.14 1.18 0.00	141.47 6.08 0.00	37.68 1.55 0.00	43.87 1.71 0.00	38.44 1.38 0.00	44.35 1.54 0.00	41.80 1.28 0.00	40.79 1.44 0.00	40.80 1.44 0.00
CRICKET____VALLEY_CC2 323757	36.94 1.00 0.00	34.34 0.99 0.00	34.31 0.87 0.00	33.24 0.71 0.00	32.07 0.63 0.00	37.62 0.79 0.00	51.70 1.32 0.00	37.95 1.17 0.00	30.91 1.01 0.00	32.22 1.14 0.00	34.41 1.07 0.00	29.94 0.79 0.00	29.40 0.86 0.00	31.63 0.90 0.00	38.77 1.31 0.00	33.14 1.18 0.00	141.47 6.08 0.00	37.68 1.55 0.00	43.87 1.71 0.00	38.44 1.38 0.00	44.35 1.54 0.00	41.80 1.28 0.00	40.79 1.44 0.00	40.80 1.44 0.00
CRICKET____VALLEY_CC3 323758	36.94 1.00 0.00	34.34 0.99 0.00	34.31 0.87 0.00	33.24 0.71 0.00	32.07 0.63 0.00	37.62 0.79 0.00	51.70 1.32 0.00	37.95 1.17 0.00	30.91 1.01 0.00	32.22 1.14 0.00	34.41 1.07 0.00	29.94 0.79 0.00	29.40 0.86 0.00	31.63 0.90 0.00	38.77 1.31 0.00	33.14 1.18 0.00	141.47 6.08 0.00	37.68 1.55 0.00	43.87 1.71 0.00	38.44 1.38 0.00	44.35 1.54 0.00	41.80 1.28 0.00	40.79 1.44 0.00	40.80 1.44 0.00
CRUCIBLE_METL_DRP 24180	35.59 -0.43 -0.07	32.70 -0.43 0.23	33.02 -0.42 0.00	32.12 -0.40 0.00	31.08 -0.37 0.00	36.44 -0.38 0.00	49.86 -0.51 0.00	36.34 -0.43 0.00	29.52 -0.38 0.00	30.79 -0.28 0.00	33.09 -0.25 0.00	29.04 -0.12 0.00	28.43 -0.11 0.00	30.62 -0.10 0.00	36.98 -0.17 0.31	31.87 -0.09 0.00	125.43 -0.83 9.14	35.91 -0.23 0.00	41.79 -0.37 0.00	36.75 -0.30 0.00	42.43 -0.38 0.00	39.41 -0.45 0.66	38.92 -0.44 0.00	38.91 -0.45 0.00
DAHOWA____HYDRO 323763	37.71 1.76 0.00	34.92 1.57 0.00	34.97 1.54 0.00	34.13 1.60 0.00	33.01 1.56 0.00	38.74 1.91 0.00	52.95 2.58 0.00	38.54 1.76 0.00	31.15 1.25 0.00	32.21 1.13 0.00	34.40 1.06 0.00	30.14 0.98 0.00	29.41 0.87 0.00	31.64 0.91 0.00	38.56 1.10 0.00	32.87 0.91 0.00	140.07 4.68 0.00	37.47 1.34 0.00	43.72 1.56 0.00	38.26 1.20 0.00	44.26 1.46 0.00	42.10 1.57 0.00	40.95 1.59 0.00	40.98 1.61 0.00
DANC____LFGE 323619	35.14 -0.90 -0.10	32.16 -1.19 0.00	32.16 -1.28 0.00	31.79 -0.73 0.00	30.78 -0.66 0.00	35.88 -0.95 0.00	48.92 -1.45 0.00	35.34 -1.44 0.00	28.13 -1.77 0.00	29.30 -1.78 0.00	31.57 -1.77 0.00	27.63 -1.52 0.00	27.07 -1.47 0.00	29.17 -1.55 0.00	35.54 -1.93 0.00	30.16 -1.80 0.00	128.26 -7.13 0.00	34.95 -1.18 0.00	41.10 -1.06 0.00	36.36 -0.69 0.00	42.22 -0.59 0.00	39.94 -0.58 0.00	38.70 -0.66 0.00	38.58 -0.78 0.00
DANSKAMMER____1 23586	37.44 1.50 0.00	34.77 1.41 0.00	34.77 1.33 0.00	33.74 1.21 0.00	32.57 1.13 0.00	38.24 1.41 0.00	52.54 2.17 0.00	38.53 1.75 0.00	31.34 1.44 0.00	32.66 1.59 0.00	34.84 1.50 0.00	30.27 1.11 0.00	29.71 1.17 0.00	31.95 1.22 0.00	39.21 1.75 0.00	33.43 1.47 0.00	143.14 7.74 0.00	38.27 2.14 0.00	44.57 2.41 0.00	39.14 2.09 0.00	45.15 2.34 0.00	42.48 1.96 0.00	41.36 2.01 0.00	41.36 1.99 0.00
DANSKAMMER____2 23589	37.44 1.50 0.00	34.77 1.41 0.00	34.77 1.33 0.00	33.74 1.21 0.00	32.57 1.13 0.00	38.24 1.41 0.00	52.54 2.17 0.00	38.53 1.75 0.00	31.34 1.44 0.00	32.66 1.59 0.00	34.84 1.50 0.00	30.27 1.11 0.00	29.71 1.17 0.00	31.95 1.22 0.00	39.21 1.75 0.00	33.43 1.47 0.00	143.14 7.74 0.00	38.27 2.14 0.00	44.57 2.41 0.00	39.14 2.09 0.00	45.15 2.34 0.00	42.48 1.96 0.00	41.36 2.01 0.00	41.36 1.99 0.00

DANSKAMMER___3 23590	37.44 1.50 0.00	34.77 1.41 0.00	34.77 1.33 0.00	33.74 1.21 0.00	32.57 1.13 0.00	38.24 1.41 0.00	52.54 2.17 0.00	38.53 1.75 0.00	31.34 1.44 0.00	32.66 1.59 0.00	34.84 1.50 0.00	30.27 1.11 0.00	29.71 1.17 0.00	31.95 1.22 0.00	39.21 1.75 0.00	33.43 1.47 0.00	143.14 7.74 0.00	38.27 2.14 0.00	44.57 2.41 0.00	39.14 2.09 0.00	45.15 2.34 0.00	42.48 1.96 0.00	41.36 2.01 0.00	41.36 1.99 0.00
DANSKAMMER___4 23591	37.44 1.50 0.00	34.77 1.41 0.00	34.77 1.33 0.00	33.74 1.21 0.00	32.57 1.13 0.00	38.24 1.41 0.00	52.54 2.17 0.00	38.53 1.75 0.00	31.34 1.44 0.00	32.66 1.59 0.00	34.84 1.50 0.00	30.27 1.11 0.00	29.71 1.17 0.00	31.95 1.22 0.00	39.21 1.75 0.00	33.43 1.47 0.00	143.14 7.74 0.00	38.27 2.14 0.00	44.57 2.41 0.00	39.14 2.09 0.00	45.15 2.34 0.00	42.48 1.96 0.00	41.36 2.01 0.00	41.36 1.99 0.00
DANSKAMMER___DIESEL 23592	37.44 1.50 0.00	34.76 1.41 0.00	34.77 1.33 0.00	33.74 1.21 0.00	32.58 1.13 0.00	38.24 1.42 0.00	52.55 2.17 0.00	38.52 1.75 0.00	31.34 1.44 0.00	32.66 1.59 0.00	34.84 1.50 0.00	30.27 1.11 0.00	29.71 1.17 0.00	31.95 1.22 0.00	39.22 1.75 0.00	33.43 1.47 0.00	143.15 7.75 0.00	38.27 2.14 0.00	44.57 2.41 0.00	39.14 2.09 0.00	45.15 2.34 0.00	42.48 1.96 0.00	41.36 2.01 0.00	41.36 2.00 0.00
DARBY___SOLAR 323810	37.58 1.64 0.00	34.82 1.47 0.00	34.87 1.43 0.00	34.03 1.50 0.00	32.90 1.46 0.00	38.59 1.76 0.00	52.75 2.38 0.00	38.41 1.63 0.00	31.07 1.17 0.00	32.13 1.05 0.00	34.33 1.00 0.00	30.06 0.91 0.00	29.35 0.81 0.00	31.56 0.84 0.00	38.49 1.02 0.00	32.80 0.84 0.00	139.80 4.41 0.00	37.39 1.27 0.00	43.64 1.48 0.00	38.18 1.12 0.00	44.17 1.36 0.00	42.00 1.48 0.00	40.84 1.49 0.00	40.88 1.51 0.00
DASHVILLE___HYD 23610	37.26 1.32 0.00	34.60 1.25 0.00	34.61 1.17 0.00	33.59 1.06 0.00	32.44 1.00 0.00	38.03 1.20 0.00	52.26 1.89 0.00	38.31 1.53 0.00	31.18 1.28 0.00	32.48 1.40 0.00	34.67 1.34 0.00	30.14 0.99 0.00	29.57 1.03 0.00	31.80 1.08 0.00	39.05 1.58 0.00	33.24 1.28 0.00	142.32 6.92 0.00	38.02 1.89 0.00	44.27 2.11 0.00	38.85 1.80 0.00	44.81 2.00 0.00	42.21 1.69 0.00	41.11 1.75 0.00	41.10 1.74 0.00
DELAWARE___LFGE 323621	36.77 0.81 -0.01	34.66 0.80 -0.50	34.23 0.79 0.00	33.27 0.74 0.00	32.15 0.71 0.00	37.64 0.82 0.00	51.66 1.29 0.00	37.69 0.91 0.00	30.61 0.71 0.00	32.51 1.44 0.00	34.80 1.46 0.00	30.53 1.38 0.00	29.83 1.28 0.00	32.23 1.51 0.00	40.52 1.87 -1.18	33.93 1.97 0.00	179.22 8.86 -34.97	39.00 2.87 0.00	45.49 3.33 0.00	39.01 1.96 0.00	44.07 1.26 0.00	43.07 1.09 -1.46	40.46 1.11 0.00	40.46 1.10 0.00
DERFIELD_115KV_TB7 355931	35.98 0.03 0.00	33.39 0.03 0.00	33.47 0.03 0.00	32.56 0.03 0.00	31.46 0.02 0.00	36.84 0.01 0.00	50.38 0.00 0.00	36.78 0.00 0.00	29.91 0.01 0.00	31.10 0.02 0.00	33.34 0.00 0.00	29.16 0.00 0.00	28.54 0.00 0.00	30.72 0.00 0.00	37.48 0.02 0.00	31.97 0.01 0.00	135.66 0.26 0.00	36.20 0.07 0.00	42.24 0.09 0.00	37.10 0.05 0.00	42.86 0.04 0.00	40.56 0.04 0.00	39.42 0.07 0.00	39.44 0.08 0.00
DOGLEVILLE___HYD 23807	36.61 0.67 0.00	34.02 0.66 0.00	34.05 0.60 0.00	33.19 0.66 0.00	32.08 0.64 0.00	37.54 0.72 0.00	51.20 0.83 0.00	36.75 -0.03 0.00	29.31 -0.58 0.00	30.13 -0.95 0.00	32.14 -1.20 0.00	28.01 -1.15 0.00	27.39 -1.15 0.00	29.37 -1.35 0.00	36.08 -1.38 0.00	30.91 -1.05 0.00	134.04 -1.36 0.00	36.65 0.52 0.00	43.11 0.95 0.00	37.96 0.91 0.00	43.80 1.00 0.00	41.47 0.95 0.00	40.45 1.09 0.00	40.38 1.01 0.00
DUNKIRK___115KV_TB_200 55889	34.68 -1.26 0.00	30.36 -1.39 1.60	32.49 -0.95 0.00	31.60 -0.93 0.00	30.55 -0.90 0.00	36.15 -0.67 0.00	49.08 -1.30 0.00	35.85 -0.93 0.00	29.70 -0.19 0.00	31.66 0.58 0.00	34.15 0.82 0.00	30.26 1.10 0.00	29.41 0.87 0.00	31.54 0.81 0.00	35.22 0.03 2.28	32.15 0.19 0.00	64.30 -4.04 67.05	35.21 -0.92 0.00	40.52 -1.64 0.00	35.99 -1.06 0.00	41.40 -1.41 0.00	34.07 -1.70 4.75	37.69 -1.67 0.00	37.80 -1.57 0.00
DUNKIRK___1 23563	34.68 -1.26 0.00	30.36 -1.39 1.60	32.49 -0.95 0.00	31.60 -0.93 0.00	30.55 -0.90 0.00	36.15 -0.67 0.00	49.08 -1.30 0.00	35.85 -0.93 0.00	29.70 -0.19 0.00	31.66 0.58 0.00	34.15 0.82 0.00	30.26 1.10 0.00	29.41 0.87 0.00	31.54 0.81 0.00	35.22 0.03 2.28	32.15 0.19 0.00	64.30 -4.04 67.05	35.21 -0.92 0.00	40.52 -1.64 0.00	35.99 -1.06 0.00	41.40 -1.41 0.00	34.07 -1.70 4.75	37.69 -1.67 0.00	37.80 -1.57 0.00
DUNKIRK___2 23564	34.68 -1.26 0.00	30.36 -1.39 1.60	32.49 -0.95 0.00	31.60 -0.93 0.00	30.55 -0.90 0.00	36.15 -0.67 0.00	49.08 -1.30 0.00	35.85 -0.93 0.00	29.70 -0.19 0.00	31.66 0.58 0.00	34.15 0.82 0.00	30.26 1.10 0.00	29.41 0.87 0.00	31.54 0.81 0.00	35.22 0.03 2.28	32.15 0.19 0.00	64.30 -4.04 67.05	35.21 -0.92 0.00	40.52 -1.64 0.00	35.99 -1.06 0.00	41.40 -1.41 0.00	34.07 -1.70 4.75	37.69 -1.67 0.00	37.80 -1.57 0.00
DUNKIRK___3 23565	34.59 -1.36 0.00	30.26 -1.50 1.60	32.33 -1.11 0.00	31.43 -1.10 0.00	30.37 -1.07 0.00	35.92 -0.90 0.00	48.77 -1.60 0.00	35.60 -1.19 0.00	29.51 -0.39 0.00	31.38 0.30 0.00	33.87 0.54 0.00	29.99 0.83 0.00	29.18 0.64 0.00	31.28 0.56 0.00	34.97 -0.23 2.26	31.90 -0.06 0.00	63.70 -5.08 66.62	34.91 -1.22 0.00	40.18 -1.98 0.00	35.68 -1.37 0.00	41.06 -1.75 0.00	33.85 -1.95 4.72	37.45 -1.90 0.00	37.57 -1.80 0.00
DUNKIRK___4 23566	34.59 -1.36 0.00	30.26 -1.50 1.60	32.33 -1.11 0.00	31.43 -1.10 0.00	30.37 -1.07 0.00	35.92 -0.90 0.00	48.77 -1.60 0.00	35.60 -1.19 0.00	29.51 -0.39 0.00	31.38 0.30 0.00	33.87 0.54 0.00	29.99 0.83 0.00	29.18 0.64 0.00	31.28 0.56 0.00	34.97 -0.23 2.26	31.90 -0.06 0.00	63.70 -5.08 66.62	34.91 -1.22 0.00	40.18 -1.98 0.00	35.68 -1.37 0.00	41.06 -1.75 0.00	33.85 -1.95 4.72	37.45 -1.90 0.00	37.57 -1.80 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.37 1.43 0.00	34.68 1.33 0.00	34.69 1.25 0.00	33.66 1.13 0.00	32.49 1.05 0.00	38.14 1.31 0.00	52.40 2.03 0.00	38.47 1.69 0.00	31.39 1.49 0.00	32.82 1.74 0.00	34.99 1.66 0.00	30.35 1.19 0.00	29.81 1.27 0.00	32.05 1.32 0.00	39.45 1.98 0.00	33.47 1.51 0.00	143.50 8.11 0.00	38.36 2.23 0.00	44.58 2.42 0.00	39.13 2.08 0.00	45.11 2.31 0.00	42.42 1.90 0.00	41.31 1.95 0.00	41.32 1.96 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.23 1.29 0.00	34.74 1.22 -0.17	34.58 1.14 0.00	33.57 1.04 0.00	32.41 0.97 0.00	38.05 1.22 0.00	52.28 1.91 0.00	38.31 1.54 0.00	31.16 1.26 0.00	32.48 1.40 0.00	34.66 1.32 0.00	30.11 0.95 0.00	29.55 1.01 0.00	31.77 1.05 0.00	39.05 1.59 0.00	33.24 1.28 0.00	142.43 7.03 0.00	38.05 1.92 0.00	44.31 2.16 0.00	38.94 1.88 0.00	44.90 2.10 0.00	42.74 1.72 -0.49	41.14 1.78 0.00	41.16 1.79 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	37.35 1.41 0.00	34.66 1.31 0.00	34.66 1.23 0.00	33.63 1.11 0.00	32.47 1.03 0.00	38.12 1.29 0.00	52.43 2.05 0.00	38.54 1.76 0.00	31.47 1.58 0.00	32.90 1.82 0.00	35.08 1.74 0.00	30.29 1.14 0.00	29.78 1.24 0.00	32.01 1.29 0.00	39.51 2.04 0.00	33.43 1.47 0.00	143.99 8.59 0.00	38.35 2.22 0.00	44.57 2.41 0.00	39.18 2.13 0.00	45.10 2.29 0.00	42.40 1.88 0.00	41.29 1.93 0.00	41.28 1.92 0.00
E179THST_13_KV_LOAD 356214	37.49 1.54 0.00	34.78 1.43 0.00	34.78 1.34 0.00	33.74 1.21 0.00	32.58 1.14 0.00	38.25 1.42 0.00	52.62 2.25 0.00	38.70 1.92 0.00	31.60 1.71 0.00	33.04 1.97 0.00	35.23 1.90 0.00	30.43 1.27 0.00	29.92 1.38 0.00	32.16 1.44 0.00	39.68 2.22 0.00	33.58 1.62 0.00	144.65 9.26 0.00	38.51 2.38 0.00	44.77 2.61 0.00	39.35 2.30 0.00	45.30 2.49 0.00	42.59 2.06 0.00	41.45 2.10 0.00	41.45 2.08 0.00
EAST HAMPTON___GT 23717	54.67 2.11 -16.62	41.53 1.32 -6.86	41.05 1.42 -6.19	40.99 1.33 -7.13	44.73 1.46 -11.83	45.69 2.00 -6.86	52.04 1.67 0.00	37.99 1.21 0.00	31.29 1.39 0.00	40.66 2.19 -7.39	35.23 1.89 0.00	32.45 1.86 -1.43	29.83 1.29 0.00	34.45 1.27 -2.46	38.88 1.42 0.00	32.68 0.72 0.00	128.37 -1.70 5.32	38.98 0.78 -2.08	43.16 1.00 0.00	46.08 0.88 -8.14	25.50 0.69 18.00	30.10 0.39 10.81	47.20 0.83 -7.01	48.03 0.99 -7.67
EAST RIVER___6 23660	37.37 1.43 0.00	34.66 1.31 0.00	34.65 1.21 0.00	33.61 1.08 0.00	32.45 1.01 0.00	38.13 1.29 0.00	52.48 2.11 0.00	38.58 1.81 0.00	31.53 1.63 0.00	33.00 1.92 0.00	35.21 1.88 0.00	30.42 1.26 0.00	29.91 1.36 0.00	32.13 1.41 0.00	39.70 2.24 0.00	41.47 1.59 -7.91	144.61 9.11 -0.10	38.58 2.45 0.00	44.80 2.64 0.00	39.29 2.24 0.00	45.26 2.45 0.00	42.52 2.00 0.00	41.38 2.03 0.00	41.36 2.00 0.00
EAST RIVER___7 23524	37.37 1.43 0.00	34.66 1.31 0.00	34.65 1.21 0.00	33.61 1.08 0.00	32.45 1.01 0.00	38.13 1.29 0.00	52.48 2.11 0.00	38.58 1.81 0.00	31.53 1.63 0.00	33.00 1.92 0.00	35.21 1.88 0.00	30.42 1.26 0.00	29.91 1.36 0.00	32.13 1.41 0.00	39.70 2.24 0.00	41.47 1.59 -7.91	144.61 9.11 -0.10	38.58 2.45 0.00	44.80 2.64 0.00	39.29 2.24 0.00	45.26 2.45 0.00	42.52 2.00 0.00	41.38 2.03 0.00	41.36 2.00 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.30 1.36 0.00	34.62 1.27 0.00	34.63 1.19 0.00	33.60 1.07 0.00	32.44 1.00 0.00	38.07 1.24 0.00	52.32 1.94 0.00	38.40 1.62 0.00	31.33 1.43 0.00	32.73 1.65 0.00	34.92 1.58 0.00	30.28 1.13 0.00	29.75 1.21 0.00	31.98 1.26 0.00	39.36 1.90 0.00	33.42 1.46 0.00	143.23 7.83 0.00	38.25 2.12 0.00	44.48 2.32 0.00	39.04 1.99 0.00	45.01 2.21 0.00	42.34 1.81 0.00	41.23 1.87 0.00	41.24 1.88 0.00
EAST_HAMPTON___DIESEL 23722	54.64 2.07 -16.62	41.48 1.26 -6.86	41.00 1.37 -6.19	40.93 1.27 -7.13	44.68 1.41 -11.83	45.65 1.96 -6.86	51.99 1.62 0.00	37.96 1.19 0.00	31.26 1.36 0.00	40.64 2.17 -7.39	35.22 1.88 0.00	32.45 1.86 -1.43	29.81 1.27 0.00	34.42 1.24 -2.46	38.84 1.38 0.00	32.61 0.65 0.00	128.11 -1.97 5.32	38.91 0.70 -2.08	43.07 0.92 0.00	46.00 0.81 -8.14	25.42 0.61 18.00	30.02 0.30 10.81	47.13 0.76 -7.01	47.95 0.91 -7.67
EAST_POINT___SOLAR 323840	37.78 1.84 0.00	35.05 1.69 0.00	35.15 1.71 0.00	34.18 1.65 0.00	33.01 1.57 0.00	38.81 1.98 0.00	53.09 2.72 0.00	37.17 0.39 0.00	29.36 -0.54 0.00	30.37 -0.71 0.00	32.74 -0.60 0.00	28.64 -0.51 0.00	27.88 -0.66 0.00	30.09 -0.63 0.00	37.51 -0.25 -0.29	32.32 0.36 0.00	147.72 3.65 -8.67	37.74 1.61 0.00	44.61 2.45 0.00	39.41 2.36 0.00	45.65 2.84 0.00	42.99 2.47 0.00	41.64 2.28 0.00	41.55 2.18 0.00
EAST_PULASKI___ESR 323781	35.17 -0.97 -0.19	32.41 -0.94 0.00	32.53 -0.90 0.00	31.68 -0.85 0.00	30.64 -0.80 0.00	35.85 -0.98 0.00	49.08 -1.30 0.00	35.78 -1.00 0.00	28.91 -0.99 0.00	29.70 -1.38 0.00	31.99 -1.35 0.00	28.04 -1.11 0.00	27.48 -1.06 0.00	29.59 -1.13 0.00	36.04 -1.43 0.00	30.69 -1.27 0.00	130.11 -5.29 0.00	35.12 -1.01 0.00	41.15 -1.01 0.00	36.29 -0.76 0.00	42.04 -0.77 0.00	39.71 -0.81 0.00	38.50 -0.85 0.00	38.46 -0.91 0.00
EAST_RIVER___1 323558	37.41 1.47 0.00	34.71 1.36 0.00	34.69 1.25 0.00	33.66 1.14 0.00	32.50 1.06 0.00	38.16 1.34 0.00	52.52 2.15 0.00	38.60 1.82 0.00	31.54 1.64 0.00	33.00 1.92 0.00	35.21 1.87 0.00	30.42 1.26 0.00	29.90 1.36 0.00	32.13 1.40 0.00	39.69 2.22 0.00	41.47 1.59 -7.91	144.51 9.00 -0.10	38.57 2.44 0.00	44.79 2.63 0.00	39.30 2.24 0.00	45.28 2.47 0.00	42.55 2.03 0.00	41.42 2.06 0.00	41.40 2.04 0.00
EAST_RIVER___2 323559	37.37 1.43 0.00	34.66 1.31 0.00	34.65 1.21 0.00	33.61 1.08 0.00	32.45 1.01 0.00	38.13 1.29 0.00	52.48 2.11 0.00	38.58 1.81 0.00	31.53 1.63 0.00	33.00 1.92 0.00	35.21 1.88 0.00	30.42 1.26 0.00	29.91 1.36 0.00	32.13 1.41 0.00	39.70 2.24 0.00	41.47 1.59 -7.91	144.61 9.11 -0.10	38.58 2.45 0.00	44.80 2.64 0.00	39.29 2.24 0.00	45.26 2.45 0.00	42.52 2.00 0.00	41.38 2.03 0.00	41.36 2.00 0.00
EAST___DELAWARE_HYD 23607	37.04 1.10 0.00	34.59 1.04 -0.20	34.43 0.99 0.00	33.45 0.92 0.00	32.32 0.88 0.00	37.97 1.14 0.00	52.22 1.84 0.00	38.03 1.26 0.00	30.14 0.24 0.00	31.26 0.19 0.00	33.30 -0.04 0.00	28.93 -0.23 0.00	28.41 -0.13 0.00	30.54 -0.18 0.00	38.58 0.82 -0.29	32.61 0.65 0.00	148.80 4.91 -8.49	37.61 1.47 0.00	43.84 1.68 0.00	38.53 1.48 0.00	44.45 1.65 0.00	42.41 1.30 -0.59	40.70 1.34 0.00	40.69 1.32 0.00
EIGHT_POINT___WT_PWR 323820	34.72 -1.24 -0.01	29.70 -1.39 2.27	32.50 -0.94 0.00	31.56 -0.97 0.00	30.60 -0.85 0.00	36.18 -0.65 0.00	49.43 -0.94 0.00	35.95 -0.83 0.00	29.28 -0.62 0.00	31.13 0.05 0.00	33.71 0.37 0.00	29.95 0.79 0.00	28.97 0.42 0.00	31.06 0.34 0.00	34.15 -0.27 3.04	31.97 0.01 0.00	41.45 -4.41 89.54	35.31 -0.82 0.00	40.81 -1.34 0.00	36.36 -0.69 0.00	42.01 -0.80 0.00	32.89 -1.28 6.35	38.14 -1.21 0.00	38.08 -1.29 0.00
ELBRIDGE_115KV_TB2 80188	35.46 -0.56 -0.07	32.53 -0.55 0.27	32.87 -0.57 0.00	32.00 -0.52 0.00	30.96 -0.48 0.00	36.28 -0.55 0.00	49.66 -0.71 0.00	36.21 -0.57 0.00	29.41 -0.49 0.00	30.69 -0.39 0.00	32.98 -0.36 0.00	28.95 -0.21 0.00	28.34 -0.20 0.00	30.54 -0.18 0.00	36.77 -0.33 0.37	31.74 -0.23 0.00	123.12 -1.38 10.90	35.76 -0.37 0.00	41.61 -0.55 0.00	36.57 -0.49 0.00	42.24 -0.57 0.00	39.09 -0.65 0.79	38.73 -0.63 0.00	38.73 -0.64 0.00
ELEC_TRO_TEK 24086	66.68 1.94 -28.79	47.16 1.86 -11.94	46.02 1.81 -10.77	46.62 1.69 -12.41	53.61 1.58 -20.59	50.59 1.82 -11.94	52.36 1.99 0.00	38.48 1.70 0.00	31.63 1.73 0.00	46.11 2.16 -12.87	35.14 1.80 0.00	33.23 1.58 -2.50	30.14 1.60 0.00	36.76 1.75 -4.28	39.63 2.17 0.00	33.79 1.83 0.00	137.97 6.81 4.24	42.20 2.46 -3.62	44.59 2.43 0.00	53.39 2.17 -14.17	45.22 2.41 0.00	43.09 2.01 -0.56	53.76 2.20 -12.20	54.98 2.26 -13.36

ELLENBURG_WT_PWR 323604	36.07 0.12 0.00	33.51 0.15 0.00	33.66 0.22 0.00	32.77 0.24 0.00	31.66 0.22 0.00	37.09 0.26 0.00	50.76 0.39 0.00	37.04 0.26 0.00	30.11 0.21 0.00	30.98 -0.10 0.00	33.04 -0.30 0.00	28.88 -0.27 0.00	28.24 -0.30 0.00	30.36 -0.37 0.00	37.03 -0.44 0.00	31.68 -0.28 0.00	134.14 -1.26 0.00	36.00 -0.13 0.00	42.20 0.04 0.00	37.23 0.18 0.00	43.12 0.31 0.00	40.88 0.35 0.00	39.56 0.20 0.00	39.49 0.12 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.30 -1.64 0.00	30.07 -1.79 1.50	31.94 -1.50 0.00	30.99 -1.54 0.00	29.92 -1.52 0.00	35.38 -1.46 0.00	48.02 -2.35 0.00	34.98 -1.80 0.00	29.09 -0.81 0.00	30.75 -0.33 0.00	33.35 0.01 0.00	29.45 0.30 0.00	28.73 0.19 0.00	30.81 0.09 0.00	34.58 -0.77 2.11	31.35 -0.61 0.00	65.59 -7.61 62.20	34.14 -1.99 0.00	39.35 -2.81 0.00	34.88 -2.17 0.00	40.20 -2.61 0.00	33.54 -2.57 4.41	36.85 -2.50 0.00	36.99 -2.38 0.00
EMPIRE_CC_1 323656	37.06 1.11 0.00	34.41 1.05 0.00	34.42 0.98 0.00	33.53 1.00 0.00	32.39 0.96 0.00	37.87 1.04 0.00	51.59 1.22 0.00	37.77 0.99 0.00	30.83 0.93 0.00	31.99 0.90 0.00	34.24 0.91 0.00	29.98 0.83 0.00	29.31 0.76 0.00	31.54 0.82 0.00	38.53 1.07 0.00	32.78 0.82 0.00	139.46 4.06 0.00	37.07 0.94 0.00	43.31 1.15 0.00	37.84 0.79 0.00	43.75 0.94 0.00	41.59 1.06 0.00	40.46 1.11 0.00	40.54 1.17 0.00
EMPIRE_CC_2 323658	37.06 1.11 0.00	34.41 1.05 0.00	34.42 0.98 0.00	33.53 1.00 0.00	32.39 0.96 0.00	37.87 1.04 0.00	51.59 1.22 0.00	37.77 0.99 0.00	30.83 0.93 0.00	31.99 0.90 0.00	34.24 0.91 0.00	29.98 0.83 0.00	29.31 0.76 0.00	31.54 0.82 0.00	38.53 1.07 0.00	32.78 0.82 0.00	139.46 4.06 0.00	37.07 0.94 0.00	43.31 1.15 0.00	37.84 0.79 0.00	43.75 0.94 0.00	41.59 1.06 0.00	40.46 1.11 0.00	40.54 1.17 0.00
ENORWICH_115KV_TB1 80156	37.95 1.98 -0.03	35.54 1.90 -0.28	35.41 1.97 0.00	34.47 1.94 0.00	33.43 1.99 0.00	39.48 2.65 0.00	54.50 4.12 0.00	39.28 2.51 0.00	31.20 1.30 0.00	32.17 1.09 0.00	34.36 1.02 0.00	30.14 0.99 0.00	29.45 0.91 0.00	31.83 1.11 0.00	39.45 1.45 -0.54	33.72 1.76 0.00	159.93 8.56 -15.98	39.04 2.91 0.00	45.75 3.59 0.00	40.27 3.22 0.00	46.38 3.57 0.00	44.44 3.09 -0.83	42.24 2.89 0.00	42.11 2.75 0.00
ERIE_ST__34_KV_TB1-2 80199	34.41 -1.53 0.00	30.08 -1.70 1.57	32.04 -1.40 0.00	31.08 -1.45 0.00	29.99 -1.45 0.00	35.46 -1.37 0.00	48.25 -2.13 0.00	35.17 -1.61 0.00	29.20 -0.70 0.00	30.92 -0.16 0.00	33.47 0.14 0.00	29.57 0.42 0.00	28.86 0.32 0.00	30.93 0.21 0.00	34.65 -0.60 2.22	31.53 -0.43 0.00	63.55 -6.79 65.05	34.40 -1.73 0.00	39.63 -2.53 0.00	35.16 -1.89 0.00	40.54 -2.27 0.00	33.62 -2.29 4.61	37.12 -2.23 0.00	37.20 -2.16 0.00
ERIE_WT_PWR 323693	34.47 -1.47 0.00	30.16 -1.65 1.54	32.12 -1.32 0.00	31.17 -1.36 0.00	30.08 -1.36 0.00	35.59 -1.24 0.00	48.34 -2.03 0.00	35.22 -1.56 0.00	29.26 -0.64 0.00	30.93 -0.15 0.00	33.50 0.17 0.00	29.61 0.46 0.00	28.86 0.32 0.00	30.95 0.23 0.00	34.72 -0.58 2.17	31.50 -0.46 0.00	64.25 -7.06 64.09	34.35 -1.78 0.00	39.58 -2.57 0.00	35.11 -1.95 0.00	40.42 -2.39 0.00	33.60 -2.38 4.54	37.03 -2.32 0.00	37.17 -2.19 0.00
ESPRGFLD_115KV_TB1 80157	37.10 1.15 0.00	34.71 1.09 -0.26	34.58 1.14 0.00	33.60 1.07 0.00	32.45 1.01 0.00	38.10 1.27 0.00	52.51 2.14 0.00	37.97 1.19 0.00	30.50 0.60 0.00	31.98 0.90 0.00	34.27 0.94 0.00	30.03 0.88 0.00	29.39 0.84 0.00	31.77 1.04 0.00	39.35 1.30 -0.59	33.50 1.54 0.00	159.70 6.91 -17.39	38.51 2.38 0.00	45.05 2.89 0.00	39.28 2.23 0.00	44.99 2.18 0.00	43.15 1.85 -0.78	41.04 1.69 0.00	40.96 1.59 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.29 0.31 -0.04	33.09 0.25 0.52	33.70 0.27 0.00	32.80 0.27 0.00	31.76 0.32 0.00	37.31 0.48 0.00	51.13 0.75 0.00	37.19 0.41 0.00	30.04 0.14 0.00	31.20 0.12 0.00	33.46 0.12 0.00	29.36 0.20 0.00	28.73 0.19 0.00	30.98 0.25 0.00	37.05 0.27 0.68	32.32 0.36 0.00	116.70 1.46 20.15	36.72 0.59 0.00	42.83 0.67 0.00	37.73 0.68 0.00	43.56 0.75 0.00	39.56 0.53 1.49	39.87 0.52 0.00	39.84 0.47 0.00
ETNA____115KV_TB2 80207	36.29 0.31 -0.04	33.09 0.25 0.52	33.70 0.27 0.00	32.80 0.27 0.00	31.76 0.32 0.00	37.31 0.48 0.00	51.13 0.75 0.00	37.19 0.41 0.00	30.04 0.14 0.00	31.20 0.12 0.00	33.46 0.12 0.00	29.36 0.20 0.00	28.73 0.19 0.00	30.98 0.25 0.00	37.05 0.27 0.68	32.32 0.36 0.00	116.70 1.46 20.15	36.72 0.59 0.00	42.83 0.67 0.00	37.73 0.68 0.00	43.56 0.75 0.00	39.56 0.53 1.49	39.87 0.52 0.00	39.84 0.47 0.00
EUCLID__115KV_TB2 356179	35.19 -0.78 -0.03	32.60 -0.75 0.00	32.70 -0.74 0.00	31.81 -0.72 0.00	30.75 -0.68 0.00	36.06 -0.77 0.00	49.31 -1.07 0.00	35.97 -0.81 0.00	29.28 -0.62 0.00	30.56 -0.52 0.00	32.86 -0.47 0.00	28.81 -0.35 0.00	28.20 -0.35 0.00	30.37 -0.35 0.00	36.99 -0.48 0.00	31.59 -0.38 0.00	133.34 -2.06 0.00	35.51 -0.62 0.00	41.31 -0.85 0.00	36.35 -0.71 0.00	41.95 -0.86 0.00	39.66 -0.86 0.00	38.53 -0.83 0.00	38.53 -0.84 0.00
E_CANADA_CAP_HY 24051	37.23 1.29 0.00	34.73 1.20 -0.18	34.68 1.24 0.00	33.71 1.18 0.00	32.51 1.07 0.00	38.18 1.35 0.00	52.50 2.12 0.00	37.65 0.87 0.00	30.04 0.14 0.00	31.21 0.13 0.00	33.47 0.13 0.00	29.27 0.11 0.00	28.65 0.10 0.00	30.92 0.19 0.00	38.16 0.32 -0.37	32.58 0.62 0.00	149.81 3.47 -10.94	37.57 1.44 0.00	44.18 2.02 0.00	38.94 1.89 0.00	45.00 2.19 0.00	42.97 1.91 -0.54	41.08 1.73 0.00	41.00 1.63 0.00
E_CANADA_MHWK_HY 24050	36.61 0.67 0.00	34.01 0.66 0.00	34.04 0.60 0.00	33.18 0.66 0.00	32.08 0.64 0.00	37.54 0.71 0.00	51.20 0.82 0.00	36.75 -0.03 0.00	29.31 -0.58 0.00	30.13 -0.95 0.00	32.14 -1.20 0.00	28.01 -1.15 0.00	27.39 -1.15 0.00	29.37 -1.35 0.00	36.09 -1.38 0.00	30.91 -1.05 0.00	134.04 -1.36 0.00	36.65 0.52 0.00	43.11 0.95 0.00	37.96 0.91 0.00	43.81 1.00 0.00	41.47 0.95 0.00	40.45 1.09 0.00	40.38 1.02 0.00
E_FISHKILL__LBMP 23776	37.09 1.14 0.00	34.46 1.10 0.00	34.46 1.02 0.00	33.43 0.90 0.00	32.27 0.83 0.00	37.85 1.03 0.00	51.98 1.61 0.00	38.13 1.35 0.00	31.07 1.18 0.00	32.42 1.34 0.00	34.61 1.27 0.00	30.08 0.93 0.00	29.53 0.99 0.00	31.76 1.03 0.00	39.00 1.53 0.00	33.20 1.24 0.00	142.03 6.63 0.00	37.89 1.76 0.00	44.09 1.93 0.00	38.69 1.63 0.00	44.61 1.80 0.00	42.02 1.50 0.00	40.95 1.59 0.00	40.96 1.60 0.00
FALCON____SEABRD_CC1 323796	36.42 0.48 0.00	33.83 0.48 0.00	34.01 0.57 0.00	33.12 0.60 0.00	32.03 0.59 0.00	37.56 0.73 0.00	51.34 0.97 0.00	37.48 0.70 0.00	30.35 0.45 0.00	31.22 0.14 0.00	33.32 -0.02 0.00	29.18 0.02 0.00	28.47 -0.07 0.00	30.62 -0.10 0.00	37.40 -0.07 0.00	32.02 0.06 0.00	135.73 0.33 0.00	36.43 0.30 0.00	42.67 0.51 0.00	37.62 0.57 0.00	43.61 0.80 0.00	41.37 0.85 0.00	40.04 0.69 0.00	39.93 0.56 0.00

FALCON___SEABRD_CC2 323797	36.42 0.48 0.00	33.83 0.48 0.00	34.01 0.57 0.00	33.12 0.60 0.00	32.03 0.59 0.00	37.56 0.73 0.00	51.34 0.97 0.00	37.48 0.70 0.00	30.35 0.45 0.00	31.22 0.14 0.00	33.32 -0.02 0.00	29.18 0.02 0.00	28.47 -0.07 0.00	30.62 -0.10 0.00	37.40 -0.07 0.00	32.02 0.06 0.00	135.73 0.33 0.00	36.43 0.30 0.00	42.67 0.51 0.00	37.62 0.57 0.00	43.61 0.80 0.00	41.37 0.85 0.00	40.04 0.69 0.00	39.93 0.56 0.00
FAR ROCKAWAY___4 23548	68.21 2.47 -29.80	48.02 2.32 -12.34	46.83 2.25 -11.13	47.47 2.12 -12.82	54.62 1.89 -21.29	51.39 2.22 -12.35	52.92 2.55 0.00	38.89 2.11 0.00	31.96 2.07 0.00	46.88 2.51 -13.30	35.52 2.18 0.00	33.65 1.91 -2.58	30.46 1.92 0.00	37.24 2.09 -4.43	40.05 2.59 0.00	34.16 2.19 0.00	139.28 8.23 4.34	42.78 2.91 -3.74	45.13 2.97 0.00	54.36 2.66 -14.65	45.83 3.02 0.00	43.63 2.53 -0.58	54.63 2.66 -12.62	55.85 2.68 -13.80
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.42 1.47 0.00	34.71 1.36 0.00	34.71 1.27 0.00	33.68 1.15 0.00	32.51 1.07 0.00	38.17 1.35 0.00	52.55 2.17 0.00	38.61 1.83 0.00	31.55 1.65 0.00	33.00 1.92 0.00	35.21 1.87 0.00	30.42 1.26 0.00	29.90 1.36 0.00	32.13 1.41 0.00	39.70 2.23 0.00	33.55 1.59 0.00	144.49 9.10 0.00	38.57 2.44 0.00	44.79 2.64 0.00	39.31 2.26 0.00	45.29 2.48 0.00	42.56 2.04 0.00	41.42 2.07 0.00	41.42 2.06 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.42 1.47 0.00	34.71 1.36 0.00	34.71 1.27 0.00	33.68 1.15 0.00	32.51 1.07 0.00	38.18 1.35 0.00	52.55 2.17 0.00	38.61 1.83 0.00	31.54 1.65 0.00	33.00 1.92 0.00	35.20 1.86 0.00	30.42 1.26 0.00	29.89 1.35 0.00	32.12 1.40 0.00	39.68 2.22 0.00	33.55 1.58 0.00	144.39 8.99 0.00	38.56 2.43 0.00	44.79 2.63 0.00	39.31 2.26 0.00	45.29 2.48 0.00	42.56 2.04 0.00	41.43 2.07 0.00	41.42 2.06 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.41 1.46 0.00	34.71 1.36 0.00	34.71 1.27 0.00	33.66 1.14 0.00	32.51 1.07 0.00	38.17 1.34 0.00	52.52 2.15 0.00	38.60 1.82 0.00	31.54 1.64 0.00	32.99 1.91 0.00	35.19 1.86 0.00	30.42 1.26 0.00	29.88 1.34 0.00	32.12 1.40 0.00	39.68 2.22 0.00	33.55 1.58 0.00	144.39 8.99 0.00	38.56 2.43 0.00	44.78 2.62 0.00	39.29 2.24 0.00	45.27 2.46 0.00	42.55 2.03 0.00	41.41 2.05 0.00	41.40 2.03 0.00
FARRAGUT___LBMP 323566	37.38 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.12 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.11 0.00	38.57 1.79 0.00	31.51 1.61 0.00	32.96 1.88 0.00	35.16 1.82 0.00	30.38 1.22 0.00	29.86 1.31 0.00	32.08 1.36 0.00	39.63 2.16 0.00	33.51 1.55 0.00	144.26 8.86 0.00	38.52 2.39 0.00	44.74 2.58 0.00	39.25 2.20 0.00	45.24 2.43 0.00	42.52 2.00 0.00	41.38 2.03 0.00	41.37 2.01 0.00
FARRCKWY_69_KV_BK2 55825	68.21 2.47 -29.80	48.02 2.32 -12.34	46.83 2.25 -11.13	47.47 2.12 -12.82	54.62 1.89 -21.29	51.39 2.22 -12.35	52.92 2.55 0.00	38.89 2.11 0.00	31.96 2.07 0.00	46.88 2.51 -13.30	35.52 2.18 0.00	33.65 1.91 -2.58	30.46 1.92 0.00	37.24 2.09 -4.43	40.05 2.59 0.00	34.16 2.19 0.00	139.28 8.23 4.34	42.78 2.91 -3.74	45.13 2.97 0.00	54.36 2.66 -14.65	45.83 3.02 0.00	43.63 2.53 -0.58	54.63 2.66 -12.62	55.85 2.68 -13.80
FENNER___WINDPWR 24204	36.38 0.40 -0.03	33.66 0.31 0.00	33.75 0.31 0.00	32.88 0.35 0.00	31.81 0.37 0.00	37.38 0.55 0.00	51.16 0.79 0.00	37.18 0.40 0.00	29.98 0.08 0.00	31.14 0.07 0.00	33.38 0.05 0.00	29.24 0.08 0.00	28.62 0.08 0.00	30.82 0.10 0.00	37.64 0.18 0.00	32.22 0.26 0.00	136.75 1.36 0.00	36.68 0.56 0.00	42.86 0.70 0.00	37.77 0.72 0.00	43.63 0.82 0.00	41.22 0.70 0.00	40.02 0.66 0.00	39.96 0.60 0.00
FIBERTEK___ENERGY 23856	35.59 -0.43 -0.07	32.70 -0.43 0.23	33.02 -0.42 0.00	32.12 -0.40 0.00	31.08 -0.37 0.00	36.44 -0.38 0.00	49.86 -0.51 0.00	36.34 -0.43 0.00	29.52 -0.38 0.00	30.79 -0.28 0.00	33.09 -0.25 0.00	29.04 -0.12 0.00	28.43 -0.11 0.00	30.62 -0.10 0.00	36.98 -0.17 0.31	31.87 -0.09 0.00	125.43 -0.83 9.14	35.91 -0.23 0.00	41.79 -0.37 0.00	36.75 -0.30 0.00	42.43 -0.38 0.00	39.41 -0.45 0.66	38.92 -0.44 0.00	38.91 -0.45 0.00
FITZPATRICK____ 23598	34.28 -1.28 0.39	32.15 -1.20 0.00	32.25 -1.18 0.00	31.37 -1.16 0.00	30.33 -1.11 0.00	35.53 -1.30 0.00	48.58 -1.80 0.00	35.45 -1.33 0.00	28.87 -1.02 0.00	30.14 -0.94 0.00	32.42 -0.91 0.00	28.41 -0.75 0.00	27.81 -0.73 0.00	29.96 -0.77 0.00	36.47 -1.00 0.00	31.13 -0.83 0.00	131.44 -3.96 0.00	34.96 -1.17 0.00	40.69 -1.47 0.00	35.79 -1.27 0.00	41.31 -1.50 0.00	39.06 -1.46 0.00	37.95 -1.40 0.00	37.97 -1.39 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.51 1.57 0.00	34.82 1.47 0.00	34.83 1.39 0.00	33.79 1.27 0.00	32.63 1.20 0.00	38.31 1.48 0.00	52.65 2.27 0.00	38.60 1.82 0.00	31.41 1.51 0.00	32.73 1.65 0.00	34.90 1.57 0.00	30.33 1.18 0.00	29.76 1.22 0.00	32.00 1.28 0.00	39.29 1.83 0.00	33.49 1.53 0.00	143.52 8.12 0.00	38.35 2.22 0.00	44.66 2.50 0.00	39.22 2.17 0.00	45.24 2.43 0.00	42.57 2.04 0.00	41.44 2.09 0.00	41.43 2.07 0.00
FORT ORANGE____ 23900	36.70 0.75 0.00	34.11 0.76 0.00	34.12 0.68 0.00	33.21 0.68 0.00	32.11 0.67 0.00	37.57 0.74 0.00	51.21 0.83 0.00	37.49 0.71 0.00	30.49 0.59 0.00	31.64 0.56 0.00	33.84 0.50 0.00	29.57 0.41 0.00	28.93 0.39 0.00	31.13 0.41 0.00	38.02 0.55 0.00	32.44 0.48 0.00	138.01 2.61 0.00	36.84 0.71 0.00	43.09 0.93 0.00	37.78 0.73 0.00	43.58 0.77 0.00	41.29 0.77 0.00	40.15 0.79 0.00	40.19 0.83 0.00
FORT_DRUM_COGEN 23780	35.32 -0.69 -0.07	32.31 -1.04 0.00	32.30 -1.14 0.00	31.96 -0.57 0.00	30.96 -0.47 0.00	36.18 -0.65 0.00	49.36 -1.02 0.00	35.53 -1.25 0.00	28.08 -1.82 0.00	29.07 -2.01 0.00	31.29 -2.05 0.00	27.34 -1.82 0.00	26.76 -1.78 0.00	28.87 -1.86 0.00	35.19 -2.27 0.00	29.87 -2.09 0.00	127.46 -7.93 0.00	34.99 -1.14 0.00	41.29 -0.87 0.00	36.66 -0.39 0.00	42.62 -0.19 0.00	40.34 -0.18 0.00	39.06 -0.30 0.00	38.84 -0.52 0.00
FOX_HILLS___ESR 323835	37.53 1.58 0.00	34.83 1.48 0.00	34.82 1.38 0.00	33.80 1.27 0.00	32.63 1.19 0.00	38.31 1.49 0.00	52.75 2.38 0.00	38.77 1.99 0.00	31.62 1.73 0.00	33.03 1.95 0.00	35.21 1.87 0.00	30.44 1.28 0.00	29.94 1.39 0.00	32.23 1.51 0.00	39.79 2.33 0.00	33.70 1.74 0.00	144.94 9.54 0.00	38.68 2.55 0.00	44.97 2.82 0.00	39.53 2.48 0.00	45.55 2.74 0.00	42.80 2.28 0.00	41.67 2.31 0.00	41.66 2.29 0.00
FPL FAR_ROCK_GT1 24212	68.21 2.47 -29.80	48.02 2.32 -12.34	46.83 2.25 -11.13	47.47 2.12 -12.82	54.61 1.88 -21.29	51.39 2.22 -12.35	52.92 2.54 0.00	38.89 2.11 0.00	31.97 2.07 0.00	46.89 2.51 -13.30	35.52 2.18 0.00	33.64 1.91 -2.58	30.47 1.93 0.00	37.24 2.09 -4.43	40.05 2.58 0.00	34.16 2.20 0.00	139.28 8.23 4.34	42.78 2.91 -3.74	45.13 2.97 0.00	54.36 2.66 -14.65	45.82 3.02 0.00	43.63 2.53 -0.58	54.63 2.66 -12.62	55.86 2.69 -13.80

