

ALBANY__2 23572	46.28 0.28 0.00	33.07 0.43 0.00	28.72 0.39 0.00	36.58 0.42 0.00	37.08 0.35 0.00	38.61 0.40 0.00	53.31 0.40 0.00	80.48 0.42 0.00	37.36 0.37 0.00	27.32 0.24 0.00	37.00 0.16 0.00	39.01 0.30 0.00	36.85 0.43 0.00	36.25 0.48 0.00	35.49 0.55 0.00	34.44 0.53 0.00	34.92 0.47 0.00	42.40 0.56 0.00	50.15 0.64 0.00	51.84 0.72 0.00	63.51 0.57 0.00	116.48 0.91 0.00	50.10 0.43 0.00	43.24 0.45 0.00
ALBANY__3 23573	46.28 0.28 0.00	33.07 0.43 0.00	28.72 0.39 0.00	36.58 0.42 0.00	37.08 0.35 0.00	38.61 0.40 0.00	53.31 0.40 0.00	80.48 0.42 0.00	37.36 0.37 0.00	27.32 0.24 0.00	37.00 0.16 0.00	39.01 0.30 0.00	36.85 0.43 0.00	36.25 0.48 0.00	35.49 0.55 0.00	34.44 0.53 0.00	34.92 0.47 0.00	42.40 0.56 0.00	50.15 0.64 0.00	51.84 0.72 0.00	63.51 0.57 0.00	116.48 0.91 0.00	50.10 0.43 0.00	43.24 0.45 0.00
ALBANY__4 23574	46.28 0.28 0.00	33.07 0.43 0.00	28.72 0.39 0.00	36.58 0.42 0.00	37.08 0.35 0.00	38.61 0.40 0.00	53.31 0.40 0.00	80.48 0.42 0.00	37.36 0.37 0.00	27.32 0.24 0.00	37.00 0.16 0.00	39.01 0.30 0.00	36.85 0.43 0.00	36.25 0.48 0.00	35.49 0.55 0.00	34.44 0.53 0.00	34.92 0.47 0.00	42.40 0.56 0.00	50.15 0.64 0.00	51.84 0.72 0.00	63.51 0.57 0.00	116.48 0.91 0.00	50.10 0.43 0.00	43.24 0.45 0.00
ALBANY__LFGE 323615	46.75 0.75 0.00	33.37 0.73 0.00	28.98 0.65 0.00	36.92 0.76 0.00	37.41 0.69 0.00	38.98 0.76 0.00	53.85 0.95 0.00	81.28 1.22 0.00	37.71 0.72 0.00	27.57 0.48 0.00	37.37 0.53 0.00	39.42 0.70 0.00	37.25 0.83 0.00	36.66 0.89 0.00	35.87 0.92 0.00	34.82 0.91 0.00	35.31 0.86 0.00	42.89 1.05 0.00	50.77 1.27 0.00	52.48 1.36 0.00	64.28 1.34 0.00	117.85 2.29 0.00	50.66 1.00 0.00	43.70 0.91 0.00
ALCOA_PA_115KV_PL-6C 55860	46.28 0.27 0.00	32.70 0.06 0.00	28.34 0.01 0.00	36.26 0.10 0.00	36.91 0.19 0.00	38.45 0.23 0.00	53.21 0.31 0.00	80.16 0.10 0.00	36.80 -0.19 0.00	26.96 -0.12 0.00	36.69 -0.14 0.00	38.62 -0.10 0.00	36.22 -0.20 0.00	35.56 -0.22 0.00	34.69 -0.25 0.00	33.63 -0.29 0.00	34.15 -0.30 0.00	41.54 -0.30 0.00	48.17 -0.43 0.00	50.05 -0.42 0.00	62.66 -0.28 0.00	115.15 -0.42 0.00	49.54 -0.11 0.00	42.69 -0.11 0.00
ALCOA_RYNLDS__DRP 24188	46.28 0.27 0.00	32.70 0.06 0.00	28.34 0.01 0.00	36.26 0.10 0.00	36.91 0.19 0.00	38.44 0.23 0.00	53.21 0.31 0.00	80.15 0.10 0.00	36.80 -0.19 0.00	26.96 -0.12 0.00	36.69 -0.14 0.00	38.62 -0.10 0.00	36.22 -0.20 0.00	35.55 -0.22 0.00	34.69 -0.25 0.00	33.63 -0.29 0.00	34.15 -0.30 0.00	41.54 -0.30 0.00	48.17 -0.43 0.91	50.04 -0.44 0.65	62.66 -0.28 0.00	115.15 -0.42 0.00	49.54 -0.11 0.00	42.69 -0.11 0.00
ALCOA__DSASP 323711	46.28 0.27 0.00	32.70 0.06 0.00	28.34 0.01 0.00	36.26 0.10 0.00	36.91 0.19 0.00	38.44 0.23 0.00	53.21 0.31 0.00	80.15 0.10 0.00	36.80 -0.19 0.00	26.96 -0.12 0.00	36.69 -0.14 0.00	38.62 -0.10 0.00	36.22 -0.20 0.00	35.55 -0.22 0.00	34.69 -0.25 0.00	33.63 -0.29 0.00	34.15 -0.30 0.00	41.54 -0.30 0.00	48.17 -0.43 0.91	50.04 -0.44 0.65	62.66 -0.28 0.00	115.15 -0.42 0.00	49.54 -0.11 0.00	42.69 -0.11 0.00
ALLEGHENY__COGEN 23514	46.77 0.76 0.00	32.91 0.27 0.00	28.49 0.15 0.00	36.42 0.26 0.00	37.09 0.36 0.00	39.06 0.85 0.00	54.28 1.38 0.00	83.94 3.88 0.00	38.65 1.66 0.00	28.22 1.13 0.00	38.33 1.50 0.00	39.57 0.85 0.00	37.10 0.68 0.00	36.28 0.50 0.00	35.48 0.53 0.00	34.47 0.55 0.00	35.07 0.63 0.00	42.03 0.19 0.00	50.59 1.08 0.00	53.51 2.38 0.00	66.58 3.64 0.00	121.74 6.17 0.00	52.17 2.51 0.00	44.77 1.98 0.00
ALTMONT_115KV_TB 2 55880	46.87 0.86 0.00	33.38 0.74 0.00	29.01 0.67 0.00	36.96 0.80 0.00	37.48 0.76 0.00	39.03 0.82 0.00	53.91 1.01 0.00	81.55 1.50 0.00	37.75 0.76 0.00	27.57 0.49 0.00	37.46 0.62 0.00	39.47 0.75 0.00	37.22 0.80 0.00	36.61 0.83 0.00	35.80 0.86 0.00	34.75 0.84 0.00	35.28 0.83 0.00	42.88 1.04 0.00	50.75 1.24 0.00	52.53 1.40 0.00	64.38 1.45 0.00	118.06 2.50 0.00	50.72 1.06 0.00	43.74 0.95 0.00
ALTONA_WT_PWR 323606	46.07 0.06 0.00	32.57 -0.07 0.00	28.29 -0.05 0.00	36.26 0.10 0.00	36.83 0.11 0.00	38.24 0.03 0.00	52.90 0.00 0.00	79.03 -1.03 0.00	36.46 -0.53 0.00	26.86 -0.22 0.00	36.41 -0.43 0.00	38.36 -0.36 0.00	36.01 -0.41 0.00	35.27 -0.50 0.00	34.39 -0.56 0.00	33.32 -0.59 0.00	33.85 -0.60 0.00	41.34 -0.50 0.00	48.20 -0.73 0.00	50.20 -0.51 0.00	62.68 -0.25 0.00	115.50 -0.06 0.00	49.83 0.17 0.00	42.97 0.18 0.00
AMERICAN_REF_FUEL 24010	42.48 -3.53 0.00	29.79 -2.85 0.00	25.77 -2.56 0.00	33.02 -3.14 0.00	33.62 -3.10 0.00	35.29 -2.92 0.00	48.43 -4.47 0.00	75.32 -4.74 0.00	34.96 -2.03 0.00	26.00 -1.08 0.00	35.92 -0.91 0.00	37.39 -1.32 0.00	35.07 -1.35 0.00	34.38 -1.40 0.00	33.60 -1.35 0.00	32.61 -1.31 0.00	32.86 -1.59 0.00	38.50 -3.34 0.00	45.56 -3.94 0.00	48.11 -3.02 0.00	59.36 -3.58 0.00	108.97 -6.60 0.00	47.24 -2.42 0.00	40.54 -2.25 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	44.28 -1.72 0.00	31.04 -1.60 0.00	26.90 -1.44 0.00	34.56 -1.60 0.00	34.78 -1.94 0.00	36.62 -1.59 0.00	50.23 -2.67 0.00	78.39 -1.67 0.00	36.34 -0.65 0.00	27.06 -0.02 0.00	37.48 0.65 0.00	38.78 0.07 0.00	36.45 0.03 0.00	35.71 -0.06 0.00	34.98 0.03 0.00	34.02 0.11 0.00	34.31 -0.13 0.00	40.49 -1.35 0.00	48.30 -1.21 0.00	51.09 -0.03 0.00	63.35 0.41 0.00	115.60 0.03 0.00	49.57 -0.09 0.00	42.87 0.07 0.00
ARTHUR KILL_GT_1 23520	48.55 2.55 0.00	34.52 1.87 0.00	29.89 1.56 0.00	38.04 1.89 0.00	38.63 1.91 0.00	40.45 2.23 0.00	56.04 3.14 0.00	85.44 5.39 0.00	39.88 2.88 -0.01	28.94 1.85 0.00	39.33 2.49 0.00	41.24 2.52 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.60 2.65 0.00	36.50 2.58 0.00	37.16 2.71 0.00	44.93 3.09 0.00	52.57 3.21 0.14	54.55 3.43 0.00	66.28 3.34 0.00	120.03 4.46 0.00	51.87 2.21 0.00	44.93 2.14 0.00