FPL FAR_ROCK_GT2 23815	68.21 2.47 -29.80	48.02 2.32 -12.34	46.83 2.25 -11.13	47.47 2.12 -12.82	54.61 1.88 -21.29	51.39 2.22 -12.35	52.92 2.54 0.00	38.89 2.11 0.00	31.97 2.07 0.00	46.89 2.51 -13.30	35.52 2.18 0.00	33.64 1.91 -2.58	30.47 1.93 0.00	37.24 2.09 -4.43	40.05 2.58 0.00	34.16 2.20 0.00	139.28 8.23 4.34	42.78 2.91 -3.74	45.13 2.97 0.00	54.36 2.66 -14.65	45.82 3.02 0.00	43.63 2.53 -0.58	54.63 2.66 -12.62	55.86 2.69 -13.80
FRANKLIN_FALL_HYD 24054	36.00 0.06 0.00	33.42 0.07 0.00	33.56 0.12 0.00	32.68 0.15 0.00	31.59 0.15 0.00	37.03 0.19 0.00	50.75 0.37 0.00	36.98 0.20 0.00	29.76 -0.14 0.00	30.60 -0.48 0.00	32.84 -0.49 0.00	28.68 -0.48 0.00	28.03 -0.52 0.00	30.16 -0.57 0.00	36.75 -0.72 0.00	31.41 -0.55 0.00	133.09 -2.30 0.00	35.80 -0.33 0.00	42.11 -0.05 0.00	37.20 0.15 0.00	43.14 0.33 0.00	40.87 0.35 0.00	39.54 0.19 0.00	39.43 0.07 0.00
FREEPORT_EQUUS_GT1 23764	59.80 2.12 -21.74	44.50 2.06 -9.09	43.62 1.99 -8.20	43.84 1.86 -9.44	48.87 1.75 -15.67	47.96 2.04 -9.09	52.55 2.17 0.00	38.61 1.83 0.00	31.74 1.84 0.00	43.14 2.27 -9.79	35.24 1.90 0.00	32.72 1.66 -1.90	30.24 1.70 0.00	35.85 1.87 -3.26	39.73 2.26 0.00	33.89 1.93 0.00	137.88 6.90 4.42	41.47 2.59 -2.75	44.74 2.58 0.00	50.16 2.32 -10.79	45.46 2.65 0.00	43.19 2.24 -0.42	51.09 2.45 -9.29	52.00 2.48 -10.17
FREEPORT___CT2 23818	59.80 2.12 -21.74	44.50 2.06 -9.09	43.62 1.99 -8.20	43.84 1.86 -9.44	48.87 1.75 -15.67	47.96 2.04 -9.09	52.55 2.17 0.00	38.61 1.83 0.00	31.74 1.84 0.00	43.14 2.27 -9.79	35.24 1.90 0.00	32.72 1.66 -1.90	30.24 1.70 0.00	35.85 1.87 -3.26	39.73 2.26 0.00	33.89 1.93 0.00	137.88 6.90 4.42	41.47 2.59 -2.75	44.74 2.58 0.00	50.16 2.32 -10.79	45.46 2.65 0.00	43.19 2.24 -0.42	51.09 2.45 -9.29	52.00 2.48 -10.17
FRESHKLS_33_KV_LOAD 356253	37.62 1.67 0.00	34.91 1.56 0.00	34.91 1.47 0.00	33.88 1.36 0.00	32.71 1.27 0.00	38.41 1.58 0.00	52.88 2.51 0.00	38.87 2.09 0.00	31.68 1.79 0.00	33.06 1.98 0.00	35.22 1.88 0.00	30.44 1.28 0.00	29.95 1.41 0.00	32.26 1.54 0.00	39.84 2.38 0.00	33.74 1.78 0.00	145.19 9.79 0.00	38.75 2.62 0.00	45.07 2.91 0.00	39.65 2.59 0.00	45.69 2.88 0.00	42.93 2.40 0.00	41.79 2.43 0.00	41.79 2.42 0.00
FULTON COGEN____ 23766	34.86 -1.22 -0.13	32.19 -1.16 0.00	32.29 -1.15 0.00	31.42 -1.11 0.00	30.37 -1.06 0.00	35.61 -1.22 0.00	48.69 -1.68 0.00	35.53 -1.25 0.00	28.89 -1.01 0.00	30.11 -0.97 0.00	32.36 -0.98 0.00	28.34 -0.81 0.00	27.76 -0.79 0.00	29.92 -0.80 0.00	36.48 -0.99 0.00	31.16 -0.80 0.00	131.44 -3.96 0.00	35.04 -1.09 0.00	40.78 -1.38 0.00	35.90 -1.15 0.00	41.44 -1.37 0.00	39.21 -1.31 0.00	38.07 -1.29 0.00	38.07 -1.29 0.00
FULTON___LFGE 323630	37.51 1.56 0.00	34.80 1.44 0.00	34.90 1.46 0.00	33.93 1.40 0.00	32.78 1.34 0.00	38.49 1.66 0.00	52.77 2.39 0.00	37.66 0.89 0.00	29.84 -0.06 0.00	30.81 -0.27 0.00	33.00 -0.34 0.00	28.81 -0.35 0.00	28.21 -0.33 0.00	30.41 -0.31 0.00	37.46 -0.28 -0.28	32.02 0.06 0.00	145.32 1.79 -8.13	37.43 1.30 0.00	44.06 1.91 0.00	38.96 1.91 0.00	45.11 2.31 0.00	42.59 2.07 0.00	41.28 1.92 0.00	41.20 1.83 0.00
G.F.CEMENT___DRP 24184	37.98 2.03 0.00	35.11 1.76 0.00	35.20 1.77 0.00	34.41 1.88 0.00	33.28 1.84 0.00	39.13 2.30 0.00	53.58 3.21 0.00	38.98 2.20 0.00	31.46 1.56 0.00	32.49 1.41 0.00	34.62 1.28 0.00	30.34 1.18 0.00	29.58 1.04 0.00	31.84 1.12 0.00	38.81 1.35 0.00	33.09 1.13 0.00	141.10 5.70 0.00	37.73 1.60 0.00	43.85 1.69 0.00	38.29 1.23 0.00	44.30 1.49 0.00	42.15 1.63 0.00	41.00 1.65 0.00	41.02 1.66 0.00
GARDENVILLE___LBMP 24039	34.37 -1.57 0.00	30.09 -1.73 1.54	32.03 -1.41 0.00	31.08 -1.45 0.00	30.01 -1.43 0.00	35.49 -1.34 0.00	48.19 -2.18 0.00	35.10 -1.68 0.00	29.15 -0.75 0.00	30.85 -0.23 0.00	33.44 0.10 0.00	29.54 0.38 0.00	28.81 0.27 0.00	30.89 0.17 0.00	34.63 -0.66 2.17	31.45 -0.51 0.00	64.21 -7.21 63.98	34.28 -1.85 0.00	39.51 -2.65 0.00	35.03 -2.02 0.00	40.37 -2.44 0.00	33.54 -2.45 4.54	36.97 -2.38 0.00	37.10 -2.27 0.00
GARDNVLA_35_KV_LD 355827	34.60 -1.34 0.00	30.28 -1.54 1.54	32.23 -1.21 0.00	31.26 -1.27 0.00	30.18 -1.26 0.00	35.70 -1.13 0.00	48.50 -1.87 0.00	35.38 -1.40 0.00	29.41 -0.49 0.00	31.05 -0.03 0.00	33.55 0.21 0.00	29.65 0.50 0.00	28.93 0.38 0.00	31.02 0.29 0.00	34.76 -0.54 2.17	31.56 -0.40 0.00	64.45 -6.82 64.13	34.40 -1.73 0.00	39.63 -2.53 0.00	35.14 -1.91 0.00	40.49 -2.32 0.00	33.66 -2.32 4.55	37.09 -2.26 0.00	37.20 -2.17 0.00
GELCKHM___115KV_LOAD 80723	35.36 -0.63 -0.04	32.55 -0.62 0.18	32.83 -0.61 0.00	31.94 -0.59 0.00	30.89 -0.55 0.00	36.22 -0.61 0.00	49.54 -0.84 0.00	36.12 -0.66 0.00	29.38 -0.52 0.00	30.65 -0.43 0.00	32.96 -0.38 0.00	28.90 -0.26 0.00	28.29 -0.26 0.00	30.48 -0.24 0.00	36.86 -0.35 0.25	31.70 -0.26 0.00	126.44 -1.52 7.43	35.67 -0.47 0.00	41.51 -0.65 0.00	36.51 -0.54 0.00	42.14 -0.67 0.00	39.30 -0.68 0.53	38.69 -0.66 0.00	38.69 -0.67 0.00
GENERAL___MILLS 23808	34.46 -1.48 0.00	30.16 -1.66 1.54	32.10 -1.34 0.00	31.14 -1.39 0.00	30.07 -1.37 0.00	35.56 -1.27 0.00	48.31 -2.07 0.00	35.21 -1.57 0.00	29.24 -0.66 0.00	30.93 -0.15 0.00	33.48 0.15 0.00	29.59 0.43 0.00	28.87 0.33 0.00	30.95 0.23 0.00	34.68 -0.61 2.17	31.50 -0.47 0.00	64.24 -7.06 64.09	34.34 -1.79 0.00	39.57 -2.59 0.00	35.08 -1.97 0.00	40.42 -2.38 0.00	33.60 -2.38 4.54	37.02 -2.33 0.00	37.15 -2.22 0.00
GE_PLASTICS___DRP 24183	36.60 0.65 0.00	34.03 0.67 0.00	34.06 0.62 0.00	33.12 0.60 0.00	32.01 0.57 0.00	37.45 0.62 0.00	51.09 0.72 0.00	37.41 0.63 0.00	30.47 0.57 0.00	31.66 0.58 0.00	33.87 0.53 0.00	29.59 0.44 0.00	28.96 0.42 0.00	31.17 0.44 0.00	38.08 0.62 0.00	32.47 0.51 0.00	138.12 2.72 0.00	36.84 0.71 0.00	43.01 0.85 0.00	37.68 0.63 0.00	43.48 0.67 0.00	41.19 0.66 0.00	40.08 0.72 0.00	40.11 0.75 0.00
GILBOA___1 23756	36.67 0.72 0.00	34.33 0.80 -0.18	34.19 0.76 0.00	33.24 0.71 0.00	32.10 0.66 0.00	37.49 0.66 0.00	51.24 0.87 0.00	37.48 0.70 0.00	30.57 0.67 0.00	31.80 0.72 0.00	34.03 0.69 0.00	29.69 0.53 0.00	29.09 0.54 0.00	31.30 0.58 0.00	38.53 0.82 -0.25	32.64 0.67 0.00	146.24 3.58 -7.26	37.06 0.93 0.00	43.20 1.03 0.00	37.84 0.79 0.00	43.62 0.81 0.00	41.80 0.75 -0.54	40.26 0.91 0.00	40.29 0.92 0.00
GILBOA___2 23757	36.67 0.72 0.00	34.33 0.80 -0.18	34.19 0.76 0.00	33.24 0.71 0.00	32.10 0.66 0.00	37.49 0.66 0.00	51.24 0.87 0.00	37.48 0.70 0.00	30.57 0.67 0.00	31.80 0.72 0.00	34.03 0.69 0.00	29.69 0.53 0.00	29.09 0.54 0.00	31.30 0.58 0.00	38.53 0.82 -0.25	32.64 0.67 0.00	146.24 3.58 -7.26	37.06 0.93 0.00	43.20 1.03 0.00	37.84 0.79 0.00	43.62 0.81 0.00	41.80 0.75 -0.54	40.26 0.91 0.00	40.29 0.92 0.00

GILBOA___3 23758	36.67 0.72 0.00	34.33 0.80 -0.18	34.19 0.76 0.00	33.24 0.71 0.00	32.10 0.66 0.00	37.49 0.66 0.00	51.24 0.87 0.00	37.48 0.70 0.00	30.57 0.67 0.00	31.80 0.72 0.00	34.03 0.69 0.00	29.69 0.53 0.00	29.09 0.54 0.00	31.30 0.58 0.00	38.53 0.82 -0.25	32.64 0.67 0.00	146.24 3.58 -7.26	37.06 0.93 0.00	43.20 1.03 0.00	37.84 0.79 0.00	43.62 0.81 0.00	41.80 0.75 -0.54	40.26 0.91 0.00	40.29 0.92 0.00
GILBOA___4 23759	36.67 0.72 0.00	34.33 0.80 -0.18	34.19 0.76 0.00	33.24 0.71 0.00	32.10 0.66 0.00	37.49 0.66 0.00	51.24 0.87 0.00	37.48 0.70 0.00	30.57 0.67 0.00	31.80 0.72 0.00	34.03 0.69 0.00	29.69 0.53 0.00	29.09 0.54 0.00	31.30 0.58 0.00	38.53 0.82 -0.25	32.64 0.67 0.00	146.24 3.58 -7.26	37.06 0.93 0.00	43.20 1.03 0.00	37.84 0.79 0.00	43.62 0.81 0.00	41.80 0.75 -0.54	40.26 0.91 0.00	40.29 0.92 0.00
GILBOA___ 23599	36.67 0.72 0.00	34.33 0.80 -0.18	34.19 0.76 0.00	33.24 0.71 0.00	32.10 0.66 0.00	37.49 0.66 0.00	51.24 0.86 0.00	37.48 0.70 0.00	30.57 0.67 0.00	31.80 0.72 0.00	34.03 0.69 0.00	29.69 0.54 0.00	29.09 0.54 0.00	31.30 0.57 0.00	38.53 0.82 -0.25	32.63 0.67 0.00	146.24 3.58 -7.26	37.06 0.94 0.00	43.20 1.04 0.00	37.85 0.79 0.00	43.62 0.81 0.00	41.80 0.75 -0.54	40.26 0.91 0.00	40.29 0.92 0.00
GINNA___ 23603	33.65 -2.29 0.00	30.38 -2.25 0.72	31.27 -2.17 0.00	30.38 -2.15 0.00	29.39 -2.05 0.00	34.59 -2.24 0.00	47.29 -3.08 0.00	34.42 -2.36 0.00	28.15 -1.75 0.00	29.46 -1.62 0.00	31.84 -1.50 0.00	28.00 -1.16 0.00	27.42 -1.12 0.00	29.57 -1.15 0.00	34.73 -1.73 1.00	30.46 -1.50 0.00	97.60 -8.20 29.60	33.89 -2.23 0.00	39.39 -2.77 0.00	34.72 -2.34 0.00	40.09 -2.72 0.00	35.76 -2.66 2.11	36.70 -2.66 0.00	36.68 -2.69 0.00
GLEN PARK___ 23778	35.36 -0.66 -0.07	32.33 -1.02 0.00	32.31 -1.13 0.00	31.99 -0.54 0.00	30.99 -0.44 0.00	36.31 -0.52 0.00	49.54 -0.83 0.00	35.57 -1.21 0.00	28.03 -1.86 0.00	29.00 -2.08 0.00	31.23 -2.11 0.00	27.27 -1.89 0.00	26.70 -1.84 0.00	28.81 -1.92 0.00	35.11 -2.35 0.00	29.78 -2.18 0.00	127.18 -8.22 0.00	35.05 -1.08 0.00	41.43 -0.72 0.00	36.80 -0.25 0.00	42.78 -0.03 0.00	40.50 -0.03 0.00	39.17 -0.18 0.00	38.94 -0.43 0.00
GLENDALE_27_KV_LOAD 356172	37.52 1.57 0.00	34.80 1.45 0.00	34.80 1.36 0.00	33.76 1.23 0.00	32.59 1.15 0.00	38.28 1.45 0.00	52.70 2.33 0.00	38.76 1.98 0.00	31.68 1.78 0.00	33.13 2.05 0.00	35.35 2.01 0.00	30.55 1.39 0.00	30.04 1.49 0.00	32.26 1.54 0.00	39.83 2.36 0.00	33.69 1.73 0.00	145.05 9.65 0.00	38.70 2.57 0.00	44.95 2.79 0.00	39.47 2.42 0.00	45.45 2.64 0.00	42.72 2.19 0.00	41.56 2.21 0.00	41.53 2.17 0.00
GLENWOOD_IC_1_G5 23712	64.37 1.91 -26.52	46.17 1.80 -11.01	45.12 1.74 -9.93	45.58 1.61 -11.44	51.94 1.50 -18.99	49.64 1.80 -11.01	52.61 2.24 0.00	38.65 1.87 0.00	31.69 1.79 0.00	45.10 2.15 -11.87	35.25 1.92 0.00	33.03 1.57 -2.30	30.16 1.62 0.00	36.42 1.75 -3.95	39.76 2.30 0.00	33.84 1.88 0.00	140.71 8.11 2.79	42.04 2.57 -3.33	44.75 2.59 0.00	52.37 2.25 -13.07	45.29 2.48 0.00	43.22 2.18 -0.51	52.91 2.30 -11.26	54.02 2.34 -12.32
GLENWOOD_IC_2_G1 23688	38.83 1.66 -1.23	35.43 1.57 -0.51	35.39 1.49 -0.46	34.43 1.37 -0.53	33.60 1.28 -0.87	38.87 1.54 -0.51	52.42 2.04 0.00	38.50 1.72 0.00	31.51 1.62 0.00	33.56 1.94 -0.55	35.08 1.74 0.00	30.63 1.36 -0.11	29.97 1.42 0.00	32.42 1.52 -0.18	39.55 2.09 0.00	33.63 1.66 0.00	143.14 7.74 0.00	38.64 2.35 -0.15	44.62 2.46 0.00	39.79 2.14 -0.60	45.18 2.37 0.00	42.52 1.98 -0.02	41.95 2.08 -0.52	42.04 2.11 -0.57
GLENWOOD_IC_3_G1 23689	38.83 1.66 -1.23	35.43 1.57 -0.51	35.39 1.49 -0.46	34.43 1.37 -0.53	33.60 1.28 -0.87	38.87 1.54 -0.51	52.42 2.04 0.00	38.50 1.72 0.00	31.51 1.62 0.00	33.56 1.94 -0.55	35.08 1.74 0.00	30.63 1.36 -0.11	29.97 1.42 0.00	32.42 1.52 -0.18	39.55 2.09 0.00	33.63 1.66 0.00	143.14 7.74 0.00	38.64 2.35 -0.15	44.62 2.46 0.00	39.79 2.14 -0.60	45.18 2.37 0.00	42.52 1.98 -0.02	41.95 2.08 -0.52	42.04 2.11 -0.57
GLENWOOD___4 23550	64.37 1.91 -26.52	46.17 1.80 -11.01	45.12 1.74 -9.93	45.58 1.61 -11.44	51.94 1.50 -18.99	49.64 1.80 -11.01	52.61 2.24 0.00	38.65 1.87 0.00	31.69 1.79 0.00	45.10 2.15 -11.87	35.25 1.92 0.00	33.03 1.57 -2.30	30.16 1.62 0.00	36.42 1.75 -3.95	39.76 2.30 0.00	33.84 1.88 0.00	140.71 8.11 2.79	42.04 2.57 -3.33	44.77 2.61 0.00	52.40 2.28 -13.07	45.33 2.52 0.00	43.22 2.18 -0.51	52.91 2.30 -11.26	54.02 2.34 -12.32
GLENWOOD___5 23614	64.37 1.91 -26.52	46.17 1.80 -11.01	45.12 1.74 -9.93	45.58 1.61 -11.44	51.94 1.50 -18.99	49.64 1.80 -11.01	52.61 2.24 0.00	38.65 1.87 0.00	31.69 1.79 0.00	45.10 2.15 -11.87	35.25 1.92 0.00	33.03 1.57 -2.30	30.16 1.62 0.00	36.42 1.75 -3.95	39.76 2.30 0.00	33.84 1.88 0.00	140.71 8.11 2.79	42.04 2.57 -3.33	44.77 2.61 0.00	52.40 2.28 -13.07	45.33 2.52 0.00	43.22 2.18 -0.51	52.91 2.30 -11.26	54.02 2.34 -12.32
GLOBAL GREEN_PORT_GT1 23814	54.79 2.23 -16.62	41.80 1.58 -6.86	41.30 1.67 -6.19	41.25 1.59 -7.13	44.94 1.67 -11.83	45.88 2.18 -6.86	52.25 1.88 0.00	38.14 1.36 0.00	31.41 1.51 0.00	40.76 2.29 -7.39	35.27 1.94 0.00	32.46 1.86 -1.43	29.94 1.40 0.00	34.63 1.45 -2.46	39.11 1.65 0.00	33.00 1.04 0.00	129.12 -0.95 5.32	39.17 0.97 -2.08	43.68 1.51 0.00	46.48 1.28 -8.14	25.74 1.15 18.22	30.40 0.82 10.95	47.65 1.28 -7.01	48.51 1.47 -7.67
GLOBE___DSASP 323697	33.49 -2.45 0.00	29.46 -2.53 1.37	31.16 -2.28 0.00	30.18 -2.35 0.00	29.15 -2.29 0.00	34.42 -2.41 0.00	46.68 -3.70 0.00	33.86 -2.92 0.00	28.23 -1.67 0.00	29.76 -1.32 0.00	32.46 -0.88 0.00	28.67 -0.48 0.00	28.01 -0.53 0.00	30.04 -0.68 0.00	33.84 -1.70 1.93	30.52 -1.44 0.00	67.16 -11.44 56.81	32.90 -3.23 0.00	37.90 -4.26 0.00	33.56 -3.50 0.00	38.68 -4.13 0.00	32.63 -3.86 4.03	35.63 -3.72 0.00	36.01 -3.36 0.00
GOETHSLN___LBMP 323567	37.30 1.36 0.00	34.62 1.26 0.00	34.61 1.17 0.00	33.58 1.05 0.00	32.43 0.99 0.00	38.07 1.24 0.00	52.41 2.03 0.00	38.50 1.72 0.00	31.43 1.53 0.00	32.89 1.81 0.00	35.08 1.75 0.00	30.33 1.17 0.00	29.81 1.27 0.00	32.03 1.31 0.00	39.55 2.08 0.00	33.45 1.49 0.00	143.99 8.59 0.00	38.42 2.29 0.00	44.65 2.49 0.00	39.18 2.13 0.00	45.15 2.34 0.00	42.43 1.91 0.00	41.29 1.94 0.00	41.30 1.94 0.00
GOLAH___69_KV_TB 1_2 80279	35.38 -0.56 0.00	31.81 -0.71 0.83	32.85 -0.59 0.00	31.95 -0.58 0.00	30.84 -0.59 0.00	36.43 -0.40 0.00	49.72 -0.66 0.00	36.12 -0.66 0.00	29.57 -0.33 0.00	30.94 -0.14 0.00	33.63 0.30 0.00	29.53 0.38 0.00	29.01 0.47 0.00	31.27 0.54 0.00	36.43 0.13 1.16	32.00 0.04 0.00	98.55 -2.59 34.26	35.41 -0.72 0.00	41.04 -1.12 0.00	36.27 -0.79 0.00	41.92 -0.89 0.00	37.17 -0.92 2.43	38.38 -0.97 0.00	38.39 -0.98 0.00

GOODYEAR_LAKE_HYD 323669	36.99 1.04 -0.01	34.78 1.01 -0.42	34.45 1.01 0.00	33.48 0.95 0.00	32.36 0.91 0.00	37.95 1.12 0.00	52.17 1.80 0.00	37.98 1.20 0.00	30.72 0.82 0.00	32.51 1.43 0.00	34.80 1.46 0.00	30.54 1.39 0.00	29.84 1.30 0.00	32.27 1.55 0.00	40.38 1.92 -1.00	34.04 2.08 0.00	174.22 9.25 -29.57	39.14 3.01 0.00	45.67 3.51 0.00	39.31 2.26 0.00	44.59 1.78 0.00	43.27 1.53 -1.22	40.83 1.47 0.00	40.78 1.41 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.03 0.06 -0.03	35.04 0.03 -1.65	33.51 0.07 0.00	32.58 0.05 0.00	31.49 0.05 0.00	36.95 0.12 0.00	50.57 0.20 0.00	36.89 0.11 0.00	29.99 0.10 0.00	31.35 0.27 0.00	33.59 0.26 0.00	29.46 0.30 0.00	28.81 0.27 0.00	31.04 0.31 0.00	40.17 0.32 -2.38	32.31 0.35 0.00	207.13 1.28 -70.45	36.54 0.41 0.00	42.53 0.37 0.00	37.40 0.35 0.00	43.10 0.29 0.00	45.52 0.13 -4.86	39.53 0.18 0.00	39.53 0.16 0.00
GOUDEY___7 23579	36.03 0.06 -0.03	35.04 0.03 -1.65	33.51 0.07 0.00	32.58 0.05 0.00	31.49 0.05 0.00	36.95 0.12 0.00	50.57 0.20 0.00	36.89 0.11 0.00	29.99 0.10 0.00	31.35 0.27 0.00	33.59 0.26 0.00	29.46 0.30 0.00	28.81 0.27 0.00	31.04 0.31 0.00	40.17 0.32 -2.38	32.31 0.35 0.00	207.13 1.28 -70.45	36.54 0.41 0.00	42.53 0.37 0.00	37.40 0.35 0.00	43.10 0.29 0.00	45.52 0.13 -4.86	39.53 0.18 0.00	39.53 0.16 0.00
GOUDEY___8 23580	36.03 0.06 -0.03	35.04 0.03 -1.65	33.51 0.07 0.00	32.58 0.05 0.00	31.49 0.05 0.00	36.95 0.12 0.00	50.57 0.20 0.00	36.89 0.11 0.00	29.99 0.10 0.00	31.35 0.27 0.00	33.59 0.26 0.00	29.46 0.30 0.00	28.81 0.27 0.00	31.04 0.31 0.00	40.17 0.32 -2.38	32.31 0.35 0.00	207.13 1.28 -70.45	36.54 0.41 0.00	42.53 0.37 0.00	37.40 0.35 0.00	43.10 0.29 0.00	45.52 0.13 -4.86	39.53 0.18 0.00	39.53 0.16 0.00
GOWANUS_GT1_1 24077	37.50 1.56 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT1_2 24078	37.50 1.56 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT1_3 24079	37.50 1.56 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT1_4 24080	37.50 1.56 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT1_5 24084	37.50 1.56 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT1_6 24111	37.50 1.56 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT1_7 24112	37.50 1.56 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT1_8 24113	37.50 1.56 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT2_1 24114	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT2_2 24115	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT2_3 24116	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00

GOWANUS_GT2_4 24117	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT2_5 24118	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT2_6 24119	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT2_7 24120	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT2_8 24121	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT3_1 24122	37.50 1.56 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT3_2 24123	37.50 1.56 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT3_3 24124	37.50 1.56 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT3_4 24125	37.50 1.56 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT3_5 24126	37.50 1.56 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT3_6 24127	37.50 1.56 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT3_7 24128	37.50 1.56 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT3_8 24129	37.50 1.56 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
GOWANUS_GT4_1 24130	37.53 1.58 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT4_2 24131	37.53 1.58 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00

GOWANUS_GT4_3 24132	37.53 1.58 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT4_4 24133	37.53 1.58 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT4_5 24134	37.53 1.58 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT4_6 24135	37.53 1.58 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT4_7 24136	37.53 1.58 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GOWANUS_GT4_8 24137	37.53 1.58 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GREATVR_69_KV_BK1 356245	55.38 2.38 -17.06	42.68 2.24 -7.09	42.06 2.22 -6.39	42.00 2.10 -7.36	45.67 2.01 -12.22	44.88 2.27 -6.79	52.66 2.29 0.00	38.64 1.86 0.00	31.84 1.94 0.00	41.17 2.45 -7.64	35.31 1.98 0.00	32.40 1.76 -1.48	30.25 1.70 0.00	35.17 1.90 -2.54	39.73 2.26 0.00	33.91 1.95 0.00	136.84 6.66 5.22	40.99 2.71 -2.15	44.86 2.71 0.00	47.91 2.44 -8.41	48.75 2.64 -3.31	45.14 2.24 -2.37	48.32 2.54 -6.79	
GREENBSH_115KV_TB3 55895	36.49 0.55 0.00	33.93 0.58 0.00	33.96 0.52 0.00	33.04 0.51 0.00	31.94 0.50 0.00	37.36 0.52 0.00	50.89 0.51 0.00	37.29 0.51 0.00	30.41 0.51 0.00	31.57 0.49 0.00	33.77 0.43 0.00	29.51 0.36 0.00	28.88 0.34 0.00	31.07 0.35 0.00	37.95 0.48 0.00	32.36 0.40 0.00	137.62 2.22 0.00	36.72 0.60 0.00	42.87 0.71 0.00	37.55 0.50 0.00	43.29 0.48 0.00	41.05 0.53 0.00	39.93 0.58 0.00	39.97 0.60 0.00
GREENDGE_115KV_TB5 80291	35.20 -0.77 -0.02	30.45 -0.88 2.02	32.78 -0.66 0.00	31.85 -0.68 0.00	30.84 -0.60 0.00	36.38 -0.45 0.00	49.70 -0.67 0.00	36.19 -0.59 0.00	29.31 -0.59 0.00	30.78 -0.29 0.00	33.02 -0.32 0.00	29.26 0.11 0.00	28.66 0.12 0.00	30.79 0.07 0.00	34.38 -0.27 2.81	31.87 -0.09 0.00	50.29 -2.32 82.78	35.80 -0.33 0.00	41.46 -0.70 0.00	36.72 -0.34 0.00	42.35 -0.46 0.00	33.88 -0.77 5.87	38.62 -0.74 0.00	38.56 -0.80 0.00
GREENIDGE___3 23582	35.20 -0.77 -0.02	30.45 -0.88 2.02	32.78 -0.66 0.00	31.85 -0.68 0.00	30.84 -0.60 0.00	36.38 -0.45 0.00	49.70 -0.67 0.00	36.19 -0.59 0.00	29.31 -0.59 0.00	30.78 -0.29 0.00	33.02 -0.32 0.00	29.26 0.11 0.00	28.66 0.12 0.00	30.79 0.07 0.00	34.38 -0.27 2.81	31.87 -0.09 0.00	50.29 -2.32 82.78	35.80 -0.33 0.00	41.46 -0.70 0.00	36.72 -0.34 0.00	42.35 -0.46 0.00	33.88 -0.77 5.87	38.62 -0.74 0.00	38.56 -0.80 0.00
GREENIDGE___4 23583	35.20 -0.77 -0.02	30.44 -0.89 2.02	32.77 -0.67 0.00	31.85 -0.68 0.00	30.83 -0.61 0.00	36.38 -0.45 0.00	49.71 -0.67 0.00	36.18 -0.60 0.00	29.31 -0.59 0.00	30.78 -0.30 0.00	33.02 -0.32 0.00	29.27 0.11 0.00	28.65 0.11 0.00	30.79 0.07 0.00	34.38 -0.27 2.81	31.86 -0.10 0.00	50.27 -2.34 82.78	35.80 -0.33 0.00	41.45 -0.71 0.00	36.72 -0.34 0.00	42.35 -0.46 0.00	33.86 -0.78 5.87	38.61 -0.74 0.00	38.57 -0.79 0.00
GREENLWN_69_KV_BK 3 55738	54.69 1.79 -16.96	42.11 1.73 -7.03	41.47 1.69 -6.34	41.41 1.58 -7.31	45.01 1.44 -12.13	45.44 1.58 -7.03	51.67 1.30 0.00	38.02 1.24 0.00	31.39 1.50 0.00	40.67 2.01 -7.58	34.89 1.55 0.00	32.03 1.41 -1.47	29.95 1.41 0.00	34.82 1.58 -2.52	39.34 1.87 0.00	33.58 1.62 0.00	135.36 5.20 5.24	40.41 2.15 -2.13	44.08 1.92 0.00	47.12 1.72 -8.35	44.66 1.85 0.00	42.34 1.49 -0.33	48.41 1.87 -7.19	49.25 2.02 -7.87
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.53 1.58 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00
GRISSOM___SOLAR 323813	37.51 1.56 0.00	34.80 1.44 0.00	34.89 1.44 0.00	33.92 1.40 0.00	32.77 1.33 0.00	38.48 1.65 0.00	52.69 2.32 0.00	37.58 0.80 0.00	29.73 -0.17 0.00	30.67 -0.41 0.00	32.84 -0.50 0.00	28.65 -0.51 0.00	28.06 -0.48 0.00	30.23 -0.49 0.00	37.22 -0.50 -0.26	31.81 -0.15 0.00	144.06 1.09 -7.58	37.31 1.18 0.00	43.88 1.73 0.00	38.84 1.79 0.00	45.00 2.19 0.00	42.50 1.98 0.00	41.22 1.87 0.00	41.15 1.79 0.00
GROVEVILLE___HYD 323602	37.51 1.57 0.00	34.82 1.47 0.00	34.83 1.39 0.00	33.79 1.27 0.00	32.63 1.20 0.00	38.31 1.48 0.00	52.65 2.27 0.00	38.60 1.82 0.00	31.41 1.51 0.00	32.73 1.65 0.00	34.90 1.57 0.00	30.33 1.18 0.00	29.76 1.22 0.00	32.00 1.28 0.00	39.29 1.83 0.00	33.49 1.53 0.00	143.52 8.12 0.00	38.35 2.22 0.00	44.66 2.50 0.00	39.22 2.17 0.00	45.24 2.43 0.00	42.57 2.04 0.00	41.44 2.09 0.00	41.43 2.07 0.00

GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.59 -0.43 -0.07	32.70 -0.43 0.23	33.02 -0.42 0.00	32.12 -0.40 0.00	31.08 -0.37 0.00	36.44 -0.38 0.00	49.86 -0.51 0.00	36.34 -0.43 0.00	29.52 -0.38 0.00	30.79 -0.28 0.00	33.09 -0.25 0.00	29.04 -0.12 0.00	28.43 -0.11 0.00	30.62 -0.10 0.00	36.98 -0.17 0.31	31.87 -0.09 0.00	125.43 -0.83 9.14	35.91 -0.23 0.00	41.79 -0.37 0.00	36.75 -0.30 0.00	42.43 -0.38 0.00	39.41 -0.45 0.66	38.92 -0.44 0.00	38.91 -0.45 0.00
HAMLTNNY_34_KV_TB 80303	35.70 -0.32 -0.07	32.73 -0.32 0.30	33.11 -0.33 0.00	32.21 -0.32 0.00	31.17 -0.27 0.00	36.56 -0.27 0.00	50.02 -0.36 0.00	36.44 -0.34 0.00	29.57 -0.33 0.00	30.82 -0.26 0.00	33.13 -0.21 0.00	29.07 -0.09 0.00	28.47 -0.07 0.00	30.71 -0.01 0.00	36.97 -0.08 0.41	31.96 0.00 0.00	122.62 -0.57 12.21	35.99 -0.14 0.00	41.89 -0.28 0.00	36.84 -0.21 0.00	42.57 -0.24 0.00	39.28 -0.36 0.88	38.98 -0.38 0.00	38.98 -0.38 0.00
HAMPSHIRE___PAPER_HYD 323593	35.03 -0.95 -0.03	32.30 -1.05 0.00	32.36 -1.08 0.00	31.68 -0.84 0.00	30.67 -0.78 0.00	35.93 -0.90 0.00	49.12 -1.25 0.00	35.53 -1.25 0.00	28.36 -1.53 0.00	29.23 -1.85 0.00	31.41 -1.92 0.00	27.43 -1.73 0.00	26.85 -1.69 0.00	28.93 -1.79 0.00	35.28 -2.18 0.00	30.07 -1.89 0.00	128.02 -7.37 0.00	34.67 -1.46 0.00	40.84 -1.32 0.00	36.17 -0.89 0.00	42.03 -0.79 0.00	39.81 -0.71 0.00	38.65 -0.71 0.00	38.54 -0.83 0.00
HARDSCRABBLE_WT_PWR 323673	36.46 0.52 0.00	33.88 0.53 0.00	33.95 0.51 0.00	33.09 0.56 0.00	31.97 0.53 0.00	37.43 0.59 0.00	51.12 0.74 0.00	36.82 0.04 0.00	29.49 -0.41 0.00	30.38 -0.70 0.00	32.44 -0.90 0.00	28.27 -0.89 0.00	27.66 -0.88 0.00	29.68 -1.04 0.00	36.40 -1.06 0.00	31.14 -0.82 0.00	134.37 -1.03 0.00	36.62 0.49 0.00	42.99 0.83 0.00	37.89 0.83 0.00	43.74 0.93 0.00	41.41 0.88 0.00	40.34 0.99 0.00	40.27 0.91 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.32 1.38 0.00	34.81 1.28 -0.17	34.65 1.22 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.13 1.30 0.00	52.42 2.05 0.00	38.42 1.65 0.00	31.27 1.38 0.00	32.62 1.54 0.00	34.80 1.46 0.00	30.24 1.09 0.00	29.69 1.15 0.00	31.93 1.21 0.00	39.49 1.79 -0.24	33.40 1.44 0.00	150.15 7.74 -7.01	38.23 2.10 0.00	44.52 2.36 0.00	39.13 2.08 0.00	45.12 2.31 0.00	42.93 1.90 -0.51	41.27 1.92 0.00	41.30 1.93 0.00
HARSNRAD_115KV_TB1 81005	34.11 -1.83 0.00	30.08 -1.96 1.31	31.74 -1.70 0.00	30.75 -1.78 0.00	29.71 -1.73 0.00	35.10 -1.73 0.00	47.56 -2.81 0.00	34.58 -2.20 0.00	28.79 -1.11 0.00	30.33 -0.75 0.00	32.99 -0.35 0.00	29.06 -0.09 0.00	28.41 -0.13 0.00	30.49 -0.23 0.00	34.47 -1.15 1.84	30.99 -0.97 0.00	71.76 -9.30 54.35	33.67 -2.45 0.00	38.82 -3.34 0.00	34.41 -2.65 0.00	39.70 -3.11 0.00	33.70 -2.97 3.86	36.49 -2.87 0.00	36.65 -2.71 0.00
HARZA MOOSE___RIVER 24016	36.14 0.17 -0.03	33.30 -0.05 0.00	33.33 -0.11 0.00	32.63 0.10 0.00	31.61 0.17 0.00	37.09 0.26 0.00	50.68 0.31 0.00	36.65 -0.13 0.00	29.25 -0.65 0.00	30.26 -0.82 0.00	32.45 -0.89 0.00	28.36 -0.79 0.00	27.77 -0.77 0.00	29.93 -0.79 0.00	36.55 -0.91 0.00	31.25 -0.72 0.00	133.54 -1.86 0.00	36.15 0.03 0.00	42.41 0.25 0.00	37.53 0.48 0.00	43.51 0.70 0.00	41.16 0.64 0.00	39.95 0.59 0.00	39.81 0.44 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.35 -0.63 -0.04	32.74 -0.61 0.00	32.84 -0.60 0.00	31.94 -0.59 0.00	30.89 -0.56 0.00	36.23 -0.60 0.00	49.55 -0.83 0.00	36.13 -0.65 0.00	29.40 -0.50 0.00	30.69 -0.39 0.00	33.00 -0.34 0.00	28.93 -0.22 0.00	28.32 -0.22 0.00	30.52 -0.20 0.00	37.16 -0.31 0.00	31.74 -0.23 0.00	134.01 -1.38 0.00	35.70 -0.43 0.00	41.52 -3.34 0.00	36.53 -2.65 0.00	42.16 -3.11 0.00	39.84 -2.87 0.00	38.69 -2.87 0.00	38.69 -0.67 0.00
HELLGATE_13_KV_LD 55870	37.54 1.60 0.00	34.82 1.46 0.00	34.81 1.37 0.00	33.77 1.25 0.00	32.61 1.17 0.00	38.31 1.48 0.00	52.72 2.35 0.00	38.79 2.01 0.00	31.70 1.80 0.00	33.16 2.08 0.00	35.38 2.04 0.00	30.58 1.42 0.00	30.06 1.52 0.00	32.28 1.56 0.00	39.83 2.37 0.00	33.71 1.75 0.00	145.07 9.67 0.00	38.71 2.58 0.00	44.95 2.79 0.00	39.48 2.42 0.00	45.46 2.65 0.00	42.72 2.20 0.00	41.57 2.22 0.00	41.55 2.18 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.54 1.60 0.00	34.82 1.46 0.00	34.81 1.37 0.00	33.77 1.25 0.00	32.61 1.17 0.00	38.31 1.48 0.00	52.72 2.35 0.00	38.79 2.01 0.00	31.70 1.80 0.00	33.16 2.08 0.00	35.38 2.04 0.00	30.58 1.42 0.00	30.06 1.52 0.00	32.28 1.56 0.00	39.83 2.37 0.00	33.71 1.75 0.00	145.07 9.67 0.00	38.71 2.58 0.00	44.95 2.79 0.00	39.48 2.42 0.00	45.46 2.65 0.00	42.72 2.20 0.00	41.57 2.22 0.00	41.55 2.18 0.00
HEMPSTEAD____ 23647	61.60 2.00 -23.66	45.13 1.92 -9.85	44.18 1.86 -8.89	44.50 1.74 -10.23	50.06 1.64 -16.99	48.58 1.90 -9.85	52.47 2.10 0.00	38.57 1.79 0.00	31.69 1.79 0.00	43.89 2.20 -10.61	35.21 1.87 0.00	32.82 1.61 -2.06	30.20 1.65 0.00	36.06 1.81 -3.53	39.71 2.25 0.00	33.86 1.89 0.00	138.72 7.20 3.88	41.65 2.54 -2.98	44.70 2.54 0.00	51.00 2.26 -11.69	45.33 2.52 0.00	43.12 2.13 -0.46	51.75 2.33 -10.07	52.76 2.38 -11.02
HICKLING___1 23621	34.88 -1.08 -0.02	28.79 -1.25 3.31	32.53 -0.91 0.00	31.61 -0.92 0.00	30.58 -0.86 0.00	36.13 -0.70 0.00	49.20 -1.18 0.00	35.90 -0.88 0.00	29.25 -0.65 0.00	31.14 0.06 0.00	33.31 -0.02 0.00	29.62 0.47 0.00	28.79 0.25 0.00	30.94 0.22 0.00	32.41 -0.43 4.62	31.91 -0.05 0.00	-3.90 -2.99 136.31	35.74 -0.39 0.00	41.07 -1.09 0.00	36.50 -0.55 0.00	41.97 -0.84 0.00	29.59 -1.27 9.66	38.24 -1.11 0.00	38.24 -1.12 0.00
HICKLING___2 23622	34.88 -1.08 -0.02	28.79 -1.25 3.31	32.53 -0.91 0.00	31.61 -0.92 0.00	30.58 -0.86 0.00	36.13 -0.70 0.00	49.20 -1.18 0.00	35.90 -0.88 0.00	29.25 -0.65 0.00	31.14 0.06 0.00	33.31 -0.02 0.00	29.62 0.47 0.00	28.79 0.25 0.00	30.94 0.22 0.00	32.41 -0.43 4.62	31.91 -0.05 0.00	-3.90 -2.99 136.31	35.74 -0.39 0.00	41.07 -1.09 0.00	36.50 -0.55 0.00	41.97 -0.84 0.00	29.59 -1.27 9.66	38.24 -1.11 0.00	38.24 -1.12 0.00
HIGH FALLS___HY 23754	37.50 1.55 0.00	34.97 1.45 -0.17	34.82 1.38 0.00	33.80 1.28 0.00	32.64 1.20 0.00	38.34 1.52 0.00	52.78 2.41 0.00	38.65 1.87 0.00	31.22 1.32 0.00	32.44 1.36 0.00	34.52 1.18 0.00	29.99 0.84 0.00	29.45 0.91 0.00	31.65 0.92 0.00	39.31 1.61 -0.24	33.25 1.29 0.00	149.94 7.57 -6.97	38.30 2.18 0.00	44.64 2.48 0.00	39.25 2.20 0.00	45.30 2.49 0.00	43.10 2.08 -0.49	41.47 2.11 0.00	41.45 2.08 0.00
HIGH_RIVER___SOLAR 323847	37.13 1.19 0.00	34.46 1.10 0.00	34.53 1.09 0.00	33.59 1.06 0.00	32.45 1.01 0.00	38.05 1.23 0.00	52.08 1.70 0.00	37.63 0.85 0.00	30.12 0.22 0.00	31.04 -0.04 0.00	33.20 -0.14 0.00	29.01 -0.15 0.00	28.40 -0.14 0.00	30.59 -0.13 0.00	37.36 -0.10 0.00	32.04 0.07 0.00	136.90 1.51 0.00	36.92 0.79 0.00	43.41 1.25 0.00	38.25 1.20 0.00	44.27 1.46 0.00	41.90 1.37 0.00	40.69 1.34 0.00	40.68 1.31 0.00

HILLBURN___GT 23639	37.24 1.30 0.00	34.75 1.22 -0.17	34.59 1.15 0.00	33.58 1.05 0.00	32.41 0.97 0.00	38.04 1.22 0.00	52.33 1.96 0.00	38.38 1.61 0.00	31.26 1.36 0.00	32.65 1.57 0.00	34.84 1.50 0.00	30.26 1.11 0.00	29.73 1.18 0.00	31.97 1.25 0.00	39.32 1.85 0.00	33.42 1.46 0.00	142.92 7.52 0.00	38.12 1.99 0.00	44.42 2.26 0.00	39.02 1.97 0.00	45.02 2.21 0.00	42.80 1.78 -0.50	41.17 1.82 0.00	41.21 1.85 0.00
HILLSIDE_115KV_TB1 80332	34.41 -1.56 -0.02	27.90 -1.67 3.78	32.08 -1.36 0.00	31.17 -1.36 0.00	30.13 -1.31 0.00	35.55 -1.27 0.00	48.41 -1.96 0.00	35.39 -1.39 0.00	28.90 -1.00 0.00	30.81 -0.26 0.00	32.83 -0.51 0.00	29.20 0.04 0.00	28.37 -0.18 0.00	30.48 -0.24 0.00	31.17 -1.01 5.28	31.46 -0.50 0.00	-25.13 -4.72 155.81	35.32 -0.81 0.00	40.51 -1.65 0.00	36.00 -1.05 0.00	41.42 -1.39 0.00	27.66 -1.83 11.03	37.76 -1.59 0.00	37.79 -1.57 0.00
HISHELDN_WT_PWR 323625	34.29 -1.65 0.00	29.79 -1.82 1.75	31.98 -1.46 0.00	31.07 -1.46 0.00	30.04 -1.40 0.00	35.49 -1.34 0.00	48.21 -2.16 0.00	35.05 -1.73 0.00	28.92 -0.98 0.00	30.66 -0.41 0.00	33.23 -0.11 0.00	29.42 0.26 0.00	28.62 0.07 0.00	30.74 0.02 0.00	34.27 -0.75 2.45	31.40 -0.56 0.00	56.22 -7.00 72.18	34.39 -1.74 0.00	39.63 -2.53 0.00	35.18 -1.87 0.00	40.54 -2.27 0.00	33.00 -2.40 5.12	37.05 -2.30 0.00	37.15 -2.22 0.00
HOLTSVILLE_IC_1 23690	54.45 1.91 -16.60	42.00 1.79 -6.85	41.42 1.80 -6.18	41.35 1.70 -7.12	44.88 1.62 -11.82	45.54 1.86 -6.85	51.89 1.51 0.00	38.05 1.27 0.00	31.39 1.49 0.00	40.53 2.07 -7.38	34.93 1.59 0.00	32.04 1.45 -1.43	29.93 1.39 0.00	34.75 1.57 -2.46	39.33 1.86 0.00	33.53 1.57 0.00	134.79 4.72 5.33	40.41 2.20 -2.07	44.18 2.02 0.00	46.96 1.78 -8.13	44.62 1.81 0.00	42.32 1.48 -0.32	48.25 1.89 -7.00	49.09 2.06 -7.66
HOLTSVILLE_IC_10 23699	54.70 2.06 -16.70	42.19 1.93 -6.91	41.59 1.92 -6.23	41.53 1.83 -7.18	45.10 1.75 -11.91	45.76 2.03 -6.91	52.10 1.73 0.00	38.18 1.40 0.00	31.49 1.60 0.00	40.71 2.19 -7.44	35.04 1.70 0.00	32.14 1.55 -1.44	30.01 1.46 0.00	34.84 1.65 -2.48	39.43 1.96 0.00	33.63 1.67 0.00	135.35 5.25 5.30	40.58 2.36 -2.09	44.37 2.21 0.00	47.19 1.95 -8.20	52.73 2.00 -7.92	47.41 1.66 -5.22	48.47 2.06 -7.06	49.32 2.23 -7.72
HOLTSVILLE_IC_2 23691	54.45 1.91 -16.60	42.00 1.79 -6.85	41.42 1.80 -6.18	41.35 1.70 -7.12	44.88 1.62 -11.82	45.54 1.86 -6.85	51.89 1.51 0.00	38.05 1.27 0.00	31.39 1.49 0.00	40.53 2.07 -7.38	34.93 1.59 0.00	32.04 1.45 -1.43	29.93 1.39 0.00	34.75 1.57 -2.46	39.33 1.86 0.00	33.53 1.57 0.00	134.79 4.72 5.33	40.41 2.20 -2.07	44.18 2.02 0.00	46.96 1.78 -8.13	44.62 1.81 0.00	42.32 1.48 -0.32	48.25 1.89 -7.00	49.09 2.06 -7.66
HOLTSVILLE_IC_3 23692	54.45 1.91 -16.60	42.00 1.79 -6.85	41.42 1.80 -6.18	41.35 1.70 -7.12	44.88 1.62 -11.82	45.54 1.86 -6.85	51.89 1.51 0.00	38.05 1.27 0.00	31.39 1.49 0.00	40.53 2.07 -7.38	34.93 1.59 0.00	32.04 1.45 -1.43	29.93 1.39 0.00	34.75 1.57 -2.46	39.33 1.86 0.00	33.53 1.57 0.00	134.79 4.72 5.33	40.41 2.20 -2.07	44.18 2.02 0.00	46.96 1.78 -8.13	44.62 1.81 0.00	42.32 1.48 -0.32	48.25 1.89 -7.00	49.09 2.06 -7.66
HOLTSVILLE_IC_4 23693	54.45 1.91 -16.60	42.00 1.79 -6.85	41.42 1.80 -6.18	41.35 1.70 -7.12	44.88 1.62 -11.82	45.54 1.86 -6.85	51.89 1.51 0.00	38.05 1.27 0.00	31.39 1.49 0.00	40.53 2.07 -7.38	34.93 1.59 0.00	32.04 1.45 -1.43	29.93 1.39 0.00	34.75 1.57 -2.46	39.33 1.86 0.00	33.53 1.57 0.00	134.79 4.72 5.33	40.41 2.20 -2.07	44.18 2.02 0.00	46.96 1.78 -8.13	44.62 1.81 0.00	42.32 1.48 -0.32	48.25 1.89 -7.00	49.09 2.06 -7.66
HOLTSVILLE_IC_5 23694	54.45 1.91 -16.60	42.00 1.79 -6.85	41.42 1.80 -6.18	41.35 1.70 -7.12	44.88 1.62 -11.82	45.54 1.86 -6.85	51.89 1.51 0.00	38.05 1.27 0.00	31.39 1.49 0.00	40.53 2.07 -7.38	34.93 1.59 0.00	32.04 1.45 -1.43	29.93 1.39 0.00	34.75 1.57 -2.46	39.33 1.86 0.00	33.53 1.57 0.00	134.79 4.72 5.33	40.41 2.20 -2.07	44.18 2.02 0.00	46.96 1.78 -8.13	44.62 1.81 0.00	42.32 1.48 -0.32	48.25 1.89 -7.00	49.09 2.06 -7.66
HOLTSVILLE_IC_6 23695	54.70 2.06 -16.70	42.19 1.93 -6.91	41.59 1.92 -6.23	41.53 1.83 -7.18	45.10 1.75 -11.91	45.76 2.03 -6.91	52.10 1.73 0.00	38.18 1.40 0.00	31.49 1.60 0.00	40.71 2.19 -7.44	35.04 1.70 0.00	32.14 1.55 -1.44	30.01 1.46 0.00	34.84 1.65 -2.48	39.43 1.96 0.00	33.63 1.67 0.00	135.35 5.25 5.30	40.58 2.36 -2.09	44.37 2.21 0.00	47.19 1.95 -8.20	52.73 2.00 -7.92	47.41 1.66 -5.22	48.47 2.06 -7.06	49.32 2.23 -7.72
HOLTSVILLE_IC_7 23696	54.70 2.06 -16.70	42.19 1.93 -6.91	41.59 1.92 -6.23	41.53 1.83 -7.18	45.10 1.75 -11.91	45.76 2.03 -6.91	52.10 1.73 0.00	38.18 1.40 0.00	31.49 1.60 0.00	40.71 2.19 -7.44	35.04 1.70 0.00	32.14 1.55 -1.44	30.01 1.46 0.00	34.84 1.65 -2.48	39.43 1.96 0.00	33.63 1.67 0.00	135.35 5.25 5.30	40.58 2.36 -2.09	44.37 2.21 0.00	47.19 1.95 -8.20	52.73 2.00 -7.92	47.41 1.66 -5.22	48.47 2.06 -7.06	49.32 2.23 -7.72
HOLTSVILLE_IC_8 23697	54.70 2.06 -16.70	42.19 1.93 -6.91	41.59 1.92 -6.23	41.53 1.83 -7.18	45.10 1.75 -11.91	45.76 2.03 -6.91	52.10 1.73 0.00	38.18 1.40 0.00	31.49 1.60 0.00	40.71 2.19 -7.44	35.04 1.70 0.00	32.14 1.55 -1.44	30.01 1.46 0.00	34.84 1.65 -2.48	39.43 1.96 0.00	33.63 1.67 0.00	135.35 5.25 5.30	40.58 2.36 -2.09	44.37 2.21 0.00	47.19 1.95 -8.20	52.73 2.00 -7.92	47.41 1.66 -5.22	48.47 2.06 -7.06	49.32 2.23 -7.72
HOLTSVILLE_IC_9 23698	54.70 2.06 -16.70	42.19 1.93 -6.91	41.59 1.92 -6.23	41.53 1.83 -7.18	45.10 1.75 -11.91	45.76 2.03 -6.91	52.10 1.73 0.00	38.18 1.40 0.00	31.49 1.60 0.00	40.71 2.19 -7.44	35.04 1.70 0.00	32.14 1.55 -1.44	30.01 1.46 0.00	34.84 1.65 -2.48	39.43 1.96 0.00	33.63 1.67 0.00	135.35 5.25 5.30	40.58 2.36 -2.09	44.37 2.21 0.00	47.19 1.95 -8.20	52.73 2.00 -7.92	47.41 1.66 -5.22	48.47 2.06 -7.06	49.32 2.23 -7.72
HOMER_HL_115KV_TB2 355744	34.63 -1.32 0.00	30.16 -1.43 1.76	32.30 -1.14 0.00	31.39 -1.14 0.00	30.31 -1.13 0.00	35.79 -1.04 0.00	48.65 -1.73 0.00	35.51 -1.27 0.00	29.31 -0.59 0.00	31.31 0.23 0.00	33.63 0.29 0.00	29.77 0.61 0.00	29.01 0.47 0.00	31.14 0.42 0.00	34.67 -0.23 2.56	31.87 -0.09 0.00	55.20 -4.93 75.27	34.86 -1.27 0.00	40.22 -1.94 0.00	35.73 -1.32 0.00	41.21 -1.59 0.00	33.30 -1.88 5.34	37.53 -1.82 0.00	37.66 -1.70 0.00
HOWARD_WT_PWR 323690	34.75 -1.20 -0.02	29.71 -1.33 2.31	32.56 -0.87 0.00	31.61 -0.91 0.00	30.65 -0.79 0.00	36.24 -0.59 0.00	49.53 -0.85 0.00	36.03 -0.75 0.00	29.34 -0.55 0.00	31.18 0.10 0.00	33.76 0.42 0.00	29.99 0.84 0.00	29.03 0.48 0.00	31.13 0.40 0.00	34.15 -0.19 3.11	32.04 0.08 0.00	39.51 -4.13 91.75	35.37 -0.75 0.00	40.88 -1.28 0.00	36.43 -0.63 0.00	42.10 -0.71 0.00	32.81 -1.21 6.51	38.21 -1.14 0.00	38.14 -1.23 0.00

HQ_GEN_CEDARS 23644	36.00 0.05 0.00	33.39 0.04 0.00	33.50 0.06 0.00	32.60 0.07 0.00	31.52 0.07 0.00	36.95 0.12 0.00	50.62 0.24 0.00	36.85 0.07 0.00	29.77 -0.13 0.00	30.71 -0.37 0.00	32.94 -0.40 0.00	28.76 -0.39 0.00	28.14 -0.40 0.00	30.30 -0.42 0.00	36.90 -0.57 0.00	31.49 -0.47 0.00	133.10 -2.30 0.00	35.73 -0.40 0.00	41.97 -0.18 0.00	37.04 -0.02 0.00	42.91 0.10 0.00	40.64 0.12 0.00	39.36 0.01 0.00	39.33 -0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	36.00 0.05 0.00	33.39 0.04 0.00	33.50 0.06 0.00	32.60 0.07 0.00	31.52 0.07 0.00	36.95 0.12 0.00	50.62 0.25 0.00	36.85 0.07 0.00	29.77 -0.13 0.00	30.71 -0.37 0.00	27.33 -0.40 5.61	28.77 -0.39 0.00	28.14 -0.40 0.00	30.31 -0.42 0.00	36.90 -0.57 0.00	29.64 -0.47 1.85	133.10 -2.29 0.00	35.73 -0.40 0.00	41.09 -0.18 0.89	34.58 -0.02 2.46	42.91 0.10 0.00	40.64 0.12 0.00	39.37 0.01 0.00	39.33 -0.04 0.00
HQ_GEN_CHPE_PROXY 323851	37.05 1.40 0.29	34.65 1.30 0.00	34.64 1.20 0.00	33.61 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.42 2.04 0.00	38.52 1.74 0.00	31.47 1.57 0.00	38.67 1.85 -5.74	38.76 1.79 -3.64	30.31 1.15 0.00	29.79 1.25 0.00	32.01 1.29 0.01	40.44 2.13 -0.85	-194.42 1.47 227.85	141.04 8.71 3.06	38.14 2.36 0.35	43.31 2.53 1.38	39.20 2.15 0.00	45.16 2.35 0.00	42.46 1.94 0.00	41.32 1.97 0.00	41.32 1.95 0.00
HQ_GEN_IMPORT 323601	36.12 0.18 0.00	33.52 0.16 0.00	33.62 0.18 0.00	32.69 0.16 0.00	31.60 0.16 0.00	37.03 0.20 0.00	50.69 0.31 0.00	37.00 0.22 0.00	30.02 0.12 0.00	36.85 0.03 -5.74	33.36 0.03 0.00	29.18 0.02 0.00	28.56 0.02 0.00	30.73 0.01 0.00	37.46 -0.01 0.00	29.51 -0.01 2.45	135.09 -0.21 0.09	35.79 0.02 0.35	42.27 0.11 0.00	37.19 0.14 0.00	43.00 0.19 0.00	40.73 0.21 0.00	39.50 0.14 0.00	39.49 0.12 0.00
HQ_GEN_WHEEL 23651	36.12 0.18 0.00	33.52 0.16 0.00	33.62 0.18 0.00	32.69 0.16 0.00	31.60 0.16 0.00	37.03 0.20 0.00	50.69 0.31 0.00	37.00 0.22 0.00	30.02 0.12 0.00	36.85 0.03 -5.74	33.36 0.03 0.00	29.18 0.02 0.00	28.56 0.02 0.00	30.73 0.01 0.00	37.46 -0.01 0.00	29.51 -0.01 2.45	135.09 -0.21 0.09	35.79 0.02 0.35	42.27 0.11 0.00	37.19 0.14 0.00	43.00 0.19 0.00	40.73 0.21 0.00	39.50 0.14 0.00	39.49 0.12 0.00
HUDSON AVE_GT_3 23810	37.44 1.49 0.00	34.73 1.37 0.00	34.72 1.29 0.00	33.69 1.16 0.00	32.53 1.08 0.00	38.19 1.36 0.00	52.56 2.18 0.00	38.62 1.84 0.00	31.56 1.67 0.00	33.02 1.94 0.00	35.22 1.88 0.00	30.44 1.29 0.00	29.91 1.37 0.00	32.14 1.42 0.00	39.70 2.24 0.00	33.58 1.62 0.00	144.52 9.13 0.00	38.59 2.46 0.00	44.82 2.66 0.00	39.32 2.27 0.00	45.31 2.51 0.00	42.59 2.07 0.00	41.45 2.09 0.00	41.44 2.07 0.00
HUDSON AVE_GT_4 23540	37.44 1.49 0.00	34.73 1.37 0.00	34.72 1.29 0.00	33.69 1.16 0.00	32.53 1.08 0.00	38.19 1.36 0.00	52.56 2.18 0.00	38.62 1.84 0.00	31.56 1.67 0.00	33.02 1.94 0.00	35.22 1.88 0.00	30.44 1.29 0.00	29.91 1.37 0.00	32.14 1.42 0.00	39.70 2.24 0.00	33.58 1.62 0.00	144.52 9.13 0.00	38.59 2.46 0.00	44.82 2.66 0.00	39.32 2.27 0.00	45.31 2.51 0.00	42.59 2.07 0.00	41.45 2.09 0.00	41.44 2.07 0.00
HUDSON AVE_GT_5 23657	37.44 1.49 0.00	34.73 1.37 0.00	34.72 1.29 0.00	33.69 1.16 0.00	32.53 1.08 0.00	38.19 1.36 0.00	52.56 2.18 0.00	38.62 1.84 0.00	31.56 1.67 0.00	33.02 1.94 0.00	35.22 1.88 0.00	30.44 1.29 0.00	29.91 1.37 0.00	32.14 1.42 0.00	39.70 2.24 0.00	33.58 1.62 0.00	144.52 9.13 0.00	38.59 2.46 0.00	44.82 2.66 0.00	39.32 2.27 0.00	45.31 2.51 0.00	42.59 2.07 0.00	41.45 2.09 0.00	41.44 2.07 0.00
HUDSON_AVE_10 24168	37.24 1.30 0.00	34.55 1.20 0.00	34.54 1.11 0.00	33.52 0.99 0.00	32.36 0.92 0.00	37.99 1.17 0.01	52.31 1.94 0.00	38.43 1.66 0.00	31.40 1.51 0.00	32.84 1.76 0.00	35.05 1.71 0.00	30.26 1.11 0.00	29.75 1.21 0.00	31.95 1.24 0.01	39.52 2.06 0.00	33.42 1.46 0.00	143.98 8.58 0.00	38.39 2.26 0.00	44.61 2.45 0.00	39.14 2.09 0.00	45.12 2.31 0.00	42.40 1.88 0.00	41.28 1.92 0.00	41.24 1.87 0.00
HUDSON___115KV_TB 4 355613	37.21 1.26 0.00	34.57 1.22 0.00	34.60 1.16 0.00	33.67 1.14 0.00	32.56 1.12 0.00	38.13 1.30 0.00	52.05 1.68 0.00	38.01 1.24 0.00	30.75 0.86 0.00	31.86 0.78 0.00	34.05 0.72 0.00	29.73 0.58 0.00	29.09 0.55 0.00	31.30 0.58 0.00	38.21 0.75 0.00	32.69 0.72 0.00	139.08 3.68 0.00	37.20 1.07 0.00	43.70 1.54 0.00	38.38 1.32 0.00	44.31 1.50 0.00	41.95 1.42 0.00	40.77 1.42 0.00	40.76 1.40 0.00
HUNTER MOUNT___DRP 323613	37.40 1.45 0.00	34.74 1.38 0.00	34.77 1.33 0.00	33.83 1.30 0.00	32.72 1.28 0.00	38.33 1.50 0.00	52.37 2.00 0.00	38.28 1.50 0.00	30.94 1.04 0.00	31.98 0.90 0.00	34.19 0.85 0.00	29.83 0.67 0.00	29.19 0.64 0.00	31.41 0.68 0.00	38.33 0.86 0.00	32.84 0.88 0.00	139.76 4.36 0.00	37.43 1.30 0.00	43.96 1.81 0.00	38.59 1.54 0.00	44.57 1.77 0.00	42.19 1.67 0.00	41.00 1.64 0.00	40.97 1.61 0.00
HUNTINGTON_RES_REC 323705	54.40 1.66 -16.79	41.92 1.61 -6.96	41.28 1.57 -6.27	41.21 1.46 -7.23	44.77 1.33 -11.99	45.23 1.45 -6.96	51.46 1.09 0.00	37.87 1.09 0.00	31.27 1.37 0.00	40.45 1.87 -7.49	34.72 1.39 0.00	31.86 1.25 -1.45	29.78 1.24 0.00	34.60 1.39 -2.49	39.11 1.65 0.00	33.39 1.43 0.00	134.54 4.42 5.27	40.21 1.98 -2.11	43.93 1.77 0.00	46.90 1.60 -8.25	44.50 1.69 0.00	42.17 1.33 -0.32	48.18 1.72 -7.11	49.01 1.86 -7.78
HUNTLEY___63 23557	34.38 -1.57 0.00	30.22 -1.74 1.40	31.95 -1.49 0.00	30.98 -1.55 0.00	29.91 -1.53 0.00	35.35 -1.48 0.00	47.97 -2.40 0.00	34.89 -1.89 0.00	29.04 -0.86 0.00	30.64 -0.44 0.00	33.32 -0.02 0.00	29.41 0.25 0.00	28.73 0.19 0.00	30.82 0.09 0.00	34.72 -0.77 1.97	31.31 -0.65 0.00	69.25 -8.08 58.07	33.95 -2.18 0.00	39.12 -3.04 0.00	34.68 -2.37 0.00	39.99 -2.82 0.00	33.70 -2.70 4.12	36.72 -2.63 0.00	36.94 -2.42 0.00
HUNTLEY___64 23558	34.38 -1.57 0.00	30.22 -1.74 1.40	31.95 -1.49 0.00	30.98 -1.55 0.00	29.91 -1.53 0.00	35.35 -1.48 0.00	47.97 -2.40 0.00	34.89 -1.89 0.00	29.04 -0.86 0.00	30.64 -0.44 0.00	33.32 -0.02 0.00	29.41 0.25 0.00	28.73 0.19 0.00	30.82 0.09 0.00	34.72 -0.77 1.97	31.31 -0.65 0.00	69.25 -8.08 58.07	33.95 -2.18 0.00	39.12 -3.04 0.00	34.68 -2.37 0.00	39.99 -2.82 0.00	33.70 -2.70 4.12	36.72 -2.63 0.00	36.94 -2.42 0.00
HUNTLEY___65 23559	34.38 -1.57 0.00	30.22 -1.74 1.40	31.95 -1.49 0.00	30.98 -1.55 0.00	29.91 -1.53 0.00	35.35 -1.48 0.00	47.97 -2.40 0.00	34.89 -1.89 0.00	29.04 -0.86 0.00	30.64 -0.44 0.00	33.32 -0.02 0.00	29.41 0.25 0.00	28.73 0.19 0.00	30.82 0.09 0.00	34.72 -0.77 1.97	31.31 -0.65 0.00	69.25 -8.08 58.07	33.95 -2.18 0.00	39.12 -3.04 0.00	34.68 -2.37 0.00	39.99 -2.82 0.00	33.70 -2.70 4.12	36.72 -2.63 0.00	36.94 -2.42 0.00

HUNTLEY___66 23560	34.38 -1.57 0.00	30.22 -1.74 1.40	31.95 -1.49 0.00	30.98 -1.55 0.00	29.91 -1.53 0.00	35.35 -1.48 0.00	47.97 -2.40 0.00	34.89 -1.89 0.00	29.04 -0.86 0.00	30.64 -0.44 0.00	33.32 -0.02 0.00	29.41 0.25 0.00	28.73 0.19 0.00	30.82 0.09 0.00	34.72 -0.77 1.97	31.31 -0.65 0.00	69.25 -8.08 58.07	33.95 -2.18 0.00	39.12 -3.04 0.00	34.68 -2.37 0.00	39.99 -2.82 0.00	33.70 -2.70 4.12	36.72 -2.63 0.00	36.94 -2.42 0.00
HUNTLEY___67 23561	34.10 -1.85 0.00	29.92 -1.98 1.46	31.76 -1.68 0.00	30.79 -1.74 0.00	29.73 -1.71 0.00	35.12 -1.71 0.00	47.68 -2.70 0.00	34.71 -2.07 0.00	28.89 -1.01 0.00	30.52 -0.56 0.00	33.10 -0.24 0.00	29.22 0.07 0.00	28.53 -0.02 0.00	30.59 -0.13 0.00	34.38 -1.04 2.05	31.11 -0.85 0.00	66.24 -8.67 60.49	33.86 -2.27 0.00	39.04 -3.12 0.00	34.58 -2.47 0.00	39.87 -2.94 0.00	33.39 -2.85 4.29	36.59 -2.77 0.00	36.74 -2.63 0.00
HUNTLEY___68 23562	34.10 -1.85 0.00	29.92 -1.98 1.46	31.76 -1.68 0.00	30.79 -1.74 0.00	29.73 -1.71 0.00	35.12 -1.71 0.00	47.68 -2.70 0.00	34.71 -2.07 0.00	28.89 -1.01 0.00	30.52 -0.56 0.00	33.10 -0.24 0.00	29.22 0.07 0.00	28.53 -0.02 0.00	30.59 -0.13 0.00	34.38 -1.04 2.05	31.11 -0.85 0.00	66.24 -8.67 60.49	33.86 -2.27 0.00	39.04 -3.12 0.00	34.58 -2.47 0.00	39.87 -2.94 0.00	33.39 -2.85 4.29	36.59 -2.77 0.00	36.74 -2.63 0.00
HYLAND___LFGE 323620	36.60 0.66 0.00	32.06 0.35 1.65	34.06 0.62 0.00	33.08 0.55 0.00	32.05 0.61 0.00	37.96 1.13 0.00	51.89 1.52 0.00	37.36 0.58 0.00	29.84 -0.06 0.00	31.53 0.45 0.00	34.34 1.00 0.00	30.60 1.44 0.00	29.49 0.95 0.00	31.84 1.12 0.00	36.10 0.91 2.27	32.85 0.89 0.00	69.53 1.04 66.91	36.73 0.60 0.00	42.56 0.40 0.00	38.05 1.00 0.00	44.07 1.26 0.00	36.70 0.92 4.75	40.11 0.76 0.00	40.00 0.63 0.00
INDECK___CORINTH 23802	37.87 1.93 0.00	35.01 1.66 0.00	35.12 1.68 0.00	34.31 1.78 0.00	33.19 1.75 0.00	39.01 2.18 0.00	53.43 3.06 0.00	38.88 2.10 0.00	31.38 1.48 0.00	32.42 1.34 0.00	34.58 1.24 0.00	30.29 1.13 0.00	29.54 1.00 0.00	31.80 1.08 0.00	38.77 1.30 0.00	32.98 1.02 0.00	140.31 4.92 0.00	37.42 1.29 0.00	43.30 1.14 0.00	37.75 0.70 0.00	43.63 0.82 0.00	41.58 1.06 0.00	40.47 1.12 0.00	40.49 1.12 0.00
INDECK___ILION 23567	36.61 0.67 0.00	34.02 0.66 0.00	34.05 0.60 0.00	33.19 0.66 0.00	32.08 0.64 0.00	37.54 0.72 0.00	51.20 0.83 0.00	36.75 -0.03 0.00	29.31 -0.58 0.00	30.13 -0.95 0.00	32.14 -1.20 0.00	28.01 -1.15 0.00	27.39 -1.15 0.00	29.37 -1.35 0.00	36.08 -1.38 0.00	30.91 -1.05 0.00	134.04 -1.36 0.00	36.65 0.52 0.00	43.11 0.95 0.00	37.96 0.91 0.00	43.80 1.00 0.00	41.47 0.95 0.00	40.45 1.09 0.00	40.38 1.01 0.00
INDECK___OLEAN 23982	34.63 -1.32 0.00	30.15 -1.44 1.76	32.30 -1.14 0.00	31.38 -1.14 0.00	30.31 -1.13 0.00	35.79 -1.04 0.00	48.65 -1.73 0.00	35.50 -1.28 0.00	29.31 -0.59 0.00	31.31 0.23 0.00	33.63 0.29 0.00	29.77 0.62 0.00	29.00 0.45 0.00	31.14 0.41 0.00	34.67 -0.23 2.56	31.86 -0.10 0.00	55.28 -4.85 75.27	34.85 -1.27 0.00	40.22 -1.93 0.00	35.73 -1.32 0.00	41.21 -1.59 0.00	33.29 -1.90 5.34	37.53 -1.83 0.00	37.68 -1.68 0.00
INDECK___OSWEGO 23783	34.97 -1.16 -0.19	32.25 -1.11 0.00	32.35 -1.09 0.00	31.48 -1.04 0.00	30.44 -1.00 0.00	35.64 -1.19 0.00	48.75 -1.63 0.00	35.56 -1.22 0.00	28.89 -1.01 0.00	30.07 -1.01 0.00	32.35 -0.98 0.00	28.34 -0.81 0.00	27.76 -0.78 0.00	29.90 -0.82 0.00	36.42 -1.04 0.00	31.09 -0.88 0.00	131.33 -4.07 0.00	35.06 -1.07 0.00	40.85 -1.31 0.00	35.94 -1.11 0.00	41.53 -1.28 0.00	39.27 -1.26 0.00	38.13 -1.23 0.00	38.13 -1.23 0.00
INDECK___YERKES 23781	34.42 -1.53 0.00	30.25 -1.71 1.40	31.99 -1.45 0.00	31.01 -1.52 0.00	29.94 -1.50 0.00	35.39 -1.44 0.00	48.02 -2.35 0.00	34.92 -1.86 0.00	29.07 -0.83 0.00	30.66 -0.41 0.00	33.34 0.01 0.00	29.44 0.29 0.00	28.74 0.20 0.00	30.85 0.13 0.00	34.76 -0.73 1.97	31.33 -0.63 0.00	69.48 -7.85 58.07	33.98 -2.15 0.00	39.16 -3.00 0.00	34.72 -2.34 0.00	40.04 -2.77 0.00	33.72 -2.68 4.12	36.76 -2.60 0.00	37.00 -2.36 0.00
INDIAN POINT_GT_1 24139	37.21 1.26 0.00	34.54 1.19 0.00	34.55 1.11 0.00	33.54 1.01 0.00	32.36 0.92 0.00	37.99 1.17 0.00	52.22 1.85 0.00	38.31 1.53 0.00	31.23 1.33 0.00	32.62 1.55 0.00	34.79 1.46 0.00	30.20 1.04 0.00	29.66 1.12 0.00	31.89 1.17 0.00	39.23 1.76 0.00	33.33 1.36 0.00	142.82 7.43 0.00	38.14 2.01 0.00	44.35 2.19 0.00	38.95 1.90 0.00	44.91 2.10 0.00	42.23 1.71 0.00	41.12 1.77 0.00	41.16 1.79 0.00
INDIAN POINT_GT_2 23659	37.21 1.26 0.00	34.54 1.19 0.00	34.55 1.11 0.00	33.54 1.01 0.00	32.36 0.92 0.00	37.99 1.17 0.00	52.22 1.85 0.00	38.31 1.53 0.00	31.23 1.33 0.00	32.62 1.55 0.00	34.79 1.46 0.00	30.20 1.04 0.00	29.66 1.12 0.00	31.89 1.17 0.00	39.23 1.76 0.00	33.33 1.36 0.00	142.82 7.43 0.00	38.14 2.01 0.00	44.35 2.19 0.00	38.95 1.90 0.00	44.91 2.10 0.00	42.23 1.71 0.00	41.12 1.77 0.00	41.16 1.79 0.00
INDIAN POINT_GT_3 24019	37.21 1.26 0.00	34.54 1.19 0.00	34.55 1.11 0.00	33.54 1.01 0.00	32.36 0.92 0.00	37.99 1.17 0.00	52.22 1.85 0.00	38.31 1.53 0.00	31.23 1.33 0.00	32.62 1.55 0.00	34.79 1.46 0.00	30.20 1.04 0.00	29.66 1.12 0.00	31.89 1.17 0.00	39.23 1.76 0.00	33.33 1.36 0.00	142.82 7.43 0.00	38.14 2.01 0.00	44.35 2.19 0.00	38.95 1.90 0.00	44.91 2.10 0.00	42.23 1.71 0.00	41.12 1.77 0.00	41.16 1.79 0.00
INDIAN POINT___2 23530	37.19 1.24 0.00	34.53 1.18 0.00	34.54 1.10 0.00	33.53 1.00 0.00	32.36 0.92 0.00	37.98 1.15 0.00	52.22 1.85 0.00	38.30 1.52 0.00	31.21 1.31 0.00	32.60 1.52 0.00	34.78 1.45 0.00	30.19 1.04 0.00	29.66 1.12 0.00	31.89 1.17 0.00	39.23 1.77 0.00	33.32 1.36 0.00	142.72 7.32 0.00	38.11 1.98 0.00	44.33 2.17 0.00	38.94 1.89 0.00	44.90 2.09 0.00	42.21 1.69 0.00	41.11 1.76 0.00	41.14 1.77 0.00
INDIAN POINT___3 23531	37.20 1.26 0.00	34.54 1.19 0.00	34.55 1.11 0.00	33.53 1.00 0.00	32.36 0.92 0.00	37.98 1.15 0.00	52.20 1.82 0.00	38.30 1.52 0.00	31.21 1.31 0.00	32.60 1.52 0.00	34.78 1.45 0.00	30.20 1.04 0.00	29.66 1.12 0.00	31.89 1.17 0.00	39.23 1.76 0.00	33.33 1.36 0.00	142.72 7.32 0.00	38.10 1.97 0.00	44.33 2.18 0.00	38.92 1.87 0.00	44.89 2.08 0.00	42.21 1.69 0.00	41.11 1.75 0.00	41.15 1.78 0.00
INDIANHD_69_KV_BK1 55831	54.79 2.16 -16.68	42.25 2.01 -6.89	41.66 2.00 -6.22	41.59 1.90 -7.16	45.15 1.82 -11.89	45.85 2.13 -6.89	52.25 1.88 0.00	38.29 1.51 0.00	31.57 1.67 0.00	40.77 2.27 -7.43	35.11 1.77 0.00	32.19 1.60 -1.44	30.06 1.51 0.00	34.90 1.71 -2.47	39.49 2.03 0.00	33.69 1.73 0.00	135.73 5.64 5.31	40.69 2.47 -2.09	44.53 2.37 0.00	47.33 2.10 -8.18	49.85 2.17 -4.87	45.72 1.87 -3.33	48.68 2.28 -7.04	49.53 2.46 -7.71

INGHAM_C_115KV_TB7 356103	36.61 0.67 0.00	34.02 0.66 0.00	34.05 0.60 0.00	33.19 0.66 0.00	32.08 0.64 0.00	37.54 0.72 0.00	51.20 0.83 0.00	36.75 -0.03 0.00	29.31 -0.58 0.00	30.13 -0.95 0.00	32.14 -1.20 0.00	28.01 -1.15 0.00	27.39 -1.15 0.00	29.37 -1.35 0.00	36.08 -1.38 0.00	30.91 -1.05 0.00	134.04 -1.36 0.00	36.65 0.52 0.00	43.11 0.95 0.00	37.96 0.91 0.00	43.80 1.00 0.00	41.47 0.95 0.00	40.45 1.09 0.00	40.38 1.01 0.00
IP CORINTH___1 23988	37.87 1.93 0.00	35.01 1.66 0.00	35.12 1.68 0.00	34.31 1.78 0.00	33.19 1.75 0.00	39.01 2.18 0.00	53.43 3.06 0.00	38.88 2.10 0.00	31.38 1.49 0.00	32.42 1.34 0.00	34.58 1.24 0.00	30.29 1.13 0.00	29.54 1.00 0.00	31.80 1.08 0.00	38.77 1.30 0.00	32.98 1.02 0.00	140.56 5.17 0.00	37.51 1.38 0.00	43.50 1.34 0.00	37.95 0.90 0.00	43.88 1.07 0.00	41.81 1.29 0.00	40.68 1.32 0.00	40.70 1.33 0.00
IP___TICONDEROGA 23804	38.77 2.82 0.00	35.66 2.31 0.00	35.73 2.29 0.00	35.26 2.73 0.00	34.13 2.69 0.00	40.35 3.52 0.00	55.58 5.20 0.00	40.21 3.43 0.00	32.33 2.43 0.00	33.18 2.10 0.00	34.83 1.50 0.00	30.65 1.49 0.00	29.78 1.24 0.00	32.05 1.32 0.00	39.26 1.79 0.00	33.75 1.79 0.00	144.91 9.52 0.00	38.87 2.74 0.00	45.28 3.12 0.00	39.46 2.40 0.00	45.86 3.06 0.00	43.56 3.04 0.00	42.33 2.97 0.00	42.20 2.83 0.00
ISLIP_RES_REC 323679	54.89 2.17 -16.78	42.31 2.01 -6.95	41.71 2.00 -6.26	41.65 1.90 -7.22	45.24 1.82 -11.98	45.91 2.14 -6.94	52.27 1.90 0.00	38.30 1.52 0.00	31.57 1.67 0.00	40.83 2.27 -7.48	35.11 1.77 0.00	32.21 1.61 -1.45	30.06 1.52 0.00	34.91 1.70 -2.49	39.49 2.03 0.00	33.69 1.73 0.00	135.54 5.42 5.28	40.68 2.45 -2.10	44.49 2.33 0.00	47.36 2.07 -8.24	51.53 2.14 -6.58	46.71 1.80 -4.39	48.64 2.19 -7.10	49.48 2.34 -7.77
JAMAICA__27_KV_LOAD 355505	37.40 1.46 0.00	34.70 1.35 0.00	34.70 1.26 0.00	33.66 1.13 0.00	32.50 1.06 0.00	38.17 1.35 0.01	52.61 2.23 0.00	38.60 1.82 0.00	31.55 1.65 0.00	32.98 1.91 0.00	35.19 1.85 0.00	30.39 1.23 0.00	29.86 1.32 0.00	32.05 1.34 0.01	39.70 2.24 0.00	33.59 1.63 0.00	144.68 9.28 0.00	38.52 2.39 0.00	44.82 2.66 0.00	39.35 2.30 0.00	45.37 2.57 0.00	42.66 2.14 0.00	41.53 2.18 0.00	41.45 2.09 0.00
JANIS___SOLAR 323808	37.09 1.11 -0.03	34.37 1.02 0.00	34.52 1.08 0.00	33.59 1.06 0.00	32.57 1.13 0.00	38.37 1.54 0.00	52.78 2.40 0.00	38.13 1.35 0.00	30.37 0.47 0.00	31.36 0.28 0.00	33.58 0.24 0.00	29.47 0.32 0.00	28.85 0.31 0.00	31.17 0.45 0.00	37.98 0.52 0.00	32.75 0.78 0.00	139.32 3.93 0.00	37.61 1.49 0.00	44.08 1.92 0.00	38.94 1.88 0.00	44.95 2.14 0.00	42.30 1.77 0.00	41.02 1.66 0.00	40.92 1.56 0.00
JARVIS____ 23743	35.98 0.03 0.00	33.39 0.03 0.00	33.47 0.03 0.00	32.56 0.03 0.00	31.46 0.02 0.00	36.84 0.01 0.00	50.38 0.00 0.00	36.78 0.00 0.00	29.91 0.01 0.00	31.10 0.02 0.00	33.34 0.00 0.00	29.16 0.00 0.00	28.54 0.00 0.00	30.72 0.00 0.00	37.48 0.02 0.00	31.97 0.01 0.00	135.66 0.26 0.00	36.20 0.07 0.00	42.24 0.09 0.00	37.10 0.05 0.00	42.86 0.04 0.00	40.56 0.04 0.00	39.42 0.07 0.00	39.44 0.08 0.00
JENNISON___1 23625	37.04 1.08 -0.02	35.01 1.02 -0.63	34.49 1.05 0.00	33.52 0.99 0.00	32.44 1.00 0.00	38.24 1.41 0.00	52.78 2.41 0.00	38.35 1.57 0.00	30.88 0.98 0.00	32.17 1.09 0.00	34.38 1.04 0.00	30.12 0.96 0.00	29.43 0.89 0.00	31.77 1.05 0.00	39.93 1.39 -1.09	33.43 1.47 0.00	174.81 7.29 -32.12	38.52 2.39 0.00	44.99 2.83 0.00	39.30 2.25 0.00	45.10 2.29 0.00	44.34 1.94 -1.87	41.26 1.90 0.00	41.18 1.82 0.00
JENNISON___2 23626	37.04 1.08 -0.02	35.01 1.02 -0.63	34.49 1.05 0.00	33.52 0.99 0.00	32.44 1.00 0.00	38.24 1.41 0.00	52.78 2.41 0.00	38.35 1.57 0.00	30.88 0.98 0.00	32.17 1.09 0.00	34.38 1.04 0.00	30.12 0.96 0.00	29.43 0.89 0.00	31.77 1.05 0.00	39.93 1.39 -1.09	33.43 1.47 0.00	174.81 7.29 -32.12	38.52 2.39 0.00	44.99 2.83 0.00	39.30 2.25 0.00	45.10 2.29 0.00	44.34 1.94 -1.87	41.26 1.90 0.00	41.18 1.82 0.00
JERICHO_RISE_WT_PWR 323719	36.04 0.09 0.00	33.49 0.13 0.00	33.64 0.20 0.00	32.75 0.22 0.00	31.64 0.20 0.00	37.05 0.22 0.00	50.72 0.35 0.00	37.02 0.24 0.00	29.90 0.01 0.00	30.80 -0.28 0.00	33.02 -0.32 0.00	28.86 -0.29 0.00	28.22 -0.33 0.00	30.32 -0.40 0.00	36.99 -0.47 0.00	31.65 -0.31 0.00	133.90 -1.49 0.00	35.96 -0.17 0.00	42.17 0.01 0.00	37.20 0.15 0.00	43.09 0.28 0.00	40.85 0.33 0.00	39.52 0.17 0.00	39.45 0.09 0.00
KATONAH__115KV_46KV_TB4 355592	37.36 1.42 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.65 1.12 0.00	32.48 1.04 0.00	38.13 1.30 0.00	52.44 2.06 0.00	38.47 1.69 0.00	31.37 1.47 0.00	32.75 1.67 0.00	34.94 1.60 0.00	30.33 1.17 0.00	29.76 1.22 0.00	32.00 1.28 0.00	39.34 1.87 0.00	33.45 1.49 0.00	143.24 7.85 0.00	38.26 2.13 0.00	44.52 2.36 0.00	39.07 2.02 0.00	45.05 2.24 0.00	42.39 1.87 0.00	41.28 1.93 0.00	41.27 1.91 0.00
KCE_NY_1 323755	37.57 1.63 0.00	34.86 1.50 0.00	34.88 1.44 0.00	34.02 1.49 0.00	32.87 1.43 0.00	38.58 1.75 0.00	52.74 2.37 0.00	38.40 1.62 0.00	31.10 1.21 0.00	32.19 1.11 0.00	34.42 1.08 0.00	30.09 0.93 0.00	29.43 0.89 0.00	31.68 0.96 0.00	38.63 1.16 0.00	32.91 0.95 0.00	140.46 5.07 0.00	37.56 1.42 0.00	43.81 1.64 0.00	38.34 1.29 0.00	44.33 1.52 0.00	42.10 1.58 0.00	40.92 1.56 0.00	40.96 1.59 0.00
KCE_NY_6_ESR 323823	34.47 -1.47 0.00	30.16 -1.65 1.54	32.12 -1.32 0.00	31.17 -1.36 0.00	30.08 -1.36 0.00	35.59 -1.24 0.00	48.34 -2.03 0.00	35.22 -1.56 0.00	29.26 -0.64 0.00	30.93 -0.15 0.00	33.50 0.17 0.00	29.61 0.46 0.00	28.86 0.32 0.00	30.95 0.23 0.00	34.72 -0.58 2.17	31.50 -0.46 0.00	64.25 -7.06 64.09	34.35 -1.78 0.00	39.58 -2.57 0.00	35.11 -1.95 0.00	40.42 -2.39 0.00	33.60 -2.38 4.54	37.03 -2.32 0.00	37.17 -2.19 0.00
KEDC PORT_JEFF_GT2 24210	54.62 2.02 -16.66	42.13 1.89 -6.88	41.54 1.89 -6.21	41.47 1.79 -7.15	45.03 1.72 -11.87	45.70 1.99 -6.88	52.04 1.66 0.00	38.14 1.36 0.00	31.45 1.56 0.00	40.65 2.15 -7.42	35.01 1.67 0.00	32.11 1.52 -1.44	29.98 1.44 0.00	34.82 1.63 -2.47	39.39 1.93 0.00	33.60 1.63 0.00	135.20 5.11 5.31	40.54 2.32 -2.08	44.33 2.17 0.00	47.12 1.90 -8.17	47.48 1.95 -2.73	44.15 1.62 -2.01	48.41 2.02 -7.03	49.27 2.20 -7.70
KEDC PORT_JEFF_GT3 24211	54.62 2.02 -16.66	42.13 1.89 -6.88	41.54 1.89 -6.21	41.47 1.79 -7.15	45.03 1.72 -11.87	45.70 1.99 -6.88	52.04 1.66 0.00	38.14 1.36 0.00	31.45 1.56 0.00	40.65 2.15 -7.42	35.01 1.67 0.00	32.11 1.52 -1.44	29.98 1.44 0.00	34.82 1.63 -2.47	39.39 1.93 0.00	33.60 1.63 0.00	135.20 5.11 5.31	40.54 2.32 -2.08	44.33 2.17 0.00	47.12 1.90 -8.17	47.48 1.95 -2.73	44.15 1.62 -2.01	48.41 2.02 -7.03	49.27 2.20 -7.70

KEDC_GLWD_GT4 24219	64.37 1.91 -26.52	46.17 1.80 -11.01	45.11 1.73 -9.93	45.58 1.61 -11.44	51.94 1.50 -18.99	49.64 1.79 -11.01	52.61 2.23 0.00	38.65 1.87 0.00	31.69 1.79 0.00	45.10 2.15 -11.87	35.25 1.92 0.00	33.03 1.57 -2.30	30.16 1.62 0.00	36.42 1.75 -3.95	39.76 2.29 0.00	33.84 1.88 0.00	140.62 8.01 2.79	42.04 2.57 -3.33	44.75 2.59 0.00	52.37 2.25 -13.07	45.28 2.47 0.00	43.22 2.19 -0.51	52.92 2.31 -11.26	54.01 2.33 -12.32
KEDC_GLWD_GT5 24220	64.37 1.91 -26.52	46.17 1.80 -11.01	45.11 1.73 -9.93	45.58 1.61 -11.44	51.94 1.50 -18.99	49.64 1.79 -11.01	52.61 2.23 0.00	38.65 1.87 0.00	31.69 1.79 0.00	45.10 2.15 -11.87	35.25 1.92 0.00	33.03 1.57 -2.30	30.16 1.62 0.00	36.42 1.75 -3.95	39.76 2.29 0.00	33.84 1.88 0.00	140.62 8.01 2.79	42.04 2.57 -3.33	44.75 2.59 0.00	52.37 2.25 -13.07	45.28 2.47 0.00	43.22 2.19 -0.51	52.92 2.31 -11.26	54.01 2.33 -12.32
KENSICO____ 23655	37.30 1.36 0.00	34.62 1.27 0.00	34.63 1.19 0.00	33.60 1.07 0.00	32.44 1.00 0.00	38.07 1.24 0.00	52.32 1.94 0.00	38.40 1.62 0.00	31.33 1.43 0.00	32.73 1.65 0.00	34.92 1.58 0.00	30.28 1.13 0.00	29.75 1.21 0.00	31.98 1.26 0.00	39.36 1.90 0.00	33.42 1.46 0.00	143.23 7.83 0.00	38.25 2.12 0.00	44.48 2.32 0.00	39.04 1.99 0.00	45.01 2.21 0.00	42.34 1.81 0.00	41.23 1.87 0.00	41.24 1.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.53 1.59 0.00	35.01 1.48 -0.18	34.85 1.41 0.00	33.83 1.30 0.00	32.68 1.24 0.00	38.40 1.57 0.00	52.82 2.44 0.00	38.64 1.87 0.00	31.15 1.25 0.00	32.36 1.28 0.00	34.44 1.10 0.00	29.92 0.77 0.00	29.37 0.83 0.00	31.58 0.85 0.00	39.28 1.56 -0.26	33.22 1.26 0.00	150.48 7.46 -7.62	38.29 2.15 0.00	44.63 2.47 0.00	39.24 2.18 0.00	45.28 2.47 0.00	43.13 2.07 -0.54	41.45 2.10 0.00	41.44 2.07 0.00
KIAC_JFK_GT1 23816	37.19 1.25 0.00	34.51 1.17 0.00	34.50 1.07 0.00	33.48 0.95 0.00	32.29 0.86 0.00	37.81 0.99 0.01	52.11 1.73 0.00	38.23 1.46 0.00	31.25 1.35 0.00	32.67 1.60 0.00	34.87 1.53 0.00	30.10 0.95 0.00	29.59 1.04 0.00	31.76 1.04 0.01	39.36 1.90 0.00	33.29 1.32 0.00	143.35 7.95 0.00	38.19 2.06 0.00	44.42 2.26 0.00	38.99 1.93 0.00	44.95 2.14 0.00	42.26 1.74 0.00	41.26 1.91 0.00	41.22 1.86 0.00
KIAC_JFK_GT2 23817	37.19 1.25 0.00	34.51 1.17 0.00	34.50 1.07 0.00	33.48 0.95 0.00	32.29 0.86 0.00	37.81 0.99 0.01	52.11 1.73 0.00	38.23 1.46 0.00	31.25 1.35 0.00	32.67 1.60 0.00	34.87 1.53 0.00	30.10 0.95 0.00	29.59 1.04 0.00	31.76 1.04 0.01	39.36 1.90 0.00	33.29 1.32 0.00	143.35 7.95 0.00	38.19 2.06 0.00	44.42 2.26 0.00	38.99 1.93 0.00	44.95 2.14 0.00	42.26 1.74 0.00	41.26 1.91 0.00	41.22 1.86 0.00
KIAC_JFK____ 323774	37.19 1.25 0.00	34.52 1.17 0.00	34.50 1.07 0.00	33.48 0.95 0.00	32.29 0.85 0.00	37.81 0.99 0.01	52.11 1.73 0.00	38.24 1.46 0.00	31.25 1.36 0.00	32.67 1.59 0.00	34.87 1.53 0.00	30.10 0.95 0.00	29.59 1.05 0.00	31.76 1.04 0.01	39.35 1.89 0.00	33.29 1.33 0.00	143.35 7.95 0.00	38.19 2.06 0.00	44.42 2.26 0.00	38.99 1.93 0.00	44.95 2.14 0.00	42.26 1.74 0.00	41.27 1.91 0.00	41.22 1.85 0.00
KINTIGH_24_KV_GSU 356498	34.27 -1.67 0.00	30.37 -1.81 1.18	31.88 -1.56 0.00	30.92 -1.61 0.00	29.85 -1.59 0.00	35.21 -1.62 0.00	47.86 -2.52 0.00	34.83 -1.94 0.00	28.91 -0.99 0.00	30.46 -0.61 0.00	33.03 -0.30 0.00	29.11 -0.04 0.00	28.42 -0.12 0.00	30.53 -0.19 0.00	34.82 -0.99 1.65	31.14 -0.82 0.00	78.41 -7.88 49.11	34.03 -2.10 0.00	39.33 -2.83 0.00	34.79 -2.27 0.00	40.13 -2.68 0.00	34.45 -2.59 3.48	36.83 -2.52 0.00	36.99 -2.38 0.00
KINTIGH____ 23543	34.25 -1.70 0.00	30.37 -1.81 1.18	31.86 -1.58 0.00	30.89 -1.64 0.00	29.83 -1.61 0.00	35.19 -1.64 0.00	47.82 -2.55 0.00	34.81 -1.97 0.00	28.89 -1.00 0.00	30.45 -0.63 0.00	33.02 -0.32 0.00	29.09 -0.06 0.00	28.42 -0.12 0.00	30.51 -0.21 0.00	34.80 -1.01 1.65	31.13 -0.83 0.00	78.30 -7.99 49.11	34.01 -2.12 0.00	39.30 -2.86 0.00	34.77 -2.29 0.00	40.10 -2.71 0.00	34.43 -2.61 3.48	36.81 -2.55 0.00	36.96 -2.41 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.45 0.51 0.00	33.85 0.50 0.00	34.02 0.58 0.00	33.13 0.60 0.00	32.03 0.59 0.00	37.57 0.74 0.00	51.39 1.02 0.00	37.49 0.71 0.00	30.27 0.37 0.00	31.13 0.05 0.00	33.25 -0.09 0.00	29.09 -0.07 0.00	28.39 -0.15 0.00	30.56 -0.16 0.00	37.31 -0.16 0.00	31.93 -0.03 0.00	135.34 -0.06 0.00	36.37 0.24 0.00	42.61 0.45 0.00	37.65 0.60 0.00	43.65 0.84 0.00	41.40 0.87 0.00	40.06 0.70 0.00	39.95 0.58 0.00
LACHUTE____HYDRO 323717	38.77 2.82 0.00	35.67 2.31 0.00	35.72 2.29 0.00	35.26 2.73 0.00	34.13 2.69 0.00	40.35 3.52 0.00	55.58 5.20 0.00	40.21 3.43 0.00	32.33 2.43 0.00	33.18 2.10 0.00	34.83 1.50 0.00	30.65 1.49 0.00	29.78 1.24 0.00	32.05 1.32 0.00	39.26 1.79 0.00	33.75 1.79 0.00	144.92 9.52 0.00	38.87 2.74 0.00	45.28 3.12 0.00	39.46 2.40 0.00	45.86 3.06 0.00	43.56 3.04 0.00	42.32 2.97 0.00	42.19 2.83 0.00
LAWRNCV_115KV_TB1 80681	35.33 -0.63 -0.01	32.73 -0.63 0.00	32.82 -0.62 0.00	31.98 -0.55 0.00	30.93 -0.51 0.00	36.26 -0.57 0.00	49.67 -0.70 0.00	36.08 -0.70 0.00	29.02 -0.88 0.00	29.88 -1.20 0.00	32.07 -1.27 0.00	27.98 -1.18 0.00	27.38 -1.16 0.00	29.49 -1.23 0.00	35.93 -1.53 0.00	30.65 -1.32 0.00	129.85 -5.55 0.00	34.95 -1.19 0.00	41.17 -0.99 0.00	36.38 -0.67 0.00	42.23 -0.57 0.00	40.02 -0.50 0.00	38.75 -0.60 0.00	38.69 -0.68 0.00
LEDERLE____ 23769	37.36 1.42 0.00	34.85 1.33 -0.17	34.71 1.27 0.00	33.68 1.16 0.00	32.51 1.07 0.00	38.17 1.34 0.00	52.50 2.13 0.00	38.51 1.73 0.00	31.36 1.46 0.00	32.76 1.68 0.00	34.96 1.62 0.00	30.36 1.21 0.00	29.82 1.28 0.00	32.07 1.35 0.00	39.44 1.98 0.00	33.54 1.57 0.00	143.66 8.26 0.00	38.33 2.19 0.00	44.59 2.43 0.00	39.17 2.12 0.00	45.18 2.37 0.00	42.95 1.94 -0.49	41.32 1.96 0.00	41.36 2.00 0.00
LIGHTHSE_115KV_TB6 355974	35.16 -0.89 -0.11	32.23 -1.12 0.00	32.25 -1.20 0.00	31.78 -0.75 0.00	30.76 -0.68 0.00	35.86 -0.97 0.00	48.85 -1.53 0.00	35.33 -1.45 0.00	28.24 -1.66 0.00	29.51 -1.57 0.00	31.81 -1.52 0.00	27.89 -1.27 0.00	27.34 -1.21 0.00	29.45 -1.28 0.00	35.86 -1.60 0.00	30.49 -1.48 0.00	129.31 -6.08 0.00	35.05 -1.09 0.00	41.13 -1.03 0.00	36.29 -0.76 0.00	42.06 -0.75 0.00	39.78 -0.75 0.00	38.55 -0.80 0.00	38.49 -0.87 0.00
LINDEN COGEN____ 23786	37.29 1.35 0.00	34.61 1.26 0.00	34.60 1.16 0.00	33.57 1.04 0.00	32.41 0.98 0.00	38.05 1.22 0.00	52.38 2.01 0.00	38.48 1.70 0.00	31.43 1.53 0.00	32.88 1.80 0.00	35.07 1.74 0.00	30.32 1.16 0.00	29.81 1.26 0.00	32.02 1.30 0.00	39.53 2.06 0.00	33.44 1.48 0.00	143.88 8.48 0.00	38.41 2.28 0.00	44.63 2.47 0.00	39.18 2.12 0.00	45.13 2.32 0.00	42.41 1.89 0.00	41.28 1.92 0.00	41.28 1.92 0.00