ARTHUR_KILL_2 23512	48.41 2.41 0.00	34.42 1.78 0.00	29.80 1.47 0.00	37.94 1.78 0.00	38.51 1.79 0.00	40.32 2.11 0.00	55.85 2.95 0.00	85.18 5.12 0.00	39.75 2.76 -0.01	28.87 1.78 0.00	39.23 2.39 0.00	41.15 2.44 0.00	38.90 2.48 0.00	38.38 2.60 0.00	37.52 2.57 0.00	36.42 2.50 0.00	37.08 2.64 0.00	44.84 3.00 0.00	52.43 3.06 0.14	54.36 3.23 0.00	66.04 3.10 0.00	119.64 4.07 0.00	51.68 2.02 0.00	44.82 2.02 0.00
ARTHUR_KILL_3 23513	47.72 1.72 0.00	33.83 1.18 0.00	29.30 0.97 0.00	37.27 1.11 0.00	37.85 1.13 0.00	39.62 1.41 0.00	54.83 1.93 0.00	83.81 3.75 0.00	39.04 2.05 0.00	28.47 1.38 0.00	38.87 2.04 0.00	40.91 2.19 0.00	38.76 2.34 0.00	38.21 2.43 0.00	37.31 2.37 0.00	36.23 2.32 0.00	36.87 2.43 0.00	44.70 2.87 0.00	52.54 3.18 0.14	52.55 3.34 1.92	63.05 3.25 3.14	116.48 4.55 3.63	51.57 1.91 0.00	44.76 1.96 0.00

ARTHUR_KILL_COGEN 323718	48.55 2.55 0.00	34.52 1.87 0.00	29.89 1.56 0.00	38.04 1.88 0.00	38.63 1.91 0.00	40.45 2.23 0.00	56.03 3.13 0.00	85.44 5.38 0.00	39.88 2.89 -0.01	28.94 1.85 0.00	39.33 2.49 0.00	41.24 2.53 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.59 2.65 0.00	36.49 2.59 0.00	37.16 2.71 0.00	44.93 3.10 0.00	52.57 3.21 0.14	54.55 3.43 0.00	66.29 3.35 0.00	120.09 4.53 0.00	51.88 2.22 0.00	44.94 2.14 0.00
ASHOKAN____ 23654	47.77 1.76 0.00	33.93 1.29 0.00	29.44 1.11 0.00	37.48 1.33 0.00	38.08 1.35 0.00	39.83 1.61 0.00	55.27 2.37 0.00	84.13 4.07 0.00	38.91 1.92 0.00	28.32 1.24 0.00	38.63 1.80 0.00	40.55 1.84 0.00	38.06 1.64 0.00	37.33 1.56 0.00	36.40 1.45 0.00	35.41 1.50 0.00	36.02 1.58 0.00	43.69 1.86 0.00	51.80 2.29 0.00	53.77 2.65 0.00	65.80 2.87 0.00	119.72 4.15 0.00	51.44 1.78 0.00	44.35 1.56 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.67 1.67 0.00	33.88 1.24 0.00	29.26 0.93 0.00	37.22 1.06 0.00	37.78 1.06 0.00	39.57 1.36 0.00	54.83 1.93 0.00	83.95 3.89 0.00	39.11 2.12 -0.01	28.54 1.45 0.00	39.00 2.16 0.00	41.11 2.39 0.00	38.96 2.54 0.00	38.44 2.67 0.00	37.52 2.57 0.00	36.41 2.50 0.00	37.04 2.60 0.00	44.89 3.05 0.00	52.91 3.40 0.00	54.70 3.57 0.00	66.25 3.31 0.00	119.93 4.36 0.00	51.65 1.99 0.00	44.68 1.89 0.00
ASTORIA_EAST_ENERGY_CC2 323582	47.67 1.67 0.00	33.88 1.24 0.00	29.26 0.93 0.00	37.22 1.06 0.00	37.78 1.06 0.00	39.57 1.36 0.00	54.83 1.93 0.00	83.95 3.89 0.00	39.11 2.12 -0.01	28.54 1.45 0.00	39.00 2.16 0.00	41.10 2.39 0.00	38.96 2.54 0.00	38.44 2.67 0.00	37.52 2.57 0.00	36.41 2.50 0.00	37.04 2.60 0.00	44.89 3.05 0.00	52.91 3.40 0.00	54.70 3.57 0.00	66.25 3.31 0.00	119.93 4.36 0.00	51.65 1.99 0.00	44.68 1.89 0.00
ASTORIA_GT2_1 24094	47.70 1.69 0.00	33.90 1.26 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.86 1.97 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.02 2.19 0.00	41.12 2.41 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.27 3.34 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.70 1.91 0.00
ASTORIA_GT2_2 24095	47.70 1.69 0.00	33.90 1.26 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.86 1.97 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.02 2.19 0.00	41.12 2.41 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.27 3.34 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.70 1.91 0.00
ASTORIA_GT2_3 24096	47.70 1.69 0.00	33.90 1.26 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.86 1.97 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.02 2.19 0.00	41.12 2.41 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.27 3.34 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.70 1.91 0.00
ASTORIA_GT2_4 24097	47.70 1.69 0.00	33.90 1.26 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.86 1.97 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.02 2.19 0.00	41.12 2.41 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.27 3.34 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.70 1.91 0.00
ASTORIA_GT3_1 24098	47.70 1.69 0.00	33.90 1.26 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.86 1.97 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.02 2.19 0.00	41.11 2.40 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.27 3.34 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.70 1.91 0.00
ASTORIA_GT3_2 24099	47.70 1.69 0.00	33.90 1.26 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.86 1.97 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.02 2.19 0.00	41.11 2.40 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.27 3.34 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.70 1.91 0.00
ASTORIA_GT3_3 24100	47.70 1.69 0.00	33.90 1.26 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.86 1.97 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.02 2.19 0.00	41.11 2.40 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.27 3.34 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.70 1.91 0.00
ASTORIA_GT3_4 24101	47.70 1.69 0.00	33.90 1.26 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.86 1.97 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.02 2.19 0.00	41.11 2.40 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.27 3.34 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.70 1.91 0.00
ASTORIA_GT4_1 24102	47.70 1.69 0.00	33.90 1.26 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.86 1.97 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.02 2.19 0.00	41.11 2.40 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.27 3.34 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.70 1.91 0.00