LINDHRST_69_KV_BK1 356055	56.72 2.25 -18.52	43.46 2.22 -7.88	42.73 2.18 -7.11	42.76 2.04 -8.19	46.97 1.93 -13.59	46.97 2.26 -7.88	52.70 2.33 0.00	38.72 1.94 0.00	31.86 1.96 0.00	41.98 2.41 -8.49	35.31 1.98 0.00	32.53 1.72 -1.65	30.27 1.72 0.00	35.48 1.93 -2.83	39.75 2.29 0.00	33.94 1.97 0.00	137.47 6.96 4.88	41.23 2.71 -2.39	44.89 2.73 0.00	48.87 2.47 -9.35	45.57 2.76 0.00	43.27 2.38 -0.37	50.03 2.62 -8.06	50.84 2.66 -8.82
LIPA_MISC_IPP 23656	54.44 1.88 -16.61	41.93 1.72 -6.86	41.38 1.75 -6.19	41.33 1.68 -7.13	44.91 1.64 -11.83	45.60 1.91 -6.86	51.77 1.40 0.00	37.85 1.07 0.00	31.21 1.31 0.00	40.47 2.00 -7.39	34.84 1.51 0.00	31.99 1.40 -1.43	29.83 1.28 0.00	34.68 1.50 -2.46	39.21 1.75 0.00	33.39 1.43 0.00	134.39 4.32 5.32	40.30 2.09 -2.08	43.99 1.83 0.00	46.74 1.55 -8.14	27.14 1.49 17.16	31.42 1.18 10.29	48.04 1.68 -7.01	48.98 1.94 -7.67
LISF__SOLAR 323691	54.51 1.94 -16.63	41.99 1.77 -6.87	41.43 1.80 -6.19	41.39 1.73 -7.14	44.98 1.69 -11.84	45.68 1.98 -6.87	51.84 1.47 0.00	37.88 1.11 0.00	31.22 1.32 0.00	40.48 2.00 -7.40	34.84 1.50 0.00	31.98 1.39 -1.44	29.82 1.28 0.00	34.68 1.50 -2.46	39.19 1.73 0.00	33.39 1.43 0.00	134.30 4.22 5.32	40.32 2.11 -2.08	44.05 1.89 0.00	46.81 1.61 -8.15	18.18 1.55 26.17	25.90 1.24 15.87	48.12 1.75 -7.02	49.05 2.00 -7.68
LITTLE FALLS__HYD 24013	36.61 0.67 0.00	34.02 0.66 0.00	34.05 0.60 0.00	33.19 0.66 0.00	32.08 0.64 0.00	37.54 0.72 0.00	51.20 0.83 0.00	36.75 -0.03 0.00	29.31 -0.58 0.00	30.13 -0.95 0.00	32.14 -1.20 0.00	28.01 -1.15 0.00	27.39 -1.15 0.00	29.37 -1.35 0.00	36.08 -1.38 0.00	30.91 -1.05 0.00	134.04 -1.36 0.00	36.65 0.52 0.00	43.11 0.95 0.00	37.96 0.91 0.00	43.80 1.00 0.00	41.47 0.95 0.00	40.45 1.09 0.00	40.38 1.01 0.00
LITTLRIV_115KV_TB1 356100	35.71 -0.25 -0.01	33.06 -0.29 0.00	33.16 -0.28 0.00	32.31 -0.22 0.00	31.26 -0.18 0.00	36.69 -0.14 0.00	50.25 -0.12 0.00	36.31 -0.47 0.00	29.09 -0.81 0.00	29.94 -1.14 0.00	32.13 -1.21 0.00	28.03 -1.13 0.00	27.43 -1.11 0.00	29.55 -1.17 0.00	36.01 -1.46 0.00	30.72 -1.24 0.00	130.26 -5.14 0.00	35.09 -1.05 0.00	41.54 -0.62 0.00	36.81 -0.24 0.00	42.78 -0.03 0.00	40.51 -0.01 0.00	39.21 -0.14 0.00	39.13 -0.24 0.00
LI_NEWBRDGE__DRP 323616	53.39 1.84 -15.61	41.56 1.76 -6.45	40.97 1.71 -5.82	40.83 1.61 -6.70	44.05 1.49 -11.12	44.97 1.69 -6.45	52.03 1.65 0.00	38.24 1.46 0.00	31.49 1.59 0.00	40.07 2.05 -6.95	34.94 1.60 0.00	31.97 1.46 -1.35	30.01 1.47 0.00	34.67 1.64 -2.31	39.42 1.95 0.00	33.64 1.68 0.00	135.80 5.92 5.51	40.37 2.29 -1.95	44.34 2.18 0.00	46.65 1.95 -7.65	44.94 2.14 0.00	42.58 1.76 -0.30	47.94 2.00 -6.59	48.68 2.11 -7.21
LOCKPORT_115KV_TB60_63_64 80432	34.15 -1.80 0.00	30.13 -1.94 1.29	31.76 -1.68 0.00	30.78 -1.75 0.00	29.72 -1.72 0.00	35.12 -1.71 0.00	47.57 -2.80 0.00	34.58 -2.20 0.00	28.79 -1.11 0.00	30.32 -0.76 0.00	32.99 -0.35 0.00	29.04 -0.11 0.00	28.40 -0.14 0.00	30.50 -0.22 0.00	34.52 -1.13 1.81	30.99 -0.97 0.00	72.67 -9.28 53.45	33.67 -2.46 0.00	38.81 -3.35 0.00	34.41 -2.65 0.00	39.71 -3.10 0.00	33.76 -2.97 3.79	36.50 -2.86 0.00	36.67 -2.70 0.00
LOCKPORT__CC1 323769	34.13 -1.82 0.00	30.07 -1.97 1.31	31.74 -1.70 0.00	30.76 -1.77 0.00	29.71 -1.73 0.00	35.11 -1.72 0.00	47.56 -2.81 0.00	34.57 -2.21 0.00	28.79 -1.11 0.00	30.33 -0.75 0.00	32.99 -0.35 0.00	29.07 -0.09 0.00	28.40 -0.14 0.00	30.50 -0.23 0.00	34.48 -1.15 1.84	30.98 -0.98 0.00	71.85 -9.21 54.35	33.67 -2.45 0.00	38.82 -3.34 0.00	34.41 -2.64 0.00	39.70 -3.11 0.00	33.68 -2.99 3.86	36.49 -2.87 0.00	36.68 -2.69 0.00
LOCKPORT__CC2 323770	34.13 -1.82 0.00	30.07 -1.97 1.31	31.74 -1.70 0.00	30.76 -1.77 0.00	29.71 -1.73 0.00	35.11 -1.72 0.00	47.56 -2.81 0.00	34.57 -2.21 0.00	28.79 -1.11 0.00	30.33 -0.75 0.00	32.99 -0.35 0.00	29.07 -0.09 0.00	28.40 -0.14 0.00	30.50 -0.23 0.00	34.48 -1.15 1.84	30.98 -0.98 0.00	71.85 -9.21 54.35	33.67 -2.45 0.00	38.82 -3.34 0.00	34.41 -2.64 0.00	39.70 -3.11 0.00	33.68 -2.99 3.86	36.49 -2.87 0.00	36.68 -2.69 0.00
LOCKPORT__CC3 323771	34.13 -1.82 0.00	30.07 -1.97 1.31	31.74 -1.70 0.00	30.76 -1.77 0.00	29.71 -1.73 0.00	35.11 -1.72 0.00	47.56 -2.81 0.00	34.57 -2.21 0.00	28.79 -1.11 0.00	30.33 -0.75 0.00	32.99 -0.35 0.00	29.07 -0.09 0.00	28.40 -0.14 0.00	30.50 -0.23 0.00	34.48 -1.15 1.84	30.98 -0.98 0.00	71.85 -9.21 54.35	33.67 -2.45 0.00	38.82 -3.34 0.00	34.41 -2.64 0.00	39.70 -3.11 0.00	33.68 -2.99 3.86	36.49 -2.87 0.00	36.68 -2.69 0.00
LOCUSVLY_69_KV_BK2 55797	61.87 2.03 -23.90	45.21 1.92 -9.93	44.25 1.85 -8.96	44.58 1.73 -10.32	50.19 1.62 -17.13	48.65 1.89 -9.93	52.53 2.15 0.00	38.63 1.85 0.00	31.74 1.84 0.00	44.03 2.25 -10.70	35.29 1.96 0.00	32.90 1.67 -2.08	30.23 1.69 0.00	36.12 1.84 -3.56	39.80 2.33 0.00	33.92 1.96 0.00	139.75 7.83 3.48	41.80 2.67 -3.01	44.81 2.64 0.00	51.17 2.33 -11.79	45.36 2.55 0.00	43.17 2.18 -0.46	51.88 2.38 -10.15	52.89 2.42 -11.11
LONG_LAKE_PHOENIX 24014	34.86 -1.22 -0.13	32.19 -1.16 0.00	32.29 -1.15 0.00	31.42 -1.11 0.00	30.37 -1.06 0.00	35.61 -1.22 0.00	48.69 -1.68 0.00	35.53 -1.25 0.00	28.89 -1.01 0.00	30.11 -0.97 0.00	32.36 -0.98 0.00	28.34 -0.81 0.00	27.76 -0.79 0.00	29.92 -0.80 0.00	36.48 -0.99 0.00	31.16 -0.80 0.00	131.44 -3.96 0.00	35.04 -1.09 0.00	40.78 -1.38 0.00	35.90 -1.15 0.00	41.44 -1.37 0.00	39.21 -1.31 0.00	38.07 -1.29 0.00	38.07 -1.29 0.00
LOVETT__3 23632	37.17 1.23 0.00	34.51 1.16 0.00	34.53 1.09 0.00	33.51 0.98 0.00	32.35 0.91 0.00	37.96 1.13 0.00	52.19 1.81 0.00	38.28 1.50 0.00	31.18 1.29 0.00	32.58 1.50 0.00	34.76 1.43 0.00	30.18 1.02 0.00	29.64 1.10 0.00	31.87 1.15 0.00	39.22 1.75 0.00	33.32 1.36 0.00	142.70 7.31 0.00	38.08 1.95 0.00	44.30 2.14 0.00	38.91 1.85 0.00	44.87 2.06 0.00	42.19 1.66 0.00	41.08 1.73 0.00	41.12 1.76 0.00
LOVETT__4 23642	37.17 1.23 0.00	34.51 1.16 0.00	34.53 1.09 0.00	33.51 0.98 0.00	32.35 0.91 0.00	37.96 1.13 0.00	52.19 1.81 0.00	38.28 1.50 0.00	31.18 1.29 0.00	32.58 1.50 0.00	34.76 1.43 0.00	30.18 1.02 0.00	29.64 1.10 0.00	31.87 1.15 0.00	39.22 1.75 0.00	33.32 1.36 0.00	142.70 7.31 0.00	38.08 1.95 0.00	44.30 2.14 0.00	38.91 1.85 0.00	44.87 2.06 0.00	42.19 1.66 0.00	41.08 1.73 0.00	41.12 1.76 0.00
LOVETT__5 23593	37.17 1.23 0.00	34.51 1.16 0.00	34.53 1.09 0.00	33.51 0.98 0.00	32.35 0.91 0.00	37.96 1.13 0.00	52.19 1.81 0.00	38.28 1.50 0.00	31.18 1.29 0.00	32.58 1.50 0.00	34.76 1.43 0.00	30.18 1.02 0.00	29.64 1.10 0.00	31.87 1.15 0.00	39.22 1.75 0.00	33.32 1.36 0.00	142.70 7.31 0.00	38.08 1.95 0.00	44.30 2.14 0.00	38.91 1.85 0.00	44.87 2.06 0.00	42.19 1.66 0.00	41.08 1.73 0.00	41.12 1.76 0.00

LOWER RAQUET___HYD 24057	35.11 -0.85 -0.02	32.51 -0.84 0.00	32.60 -0.84 0.00	31.78 -0.75 0.00	30.74 -0.70 0.00	36.04 -0.79 0.00	49.37 -1.00 0.00	35.83 -0.95 0.00	28.77 -1.12 0.00	29.62 -1.46 0.00	31.78 -1.56 0.00	27.74 -1.42 0.00	27.14 -1.40 0.00	29.23 -1.49 0.00	35.62 -1.84 0.00	30.38 -1.58 0.00	128.77 -6.63 0.00	34.69 -1.44 0.00	40.91 -1.25 0.00	36.18 -0.87 0.00	42.01 -0.80 0.00	39.82 -0.70 0.00	38.56 -0.80 0.00	38.48 -0.88 0.00
LOWER___HUDSON 24059	37.12 1.17 0.00	34.44 1.08 0.00	34.46 1.02 0.00	33.58 1.05 0.00	32.44 1.00 0.00	37.97 1.14 0.00	51.77 1.40 0.00	37.85 1.07 0.00	30.83 0.93 0.00	31.95 0.87 0.00	34.20 0.87 0.00	29.94 0.79 0.00	29.26 0.72 0.00	31.49 0.77 0.00	38.45 0.98 0.00	32.71 0.75 0.00	139.29 3.90 0.00	37.06 0.93 0.00	43.31 1.15 0.00	37.86 0.81 0.00	43.81 1.00 0.00	41.64 1.12 0.00	40.53 1.17 0.00	40.61 1.25 0.00
LOWVILLE_115KV_TB2 356335	35.75 -0.23 -0.04	32.89 -0.46 0.00	32.91 -0.53 0.00	32.30 -0.23 0.00	31.29 -0.16 0.00	36.68 -0.15 0.00	50.09 -0.28 0.00	36.15 -0.63 0.00	28.73 -1.17 0.00	29.68 -1.39 0.00	31.88 -1.46 0.00	27.86 -1.30 0.00	27.28 -1.27 0.00	29.41 -1.32 0.00	35.89 -1.57 0.00	30.63 -1.33 0.00	131.23 -4.17 0.00	35.68 -0.45 0.00	41.92 -0.24 0.00	37.16 0.11 0.00	43.17 0.36 0.00	40.85 0.33 0.00	39.65 0.30 0.00	39.50 0.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.54 1.60 0.00	34.81 1.45 0.00	34.86 1.43 0.00	33.98 1.45 0.00	32.85 1.41 0.00	38.52 1.70 0.00	52.66 2.28 0.00	38.36 1.58 0.00	31.07 1.17 0.00	32.15 1.07 0.00	34.40 1.06 0.00	30.10 0.94 0.00	29.41 0.87 0.00	31.65 0.93 0.00	38.59 1.12 0.00	32.89 0.93 0.00	140.22 4.83 0.00	37.50 1.37 0.00	43.75 1.59 0.00	38.28 1.23 0.00	44.27 1.46 0.00	42.04 1.52 0.00	40.88 1.53 0.00	40.91 1.55 0.00
LUTHERNY_35_KV_BK2 355980	37.57 1.63 0.00	34.86 1.50 0.00	34.88 1.44 0.00	34.02 1.49 0.00	32.87 1.43 0.00	38.58 1.76 0.00	52.74 2.37 0.00	38.40 1.62 0.00	31.10 1.21 0.00	32.19 1.11 0.00	34.42 1.08 0.00	30.09 0.93 0.00	29.43 0.89 0.00	31.68 0.96 0.00	38.63 1.16 0.00	32.91 0.95 0.00	140.46 5.07 0.00	37.56 1.42 0.00	43.81 1.64 0.00	38.34 1.29 0.00	44.33 1.52 0.00	42.10 1.58 0.00	40.92 1.56 0.00	40.96 1.59 0.00
LWR___OSWEGATCHIE_HYD 23850	35.02 -0.95 -0.03	32.31 -1.05 0.00	32.36 -1.08 0.00	31.68 -0.84 0.00	30.67 -0.78 0.00	35.93 -0.90 0.00	49.12 -1.25 0.00	35.53 -1.25 0.00	28.36 -1.53 0.00	29.23 -1.85 0.00	31.41 -1.93 0.00	27.43 -1.73 0.00	26.85 -1.69 0.00	28.93 -1.79 0.00	35.29 -2.18 0.00	30.08 -1.89 0.00	128.02 -7.38 0.00	34.67 -1.46 0.00	40.84 -1.32 0.00	36.17 -0.89 0.00	42.02 -0.79 0.00	39.81 -0.71 0.00	38.65 -0.71 0.00	38.54 -0.83 0.00
LYONS_FALL_HYD 23570	36.14 0.17 -0.03	33.30 -0.05 0.00	33.33 -0.11 0.00	32.63 0.10 0.00	31.61 0.17 0.00	37.09 0.26 0.00	50.68 0.31 0.00	36.65 -0.13 0.00	29.25 -0.65 0.00	30.26 -0.82 0.00	32.45 -0.89 0.00	28.36 -0.79 0.00	27.78 -0.77 0.00	29.93 -0.79 0.00	36.56 -0.91 0.00	31.25 -0.72 0.00	133.54 -1.86 0.00	36.15 0.03 0.00	42.41 0.25 0.00	37.53 0.48 0.00	43.51 0.70 0.00	41.16 0.64 0.00	39.95 0.59 0.00	39.81 0.44 0.00
MADISON___COUNTY_LFGE 323628	36.64 0.67 -0.02	33.89 0.54 0.00	33.97 0.53 0.00	33.11 0.58 0.00	32.02 0.58 0.00	37.64 0.81 0.00	51.50 1.13 0.00	37.36 0.58 0.00	30.04 0.15 0.00	31.19 0.11 0.00	33.42 0.08 0.00	29.26 0.11 0.00	28.64 0.10 0.00	30.86 0.14 0.00	37.70 0.24 0.00	32.29 0.33 0.00	137.28 1.88 0.00	36.88 0.75 0.00	43.11 0.95 0.00	38.01 0.96 0.00	43.94 1.13 0.00	41.52 1.00 0.00	40.29 0.93 0.00	40.21 0.85 0.00
MALONE___115KV_TB1 356076	36.00 0.06 0.00	33.42 0.07 0.00	33.56 0.12 0.00	32.68 0.15 0.00	31.59 0.15 0.00	37.03 0.19 0.00	50.75 0.37 0.00	36.98 0.20 0.00	29.76 -0.14 0.00	30.60 -0.48 0.00	32.84 -0.49 0.00	28.68 -0.48 0.00	28.03 -0.52 0.00	30.16 -0.57 0.00	36.75 -0.72 0.00	31.41 -0.55 0.00	133.09 -2.30 0.00	35.80 -0.33 0.00	42.11 -0.05 0.00	37.20 0.15 0.00	43.14 0.33 0.00	40.87 0.35 0.00	39.54 0.19 0.00	39.43 0.07 0.00
MAPLEWOD_115KV_TB3 80458	36.96 1.02 0.00	34.32 0.97 0.00	34.35 0.91 0.00	33.42 0.90 0.00	32.30 0.86 0.00	37.80 0.97 0.00	51.55 1.18 0.00	37.72 0.94 0.00	30.72 0.82 0.00	31.87 0.79 0.00	34.10 0.76 0.00	29.82 0.66 0.00	29.17 0.63 0.00	31.38 0.66 0.00	38.32 0.86 0.00	32.66 0.70 0.00	139.07 3.67 0.00	37.10 0.97 0.00	43.32 1.16 0.00	37.93 0.88 0.00	43.80 0.99 0.00	41.55 1.03 0.00	40.41 1.06 0.00	40.47 1.11 0.00
MAPLE_RIDGE_WT_1 323574	35.85 -0.10 0.00	33.16 -0.19 0.00	33.27 -0.17 0.00	32.45 -0.07 0.00	31.41 -0.03 0.00	36.75 -0.08 0.00	50.30 -0.07 0.00	36.76 -0.02 0.00	29.87 -0.03 0.00	31.00 -0.08 0.00	33.26 -0.08 0.00	29.07 -0.09 0.00	28.46 -0.08 0.00	30.62 -0.10 0.00	37.34 -0.12 0.00	31.86 -0.11 0.00	135.00 -0.40 0.00	36.04 -0.09 0.00	42.08 -0.08 0.00	37.02 -0.03 0.00	42.81 0.00 0.00	40.52 0.00 0.00	39.33 -0.03 0.00	39.33 -0.04 0.00
MAPLE_RIDGE_WT_2 323611	35.85 -0.10 0.00	33.16 -0.19 0.00	33.27 -0.17 0.00	32.45 -0.07 0.00	31.41 -0.03 0.00	36.75 -0.08 0.00	50.30 -0.07 0.00	36.76 -0.02 0.00	29.87 -0.03 0.00	31.00 -0.08 0.00	33.26 -0.08 0.00	29.07 -0.09 0.00	28.46 -0.08 0.00	30.62 -0.10 0.00	37.34 -0.12 0.00	31.86 -0.11 0.00	135.00 -0.40 0.00	36.04 -0.09 0.00	42.08 -0.08 0.00	37.02 -0.03 0.00	42.81 0.00 0.00	40.52 0.00 0.00	39.33 -0.03 0.00	39.33 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	36.04 0.10 0.00	33.49 0.14 0.00	33.64 0.21 0.00	32.75 0.22 0.00	31.65 0.21 0.00	37.07 0.24 0.00	50.74 0.36 0.00	37.03 0.25 0.00	29.92 0.02 0.00	30.82 -0.26 0.00	33.03 -0.31 0.00	28.88 -0.27 0.00	28.24 -0.31 0.00	30.36 -0.37 0.00	37.03 -0.44 0.00	31.67 -0.29 0.00	134.13 -1.27 0.00	35.99 -0.14 0.00	42.20 0.04 0.00	37.21 0.16 0.00	43.10 0.29 0.00	40.86 0.34 0.00	39.54 0.18 0.00	39.47 0.11 0.00
MARSHVLE_115KV_TB1 80742	37.35 1.40 0.00	34.82 1.29 -0.17	34.77 1.34 0.00	33.81 1.28 0.00	32.62 1.18 0.00	38.31 1.48 0.00	52.64 2.27 0.00	37.66 0.88 0.00	29.99 0.10 0.00	31.12 0.04 0.00	33.38 0.04 0.00	29.19 0.03 0.00	28.56 0.02 0.00	30.81 0.09 0.00	38.05 0.24 -0.35	32.53 0.57 0.00	149.12 3.44 -10.28	37.61 1.48 0.00	44.25 2.09 0.00	39.01 1.96 0.00	45.12 2.31 0.00	43.05 2.01 -0.52	41.19 1.83 0.00	41.11 1.74 0.00
MARSH_HILL_WT_PWR 323713	34.72 -1.24 -0.01	29.70 -1.39 2.27	32.50 -0.94 0.00	31.56 -0.97 0.00	30.60 -0.85 0.00	36.18 -0.65 0.00	49.43 -0.94 0.00	35.95 -0.83 0.00	29.28 -0.62 0.00	31.13 0.05 0.00	33.71 0.37 0.00	29.95 0.79 0.00	28.97 0.42 0.00	31.06 0.34 0.00	34.15 -0.27 3.04	31.97 0.01 0.00	41.44 -4.41 89.54	35.31 -0.82 0.00	40.81 -1.34 0.00	36.36 -0.69 0.00	42.01 -0.80 0.00	32.89 -1.28 6.35	38.14 -1.21 0.00	38.08 -1.29 0.00

MCINTYRE_115KV_TB2 80467	36.30 0.34 -0.01	33.62 0.26 0.00	33.72 0.28 0.00	32.84 0.31 0.00	31.78 0.34 0.00	37.32 0.50 0.00	51.11 0.74 0.00	36.80 0.03 0.00	29.48 -0.42 0.00	30.35 -0.73 0.00	32.55 -0.79 0.00	28.41 -0.75 0.00	27.80 -0.74 0.00	29.97 -0.75 0.00	36.49 -0.98 0.00	31.13 -0.83 0.00	131.88 -3.51 0.00	35.52 -0.60 0.00	42.18 0.02 0.00	37.41 0.35 0.00	43.47 0.66 0.00	41.17 0.65 0.00	39.83 0.48 0.00	39.72 0.36 0.00
MECO____69_KV_BK1 80468	37.82 1.88 0.00	35.07 1.72 0.00	35.18 1.74 0.00	34.21 1.68 0.00	33.06 1.62 0.00	38.85 2.02 0.00	53.29 2.92 0.00	38.09 1.31 0.00	30.11 0.21 0.00	31.01 -0.07 0.00	33.13 -0.21 0.00	28.93 -0.23 0.00	28.35 -0.19 0.00	30.57 -0.15 0.00	37.58 -0.16 -0.28	32.09 0.13 0.00	145.69 2.16 -8.13	37.57 1.44 0.00	44.36 2.19 0.00	39.24 2.19 0.00	45.49 2.68 0.00	42.93 2.41 0.00	41.60 2.24 0.00	41.50 2.13 0.00
MENANDS__115KV_TB5 355628	36.79 0.85 0.00	34.19 0.83 0.00	34.20 0.76 0.00	33.28 0.76 0.00	32.18 0.74 0.00	37.63 0.80 0.00	51.29 0.92 0.00	37.57 0.79 0.00	30.64 0.74 0.00	31.80 0.73 0.00	34.02 0.69 0.00	29.75 0.60 0.00	29.11 0.57 0.00	31.32 0.59 0.00	38.24 0.78 0.00	32.60 0.64 0.00	138.79 3.40 0.00	36.98 0.85 0.00	43.16 1.00 0.00	37.78 0.73 0.00	43.60 0.79 0.00	41.36 0.84 0.00	40.24 0.88 0.00	40.29 0.92 0.00
MG INDUSTRY___DRP 24185	36.82 0.88 0.00	34.24 0.89 0.00	34.30 0.85 0.00	33.36 0.83 0.00	32.23 0.80 0.00	37.72 0.89 0.00	51.44 1.07 0.00	37.54 0.77 0.00	30.50 0.60 0.00	31.68 0.60 0.00	33.90 0.56 0.00	29.61 0.46 0.00	28.96 0.41 0.00	31.18 0.45 0.00	38.06 0.60 0.00	32.52 0.56 0.00	138.35 2.96 0.00	36.90 0.77 0.00	43.18 1.02 0.00	37.85 0.80 0.00	43.67 0.86 0.00	41.37 0.85 0.00	40.27 0.92 0.00	40.31 0.94 0.00
MID____OSWEGATCHIE_HYD 23849	35.02 -0.95 -0.03	32.31 -1.05 0.00	32.36 -1.08 0.00	31.68 -0.84 0.00	30.67 -0.78 0.00	35.93 -0.90 0.00	49.12 -1.25 0.00	35.53 -1.25 0.00	28.36 -1.53 0.00	29.23 -1.85 0.00	31.41 -1.93 0.00	27.43 -1.73 0.00	26.85 -1.69 0.00	28.93 -1.79 0.00	35.29 -2.18 0.00	30.08 -1.89 0.00	128.02 -7.38 0.00	34.67 -1.46 0.00	40.84 -1.32 0.00	36.17 -0.89 0.00	42.02 -0.79 0.00	39.81 -0.71 0.00	38.65 -0.71 0.00	38.54 -0.83 0.00
MID____RAQUETTE_HYD 23851	35.11 -0.85 -0.02	32.51 -0.84 0.00	32.60 -0.84 0.00	31.78 -0.75 0.00	30.74 -0.70 0.00	36.04 -0.79 0.00	49.37 -1.00 0.00	35.83 -0.95 0.00	28.77 -1.12 0.00	29.62 -1.46 0.00	31.78 -1.56 0.00	27.74 -1.42 0.00	27.14 -1.41 0.00	29.23 -1.49 0.00	35.62 -1.84 0.00	30.38 -1.58 0.00	128.77 -6.63 0.00	34.69 -1.44 0.00	40.91 -1.25 0.00	36.18 -0.88 0.00	42.01 -0.80 0.00	39.82 -0.70 0.00	38.56 -0.80 0.00	38.48 -0.88 0.00
MILLIKEN___1 23584	36.30 0.31 -0.04	33.13 0.25 0.48	33.70 0.26 0.00	32.80 0.27 0.00	31.77 0.33 0.00	37.30 0.47 0.00	51.13 0.75 0.00	37.18 0.40 0.00	30.01 0.12 0.00	31.18 0.10 0.00	33.44 0.10 0.00	29.38 0.22 0.00	28.74 0.20 0.00	31.00 0.28 0.00	37.11 0.29 0.64	32.35 0.39 0.00	117.94 1.46 18.92	36.71 0.59 0.00	42.80 0.65 0.00	37.69 0.64 0.00	43.54 0.73 0.00	39.62 0.49 1.39	39.83 0.48 0.00	39.80 0.43 0.00
MILLIKEN___2 23585	36.30 0.31 -0.04	33.13 0.25 0.48	33.70 0.26 0.00	32.80 0.27 0.00	31.77 0.33 0.00	37.30 0.47 0.00	51.13 0.75 0.00	37.18 0.40 0.00	30.01 0.12 0.00	31.18 0.10 0.00	33.44 0.10 0.00	29.38 0.22 0.00	28.74 0.20 0.00	31.00 0.28 0.00	37.11 0.29 0.64	32.35 0.39 0.00	117.94 1.46 18.92	36.71 0.59 0.00	42.80 0.65 0.00	37.69 0.64 0.00	43.54 0.73 0.00	39.62 0.49 1.39	39.83 0.48 0.00	39.80 0.43 0.00
MILLIKEN___DIESEL 23629	36.30 0.31 -0.04	33.13 0.25 0.48	33.70 0.26 0.00	32.80 0.27 0.00	31.77 0.33 0.00	37.30 0.47 0.00	51.13 0.75 0.00	37.18 0.40 0.00	30.01 0.12 0.00	31.18 0.10 0.00	33.44 0.10 0.00	29.38 0.22 0.00	28.74 0.20 0.00	31.00 0.28 0.00	37.11 0.29 0.64	32.35 0.39 0.00	117.94 1.46 18.92	36.71 0.59 0.00	42.80 0.65 0.00	37.69 0.64 0.00	43.54 0.73 0.00	39.62 0.49 1.39	39.83 0.48 0.00	39.80 0.43 0.00
MILLSEAT___LFGE 323607	34.92 -1.02 0.00	30.93 -1.23 1.20	32.45 -0.99 0.00	31.47 -1.06 0.00	30.42 -1.02 0.00	35.97 -0.86 0.00	48.88 -1.50 0.00	35.46 -1.32 0.00	29.29 -0.61 0.00	30.65 -0.43 0.00	33.48 0.14 0.00	29.35 0.20 0.00	28.85 0.31 0.00	31.15 0.43 0.00	35.52 -0.27 1.68	31.63 -0.33 0.00	80.00 -5.86 49.54	34.58 -1.55 0.00	39.80 -2.36 0.00	35.38 -1.68 0.00	40.93 -1.88 0.00	35.16 -1.84 3.52	37.52 -1.83 0.00	37.65 -1.72 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.24 1.30 0.00	34.58 1.22 0.00	34.58 1.14 0.00	33.56 1.04 0.00	32.39 0.96 0.00	38.02 1.19 0.00	52.25 1.87 0.00	38.34 1.56 0.00	31.27 1.37 0.00	32.65 1.58 0.00	34.84 1.50 0.00	30.23 1.07 0.00	29.69 1.15 0.00	31.93 1.20 0.00	39.28 1.82 0.00	33.36 1.40 0.00	142.96 7.56 0.00	38.17 2.04 0.00	44.39 2.23 0.00	38.97 1.92 0.00	44.94 2.13 0.00	42.27 1.75 0.00	41.16 1.81 0.00	41.19 1.82 0.00
MILLWOOD_13_KV_LOAD 356217	37.30 1.36 0.00	34.64 1.28 0.00	34.64 1.21 0.00	33.61 1.08 0.00	32.44 1.01 0.00	38.09 1.26 0.00	52.34 1.97 0.00	38.41 1.63 0.00	31.32 1.42 0.00	32.70 1.63 0.00	34.88 1.54 0.00	30.27 1.11 0.00	29.72 1.18 0.00	31.96 1.24 0.00	39.32 1.85 0.00	33.39 1.43 0.00	143.11 7.71 0.00	38.22 2.09 0.00	44.48 2.32 0.00	39.05 2.00 0.00	45.03 2.22 0.00	42.35 1.83 0.00	41.24 1.88 0.00	41.25 1.89 0.00
MODEL_CITY_ENERGY 24167	33.82 -2.12 0.00	29.77 -2.25 1.34	31.46 -1.99 0.00	30.48 -2.05 0.00	29.43 -2.01 0.00	34.78 -2.05 0.00	47.04 -3.33 0.00	34.18 -2.60 0.00	28.50 -1.40 0.00	30.03 -1.05 0.00	32.66 -0.67 0.00	28.77 -0.38 0.00	28.10 -0.44 0.00	30.18 -0.54 0.00	34.06 -1.52 1.88	30.66 -1.30 0.00	69.30 -10.66 55.44	33.29 -2.84 0.00	38.36 -3.79 0.00	33.99 -3.07 0.00	39.21 -3.60 0.00	33.15 -3.44 3.93	36.07 -3.29 0.00	36.27 -3.09 0.00
MODERN_LFGE___ 323580	33.82 -2.12 0.00	29.77 -2.25 1.34	31.46 -1.99 0.00	30.48 -2.05 0.00	29.43 -2.01 0.00	34.78 -2.05 0.00	47.04 -3.33 0.00	34.18 -2.60 0.00	28.50 -1.40 0.00	30.03 -1.05 0.00	32.66 -0.67 0.00	28.77 -0.38 0.00	28.10 -0.44 0.00	30.18 -0.54 0.00	34.06 -1.52 1.88	30.66 -1.30 0.00	69.30 -10.66 55.44	33.29 -2.84 0.00	38.36 -3.79 0.00	33.99 -3.07 0.00	39.21 -3.60 0.00	33.15 -3.44 3.93	36.07 -3.29 0.00	36.27 -3.09 0.00
MOHAWK_PAPER___DRP 24187	36.96 1.02 0.00	34.32 0.97 0.00	34.35 0.91 0.00	33.42 0.90 0.00	32.30 0.86 0.00	37.80 0.97 0.00	51.55 1.18 0.00	37.72 0.94 0.00	30.72 0.82 0.00	31.87 0.79 0.00	34.10 0.76 0.00	29.82 0.66 0.00	29.17 0.63 0.00	31.38 0.66 0.00	38.32 0.86 0.00	32.66 0.70 0.00	139.07 3.67 0.00	37.10 0.97 0.00	43.32 1.16 0.00	37.93 0.88 0.00	43.80 0.99 0.00	41.55 1.03 0.00	40.41 1.06 0.00	40.47 1.11 0.00

MOHICAN__35_KV_115KV_LD 80490	37.98 2.03 0.00	35.11 1.76 0.00	35.20 1.77 0.00	34.41 1.88 0.00	33.28 1.84 0.00	39.13 2.30 0.00	53.58 3.21 0.00	38.98 2.20 0.00	31.46 1.56 0.00	32.49 1.41 0.00	34.62 1.28 0.00	30.34 1.18 0.00	29.58 1.04 0.00	31.84 1.12 0.00	38.81 1.35 0.00	33.09 1.13 0.00	141.10 5.70 0.00	37.73 1.60 0.00	43.85 1.69 0.00	38.29 1.23 0.00	44.30 1.49 0.00	42.15 1.63 0.00	41.00 1.65 0.00	41.02 1.66 0.00
MONGAUP__HYD 23641	37.19 1.25 0.00	34.70 1.17 -0.18	34.53 1.09 0.00	33.62 1.09 0.00	32.39 0.95 0.00	38.02 1.19 0.00	52.27 1.89 0.00	38.16 1.38 0.00	30.78 0.88 0.00	32.15 1.07 0.00	34.29 0.95 0.00	29.81 0.65 0.00	29.27 0.72 0.00	31.48 0.75 0.00	38.89 1.18 -0.24	32.90 0.94 0.00	148.01 5.37 -7.24	37.93 1.80 0.00	44.16 1.99 0.00	38.89 1.84 0.00	44.91 2.10 0.00	42.78 1.74 -0.52	41.11 1.76 0.00	41.14 1.77 0.00
MONTAUK__DIESEL 23721	54.67 2.11 -16.62	41.53 1.31 -6.86	41.05 1.42 -6.19	40.99 1.33 -7.13	44.73 1.45 -11.83	45.69 2.00 -6.86	52.05 1.68 0.00	37.99 1.21 0.00	31.29 1.39 0.00	40.66 2.19 -7.39	35.23 1.90 0.00	32.45 1.86 -1.43	29.83 1.29 0.00	34.45 1.27 -2.46	38.89 1.42 0.00	32.67 0.71 0.00	128.47 -1.60 5.32	38.98 0.78 -2.08	43.16 1.00 0.00	46.08 0.88 -8.14	25.49 0.69 18.00	30.09 0.38 10.81	47.19 0.82 -7.01	48.03 0.99 -7.67
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.45 -1.50 0.00	30.23 -1.48 1.65	32.49 -0.95 0.00	31.70 -0.83 0.00	30.70 -0.74 0.00	36.41 -0.42 0.00	49.39 -0.99 0.00	36.13 -0.65 0.00	29.98 0.08 0.00	32.04 0.96 0.00	34.66 1.32 0.00	30.72 1.56 0.00	29.86 1.32 0.00	32.01 1.29 0.00	35.72 0.61 2.35	32.63 0.67 0.00	64.14 -1.98 69.28	35.73 -0.40 0.00	41.15 -1.01 0.00	36.55 -0.50 0.00	41.91 -0.90 0.00	34.26 -1.35 4.91	37.93 -1.43 0.00	37.98 -1.38 0.00
MORRIS_RIDGE__SOLAR 323848	34.44 -1.50 0.00	29.61 -1.66 2.08	32.16 -1.28 0.00	31.26 -1.27 0.00	30.26 -1.19 0.00	35.75 -1.08 0.00	48.61 -1.76 0.00	35.26 -1.52 0.00	28.74 -1.16 0.00	30.60 -0.48 0.00	33.13 -0.21 0.00	29.43 0.27 0.00	28.53 -0.01 0.00	30.71 -0.01 2.90	33.88 -0.69 0.00	31.53 -0.43 0.00	44.35 -5.76 85.29	34.84 -1.29 0.00	40.15 -2.00 0.00	35.69 -1.36 0.00	41.12 -1.69 0.00	32.51 -1.97 6.05	37.51 -1.84 0.00	37.53 -1.84 0.00
MORTIMER_115KV_TB3 55949	35.20 -0.74 0.00	31.70 -0.85 0.81	32.71 -0.73 0.00	31.76 -0.77 0.00	30.71 -0.73 0.00	36.17 -0.66 0.00	49.40 -0.97 0.00	35.96 -0.82 0.00	29.47 -0.43 0.00	30.89 -0.19 0.00	33.42 0.08 0.00	29.40 0.25 0.00	28.78 0.24 0.00	31.03 0.30 0.00	36.27 -0.06 1.13	31.85 -0.11 0.00	99.02 -3.00 33.37	35.32 -0.81 0.00	40.99 -1.17 0.00	36.17 -0.88 0.00	41.77 -1.04 0.00	37.10 -1.05 2.37	38.26 -1.10 0.00	38.26 -1.10 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.37 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.13 1.30 0.00	52.44 2.07 0.00	38.52 1.74 0.00	31.47 1.57 0.00	32.91 1.83 0.00	35.10 1.77 0.00	30.36 1.20 0.00	29.82 1.28 0.00	32.05 1.33 0.00	39.56 2.10 0.00	33.48 1.52 0.00	143.99 8.60 0.00	38.46 2.34 0.00	44.67 2.51 0.00	39.20 2.15 0.00	45.18 2.37 0.00	42.48 1.96 0.00	41.34 1.99 0.00	41.35 1.98 0.00
MUNSVILLE_WIND_PWR 323609	38.15 2.17 -0.03	35.74 2.11 -0.28	35.63 2.19 0.00	34.69 2.16 0.00	33.67 2.23 0.00	39.76 2.93 0.00	54.93 4.56 0.00	39.54 2.76 0.00	31.36 1.46 0.00	32.30 1.22 0.00	34.45 1.12 0.00	30.24 1.09 0.00	29.55 1.00 0.00	31.94 1.22 0.00	39.60 1.59 -0.54	33.89 1.93 0.00	160.74 9.36 -15.98	39.28 3.16 0.00	46.07 3.91 0.00	40.56 3.51 0.00	46.72 3.91 0.00	44.75 3.39 -0.83	42.52 3.16 0.00	42.36 3.00 0.00
N SALMON__HYD 24042	36.00 0.06 0.00	33.42 0.07 0.00	33.56 0.12 0.00	32.68 0.15 0.00	31.59 0.15 0.00	37.03 0.19 0.00	50.75 0.37 0.00	36.98 0.20 0.00	29.76 -0.14 0.00	30.60 -0.48 0.00	32.84 -0.49 0.00	28.68 -0.48 0.00	28.03 -0.52 0.00	30.16 -0.57 0.00	36.75 -0.72 0.00	31.41 -0.55 0.00	133.10 -2.30 0.00	35.80 -0.33 0.00	42.11 -0.05 0.00	37.20 0.15 0.00	43.14 0.33 0.00	40.87 0.35 0.00	39.54 0.19 0.00	39.43 0.07 0.00
N.AKRON__115KV_KNAPP 355671	34.72 -1.22 0.00	30.71 -1.41 1.23	32.26 -1.18 0.00	31.29 -1.24 0.00	30.24 -1.20 0.00	35.75 -1.08 0.00	48.54 -1.83 0.00	35.25 -1.53 0.00	29.20 -0.70 0.00	30.64 -0.44 0.00	33.41 0.07 0.00	29.33 0.17 0.00	28.77 0.23 0.00	31.00 0.27 0.00	35.23 -0.50 1.73	31.47 -0.50 0.00	77.42 -6.89 51.09	34.31 -1.82 0.00	39.53 -2.63 0.00	35.10 -1.95 0.00	40.59 -2.22 0.00	34.74 -2.16 3.62	37.24 -2.12 0.00	37.37 -2.00 0.00
N.BELMOR_69_KV_BK1 55787	60.43 2.08 -22.41	44.70 2.00 -9.35	43.81 1.94 -8.43	44.06 1.82 -9.71	49.26 1.70 -16.12	48.16 1.99 -9.35	52.48 2.11 0.00	38.56 1.79 0.00	31.71 1.81 0.00	43.38 2.23 -10.07	35.20 1.86 0.00	32.73 1.63 -1.95	30.19 1.65 0.00	35.90 1.82 -3.35	39.69 2.22 0.00	33.84 1.88 0.00	137.97 6.86 4.29	41.51 2.55 -2.83	44.70 2.54 0.00	50.43 2.28 -11.09	45.39 2.58 0.00	43.14 2.18 -0.44	51.30 2.39 -9.55	52.25 2.43 -10.45
N.E_GEN_SANDY PD 24062	38.02 1.26 -0.81	34.55 1.19 0.00	34.31 1.09 0.21	33.75 1.07 -0.16	32.44 1.01 0.00	37.97 1.14 0.00	49.80 1.43 2.00	37.96 1.19 0.00	34.81 1.11 -3.81	35.87 1.12 -3.67	42.65 1.12 -8.19	33.36 0.98 -3.22	29.49 0.94 0.00	31.73 1.01 0.00	39.45 1.34 -0.65	30.58 1.07 2.45	140.63 5.33 0.09	36.57 1.19 0.75	42.20 1.42 1.38	37.96 1.01 0.10	40.24 1.20 3.78	45.10 1.29 -3.29	43.29 1.38 -2.56	45.08 1.42 -4.30
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.25 1.31 0.00	34.58 1.23 0.00	34.61 1.16 0.00	33.59 1.06 0.00	32.41 0.98 0.00	38.05 1.22 0.00	52.32 1.95 0.00	38.36 1.58 0.00	31.25 1.35 0.00	32.64 1.57 0.00	34.84 1.50 0.00	30.25 1.09 0.00	29.72 1.17 0.00	31.95 1.23 0.00	39.30 1.83 0.00	33.41 1.45 0.00	143.12 7.72 0.00	38.19 2.06 0.00	44.42 2.26 0.00	39.02 1.97 0.00	45.00 2.19 0.00	42.30 1.78 0.00	41.17 1.82 0.00	41.22 1.86 0.00
N.QUEENS_27_KV_LOAD 356247	37.31 1.36 0.00	34.61 1.26 0.00	34.61 1.17 0.00	33.58 1.05 0.00	32.42 0.98 0.00	38.05 1.22 0.00	52.32 1.95 0.00	38.50 1.73 0.00	31.51 1.61 0.00	32.93 1.86 0.00	35.10 1.77 0.00	30.31 1.16 0.00	29.79 1.25 0.00	32.03 1.31 0.00	39.52 2.05 0.00	33.42 1.46 0.00	143.99 8.59 0.00	38.41 2.28 0.00	44.66 2.50 0.00	39.26 2.20 0.00	45.15 2.34 0.00	42.46 1.94 0.00	41.33 1.98 0.00	41.35 1.98 0.00
N.TROY__115KV_TB1 355778	37.12 1.17 0.00	34.44 1.09 0.00	34.46 1.02 0.00	33.58 1.05 0.00	32.44 1.00 0.00	37.97 1.14 0.00	51.77 1.40 0.00	37.85 1.07 0.00	30.83 0.93 0.00	31.95 0.87 0.00	34.20 0.87 0.00	29.95 0.79 0.00	29.26 0.72 0.00	31.50 0.77 0.00	38.44 0.98 0.00	32.71 0.75 0.00	139.29 3.90 0.00	37.06 0.93 0.00	43.30 1.15 0.00	37.87 0.81 0.00	43.81 1.00 0.00	41.65 1.12 0.00	40.52 1.17 0.00	40.62 1.26 0.00

NARROWS_GT1_1 24228	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT1_2 24229	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT1_3 24230	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT1_4 24231	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT1_5 24232	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT1_6 24233	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT1_7 24234	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT1_8 24235	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT2_1 24236	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT2_2 24237	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT2_3 24238	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT2_4 24239	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT2_5 24240	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT2_6 24241	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NARROWS_GT2_7 24242	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00

NARROWS_GT2_8 24243	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.40 1.45 0.00	34.74 1.38 0.00	34.77 1.33 0.00	33.83 1.30 0.00	32.72 1.28 0.00	38.33 1.50 0.00	52.37 2.00 0.00	38.28 1.50 0.00	30.94 1.04 0.00	31.98 0.90 0.00	34.19 0.85 0.00	29.83 0.67 0.00	29.19 0.64 0.00	31.41 0.68 0.00	38.33 0.86 0.00	32.84 0.88 0.00	139.76 4.36 0.00	37.43 1.30 0.00	43.96 1.81 0.00	38.59 1.54 0.00	44.57 1.77 0.00	42.19 1.67 0.00	41.00 1.64 0.00	40.97 1.61 0.00
NCHELSEA_115KV_TR2 355582	37.45 1.51 0.00	34.78 1.43 0.00	34.79 1.35 0.00	33.76 1.23 0.00	32.60 1.16 0.00	38.26 1.44 0.00	52.58 2.20 0.00	38.55 1.77 0.00	31.36 1.46 0.00	32.68 1.60 0.00	34.86 1.52 0.00	30.30 1.14 0.00	29.73 1.18 0.00	31.96 1.24 0.00	39.25 1.78 0.00	33.45 1.49 0.00	143.26 7.86 0.00	38.29 2.16 0.00	44.60 2.44 0.00	39.16 2.11 0.00	45.16 2.35 0.00	42.52 2.00 0.00	41.39 2.04 0.00	41.39 2.02 0.00
NEG CAPITAL___MECHNVIL 23645	37.59 1.65 0.00	34.87 1.52 0.00	34.90 1.47 0.00	34.01 1.49 0.00	32.88 1.44 0.00	38.56 1.73 0.00	52.68 2.30 0.00	38.40 1.62 0.00	31.14 1.24 0.00	32.23 1.15 0.00	34.49 1.15 0.00	30.19 1.03 0.00	29.49 0.95 0.00	31.74 1.02 0.00	38.69 1.23 0.00	32.99 1.03 0.00	140.62 5.22 0.00	37.58 1.45 0.00	43.84 1.68 0.00	38.36 1.31 0.00	44.38 1.57 0.00	42.14 1.62 0.00	40.98 1.62 0.00	41.00 1.64 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.66 -1.29 0.00	31.34 -1.34 0.68	32.20 -1.24 0.00	31.28 -1.25 0.00	30.25 -1.19 0.00	35.62 -1.21 0.00	48.71 -1.67 0.00	35.44 -1.34 0.00	28.96 -0.93 0.00	30.30 -0.78 0.00	32.72 -0.62 0.00	28.80 -0.36 0.00	28.20 -0.35 0.00	30.41 -0.32 0.00	35.80 -0.71 0.95	31.34 -0.62 0.00	102.88 -4.53 27.99	34.91 -1.22 0.00	40.54 -1.61 0.00	35.74 -1.32 0.00	41.26 -1.55 0.00	36.96 -1.57 1.99	37.77 -1.59 0.00	37.76 -1.60 0.00
NEG CENTRAL___DRP 24199	35.55 -0.44 -0.04	32.09 -0.51 0.75	33.02 -0.42 0.00	32.11 -0.42 0.00	31.08 -0.36 0.00	36.58 -0.25 0.00	50.05 -0.32 0.00	36.44 -0.34 0.00	29.51 -0.39 0.00	30.84 -0.24 0.00	33.11 -0.23 0.00	29.22 0.06 0.00	28.66 0.11 0.00	30.85 0.13 0.00	36.39 -0.04 1.04	31.99 0.03 0.00	103.69 -0.97 30.73	36.00 -0.13 0.00	41.80 -0.36 0.00	36.86 -0.19 0.00	42.57 -0.24 0.00	37.88 -0.45 2.19	38.90 -0.45 0.00	38.88 -0.48 0.00
NEG CENTRAL___INDECK 23768	36.07 0.12 0.00	31.59 -0.12 1.65	33.59 0.15 0.00	32.62 0.09 0.00	31.59 0.15 0.00	37.38 0.55 0.00	51.06 0.69 0.00	36.91 0.14 0.00	29.81 -0.09 0.00	31.44 0.36 0.00	34.22 0.88 0.00	30.42 1.27 0.00	29.47 0.93 0.00	31.77 1.05 0.00	35.98 0.80 2.28	32.72 0.76 0.00	68.55 0.22 67.06	36.40 0.27 0.00	42.11 -0.05 0.00	37.47 0.42 0.00	43.31 0.50 0.00	35.98 0.21 4.76	39.46 0.11 0.00	39.38 0.01 0.00
NEG CENTRAL___SENECA 23627	35.48 -0.48 -0.02	31.66 -0.60 1.09	33.00 -0.44 0.00	32.08 -0.45 0.00	31.06 -0.38 0.00	36.62 -0.21 0.00	50.09 -0.28 0.00	36.45 -0.33 0.00	29.51 -0.39 0.00	30.92 -0.16 0.00	33.17 -0.17 0.00	29.35 0.20 0.00	28.77 0.23 0.00	30.94 0.22 0.00	35.95 0.00 1.52	32.06 0.10 0.00	89.55 -1.13 44.71	36.03 -0.10 0.00	41.79 -0.37 0.00	36.93 -0.12 0.00	42.60 -0.20 0.00	36.88 -0.47 3.18	38.89 -0.46 0.00	38.86 -0.51 0.00
NEG CENTRAL___STATE_STREET 24147	35.92 -0.08 -0.06	32.81 -0.12 0.43	33.24 -0.20 0.00	32.41 -0.11 0.00	31.39 -0.05 0.00	36.77 -0.06 0.00	50.41 0.04 0.00	36.71 -0.07 0.00	29.73 -0.17 0.00	30.98 -0.10 0.00	33.27 -0.07 0.00	29.28 0.12 0.00	28.67 0.12 0.00	30.92 0.19 0.00	36.90 0.02 0.58	32.10 0.14 0.00	118.28 0.10 17.22	36.26 0.13 0.00	42.21 0.05 0.00	37.04 -0.01 0.00	42.86 0.05 0.00	39.10 -0.18 1.24	39.17 -0.18 0.00	39.17 -0.19 0.00
NEG MILLWOOD___DRP 24198	37.50 1.55 0.00	34.82 1.46 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.62 1.18 0.00	38.31 1.48 0.00	52.66 2.28 0.00	38.63 1.85 0.00	31.46 1.56 0.00	32.81 1.74 0.00	35.00 1.66 0.00	30.39 1.23 0.00	29.82 1.27 0.00	32.06 1.34 0.00	39.37 1.91 0.00	33.52 1.56 0.00	143.52 8.12 0.00	38.38 2.25 0.00	44.69 2.53 0.00	39.22 2.17 0.00	45.24 2.43 0.00	42.58 2.06 0.00	41.45 2.09 0.00	41.43 2.06 0.00
NEG NORTH_FLCN_SEA 23793	36.43 0.48 0.00	33.83 0.48 0.00	34.01 0.57 0.00	33.12 0.60 0.00	32.03 0.59 0.00	37.57 0.74 0.00	51.34 0.97 0.00	37.48 0.70 0.00	30.35 0.45 0.00	31.22 0.14 0.00	33.32 -0.02 0.00	29.18 0.02 0.00	28.47 -0.07 0.00	30.62 -0.10 0.00	37.39 -0.07 0.00	32.02 0.06 0.00	135.72 0.33 0.00	36.43 0.30 0.00	42.67 0.51 0.00	37.62 0.57 0.00	43.61 0.80 0.00	41.37 0.85 0.00	40.04 0.69 0.00	39.93 0.56 0.00
NEG NORTH_KES_CHATEGAY 23792	36.10 0.15 0.00	33.54 0.18 0.00	33.69 0.25 0.00	32.79 0.27 0.00	31.69 0.24 0.00	37.10 0.27 0.00	50.81 0.44 0.00	37.04 0.26 0.00	29.91 0.01 0.00	30.80 -0.28 0.00	33.02 -0.31 0.00	28.87 -0.29 0.00	28.22 -0.33 0.00	30.33 -0.40 0.00	36.99 -0.47 0.00	31.65 -0.31 0.00	133.90 -1.50 0.00	35.96 -0.17 0.00	42.18 0.02 0.00	37.24 0.19 0.00	43.17 0.36 0.00	40.93 0.41 0.00	39.60 0.24 0.00	39.52 0.16 0.00
NEG NORTH___ALICE_FALLS 23915	36.45 0.51 0.00	33.85 0.50 0.00	34.02 0.58 0.00	33.13 0.60 0.00	32.03 0.59 0.00	37.57 0.74 0.00	51.39 1.02 0.00	37.49 0.71 0.00	30.27 0.37 0.00	31.13 0.05 0.00	33.25 -0.09 0.00	29.09 -0.07 0.00	28.39 -0.15 0.00	30.56 -0.16 0.00	37.31 -0.16 0.00	31.93 -0.03 0.00	135.34 -0.06 0.00	36.37 0.24 0.00	42.61 0.45 0.00	37.65 0.60 0.00	43.65 0.84 0.00	41.40 0.87 0.00	40.06 0.70 0.00	39.95 0.58 0.00
NEG NORTH___LWR_SARANAC 23913	36.45 0.51 0.00	33.85 0.50 0.00	34.02 0.58 0.00	33.13 0.60 0.00	32.03 0.59 0.00	37.57 0.74 0.00	51.39 1.02 0.00	37.49 0.71 0.00	30.27 0.37 0.00	31.13 0.05 0.00	33.25 -0.09 0.00	29.09 -0.07 0.00	28.39 -0.15 0.00	30.56 -0.16 0.00	37.31 -0.16 0.00	31.93 -0.03 0.00	135.34 -0.06 0.00	36.37 0.24 0.00	42.61 0.45 0.00	37.65 0.60 0.00	43.65 0.84 0.00	41.40 0.87 0.00	40.06 0.70 0.00	39.95 0.58 0.00
NEG NORTH___PLATTSBURG 23628	36.45 0.51 0.00	33.85 0.50 0.00	34.02 0.58 0.00	33.13 0.60 0.00	32.03 0.60 0.00	37.57 0.74 0.00	51.39 1.02 0.00	37.49 0.71 0.00	30.27 0.37 0.00	31.13 0.05 0.00	33.25 -0.09 0.00	29.09 -0.07 0.00	28.39 -0.15 0.00	30.56 -0.16 0.00	37.31 -0.16 0.00	31.93 -0.03 0.00	135.34 -0.06 0.00	36.37 0.24 0.00	42.61 0.45 0.00	37.65 0.60 0.00	43.65 0.84 0.00	41.40 0.87 0.00	40.06 0.70 0.00	39.95 0.58 0.00

NEG WEST_LEA_LOCKPORT 23791	34.11 -1.83 0.00	30.08 -1.96 1.31	31.74 -1.70 0.00	30.75 -1.78 0.00	29.71 -1.73 0.00	35.10 -1.73 0.00	47.56 -2.81 0.00	34.58 -2.20 0.00	28.79 -1.11 0.00	30.33 -0.75 0.00	32.99 -0.35 0.00	29.06 -0.09 0.00	28.41 -0.13 0.00	30.49 -0.23 0.00	34.47 -1.15 1.84	30.99 -0.97 0.00	71.76 -9.30 54.35	33.67 -2.45 0.00	38.82 -3.34 0.00	34.41 -2.65 0.00	39.70 -3.11 0.00	33.70 -2.97 3.86	36.49 -2.87 0.00	36.65 -2.71 0.00
NEG WEST___LANCASTR 23811	34.14 -1.81 0.00	29.75 -1.93 1.67	31.79 -1.65 0.00	30.85 -1.68 0.00	29.78 -1.66 0.00	35.19 -1.64 0.00	47.83 -2.54 0.00	34.87 -1.91 0.00	28.89 -1.01 0.00	30.63 -0.45 0.00	33.06 -0.27 0.00	29.23 0.07 0.00	28.51 -0.03 0.00	30.57 -0.15 0.00	34.12 -0.98 2.37	31.24 -0.72 0.00	58.65 -7.77 68.97	34.16 -1.97 0.00	39.36 -2.80 0.00	34.92 -2.14 0.00	40.25 -2.56 0.00	33.03 -2.60 4.89	36.84 -2.52 0.00	36.94 -2.42 0.00
NEG_PENN_ALLEGHNY 23528	36.01 0.03 -0.03	34.84 0.01 -1.47	33.49 0.05 0.00	32.55 0.02 0.00	31.47 0.03 0.00	36.94 0.11 0.00	50.57 0.20 0.00	36.88 0.10 0.00	29.97 0.07 0.00	31.32 0.24 0.00	33.56 0.22 0.00	29.44 0.28 0.00	28.79 0.25 0.00	31.02 0.30 0.00	39.91 0.32 -2.13	32.31 0.35 0.00	199.61 1.28 -62.93	36.53 0.41 0.00	42.51 0.35 0.00	37.40 0.34 0.00	43.10 0.29 0.00	44.97 0.11 -4.33	39.52 0.17 0.00	39.52 0.15 0.00
NEG___GEN_MONROE 24207	35.38 -0.56 0.00	31.81 -0.71 0.83	32.85 -0.59 0.00	31.95 -0.58 0.00	30.84 -0.59 0.00	36.43 -0.40 0.00	49.72 -0.66 0.00	36.12 -0.66 0.00	29.57 -0.33 0.00	30.94 -0.14 0.00	33.63 0.30 0.00	29.53 0.38 0.00	29.01 0.47 0.00	31.27 0.54 0.00	36.43 0.13 1.16	32.00 0.04 0.00	98.55 -2.59 34.26	35.41 -0.72 0.00	41.04 -1.12 0.00	36.27 -0.79 0.00	41.92 -0.89 0.00	37.17 -0.92 2.43	38.38 -0.97 0.00	38.39 -0.98 0.00
NEPA___ENERGY 23901	34.77 -1.17 0.00	30.35 -1.33 1.68	32.50 -0.94 0.00	31.58 -0.95 0.00	30.51 -0.93 0.00	36.06 -0.77 0.00	48.99 -1.39 0.00	35.79 -0.99 0.00	29.59 -0.31 0.00	31.58 0.50 0.00	33.92 0.58 0.00	30.08 0.93 0.00	29.20 0.66 0.00	31.32 0.59 0.00	34.90 -0.20 2.37	32.03 0.07 0.00	61.50 -4.21 69.69	35.21 -0.92 0.00	40.46 -1.70 0.00	35.96 -1.09 0.00	41.39 -1.42 0.00	33.82 -1.76 4.94	37.72 -1.64 0.00	37.86 -1.51 0.00
NEVERSINK___HYD 23608	37.35 1.41 0.00	34.89 1.33 -0.20	34.73 1.29 0.00	33.74 1.21 0.00	32.60 1.16 0.00	38.31 1.48 0.00	52.67 2.30 0.00	38.34 1.56 0.00	30.29 0.39 0.00	31.43 0.35 0.00	33.48 0.14 0.00	29.09 -0.06 0.00	28.57 0.03 0.00	30.71 -0.01 0.00	38.88 1.12 -0.29	32.86 0.90 0.00	149.99 5.99 -8.60	37.89 1.76 0.00	44.17 2.02 0.00	38.82 1.77 0.00	44.78 1.97 0.00	42.74 1.62 -0.60	41.00 1.65 0.00	40.99 1.63 0.00
NEWKRMKL_115KV_TB1 55635	36.57 0.63 0.00	34.00 0.65 0.00	34.02 0.59 0.00	33.10 0.57 0.00	32.01 0.57 0.00	37.44 0.60 0.00	50.98 0.60 0.00	37.38 0.60 0.00	30.47 0.57 0.00	31.63 0.55 0.00	33.83 0.49 0.00	29.56 0.40 0.00	28.92 0.38 0.00	31.11 0.39 0.00	37.99 0.52 0.00	32.42 0.45 0.00	138.01 2.61 0.00	36.82 0.69 0.00	42.97 0.81 0.00	37.63 0.58 0.00	43.38 0.57 0.00	41.13 0.61 0.00	40.00 0.64 0.00	40.05 0.68 0.00
NEWTON___FALLS_HYD 23847	35.02 -0.95 -0.03	32.31 -1.05 0.00	32.36 -1.08 0.00	31.68 -0.84 0.00	30.67 -0.78 0.00	35.93 -0.90 0.00	49.12 -1.25 0.00	35.53 -1.25 0.00	28.36 -1.53 0.00	29.23 -1.85 0.00	31.41 -1.93 0.00	27.43 -1.73 0.00	26.85 -1.69 0.00	28.93 -1.79 0.00	35.29 -2.18 0.00	30.08 -1.89 0.00	128.02 -7.38 0.00	34.67 -1.46 0.00	40.84 -1.32 0.00	36.17 -0.89 0.00	42.02 -0.79 0.00	39.81 -0.71 0.00	38.65 -0.71 0.00	38.54 -0.83 0.00
NGRID_A1_DSASP 323792	33.57 -2.38 0.00	29.52 -2.46 1.37	31.22 -2.22 0.00	30.25 -2.28 0.00	29.21 -2.23 0.00	34.49 -2.34 0.00	46.78 -3.60 0.00	33.95 -2.83 0.00	28.31 -1.59 0.00	29.84 -1.25 0.00	32.54 -0.80 0.00	28.74 -0.42 0.00	28.07 -0.47 0.00	30.10 -0.62 0.00	33.91 -1.63 1.93	30.58 -1.39 0.00	67.32 -11.17 56.91	32.99 -3.14 0.00	38.00 -4.15 0.00	33.65 -3.41 0.00	38.78 -4.03 0.00	32.71 -3.77 4.04	35.72 -3.64 0.00	36.07 -3.29 0.00
NGRID_A2_DSASP 323793	33.57 -2.38 0.00	29.52 -2.46 1.37	31.22 -2.22 0.00	30.25 -2.28 0.00	29.21 -2.23 0.00	34.49 -2.34 0.00	46.78 -3.60 0.00	33.95 -2.83 0.00	28.31 -1.59 0.00	29.84 -1.25 0.00	32.54 -0.80 0.00	28.74 -0.42 0.00	28.07 -0.47 0.00	30.10 -0.62 0.00	33.91 -1.63 1.93	30.58 -1.39 0.00	67.32 -11.17 56.91	32.99 -3.14 0.00	38.00 -4.15 0.00	33.65 -3.41 0.00	38.78 -4.03 0.00	32.71 -3.77 4.04	35.72 -3.64 0.00	36.07 -3.29 0.00
NGRID_A4_DSASP 323807	33.57 -2.38 0.00	29.52 -2.46 1.37	31.22 -2.22 0.00	30.25 -2.28 0.00	29.21 -2.23 0.00	34.49 -2.34 0.00	46.78 -3.60 0.00	33.95 -2.83 0.00	28.31 -1.59 0.00	29.84 -1.25 0.00	32.54 -0.80 0.00	28.74 -0.42 0.00	28.07 -0.47 0.00	30.10 -0.62 0.00	33.91 -1.63 1.93	30.58 -1.39 0.00	67.32 -11.17 56.91	32.99 -3.14 0.00	38.00 -4.15 0.00	33.65 -3.41 0.00	38.78 -4.03 0.00	32.71 -3.77 4.04	35.72 -3.64 0.00	36.07 -3.29 0.00
NIAGARA_115E_LBMP 323715	33.63 -2.31 0.00	29.58 -2.42 1.36	31.29 -2.15 0.00	30.31 -2.22 0.00	29.27 -2.17 0.00	34.57 -2.26 0.00	46.74 -3.64 0.00	33.95 -2.83 0.00	28.35 -1.55 0.00	29.88 -1.20 0.00	32.49 -0.85 0.00	28.62 -0.54 0.00	27.95 -0.59 0.00	29.99 -0.73 0.00	33.80 -1.76 1.91	30.47 -1.49 0.00	67.52 -11.46 56.41	33.07 -3.06 0.00	38.09 -4.07 0.00	33.75 -3.31 0.00	38.91 -3.90 0.00	32.81 -3.71 4.00	35.82 -3.53 0.00	36.04 -3.32 0.00
NIAGARA_115W_LBMP 323714	33.49 -2.45 0.00	29.45 -2.53 1.37	31.16 -2.28 0.00	30.18 -2.35 0.00	29.14 -2.30 0.00	34.42 -2.41 0.00	46.68 -3.70 0.00	33.85 -2.93 0.00	28.23 -1.67 0.00	29.76 -1.32 0.00	32.46 -0.88 0.00	28.68 -0.47 0.00	27.99 -0.55 0.00	30.04 -0.69 0.00	33.82 -1.72 1.93	30.51 -1.45 0.00	67.25 -11.34 56.81	32.90 -3.23 0.00	37.90 -4.26 0.00	33.55 -3.50 0.00	38.68 -4.12 0.00	32.61 -3.88 4.03	35.63 -3.72 0.00	36.03 -3.33 0.00
NIAGARA_230_LBMP 323716	33.80 -2.14 0.00	29.74 -2.27 1.35	31.45 -1.99 0.00	30.47 -2.05 0.00	29.42 -2.02 0.00	34.72 -2.11 0.00	47.10 -3.27 0.00	34.27 -2.51 0.00	28.57 -1.33 0.00	30.12 -0.96 0.00	32.71 -0.63 0.00	28.86 -0.30 0.00	28.16 -0.38 0.00	30.22 -0.51 0.00	34.10 -1.47 1.90	30.72 -1.24 0.00	69.28 -10.17 55.94	33.40 -2.73 0.00	38.53 -3.63 0.00	34.11 -2.95 0.00	39.34 -3.47 0.00	33.25 -3.30 3.97	36.16 -3.19 0.00	36.37 -3.00 0.00
NIAGARA___115KV_198_GIBSON 55903	33.49 -2.45 0.00	29.46 -2.53 1.37	31.16 -2.28 0.00	30.18 -2.35 0.00	29.15 -2.29 0.00	34.42 -2.41 0.00	46.68 -3.70 0.00	33.86 -2.92 0.00	28.23 -1.67 0.00	29.76 -1.32 0.00	32.46 -0.88 0.00	28.67 -0.48 0.00	28.01 -0.53 0.00	30.04 -0.68 0.00	33.84 -1.70 1.93	30.52 -1.44 0.00	67.16 -11.44 56.81	32.90 -3.23 0.00	37.90 -4.26 0.00	33.56 -3.50 0.00	38.68 -4.13 0.00	32.63 -3.86 4.03	35.63 -3.72 0.00	36.01 -3.36 0.00

NIAGARA____ 23760	33.80 -2.14 0.00	29.74 -2.27 1.35	31.45 -1.99 0.00	30.47 -2.05 0.00	29.42 -2.02 0.00	34.72 -2.11 0.00	47.10 -3.27 0.00	34.27 -2.51 0.00	28.57 -1.33 0.00	30.12 -0.96 0.00	32.71 -0.63 0.00	28.86 -0.30 0.00	28.16 -0.38 0.00	30.22 -0.51 0.00	34.09 -1.47 1.90	30.72 -1.24 0.00	69.10 -10.17 56.12	33.40 -2.73 0.00	38.53 -3.63 0.00	34.11 -2.95 0.00	39.34 -3.47 0.00	33.23 -3.30 3.98	36.16 -3.19 0.00	36.37 -3.00 0.00
NINE_MILE_1 23575	34.27 -1.28 0.40	32.15 -1.20 0.00	32.25 -1.19 0.00	31.37 -1.16 0.00	30.33 -1.11 0.00	35.53 -1.30 0.00	48.58 -1.80 0.00	35.45 -1.33 0.00	28.87 -1.03 0.00	30.14 -0.94 0.00	32.42 -0.91 0.00	28.41 -0.75 0.00	27.81 -0.73 0.00	29.96 -0.76 0.00	36.47 -1.00 0.00	31.14 -0.83 0.00	131.44 -3.96 0.00	34.95 -1.17 0.00	40.69 -1.47 0.00	35.78 -1.27 0.00	41.31 -1.50 0.00	39.06 -1.46 0.00	37.94 -1.42 0.00	37.97 -1.40 0.00
NINE_MILE_2 23744	34.26 -1.28 0.40	32.15 -1.20 0.00	32.25 -1.19 0.00	31.37 -1.16 0.00	30.33 -1.11 0.00	35.53 -1.30 0.00	48.58 -1.80 0.00	35.45 -1.33 0.00	28.87 -1.02 0.00	30.15 -0.94 0.00	32.42 -0.91 0.00	28.41 -0.75 0.00	27.81 -0.73 0.00	29.96 -0.76 0.00	36.47 -1.00 0.00	31.14 -0.83 0.00	131.44 -3.96 0.00	34.96 -1.17 0.00	40.69 -1.47 0.00	35.78 -1.27 0.00	41.31 -1.50 0.00	39.06 -1.46 0.00	37.94 -1.41 0.00	37.97 -1.39 0.00
NM_CAPITAL____DRP 24208	36.72 0.77 0.00	34.12 0.77 0.00	34.15 0.71 0.00	33.23 0.70 0.00	32.12 0.68 0.00	37.56 0.73 0.00	51.19 0.82 0.00	37.50 0.72 0.00	30.59 0.69 0.00	31.75 0.67 0.00	33.97 0.64 0.00	29.71 0.55 0.00	29.06 0.51 0.00	31.26 0.54 0.00	38.18 0.71 0.00	32.54 0.58 0.00	138.53 3.13 0.00	36.92 0.79 0.00	43.10 0.94 0.00	37.71 0.66 0.00	43.52 0.71 0.00	41.28 0.76 0.00	40.16 0.81 0.00	40.21 0.84 0.00
NM_CENTRAL____DRP 24181	35.38 -0.60 -0.04	32.77 -0.59 0.00	32.86 -0.58 0.00	31.97 -0.56 0.00	30.91 -0.53 0.00	36.27 -0.56 0.00	49.60 -0.78 0.00	36.16 -0.62 0.00	29.42 -0.48 0.00	30.71 -0.37 0.00	33.02 -0.32 0.00	28.95 -0.20 0.00	28.34 -0.20 0.00	30.54 -0.18 0.00	37.19 -0.27 0.00	31.76 -0.20 0.00	134.14 -1.25 0.00	35.73 -0.40 0.00	41.56 -0.60 0.00	36.57 -0.49 0.00	42.21 -0.60 0.00	39.88 -0.64 0.00	38.73 -0.62 0.00	38.73 -0.64 0.00
NM_FRONTIER____DRP 24179	33.49 -2.45 0.00	29.46 -2.53 1.37	31.16 -2.28 0.00	30.18 -2.35 0.00	29.15 -2.29 0.00	34.42 -2.41 0.00	46.68 -3.70 0.00	33.86 -2.92 0.00	28.23 -1.67 0.00	29.76 -1.32 0.00	32.46 -0.88 0.00	28.67 -0.48 0.00	28.01 -0.53 0.00	30.04 -0.68 0.00	33.84 -1.70 1.93	30.52 -1.44 0.00	67.16 -11.44 56.81	32.90 -3.23 0.00	37.90 -4.26 0.00	33.56 -3.50 0.00	38.68 -4.13 0.00	32.63 -3.86 4.03	35.63 -3.72 0.00	36.01 -3.36 0.00
NM_ST_REGIS____HYD 24053	35.37 -0.59 -0.01	32.77 -0.58 0.00	32.88 -0.56 0.00	32.05 -0.48 0.00	30.98 -0.45 0.00	36.33 -0.49 0.00	49.77 -0.60 0.00	36.15 -0.62 0.00	29.04 -0.86 0.00	29.88 -1.21 0.00	32.05 -1.29 0.00	27.98 -1.18 0.00	27.37 -1.17 0.00	29.46 -1.26 0.00	35.91 -1.56 0.00	30.65 -1.32 0.00	129.97 -5.43 0.00	34.98 -1.15 0.00	41.24 -0.92 0.00	36.47 -0.58 0.00	42.35 -0.46 0.00	40.12 -0.40 0.00	38.84 -0.51 0.00	38.76 -0.60 0.00
NORTHPORT____1 23551	54.13 1.74 -16.44	41.84 1.70 -6.78	41.23 1.67 -6.12	41.14 1.57 -7.05	44.57 1.43 -11.70	45.19 1.58 -6.78	51.60 1.23 0.00	37.95 1.17 0.00	31.36 1.46 0.00	40.36 1.97 -7.31	34.85 1.51 0.00	31.94 1.37 -1.42	29.91 1.36 0.00	34.68 1.52 -2.43	39.27 1.80 0.00	33.51 1.55 0.00	134.88 4.83 5.35	40.26 2.08 -2.05	44.02 1.86 0.00	46.75 1.65 -8.05	44.53 1.72 0.00	42.23 1.39 -0.32	48.09 1.81 -6.93	48.91 1.97 -7.59
NORTHPORT____2 23552	54.13 1.74 -16.44	41.84 1.70 -6.78	41.23 1.67 -6.12	41.14 1.57 -7.05	44.57 1.43 -11.70	45.19 1.58 -6.78	51.60 1.23 0.00	37.95 1.17 0.00	31.36 1.46 0.00	40.36 1.97 -7.31	34.85 1.51 0.00	31.94 1.37 -1.42	29.91 1.36 0.00	34.68 1.52 -2.43	39.27 1.80 0.00	33.51 1.55 0.00	134.88 4.83 5.35	40.26 2.08 -2.05	44.02 1.86 0.00	46.75 1.65 -8.05	44.53 1.72 0.00	42.23 1.39 -0.32	48.09 1.81 -6.93	48.91 1.97 -7.59
NORTHPORT____3 23553	54.16 1.74 -16.48	41.86 1.70 -6.81	41.24 1.66 -6.15	41.16 1.55 -7.08	44.60 1.42 -11.74	45.18 1.54 -6.81	51.56 1.19 0.00	37.95 1.17 0.00	31.34 1.45 0.00	40.39 1.98 -7.34	34.85 1.51 0.00	31.95 1.37 -1.42	29.91 1.37 0.00	34.69 1.53 -2.44	39.28 1.81 0.00	33.52 1.56 0.00	134.89 4.83 5.34	40.25 2.06 -2.06	43.99 1.83 0.00	46.75 1.62 -8.08	44.52 1.72 0.00	42.22 1.38 -0.32	48.11 1.79 -6.96	48.94 1.96 -7.62
NORTHPORT____4 23650	54.16 1.74 -16.48	41.86 1.70 -6.81	41.24 1.66 -6.15	41.16 1.55 -7.08	44.60 1.42 -11.74	45.18 1.54 -6.81	51.56 1.19 0.00	37.95 1.17 0.00	31.34 1.45 0.00	40.39 1.98 -7.34	34.85 1.51 0.00	31.95 1.37 -1.42	29.91 1.37 0.00	34.69 1.53 -2.44	39.28 1.81 0.00	33.52 1.56 0.00	134.89 4.83 5.34	40.25 2.06 -2.06	43.99 1.83 0.00	46.75 1.62 -8.08	44.52 1.72 0.00	42.22 1.38 -0.32	48.11 1.79 -6.96	48.94 1.96 -7.62
NORTHPORT____IC 23718	54.13 1.75 -16.44	41.84 1.70 -6.78	41.23 1.67 -6.12	41.14 1.56 -7.05	44.57 1.43 -11.70	45.19 1.58 -6.78	51.59 1.22 0.00	37.95 1.17 0.00	31.35 1.46 0.00	40.36 1.97 -7.31	34.85 1.51 0.00	31.94 1.37 -1.42	29.90 1.36 0.00	34.68 1.52 -2.43	39.27 1.81 0.00	33.51 1.55 0.00	134.87 4.83 5.35	40.26 2.08 -2.05	44.02 1.86 0.00	46.75 1.65 -8.05	44.54 1.73 0.00	42.23 1.39 -0.32	48.08 1.80 -6.93	48.91 1.96 -7.59
NORTH____COUNTRY_ESR 323785	36.04 0.09 0.00	33.49 0.13 0.00	33.64 0.20 0.00	32.75 0.22 0.00	31.64 0.20 0.00	37.05 0.22 0.00	50.72 0.35 0.00	37.02 0.24 0.00	29.90 0.01 0.00	30.80 -0.28 0.00	33.02 -0.32 0.00	28.86 -0.29 0.00	28.22 -0.33 0.00	30.32 -0.40 0.00	36.99 -0.47 0.00	31.65 -0.31 0.00	133.90 -1.49 0.00	35.96 -0.17 0.00	42.17 0.01 0.00	37.20 0.15 0.00	43.09 0.28 0.00	40.85 0.33 0.00	39.52 0.17 0.00	39.45 0.09 0.00
NPX_GEN_1385_PROXY 323591	54.13 1.74 -16.44	41.84 1.70 -6.78	41.23 1.67 -6.12	41.14 1.57 -7.05	44.57 1.43 -11.70	45.19 1.58 -6.78	51.60 1.23 0.00	37.95 1.17 0.00	31.36 1.46 0.00	40.36 1.97 -7.31	29.24 1.51 5.61	31.94 1.37 -1.42	29.91 1.36 0.00	34.68 1.52 -2.43	39.27 1.80 0.00	31.67 1.55 1.85	134.88 4.83 5.35	40.26 2.08 -2.05	43.14 1.86 0.89	44.29 1.65 -5.59	44.53 1.72 0.00	42.23 1.39 -0.32	48.09 1.81 -6.93	48.91 1.97 -7.59
NPX_GEN_CSC 323557	54.43 1.88 -16.61	41.91 1.69 -6.86	41.37 1.74 -6.19	41.36 1.70 -7.13	44.97 1.70 -11.83	45.70 2.01 -6.86	51.69 1.32 0.00	37.69 0.91 0.00	31.04 1.14 0.00	40.46 1.99 -7.39	29.22 1.49 5.61	32.00 1.42 -1.43	29.81 1.26 0.00	34.72 1.54 -2.46	39.22 1.75 0.00	31.50 1.39 1.85	134.31 4.23 5.32	40.31 2.11 -2.08	43.00 1.73 0.89	44.10 1.37 -5.68	32.39 1.19 11.61	34.58 0.91 6.86	47.88 1.52 -7.01	48.91 1.88 -7.67

NSINS_S_GLNS_FALLS 23858	37.97 2.02 0.00	35.11 1.76 0.00	35.20 1.76 0.00	34.40 1.87 0.00	33.28 1.84 0.00	39.12 2.29 0.00	53.57 3.20 0.00	38.98 2.20 0.00	31.46 1.56 0.00	32.48 1.40 0.00	34.64 1.30 0.00	30.35 1.19 0.00	29.59 1.05 0.00	31.85 1.13 0.00	38.82 1.36 0.00	33.07 1.11 0.00	140.99 5.60 0.00	37.69 1.57 0.00	43.77 1.61 0.00	38.20 1.15 0.00	44.19 1.38 0.00	42.07 1.55 0.00	40.92 1.57 0.00	40.94 1.58 0.00
NUCOR_STEEL____DRP 24197	35.92 -0.09 -0.06	32.88 -0.12 0.35	33.22 -0.22 0.00	32.41 -0.13 0.00	31.38 -0.06 0.00	36.73 -0.10 0.00	50.38 0.00 0.00	36.69 -0.09 0.00	29.73 -0.17 0.00	30.97 -0.11 0.00	33.27 -0.07 0.00	29.26 0.11 0.00	28.65 0.11 0.00	30.90 0.18 0.00	36.98 -0.01 0.48	32.07 0.11 0.00	121.31 0.10 14.18	36.24 0.11 0.00	42.19 0.04 0.00	37.00 -0.05 0.00	42.83 0.02 0.00	39.28 -0.22 1.02	39.13 -0.23 0.00	39.15 -0.22 0.00
NUMBER_THREE_WT_PWR 323818	35.67 -0.31 -0.04	32.82 -0.53 0.00	32.84 -0.60 0.00	32.23 -0.30 0.00	31.22 -0.22 0.00	36.60 -0.23 0.00	49.97 -0.40 0.00	36.07 -0.72 0.00	28.67 -1.23 0.00	29.62 -1.45 0.00	31.82 -1.52 0.00	27.81 -1.35 0.00	27.22 -1.32 0.00	29.35 -1.38 0.00	35.82 -1.64 0.00	30.57 -1.40 0.00	130.94 -4.46 0.00	35.59 -0.54 0.00	41.82 -0.33 0.00	37.09 0.03 0.00	43.08 0.28 0.00	40.78 0.25 0.00	39.58 0.23 0.00	39.43 0.07 0.00
NYISO_LBMP_REFERENCE 24008	35.94 0.00 0.00	33.35 0.00 0.00	33.44 0.00 0.00	32.53 0.00 0.00	31.44 0.00 0.00	36.83 0.00 0.00	50.37 0.00 0.00	36.78 0.00 0.00	29.90 0.00 0.00	31.08 0.00 0.00	33.34 0.00 0.00	29.16 0.00 0.00	28.54 0.00 0.00	30.72 0.00 0.00	37.47 0.00 0.00	31.96 0.00 0.00	135.40 0.00 0.00	36.13 0.00 0.00	42.16 0.00 0.00	37.05 0.00 0.00	42.81 0.00 0.00	40.52 0.00 0.00	39.35 0.00 0.00	39.36 0.00 0.00
NYPA_BRENTWD____GT 24164	55.00 2.17 -16.89	42.43 2.06 -7.00	41.78 2.02 -6.32	41.71 1.91 -7.28	45.32 1.80 -12.08	45.90 2.07 -7.01	52.32 1.94 0.00	38.42 1.64 0.00	31.67 1.77 0.00	40.91 2.29 -7.55	35.14 1.81 0.00	32.24 1.62 -1.46	30.12 1.58 0.00	35.00 1.77 -2.51	39.57 2.10 0.00	33.78 1.82 0.00	136.23 6.09 5.26	40.74 2.49 -2.12	44.59 2.43 0.00	47.55 2.18 -8.31	45.14 2.34 0.00	42.81 1.96 -0.33	48.81 2.29 -7.16	49.61 2.41 -7.83
NYPA_GOWANUS____GT5 24156	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NYPA_GOWANUS____GT6 24157	37.53 1.59 0.00	34.82 1.47 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.61 1.17 0.00	38.30 1.47 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.99 1.45 0.00	32.25 1.53 0.00	39.81 2.35 0.00	33.70 1.74 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.79 0.00	39.51 2.45 0.00	45.51 2.70 0.00	42.76 2.24 0.00	41.62 2.27 0.00	41.59 2.23 0.00
NYPA_HARLEM__RVR__GT1 24160	37.27 1.33 0.00	34.59 1.24 0.00	34.58 1.14 0.00	33.56 1.03 0.00	32.40 0.96 0.00	38.02 1.19 0.00	52.29 1.91 0.00	38.46 1.68 0.01	31.46 1.56 0.00	32.88 1.80 0.00	35.05 1.71 0.00	30.25 1.10 0.00	29.75 1.21 0.00	31.98 1.25 0.00	39.45 1.99 0.00	33.39 1.42 0.00	143.74 8.35 0.00	38.34 2.20 0.00	44.57 2.41 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.40 1.87 0.00	41.27 1.92 0.00	41.28 1.91 0.00
NYPA_HARLEM__RVR__GT2 24161	37.27 1.33 0.00	34.59 1.24 0.00	34.58 1.14 0.00	33.56 1.03 0.00	32.40 0.96 0.00	38.02 1.19 0.00	52.29 1.91 0.00	38.46 1.68 0.01	31.46 1.56 0.00	32.88 1.80 0.00	35.05 1.71 0.00	30.25 1.10 0.00	29.75 1.21 0.00	31.98 1.25 0.00	39.45 1.99 0.00	33.39 1.42 0.00	143.74 8.35 0.00	38.34 2.20 0.00	44.57 2.41 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.40 1.87 0.00	41.27 1.92 0.00	41.28 1.91 0.00
NYPA_KENT____GT 24152	37.46 1.52 0.00	34.76 1.40 0.00	34.75 1.31 0.00	33.71 1.18 0.00	32.54 1.10 0.00	38.22 1.39 0.00	52.62 2.24 0.00	38.69 1.91 0.00	31.61 1.71 0.00	33.04 1.97 0.00	35.24 1.90 0.00	30.46 1.30 0.00	29.95 1.41 0.00	32.19 1.47 0.00	39.74 2.28 0.00	33.62 1.66 0.00	144.67 9.28 0.00	38.61 2.48 0.00	44.86 2.70 0.00	39.40 2.35 0.00	45.38 2.57 0.00	42.65 2.13 0.00	41.50 2.15 0.00	41.49 2.13 0.00
NYPA_POUCH1____GT 24155	37.53 1.58 0.00	34.83 1.48 0.00	34.82 1.38 0.00	33.80 1.27 0.00	32.63 1.19 0.00	38.31 1.49 0.00	52.75 2.38 0.00	38.77 1.99 0.00	31.62 1.73 0.00	33.03 1.95 0.00	35.21 1.87 0.00	30.44 1.28 0.00	29.94 1.39 0.00	32.23 1.51 0.00	39.79 2.33 0.00	33.70 1.74 0.00	144.94 9.54 0.00	38.68 2.55 0.00	44.97 2.82 0.00	39.53 2.48 0.00	45.55 2.74 0.00	42.80 2.28 0.00	41.67 2.31 0.00	41.66 2.29 0.00
NYPA_VERNON____GT2 24162	37.39 1.45 0.00	34.69 1.33 0.00	34.68 1.24 0.00	33.65 1.12 0.00	32.48 1.04 0.00	38.14 1.32 0.00	52.50 2.12 0.00	38.61 1.83 0.00	31.55 1.65 0.00	33.00 1.92 0.00	35.21 1.87 0.00	30.42 1.26 0.00	29.91 1.37 0.00	32.13 1.40 0.00	39.67 2.20 0.00	33.55 1.59 0.00	144.41 9.01 0.00	38.54 2.41 0.00	44.76 2.60 0.00	39.30 2.25 0.00	45.26 2.45 0.00	42.54 2.02 0.00	41.39 2.04 0.00	41.38 2.01 0.00
NYPA_VERNON____GT3 24163	37.39 1.45 0.00	34.69 1.33 0.00	34.68 1.24 0.00	33.65 1.12 0.00	32.48 1.04 0.00	38.14 1.32 0.00	52.50 2.12 0.00	38.61 1.83 0.00	31.55 1.65 0.00	33.00 1.92 0.00	35.21 1.87 0.00	30.42 1.26 0.00	29.91 1.37 0.00	32.13 1.40 0.00	39.67 2.20 0.00	33.55 1.59 0.00	144.41 9.01 0.00	38.54 2.41 0.00	44.76 2.60 0.00	39.30 2.25 0.00	45.26 2.45 0.00	42.54 2.02 0.00	41.39 2.04 0.00	41.38 2.01 0.00
NYPA__ASTORIA_CC1 323568	37.34 1.39 0.00	34.65 1.30 0.00	34.64 1.20 0.00	33.60 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.43 2.05 0.00	38.56 1.78 0.00	31.51 1.61 0.00	32.95 1.87 0.00	35.16 1.82 0.00	30.38 1.22 0.00	29.88 1.34 0.00	32.09 1.37 0.00	39.59 2.13 0.00	33.51 1.55 0.00	144.25 8.85 0.00	38.48 2.35 0.00	44.69 2.53 0.00	39.24 2.19 0.00	45.19 2.38 0.00	42.48 1.96 0.00	41.34 1.98 0.00	41.31 1.95 0.00
NYPA__ASTORIA_CC2 323569	37.34 1.39 0.00	34.65 1.30 0.00	34.64 1.20 0.00	33.60 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.43 2.05 0.00	38.56 1.78 0.00	31.51 1.61 0.00	32.95 1.87 0.00	35.16 1.82 0.00	30.38 1.22 0.00	29.88 1.34 0.00	32.09 1.37 0.00	39.59 2.13 0.00	33.51 1.55 0.00	144.25 8.85 0.00	38.48 2.35 0.00	44.69 2.53 0.00	39.24 2.19 0.00	45.19 2.38 0.00	42.48 1.96 0.00	41.34 1.98 0.00	41.31 1.95 0.00

NYPA___HOLTSVILL 23794	54.44 1.90 -16.60	41.99 1.79 -6.85	41.40 1.79 -6.18	41.34 1.69 -7.12	44.86 1.61 -11.82	45.53 1.85 -6.85	51.86 1.49 0.00	38.03 1.26 0.00	31.38 1.49 0.00	40.52 2.06 -7.38	34.92 1.58 0.00	32.03 1.44 -1.43	29.93 1.38 0.00	34.74 1.57 -2.46	39.32 1.85 0.00	33.52 1.56 0.00	134.78 4.70 5.33	40.40 2.19 -2.07	44.16 2.00 0.00	46.95 1.77 -8.13	44.61 1.80 0.00	42.32 1.48 -0.32	48.22 1.87 -7.00	49.08 2.05 -7.66
NYPA___HELLGATE_GT1 24158	37.27 1.33 0.00	34.59 1.24 0.00	34.58 1.14 0.00	33.56 1.03 0.00	32.40 0.96 0.00	38.02 1.19 0.00	52.29 1.91 0.00	38.46 1.68 0.00	31.46 1.56 0.00	32.88 1.80 0.00	35.05 1.71 0.00	30.25 1.10 0.00	29.75 1.21 0.00	31.98 1.25 0.00	39.45 1.99 0.00	33.39 1.42 0.00	143.74 8.35 0.00	38.34 2.20 0.00	44.57 2.41 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.40 1.87 0.00	41.27 1.92 0.00	41.27 1.91 0.00
NYPA___HELLGATE_GT2 24159	37.27 1.33 0.00	34.59 1.24 0.00	34.58 1.14 0.00	33.56 1.03 0.00	32.40 0.96 0.00	38.02 1.19 0.00	52.29 1.91 0.00	38.46 1.68 0.00	31.46 1.56 0.00	32.88 1.80 0.00	35.05 1.71 0.00	30.25 1.10 0.00	29.75 1.21 0.00	31.98 1.25 0.00	39.45 1.99 0.00	33.39 1.42 0.00	143.74 8.35 0.00	38.34 2.20 0.00	44.57 2.41 0.00	39.18 2.13 0.00	45.06 2.25 0.00	42.40 1.87 0.00	41.27 1.92 0.00	41.27 1.91 0.00
NYS_BARGE___HYD 23848	34.15 -1.80 0.00	30.12 -1.95 1.29	31.75 -1.68 0.00	30.78 -1.75 0.00	29.72 -1.72 0.00	35.12 -1.71 0.00	47.59 -2.79 0.00	34.57 -2.21 0.00	28.79 -1.11 0.00	30.32 -0.76 0.00	32.99 -0.35 0.00	29.05 -0.11 0.00	28.39 -0.15 0.00	30.50 -0.22 0.00	34.54 -1.12 1.81	30.98 -0.98 0.00	72.76 -9.19 53.45	33.67 -2.46 0.00	38.82 -3.34 0.00	34.40 -2.65 0.00	39.71 -3.10 0.00	33.75 -2.98 3.79	36.50 -2.86 0.00	36.68 -2.68 0.00
OAK ORCHARD___HYD 24046	35.20 -0.74 0.00	31.69 -0.85 0.81	32.71 -0.73 0.00	31.76 -0.77 0.00	30.71 -0.73 0.00	36.17 -0.66 0.00	49.40 -0.97 0.00	35.95 -0.83 0.00	29.47 -0.43 0.00	30.89 -0.19 0.00	33.42 0.08 0.00	29.41 0.25 0.00	28.78 0.23 0.00	31.02 0.30 0.00	36.27 -0.06 1.13	31.85 -0.11 0.00	99.13 -2.89 33.37	35.32 -0.81 0.00	40.98 -1.18 0.00	36.17 -0.88 0.00	41.77 -1.04 0.00	37.10 -1.05 2.37	38.26 -1.10 0.00	38.27 -1.09 0.00
OAKDALE___35_KV_LOAD 356122	35.97 0.00 -0.03	34.98 -0.02 -1.64	33.46 0.02 0.00	32.53 0.00 0.00	31.44 0.00 0.00	36.89 0.06 0.00	50.47 0.10 0.00	36.83 0.05 0.00	29.96 0.06 0.00	31.33 0.25 0.00	33.58 0.24 0.00	29.44 0.28 0.00	28.80 0.25 0.00	31.01 0.28 0.00	40.13 0.29 -2.37	32.29 0.33 0.00	206.62 1.05 -70.17	36.49 0.37 0.00	42.46 0.30 0.00	37.32 0.27 0.00	43.01 0.20 0.00	45.40 0.05 -4.82	39.46 0.10 0.00	39.47 0.11 0.00
OCC_CHEM___DRP 24175	33.57 -2.38 0.00	29.52 -2.46 1.37	31.22 -2.22 0.00	30.25 -2.28 0.00	29.21 -2.23 0.00	34.49 -2.34 0.00	46.78 -3.60 0.00	33.95 -2.83 0.00	28.31 -1.59 0.00	29.84 -1.25 0.00	32.54 -0.80 0.00	28.74 -0.42 0.00	28.07 -0.47 0.00	30.10 -0.62 0.00	33.91 -1.63 1.93	30.58 -1.39 0.00	67.32 -11.17 56.91	32.99 -3.14 0.00	38.00 -4.15 0.00	33.65 -3.41 0.00	38.78 -4.03 0.00	32.71 -3.77 4.04	35.72 -3.64 0.00	36.07 -3.29 0.00
OH_GEN_PROXY 24063	33.84 -2.11 0.00	29.75 -2.23 1.37	31.49 -1.95 0.00	30.52 -2.01 0.00	29.46 -1.98 0.00	34.77 -2.06 0.00	47.21 -3.16 0.00	34.35 -2.43 0.00	28.62 -1.28 0.00	30.19 -0.89 5.61	27.14 -0.59 0.00	28.90 -0.26 0.00	28.19 -0.35 0.00	30.25 -0.47 0.00	34.12 -1.40 1.94	28.93 -1.18 1.85	69.35 -9.79 56.25	33.51 -2.62 0.00	37.78 -3.50 0.89	31.76 -2.83 2.46	39.46 -3.35 0.00	33.33 -3.21 3.99	36.26 -3.10 0.00	36.44 -2.92 0.00
OLIN_CORP_DRP 24177	33.67 -2.27 0.00	29.61 -2.36 1.38	31.32 -2.12 0.00	30.35 -2.18 0.00	29.31 -2.13 0.00	34.62 -2.22 0.00	46.82 -3.56 0.00	34.02 -2.76 0.00	28.40 -1.50 0.00	29.93 -1.15 0.00	32.54 -0.80 0.00	28.66 -0.50 0.00	28.02 -0.53 0.00	30.06 -0.67 0.00	33.83 -1.69 1.94	30.53 -1.43 0.00	66.93 -11.30 57.16	33.14 -2.99 0.00	38.17 -3.99 0.00	33.81 -3.24 0.00	38.99 -3.81 0.00	32.85 -3.63 4.05	35.89 -3.47 0.00	36.08 -3.28 0.00
OLIN_CORP_DSASP 323712	33.57 -2.38 0.00	29.52 -2.46 1.37	31.22 -2.22 0.00	30.25 -2.28 0.00	29.21 -2.23 0.00	34.49 -2.34 0.00	46.78 -3.60 0.00	33.95 -2.83 0.00	28.31 -1.59 0.00	29.84 -1.25 0.00	32.54 -0.80 0.00	28.74 -0.42 0.00	28.07 -0.47 0.00	30.10 -0.62 0.00	33.91 -1.63 1.93	30.58 -1.39 0.00	67.32 -11.17 56.91	32.99 -3.14 0.00	38.00 -4.15 0.00	33.65 -3.41 0.00	38.78 -4.03 0.00	32.71 -3.77 4.04	35.72 -3.64 0.00	36.07 -3.29 0.00
ONEIDA_HERK_LFGE 323681	36.40 0.44 -0.03	33.57 0.21 0.00	33.61 0.17 0.00	32.87 0.34 0.00	31.83 0.40 0.00	37.38 0.55 0.00	51.10 0.73 0.00	36.97 0.19 0.00	29.56 -0.34 0.00	30.58 -0.50 0.00	32.78 -0.56 0.00	28.66 -0.50 0.00	28.06 -0.48 0.00	30.24 -0.48 0.00	36.93 -0.53 0.00	31.59 -0.37 0.00	135.00 -0.40 0.00	36.48 0.35 0.00	42.74 0.59 0.00	37.79 0.74 0.00	43.78 0.97 0.00	41.41 0.88 0.00	40.18 0.82 0.00	40.04 0.68 0.00
ONEIDA___115KV_TB4 55905	36.64 0.67 -0.02	33.89 0.54 0.00	33.97 0.53 0.00	33.11 0.58 0.00	32.02 0.58 0.00	37.64 0.81 0.00	51.50 1.13 0.00	37.36 0.58 0.00	30.04 0.15 0.00	31.19 0.11 0.00	33.42 0.08 0.00	29.26 0.11 0.00	28.64 0.10 0.00	30.86 0.14 0.00	37.70 0.24 0.00	32.29 0.33 0.00	137.28 1.88 0.00	36.88 0.75 0.00	43.11 0.95 0.00	38.01 0.96 0.00	43.94 1.13 0.00	41.52 1.00 0.00	40.29 0.93 0.00	40.21 0.85 0.00
ONONDAGA_REF_OCCRA 23987	35.64 -0.35 -0.05	32.99 -0.36 0.00	33.10 -0.34 0.00	32.19 -0.34 0.00	31.13 -0.31 0.00	36.53 -0.30 0.00	49.98 -0.40 0.00	36.43 -0.35 0.00	29.60 -0.30 0.00	30.87 -0.21 0.00	33.18 -0.16 0.00	29.10 -0.06 0.00	28.48 -0.06 0.00	30.68 -0.04 0.00	37.37 -0.10 0.00	31.93 -0.03 0.00	134.95 -0.45 0.00	35.98 -0.15 0.00	41.88 -0.28 0.00	36.85 -0.20 0.00	42.54 -0.27 0.00	40.19 -0.34 0.00	39.04 -0.32 0.00	39.02 -0.34 0.00
ONONDAGA___COGEN 23986	35.59 -0.43 -0.07	32.70 -0.43 0.23	33.02 -0.42 0.00	32.12 -0.40 0.00	31.08 -0.37 0.00	36.44 -0.38 0.00	49.86 -0.51 0.00	36.34 -0.43 0.00	29.52 -0.38 0.00	30.79 -0.28 0.00	33.09 -0.25 0.00	29.04 -0.12 0.00	28.43 -0.11 0.00	30.62 -0.10 0.00	36.98 -0.17 0.31	31.87 -0.09 0.00	125.43 -0.83 9.14	35.91 -0.23 0.00	41.79 -0.37 0.00	36.75 -0.30 0.00	42.43 -0.38 0.00	39.41 -0.45 0.66	38.92 -0.44 0.00	38.91 -0.45 0.00
ONTARIO___LFGE 23819	35.48 -0.49 -0.02	31.66 -0.61 1.09	33.00 -0.44 0.00	32.08 -0.44 0.00	31.06 -0.38 0.00	36.61 -0.22 0.00	50.08 -0.29 0.00	36.45 -0.33 0.00	29.51 -0.39 0.00	30.91 -0.16 0.00	33.17 -0.17 0.00	29.35 0.20 0.00	28.77 0.22 0.00	30.94 0.22 0.00	35.95 0.01 1.52	32.05 0.09 0.00	89.53 -1.15 44.71	36.03 -0.10 0.00	41.79 -0.37 0.00	36.93 -0.12 0.00	42.61 -0.20 0.00	36.87 -0.47 3.18	38.89 -0.46 0.00	38.86 -0.51 0.00