ASTORIA_GT4_2 24103	47.70 1.69 0.00	33.90 1.26 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.86 1.97 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.02 2.19 0.00	41.11 2.40 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.27 3.34 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.70 1.91 0.00
ASTORIA_GT4_3 24104	47.70 1.69 0.00	33.90 1.26 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.86 1.97 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.02 2.19 0.00	41.11 2.40 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.27 3.34 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.70 1.91 0.00

ASTORIA_GT4_4 24105	47.70 1.69 0.00	33.90 1.26 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.86 1.97 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.02 2.19 0.00	41.11 2.40 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.27 3.34 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.70 1.91 0.00
ASTORIA_GT_1 23523	47.77 1.76 0.00	33.95 1.31 0.00	29.31 0.98 0.00	37.29 1.13 0.00	37.85 1.13 0.00	39.65 1.43 0.00	54.93 2.04 0.00	84.15 4.09 0.00	39.21 2.21 -0.01	28.61 1.52 0.00	39.10 2.26 0.00	41.19 2.48 0.00	39.06 2.63 0.00	38.53 2.76 0.00	37.60 2.65 0.00	36.49 2.58 0.00	37.12 2.68 0.00	44.99 3.15 0.00	53.02 3.51 0.00	54.83 3.70 0.00	66.41 3.48 0.00	120.27 4.70 0.00	51.77 2.11 0.00	44.78 1.99 0.00
ASTORIA_GT_10 24110	47.85 1.85 0.00	33.97 1.33 0.00	29.41 1.07 0.00	37.43 1.27 0.00	38.00 1.28 0.00	39.79 1.57 0.00	55.08 2.18 0.00	84.23 4.17 0.00	39.27 2.28 -0.01	28.66 1.57 0.00	39.16 2.32 0.00	41.19 2.47 0.00	39.01 2.58 0.00	38.46 2.68 0.00	37.55 2.60 0.00	36.45 2.53 0.00	37.09 2.64 0.00	44.95 3.11 0.00	52.91 3.41 0.00	54.70 3.58 0.00	66.41 3.47 0.00	120.49 4.92 0.00	51.81 2.15 0.00	44.90 2.10 0.00
ASTORIA_GT_11 24225	47.85 1.85 0.00	33.97 1.33 0.00	29.41 1.07 0.00	37.43 1.27 0.00	38.00 1.28 0.00	39.79 1.57 0.00	55.08 2.18 0.00	84.23 4.17 0.00	39.27 2.28 -0.01	28.66 1.57 0.00	39.16 2.32 0.00	41.19 2.47 0.00	39.01 2.58 0.00	38.46 2.68 0.00	37.55 2.60 0.00	36.45 2.53 0.00	37.09 2.64 0.00	44.95 3.11 0.00	52.91 3.41 0.00	54.70 3.58 0.00	66.41 3.47 0.00	120.49 4.92 0.00	51.81 2.15 0.00	44.90 2.10 0.00
ASTORIA_GT_12 24226	47.85 1.85 0.00	33.97 1.33 0.00	29.41 1.07 0.00	37.43 1.27 0.00	38.00 1.28 0.00	39.79 1.57 0.00	55.08 2.18 0.00	84.23 4.17 0.00	39.27 2.28 -0.01	28.66 1.57 0.00	39.16 2.32 0.00	41.19 2.47 0.00	39.01 2.58 0.00	38.46 2.68 0.00	37.55 2.60 0.00	36.45 2.53 0.00	37.09 2.64 0.00	44.95 3.11 0.00	52.91 3.41 0.00	54.70 3.58 0.00	66.41 3.47 0.00	120.49 4.92 0.00	51.81 2.15 0.00	44.90 2.10 0.00
ASTORIA_GT_13 24227	47.85 1.85 0.00	33.97 1.33 0.00	29.41 1.07 0.00	37.43 1.27 0.00	38.00 1.28 0.00	39.79 1.57 0.00	55.08 2.18 0.00	84.23 4.17 0.00	39.27 2.28 -0.01	28.66 1.57 0.00	39.16 2.32 0.00	41.19 2.47 0.00	39.01 2.58 0.00	38.46 2.68 0.00	37.55 2.60 0.00	36.45 2.53 0.00	37.09 2.64 0.00	44.95 3.11 0.00	52.91 3.41 0.00	54.70 3.58 0.00	66.41 3.47 0.00	120.49 4.92 0.00	51.81 2.15 0.00	44.90 2.10 0.00
ASTORIA_GT_5 24106	47.77 1.76 0.00	33.95 1.31 0.00	29.31 0.98 0.00	37.29 1.13 0.00	37.85 1.13 0.00	39.65 1.43 0.00	54.93 2.04 0.00	84.15 4.09 0.00	39.21 2.21 -0.01	28.61 1.52 0.00	39.10 2.26 0.00	41.19 2.48 0.00	39.06 2.63 0.00	38.53 2.76 0.00	37.60 2.65 0.00	36.49 2.58 0.00	37.12 2.68 0.00	44.99 3.15 0.00	53.02 3.51 0.00	54.83 3.70 0.00	66.41 3.48 0.00	120.27 4.70 0.00	51.77 2.11 0.00	44.78 1.99 0.00
ASTORIA_GT_7 24107	47.77 1.76 0.00	33.95 1.31 0.00	29.31 0.98 0.00	37.29 1.13 0.00	37.85 1.13 0.00	39.65 1.43 0.00	54.93 2.04 0.00	84.15 4.09 0.00	39.21 2.21 -0.01	28.61 1.52 0.00	39.10 2.26 0.00	41.19 2.48 0.00	39.06 2.63 0.00	38.53 2.76 0.00	37.60 2.65 0.00	36.49 2.58 0.00	37.12 2.68 0.00	44.99 3.15 0.00	53.02 3.51 0.00	54.83 3.70 0.00	66.41 3.48 0.00	120.27 4.70 0.00	51.77 2.11 0.00	44.78 1.99 0.00
ASTORIA_GT_8 24108	47.77 1.76 0.00	33.95 1.31 0.00	29.31 0.98 0.00	37.29 1.13 0.00	37.85 1.13 0.00	39.65 1.43 0.00	54.93 2.04 0.00	84.15 4.09 0.00	39.21 2.21 -0.01	28.61 1.52 0.00	39.10 2.26 0.00	41.19 2.48 0.00	39.06 2.63 0.00	38.53 2.76 0.00	37.60 2.65 0.00	36.49 2.58 0.00	37.12 2.68 0.00	44.99 3.15 0.00	53.02 3.51 0.00	54.83 3.70 0.00	66.41 3.48 0.00	120.27 4.70 0.00	51.77 2.11 0.00	44.78 1.99 0.00
ASTORIA___2 24149	47.70 1.70 0.00	33.90 1.26 0.00	29.27 0.94 0.00	37.24 1.08 0.00	37.80 1.08 0.00	39.60 1.38 0.00	54.85 1.95 0.00	84.00 3.94 0.00	39.13 2.14 -0.01	28.55 1.47 0.00	39.03 2.19 0.00	41.11 2.40 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.52 2.58 0.00	36.42 2.51 0.00	37.05 2.61 0.00	44.91 3.07 0.00	52.92 3.41 0.00	54.72 3.59 0.00	66.28 3.35 0.00	120.03 4.47 0.00	51.68 2.02 0.00	44.71 1.92 0.00
ASTORIA___3 23516	47.85 1.85 0.00	33.97 1.33 0.00	29.41 1.08 0.00	37.43 1.27 0.00	38.00 1.28 0.00	39.79 1.57 0.00	55.08 2.17 0.00	84.23 4.17 0.00	39.28 2.28 -0.01	28.65 1.57 0.00	39.16 2.32 0.00	41.19 2.48 0.00	39.00 2.58 0.00	38.46 2.68 0.00	37.55 2.60 0.00	36.45 2.53 0.00	37.09 2.64 0.00	44.95 3.11 0.00	52.92 3.41 0.00	54.70 3.57 0.00	66.42 3.48 0.00	120.49 4.92 0.00	51.82 2.15 0.00	44.90 2.11 0.00
ASTORIA___4 23517	47.85 1.85 0.00	33.97 1.33 0.00	29.41 1.07 0.00	37.43 1.27 0.00	38.00 1.28 0.00	39.79 1.57 0.00	55.08 2.18 0.00	84.23 4.17 0.00	39.27 2.28 -0.01	28.66 1.57 0.00	39.16 2.32 0.00	41.19 2.47 0.00	39.01 2.58 0.00	38.46 2.68 0.00	37.55 2.60 0.00	36.45 2.53 0.00	37.09 2.64 0.00	44.95 3.11 0.00	52.91 3.41 0.00	54.70 3.58 0.00	66.41 3.47 0.00	120.49 4.92 0.00	51.81 2.15 0.00	44.90 2.10 0.00