ORANGEVILLE_WT_PWR 323706	34.31 -1.63 0.00	29.71 -1.80 1.84	32.01 -1.43 0.00	31.11 -1.42 0.00	30.09 -1.35 0.00	35.56 -1.27 0.00	48.32 -2.05 0.00	35.10 -1.67 0.00	28.86 -1.04 0.00	30.64 -0.44 0.00	33.20 -0.14 0.00	29.42 0.26 0.00	28.59 0.05 0.00	30.74 0.02 0.00	34.15 -0.74 2.58	31.44 -0.53 0.00	52.83 -6.63 75.94	34.52 -1.61 0.00	39.77 -2.38 0.00	35.33 -1.73 0.00	40.70 -2.11 0.00	32.84 -2.30 5.38	37.16 -2.19 0.00	37.23 -2.13 0.00
ORANGEVILLE___ESR 323794	34.31 -1.63 0.00	29.71 -1.80 1.84	32.01 -1.43 0.00	31.11 -1.42 0.00	30.09 -1.35 0.00	35.56 -1.27 0.00	48.32 -2.05 0.00	35.10 -1.67 0.00	28.86 -1.04 0.00	30.64 -0.44 0.00	33.20 -0.14 0.00	29.42 0.26 0.00	28.59 0.05 0.00	30.74 0.02 0.00	34.15 -0.74 2.58	31.44 -0.53 0.00	52.83 -6.63 75.94	34.52 -1.61 0.00	39.77 -2.38 0.00	35.33 -1.73 0.00	40.70 -2.11 0.00	32.84 -2.30 5.38	37.16 -2.19 0.00	37.23 -2.13 0.00
OSWEGATCHIE___HYD 24044	35.03 -0.95 -0.03	32.30 -1.05 0.00	32.36 -1.08 0.00	31.68 -0.84 0.00	30.67 -0.78 0.00	35.93 -0.90 0.00	49.12 -1.25 0.00	35.53 -1.25 0.00	28.36 -1.53 0.00	29.23 -1.85 0.00	31.41 -1.92 0.00	27.43 -1.73 0.00	26.85 -1.69 0.00	28.93 -1.79 0.00	35.28 -2.18 0.00	30.07 -1.89 0.00	128.02 -7.37 0.00	34.67 -1.46 0.00	40.84 -1.32 0.00	36.17 -0.89 0.00	42.03 -0.79 0.00	39.81 -0.71 0.00	38.65 -0.71 0.00	38.54 -0.83 0.00
OSWEGO___5 23606	35.23 -1.01 -0.30	32.39 -0.96 0.00	32.49 -0.95 0.00	31.61 -0.91 0.00	30.56 -0.88 0.00	35.82 -1.01 0.00	48.97 -1.41 0.00	35.72 -1.06 0.00	29.07 -0.82 0.00	30.35 -0.73 0.00	32.62 -0.71 0.00	28.59 -0.57 0.00	27.98 -0.56 0.00	30.14 -0.58 0.00	36.70 -0.77 0.00	31.33 -0.63 0.00	132.28 -3.12 0.00	35.22 -0.90 0.00	41.00 -1.16 0.00	36.07 -0.99 0.00	41.63 -1.17 0.00	39.37 -1.15 0.00	38.25 -1.11 0.00	38.26 -1.10 0.00
OSWEGO___6 23613	35.23 -1.01 -0.30	32.39 -0.96 0.00	32.49 -0.95 0.00	31.61 -0.91 0.00	30.56 -0.88 0.00	35.82 -1.01 0.00	48.97 -1.41 0.00	35.72 -1.06 0.00	29.07 -0.82 0.00	30.35 -0.73 0.00	32.62 -0.71 0.00	28.59 -0.57 0.00	27.98 -0.56 0.00	30.14 -0.58 0.00	36.70 -0.77 0.00	31.33 -0.63 0.00	132.28 -3.12 0.00	35.22 -0.90 0.00	41.00 -1.16 0.00	36.07 -0.99 0.00	41.63 -1.17 0.00	39.37 -1.15 0.00	38.25 -1.11 0.00	38.26 -1.10 0.00
OUTOKUMPU-AB___DRP 24206	34.38 -1.57 0.00	30.22 -1.74 1.40	31.95 -1.49 0.00	30.98 -1.55 0.00	29.91 -1.53 0.00	35.35 -1.48 0.00	47.97 -2.40 0.00	34.89 -1.89 0.00	29.04 -0.86 0.00	30.64 -0.44 0.00	33.32 -0.02 0.00	29.41 0.25 0.00	28.73 0.19 0.00	30.82 0.09 0.00	34.72 -0.77 1.97	31.31 -0.65 0.00	69.25 -8.08 58.07	33.95 -2.18 0.00	39.12 -3.04 0.00	34.68 -2.37 0.00	39.99 -2.82 0.00	33.70 -2.70 4.12	36.72 -2.63 0.00	36.94 -2.42 0.00
OXBOW___BTM 323836	34.05 -1.89 0.00	29.94 -2.03 1.38	31.67 -1.77 0.00	30.69 -1.84 0.00	29.63 -1.82 0.00	35.01 -1.82 0.00	47.50 -2.88 0.00	34.50 -2.28 0.00	28.74 -1.16 0.00	30.32 -0.76 0.00	33.01 -0.32 0.00	29.16 0.01 0.00	28.46 -0.08 0.00	30.55 -0.17 0.00	34.41 -1.11 1.95	31.02 -0.94 0.00	68.62 -9.29 57.49	33.55 -2.57 0.00	38.66 -3.50 0.00	34.26 -2.80 0.00	39.50 -3.31 0.00	33.30 -3.15 4.08	36.32 -3.04 0.00	36.63 -2.74 0.00
OXBOW___ 24026	34.05 -1.89 0.00	29.95 -2.02 1.38	31.66 -1.78 0.00	30.69 -1.84 0.00	29.63 -1.81 0.00	35.01 -1.82 0.00	47.50 -2.88 0.00	34.51 -2.28 0.00	28.75 -1.15 0.00	30.32 -0.76 0.00	33.01 -0.32 0.00	29.16 0.00 0.00	28.48 -0.06 0.00	30.55 -0.17 0.00	34.42 -1.10 1.95	31.03 -0.93 0.00	68.62 -9.29 57.49	33.56 -2.57 0.00	38.66 -3.50 0.00	34.26 -2.79 0.00	39.50 -3.31 0.00	33.31 -3.14 4.08	36.31 -3.04 0.00	36.60 -2.76 0.00
OXY_CHEM_DSASP 323612	33.57 -2.38 0.00	29.52 -2.46 1.37	31.22 -2.22 0.00	30.25 -2.28 0.00	29.21 -2.23 0.00	34.49 -2.34 0.00	46.78 -3.60 0.00	33.95 -2.83 0.00	28.31 -1.59 0.00	29.84 -1.25 0.00	32.54 -0.80 0.00	28.74 -0.42 0.00	28.07 -0.47 0.00	30.10 -0.62 0.00	33.91 -1.63 1.93	30.58 -1.39 0.00	67.32 -11.17 56.91	32.99 -3.14 0.00	38.00 -4.15 0.00	33.65 -3.41 0.00	38.78 -4.03 0.00	32.71 -3.77 4.04	35.72 -3.64 0.00	36.07 -3.29 0.00
OZONE_PARK_ESR 323760	37.63 1.69 0.00	34.91 1.56 0.00	34.90 1.46 0.00	33.86 1.33 0.00	32.69 1.26 0.00	38.40 1.57 0.00	52.86 2.49 0.00	38.86 2.08 0.00	31.74 1.84 0.00	33.20 2.12 0.00	35.41 2.07 0.00	30.60 1.44 0.00	30.06 1.51 0.00	32.30 1.58 0.00	39.89 2.42 0.00	33.73 1.77 0.00	145.20 9.81 0.00	38.80 2.67 0.00	45.07 2.91 0.00	39.57 2.52 0.00	45.59 2.78 0.00	42.85 2.33 0.00	41.70 2.34 0.00	41.66 2.30 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.57 -2.38 0.00	29.52 -2.46 1.37	31.22 -2.22 0.00	30.25 -2.28 0.00	29.21 -2.23 0.00	34.49 -2.34 0.00	46.78 -3.60 0.00	33.95 -2.83 0.00	28.31 -1.59 0.00	29.84 -1.25 0.00	32.54 -0.80 0.00	28.74 -0.42 0.00	28.07 -0.47 0.00	30.10 -0.62 0.00	33.91 -1.63 1.93	30.58 -1.39 0.00	67.32 -11.17 56.91	32.99 -3.14 0.00	38.00 -4.15 0.00	33.65 -3.41 0.00	38.78 -4.03 0.00	32.71 -3.77 4.04	35.72 -3.64 0.00	36.07 -3.29 0.00
PACKARD___115KV_DUPONT_184 80571	33.56 -2.38 0.00	29.51 -2.47 1.37	31.23 -2.21 0.00	30.24 -2.28 0.00	29.20 -2.24 0.00	34.49 -2.34 0.00	46.78 -3.60 0.00	33.94 -2.84 0.00	28.30 -1.59 0.00	29.83 -1.25 0.00	32.54 -0.80 0.00	28.75 -0.41 0.00	28.05 -0.49 0.00	30.10 -0.62 0.00	33.90 -1.64 1.93	30.57 -1.39 0.00	67.32 -11.17 56.91	32.99 -3.14 0.00	38.00 -4.15 0.00	33.64 -3.41 0.00	38.78 -4.03 0.00	32.71 -3.78 4.04	35.71 -3.64 0.00	36.10 -3.27 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.34 1.39 0.00	34.64 1.29 0.00	34.64 1.21 0.00	33.61 1.09 0.00	32.46 1.03 0.00	38.10 1.27 0.00	52.40 2.03 0.00	38.53 1.76 0.00	31.47 1.58 0.00	32.90 1.82 0.00	35.08 1.74 0.00	30.29 1.13 0.00	29.78 1.24 0.00	32.01 1.29 0.00	39.51 2.04 0.00	33.43 1.47 0.00	143.99 8.59 0.00	38.35 2.22 0.00	44.57 2.41 0.00	39.18 2.13 0.00	45.10 2.29 0.00	42.41 1.89 0.00	41.29 1.93 0.00	41.29 1.92 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.16 2.21 0.00	35.42 2.07 0.00	35.45 2.01 0.00	34.41 1.89 0.00	33.25 1.82 0.00	39.07 2.24 0.00	53.79 3.42 0.00	39.50 2.72 0.00	32.24 2.34 0.00	33.69 2.61 0.00	35.90 2.56 0.00	30.98 1.82 0.00	30.45 1.91 0.00	32.73 2.01 0.00	40.35 2.89 0.00	34.17 2.20 0.00	147.10 11.70 0.00	39.15 3.03 0.00	45.54 3.39 0.00	40.04 2.99 0.00	46.11 3.30 0.00	43.32 2.80 0.00	42.17 2.81 0.00	42.18 2.82 0.00
PATROON___115KV_TB1 80586	36.69 0.75 0.00	34.10 0.75 0.00	34.13 0.69 0.00	33.20 0.67 0.00	32.11 0.66 0.00	37.55 0.72 0.00	51.15 0.77 0.00	37.50 0.71 0.00	30.56 0.66 0.00	31.72 0.64 0.00	33.92 0.58 0.00	29.65 0.49 0.00	29.01 0.46 0.00	31.20 0.48 0.00	38.10 0.63 0.00	32.51 0.55 0.00	138.41 3.02 0.00	36.94 0.81 0.00	43.10 0.94 0.00	37.74 0.69 0.00	43.52 0.71 0.00	41.26 0.74 0.00	40.12 0.76 0.00	40.17 0.80 0.00

PATTRSNVILLE___SOLAR 323815	37.06 1.12 0.00	34.39 1.04 0.00	34.46 1.02 0.00	33.52 0.99 0.00	32.39 0.95 0.00	37.98 1.15 0.00	51.95 1.57 0.00	37.62 0.84 0.00	30.27 0.37 0.00	31.32 0.24 0.00	33.52 0.18 0.00	29.29 0.13 0.00	28.68 0.13 0.00	30.88 0.16 0.00	37.71 0.25 0.00	32.25 0.29 0.00	137.59 2.20 0.00	36.98 0.85 0.00	43.38 1.22 0.00	38.16 1.11 0.00	44.13 1.32 0.00	41.78 1.26 0.00	40.60 1.24 0.00	40.59 1.23 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.33 -1.62 0.00	29.98 -1.78 1.59	31.96 -1.48 0.00	31.02 -1.51 0.00	29.93 -1.51 0.00	35.38 -1.45 0.00	48.11 -2.27 0.00	35.05 -1.73 0.00	29.08 -0.82 0.00	30.80 -0.27 0.00	33.32 -0.02 0.00	29.44 0.28 0.00	28.73 0.18 0.00	30.79 0.07 0.00	34.46 -0.76 2.25	31.41 -0.55 0.00	62.20 -7.22 65.98	34.29 -1.85 0.00	39.50 -2.66 0.00	35.05 -2.00 0.00	40.41 -2.40 0.00	33.42 -2.42 4.68	37.00 -2.36 0.00	37.09 -2.28 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.50 1.55 0.00	34.82 1.46 0.00	34.81 1.38 0.00	33.78 1.25 0.00	32.62 1.18 0.00	38.31 1.48 0.00	52.66 2.28 0.00	38.63 1.85 0.00	31.46 1.56 0.00	32.81 1.74 0.00	35.00 1.66 0.00	30.39 1.23 0.00	29.82 1.27 0.00	32.06 1.34 0.00	39.37 1.91 0.00	33.52 1.56 0.00	143.52 8.12 0.00	38.38 2.25 0.00	44.69 2.53 0.00	39.22 2.17 0.00	45.24 2.43 0.00	42.58 2.06 0.00	41.45 2.09 0.00	41.43 2.06 0.00
PEEKSKILL____ 23653	37.21 1.26 0.00	34.55 1.20 0.00	34.55 1.11 0.00	33.53 1.01 0.00	32.37 0.93 0.00	37.99 1.16 0.00	52.22 1.85 0.00	38.31 1.53 0.00	31.23 1.34 0.00	32.62 1.55 0.00	34.79 1.46 0.00	30.20 1.04 0.00	29.66 1.12 0.00	31.90 1.17 0.00	39.23 1.76 0.00	33.33 1.37 0.00	142.82 7.42 0.00	38.14 2.01 0.00	44.35 2.19 0.00	38.95 1.90 0.00	44.91 2.10 0.00	42.24 1.72 0.00	41.13 1.77 0.00	41.15 1.79 0.00
PGE MADISON___WINDPWR 24146	38.15 2.18 -0.03	35.74 2.11 -0.28	35.62 2.18 0.00	34.69 2.16 0.00	33.67 2.23 0.00	39.77 2.94 0.00	54.93 4.56 0.00	39.55 2.77 0.00	31.36 1.46 0.00	32.30 1.22 0.00	34.45 1.12 0.00	30.24 1.09 0.00	29.55 1.01 0.00	31.94 1.22 0.00	39.60 1.59 -0.54	33.89 1.93 0.00	160.65 9.27 -15.98	39.28 3.16 0.00	46.07 3.91 0.00	40.56 3.51 0.00	46.72 3.91 0.00	44.75 3.40 -0.83	42.52 3.16 0.00	42.37 3.01 0.00
PIERCEFIELD___HYD 23852	35.11 -0.85 -0.02	32.51 -0.84 0.00	32.60 -0.84 0.00	31.78 -0.75 0.00	30.74 -0.70 0.00	36.04 -0.79 0.00	49.37 -1.00 0.00	35.83 -0.95 0.00	28.77 -1.12 0.00	29.62 -1.46 0.00	31.78 -1.56 0.00	27.74 -1.42 0.00	27.14 -1.41 0.00	29.23 -1.49 0.00	35.62 -1.84 0.00	30.38 -1.58 0.00	128.77 -6.63 0.00	34.69 -1.44 0.00	40.91 -1.25 0.00	36.18 -0.88 0.00	42.01 -0.80 0.00	39.82 -0.70 0.00	38.56 -0.80 0.00	38.48 -0.88 0.00
PINELAWN_CC_1 323563	56.15 2.03 -18.17	42.94 1.96 -7.62	42.22 1.91 -6.87	42.24 1.80 -7.92	46.27 1.68 -13.14	46.39 1.94 -7.62	52.26 1.88 0.00	38.42 1.64 0.00	31.60 1.70 0.00	41.44 2.15 -8.21	35.02 1.69 0.00	32.24 1.49 -1.59	30.05 1.50 0.00	35.14 1.68 -2.73	39.46 1.99 0.00	33.68 1.71 0.00	136.17 5.76 4.98	40.82 2.38 -2.31	44.50 2.34 0.00	48.22 2.12 -9.04	45.13 2.33 0.00	42.84 1.96 -0.36	49.38 2.24 -7.79	50.21 2.32 -8.52
PJM_GEN_HTP_PROXY 323702	37.08 1.43 0.29	34.69 1.33 0.00	34.68 1.24 0.00	33.65 1.12 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.11 0.00	38.57 1.79 0.00	31.51 1.61 0.00	38.70 1.88 -5.74	38.80 1.82 -3.64	30.39 1.23 0.00	29.87 1.33 0.00	32.10 1.37 0.00	40.47 2.16 -0.85	31.08 1.56 2.45	144.16 8.86 0.09	38.17 2.39 0.35	43.36 2.58 1.38	39.25 2.20 0.00	45.23 2.42 0.00	42.52 2.00 0.00	41.38 2.03 0.00	41.37 2.00 0.00
PJM_GEN_KEystone 24065	35.41 -0.25 0.29	32.20 -0.32 0.83	33.23 -0.21 0.00	32.25 -0.28 0.00	31.13 -0.31 0.00	36.28 -0.20 0.35	50.70 -0.26 -0.58	36.67 -0.11 0.00	30.04 0.14 0.00	37.39 0.57 -5.74	37.52 0.54 -3.64	29.66 0.50 0.00	29.01 0.47 0.00	31.18 0.45 0.00	37.52 0.39 0.33	29.84 0.33 2.45	101.58 0.33 34.15	35.94 0.15 0.35	40.65 -0.13 1.38	37.09 0.03 0.00	42.76 -0.05 0.00	37.75 -0.37 2.41	39.10 -0.26 0.00	39.20 -0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	53.08 1.82 -15.32	41.55 1.74 -6.45	40.95 1.70 -5.82	40.82 1.59 -6.70	44.04 1.48 -11.12	44.96 1.68 -6.45	52.01 1.63 0.00	38.22 1.44 0.00	31.48 1.58 0.00	45.81 2.04 -12.69	38.56 1.58 -3.64	31.96 1.45 -1.35	30.01 1.47 0.00	34.65 1.62 -2.31	40.23 1.93 -0.84	31.18 1.66 2.45	135.49 5.70 5.60	40.01 2.28 -1.60	42.94 2.16 1.38	46.64 1.94 -7.65	44.91 2.11 0.00	42.57 1.75 -0.30	47.94 1.99 -6.59	48.65 2.08 -7.21
PJM_GEN_VFT_PROXY 323633	37.00 1.35 0.29	34.61 1.26 0.00	34.60 1.16 0.00	33.57 1.04 0.00	32.41 0.98 0.00	38.05 1.22 0.00	52.38 2.01 0.00	38.48 1.70 0.00	31.43 1.53 0.00	38.62 1.80 -5.74	38.71 1.74 -3.64	30.32 1.16 0.00	29.81 1.26 0.00	32.02 1.30 0.00	40.37 2.06 -0.85	30.99 1.48 2.45	143.79 8.48 0.09	38.07 2.28 0.35	43.25 2.47 1.38	39.18 2.12 0.00	45.13 2.32 0.00	42.41 1.89 0.00	41.28 1.92 0.00	41.28 1.92 0.00
PLATSBURG_115KV_PMLD1 355749	36.41 0.47 0.00	33.81 0.46 0.00	33.99 0.55 0.00	33.10 0.58 0.00	32.01 0.57 0.00	37.55 0.72 0.00	51.30 0.92 0.00	37.45 0.67 0.00	30.33 0.43 0.00	31.20 0.12 0.00	33.31 -0.03 0.00	29.16 0.01 0.00	28.46 -0.08 0.00	30.60 -0.12 0.00	37.37 -0.09 0.00	32.01 0.05 0.00	135.61 0.21 0.00	36.41 0.28 0.00	42.65 0.49 0.00	37.60 0.55 0.00	43.58 0.77 0.00	41.35 0.83 0.00	40.01 0.66 0.00	39.91 0.55 0.00
PLEASANTVLY___LBMP 24000	37.09 1.14 0.00	34.44 1.09 0.00	34.45 1.01 0.00	33.42 0.89 0.00	32.25 0.82 0.00	37.84 1.01 0.00	51.95 1.58 0.00	38.11 1.33 0.00	31.07 1.17 0.00	32.40 1.32 0.00	34.59 1.25 0.00	30.07 0.91 0.00	29.52 0.97 0.00	31.74 1.02 0.00	38.98 1.52 0.00	33.19 1.23 0.00	141.91 6.51 0.00	37.86 1.73 0.00	44.07 1.91 0.00	38.66 1.61 0.00	44.59 1.78 0.00	42.00 1.48 0.00	40.93 1.57 0.00	40.96 1.59 0.00
PLSNTVLE_13_KV_13.8KV DIST 80602	37.37 1.43 0.00	34.69 1.33 0.00	34.70 1.26 0.00	33.67 1.14 0.00	32.51 1.07 0.00	38.15 1.32 0.00	52.41 2.03 0.00	38.49 1.71 0.00	31.39 1.50 0.00	32.80 1.72 0.00	34.98 1.65 0.00	30.35 1.19 0.00	29.80 1.25 0.00	32.03 1.31 0.00	39.42 1.96 0.00	33.47 1.51 0.00	143.39 8.00 0.00	38.33 2.20 0.00	44.57 2.41 0.00	39.11 2.06 0.00	45.09 2.28 0.00	42.41 1.89 0.00	41.30 1.94 0.00	41.31 1.94 0.00
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	37.37 1.43 0.00	34.69 1.33 0.00	34.70 1.26 0.00	33.67 1.14 0.00	32.51 1.07 0.00	38.15 1.32 0.00	52.41 2.03 0.00	38.49 1.71 0.00	31.39 1.50 0.00	32.80 1.72 0.00	34.98 1.65 0.00	30.35 1.19 0.00	29.80 1.25 0.00	32.03 1.31 0.00	39.42 1.96 0.00	33.47 1.51 0.00	143.39 8.00 0.00	38.33 2.20 0.00	44.57 2.41 0.00	39.11 2.06 0.00	45.09 2.28 0.00	42.41 1.89 0.00	41.30 1.94 0.00	41.31 1.94 0.00

PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.39 1.45 0.00	34.71 1.36 0.00	34.72 1.29 0.00	33.70 1.17 0.00	32.54 1.10 0.00	38.17 1.35 0.00	52.44 2.06 0.00	38.44 1.66 0.00	31.28 1.38 0.00	32.56 1.48 0.00	34.73 1.39 0.00	30.21 1.05 0.00	29.63 1.08 0.00	31.86 1.14 0.00	39.09 1.63 0.00	33.32 1.36 0.00	142.70 7.31 0.00	38.10 1.97 0.00	44.42 2.26 0.00	39.00 1.94 0.00	44.99 2.18 0.00	42.39 1.86 0.00	41.27 1.92 0.00	41.26 1.90 0.00
POLETTI____ 23519	37.34 1.40 0.00	34.64 1.29 0.00	34.64 1.21 0.00	33.61 1.08 0.00	32.44 1.01 0.00	38.10 1.27 0.00	52.42 2.04 0.00	38.51 1.73 0.00	31.47 1.57 0.00	32.92 1.85 0.00	35.13 1.79 0.00	30.31 1.15 0.00	29.79 1.24 0.00	32.01 1.29 0.00	39.59 2.13 0.00	33.42 1.46 0.00	144.10 8.71 0.00	38.49 2.36 0.00	44.69 2.52 0.00	39.20 2.15 0.00	45.16 2.35 0.00	42.46 1.94 0.00	41.32 1.97 0.00	41.32 1.95 0.00
POMONA____ESR 323819	37.25 1.30 0.00	34.59 1.23 0.00	34.59 1.15 0.00	33.59 1.06 0.00	32.41 0.98 0.00	38.04 1.22 0.00	52.32 1.95 0.00	38.36 1.58 0.00	31.25 1.35 0.00	32.64 1.56 0.00	34.83 1.49 0.00	30.25 1.09 0.00	29.72 1.18 0.00	31.95 1.23 0.00	39.30 1.84 0.00	33.41 1.45 0.00	143.12 7.73 0.00	38.19 2.06 0.00	44.43 2.27 0.00	39.02 1.97 0.00	45.00 2.19 0.00	42.30 1.78 0.00	41.18 1.83 0.00	41.22 1.85 0.00
PORT_JEFF_3 23555	54.55 1.99 -16.61	42.07 1.86 -6.86	41.49 1.86 -6.19	41.42 1.76 -7.13	44.96 1.69 -11.83	45.64 1.95 -6.86	52.00 1.63 0.00	38.12 1.35 0.00	31.44 1.55 0.00	40.59 2.13 -7.39	34.99 1.65 0.00	32.09 1.50 -1.43	29.98 1.43 0.00	34.80 1.62 -2.46	39.38 1.91 0.00	33.58 1.62 0.00	135.06 4.99 5.32	40.49 2.28 -2.08	44.28 2.12 0.00	47.06 1.87 -8.14	44.72 1.92 0.00	42.43 1.59 -0.32	48.35 1.98 -7.01	49.19 2.15 -7.67
PORT_JEFF_4 23616	54.55 1.99 -16.61	42.07 1.86 -6.86	41.49 1.86 -6.19	41.42 1.76 -7.13	44.96 1.69 -11.83	45.64 1.95 -6.86	52.00 1.63 0.00	38.12 1.35 0.00	31.44 1.55 0.00	40.59 2.13 -7.39	34.99 1.65 0.00	32.09 1.50 -1.43	29.98 1.43 0.00	34.80 1.62 -2.46	39.38 1.91 0.00	33.58 1.62 0.00	135.06 4.99 5.32	40.49 2.28 -2.08	44.28 2.12 0.00	47.06 1.87 -8.14	44.72 1.92 0.00	42.43 1.59 -0.32	48.35 1.98 -7.01	49.19 2.15 -7.67
PORT_JEFF_IC 23713	54.62 2.02 -16.66	42.12 1.89 -6.88	41.54 1.90 -6.21	41.47 1.79 -7.15	45.03 1.72 -11.87	45.70 1.99 -6.88	52.04 1.67 0.00	38.14 1.36 0.00	31.45 1.56 0.00	40.64 2.15 -7.42	35.01 1.67 0.00	32.11 1.52 -1.44	29.98 1.43 0.00	34.82 1.64 -2.47	39.39 1.93 0.00	33.60 1.63 0.00	135.21 5.12 5.31	40.54 2.32 -2.08	44.33 2.17 0.00	47.12 1.90 -8.17	47.49 1.95 -2.73	44.14 1.61 -2.01	48.41 2.02 -7.03	49.27 2.21 -7.70
PPL PILGRIM_ST_GT1 24216	55.00 2.17 -16.89	42.43 2.06 -7.00	41.78 2.02 -6.32	41.71 1.91 -7.28	45.32 1.80 -12.08	45.90 2.07 -7.01	52.32 1.94 0.00	38.42 1.64 0.00	31.67 1.77 0.00	40.91 2.29 -7.55	35.14 1.81 0.00	32.24 1.62 -1.46	30.12 1.58 0.00	35.00 1.77 -2.51	39.57 2.10 0.00	33.78 1.82 0.00	136.23 6.09 5.26	40.74 2.49 -2.12	44.59 2.43 0.00	47.55 2.18 -8.31	45.14 2.34 0.00	42.81 1.96 -0.33	48.81 2.29 -7.16	49.61 2.41 -7.83
PPL PILGRIM_ST_GT2 24217	55.00 2.17 -16.89	42.43 2.06 -7.00	41.78 2.02 -6.32	41.71 1.91 -7.28	45.32 1.80 -12.08	45.90 2.07 -7.01	52.32 1.94 0.00	38.42 1.64 0.00	31.67 1.77 0.00	40.91 2.29 -7.55	35.14 1.81 0.00	32.24 1.62 -1.46	30.12 1.58 0.00	35.00 1.77 -2.51	39.57 2.10 0.00	33.78 1.82 0.00	136.23 6.09 5.26	40.74 2.49 -2.12	44.59 2.43 0.00	47.55 2.18 -8.31	45.14 2.34 0.00	42.81 1.96 -0.33	48.81 2.29 -7.16	49.61 2.41 -7.83
PPL_SHRM_GT3 24213	54.47 1.89 -16.64	41.93 1.71 -6.87	41.39 1.75 -6.20	41.38 1.71 -7.14	45.01 1.72 -11.85	45.71 2.01 -6.87	51.72 1.34 0.00	37.72 0.94 0.00	31.06 1.17 0.00	40.48 1.99 -7.40	34.83 1.49 0.00	32.01 1.42 -1.44	29.81 1.27 0.00	34.72 1.53 -2.46	39.22 1.76 0.00	33.36 1.39 0.00	134.31 4.23 5.32	40.32 2.11 -2.08	43.91 1.75 0.00	46.61 1.40 -8.15	37.94 1.25 6.11	38.02 0.95 3.46	47.93 1.55 -7.02	48.95 1.90 -7.69
PPL_SHRM_GT4 24214	54.47 1.89 -16.64	41.93 1.71 -6.87	41.39 1.75 -6.20	41.38 1.71 -7.14	45.01 1.72 -11.85	45.71 2.01 -6.87	51.72 1.34 0.00	37.72 0.94 0.00	31.06 1.17 0.00	40.48 1.99 -7.40	34.83 1.49 0.00	32.01 1.42 -1.44	29.81 1.27 0.00	34.72 1.53 -2.46	39.22 1.76 0.00	33.36 1.39 0.00	134.31 4.23 5.32	40.32 2.11 -2.08	43.91 1.75 0.00	46.61 1.40 -8.15	37.94 1.25 6.11	38.02 0.95 3.46	47.93 1.55 -7.02	48.95 1.90 -7.69
PROJECT____ORANGE 1 24174	35.40 -0.58 -0.04	32.78 -0.57 0.00	32.88 -0.56 0.00	31.98 -0.55 0.00	30.93 -0.51 0.00	36.28 -0.55 0.00	49.61 -0.76 0.00	36.18 -0.60 0.00	29.44 -0.46 0.00	30.73 -0.35 0.00	33.04 -0.29 0.00	28.98 -0.17 0.00	28.37 -0.18 0.00	30.56 -0.16 0.00	37.21 -0.25 0.00	31.79 -0.17 0.00	134.17 -1.23 0.00	35.75 -0.38 0.00	41.58 -0.58 0.00	36.58 -0.47 0.00	42.22 -0.59 0.00	39.90 -0.62 0.00	38.76 -0.59 0.00	38.75 -0.61 0.00
PROJECT____ORANGE 2 24166	35.40 -0.58 -0.04	32.78 -0.57 0.00	32.88 -0.56 0.00	31.98 -0.55 0.00	30.93 -0.51 0.00	36.28 -0.55 0.00	49.61 -0.76 0.00	36.18 -0.60 0.00	29.44 -0.46 0.00	30.73 -0.35 0.00	33.04 -0.29 0.00	28.98 -0.17 0.00	28.37 -0.18 0.00	30.56 -0.16 0.00	37.21 -0.25 0.00	31.79 -0.17 0.00	134.17 -1.23 0.00	35.75 -0.38 0.00	41.58 -0.58 0.00	36.58 -0.47 0.00	42.22 -0.59 0.00	39.90 -0.62 0.00	38.76 -0.59 0.00	38.75 -0.61 0.00
PUCKETT____SOLAR 323809	36.44 0.47 -0.03	34.95 0.42 -1.18	33.91 0.47 0.00	32.96 0.43 0.00	31.87 0.43 0.00	37.48 0.65 0.00	51.45 1.08 0.00	37.42 0.64 0.00	30.20 0.30 0.00	31.39 0.31 0.00	33.60 0.25 0.00	29.50 0.34 0.00	28.79 0.25 0.00	31.08 0.36 0.00	39.75 0.53 -1.75	32.58 0.62 0.00	190.07 2.81 -51.87	37.14 1.01 0.00	43.35 1.19 0.00	38.09 1.04 0.00	43.86 1.05 0.00	44.80 0.81 -3.46	40.19 0.83 0.00	40.15 0.78 0.00
PYRITES____HYD 24023	35.95 0.00 -0.01	33.29 -0.07 0.00	33.38 -0.06 0.00	32.53 0.00 0.00	31.47 0.03 0.00	36.95 0.13 0.00	50.61 0.24 0.00	36.50 -0.28 0.00	29.20 -0.70 0.00	30.06 -1.03 0.00	32.24 -1.10 0.00	28.14 -1.01 0.00	27.54 -1.00 0.00	29.68 -1.05 0.00	36.14 -1.32 0.00	30.82 -1.14 0.00	130.80 -4.60 0.00	35.25 -0.88 0.00	41.81 -0.35 0.00	37.09 0.04 0.00	43.10 0.29 0.00	40.81 0.29 0.00	39.50 0.15 0.00	39.39 0.03 0.00
QUAKERRD_115KV_BK1 80622	34.48 -1.47 0.00	31.15 -1.49 0.72	32.04 -1.40 0.00	31.13 -1.40 0.00	30.10 -1.34 0.00	35.42 -1.41 0.00	48.40 -1.97 0.00	35.25 -1.53 0.00	28.84 -1.05 0.00	30.19 -0.89 0.00	32.61 -0.72 0.00	28.68 -0.48 0.00	28.08 -0.47 0.00	30.25 -0.47 0.00	35.56 -0.91 1.00	31.18 -0.78 0.00	100.53 -5.32 29.54	34.69 -1.44 0.00	40.30 -1.86 0.00	35.52 -1.53 0.00	41.01 -1.80 0.00	36.64 -1.78 2.10	37.57 -1.79 0.00	37.57 -1.80 0.00

QUENSBRY_I15KV_TB8 356137	38.01 2.07 0.00	35.12 1.77 0.00	35.23 1.79 0.00	34.45 1.92 0.00	33.33 1.89 0.00	39.20 2.38 0.00	53.72 3.34 0.00	39.09 2.31 0.00	31.53 1.63 0.00	32.54 1.46 0.00	34.65 1.32 0.00	30.38 1.23 0.00	29.60 1.06 0.00	31.88 1.16 0.00	38.87 1.40 0.00	33.12 1.16 0.00	141.23 5.83 0.00	37.76 1.63 0.00	43.81 1.65 0.00	38.22 1.16 0.00	44.21 1.41 0.00	42.10 1.58 0.00	40.95 1.60 0.00	40.95 1.58 0.00
RAMAPO____LBMP 323565	37.11 1.17 0.00	34.63 1.11 -0.17	34.48 1.04 0.00	33.47 0.94 0.00	32.30 0.86 0.00	37.92 1.09 0.00	52.14 1.76 0.00	38.23 1.46 0.00	31.13 1.23 0.00	32.51 1.43 0.00	34.69 1.35 0.00	30.12 0.96 0.00	29.60 1.05 0.00	31.83 1.10 0.00	39.14 1.67 0.00	33.26 1.30 0.00	142.45 7.05 0.00	38.00 1.87 0.00	44.22 2.06 0.00	38.85 1.80 0.00	44.81 2.01 0.00	42.61 1.60 -0.49	41.01 1.65 0.00	41.07 1.71 0.00
RANKINE____ 23646	34.46 -1.48 0.00	30.16 -1.66 1.54	32.10 -1.34 0.00	31.14 -1.39 0.00	30.07 -1.37 0.00	35.56 -1.27 0.00	48.31 -2.07 0.00	35.21 -1.57 0.00	29.24 -0.66 0.00	30.93 -0.15 0.00	33.48 0.15 0.00	29.59 0.43 0.00	28.87 0.33 0.00	30.95 0.23 0.00	34.68 -0.61 2.17	31.50 -0.47 0.00	64.24 -7.06 64.09	34.34 -1.79 0.00	39.57 -2.59 0.00	35.08 -1.97 0.00	40.42 -2.38 0.00	33.60 -2.38 4.54	37.02 -2.33 0.00	37.15 -2.22 0.00
RAVENSWOOD_GT2_1 24244	37.35 1.41 0.00	34.65 1.30 0.00	34.64 1.21 0.00	33.61 1.08 0.00	32.45 1.01 0.00	38.10 1.27 0.00	52.43 2.05 0.00	38.52 1.74 0.00	31.47 1.57 0.00	32.92 1.85 0.00	35.12 1.79 0.00	30.33 1.17 0.00	29.80 1.26 0.00	32.03 1.30 0.00	39.59 2.12 0.00	33.45 1.49 0.00	144.10 8.70 0.00	38.48 2.35 0.00	44.70 2.54 0.00	39.20 2.15 0.00	45.18 2.37 0.00	42.47 1.95 0.00	41.33 1.98 0.00	41.32 1.96 0.00
RAVENSWOOD_GT2_2 24245	37.35 1.41 0.00	34.65 1.30 0.00	34.64 1.21 0.00	33.61 1.08 0.00	32.45 1.01 0.00	38.10 1.27 0.00	52.43 2.05 0.00	38.52 1.74 0.00	31.47 1.57 0.00	32.92 1.85 0.00	35.12 1.79 0.00	30.33 1.17 0.00	29.80 1.26 0.00	32.03 1.30 0.00	39.59 2.12 0.00	33.45 1.49 0.00	144.10 8.70 0.00	38.48 2.35 0.00	44.70 2.54 0.00	39.20 2.15 0.00	45.18 2.37 0.00	42.47 1.95 0.00	41.33 1.98 0.00	41.32 1.96 0.00
RAVENSWOOD_GT2_3 24246	37.37 1.42 0.00	34.67 1.31 0.00	34.66 1.23 0.00	33.63 1.11 0.00	32.47 1.03 0.00	38.13 1.30 0.00	52.45 2.07 0.00	38.53 1.76 0.00	31.49 1.59 0.00	32.94 1.86 0.00	35.14 1.80 0.00	30.34 1.18 0.00	29.82 1.27 0.00	32.05 1.33 0.00	39.61 2.15 0.00	33.47 1.51 0.00	144.22 8.82 0.00	38.50 2.37 0.00	44.70 2.54 0.00	39.22 2.17 0.00	45.20 2.39 0.00	42.48 1.96 0.00	41.35 1.99 0.00	41.35 1.98 0.00
RAVENSWOOD_GT2_4 24247	37.37 1.42 0.00	34.67 1.31 0.00	34.66 1.23 0.00	33.63 1.11 0.00	32.47 1.03 0.00	38.13 1.30 0.00	52.45 2.07 0.00	38.53 1.76 0.00	31.49 1.59 0.00	32.94 1.86 0.00	35.14 1.80 0.00	30.34 1.18 0.00	29.82 1.27 0.00	32.05 1.33 0.00	39.61 2.15 0.00	33.47 1.51 0.00	144.22 8.82 0.00	38.50 2.37 0.00	44.70 2.54 0.00	39.22 2.17 0.00	45.20 2.39 0.00	42.48 1.96 0.00	41.35 1.99 0.00	41.35 1.98 0.00
RAVENSWOOD_GT3_1 24248	37.37 1.42 0.00	34.66 1.31 0.00	34.66 1.23 0.00	33.63 1.11 0.00	32.47 1.03 0.00	38.13 1.30 0.00	52.45 2.07 0.00	38.53 1.76 0.00	31.48 1.58 0.00	32.92 1.85 0.00	35.12 1.79 0.00	30.36 1.20 0.00	29.83 1.29 0.00	32.06 1.33 0.00	39.59 2.12 0.00	33.49 1.53 0.00	144.11 8.72 0.00	38.48 2.35 0.00	44.70 2.54 0.00	39.22 2.16 0.00	45.20 2.40 0.00	42.48 1.96 0.00	41.35 2.00 0.00	41.35 1.98 0.00
RAVENSWOOD_GT3_2 24249	37.37 1.42 0.00	34.66 1.31 0.00	34.66 1.23 0.00	33.63 1.11 0.00	32.47 1.03 0.00	38.13 1.30 0.00	52.45 2.07 0.00	38.53 1.76 0.00	31.48 1.58 0.00	32.92 1.85 0.00	35.12 1.79 0.00	30.36 1.20 0.00	29.83 1.29 0.00	32.06 1.33 0.00	39.59 2.12 0.00	33.49 1.53 0.00	144.11 8.72 0.00	38.48 2.35 0.00	44.70 2.54 0.00	39.22 2.16 0.00	45.20 2.40 0.00	42.48 1.96 0.00	41.35 2.00 0.00	41.35 1.98 0.00
RAVENSWOOD_GT3_3 24250	37.41 1.46 0.00	34.71 1.36 0.00	34.71 1.27 0.00	33.67 1.14 0.00	32.51 1.07 0.00	38.17 1.34 0.00	52.51 2.14 0.00	38.59 1.81 0.00	31.52 1.63 0.00	32.98 1.90 0.00	35.18 1.84 0.00	30.41 1.25 0.00	29.88 1.34 0.00	32.11 1.39 0.00	39.66 2.20 0.00	33.54 1.58 0.00	144.37 8.97 0.00	38.55 2.42 0.00	44.77 2.61 0.00	39.28 2.23 0.00	45.26 2.45 0.00	42.55 2.03 0.00	41.41 2.05 0.00	41.40 2.03 0.00
RAVENSWOOD_GT3_4 24251	37.41 1.46 0.00	34.71 1.36 0.00	34.71 1.27 0.00	33.67 1.14 0.00	32.51 1.07 0.00	38.17 1.34 0.00	52.51 2.14 0.00	38.59 1.81 0.00	31.52 1.63 0.00	32.98 1.90 0.00	35.18 1.84 0.00	30.41 1.25 0.00	29.88 1.34 0.00	32.11 1.39 0.00	39.66 2.20 0.00	33.54 1.58 0.00	144.37 8.97 0.00	38.55 2.42 0.00	44.77 2.61 0.00	39.28 2.23 0.00	45.26 2.45 0.00	42.55 2.03 0.00	41.41 2.05 0.00	41.40 2.03 0.00
RAVENSWOOD_GT_1 23729	37.39 1.45 0.00	34.69 1.33 0.00	34.68 1.24 0.00	33.64 1.12 0.00	32.48 1.04 0.00	38.15 1.32 0.00	52.49 2.12 0.00	38.61 1.83 0.00	31.55 1.65 0.00	32.99 1.91 0.00	35.21 1.87 0.00	30.42 1.26 0.00	29.91 1.36 0.00	32.13 1.41 0.00	39.67 2.20 0.00	33.55 1.59 0.00	144.40 9.00 0.00	38.54 2.41 0.00	44.76 2.60 0.00	39.30 2.25 0.00	45.26 2.46 0.00	42.54 2.01 0.00	41.39 2.04 0.00	41.38 2.02 0.00
RAVENSWOOD_GT_10 24258	37.35 1.41 0.00	34.65 1.30 0.00	34.64 1.21 0.00	33.61 1.08 0.00	32.45 1.01 0.00	38.10 1.27 0.00	52.43 2.05 0.00	38.52 1.74 0.00	31.47 1.57 0.00	32.92 1.85 0.00	35.11 1.78 0.00	30.33 1.17 0.00	29.80 1.26 0.00	32.02 1.30 0.00	39.59 2.12 0.00	33.45 1.49 0.00	144.10 8.70 0.00	38.48 2.35 0.00	44.69 2.53 0.00	39.20 2.15 0.00	45.17 2.37 0.00	42.47 1.95 0.00	41.33 1.98 0.00	41.32 1.96 0.00
RAVENSWOOD_GT_11 24259	37.35 1.41 0.00	34.65 1.30 0.00	34.64 1.21 0.00	33.61 1.08 0.00	32.45 1.01 0.00	38.10 1.27 0.00	52.43 2.05 0.00	38.52 1.74 0.00	31.47 1.57 0.00	32.92 1.85 0.00	35.11 1.78 0.00	30.33 1.17 0.00	29.80 1.26 0.00	32.02 1.30 0.00	39.59 2.12 0.00	33.45 1.49 0.00	144.10 8.70 0.00	38.48 2.35 0.00	44.69 2.53 0.00	39.20 2.15 0.00	45.17 2.37 0.00	42.47 1.95 0.00	41.33 1.98 0.00	41.32 1.96 0.00
RAVENSWOOD_GT_4 24252	37.36 1.42 0.00	34.66 1.31 0.00	34.66 1.22 0.00	33.62 1.10 0.00	32.46 1.02 0.00	38.12 1.29 0.00	52.44 2.07 0.00	38.54 1.76 0.00	31.49 1.59 0.00	32.93 1.86 0.00	35.14 1.80 0.00	30.36 1.21 0.00	29.84 1.30 0.00	32.06 1.34 0.00	39.60 2.14 0.00	33.49 1.53 0.00	144.12 8.72 0.00	38.49 2.36 0.00	44.70 2.54 0.00	39.24 2.19 0.00	45.20 2.39 0.00	42.48 1.96 0.00	41.35 1.99 0.00	41.34 1.98 0.00

RAVENSWOOD_GT_5 24254	37.36 1.42 0.00	34.66 1.31 0.00	34.66 1.22 0.00	33.62 1.10 0.00	32.46 1.02 0.00	38.12 1.29 0.00	52.44 2.07 0.00	38.54 1.76 0.00	31.49 1.59 0.00	32.93 1.86 0.00	35.14 1.80 0.00	30.36 1.21 0.00	29.84 1.30 0.00	32.06 1.34 0.00	39.60 2.14 0.00	33.49 1.53 0.00	144.12 8.72 0.00	38.49 2.36 0.00	44.70 2.54 0.00	39.24 2.19 0.00	45.20 2.39 0.00	42.48 1.96 0.00	41.35 1.99 0.00	41.34 1.98 0.00
RAVENSWOOD_GT_6 24253	37.36 1.42 0.00	34.66 1.31 0.00	34.66 1.22 0.00	33.62 1.10 0.00	32.46 1.02 0.00	38.12 1.29 0.00	52.44 2.07 0.00	38.54 1.76 0.00	31.49 1.59 0.00	32.93 1.86 0.00	35.14 1.80 0.00	30.36 1.21 0.00	29.84 1.30 0.00	32.06 1.34 0.00	39.60 2.14 0.00	33.49 1.53 0.00	144.12 8.72 0.00	38.49 2.36 0.00	44.70 2.54 0.00	39.24 2.19 0.00	45.20 2.39 0.00	42.48 1.96 0.00	41.35 1.99 0.00	41.34 1.98 0.00
RAVENSWOOD_GT_7 24255	37.36 1.42 0.00	34.66 1.31 0.00	34.66 1.22 0.00	33.62 1.10 0.00	32.46 1.02 0.00	38.12 1.29 0.00	52.44 2.07 0.00	38.54 1.76 0.00	31.49 1.59 0.00	32.93 1.86 0.00	35.14 1.80 0.00	30.36 1.21 0.00	29.84 1.30 0.00	32.06 1.34 0.00	39.60 2.14 0.00	33.49 1.53 0.00	144.12 8.72 0.00	38.49 2.36 0.00	44.70 2.54 0.00	39.24 2.19 0.00	45.20 2.39 0.00	42.48 1.96 0.00	41.35 1.99 0.00	41.34 1.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.35 1.41 0.00	34.65 1.30 0.00	34.64 1.21 0.00	33.61 1.08 0.00	32.45 1.01 0.00	38.10 1.27 0.00	52.43 2.05 0.00	38.52 1.74 0.00	31.47 1.57 0.00	32.92 1.85 0.00	35.11 1.78 0.00	30.33 1.17 0.00	29.80 1.26 0.00	32.02 1.30 0.00	39.59 2.12 0.00	33.45 1.49 0.00	144.10 8.70 0.00	38.48 2.35 0.00	44.69 2.53 0.00	39.20 2.15 0.00	45.17 2.37 0.00	42.47 1.95 0.00	41.33 1.98 0.00	41.32 1.96 0.00
RAVENSWOOD_GT_9 24257	37.35 1.41 0.00	34.65 1.30 0.00	34.64 1.21 0.00	33.61 1.08 0.00	32.45 1.01 0.00	38.10 1.27 0.00	52.43 2.05 0.00	38.52 1.74 0.00	31.47 1.57 0.00	32.92 1.85 0.00	35.11 1.78 0.00	30.33 1.17 0.00	29.80 1.26 0.00	32.02 1.30 0.00	39.59 2.12 0.00	33.45 1.49 0.00	144.10 8.70 0.00	38.48 2.35 0.00	44.69 2.53 0.00	39.20 2.15 0.00	45.17 2.37 0.00	42.47 1.95 0.00	41.33 1.98 0.00	41.32 1.96 0.00
RAVENSWOOD___1 23533	37.38 1.43 0.00	34.68 1.33 0.00	34.66 1.23 0.00	33.64 1.11 0.00	32.47 1.04 0.00	38.14 1.31 0.00	52.48 2.10 0.00	38.59 1.81 0.00	31.53 1.63 0.00	32.98 1.90 0.00	35.18 1.85 0.00	30.40 1.24 0.00	29.90 1.36 0.00	32.11 1.39 0.00	39.64 2.18 0.00	33.54 1.58 0.00	144.39 8.99 0.00	38.53 2.40 0.00	44.74 2.58 0.00	39.28 2.23 0.00	45.24 2.43 0.00	42.52 2.00 0.00	41.37 2.02 0.00	41.36 1.99 0.00
RAVENSWOOD___2 23534	37.36 1.42 0.00	34.66 1.31 0.00	34.65 1.21 0.00	33.62 1.09 0.00	32.46 1.02 0.00	38.12 1.29 0.00	52.45 2.08 0.00	38.58 1.80 0.00	31.52 1.62 0.00	32.97 1.89 0.00	35.17 1.84 0.00	30.40 1.24 0.00	29.89 1.35 0.00	32.10 1.38 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.27 8.88 0.00	38.51 2.38 0.00	44.73 2.57 0.00	39.27 2.22 0.00	45.22 2.42 0.00	42.51 1.98 0.00	41.37 2.01 0.00	41.34 1.98 0.00
RAVENSWOOD___3 23535	37.36 1.42 0.00	34.66 1.31 0.00	34.65 1.21 0.00	33.63 1.10 0.00	32.46 1.02 0.00	38.11 1.28 0.00	52.44 2.07 0.00	38.54 1.76 0.00	31.48 1.58 0.00	32.93 1.85 0.00	35.12 1.78 0.00	30.34 1.18 0.00	29.82 1.28 0.00	32.05 1.33 0.00	39.59 2.12 0.00	33.47 1.51 0.00	144.11 8.72 0.00	38.48 2.35 0.00	44.70 2.54 0.00	39.21 2.16 0.00	45.18 2.38 0.00	42.48 1.96 0.00	41.34 1.99 0.00	41.33 1.97 0.00
RAVENSWOOD___4 23820	37.36 1.42 0.00	34.66 1.31 0.00	34.65 1.21 0.00	33.62 1.09 0.00	32.46 1.02 0.00	38.12 1.29 0.00	52.45 2.08 0.00	38.58 1.80 0.00	31.52 1.62 0.00	32.97 1.89 0.00	35.17 1.84 0.00	30.40 1.24 0.00	29.89 1.35 0.00	32.10 1.38 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.27 8.88 0.00	38.51 2.38 0.00	44.73 2.57 0.00	39.27 2.22 0.00	45.22 2.42 0.00	42.51 1.98 0.00	41.37 2.01 0.00	41.34 1.98 0.00
RCPL_TRUST___DRP 24196	37.38 1.43 0.00	34.68 1.33 0.00	34.68 1.24 0.00	33.64 1.12 0.00	32.48 1.04 0.00	38.14 1.31 0.00	52.50 2.12 0.00	38.57 1.79 0.00	31.51 1.61 0.00	32.96 1.88 0.00	35.17 1.83 0.00	30.40 1.25 0.00	29.87 1.33 0.00	32.11 1.39 0.00	39.65 2.18 0.00	33.54 1.58 0.00	144.27 8.87 0.00	38.53 2.40 0.00	44.75 2.59 0.00	39.26 2.21 0.00	45.25 2.44 0.00	42.52 2.00 0.00	41.38 2.03 0.00	41.38 2.02 0.00
RED___ROCHESTER 323720	35.44 -0.50 0.00	31.90 -0.65 0.81	32.92 -0.52 0.00	31.96 -0.57 0.00	30.90 -0.54 0.00	36.42 -0.41 0.00	49.76 -0.62 0.00	36.21 -0.57 0.00	29.68 -0.21 0.00	31.11 0.03 0.00	33.67 0.34 0.00	29.64 0.48 0.00	28.99 0.45 0.00	31.25 0.53 0.00	36.55 0.21 1.13	32.08 0.12 0.00	100.36 -1.94 33.10	35.60 -0.53 0.00	41.32 -0.84 0.00	36.46 -0.60 0.00	42.11 -0.70 0.00	37.42 -0.75 2.35	38.54 -0.82 0.00	38.54 -0.83 0.00
REGAN___SOLAR 323812	37.69 1.74 0.00	34.96 1.61 0.00	35.06 1.61 0.00	34.09 1.56 0.00	32.94 1.51 0.00	38.70 1.87 0.00	53.01 2.64 0.00	37.74 0.96 0.00	29.64 -0.25 0.00	30.49 -0.59 0.00	32.60 -0.74 0.00	28.46 -0.70 0.00	27.89 -0.66 0.00	30.07 -0.65 0.00	37.00 -0.73 -0.26	31.62 -0.34 0.00	143.81 0.68 -7.73	37.32 1.19 0.00	44.04 1.88 0.00	39.04 1.98 0.00	45.26 2.45 0.00	42.75 2.22 0.00	41.43 2.08 0.00	41.35 1.99 0.00
RENSSELAER___COGEN 23796	36.50 0.55 0.00	33.93 0.58 0.00	33.95 0.51 0.00	33.04 0.51 0.00	31.94 0.50 0.00	37.36 0.53 0.00	50.89 0.51 0.00	37.29 0.51 0.00	30.40 0.50 0.00	31.57 0.49 0.00	33.77 0.43 0.00	29.51 0.35 0.00	28.88 0.34 0.00	31.07 0.35 0.00	37.95 0.48 0.00	32.36 0.40 0.00	137.61 2.21 0.00	36.72 0.60 0.00	42.87 0.71 0.00	37.55 0.50 0.00	43.29 0.48 0.00	41.05 0.53 0.00	39.93 0.58 0.00	39.97 0.60 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.97 3.03 0.00	35.91 2.55 0.00	35.94 2.50 0.00	35.44 2.91 0.00	34.31 2.87 0.00	40.59 3.76 0.00	55.94 5.57 0.00	40.47 3.69 0.00	32.52 2.63 0.00	33.35 2.28 0.00	35.01 1.67 0.00	30.75 1.60 0.00	29.90 1.35 0.00	32.16 1.44 0.00	39.44 1.97 0.00	33.89 1.92 0.00	145.62 10.22 0.00	39.12 2.99 0.00	45.58 3.43 0.00	39.72 2.66 0.00	46.18 3.37 0.00	43.83 3.30 0.00	42.59 3.23 0.00	42.44 3.08 0.00
REVERE_CPPR_DRP 24186	36.95 0.99 -0.02	34.14 0.78 0.00	34.20 0.76 0.00	33.37 0.84 0.00	32.29 0.85 0.00	37.97 1.14 0.00	51.95 1.57 0.00	37.58 0.80 0.00	30.11 0.21 0.00	31.19 0.11 0.00	33.38 0.05 0.00	29.22 0.06 0.00	28.59 0.05 0.00	30.84 0.12 0.00	37.69 0.23 0.00	32.33 0.37 0.00	137.85 2.45 0.00	37.13 1.00 0.00	43.47 1.31 0.00	38.39 1.34 0.00	44.40 1.59 0.00	41.97 1.45 0.00	40.72 1.37 0.00	40.59 1.22 0.00

REYNLDPA_13_KV_LD 356490	36.21 0.27 0.00	33.59 0.24 0.00	33.70 0.27 0.00	32.78 0.26 0.00	31.69 0.25 0.00	37.14 0.31 0.00	50.94 0.57 0.00	37.07 0.29 0.00	30.02 0.12 0.00	31.00 -0.08 0.00	33.25 -0.09 0.00	29.04 -0.12 0.00	28.42 -0.12 0.00	30.59 -0.13 0.00	37.25 -0.21 0.00	31.77 -0.19 0.00	133.94 -1.46 0.00	36.01 -0.12 0.00	42.27 0.11 0.00	37.28 0.22 0.00	43.14 0.33 0.00	40.86 0.34 0.00	39.50 0.15 0.00	39.55 0.19 0.00
REYNOLDS_115KV_TB3 80639	36.83 0.89 0.00	34.23 0.87 0.00	34.25 0.81 0.00	33.33 0.80 0.00	32.21 0.78 0.00	37.67 0.84 0.00	51.35 0.97 0.00	37.60 0.82 0.00	30.68 0.78 0.00	31.85 0.77 0.00	34.08 0.74 0.00	29.81 0.65 0.00	29.15 0.61 0.00	31.37 0.65 0.00	38.32 0.85 0.00	32.64 0.68 0.00	138.92 3.52 0.00	36.98 0.86 0.00	43.18 1.02 0.00	37.78 0.73 0.00	43.61 0.81 0.00	41.40 0.87 0.00	40.28 0.92 0.00	40.34 0.98 0.00
RIVERBAY____ 323610	38.16 2.21 0.00	35.42 2.07 0.00	35.45 2.01 0.00	34.41 1.89 0.00	33.25 1.82 0.00	39.07 2.24 0.00	53.79 3.42 0.00	39.50 2.72 0.00	32.24 2.34 0.00	33.69 2.61 0.00	35.90 2.56 0.00	30.98 1.82 0.00	30.45 1.91 0.00	32.73 2.01 0.00	40.35 2.89 0.00	34.17 2.20 0.00	147.10 11.70 0.00	39.15 3.03 0.00	45.54 3.39 0.00	40.04 2.99 0.00	46.11 3.30 0.00	43.32 2.80 0.00	42.17 2.81 0.00	42.18 2.82 0.00
RIVERSDE_115KV_TB3 55908	36.72 0.77 0.00	34.12 0.77 0.00	34.15 0.71 0.00	33.23 0.70 0.00	32.12 0.68 0.00	37.56 0.73 0.00	51.19 0.82 0.00	37.50 0.72 0.00	30.59 0.69 0.00	31.75 0.67 0.00	33.97 0.64 0.00	29.71 0.55 0.00	29.06 0.51 0.00	31.26 0.54 0.00	38.18 0.71 0.00	32.54 0.58 0.00	138.53 3.13 0.00	36.92 0.79 0.00	43.10 0.94 0.00	37.71 0.66 0.00	43.52 0.71 0.00	41.28 0.76 0.00	40.16 0.81 0.00	40.21 0.84 0.00
ROARING__BROOK_WT_PWR 323790	35.85 -0.10 0.00	33.16 -0.19 0.00	33.27 -0.17 0.00	32.45 -0.07 0.00	31.41 -0.03 0.00	36.75 -0.08 0.00	50.30 -0.07 0.00	36.76 -0.02 0.00	29.87 -0.03 0.00	31.00 -0.08 0.00	33.26 -0.08 0.00	29.07 -0.09 0.00	28.46 -0.08 0.00	30.62 -0.10 0.00	37.34 -0.12 0.00	31.86 -0.11 0.00	135.00 -0.40 0.00	36.04 -0.09 0.00	42.08 -0.08 0.00	37.02 -0.03 0.00	42.81 0.00 0.00	40.52 0.00 0.00	39.33 -0.03 0.00	39.33 -0.04 0.00
ROCHESRG_115KV_T4 355643	35.05 -0.89 0.00	31.59 -0.98 0.78	32.57 -0.87 0.00	31.63 -0.90 0.00	30.57 -0.87 0.00	36.01 -0.82 0.00	49.16 -1.22 0.00	35.79 -0.99 0.00	29.35 -0.55 0.00	30.76 -0.32 0.00	33.27 -0.07 0.00	29.26 0.11 0.00	28.64 0.10 0.00	30.85 0.13 0.00	36.10 -0.27 1.10	31.71 -0.25 0.00	99.50 -3.55 32.35	35.17 -0.96 0.00	40.81 -1.35 0.00	36.00 -1.05 0.00	41.57 -1.24 0.00	36.99 -1.24 2.30	38.09 -1.26 0.00	38.10 -1.26 0.00
ROCHESTER_9_IC 23652	35.30 -0.64 0.00	31.78 -0.76 0.81	32.79 -0.65 0.00	31.84 -0.68 0.00	30.79 -0.65 0.00	36.28 -0.55 0.00	49.55 -0.82 0.00	36.06 -0.72 0.00	29.57 -0.33 0.00	30.99 -0.09 0.00	33.54 0.20 0.00	29.51 0.35 0.00	28.88 0.33 0.00	31.12 0.40 0.00	36.39 0.05 1.13	31.95 -0.01 0.00	99.67 -2.59 33.14	35.43 -0.70 0.00	41.11 -1.05 0.00	36.28 -0.77 0.00	41.90 -0.91 0.00	37.24 -0.93 2.36	38.37 -0.98 0.00	38.37 -1.00 0.00
ROCKVIEW_13_KV_LD 356306	37.46 1.51 0.00	34.76 1.41 0.00	34.76 1.32 0.00	33.73 1.20 0.00	32.57 1.13 0.00	38.22 1.39 0.00	52.53 2.16 0.00	38.56 1.78 0.00	31.47 1.57 0.00	32.88 1.80 0.00	35.08 1.74 0.00	30.42 1.26 0.00	29.86 1.33 0.00	32.11 1.39 0.00	39.53 2.07 0.00	33.55 1.58 0.00	143.79 8.39 0.00	38.44 2.31 0.00	44.69 2.53 0.00	39.23 2.18 0.00	45.24 2.43 0.00	42.54 2.01 0.00	41.41 2.06 0.00	41.42 2.06 0.00
ROME_____115KV_TB2 80656	36.95 0.99 -0.02	34.14 0.78 0.00	34.20 0.76 0.00	33.37 0.84 0.00	32.29 0.85 0.00	37.97 1.14 0.00	51.95 1.57 0.00	37.58 0.80 0.00	30.11 0.21 0.00	31.19 0.11 0.00	33.38 0.05 0.00	29.22 0.06 0.00	28.59 0.05 0.00	30.84 0.12 0.00	37.69 0.23 0.00	32.33 0.37 0.00	137.85 2.45 0.00	37.13 1.00 0.00	43.47 1.31 0.00	38.39 1.34 0.00	44.40 1.59 0.00	41.97 1.45 0.00	40.72 1.37 0.00	40.59 1.22 0.00
ROSETON____1 23587	37.05 1.11 0.00	34.43 1.07 0.00	34.43 0.99 0.00	33.41 0.88 0.00	32.25 0.81 0.00	37.83 1.01 0.00	51.94 1.57 0.00	38.09 1.31 0.00	31.04 1.14 0.00	32.37 1.29 0.00	34.55 1.21 0.00	30.04 0.88 0.00	29.49 0.95 0.00	31.71 0.99 0.00	38.94 1.48 0.00	33.15 1.19 0.00	141.77 6.38 0.00	37.83 1.70 0.00	44.04 1.88 0.00	38.64 1.59 0.00	44.56 1.75 0.00	41.98 1.46 0.00	40.89 1.54 0.00	40.92 1.56 0.00
ROSETON____2 23588	37.05 1.11 0.00	34.43 1.07 0.00	34.43 0.99 0.00	33.41 0.88 0.00	32.25 0.81 0.00	37.83 1.01 0.00	51.94 1.57 0.00	38.09 1.31 0.00	31.04 1.14 0.00	32.37 1.29 0.00	34.55 1.21 0.00	30.04 0.88 0.00	29.49 0.95 0.00	31.71 0.99 0.00	38.94 1.48 0.00	33.15 1.19 0.00	141.77 6.38 0.00	37.83 1.70 0.00	44.04 1.88 0.00	38.64 1.59 0.00	44.56 1.75 0.00	41.98 1.46 0.00	40.89 1.54 0.00	40.92 1.56 0.00
ROTTTRDAM_115KV_TB3 80664	36.85 0.91 0.00	34.21 0.86 0.00	34.27 0.83 0.00	33.34 0.81 0.00	32.22 0.79 0.00	37.74 0.91 0.00	51.61 1.23 0.00	37.63 0.85 0.00	30.52 0.62 0.00	31.67 0.58 0.00	33.91 0.57 0.00	29.63 0.48 0.00	29.00 0.45 0.00	31.20 0.48 0.00	38.11 0.65 0.00	32.50 0.54 0.00	138.36 2.96 0.00	36.97 0.85 0.00	43.19 1.03 0.00	37.88 0.82 0.00	43.76 0.96 0.00	41.48 0.96 0.00	40.33 0.97 0.00	40.35 0.98 0.00
RUSSELL____1 23602	35.44 -0.50 0.00	31.91 -0.64 0.81	32.91 -0.53 0.00	31.96 -0.57 0.00	30.90 -0.54 0.00	36.42 -0.41 0.00	49.75 -0.62 0.00	36.21 -0.57 0.00	29.68 -0.21 0.00	31.11 0.03 0.00	33.67 0.34 0.00	29.64 0.48 0.00	29.00 0.46 0.00	31.25 0.53 0.00	36.55 0.21 1.13	32.09 0.13 0.00	100.25 -2.05 33.10	35.60 -0.53 0.00	41.31 -0.84 0.00	36.46 -0.60 0.00	42.10 -0.71 0.00	37.42 -0.75 2.35	38.54 -0.81 0.00	38.53 -0.84 0.00
RUSSELL____2 23532	35.44 -0.50 0.00	31.91 -0.64 0.81	32.91 -0.53 0.00	31.96 -0.57 0.00	30.90 -0.54 0.00	36.42 -0.41 0.00	49.75 -0.62 0.00	36.21 -0.57 0.00	29.68 -0.21 0.00	31.11 0.03 0.00	33.67 0.34 0.00	29.64 0.48 0.00	29.00 0.46 0.00	31.25 0.53 0.00	36.55 0.21 1.13	32.09 0.13 0.00	100.25 -2.05 33.10	35.60 -0.53 0.00	41.31 -0.84 0.00	36.46 -0.60 0.00	42.10 -0.71 0.00	37.42 -0.75 2.35	38.54 -0.81 0.00	38.53 -0.84 0.00
RUSSELL____3 23549	35.44 -0.50 0.00	31.91 -0.64 0.81	32.91 -0.53 0.00	31.96 -0.57 0.00	30.90 -0.54 0.00	36.42 -0.41 0.00	49.75 -0.62 0.00	36.21 -0.57 0.00	29.68 -0.21 0.00	31.11 0.03 0.00	33.67 0.34 0.00	29.64 0.48 0.00	29.00 0.46 0.00	31.25 0.53 0.00	36.55 0.21 1.13	32.09 0.13 0.00	100.25 -2.05 33.10	35.60 -0.53 0.00	41.31 -0.84 0.00	36.46 -0.60 0.00	42.10 -0.71 0.00	37.42 -0.75 2.35	38.54 -0.81 0.00	38.53 -0.84 0.00

RUSSELL___4 23556	35.44 -0.50 0.00	31.91 -0.64 0.81	32.91 -0.53 0.00	31.96 -0.57 0.00	30.90 -0.54 0.00	36.42 -0.41 0.00	49.75 -0.62 0.00	36.21 -0.57 0.00	29.68 -0.21 0.00	31.11 0.03 0.00	33.67 0.34 0.00	29.64 0.48 0.00	29.00 0.46 0.00	31.25 0.53 0.00	36.55 0.21 1.13	32.09 0.13 0.00	100.25 -2.05 33.10	35.60 -0.53 0.00	41.31 -0.84 0.00	36.46 -0.60 0.00	42.10 -0.71 0.00	37.42 -0.75 2.35	38.54 -0.81 0.00	38.53 -0.84 0.00
RUSSELL___STATION 23914	35.44 -0.50 0.00	31.91 -0.64 0.81	32.91 -0.53 0.00	31.96 -0.57 0.00	30.90 -0.54 0.00	36.42 -0.41 0.00	49.75 -0.62 0.00	36.21 -0.57 0.00	29.68 -0.21 0.00	31.11 0.03 0.00	33.67 0.34 0.00	29.64 0.48 0.00	29.00 0.46 0.00	31.25 0.53 0.00	36.55 0.21 1.13	32.09 0.13 0.00	100.25 -2.05 33.10	35.60 -0.53 0.00	41.31 -0.84 0.00	36.46 -0.60 0.00	42.10 -0.71 0.00	37.42 -0.75 2.35	38.54 -0.81 0.00	38.53 -0.84 0.00
S SALMON___HYD 24043	35.16 -0.89 -0.11	32.23 -1.12 0.00	32.25 -1.19 0.00	31.78 -0.75 0.00	30.76 -0.68 0.00	35.86 -0.97 0.00	48.85 -1.53 0.00	35.33 -1.45 0.00	28.24 -1.66 0.00	29.51 -1.57 0.00	31.81 -1.52 0.00	27.89 -1.27 0.00	27.34 -1.20 0.00	29.45 -1.28 0.00	35.86 -1.60 0.00	30.49 -1.48 0.00	129.32 -6.08 0.00	35.05 -1.09 0.00	41.13 -1.03 0.00	36.29 -0.76 0.00	42.06 -0.74 0.00	39.78 -0.75 0.00	38.55 -0.81 0.00	38.49 -0.87 0.00
S.PERRY___115KV_TB1 80734	36.08 0.13 0.00	31.60 -0.11 1.65	33.58 0.15 0.00	32.62 0.10 0.00	31.59 0.15 0.00	37.38 0.54 0.00	51.06 0.69 0.00	36.92 0.14 0.00	29.81 -0.09 0.00	31.44 0.36 0.00	34.21 0.88 0.00	30.41 1.26 0.00	29.48 0.94 0.00	31.78 1.05 0.00	35.98 0.80 2.28	32.73 0.76 0.00	68.57 0.24 67.06	36.40 0.27 0.00	42.11 -0.05 0.00	37.48 0.42 0.00	43.31 0.50 0.00	35.99 0.22 4.76	39.46 0.11 0.00	39.36 0.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.19 -1.75 0.00	30.00 -1.90 1.45	31.83 -1.61 0.00	30.86 -1.67 0.00	29.79 -1.65 0.00	35.20 -1.63 0.00	47.78 -2.59 0.00	34.81 -1.98 0.00	28.96 -0.93 0.00	30.60 -0.48 0.00	33.20 -0.14 0.00	29.31 0.15 0.00	28.60 0.06 0.00	30.68 -0.05 0.00	34.48 -0.94 2.05	31.20 -0.76 0.00	66.68 -8.28 60.44	33.95 -2.18 0.00	39.14 -3.02 0.00	34.68 -2.37 0.00	39.98 -2.83 0.00	33.49 -2.75 4.29	36.69 -2.67 0.00	36.83 -2.53 0.00
SAWYER___23_KV_LOAD 55526	34.19 -1.75 0.00	30.00 -1.90 1.45	31.83 -1.61 0.00	30.86 -1.67 0.00	29.79 -1.65 0.00	35.20 -1.63 0.00	47.78 -2.59 0.00	34.81 -1.98 0.00	28.96 -0.93 0.00	30.60 -0.48 0.00	33.20 -0.14 0.00	29.31 0.15 0.00	28.60 0.06 0.00	30.68 -0.05 0.00	34.48 -0.94 2.05	31.20 -0.76 0.00	66.68 -8.28 60.44	33.95 -2.18 0.00	39.14 -3.02 0.00	34.68 -2.37 0.00	39.98 -2.83 0.00	33.49 -2.75 4.29	36.69 -2.67 0.00	36.83 -2.53 0.00
SELKIRK___I 23801	36.83 0.89 0.00	34.24 0.89 0.00	34.28 0.84 0.00	33.36 0.82 0.00	32.23 0.80 0.00	37.72 0.89 0.00	51.44 1.07 0.00	37.55 0.77 0.00	30.50 0.60 0.00	31.68 0.61 0.00	33.90 0.56 0.00	29.61 0.45 0.00	28.95 0.41 0.00	31.18 0.45 0.00	38.06 0.59 0.00	32.52 0.56 0.00	138.35 2.96 0.00	36.90 0.77 0.00	43.17 1.01 0.00	37.85 0.80 0.00	43.67 0.86 0.00	41.38 0.85 0.00	40.27 0.92 0.00	40.31 0.94 0.00
SELKIRK___II 23799	36.60 0.65 0.00	34.02 0.67 0.00	34.04 0.61 0.00	33.12 0.60 0.00	32.01 0.58 0.00	37.45 0.62 0.00	51.09 0.72 0.00	37.40 0.62 0.00	30.47 0.57 0.00	31.66 0.58 0.00	33.87 0.53 0.00	29.59 0.44 0.00	28.96 0.42 0.00	31.17 0.44 0.00	38.08 0.62 0.00	32.47 0.51 0.00	138.12 2.72 0.00	36.84 0.71 0.00	43.01 0.85 0.00	37.69 0.63 0.00	43.48 0.67 0.00	41.18 0.66 0.00	40.08 0.72 0.00	40.11 0.75 0.00
SENECA OSWGO___HYD 24041	34.86 -1.22 -0.13	32.19 -1.17 0.00	32.29 -1.15 0.00	31.42 -1.11 0.00	30.37 -1.06 0.00	35.61 -1.22 0.00	48.70 -1.68 0.00	35.53 -1.25 0.00	28.89 -1.01 0.00	30.11 -0.97 0.00	32.36 -0.98 0.00	28.34 -0.81 0.00	27.75 -0.79 0.00	29.92 -0.80 0.00	36.48 -0.99 0.00	31.15 -0.81 0.00	131.44 -3.96 0.00	35.04 -1.09 0.00	40.78 -1.38 0.00	35.90 -1.15 0.00	41.44 -1.37 0.00	39.21 -1.31 0.00	38.07 -1.29 0.00	38.07 -1.29 0.00
SENECA___115KV_TB3 355854	34.52 -1.43 0.00	30.21 -1.61 1.54	32.16 -1.28 0.00	31.20 -1.33 0.00	30.12 -1.32 0.00	35.63 -1.20 0.00	48.39 -1.98 0.00	35.26 -1.52 0.00	29.29 -0.61 0.00	30.98 -0.10 0.00	33.55 0.21 0.00	29.65 0.50 0.00	28.91 0.36 0.00	31.00 0.28 0.00	34.76 -0.54 2.17	31.54 -0.42 0.00	64.49 -6.82 64.09	34.39 -1.74 0.00	39.63 -2.53 0.00	35.14 -1.91 0.00	40.50 -2.31 0.00	33.64 -2.33 4.54	37.09 -2.27 0.00	37.23 -2.14 0.00
SENECA___ENERGY 23797	35.39 -0.60 -0.05	32.08 -0.67 0.61	32.84 -0.60 0.00	31.96 -0.57 0.00	30.92 -0.52 0.00	36.37 -0.46 0.00	49.80 -0.58 0.00	36.27 -0.51 0.00	29.39 -0.51 0.00	30.70 -0.38 0.00	33.01 -0.33 0.00	29.09 -0.06 0.00	28.59 0.05 0.00	30.77 0.04 0.00	36.48 -0.15 0.84	31.87 -0.09 0.00	109.31 -1.40 24.69	35.81 -0.31 0.00	41.60 -0.56 0.00	36.66 -0.40 0.00	42.32 -0.49 0.00	38.10 -0.66 1.76	38.69 -0.66 0.00	38.67 -0.69 0.00
SHOEMAKER___GT 23640	37.01 1.06 0.00	34.55 1.02 -0.18	34.39 0.95 0.00	33.39 0.86 0.00	32.23 0.80 0.00	37.83 1.00 0.00	51.94 1.57 0.00	38.04 1.26 0.00	30.91 1.01 0.00	32.18 1.10 0.00	34.33 0.99 0.00	29.85 0.69 0.00	29.31 0.77 0.00	31.52 0.80 0.00	38.95 1.24 -0.24	32.94 0.98 0.00	148.25 5.62 -7.24	37.70 1.57 0.00	43.97 1.82 0.00	38.64 1.59 0.00	44.56 1.76 0.00	42.48 1.44 -0.52	40.85 1.49 0.00	40.88 1.51 0.00
SHOEMAKR_138KV_BK 111 55601	37.00 1.05 0.00	34.53 1.00 -0.18	34.38 0.94 0.00	33.37 0.85 0.00	32.22 0.79 0.00	37.81 0.98 0.00	51.93 1.55 0.00	38.03 1.25 0.00	30.93 1.03 0.00	32.22 1.14 0.00	34.37 1.04 0.00	29.89 0.73 0.00	29.33 0.79 0.00	31.56 0.83 0.00	39.00 1.29 -0.25	32.98 1.02 0.00	148.44 5.75 -7.29	37.73 1.60 0.00	43.97 1.82 0.00	38.64 1.58 0.00	44.56 1.75 0.00	42.48 1.43 -0.53	40.84 1.48 0.00	40.88 1.51 0.00
SHOREHAM_IC_1 23715	54.47 1.89 -16.64	41.93 1.71 -6.87	41.39 1.75 -6.20	41.38 1.71 -7.14	45.01 1.72 -11.85	45.71 2.01 -6.87	51.72 1.34 0.00	37.72 0.94 0.00	31.06 1.17 0.00	40.48 1.99 -7.40	34.83 1.49 0.00	32.01 1.42 -1.44	29.81 1.27 0.00	34.72 1.53 -2.46	39.22 1.76 0.00	33.36 1.39 0.00	134.31 4.23 5.32	40.32 2.11 -2.08	43.91 1.75 0.00	46.61 1.40 -8.15	37.94 1.25 6.11	38.02 0.95 3.46	47.93 1.55 -7.02	48.95 1.90 -7.69
SHOREHAM_IC_2 23716	54.47 1.89 -16.64	41.93 1.71 -6.87	41.39 1.75 -6.20	41.38 1.71 -7.14	45.01 1.72 -11.85	45.71 2.01 -6.87	51.72 1.34 0.00	37.72 0.94 0.00	31.06 1.17 0.00	40.48 1.99 -7.40	34.83 1.49 0.00	32.01 1.42 -1.44	29.81 1.27 0.00	34.72 1.53 -2.46	39.22 1.76 0.00	33.36 1.39 0.00	134.31 4.23 5.32	40.32 2.11 -2.08	43.91 1.75 0.00	46.61 1.40 -8.15	37.94 1.25 6.11	38.02 0.95 3.46	47.93 1.55 -7.02	48.95 1.90 -7.69

SISSONVILLE____ 23735	35.11 -0.85 -0.02	32.51 -0.84 0.00	32.60 -0.84 0.00	31.78 -0.75 0.00	30.74 -0.70 0.00	36.04 -0.79 0.00	49.37 -1.00 0.00	35.83 -0.95 0.00	28.77 -1.12 0.00	29.62 -1.46 0.00	31.78 -1.56 0.00	27.74 -1.42 0.00	27.14 -1.41 0.00	29.23 -1.49 0.00	35.62 -1.84 0.00	30.38 -1.58 0.00	128.77 -6.63 0.00	34.69 -1.44 0.00	40.91 -1.25 0.00	36.18 -0.88 0.00	42.01 -0.80 0.00	39.82 -0.70 0.00	38.56 -0.80 0.00	38.48 -0.88 0.00
SITHE_IND_GS1 24169	34.28 -1.29 0.37	32.14 -1.21 0.00	32.23 -1.21 0.00	31.36 -1.17 0.00	30.32 -1.12 0.00	35.52 -1.31 0.00	48.53 -1.84 0.00	35.42 -1.36 0.00	28.87 -1.03 0.00	30.16 -0.92 0.00	32.45 -0.89 0.00	28.43 -0.73 0.00	27.83 -0.71 0.00	29.97 -0.75 0.00	36.48 -0.98 0.00	31.15 -0.81 0.00	131.45 -3.95 0.00	34.94 -1.18 0.00	40.65 -1.51 0.00	35.76 -1.29 0.00	41.28 -1.53 0.00	39.04 -1.48 0.00	37.93 -1.43 0.00	37.94 -1.42 0.00
SITHE_IND_GS2 24170	34.28 -1.29 0.37	32.14 -1.21 0.00	32.23 -1.21 0.00	31.36 -1.17 0.00	30.32 -1.12 0.00	35.52 -1.31 0.00	48.53 -1.84 0.00	35.42 -1.36 0.00	28.87 -1.03 0.00	30.16 -0.92 0.00	32.45 -0.89 0.00	28.43 -0.73 0.00	27.83 -0.71 0.00	29.97 -0.75 0.00	36.48 -0.98 0.00	31.15 -0.81 0.00	131.45 -3.95 0.00	34.94 -1.18 0.00	40.65 -1.51 0.00	35.76 -1.29 0.00	41.28 -1.53 0.00	39.04 -1.48 0.00	37.93 -1.43 0.00	37.94 -1.42 0.00
SITHE_IND_GS3 24171	34.28 -1.29 0.37	32.14 -1.21 0.00	32.23 -1.21 0.00	31.36 -1.17 0.00	30.32 -1.12 0.00	35.52 -1.31 0.00	48.53 -1.84 0.00	35.42 -1.36 0.00	28.87 -1.03 0.00	30.16 -0.92 0.00	32.45 -0.89 0.00	28.43 -0.73 0.00	27.83 -0.71 0.00	29.97 -0.75 0.00	36.48 -0.98 0.00	31.15 -0.81 0.00	131.45 -3.95 0.00	34.94 -1.18 0.00	40.65 -1.51 0.00	35.76 -1.29 0.00	41.28 -1.53 0.00	39.04 -1.48 0.00	37.93 -1.43 0.00	37.94 -1.42 0.00
SITHE_IND_GS4 24172	34.28 -1.29 0.37	32.14 -1.21 0.00	32.23 -1.21 0.00	31.36 -1.17 0.00	30.32 -1.12 0.00	35.52 -1.31 0.00	48.53 -1.84 0.00	35.42 -1.36 0.00	28.87 -1.03 0.00	30.16 -0.92 0.00	32.45 -0.89 0.00	28.43 -0.73 0.00	27.83 -0.71 0.00	29.97 -0.75 0.00	36.48 -0.98 0.00	31.15 -0.81 0.00	131.45 -3.95 0.00	34.94 -1.18 0.00	40.65 -1.51 0.00	35.76 -1.29 0.00	41.28 -1.53 0.00	39.04 -1.48 0.00	37.93 -1.43 0.00	37.94 -1.42 0.00
SITHE____BATAVIA 24024	35.31 -0.63 0.00	31.37 -0.85 1.13	32.80 -0.64 0.00	31.82 -0.70 0.00	30.77 -0.67 0.00	36.39 -0.44 0.00	49.52 -0.85 0.00	35.92 -0.86 0.00	29.53 -0.37 0.00	30.85 -0.23 0.00	33.71 0.37 0.00	29.51 0.36 0.00	29.08 0.53 0.00	31.46 0.73 0.00	36.03 0.15 1.58	31.96 0.00 0.00	84.61 -4.11 46.67	35.06 -1.07 0.00	40.36 -1.80 0.00	35.88 -1.17 0.00	41.55 -1.26 0.00	35.94 -1.28 3.31	38.06 -1.30 0.00	38.14 -1.22 0.00
SITHE____INDEPEND 23800	34.28 -1.29 0.37	32.14 -1.21 0.00	32.23 -1.21 0.00	31.36 -1.17 0.00	30.32 -1.12 0.00	35.52 -1.31 0.00	48.53 -1.84 0.00	35.42 -1.36 0.00	28.86 -1.03 0.00	30.16 -0.92 0.00	32.45 -0.89 0.00	28.42 -0.73 0.00	27.84 -0.71 0.00	29.97 -0.76 0.00	36.49 -0.98 0.00	31.15 -0.81 0.00	131.45 -3.95 0.00	34.95 -1.18 0.00	40.65 -1.51 0.00	35.76 -1.29 0.00	41.27 -1.53 0.00	39.04 -1.49 0.00	37.93 -1.43 0.00	37.94 -1.43 0.00
SITHE____MASSENA 23902	36.11 0.16 0.00	33.49 0.13 0.00	33.60 0.16 0.00	32.69 0.16 0.00	31.61 0.17 0.00	37.05 0.22 0.00	50.76 0.38 0.00	36.96 0.18 0.00	29.87 -0.03 0.00	30.83 -0.25 0.00	33.07 -0.27 0.00	28.88 -0.27 0.00	28.26 -0.28 0.00	30.43 -0.29 0.00	37.05 -0.42 0.00	31.62 -0.35 0.00	133.63 -1.77 0.00	35.86 -0.27 0.00	42.10 -0.05 0.00	37.14 0.09 0.00	43.01 0.20 0.00	40.74 0.22 0.00	39.46 0.10 0.00	39.42 0.06 0.00
SITHE____OGDNSBRG 24021	36.28 0.32 -0.01	33.60 0.25 0.00	33.71 0.27 0.00	32.83 0.30 0.00	31.76 0.32 0.00	37.29 0.46 0.00	51.07 0.70 0.00	36.84 0.06 0.00	29.53 -0.37 0.00	30.42 -0.66 0.00	32.63 -0.71 0.00	28.47 -0.68 0.00	27.87 -0.68 0.00	30.04 -0.69 0.00	36.57 -0.89 0.00	31.20 -0.76 0.00	132.16 -3.24 0.00	35.58 -0.55 0.00	42.17 0.01 0.00	37.39 0.33 0.00	43.41 0.60 0.00	41.11 0.59 0.00	39.79 0.43 0.00	39.69 0.33 0.00
SITHE____STERLING 23777	36.64 0.67 -0.02	33.89 0.54 0.00	33.97 0.53 0.00	33.11 0.58 0.00	32.02 0.58 0.00	37.64 0.81 0.00	51.50 1.13 0.00	37.36 0.58 0.00	30.04 0.15 0.00	31.19 0.11 0.00	33.42 0.08 0.00	29.26 0.11 0.00	28.64 0.09 0.00	30.86 0.14 0.00	37.70 0.24 0.00	32.29 0.33 0.00	137.28 1.88 0.00	36.88 0.75 0.00	43.11 0.95 0.00	38.01 0.96 0.00	43.94 1.13 0.00	41.52 1.00 0.00	40.29 0.93 0.00	40.21 0.85 0.00
SLEIGHT__34_KV_TB1 80719	35.16 -0.80 -0.01	31.87 -0.85 0.63	32.63 -0.81 0.00	31.73 -0.79 0.00	30.70 -0.74 0.00	36.13 -0.70 0.00	49.42 -0.95 0.00	35.98 -0.80 0.00	29.29 -0.61 0.00	30.59 -0.49 0.00	32.97 -0.37 0.00	29.03 -0.12 0.00	28.47 -0.07 0.00	30.71 -0.01 0.00	36.28 -0.30 0.88	31.72 -0.24 0.00	106.75 -2.54 26.10	35.45 -0.68 0.00	41.22 -0.94 0.00	36.31 -0.74 0.00	41.95 -0.86 0.00	37.71 -0.95 1.86	38.36 -1.00 0.00	38.33 -1.03 0.00
SMITHTWN_69_KV_BK 1 55830	54.79 2.16 -16.68	42.25 2.01 -6.89	41.66 2.00 -6.22	41.59 1.90 -7.16	45.15 1.82 -11.89	44.51 2.09 -6.60	52.25 1.88 0.00	38.29 1.51 0.00	31.57 1.67 0.00	40.77 2.27 -7.43	35.11 1.77 0.00	32.19 1.60 -1.44	30.06 1.51 0.00	34.90 1.71 -2.47	39.49 2.03 0.00	33.69 1.73 0.00	135.73 5.64 5.31	40.69 2.47 -2.09	44.53 2.37 0.00	47.33 2.10 -8.18	49.85 2.17 -4.87	45.69 1.83 -3.33	47.80 2.21 -6.60	
SOUTH CAIRO____GT 23612	37.75 1.81 0.00	35.05 1.70 0.00	35.09 1.65 0.00	34.14 1.61 0.00	33.02 1.58 0.00	38.70 1.87 0.00	52.94 2.56 0.00	38.70 1.92 0.00	31.18 1.29 0.00	32.13 1.05 0.00	34.32 0.99 0.00	29.94 0.79 0.00	29.29 0.75 0.00	31.53 0.80 0.00	38.48 1.02 0.00	33.06 1.10 0.00	140.70 5.30 0.00	37.76 1.63 0.00	44.43 2.27 0.00	39.03 1.98 0.00	45.10 2.30 0.00	42.67 2.15 0.00	41.44 2.09 0.00	41.39 2.03 0.00
SOUTH HAMPTN____IC 23720	54.73 2.16 -16.62	41.95 1.73 -6.86	41.43 1.80 -6.19	41.39 1.73 -7.13	45.05 1.78 -11.83	45.90 2.21 -6.86	52.18 1.81 0.00	38.06 1.29 0.00	31.35 1.45 0.00	40.69 2.22 -7.39	35.14 1.80 0.00	32.30 1.70 -1.43	29.94 1.40 0.00	34.73 1.55 -2.46	39.24 1.77 0.00	33.23 1.27 0.00	132.70 2.63 5.32	40.01 1.80 -2.08	43.90 1.74 0.00	46.68 1.48 -8.14	26.33 1.37 17.85	30.84 1.04 10.72	47.91 1.55 -7.01	48.82 1.78 -7.67
SOUTHDOW_115KV_TB1 355954	34.93 -1.01 0.00	30.56 -1.11 1.69	32.77 -0.67 0.00	31.90 -0.63 0.00	30.86 -0.58 0.00	36.57 -0.26 0.00	49.74 -0.64 0.00	36.41 -0.37 0.00	30.20 0.30 0.00	32.27 1.19 0.00	34.93 1.59 0.00	30.98 1.82 0.00	30.12 1.58 0.00	32.28 1.56 0.00	36.00 0.96 2.42	32.91 0.95 0.00	63.34 -0.73 71.32	36.04 -0.09 0.00	41.52 -0.64 0.00	36.88 -0.17 0.00	42.40 -0.41 0.00	34.63 -0.84 5.06	38.44 -0.91 0.00	38.52 -0.85 0.00

SOUTHOLD_69_KV_BK 2 55809	54.79 2.23 -16.62	41.79 1.58 -6.86	41.30 1.67 -6.19	41.25 1.59 -7.13	44.94 1.67 -11.83	45.88 2.19 -6.86	52.25 1.88 0.00	38.14 1.36 0.00	31.40 1.51 0.00	40.76 2.29 -7.39	35.27 1.94 0.00	32.45 1.86 -1.43	29.94 1.39 0.00	34.63 1.45 -2.46	39.12 1.65 0.00	33.00 1.04 0.00	129.22 -0.86 5.32	39.17 0.97 -2.08	43.68 1.52 0.00	46.48 1.29 -8.14	25.74 1.15 18.22	30.39 0.82 10.95	47.63 1.27 -7.01	48.51 1.47 -7.67
SOUTHOLD____IC 23719	54.79 2.23 -16.62	41.80 1.58 -6.86	41.30 1.67 -6.19	41.25 1.59 -7.13	44.94 1.67 -11.83	45.88 2.18 -6.86	52.25 1.88 0.00	38.14 1.36 0.00	31.41 1.51 0.00	40.76 2.29 -7.39	35.27 1.94 0.00	32.46 1.86 -1.43	29.94 1.40 0.00	34.63 1.45 -2.46	39.11 1.65 0.00	33.00 1.04 0.00	129.12 -0.95 5.32	39.17 0.97 -2.08	43.68 1.51 0.00	46.48 1.28 -8.14	25.74 1.15 18.22	30.40 0.82 10.95	47.65 1.28 -7.01	48.51 1.47 -7.67
SOUTH_FORK_WT_PWR 323839	54.64 2.07 -16.62	41.48 1.26 -6.86	41.00 1.37 -6.19	40.93 1.27 -7.13	44.68 1.41 -11.83	45.65 1.96 -6.86	51.99 1.62 0.00	37.96 1.19 0.00	31.26 1.36 0.00	40.64 2.17 -7.39	35.22 1.88 0.00	32.45 1.86 -1.43	29.81 1.27 0.00	34.42 1.24 -2.46	38.84 1.38 0.00	32.61 0.65 0.00	128.11 -1.97 5.32	38.91 0.70 -2.08	43.07 0.92 0.00	46.00 0.81 -8.14	25.42 0.61 18.00	30.02 0.30 10.81	47.13 0.76 -7.01	47.95 0.91 -7.67
SPIERFLS_115KV_TB 1 80737	37.87 1.93 0.00	35.01 1.66 0.00	35.12 1.68 0.00	34.31 1.78 0.00	33.19 1.75 0.00	39.01 2.18 0.00	53.43 3.06 0.00	38.88 2.10 0.00	31.38 1.49 0.00	32.42 1.34 0.00	34.58 1.24 0.00	30.29 1.13 0.00	29.54 1.00 0.00	31.80 1.08 0.00	38.77 1.30 0.00	32.98 1.02 0.00	140.56 5.17 0.00	37.51 1.38 0.00	43.50 1.34 0.00	37.95 0.90 0.00	43.88 1.07 0.00	41.81 1.29 0.00	40.68 1.32 0.00	40.70 1.33 0.00
ST LAWRENCE____ 23600	35.96 0.01 0.00	33.36 0.01 0.00	33.47 0.03 0.00	32.56 0.03 0.00	31.47 0.03 0.00	36.88 0.05 0.00	50.51 0.14 0.00	36.86 0.08 0.00	29.84 -0.06 0.00	30.83 -0.25 0.00	33.06 -0.27 0.00	28.89 -0.27 0.00	28.27 -0.27 0.00	30.42 -0.30 0.00	37.07 -0.40 0.00	31.62 -0.34 0.00	133.72 -1.68 0.00	35.81 -0.32 0.00	41.96 -0.20 0.00	36.98 -0.07 0.00	42.80 0.00 0.00	40.57 0.05 0.00	39.29 -0.06 0.00	39.26 -0.11 0.00
STATE_CA_115KV_115_LB 55624	36.69 0.75 0.00	34.11 0.75 0.00	34.13 0.69 0.00	33.21 0.68 0.00	32.11 0.67 0.00	37.56 0.72 0.00	51.15 0.78 0.00	37.50 0.71 0.00	30.56 0.66 0.00	31.72 0.64 0.00	33.93 0.59 0.00	29.65 0.50 0.00	29.01 0.47 0.00	31.21 0.48 0.00	38.10 0.63 0.00	32.51 0.55 0.00	138.41 3.02 0.00	36.94 0.81 0.00	43.10 0.94 0.00	37.74 0.69 0.00	43.52 0.71 0.00	41.26 0.74 0.00	40.13 0.77 0.00	40.17 0.80 0.00
STATE_ST_34_KV_LOAD 55959	35.92 -0.08 -0.06	32.81 -0.12 0.43	33.24 -0.20 0.00	32.41 -0.11 0.00	31.39 -0.05 0.00	36.77 -0.06 0.00	50.41 0.04 0.00	36.71 -0.07 0.00	29.73 -0.17 0.00	30.98 -0.10 0.00	33.27 -0.07 0.00	29.28 0.12 0.00	28.67 0.12 0.00	30.92 0.19 0.00	36.90 0.02 0.58	32.10 0.14 0.00	118.28 0.10 17.22	36.26 0.13 0.00	42.21 0.05 0.00	37.04 -0.01 0.00	42.86 0.05 0.00	39.10 -0.18 1.24	39.17 -0.18 0.00	39.17 -0.19 0.00
STATION 5_MISC_HYD 23604	35.30 -0.64 0.00	31.78 -0.77 0.81	32.80 -0.64 0.00	31.84 -0.69 0.00	30.78 -0.66 0.00	36.28 -0.55 0.00	49.55 -0.82 0.00	36.06 -0.72 0.00	29.56 -0.33 0.00	30.99 -0.09 0.00	33.54 0.20 0.00	29.51 0.36 0.00	28.87 0.33 0.00	31.12 0.39 0.00	36.39 0.05 1.13	31.95 -0.02 0.00	99.67 -2.60 33.14	35.43 -0.70 0.00	41.11 -1.05 0.00	36.28 -0.77 0.00	41.90 -0.91 0.00	37.23 -0.94 2.36	38.37 -0.98 0.00	38.38 -0.99 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.37 -0.59 -0.01	31.94 -0.67 0.74	32.86 -0.58 0.00	31.94 -0.59 0.00	30.90 -0.54 0.00	36.39 -0.45 0.00	49.76 -0.61 0.00	36.22 -0.56 0.00	29.54 -0.36 0.00	30.90 -0.18 0.00	33.33 -0.01 0.00	29.36 0.20 0.00	28.75 0.21 0.00	30.96 0.23 0.00	36.44 0.00 1.02	31.95 -0.01 0.00	103.33 -1.85 30.22	35.67 -0.46 0.00	41.42 -0.74 0.00	36.53 -0.52 0.00	42.18 -0.63 0.00	37.64 -0.73 2.15	38.58 -0.77 0.00	38.56 -0.81 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.06 -0.88 0.00	31.60 -0.97 0.78	32.57 -0.87 0.00	31.63 -0.89 0.00	30.58 -0.85 0.00	36.03 -0.79 0.00	49.23 -1.15 0.00	35.83 -0.95 0.00	29.36 -0.54 0.00	30.76 -0.32 0.00	33.28 -0.06 0.00	29.28 0.12 0.00	28.65 0.11 0.00	30.88 0.16 0.00	36.17 -0.21 1.09	31.77 -0.19 0.00	100.19 -3.16 32.05	35.27 -0.86 0.00	40.93 -1.23 0.00	36.10 -0.95 0.00	41.69 -1.12 0.00	37.11 -1.14 2.28	38.17 -1.18 0.00	38.17 -1.20 0.00
STA_56____34_KV_BUS2 355983	35.06 -0.88 0.00	31.60 -0.97 0.78	32.57 -0.87 0.00	31.63 -0.89 0.00	30.58 -0.85 0.00	36.03 -0.79 0.00	49.23 -1.15 0.00	35.83 -0.95 0.00	29.36 -0.54 0.00	30.76 -0.32 0.00	33.28 -0.06 0.00	29.28 0.12 0.00	28.65 0.11 0.00	30.88 0.16 0.00	36.17 -0.21 1.09	31.77 -0.19 0.00	100.19 -3.16 32.05	35.27 -0.86 0.00	40.93 -1.23 0.00	36.10 -0.95 0.00	41.69 -1.12 0.00	37.11 -1.14 2.28	38.17 -1.18 0.00	38.17 -1.20 0.00
STA_67____115KV_BK2 355882	35.24 -0.70 0.00	31.74 -0.81 0.81	32.74 -0.70 0.00	31.80 -0.73 0.00	30.74 -0.70 0.00	36.21 -0.61 0.00	49.46 -0.91 0.00	36.00 -0.78 0.00	29.51 -0.39 0.00	30.93 -0.15 0.00	33.48 0.14 0.00	29.45 0.30 0.00	28.82 0.28 0.00	31.06 0.33 0.00	36.31 -0.02 1.13	31.88 -0.08 0.00	99.42 -2.87 33.11	35.36 -0.77 0.00	41.03 -1.14 0.00	36.21 -0.85 0.00	41.81 -1.00 0.00	37.16 -1.01 2.35	38.30 -1.06 0.00	38.30 -1.07 0.00
STA_7____115KV_9TRANS 80674	35.44 -0.50 0.00	31.91 -0.64 0.81	32.91 -0.53 0.00	31.96 -0.57 0.00	30.90 -0.54 0.00	36.42 -0.41 0.00	49.75 -0.62 0.00	36.21 -0.57 0.00	29.68 -0.21 0.00	31.11 0.03 0.00	33.67 0.34 0.00	29.64 0.48 0.00	29.00 0.46 0.00	31.25 0.53 0.00	36.55 0.21 1.13	32.09 0.13 0.00	100.25 -2.05 33.10	35.60 -0.53 0.00	41.31 -0.84 0.00	36.46 -0.60 0.00	42.10 -0.71 0.00	37.42 -0.75 2.35	38.54 -0.81 0.00	38.53 -0.84 0.00
STA_82____115KV_TB1 80780	35.19 -0.75 0.00	31.68 -0.86 0.81	32.70 -0.75 0.00	31.75 -0.78 0.00	30.70 -0.74 0.00	36.17 -0.66 0.00	49.40 -0.97 0.00	35.95 -0.83 0.00	29.47 -0.43 0.00	30.88 -0.20 0.00	33.42 0.08 0.00	29.40 0.25 0.00	28.78 0.24 0.00	31.02 0.29 0.00	36.25 -0.08 1.13	31.85 -0.11 0.00	99.08 -3.00 33.32	35.32 -0.81 0.00	40.98 -1.18 0.00	36.16 -0.89 0.00	41.76 -1.05 0.00	37.10 -1.06 2.37	38.25 -1.10 0.00	38.25 -1.11 0.00
STEEL____WIND 323596	34.47 -1.47 0.00	30.16 -1.65 1.54	32.12 -1.32 0.00	31.17 -1.36 0.00	30.08 -1.36 0.00	35.59 -1.24 0.00	48.34 -2.03 0.00	35.22 -1.56 0.00	29.26 -0.64 0.00	30.93 -0.15 0.00	33.50 0.17 0.00	29.61 0.46 0.00	28.86 0.32 0.00	30.95 0.23 0.00	34.72 -0.58 2.17	31.50 -0.46 0.00	64.25 -7.06 64.09	34.35 -1.78 0.00	39.58 -2.57 0.00	35.11 -1.95 0.00	40.42 -2.39 0.00	33.60 -2.38 4.54	37.03 -2.32 0.00	37.17 -2.19 0.00