ASTORIA___5 23518	47.85 1.85 0.00	33.97 1.33 0.00	29.41 1.08 0.00	37.43 1.27 0.00	38.00 1.28 0.00	39.79 1.57 0.00	55.08 2.17 0.00	84.23 4.17 0.00	39.28 2.28 -0.01	28.65 1.57 0.00	39.16 2.32 0.00	41.19 2.48 0.00	39.00 2.58 0.00	38.46 2.68 0.00	37.55 2.60 0.00	36.45 2.53 0.00	37.09 2.64 0.00	44.95 3.11 0.00	52.92 3.41 0.00	54.70 3.57 0.00	66.42 3.48 0.00	120.49 4.92 0.00	51.82 2.15 0.00	44.90 2.11 0.00
AST_ENERGY_2_CC3 323677	47.79 1.79 0.00	33.92 1.28 0.00	29.39 1.05 0.00	37.37 1.21 0.00	37.96 1.23 0.00	39.72 1.50 0.00	54.96 2.06 0.00	83.95 3.89 0.00	39.12 2.13 0.00	28.55 1.46 0.00	38.99 2.15 0.00	41.03 2.32 0.00	38.86 2.44 0.00	38.29 2.52 0.00	37.39 2.44 0.00	36.30 2.39 0.00	36.94 2.49 0.00	44.80 2.96 0.00	52.83 3.32 0.00	54.64 3.52 0.00	66.43 3.50 0.00	120.58 5.01 0.00	51.73 2.08 0.00	44.81 2.02 0.00
AST_ENERGY_2_CC4 323678	47.79 1.79 0.00	33.92 1.28 0.00	29.39 1.05 0.00	37.37 1.21 0.00	37.96 1.23 0.00	39.72 1.50 0.00	54.96 2.06 0.00	83.95 3.89 0.00	39.12 2.13 0.00	28.55 1.46 0.00	38.99 2.15 0.00	41.03 2.32 0.00	38.86 2.44 0.00	38.29 2.52 0.00	37.39 2.44 0.00	36.30 2.39 0.00	36.94 2.49 0.00	44.80 2.96 0.00	52.83 3.32 0.00	54.64 3.52 0.00	66.43 3.50 0.00	120.58 5.01 0.00	51.73 2.08 0.00	44.81 2.02 0.00

ATHENS_STG_1 23668	47.16 1.16 0.00	33.54 0.90 0.00	29.14 0.80 0.00	37.11 0.95 0.00	37.66 0.94 0.00	39.21 0.99 0.00	54.19 1.29 0.00	82.21 2.16 0.00	38.14 1.15 0.00	27.85 0.77 0.00	37.91 1.07 0.00	39.92 1.21 0.00	37.68 1.26 0.00	37.07 1.29 0.00	36.23 1.29 0.00	35.18 1.27 0.00	35.75 1.30 0.00	43.47 1.63 0.00	51.36 1.86 0.00	53.17 2.04 0.00	64.98 2.05 0.00	118.87 3.31 0.00	51.03 1.37 0.00	44.06 1.27 0.00
ATHENS_STG_2 23670	47.16 1.16 0.00	33.54 0.90 0.00	29.14 0.80 0.00	37.11 0.95 0.00	37.66 0.94 0.00	39.21 0.99 0.00	54.19 1.29 0.00	82.21 2.16 0.00	38.14 1.15 0.00	27.85 0.77 0.00	37.91 1.07 0.00	39.92 1.21 0.00	37.68 1.26 0.00	37.07 1.29 0.00	36.23 1.29 0.00	35.18 1.27 0.00	35.75 1.30 0.00	43.47 1.63 0.00	51.36 1.86 0.00	53.17 2.04 0.00	64.98 2.05 0.00	118.87 3.31 0.00	51.03 1.37 0.00	44.06 1.27 0.00
ATHENS_STG_3 23677	47.16 1.16 0.00	33.54 0.90 0.00	29.14 0.80 0.00	37.11 0.95 0.00	37.66 0.94 0.00	39.21 0.99 0.00	54.19 1.29 0.00	82.21 2.16 0.00	38.14 1.15 0.00	27.85 0.77 0.00	37.91 1.07 0.00	39.92 1.21 0.00	37.68 1.26 0.00	37.07 1.29 0.00	36.23 1.29 0.00	35.18 1.27 0.00	35.75 1.30 0.00	43.47 1.63 0.00	51.36 1.86 0.00	53.17 2.04 0.00	64.98 2.05 0.00	118.87 3.31 0.00	51.03 1.37 0.00	44.06 1.27 0.00
AUBURN___LFGE 323710	45.90 -0.10 0.00	32.52 -0.12 0.00	28.24 -0.10 0.00	36.03 -0.13 0.00	36.60 -0.11 0.00	38.28 0.06 0.00	53.10 0.20 0.00	80.83 0.78 0.00	37.25 0.26 0.00	27.28 0.20 0.00	37.16 0.32 0.00	38.77 0.06 0.00	36.44 0.02 0.00	35.77 0.00 0.00	34.88 -0.07 0.00	33.91 0.00 0.00	34.41 -0.04 0.00	41.69 -0.15 0.00	49.55 0.04 0.00	51.61 0.49 0.00	63.58 0.65 0.00	116.36 0.80 0.00	49.94 0.28 0.00	43.02 0.22 0.00
BABYLON_RES_REC 323704	47.58 1.58 0.00	34.17 1.53 0.00	29.67 1.34 0.00	37.64 1.48 0.00	38.12 1.40 0.00	39.67 1.45 0.00	53.82 1.40 0.49	69.41 2.81 13.46	39.21 1.91 -0.31	28.65 1.57 0.00	46.66 2.41 -7.41	42.21 2.77 -0.73	39.09 2.67 0.00	38.30 2.52 0.00	37.40 2.46 0.00	36.32 2.41 0.00	36.44 2.00 0.00	42.35 2.19 1.68	51.21 2.66 0.96	55.24 3.23 -0.88	67.39 3.18 -1.28	117.74 4.14 1.97	36.82 1.50 14.34	33.42 1.40 10.77
BALL_HILL_WT_PWR 323825	43.91 -2.10 0.00	30.82 -1.82 0.00	26.68 -1.65 0.00	34.20 -1.96 0.00	34.65 -2.08 0.00	36.45 -1.77 0.00	50.05 -2.85 0.00	77.85 -2.21 0.00	36.11 -0.88 0.00	26.79 -0.29 0.00	37.02 0.19 0.00	38.38 -0.34 0.00	36.05 -0.37 0.00	35.37 -0.41 0.00	34.63 -0.32 0.00	33.67 -0.24 0.00	34.00 -0.45 0.00	40.04 -1.80 0.00	47.61 -1.90 0.00	50.25 -0.88 0.00	62.17 -0.76 0.00	113.70 -1.86 0.00	48.88 -0.78 0.00	42.17 -0.63 0.00
BARON_WINDS___WT_PWR 323822	43.97 -2.03 0.00	31.03 -1.61 0.00	26.87 -1.46 0.00	34.35 -1.81 0.00	34.86 -1.87 0.00	36.55 -1.66 0.00	50.43 -2.47 0.00	77.78 -2.28 0.00	35.96 -1.03 0.00	26.42 -0.66 0.00	36.31 -0.52 0.00	37.46 -1.25 0.00	35.10 -1.32 0.00	34.56 -1.22 0.00	33.83 -1.11 0.00	33.10 -0.81 0.00	33.60 -0.85 0.00	39.84 -2.00 0.00	47.69 -1.81 0.00	50.52 -0.61 0.00	62.58 -0.36 0.00	114.48 -1.09 0.00	49.00 -0.66 0.00	42.37 -0.42 0.00
BARRETT_IC_1 23704	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82
BARRETT_IC_10 23701	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82
BARRETT_IC_11 23702	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82
BARRETT_IC_12 23703	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82
BARRETT_IC_2 23705	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82
BARRETT_IC_3 23706	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82
BARRETT_IC_4 23707	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82
BARRETT_IC_5 23708	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82

BARRETT_IC_6 23709	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82
BARRETT_IC_7 23710	47.31 1.31 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.68 1.21 1.43	80.67 2.24 1.62	38.70 1.71 0.00	28.49 1.41 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.42 2.48 0.00	36.28 2.37 0.00	36.39 1.95 0.00	41.30 2.07 2.60	49.94 2.44 2.01	53.91 2.79 0.00	65.64 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.12 1.15 10.82
BARRETT_IC_8 23711	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82
BARRETT_IC_9 23700	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82
BARRETT__1 23545	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82
BARRETT__2 23546	47.31 1.30 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.43 1.27 0.00	37.94 1.22 0.00	39.51 1.29 0.00	52.61 1.14 1.43	80.68 2.24 1.62	38.70 1.71 0.00	28.49 1.40 0.00	46.16 2.26 -7.06	42.02 2.61 -0.70	39.04 2.62 0.00	38.29 2.52 0.00	37.43 2.48 -0.01	36.28 2.37 0.00	36.40 1.95 0.00	41.28 2.05 2.60	49.93 2.43 2.01	53.92 2.79 0.00	65.65 2.71 0.00	114.80 3.19 3.96	35.44 1.15 15.37	33.09 1.12 10.82
BATAVIA__115KV_TB1 55881	44.84 -1.17 0.00	31.48 -1.17 0.00	27.28 -1.06 0.00	34.93 -1.23 0.00	35.57 -1.15 0.00	37.45 -0.77 0.00	51.74 -1.17 0.00	80.31 0.25 0.00	37.14 0.15 0.00	27.40 0.32 0.00	37.64 0.80 0.00	39.10 0.39 0.00	36.60 0.18 0.00	35.81 0.03 0.00	34.84 -0.11 0.00	33.83 -0.08 0.00	33.98 -0.46 0.00	40.35 -1.49 0.00	48.01 -1.50 0.00	51.01 -0.12 0.00	63.10 0.17 0.00	115.57 0.00 0.00	49.84 0.18 0.00	42.72 -0.08 0.00
BAYONEEC__CTG1 323682	47.85 1.85 0.00	33.94 1.30 0.00	29.41 1.07 0.00	37.40 1.24 0.00	37.99 1.27 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.03 3.98 0.00	39.16 2.17 0.00	28.57 1.49 0.00	39.02 2.18 0.00	41.06 2.35 0.00	38.87 2.45 0.00	38.33 2.55 0.00	37.41 2.47 0.00	36.33 2.42 0.00	36.97 2.52 0.00	44.83 3.00 0.00	52.87 3.36 0.00	54.67 3.54 0.00	66.46 3.52 0.00	120.58 5.02 0.00	51.76 2.10 0.00	44.86 2.06 0.00
BAYONEEC__CTG10 323750	47.85 1.85 0.00	33.94 1.30 0.00	29.41 1.07 0.00	37.40 1.24 0.00	37.99 1.27 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.03 3.98 0.00	39.16 2.17 0.00	28.57 1.49 0.00	39.02 2.18 0.00	41.06 2.35 0.00	38.87 2.45 0.00	38.33 2.55 0.00	37.41 2.47 0.00	36.33 2.42 0.00	36.97 2.52 0.00	44.83 3.00 0.00	52.87 3.36 0.00	54.67 3.54 0.00	66.46 3.52 0.00	120.58 5.02 0.00	51.76 2.10 0.00	44.86 2.06 0.00
BAYONEEC__CTG2 323683	47.85 1.85 0.00	33.94 1.30 0.00	29.41 1.07 0.00	37.40 1.24 0.00	37.99 1.27 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.03 3.98 0.00	39.16 2.17 0.00	28.57 1.49 0.00	39.02 2.18 0.00	41.06 2.35 0.00	38.87 2.45 0.00	38.33 2.55 0.00	37.41 2.47 0.00	36.33 2.42 0.00	36.97 2.52 0.00	44.83 3.00 0.00	52.87 3.36 0.00	54.67 3.54 0.00	66.46 3.52 0.00	120.58 5.02 0.00	51.76 2.10 0.00	44.86 2.06 0.00
BAYONEEC__CTG3 323684	47.85 1.85 0.00	33.94 1.30 0.00	29.41 1.07 0.00	37.40 1.24 0.00	37.99 1.27 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.03 3.98 0.00	39.16 2.17 0.00	28.57 1.49 0.00	39.02 2.18 0.00	41.06 2.35 0.00	38.87 2.45 0.00	38.33 2.55 0.00	37.41 2.47 0.00	36.33 2.42 0.00	36.97 2.52 0.00	44.83 3.00 0.00	52.87 3.36 0.00	54.67 3.54 0.00	66.46 3.52 0.00	120.58 5.02 0.00	51.76 2.10 0.00	44.86 2.06 0.00
BAYONEEC__CTG4 323685	47.85 1.85 0.00	33.94 1.30 0.00	29.41 1.07 0.00	37.40 1.24 0.00	37.99 1.27 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.03 3.98 0.00	39.16 2.17 0.00	28.57 1.49 0.00	39.02 2.18 0.00	41.06 2.35 0.00	38.87 2.45 0.00	38.33 2.55 0.00	37.41 2.47 0.00	36.33 2.42 0.00	36.97 2.52 0.00	44.83 3.00 0.00	52.87 3.36 0.00	54.67 3.54 0.00	66.46 3.52 0.00	120.58 5.02 0.00	51.76 2.10 0.00	44.86 2.06 0.00
BAYONEEC__CTG5 323686	47.85 1.85 0.00	33.94 1.30 0.00	29.41 1.07 0.00	37.40 1.24 0.00	37.99 1.27 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.03 3.98 0.00	39.16 2.17 0.00	28.57 1.49 0.00	39.02 2.18 0.00	41.06 2.35 0.00	38.87 2.45 0.00	38.33 2.55 0.00	37.41 2.47 0.00	36.33 2.42 0.00	36.97 2.52 0.00	44.83 3.00 0.00	52.87 3.36 0.00	54.67 3.54 0.00	66.46 3.52 0.00	120.58 5.02 0.00	51.76 2.10 0.00	44.86 2.06 0.00
BAYONEEC__CTG6 323687	47.85 1.85 0.00	33.94 1.30 0.00	29.41 1.07 0.00	37.40 1.24 0.00	37.99 1.27 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.03 3.98 0.00	39.16 2.17 0.00	28.57 1.49 0.00	39.02 2.18 0.00	41.06 2.35 0.00	38.87 2.45 0.00	38.33 2.55 0.00	37.41 2.47 0.00	36.33 2.42 0.00	36.97 2.52 0.00	44.83 3.00 0.00	52.87 3.36 0.00	54.67 3.54 0.00	66.46 3.52 0.00	120.58 5.02 0.00	51.76 2.10 0.00	44.86 2.06 0.00
BAYONEEC__CTG7 323688	47.85 1.85 0.00	33.94 1.30 0.00	29.41 1.07 0.00	37.40 1.24 0.00	37.99 1.27 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.03 3.98 0.00	39.16 2.17 0.00	28.57 1.49 0.00	39.02 2.18 0.00	41.06 2.35 0.00	38.87 2.45 0.00	38.33 2.55 0.00	37.41 2.47 0.00	36.33 2.42 0.00	36.97 2.52 0.00	44.83 3.00 0.00	52.87 3.36 0.00	54.67 3.54 0.00	66.46 3.52 0.00	120.58 5.02 0.00	51.76 2.10 0.00	44.86 2.06 0.00

BAYONEEC___CTG8 323689	47.85 1.85 0.00	33.94 1.30 0.00	29.41 1.07 0.00	37.40 1.24 0.00	37.99 1.27 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.03 3.98 0.00	39.16 2.17 0.00	28.57 1.49 0.00	39.02 2.18 0.00	41.06 2.35 0.00	38.87 2.45 0.00	38.33 2.55 0.00	37.41 2.47 0.00	36.33 2.42 0.00	36.97 2.52 0.00	44.83 3.00 0.00	52.87 3.36 0.00	54.67 3.54 0.00	66.46 3.52 0.00	120.58 5.02 0.00	51.76 2.10 0.00	44.86 2.06 0.00
BAYONEEC___CTG9 323749	47.85 1.85 0.00	33.94 1.30 0.00	29.41 1.07 0.00	37.40 1.24 0.00	37.99 1.27 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.03 3.98 0.00	39.16 2.17 0.00	28.57 1.49 0.00	39.02 2.18 0.00	41.06 2.35 0.00	38.87 2.45 0.00	38.33 2.55 0.00	37.41 2.47 0.00	36.33 2.42 0.00	36.97 2.52 0.00	44.83 3.00 0.00	52.87 3.36 0.00	54.67 3.54 0.00	66.46 3.52 0.00	120.58 5.02 0.00	51.76 2.10 0.00	44.86 2.06 0.00
BEACON___LESR 323632	47.06 1.06 0.00	33.57 0.93 0.00	29.13 0.80 0.00	37.10 0.95 0.00	37.62 0.90 0.00	39.23 1.02 0.00	54.29 1.39 0.00	81.98 1.93 0.00	38.02 1.02 0.00	27.77 0.69 0.00	37.65 0.81 0.00	39.64 0.93 0.00	37.40 0.98 0.00	36.83 1.05 0.00	36.03 1.08 0.00	34.98 1.07 0.00	35.43 0.99 0.00	43.10 1.27 0.00	51.07 1.56 0.00	52.82 1.69 0.00	64.68 1.75 0.00	118.54 2.97 0.00	50.89 1.23 0.00	43.86 1.06 0.00