STEPHTWN_115KV_BK_2 55603	36.80 0.85 0.00	34.21 0.86 0.00	34.26 0.82 0.00	33.33 0.80 0.00	32.22 0.79 0.00	37.71 0.87 0.00	51.43 1.06 0.00	37.67 0.89 0.00	30.68 0.78 0.00	31.83 0.75 0.00	34.01 0.67 0.00	29.71 0.55 0.00	29.07 0.52 0.00	31.25 0.53 0.00	38.13 0.67 0.00	32.54 0.57 0.00	138.56 3.16 0.00	37.03 0.90 0.00	43.27 1.11 0.00	37.91 0.85 0.00	43.72 0.91 0.00	41.43 0.91 0.00	40.28 0.92 0.00	40.29 0.92 0.00
STEBEN_REC_LFGE 323667	35.03 -0.93 -0.02	29.84 -1.07 2.45	32.79 -0.65 0.00	31.82 -0.71 0.00	30.86 -0.58 0.00	36.50 -0.33 0.00	49.91 -0.46 0.00	36.30 -0.48 0.00	29.53 -0.36 0.00	31.32 0.24 0.00	33.90 0.57 0.00	30.13 0.97 0.00	29.25 0.71 0.00	31.33 0.60 0.00	34.19 0.06 3.34	32.26 0.29 0.00	33.92 -3.09 98.38	35.61 -0.52 0.00	41.20 -0.96 0.00	36.68 -0.37 0.00	42.39 -0.42 0.00	32.64 -0.91 6.98	38.46 -0.89 0.00	38.39 -0.98 0.00
STILLWATER___SOLAR 323814	37.53 1.59 0.00	34.80 1.44 0.00	34.84 1.40 0.00	33.97 1.44 0.00	32.84 1.40 0.00	38.51 1.69 0.00	52.62 2.25 0.00	38.33 1.55 0.00	31.03 1.13 0.00	32.12 1.04 0.00	34.35 1.02 0.00	30.06 0.90 0.00	29.37 0.83 0.00	31.61 0.89 0.00	38.53 1.06 0.00	32.84 0.88 0.00	140.07 4.67 0.00	37.43 1.30 0.00	43.70 1.54 0.00	38.24 1.19 0.00	44.23 1.43 0.00	42.01 1.49 0.00	40.86 1.51 0.00	40.90 1.54 0.00
STONY___BROOK 24151	54.66 2.05 -16.67	42.15 1.91 -6.89	41.56 1.90 -6.21	41.49 1.81 -7.16	45.05 1.73 -11.88	45.73 2.02 -6.89	52.10 1.72 0.00	38.18 1.40 0.00	31.48 1.59 0.00	40.68 2.18 -7.42	35.03 1.69 0.00	32.13 1.53 -1.44	30.00 1.46 0.00	34.84 1.65 -2.47	39.42 1.95 0.00	33.62 1.66 0.00	135.35 5.27 5.31	40.58 2.37 -2.09	44.39 2.23 0.00	47.19 1.96 -8.17	48.58 2.02 -3.76	44.85 1.68 -2.64	48.47 2.08 -7.04	49.32 2.25 -7.70
STURGEON_POOL_HYD 23609	37.27 1.33 0.00	34.61 1.26 0.00	34.62 1.18 0.00	33.60 1.07 0.00	32.44 1.00 0.00	38.04 1.21 0.00	52.29 1.91 0.00	38.33 1.55 0.00	31.20 1.30 0.00	32.51 1.43 0.00	34.70 1.37 0.00	30.16 1.00 0.00	29.60 1.05 0.00	31.83 1.10 0.00	39.10 1.63 0.00	33.28 1.32 0.00	142.58 7.18 0.00	38.07 1.95 0.00	44.31 2.16 0.00	38.90 1.85 0.00	44.87 2.06 0.00	42.25 1.72 0.00	41.16 1.80 0.00	41.15 1.79 0.00
ST_LAW_115_BK7_LBMP 345037	35.92 -0.03 0.00	33.33 -0.03 0.00	33.44 0.00 0.00	32.52 -0.01 0.00	31.43 -0.01 0.00	36.84 0.01 0.00	50.47 0.09 0.00	36.81 0.03 0.00	29.79 -0.11 0.00	30.77 -0.30 0.00	33.00 -0.34 0.00	28.84 -0.32 0.00	28.22 -0.33 0.00	30.36 -0.36 0.00	37.00 -0.47 0.00	31.56 -1.95 0.00	133.45 -1.95 0.00	35.73 -0.40 0.00	41.91 -0.25 0.00	36.94 -0.11 0.00	42.75 -0.05 0.00	40.53 0.00 0.00	39.24 -0.11 0.00	39.21 -0.15 0.00
ST_LAW_115_BK8_LBMP 345038	35.92 -0.03 0.00	33.33 -0.03 0.00	33.44 0.00 0.00	32.52 -0.01 0.00	31.43 -0.01 0.00	36.84 0.01 0.00	50.47 0.09 0.00	36.81 0.03 0.00	29.79 -0.11 0.00	30.77 -0.30 0.00	33.00 -0.34 0.00	28.84 -0.32 0.00	28.22 -0.33 0.00	30.36 -0.36 0.00	37.00 -0.47 0.00	31.56 -1.95 0.00	133.45 -1.95 0.00	35.73 -0.40 0.00	41.91 -0.25 0.00	36.94 -0.11 0.00	42.75 -0.05 0.00	40.53 0.00 0.00	39.24 -0.11 0.00	39.21 -0.15 0.00
ST_LAW_230_BK5_LBMP 345035	35.96 0.01 0.00	33.36 0.01 0.00	33.47 0.03 0.00	32.56 0.03 0.00	31.47 0.03 0.00	36.88 0.05 0.00	50.51 0.14 0.00	36.86 0.08 0.00	29.84 -0.06 0.00	30.83 -0.25 0.00	33.06 -0.27 0.00	28.89 -0.27 0.00	28.27 -0.27 0.00	30.42 -0.30 0.00	37.07 -0.40 0.00	31.62 -0.34 0.00	133.72 -1.68 0.00	35.81 -0.32 0.00	41.96 -0.20 0.00	36.98 -0.07 0.00	42.80 0.00 0.00	40.57 0.05 0.00	39.29 -0.06 0.00	39.26 -0.11 0.00
ST_LAW_230_BK6_LBMP 345036	35.96 0.01 0.00	33.36 0.01 0.00	33.47 0.03 0.00	32.56 0.03 0.00	31.47 0.03 0.00	36.88 0.05 0.00	50.51 0.14 0.00	36.86 0.08 0.00	29.84 -0.06 0.00	30.83 -0.25 0.00	33.06 -0.27 0.00	28.89 -0.27 0.00	28.27 -0.27 0.00	30.42 -0.30 0.00	37.07 -0.40 0.00	31.62 -0.34 0.00	133.72 -1.68 0.00	35.81 -0.32 0.00	41.96 -0.20 0.00	36.98 -0.07 0.00	42.80 0.00 0.00	40.57 0.05 0.00	39.29 -0.06 0.00	39.26 -0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.09 1.14 0.00	34.61 1.09 -0.17	34.46 1.02 0.00	33.45 0.92 0.00	32.29 0.85 0.00	37.90 1.07 0.00	52.08 1.70 0.00	38.17 1.39 0.00	31.07 1.17 0.00	32.41 1.33 0.00	34.58 1.24 0.00	30.06 0.90 0.00	29.51 0.97 0.00	31.74 1.01 0.00	39.24 1.53 -0.24	33.18 1.21 0.00	149.10 6.64 -7.06	37.93 1.81 0.00	44.15 1.99 0.00	38.80 1.74 0.00	44.74 1.93 0.00	42.59 1.56 -0.51	40.97 1.62 0.00	41.01 1.65 0.00
SWANROAD_115KV_TB1 355699	33.74 -2.21 0.00	29.71 -2.31 1.34	31.38 -2.06 0.00	30.40 -2.13 0.00	29.36 -2.08 0.00	34.69 -2.14 0.00	46.91 -3.46 0.00	34.09 -2.69 0.00	28.44 -1.46 0.00	29.97 -1.11 0.00	32.60 -0.74 0.00	28.70 -0.45 0.00	28.06 -0.48 0.00	30.11 -0.61 0.00	33.94 -1.63 1.89	30.58 -1.38 0.00	68.59 -11.15 55.66	33.19 -2.94 0.00	38.23 -3.93 0.00	33.88 -3.18 0.00	39.08 -3.73 0.00	33.02 -3.55 3.95	35.96 -3.40 0.00	36.16 -3.21 0.00
SYNERGY___BIOGAS 323694	35.31 -0.63 0.00	31.38 -0.85 1.13	32.80 -0.64 0.00	31.82 -0.70 0.00	30.77 -0.67 0.00	36.39 -0.44 0.00	49.52 -0.85 0.00	35.93 -0.85 0.00	29.53 -0.37 0.00	30.85 -0.23 0.00	33.71 0.37 0.00	29.51 0.35 0.00	29.09 0.55 0.00	31.46 0.73 0.00	36.03 0.15 1.58	31.96 0.00 0.00	84.61 -4.12 46.67	35.06 -1.07 0.00	40.35 -1.81 0.00	35.88 -1.17 0.00	41.54 -1.27 0.00	35.95 -1.26 3.31	38.06 -1.30 0.00	38.13 -1.24 0.00
SYRACUSE___ENERGY_ST1 323597	35.59 -0.43 -0.07	32.70 -0.43 0.23	33.02 -0.42 0.00	32.12 -0.40 0.00	31.08 -0.37 0.00	36.44 -0.38 0.00	49.86 -0.51 0.00	36.34 -0.43 0.00	29.52 -0.38 0.00	30.79 -0.28 0.00	33.09 -0.25 0.00	29.04 -0.12 0.00	28.43 -0.11 0.00	30.62 -0.10 0.00	36.98 -0.17 0.31	31.87 -0.09 0.00	125.43 -0.83 9.14	35.91 -0.23 0.00	41.79 -0.37 0.00	36.75 -0.30 0.00	42.43 -0.38 0.00	39.41 -0.45 0.66	38.92 -0.44 0.00	38.91 -0.45 0.00
SYRACUSE___ENERGY_ST2 323598	35.59 -0.43 -0.07	32.70 -0.43 0.23	33.02 -0.42 0.00	32.12 -0.40 0.00	31.08 -0.37 0.00	36.44 -0.38 0.00	49.86 -0.51 0.00	36.34 -0.43 0.00	29.52 -0.38 0.00	30.79 -0.28 0.00	33.09 -0.25 0.00	29.04 -0.12 0.00	28.43 -0.11 0.00	30.62 -0.10 0.00	36.98 -0.17 0.31	31.87 -0.09 0.00	125.43 -0.83 9.14	35.91 -0.23 0.00	41.79 -0.37 0.00	36.75 -0.30 0.00	42.43 -0.38 0.00	39.41 -0.45 0.66	38.92 -0.44 0.00	38.91 -0.45 0.00
SYRACUSE___POWER 24017	35.59 -0.39 -0.05	32.95 -0.40 0.00	33.06 -0.38 0.00	32.15 -0.38 0.00	31.09 -0.35 0.00	36.48 -0.35 0.00	49.91 -0.47 0.00	36.38 -0.40 0.00	29.57 -0.33 0.00	30.84 -0.24 0.00	33.14 -0.19 0.00	29.07 -0.09 0.00	28.45 -0.09 0.00	30.66 -0.07 0.00	37.34 -0.13 0.00	31.90 -0.06 0.00	134.81 -0.59 0.00	35.94 -0.18 0.00	41.83 -0.33 0.00	36.80 -0.25 0.00	42.48 -0.33 0.00	40.13 -0.40 0.00	38.97 -0.38 0.00	38.96 -0.41 0.00

TALLMAN__138KV_BK151 55660	37.21 1.26 0.00	34.71 1.19 -0.17	34.56 1.12 0.00	33.55 1.02 0.00	32.38 0.94 0.00	38.01 1.18 0.00	52.28 1.90 0.00	38.33 1.55 0.00	31.21 1.31 0.00	32.62 1.54 0.00	34.81 1.47 0.00	30.22 1.07 0.00	29.69 1.15 0.00	31.93 1.21 0.00	39.28 1.81 0.00	33.38 1.42 0.00	142.98 7.59 0.00	38.14 2.01 0.00	44.37 2.21 0.00	38.98 1.93 0.00	44.96 2.15 0.00	42.75 1.73 -0.49	41.13 1.77 0.00	41.18 1.82 0.00
TEALLAVE_115KV_TB7 355573	35.38 -0.60 -0.04	32.77 -0.59 0.00	32.86 -0.58 0.00	31.97 -0.56 0.00	30.91 -0.53 0.00	36.27 -0.56 0.00	49.60 -0.78 0.00	36.16 -0.62 0.00	29.42 -0.48 0.00	30.71 -0.37 0.00	33.02 -0.32 0.00	28.95 -0.20 0.00	28.34 -0.20 0.00	30.54 -0.18 0.00	37.19 -0.27 0.00	31.76 -0.20 0.00	134.14 -1.25 0.00	35.73 -0.40 0.00	41.56 -0.60 0.00	36.57 -0.49 0.00	42.21 -0.60 0.00	39.88 -0.64 0.00	38.73 -0.62 0.00	38.73 -0.64 0.00
TELGRAPH_34_KV_EAST 80808	34.55 -1.40 0.00	30.57 -1.56 1.22	32.11 -1.33 0.00	31.14 -1.39 0.00	30.09 -1.36 0.00	35.55 -1.28 0.00	48.25 -2.13 0.00	35.05 -1.73 0.00	29.08 -0.82 0.00	30.56 -0.52 0.00	33.26 -0.08 0.00	29.24 0.09 0.00	28.63 0.09 0.00	30.81 0.09 0.00	35.04 -0.70 1.72	31.33 -0.63 0.00	77.15 -7.55 50.70	34.15 -1.97 0.00	39.40 -2.76 0.00	34.94 -2.11 0.00	40.37 -2.44 0.00	34.56 -2.36 3.60	37.05 -2.30 0.00	37.18 -2.18 0.00
TEMPLE__115KV_TB 2 55572	35.40 -0.58 -0.04	32.78 -0.57 0.00	32.88 -0.56 0.00	31.98 -0.55 0.00	30.93 -0.51 0.00	36.28 -0.55 0.00	49.61 -0.76 0.00	36.18 -0.60 0.00	29.44 -0.46 0.00	30.73 -0.35 0.00	33.04 -0.29 0.00	28.98 -0.17 0.00	28.37 -0.18 0.00	30.56 -0.16 0.00	37.21 -0.25 0.00	31.79 -0.17 0.00	134.17 -1.23 0.00	35.75 -0.38 0.00	41.58 -0.58 0.00	36.58 -0.47 0.00	42.22 -0.59 0.00	39.90 -0.62 0.00	38.76 -0.59 0.00	38.75 -0.61 0.00
TIANA____69_KV_BK 1 55817	54.70 2.14 -16.62	42.00 1.79 -6.86	41.48 1.85 -6.19	41.44 1.78 -7.13	45.08 1.80 -11.83	45.89 2.19 -6.86	52.14 1.76 0.00	38.05 1.27 0.00	31.33 1.43 0.00	40.65 2.18 -7.39	35.07 1.73 0.00	32.23 1.64 -1.43	29.93 1.38 0.00	34.75 1.57 -2.46	39.27 1.81 0.00	33.32 1.36 0.00	133.56 3.48 5.32	40.17 1.96 -2.08	44.00 1.85 0.00	46.76 1.57 -8.14	26.06 1.48 18.23	30.72 1.15 10.95	48.02 1.65 -7.01	48.95 1.91 -7.67
TILDEN__115KV_TB1 80814	35.59 -0.39 -0.05	32.95 -0.40 0.00	33.06 -0.38 0.00	32.15 -0.38 0.00	31.09 -0.35 0.00	36.48 -0.35 0.00	49.91 -0.47 0.00	36.38 -0.40 0.00	29.57 -0.33 0.00	30.84 -0.24 0.00	33.14 -0.19 0.00	29.07 -0.09 0.00	28.45 -0.09 0.00	30.66 -0.07 0.00	37.34 -0.13 0.00	31.90 -0.06 0.00	134.81 -0.59 0.00	35.94 -0.18 0.00	41.83 -0.33 0.00	36.80 -0.25 0.00	42.48 -0.33 0.00	40.13 -0.40 0.00	38.97 -0.38 0.00	38.96 -0.41 0.00
TRIGEN__CC 323695	66.68 1.94 -28.79	47.16 1.86 -11.94	46.02 1.81 -10.77	46.62 1.69 -12.41	53.61 1.58 -20.59	50.59 1.82 -11.94	52.36 1.99 0.00	38.48 1.70 0.00	31.63 1.73 0.00	46.11 2.16 -12.87	35.14 1.80 0.00	33.23 1.58 -2.50	30.14 1.60 0.00	36.76 1.75 -4.28	39.63 2.17 0.00	33.79 1.83 0.00	137.97 6.81 4.24	42.20 2.46 -3.62	44.59 2.43 0.00	53.39 2.17 -14.17	45.22 2.41 0.00	43.09 2.01 -0.56	53.76 2.20 -12.20	54.98 2.26 -13.36
TRINITY__115KV__ 4 BK 55933	36.52 0.57 0.00	33.95 0.59 0.00	33.97 0.53 0.00	33.05 0.52 0.00	31.96 0.51 0.00	37.37 0.54 0.00	50.90 0.53 0.00	37.31 0.53 0.00	30.43 0.53 0.00	31.59 0.51 0.00	33.79 0.45 0.00	29.53 0.38 0.00	28.90 0.36 0.00	31.09 0.37 0.00	37.97 0.51 0.00	32.38 0.41 0.00	137.75 2.35 0.00	36.75 0.62 0.00	42.88 0.73 0.00	37.56 0.51 0.00	43.30 0.49 0.00	41.06 0.54 0.00	39.94 0.59 0.00	39.99 0.62 0.00
UNION__PROCESSING_DRP 323587	35.20 -0.74 0.00	31.70 -0.85 0.81	32.71 -0.73 0.00	31.76 -0.77 0.00	30.71 -0.73 0.00	36.17 -0.66 0.00	49.40 -0.97 0.00	35.96 -0.82 0.00	29.47 -0.43 0.00	30.89 -0.19 0.00	33.42 0.08 0.00	29.40 0.25 0.00	28.78 0.24 0.00	31.03 0.30 0.00	36.27 -0.06 1.13	31.85 -0.11 0.00	99.02 -3.00 33.37	35.32 -0.81 0.00	40.99 -1.17 0.00	36.17 -0.88 0.00	41.77 -1.04 0.00	37.10 -1.05 2.37	38.26 -1.10 0.00	38.26 -1.10 0.00
UPPER HUDSON__HYD 24058	37.87 1.93 0.00	35.01 1.66 0.00	35.12 1.68 0.00	34.31 1.78 0.00	33.19 1.75 0.00	39.01 2.18 0.00	53.43 3.06 0.00	38.88 2.10 0.00	31.38 1.48 0.00	32.42 1.34 0.00	34.58 1.24 0.00	30.29 1.13 0.00	29.54 1.00 0.00	31.80 1.08 0.00	38.77 1.30 0.00	32.98 1.02 0.00	140.56 5.16 0.00	37.51 1.38 0.00	43.50 1.34 0.00	37.95 0.89 0.00	43.88 1.07 0.00	41.81 1.29 0.00	40.68 1.32 0.00	40.71 1.34 0.00
UPPER RAQUET__HYD 24056	35.11 -0.85 -0.02	32.51 -0.84 0.00	32.60 -0.84 0.00	31.78 -0.75 0.00	30.74 -0.70 0.00	36.04 -0.79 0.00	49.37 -1.00 0.00	35.83 -0.95 0.00	28.77 -1.12 0.00	29.62 -1.46 0.00	31.78 -1.56 0.00	27.74 -1.42 0.00	27.14 -1.40 0.00	29.23 -1.49 0.00	35.62 -1.84 0.00	30.38 -1.58 0.00	128.77 -6.63 0.00	34.69 -1.44 0.00	40.91 -1.25 0.00	36.18 -0.87 0.00	42.01 -0.80 0.00	39.82 -0.70 0.00	38.56 -0.80 0.00	38.48 -0.88 0.00
VALLEY44_115KV_TB2 355964	34.60 -1.34 0.00	30.13 -1.47 1.75	32.26 -1.19 0.00	31.35 -1.18 0.00	30.27 -1.17 0.00	35.72 -1.11 0.00	48.57 -1.80 0.00	35.44 -1.34 0.00	29.27 -0.62 0.00	31.24 0.16 0.00	33.57 0.23 0.00	29.70 0.54 0.00	28.94 0.39 0.00	31.06 0.34 0.00	34.60 -0.34 2.52	31.78 -0.18 0.00	55.88 -5.36 74.15	34.73 -1.40 0.00	40.06 -2.09 0.00	35.58 -1.47 0.00	41.04 -1.77 0.00	33.27 -2.00 5.26	37.42 -1.94 0.00	37.56 -1.81 0.00
VALLEY__115KV_TB 1-4 80826	36.39 0.44 0.00	33.80 0.45 0.00	33.86 0.43 0.00	32.99 0.46 0.00	31.88 0.44 0.00	37.34 0.51 0.00	51.01 0.64 0.00	36.87 0.09 0.00	29.63 -0.27 0.00	30.60 -0.48 0.00	32.71 -0.63 0.00	28.52 -0.64 0.00	27.92 -0.62 0.00	29.99 -0.74 0.00	36.74 -0.72 0.00	31.41 -0.55 0.00	135.05 -0.35 0.00	36.59 0.46 0.00	42.88 0.72 0.00	37.76 0.70 0.00	43.60 0.79 0.00	41.26 0.74 0.00	40.17 0.81 0.00	40.12 0.76 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.40 1.44 -0.01	35.23 1.38 -0.50	34.82 1.39 0.00	33.87 1.34 0.00	32.74 1.30 0.00	38.24 1.41 0.00	52.66 2.28 0.00	38.35 1.57 0.00	31.09 1.19 0.00	33.00 1.92 0.00	35.27 1.94 0.00	30.95 1.79 0.00	30.21 1.67 0.00	32.68 1.96 0.00	41.03 2.38 -1.18	34.45 2.49 0.00	181.43 11.07 -34.97	39.68 3.55 0.00	46.29 4.13 0.00	39.72 2.67 0.00	44.86 2.05 0.00	43.81 1.82 -1.46	41.15 1.80 0.00	41.14 1.78 0.00
VISCHER__FERRY HYD 24020	37.12 1.17 0.00	34.44 1.08 0.00	34.46 1.02 0.00	33.58 1.05 0.00	32.44 1.00 0.00	37.97 1.14 0.00	51.77 1.40 0.00	37.85 1.07 0.00	30.83 0.93 0.00	31.95 0.87 0.00	34.20 0.87 0.00	29.94 0.79 0.00	29.26 0.72 0.00	31.49 0.77 0.00	38.45 0.98 0.00	32.71 0.75 0.00	139.29 3.90 0.00	37.06 0.93 0.00	43.31 1.15 0.00	37.86 0.81 0.00	43.81 1.00 0.00	41.64 1.12 0.00	40.53 1.17 0.00	40.61 1.25 0.00

V_A_10_SYNC_DSASP 323832	34.25 -1.70 0.00	30.37 -1.81 1.18	31.86 -1.58 0.00	30.89 -1.64 0.00	29.83 -1.61 0.00	35.19 -1.64 0.00	47.82 -2.55 0.00	34.81 -1.97 0.00	28.89 -1.00 0.00	30.45 -0.63 0.00	33.02 -0.32 0.00	29.09 -0.06 0.00	28.42 -0.12 0.00	30.51 -0.21 0.00	34.80 -1.01 1.65	31.13 -0.83 0.00	78.30 -7.99 49.11	34.01 -2.12 0.00	39.30 -2.86 0.00	34.77 -2.29 0.00	40.10 -2.71 0.00	34.43 -2.61 3.48	36.81 -2.55 0.00	36.96 -2.41 0.00
V_CMM_10_SYNC_DSASP 323787	36.09 0.14 0.00	33.47 0.12 0.00	33.60 0.16 0.00	32.68 0.15 0.00	31.59 0.15 0.00	37.02 0.19 0.00	50.75 0.38 0.00	36.97 0.18 0.00	29.93 0.03 0.00	30.91 -0.17 0.00	33.15 -0.19 0.00	28.95 -0.21 0.00	28.33 -0.22 0.00	30.49 -0.23 0.00	37.14 -0.32 0.00	31.68 -0.29 0.00	133.74 -1.65 0.00	35.87 -0.26 0.00	42.09 -0.07 0.00	37.11 0.05 0.00	42.96 0.15 0.00	40.69 0.17 0.00	39.37 0.02 0.00	39.37 0.01 0.00
V_CMP_10_SYNC_DSASP 323788	36.41 0.47 0.00	33.81 0.46 0.00	33.99 0.55 0.00	33.10 0.58 0.00	32.01 0.57 0.00	37.55 0.72 0.00	51.30 0.92 0.00	37.45 0.67 0.00	30.33 0.43 0.00	31.20 0.12 0.00	33.31 -0.03 0.00	29.16 0.01 0.00	28.46 -0.08 0.00	30.60 -0.12 0.00	37.37 -0.09 0.00	32.01 0.05 0.00	135.61 0.21 0.00	36.41 0.28 0.00	42.65 0.49 0.00	37.60 0.55 0.00	43.58 0.77 0.00	41.35 0.83 0.00	40.01 0.66 0.00	39.91 0.55 0.00
V_D_10_SYNC_DSASP 323841	36.11 0.16 0.00	33.49 0.14 0.00	33.61 0.17 0.00	32.71 0.18 0.00	31.61 0.17 0.00	37.06 0.23 0.00	50.77 0.40 0.00	36.98 0.20 0.00	29.88 -0.02 0.00	30.84 -0.24 0.00	33.08 -0.26 0.00	28.89 -0.27 0.00	28.27 -0.27 0.00	30.44 -0.28 0.00	37.07 -0.40 0.00	31.62 -0.34 0.00	133.74 -1.66 0.00	35.87 -0.26 0.00	42.11 -0.05 0.00	37.15 0.10 0.00	43.02 0.21 0.00	40.75 0.23 0.00	39.47 0.11 0.00	39.43 0.07 0.00
V_E_10_SYNC_DSASP 323830	38.15 2.18 -0.03	35.74 2.11 -0.28	35.62 2.18 0.00	34.69 2.16 0.00	33.67 2.23 0.00	39.77 2.94 0.00	54.93 4.56 0.00	39.55 2.77 0.00	31.36 1.46 0.00	32.30 1.22 0.00	34.45 1.12 0.00	30.24 1.09 0.00	29.55 1.01 0.00	31.94 1.22 0.00	39.60 1.59 -0.54	33.89 1.93 0.00	160.65 9.27 -15.98	39.28 3.16 0.00	46.07 3.91 0.00	40.56 3.51 0.00	46.72 3.91 0.00	44.75 3.40 -0.83	42.52 3.16 0.00	42.37 3.01 0.00
V_F_30_NSYNC___DSASP 323816	37.54 1.60 0.00	34.81 1.45 0.00	34.86 1.43 0.00	33.98 1.45 0.00	32.85 1.41 0.00	38.52 1.70 0.00	52.66 2.28 0.00	38.36 1.58 0.00	31.07 1.17 0.00	32.15 1.07 0.00	34.40 1.06 0.00	30.10 0.94 0.00	29.41 0.87 0.00	31.65 0.93 0.00	38.59 1.12 0.00	32.89 0.93 0.00	140.22 4.83 0.00	37.50 1.37 0.00	43.75 1.59 0.00	38.28 1.23 0.00	44.27 1.46 0.00	42.04 1.52 0.00	40.88 1.53 0.00	40.91 1.55 0.00
V_F_30_SYNC_DSASP 323786	36.69 0.75 0.00	34.10 0.75 0.00	34.13 0.69 0.00	33.20 0.67 0.00	32.11 0.66 0.00	37.55 0.72 0.00	51.15 0.77 0.00	37.50 0.71 0.00	30.56 0.66 0.00	31.72 0.64 0.00	33.92 0.58 0.00	29.65 0.49 0.00	29.01 0.46 0.00	31.20 0.48 0.00	38.10 0.63 0.00	32.51 0.55 0.00	138.41 3.02 0.00	36.94 0.81 0.00	43.10 0.94 0.00	37.74 0.69 0.00	43.52 0.71 0.00	41.26 0.74 0.00	40.12 0.76 0.00	40.17 0.80 0.00
V_XM_10_SYNC_DSASP 323789	36.41 0.47 0.00	33.81 0.46 0.00	33.99 0.55 0.00	33.10 0.58 0.00	32.01 0.57 0.00	37.55 0.72 0.00	51.30 0.92 0.00	37.45 0.67 0.00	30.33 0.43 0.00	31.20 0.12 0.00	33.31 -0.03 0.00	29.16 0.01 0.00	28.46 -0.08 0.00	30.60 -0.12 0.00	37.37 -0.09 0.00	32.01 0.05 0.00	135.61 0.21 0.00	36.41 0.28 0.00	42.65 0.49 0.00	37.60 0.55 0.00	43.58 0.77 0.00	41.35 0.83 0.00	40.01 0.66 0.00	39.91 0.55 0.00
W.BABYLN_69_KV_BK1 56697	56.47 2.30 -18.22	43.25 2.22 -7.68	42.54 2.18 -6.93	42.57 2.06 -7.98	46.63 1.95 -13.24	46.78 2.27 -7.68	52.66 2.29 0.00	38.69 1.91 0.00	31.83 1.93 0.00	41.76 2.41 -8.27	35.29 1.95 0.00	32.47 1.71 -1.60	30.24 1.70 0.00	35.37 1.90 -2.75	39.72 2.26 0.00	33.90 1.94 0.00	137.17 6.74 4.97	41.13 2.68 -2.32	44.86 2.70 0.00	48.61 2.45 -9.11	45.52 2.71 0.00	43.19 2.31 -0.36	49.79 2.59 -7.85	50.60 2.65 -8.59
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.34 1.39 0.00	34.66 1.31 0.00	34.68 1.24 0.00	33.66 1.14 0.00	32.48 1.04 0.00	38.14 1.31 0.00	52.46 2.08 0.00	38.47 1.69 0.00	31.33 1.43 0.00	32.73 1.65 0.00	34.92 1.58 0.00	30.33 1.17 0.00	29.78 1.24 0.00	32.03 1.30 0.00	39.39 1.93 0.00	33.49 1.53 0.00	143.51 8.11 0.00	38.28 2.15 0.00	44.55 2.39 0.00	39.13 2.08 0.00	45.12 2.31 0.00	42.42 1.90 0.00	41.28 1.93 0.00	41.32 1.96 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.41 1.46 0.00	34.71 1.36 0.00	34.71 1.27 0.00	33.68 1.15 0.00	32.51 1.07 0.00	38.17 1.35 0.00	52.55 2.17 0.00	38.61 1.83 0.00	31.55 1.66 0.00	33.01 1.93 0.00	35.21 1.88 0.00	30.45 1.29 0.00	29.92 1.38 0.00	32.15 1.43 0.00	39.70 2.24 0.00	33.58 1.62 0.00	144.51 9.11 0.00	38.58 2.45 0.00	44.81 2.65 0.00	39.31 2.26 0.00	45.29 2.48 0.00	42.56 2.04 0.00	41.42 2.07 0.00	41.42 2.06 0.00
W50THST__13_KV_LOAD 356117	37.58 1.64 0.00	34.85 1.50 0.00	34.85 1.41 0.00	33.81 1.28 0.00	32.64 1.20 0.00	38.34 1.51 0.00	52.79 2.42 0.00	38.80 2.02 0.00	31.72 1.82 0.00	33.20 2.12 0.00	35.42 2.09 0.00	30.63 1.48 0.00	30.10 1.56 0.00	32.34 1.62 0.00	39.93 2.46 0.00	33.79 1.83 0.00	145.33 9.93 0.00	38.80 2.67 0.00	45.05 2.89 0.00	39.51 2.46 0.00	45.51 2.70 0.00	42.77 2.25 0.00	41.61 2.26 0.00	41.59 2.22 0.00
WADING RIVER_IC_1 23522	54.43 1.88 -16.61	41.90 1.69 -6.86	41.36 1.73 -6.19	41.36 1.70 -7.13	44.98 1.71 -11.83	45.70 2.01 -6.86	51.69 1.31 0.00	37.67 0.89 0.00	31.03 1.13 0.00	40.46 1.99 -7.39	34.83 1.49 0.00	32.00 1.42 -1.43	29.80 1.26 0.00	34.72 1.54 -2.46	39.21 1.75 0.00	33.34 1.37 0.00	134.30 4.23 5.32	40.31 2.10 -2.08	43.88 1.72 0.00	46.54 1.35 -8.14	32.71 1.16 11.27	34.76 0.89 6.65	47.87 1.51 -7.01	48.91 1.87 -7.67
WADING RIVER_IC_2 23547	54.43 1.88 -16.61	41.90 1.69 -6.86	41.36 1.73 -6.19	41.36 1.70 -7.13	44.98 1.71 -11.83	45.70 2.01 -6.86	51.69 1.31 0.00	37.67 0.89 0.00	31.03 1.13 0.00	40.46 1.99 -7.39	34.83 1.49 0.00	32.00 1.42 -1.43	29.80 1.26 0.00	34.72 1.54 -2.46	39.21 1.75 0.00	33.34 1.37 0.00	134.30 4.23 5.32	40.31 2.10 -2.08	43.88 1.72 0.00	46.54 1.35 -8.14	32.71 1.16 11.27	34.76 0.89 6.65	47.87 1.51 -7.01	48.91 1.87 -7.67
WADING RIVER_IC_3 23601	54.43 1.88 -16.61	41.90 1.69 -6.86	41.36 1.73 -6.19	41.36 1.70 -7.13	44.98 1.71 -11.83	45.70 2.01 -6.86	51.69 1.31 0.00	37.67 0.89 0.00	31.03 1.13 0.00	40.46 1.99 -7.39	34.83 1.49 0.00	32.00 1.42 -1.43	29.80 1.26 0.00	34.72 1.54 -2.46	39.21 1.75 0.00	33.34 1.37 0.00	134.30 4.23 5.32	40.31 2.10 -2.08	43.88 1.72 0.00	46.54 1.35 -8.14	32.71 1.16 11.27	34.76 0.89 6.65	47.87 1.51 -7.01	48.91 1.87 -7.67

WALDENNY_12_KV_BK2 80841	34.51 -1.43 0.00	30.22 -1.62 1.52	32.14 -1.30 0.00	31.17 -1.35 0.00	30.11 -1.34 0.00	35.60 -1.23 0.00	48.34 -2.03 0.00	35.22 -1.56 0.00	29.27 -0.63 0.00	30.96 -0.12 0.00	33.54 0.20 0.00	29.62 0.46 0.00	28.90 0.36 0.00	30.99 0.27 0.00	34.75 -0.57 2.14	31.53 -0.44 0.00	65.24 -6.93 63.23	34.35 -1.78 0.00	39.57 -2.59 0.00	35.09 -1.96 0.00	40.44 -2.37 0.00	33.69 -2.35 4.48	37.04 -2.31 0.00	37.17 -2.20 0.00
WALDEN___HYDRO 24148	37.26 1.32 0.00	34.75 1.23 -0.17	34.61 1.17 0.00	33.58 1.05 0.00	32.42 0.98 0.00	38.07 1.24 0.00	52.29 1.92 0.00	38.33 1.55 0.00	31.16 1.27 0.00	32.48 1.40 0.00	34.67 1.34 0.00	30.11 0.96 0.00	29.55 1.01 0.00	31.77 1.05 0.00	39.05 1.59 0.00	33.24 1.28 0.00	142.45 7.05 0.00	38.06 1.93 0.00	44.35 2.19 0.00	38.96 1.91 0.00	44.93 2.12 0.00	42.77 1.76 -0.49	41.16 1.81 0.00	41.17 1.81 0.00
WARRENSBURG___ 23737	37.87 1.93 0.00	35.01 1.66 0.00	35.12 1.68 0.00	34.31 1.78 0.00	33.19 1.75 0.00	39.01 2.18 0.00	53.43 3.06 0.00	38.88 2.10 0.00	31.38 1.49 0.00	32.42 1.34 0.00	34.58 1.24 0.00	30.29 1.13 0.00	29.54 1.00 0.00	31.80 1.08 0.00	38.77 1.30 0.00	32.98 1.02 0.00	140.56 5.17 0.00	37.51 1.38 0.00	43.50 1.34 0.00	37.95 0.90 0.00	43.88 1.07 0.00	41.81 1.29 0.00	40.68 1.32 0.00	40.70 1.33 0.00
WATERSIDE___6 8 9 23538	37.37 1.42 0.00	34.66 1.30 0.00	34.65 1.21 0.00	33.62 1.10 0.00	32.46 1.02 0.00	38.13 1.30 0.00	52.46 2.09 0.00	38.58 1.80 0.00	31.52 1.62 0.00	32.96 1.88 0.00	35.17 1.84 0.00	30.40 1.24 0.00	29.88 1.34 0.00	32.10 1.38 0.00	39.63 2.16 0.00	33.52 1.56 0.00	144.27 8.87 0.00	38.51 2.38 0.00	44.73 2.57 0.00	39.27 2.22 0.00	45.23 2.42 0.00	42.51 1.98 0.00	41.37 2.01 0.00	41.35 1.98 0.00
WATKINRD_115KV_LN8_ILLION 55919	36.61 0.67 0.00	34.02 0.66 0.00	34.05 0.60 0.00	33.19 0.66 0.00	32.08 0.64 0.00	37.54 0.72 0.00	51.20 0.83 0.00	36.75 -0.03 0.00	29.31 -0.58 0.00	30.13 -0.95 0.00	32.14 -1.20 0.00	28.01 -1.15 0.00	27.39 -1.15 0.00	29.37 -1.35 0.00	36.08 -1.38 0.00	30.91 -1.05 0.00	134.04 -1.36 0.00	36.65 0.52 0.00	43.11 0.95 0.00	37.96 0.91 0.00	43.80 1.00 0.00	41.47 0.95 0.00	40.45 1.09 0.00	40.38 1.01 0.00
WDELAWARE___HYD 323627	37.09 1.15 0.00	34.65 1.09 -0.20	34.48 1.04 0.00	33.50 0.97 0.00	32.37 0.93 0.00	38.03 1.20 0.00	52.29 1.91 0.00	38.09 1.31 0.00	30.16 0.26 0.00	31.29 0.21 0.00	33.33 -0.01 0.00	28.96 -0.20 0.00	28.44 -0.10 0.00	30.57 -0.15 0.00	38.62 0.87 -0.29	32.65 0.69 0.00	148.96 5.05 -8.51	37.66 1.53 0.00	43.90 1.74 0.00	38.59 1.54 0.00	44.51 1.70 0.00	42.48 1.36 -0.59	40.76 1.40 0.00	40.74 1.37 0.00
WEST BABYLON___IC 23714	56.47 2.30 -18.22	43.25 2.22 -7.68	42.54 2.18 -6.93	42.57 2.06 -7.98	46.63 1.95 -13.24	46.78 2.27 -7.68	52.66 2.29 0.00	38.69 1.91 0.00	31.83 1.93 0.00	41.76 2.41 -8.27	35.29 1.95 0.00	32.47 1.71 -1.60	30.24 1.70 0.00	35.37 1.90 -2.75	39.72 2.26 0.00	33.90 1.94 0.00	137.17 6.74 4.97	41.13 2.68 -2.32	44.86 2.70 0.00	48.61 2.45 -9.11	45.52 2.71 0.00	43.19 2.31 -0.36	49.79 2.59 -7.85	50.60 2.65 -8.59
WEST CANADA___HYD 24049	35.98 0.03 0.00	33.39 0.03 0.00	33.47 0.03 0.00	32.56 0.03 0.00	31.46 0.02 0.00	36.84 0.01 0.00	50.38 0.00 0.00	36.78 0.00 0.00	29.91 0.01 0.00	31.10 0.02 0.00	33.34 0.00 0.00	29.16 0.00 0.00	28.54 0.00 0.00	30.72 0.00 0.00	37.48 0.02 0.00	31.97 0.01 0.00	135.66 0.26 0.00	36.20 0.07 0.00	42.24 0.09 0.00	37.10 0.05 0.00	42.86 0.04 0.00	40.56 0.04 0.00	39.42 0.07 0.00	39.44 0.08 0.00
WESTERN_NY_WIND 24143	35.26 -0.69 0.00	31.29 -0.90 1.16	32.74 -0.70 0.00	31.77 -0.76 0.00	30.73 -0.71 0.00	36.33 -0.50 0.00	49.43 -0.94 0.00	35.86 -0.92 0.00	29.51 -0.39 0.00	30.82 -0.26 0.00	33.70 0.36 0.00	29.48 0.32 0.00	29.06 0.51 0.00	31.42 0.70 0.00	35.92 0.08 1.63	31.93 -0.04 0.00	83.08 -4.38 47.94	34.99 -1.14 0.00	40.27 -1.89 0.00	35.81 -1.24 0.00	41.46 -1.35 0.00	35.78 -1.35 3.40	37.98 -1.37 0.00	38.05 -1.31 0.00
WESTOVER___LESR 323668	36.03 0.06 -0.03	35.04 0.03 -1.65	33.51 0.07 0.00	32.58 0.05 0.00	31.49 0.05 0.00	36.95 0.12 0.00	50.57 0.20 0.00	36.89 0.11 0.00	29.99 0.10 0.00	31.35 0.27 0.00	33.59 0.26 0.00	29.46 0.30 0.00	28.81 0.27 0.00	31.04 0.31 0.00	40.17 0.32 -2.38	32.31 0.35 0.00	207.13 1.28 -70.45	36.54 0.41 0.00	42.53 0.37 0.00	37.40 0.35 0.00	43.10 0.29 0.00	45.52 0.13 -4.86	39.53 0.18 0.00	39.53 0.16 0.00
WETHRSFD_WT_PWR 323626	34.32 -1.63 0.00	29.69 -1.80 1.87	32.02 -1.41 0.00	31.13 -1.40 0.00	30.11 -1.33 0.00	35.57 -1.26 0.00	48.35 -2.03 0.00	35.12 -1.66 0.00	28.85 -1.05 0.00	30.64 -0.44 0.00	33.18 -0.15 0.00	29.42 0.26 0.00	28.59 0.05 0.00	30.73 0.01 0.00	34.12 -0.73 2.61	31.45 -0.52 0.00	51.95 -6.51 76.93	34.55 -1.58 0.00	39.81 -2.35 0.00	35.36 -1.69 0.00	40.74 -2.07 0.00	32.81 -2.26 5.45	37.20 -2.15 0.00	37.27 -2.10 0.00
WHAVSTOR_138KV_BK127 55557	37.18 1.24 0.00	34.52 1.17 0.00	34.54 1.10 0.00	33.52 0.99 0.00	32.35 0.91 0.00	37.98 1.15 0.00	52.22 1.85 0.00	38.29 1.51 0.00	31.19 1.29 0.00	32.58 1.50 0.00	34.77 1.43 0.00	30.18 1.03 0.00	29.65 1.11 0.00	31.89 1.17 0.00	39.22 1.75 0.00	33.32 1.36 0.00	142.72 7.33 0.00	38.10 1.97 0.00	44.32 2.16 0.00	38.92 1.87 0.00	44.89 2.08 0.00	42.20 1.67 0.00	41.09 1.73 0.00	41.14 1.77 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.18 1.24 0.00	34.52 1.17 0.00	34.54 1.10 0.00	33.52 0.99 0.00	32.35 0.91 0.00	37.98 1.15 0.00	52.22 1.85 0.00	38.29 1.51 0.00	31.19 1.29 0.00	32.58 1.50 0.00	34.77 1.43 0.00	30.18 1.03 0.00	29.65 1.11 0.00	31.89 1.17 0.00	39.22 1.75 0.00	33.32 1.36 0.00	142.72 7.33 0.00	38.10 1.97 0.00	44.32 2.16 0.00	38.92 1.87 0.00	44.89 2.08 0.00	42.20 1.67 0.00	41.09 1.73 0.00	41.14 1.77 0.00
WHITEHAL_115KV_TB1 80871	38.30 2.35 0.00	35.23 1.87 0.00	35.28 1.84 0.00	34.80 2.27 0.00	33.70 2.26 0.00	39.82 2.99 0.00	54.77 4.39 0.00	39.81 3.03 0.00	32.05 2.15 0.00	32.93 1.86 0.00	34.63 1.29 0.00	30.51 1.35 0.00	29.62 1.07 0.00	31.89 1.17 0.00	39.05 1.58 0.00	33.55 1.59 0.00	143.58 8.18 0.00	38.46 2.33 0.00	44.73 2.57 0.00	38.88 1.82 0.00	45.11 2.31 0.00	42.91 2.39 0.00	41.72 2.37 0.00	41.66 2.29 0.00
WHITEPLN_13_KV_LOAD 356215	37.59 1.64 0.00	34.88 1.53 0.00	34.88 1.44 0.00	33.85 1.32 0.00	32.67 1.23 0.00	38.37 1.54 0.00	52.76 2.38 0.00	38.75 1.97 0.00	31.62 1.72 0.00	33.01 1.93 0.00	35.20 1.86 0.00	30.55 1.39 0.00	30.00 1.45 0.00	32.25 1.53 0.00	39.67 2.21 0.00	33.70 1.74 0.00	144.45 9.05 0.00	38.60 2.47 0.00	44.88 2.72 0.00	39.40 2.34 0.00	45.42 2.61 0.00	42.70 2.18 0.00	41.56 2.20 0.00	41.55 2.19 0.00

WM_FLOYD_69_KV_BK2 356380	54.60 2.01 -16.64	42.04 1.82 -6.87	41.50 1.86 -6.20	41.44 1.77 -7.14	45.03 1.74 -11.85	45.75 2.05 -6.87	51.95 1.57 0.00	37.96 1.18 0.00	31.27 1.37 0.00	40.53 2.05 -7.40	34.87 1.54 0.00	32.02 1.42 -1.44	29.84 1.30 0.00	34.71 1.52 -2.46	39.23 1.77 0.00	33.42 1.46 0.00	134.54 4.47 5.32	40.37 2.16 -2.08	44.12 1.96 0.00	46.89 1.68 -8.15	21.13 1.65 32.33	22.17 1.33 19.67	48.20 1.83 -7.02	49.13 2.08 -7.69
WOODARD__115KV_TB2 355635	35.33 -0.66 -0.05	32.54 -0.64 0.17	32.81 -0.63 0.00	31.91 -0.62 0.00	30.86 -0.58 0.00	36.19 -0.64 0.00	49.49 -0.89 0.00	36.09 -0.69 0.00	29.36 -0.54 0.00	30.64 -0.44 0.00	32.94 -0.40 0.00	28.88 -0.27 0.00	28.27 -0.27 0.00	30.46 -0.26 0.00	37.10 -0.37 0.00	31.69 -0.27 0.00	133.76 -1.63 0.00	35.65 -0.49 0.00	41.47 -0.69 0.00	36.49 -0.56 0.00	42.12 -0.69 0.00	39.31 -0.72 0.50	38.66 -0.69 0.00	38.65 -0.71 0.00
WOODMERE_69_KV_BK1 55827	68.10 2.35 -29.80	47.91 2.21 -12.34	46.72 2.14 -11.13	47.37 2.01 -12.82	54.56 1.83 -21.29	49.75 2.11 -11.82	52.81 2.44 0.00	38.81 2.03 0.00	31.90 2.01 0.00	46.82 2.45 -13.30	35.46 2.12 0.00	33.59 1.85 -2.58	30.41 1.86 0.00	37.18 2.03 -4.43	39.98 2.52 0.00	34.09 2.13 0.00	139.01 7.95 4.34	42.70 2.83 -3.74	45.03 2.87 0.00	54.27 2.57 -14.65	45.73 2.92 0.00	43.54 2.44 -0.58	53.37 2.55 -11.82	
YORK__WARBASSE 23770	37.53 1.58 0.00	34.81 1.46 0.00	34.81 1.37 0.00	33.78 1.25 0.00	32.61 1.18 0.00	38.31 1.48 0.00	52.73 2.35 0.00	38.77 1.99 0.00	31.65 1.75 0.00	33.08 2.00 0.00	35.28 1.94 0.00	30.49 1.34 0.00	29.98 1.44 0.00	32.25 1.53 0.00	39.82 2.35 0.00	33.69 1.73 0.00	144.95 9.55 0.00	38.68 2.56 0.00	44.95 2.80 0.00	39.51 2.45 0.00	45.52 2.71 0.00	42.76 2.24 0.00	41.61 2.26 0.00	41.60 2.24 0.00