BEAVER RIVER___HYD 24048	44.24 -1.77 0.00	31.22 -1.42 0.00	26.81 -1.53 0.00	34.74 -1.41 0.00	35.83 -0.89 0.00	37.49 -0.73 0.00	52.36 -0.54 0.00	79.44 -0.62 0.00	36.15 -0.84 0.00	26.05 -1.03 0.00	34.89 -1.95 0.00	36.06 -2.66 0.00	33.47 -2.95 0.00	32.47 -3.31 0.00	31.96 -2.99 0.00	30.89 -3.02 0.00	31.63 -2.82 0.00	38.88 -2.96 0.00	39.27 -3.70 6.53	43.37 -3.06 4.70	60.47 -2.47 0.00	109.78 -5.78 0.00	46.81 -2.84 0.00	39.96 -2.83 0.00
BEEBEE_GT_13 23619	45.63 -0.38 0.00	32.17 -0.47 0.00	27.88 -0.45 0.00	35.65 -0.51 0.00	36.27 -0.46 0.00	38.07 -0.15 0.00	52.86 -0.04 0.00	81.28 1.22 0.00	37.59 0.60 0.00	27.62 0.54 0.00	37.83 0.99 0.00	39.41 0.70 0.00	36.98 0.56 0.00	36.26 0.48 0.00	35.37 0.43 0.00	34.33 0.42 0.00	34.77 0.33 0.00	41.65 0.00 0.00	49.47 -0.04 0.00	51.51 0.38 0.00	63.44 0.51 0.00	116.15 0.58 0.00	49.97 0.31 0.00	42.92 0.12 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.36 2.36 0.00	34.31 1.67 0.00	29.70 1.37 0.00	37.79 1.63 0.00	38.36 1.64 0.00	40.18 1.97 0.00	55.65 2.75 0.00	85.14 5.08 0.00	39.75 2.75 -0.01	28.95 1.86 0.00	39.51 2.68 0.00	41.55 2.83 0.00	39.32 2.91 0.00	38.79 3.01 0.00	37.89 2.95 0.00	36.78 2.87 0.00	37.44 2.99 0.00	45.32 3.48 0.00	53.22 3.72 0.00	55.07 3.94 0.00	66.90 3.96 0.00	121.23 5.66 0.00	52.27 2.62 0.00	45.31 2.51 0.00
BETHLEHEM___GRP 23843	46.28 0.28 0.00	33.07 0.43 0.00	28.72 0.39 0.00	36.58 0.42 0.00	37.08 0.35 0.00	38.61 0.40 0.00	53.31 0.40 0.00	80.48 0.42 0.00	37.36 0.37 0.00	27.32 0.24 0.00	37.00 0.16 0.00	39.01 0.30 0.00	36.85 0.43 0.00	36.25 0.48 0.00	35.49 0.55 0.00	34.44 0.53 0.00	34.92 0.47 0.00	42.40 0.56 0.00	50.15 0.64 0.00	51.84 0.72 0.00	63.51 0.57 0.00	116.48 0.91 0.00	50.10 0.43 0.00	43.24 0.45 0.00
BETHLEHEM___GS1 323560	46.29 0.28 0.00	33.07 0.42 0.00	28.72 0.39 0.00	36.58 0.42 0.00	37.07 0.35 0.00	38.61 0.39 0.00	53.32 0.42 0.00	80.48 0.43 0.00	37.36 0.37 0.00	27.32 0.24 0.00	37.00 0.16 0.00	39.01 0.29 0.00	36.85 0.43 0.00	36.25 0.48 0.00	35.49 0.54 0.00	34.44 0.53 0.00	34.92 0.47 0.00	42.40 0.56 0.00	50.15 0.64 0.00	51.84 0.72 0.00	63.51 0.58 0.00	116.54 0.98 0.00	50.10 0.43 0.00	43.24 0.45 0.00
BETHLEHEM___GS2 323561	46.29 0.28 0.00	33.07 0.42 0.00	28.72 0.39 0.00	36.58 0.42 0.00	37.07 0.35 0.00	38.61 0.39 0.00	53.32 0.42 0.00	80.48 0.43 0.00	37.36 0.37 0.00	27.32 0.24 0.00	37.00 0.16 0.00	39.01 0.29 0.00	36.85 0.43 0.00	36.25 0.48 0.00	35.49 0.54 0.00	34.44 0.53 0.00	34.92 0.47 0.00	42.40 0.56 0.00	50.15 0.64 0.00	51.84 0.72 0.00	63.51 0.58 0.00	116.54 0.98 0.00	50.10 0.43 0.00	43.24 0.45 0.00
BETHLEHEM___GS3 323562	46.29 0.28 0.00	33.07 0.42 0.00	28.72 0.39 0.00	36.58 0.42 0.00	37.07 0.35 0.00	38.61 0.39 0.00	53.32 0.42 0.00	80.48 0.43 0.00	37.36 0.37 0.00	27.32 0.24 0.00	37.00 0.16 0.00	39.01 0.29 0.00	36.85 0.43 0.00	36.25 0.48 0.00	35.49 0.54 0.00	34.44 0.53 0.00	34.92 0.47 0.00	42.40 0.56 0.00	50.15 0.64 0.00	51.84 0.72 0.00	63.51 0.58 0.00	116.54 0.98 0.00	50.10 0.43 0.00	43.24 0.45 0.00
BETHLEHEM___STEEL 23779	43.70 -2.31 0.00	30.65 -1.99 0.00	26.52 -1.82 0.00	33.99 -2.17 0.00	34.51 -2.21 0.00	36.30 -1.91 0.00	49.89 -3.01 0.00	77.64 -2.41 0.00	35.99 -1.00 0.00	26.74 -0.34 0.00	36.95 0.12 0.00	38.36 -0.36 0.00	35.99 -0.43 0.00	35.28 -0.49 0.00	34.52 -0.43 0.00	33.53 -0.38 0.00	33.87 -0.58 0.00	39.81 -2.03 0.00	47.24 -2.27 0.00	49.88 -1.25 0.00	61.58 -1.36 0.00	112.85 -2.72 0.00	48.66 -0.99 0.00	41.87 -0.92 0.00
BETHLHEM_115KV_TB1 79974	46.41 0.41 0.00	33.14 0.49 0.00	28.78 0.44 0.00	36.66 0.50 0.00	37.17 0.44 0.00	38.69 0.47 0.00	53.44 0.54 0.00	80.72 0.66 0.00	37.46 0.47 0.00	27.39 0.30 0.00	37.11 0.27 0.00	39.12 0.41 0.00	36.94 0.52 0.00	36.35 0.57 0.00	35.58 0.63 0.00	34.51 0.60 0.00	35.00 0.55 0.00	42.49 0.65 0.00	50.26 0.76 0.00	51.97 0.85 0.00	63.67 0.73 0.00	116.81 1.24 0.00	50.21 0.55 0.00	43.33 0.53 0.00
BETHPAGE_CC_5 323564	47.59 1.58 0.00	34.17 1.53 0.00	29.65 1.31 0.00	37.64 1.48 0.00	38.08 1.36 0.00	39.56 1.34 0.00	53.11 1.31 1.10	69.86 2.83 13.03	38.91 1.92 0.00	28.55 1.47 0.00	46.97 2.32 -7.82	42.18 2.69 -0.77	39.06 2.64 0.00	38.32 2.55 0.00	37.41 2.47 0.00	36.30 2.39 0.00	36.47 2.02 0.00	42.08 2.24 2.00	50.59 2.63 1.54	54.26 3.14 0.00	65.97 3.04 0.00	116.31 3.78 3.04	37.63 1.40 13.43	34.13 1.32 9.98
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.86 -2.14 0.00	30.78 -1.86 0.00	26.63 -1.71 0.00	34.12 -2.04 0.00	34.65 -2.07 0.00	36.47 -1.75 0.00	50.17 -2.73 0.00	78.06 -2.00 0.00	36.17 -0.82 0.00	26.86 -0.22 0.00	37.13 0.29 0.00	38.55 -0.16 0.00	36.16 -0.26 0.00	35.45 -0.33 0.00	34.67 -0.28 0.00	33.68 -0.23 0.00	34.03 -0.41 0.00	40.03 -1.81 0.00	47.52 -1.99 0.00	50.17 -0.95 0.00	61.97 -0.97 0.00	113.53 -2.04 0.00	48.90 -0.75 0.00	42.08 -0.71 0.00
BINGHAMTON___COGEN 23790	46.18 0.18 0.00	32.76 0.12 0.00	28.44 0.11 0.00	36.29 0.13 0.00	36.83 0.11 0.00	38.43 0.22 0.00	53.25 0.35 0.00	81.12 1.07 0.00	37.49 0.50 0.00	27.41 0.33 0.00	37.31 0.47 0.00	39.06 0.34 0.00	36.77 0.35 0.00	36.12 0.34 0.00	35.28 0.33 0.00	34.30 0.38 0.00	34.87 0.43 0.00	42.23 0.39 0.00	50.14 0.63 0.00	52.08 0.95 0.00	64.06 1.12 0.00	117.14 1.57 0.00	50.23 0.57 0.00	43.32 0.53 0.00

BIXINCNT_115KV_LOAD 355685	44.24 -1.76 0.00	31.18 -1.46 0.00	26.90 -1.44 0.00	34.50 -1.66 0.00	34.97 -1.75 0.00	36.83 -1.38 0.00	51.14 -1.76 0.00	79.10 -0.95 0.00	36.41 -0.58 0.00	27.01 -0.07 0.00	37.47 0.64 0.00	39.02 0.30 0.00	36.53 0.11 0.00	35.69 -0.08 0.00	34.93 -0.02 0.00	34.05 0.13 0.00	34.45 0.01 0.00	40.55 -1.29 0.00	48.33 -1.17 0.00	51.17 0.05 0.00	63.37 0.43 0.00	115.97 0.40 0.00	49.77 0.11 0.00	42.86 0.07 0.00
BLACK RIVER___HYD 24047	43.91 -2.10 0.00	30.97 -1.67 0.00	26.60 -1.74 0.00	34.57 -1.59 0.00	35.68 -1.05 0.00	37.41 -0.81 0.00	52.37 -0.53 0.00	79.64 -0.42 0.00	36.14 -0.85 0.00	25.86 -1.22 0.00	34.45 -2.38 0.00	35.38 -3.34 0.00	32.70 -3.72 0.00	31.60 -4.18 0.00	31.27 -3.67 0.00	30.09 -3.82 0.00	30.84 -3.60 0.00	38.00 -3.83 0.00	39.34 -4.83 5.33	43.61 -3.68 3.84	60.30 -2.64 0.00	109.02 -6.54 0.00	46.48 -3.18 0.00	39.57 -3.23 0.00
BLACKRVR_115KV_TB2 79977	43.91 -2.10 0.00	30.97 -1.67 0.00	26.60 -1.74 0.00	34.57 -1.59 0.00	35.68 -1.05 0.00	37.41 -0.81 0.00	52.37 -0.53 0.00	79.63 -0.42 0.00	36.14 -0.85 0.00	25.86 -1.23 0.00	34.45 -2.38 0.00	35.38 -3.34 0.00	32.70 -3.73 0.00	31.60 -4.18 0.00	31.27 -3.67 0.00	30.09 -3.82 0.00	30.84 -3.60 0.00	38.00 -3.84 0.00	39.34 -4.83 5.33	43.62 -3.67 3.84	60.30 -2.64 0.00	109.02 -6.54 0.00	46.48 -3.18 0.00	39.57 -3.23 0.00
BLDWN_LI_69_KV_BK4 356085	47.77 1.77 0.00	34.27 1.62 0.00	29.73 1.39 0.00	37.73 1.58 0.00	38.24 1.52 0.00	39.83 1.61 0.00	53.73 1.77 0.95	75.36 3.22 7.91	39.10 2.11 0.00	28.70 1.62 0.00	48.04 2.56 -8.65	42.38 2.81 -0.86	39.20 2.78 0.00	38.50 2.72 0.00	37.61 2.66 0.00	36.48 2.57 0.00	36.66 2.22 0.00	42.63 2.52 1.72	51.18 3.00 1.33	54.61 3.48 0.00	66.45 3.52 0.00	117.58 4.63 2.62	40.32 1.78 11.12	36.32 1.67 8.14
BLISS_WT_PWR 323608	44.17 -1.84 0.00	31.17 -1.48 0.00	26.87 -1.47 0.00	34.46 -1.70 0.00	34.93 -1.80 0.00	36.78 -1.44 0.00	51.19 -1.71 0.00	79.05 -1.01 0.00	36.33 -0.66 0.00	26.97 -0.11 0.00	37.46 0.62 0.00	39.03 0.31 0.00	36.52 0.10 0.00	35.65 -0.13 0.00	34.90 -0.04 0.00	34.03 0.12 0.00	34.43 -0.02 0.00	40.52 -1.32 0.00	48.35 -1.15 0.00	51.20 0.07 0.00	63.45 0.52 0.00	116.11 0.54 0.00	49.84 0.18 0.00	42.93 0.13 0.00
BLUESTONE___WT_PWR 323821	48.25 2.25 0.00	34.18 1.54 0.00	29.49 1.16 0.00	37.46 1.30 0.00	38.07 1.35 0.00	39.63 1.41 0.00	55.09 2.19 0.00	84.46 4.40 0.00	38.15 1.17 0.00	27.88 0.80 0.00	37.70 0.87 0.00	39.57 0.85 0.00	37.55 1.13 0.00	36.67 0.89 0.00	35.50 0.55 0.00	34.57 0.66 0.00	35.18 0.73 0.00	42.93 1.09 0.00	51.53 2.02 0.00	53.68 2.55 0.00	66.42 3.49 0.00	121.44 5.88 0.00	52.00 2.34 0.00	44.98 2.18 0.00
BLUE_CIRC_CHEM_DRP 24182	46.96 0.96 0.00	33.50 0.86 0.00	29.11 0.78 0.00	37.09 0.93 0.00	37.61 0.89 0.00	39.15 0.93 0.00	54.07 1.17 0.00	81.73 1.67 0.00	37.83 0.84 0.00	27.56 0.48 0.00	37.43 0.59 0.00	39.39 0.68 0.00	37.17 0.75 0.00	36.61 0.84 0.00	35.83 0.89 0.00	34.65 0.73 0.00	35.12 0.67 0.00	42.60 0.76 0.00	50.55 1.04 0.00	52.37 1.24 0.00	64.19 1.26 0.00	117.67 2.11 0.00	50.64 0.98 0.00	43.70 0.90 0.00
BOC_GAS_DRP 24189	46.72 0.72 0.00	33.28 0.64 0.00	28.92 0.59 0.00	36.85 0.69 0.00	37.36 0.64 0.00	38.88 0.67 0.00	53.71 0.81 0.00	81.27 1.22 0.00	37.69 0.70 0.00	27.55 0.46 0.00	37.42 0.58 0.00	39.42 0.70 0.00	37.19 0.77 0.00	36.58 0.80 0.00	35.78 0.83 0.00	34.71 0.79 0.00	35.21 0.76 0.00	42.77 0.93 0.00	50.55 1.04 0.00	52.27 1.15 0.00	64.02 1.09 0.00	117.39 1.83 0.00	50.46 0.80 0.00	43.53 0.74 0.00
BOONVILLE_115KV_TB1 79983	46.05 0.05 0.00	32.59 -0.05 0.00	28.09 -0.25 0.00	36.17 0.01 0.00	37.11 0.38 0.00	38.78 0.57 0.00	53.97 1.07 0.00	81.89 1.84 0.00	37.51 0.52 0.00	27.18 0.09 0.00	36.66 -0.17 0.00	38.12 -0.60 0.00	35.65 -0.77 0.00	34.72 -1.06 0.00	34.07 -0.87 0.00	33.02 -0.89 0.00	33.73 -0.71 0.00	41.32 -0.52 0.00	52.79 -0.40 -3.68	53.85 0.07 -2.65	63.66 0.73 0.00	115.97 0.41 0.00	49.54 -0.12 0.00	42.44 -0.36 0.00
BORALEX_4TH_BRANCH 23824	47.94 1.94 0.00	34.32 1.68 0.00	29.82 1.49 0.00	38.03 1.87 0.00	38.36 1.64 0.00	39.97 1.76 0.00	54.72 1.82 0.00	82.07 2.01 0.00	38.15 1.16 0.00	27.94 0.85 0.00	37.81 0.98 0.00	40.16 1.45 0.00	37.86 1.44 0.00	37.25 1.47 0.00	36.50 1.55 0.00	35.43 1.52 0.00	35.98 1.54 0.00	43.96 2.12 0.00	51.94 2.44 0.00	53.57 2.45 0.00	65.64 2.70 0.00	121.29 5.73 0.00	52.22 2.56 0.00	45.01 2.21 0.00
BOWLINE___1 23526	47.62 1.62 0.00	33.77 1.13 0.00	29.25 0.91 0.00	37.20 1.05 0.00	37.79 1.06 0.00	39.53 1.31 0.00	54.71 1.81 0.00	83.43 3.37 0.00	38.81 1.82 0.00	28.28 1.20 0.00	38.59 1.75 0.00	40.61 1.89 0.00	38.44 2.02 0.00	37.86 2.09 0.00	36.99 2.05 0.00	35.92 2.01 0.00	36.56 2.12 0.00	44.41 2.57 0.00	52.48 2.98 0.00	54.38 3.25 0.00	66.18 3.24 0.00	120.23 4.66 0.00	51.50 1.84 0.00	44.57 1.78 0.00
BOWLINE___2 23595	47.62 1.62 0.00	33.77 1.13 0.00	29.25 0.91 0.00	37.21 1.05 0.00	37.79 1.06 0.00	39.53 1.31 0.00	54.71 1.81 0.00	83.43 3.37 0.00	38.81 1.82 0.00	28.29 1.20 0.00	38.59 1.75 0.00	40.61 1.89 0.00	38.44 2.02 0.00	37.86 2.09 0.00	36.99 2.05 0.00	35.93 2.02 0.00	36.56 2.12 0.00	44.41 2.57 0.00	52.49 2.98 0.00	54.38 3.25 0.00	66.18 3.25 0.00	120.23 4.66 0.00	51.50 1.84 0.00	44.57 1.78 0.00
BRADY___115KV_TB2 356060	46.38 0.38 0.00	32.76 0.12 0.00	28.36 0.03 0.00	36.33 0.17 0.00	37.05 0.33 0.00	38.63 0.42 0.00	53.51 0.60 0.00	80.45 0.40 0.00	36.72 -0.27 0.00	26.77 -0.31 0.00	36.41 -0.42 0.00	38.31 -0.41 0.00	35.91 -0.51 0.00	35.23 -0.55 0.00	34.37 -0.58 0.00	33.30 -0.61 0.00	33.83 -0.61 0.00	41.21 -0.63 1.37	47.30 -0.83 0.99	49.66 -0.49 0.00	62.90 -0.04 0.00	115.53 -0.03 0.00	49.64 -0.02 0.00	42.75 -0.05 0.00
BRANSCOMB___SOLAR 323811	48.05 2.04 0.00	34.20 1.56 0.00	29.71 1.38 0.00	37.81 1.65 0.00	38.26 1.54 0.00	39.81 1.59 0.00	54.77 1.86 0.00	82.22 2.17 0.00	37.94 0.95 0.00	27.63 0.54 0.00	37.45 0.62 0.00	39.63 0.92 0.00	37.36 0.94 0.00	36.73 0.95 0.00	35.99 1.04 0.00	34.92 1.00 0.00	35.46 1.02 0.00	43.37 1.53 0.00	51.53 2.03 0.00	53.45 2.33 0.00	65.56 2.63 0.00	120.57 5.01 0.00	51.76 2.10 0.00	44.55 1.76 0.00
BRDGHMPT_69_KV_BK1 55812	47.28 1.28 0.00	33.65 1.01 0.00	29.34 1.01 0.00	37.44 1.28 0.00	38.00 1.28 0.00	39.80 1.58 0.00	56.83 1.41 -2.52	71.16 3.01 11.90	40.79 2.06 -1.74	28.93 1.85 0.00	46.58 3.06 -6.68	43.01 3.63 -0.66	39.74 3.32 0.00	38.21 2.43 0.00	36.96 2.01 0.00	36.31 2.39 0.00	36.57 2.13 0.00	44.59 2.52 -0.23	54.31 2.79 -2.01	59.89 3.91 -4.85	74.17 4.17 -7.07	124.63 5.54 -3.53	35.68 1.44 15.42	31.39 0.64 12.04

BRENTWOD_69_KV_W. BRTWOOD 56703	47.64 1.63 0.00	34.24 1.60 0.00	29.73 1.40 0.00	37.72 1.56 0.00	38.20 1.48 0.00	39.73 1.51 0.00	56.55 1.42 -2.23	70.89 2.70 11.86	40.49 1.91 -1.59	28.73 1.65 0.00	46.22 2.57 -6.81	42.36 2.98 -0.67	39.25 2.83 0.00	38.37 2.59 0.00	37.42 2.48 0.00	36.36 2.45 0.00	36.43 1.99 0.00	44.12 2.22 -0.07	53.88 2.64 -1.73	58.79 3.22 -4.44	72.41 3.01 -6.46	122.63 4.06 -3.01	36.13 1.54 15.06	32.54 1.48 11.73
BRISTLHL_115KV_TB1 79998	44.40 -1.61 0.00	31.50 -1.14 0.00	27.34 -1.00 0.00	34.89 -1.27 0.00	35.45 -1.27 0.00	37.00 -1.21 0.00	51.29 -1.61 0.00	77.96 -2.10 0.00	36.05 -0.94 0.00	26.40 -0.68 0.00	35.84 -0.99 0.00	37.51 -1.20 0.00	35.26 -1.16 0.00	34.66 -1.12 0.00	33.79 -1.15 0.00	32.81 -1.10 0.00	33.32 -1.13 0.00	40.42 -1.42 0.00	47.70 -1.58 0.22	49.59 -1.37 0.16	61.28 -1.65 0.00	112.20 -3.37 0.00	48.17 -1.49 0.00	41.46 -1.33 0.00
BROOKHAVEN__DRP 24191	47.41 1.41 0.00	33.90 1.25 0.00	29.48 1.14 0.00	37.39 1.23 0.00	37.86 1.13 0.00	39.49 1.27 0.00	56.25 0.79 -2.57	69.71 1.52 11.86	40.19 1.44 -1.76	28.50 1.42 0.00	45.91 2.40 -6.68	42.26 2.89 -0.66	38.99 2.57 0.00	37.96 2.18 0.00	36.94 2.00 0.00	36.06 2.14 0.00	36.09 1.65 0.00	43.88 1.78 -0.26	53.48 1.92 -2.05	58.64 2.61 -4.91	72.59 2.51 -7.14	122.01 2.85 -3.60	35.14 0.90 15.42	31.71 0.97 12.05
BROOKLYN_NAVY_YARD 23515	47.74 1.74 0.00	33.85 1.21 0.00	29.31 0.98 0.00	37.29 1.13 0.00	37.88 1.16 0.00	39.64 1.43 0.00	54.82 1.92 0.00	83.78 3.73 0.00	39.04 2.06 0.00	28.48 1.40 0.00	38.91 2.08 0.00	40.98 2.26 0.00	38.83 2.41 0.00	38.27 2.49 0.00	37.35 2.40 0.00	36.26 2.35 0.00	36.89 2.45 0.00	44.72 2.89 0.00	52.71 3.21 0.00	54.51 3.39 0.00	66.25 3.32 0.01	120.25 4.69 0.00	51.58 1.92 0.00	44.69 1.90 0.00
BROOKLYN__ARMY_DRP 323595	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.49 0.00	40.02 1.80 0.00	55.40 2.50 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.82 0.00	37.71 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.10 3.26 0.00	52.96 3.46 0.00	54.77 3.65 0.00	66.52 3.58 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
BROOME_2_LFGE 323671	46.18 0.18 0.00	32.76 0.12 0.00	28.44 0.11 0.00	36.29 0.13 0.00	36.83 0.11 0.00	38.43 0.22 0.00	53.25 0.35 0.00	81.12 1.07 0.00	37.49 0.51 0.00	27.41 0.33 0.00	37.31 0.47 0.00	39.05 0.34 0.00	36.77 0.35 0.00	36.11 0.34 0.00	35.28 0.33 0.00	34.30 0.39 0.00	34.87 0.43 0.00	42.23 0.39 0.00	50.14 0.63 0.00	52.08 0.95 0.00	64.06 1.12 0.00	117.14 1.58 0.00	50.23 0.57 0.00	43.32 0.53 0.00
BROOME__LFGE 323600	46.18 0.18 0.00	32.76 0.12 0.00	28.44 0.11 0.00	36.29 0.13 0.00	36.83 0.11 0.00	38.43 0.22 0.00	53.25 0.35 0.00	81.12 1.07 0.00	37.49 0.51 0.00	27.41 0.33 0.00	37.31 0.47 0.00	39.05 0.34 0.00	36.77 0.35 0.00	36.11 0.34 0.00	35.28 0.33 0.00	34.30 0.39 0.00	34.87 0.43 0.00	42.23 0.39 0.00	50.14 0.63 0.00	52.08 0.95 0.00	64.06 1.12 0.00	117.14 1.58 0.00	50.23 0.57 0.00	43.32 0.53 0.00
BROWNFLS_115KV_TB_3_5 80003	44.18 -1.83 0.00	31.18 -1.46 0.00	26.88 -1.45 0.00	34.67 -1.49 0.00	35.58 -1.14 0.00	37.16 -1.05 0.00	51.74 -1.16 0.00	78.19 -1.86 0.00	35.67 -1.32 0.00	25.84 -1.24 0.00	34.82 -2.01 0.00	36.25 -2.46 0.00	33.78 -2.64 0.00	32.88 -2.89 0.00	32.24 -2.70 0.00	31.19 -2.72 0.00	31.84 -2.61 0.00	39.02 -2.82 0.00	41.53 -3.50 4.48	44.82 -3.09 3.22	60.08 -2.86 0.00	109.58 -5.99 0.00	46.89 -2.77 0.00	40.17 -2.62 0.00
BROWNSV1_27_KV_LOAD 356125	48.20 2.20 0.00	34.19 1.55 0.00	29.62 1.28 0.00	37.64 1.48 0.00	38.23 1.50 0.00	40.02 1.81 0.00	55.40 2.51 0.00	84.66 4.60 0.00	39.45 2.46 0.00	28.80 1.71 0.00	39.34 2.51 0.00	41.38 2.66 0.00	39.18 2.76 0.00	38.61 2.84 0.00	37.70 2.75 0.00	36.60 2.69 0.00	37.24 2.80 0.00	45.17 3.33 0.00	53.28 3.78 0.00	55.15 4.02 0.00	67.05 4.11 0.00	121.65 6.08 0.00	52.19 2.53 0.00	45.20 2.41 0.00
BURROWS__LYONSDAL 23803	45.60 -0.41 0.00	32.24 -0.40 0.00	27.74 -0.59 0.00	35.79 -0.37 0.00	36.80 0.08 0.00	38.48 0.26 0.00	53.60 0.70 0.00	81.32 1.27 0.00	37.19 0.20 0.00	26.92 -0.16 0.00	36.25 -0.58 0.00	37.62 -1.09 0.00	35.13 -1.29 0.00	34.16 -1.62 0.00	33.56 -1.39 0.00	32.51 -1.40 0.00	33.25 -1.20 0.00	40.77 -1.07 0.00	48.34 -1.16 0.00	50.45 -0.68 0.00	62.88 -0.05 0.00	114.50 -1.07 0.00	48.84 -0.82 0.00	41.79 -1.00 0.00
CAITHNESS_CC_1 323624	47.26 1.26 0.00	33.86 1.22 0.00	29.44 1.11 0.00	37.33 1.17 0.00	37.80 1.08 0.00	39.39 1.17 0.00	56.21 0.67 -2.63	69.78 1.51 11.79	40.20 1.43 -1.79	28.46 1.37 0.00	45.78 2.27 -6.67	42.10 2.72 -0.66	38.89 2.47 0.00	37.92 2.14 0.00	36.94 2.00 0.00	36.00 2.09 0.00	36.05 1.61 0.00	43.85 1.71 -0.31	53.52 1.89 -2.12	58.64 2.51 -4.99	72.58 2.37 -7.27	122.06 2.76 -3.73	35.13 0.89 15.42	31.68 0.95 12.05
CALPINE BETH_PAGE_GT4 24209	47.70 1.70 0.00	34.24 1.60 0.00	29.71 1.37 0.00	37.72 1.56 0.00	38.19 1.46 0.00	39.60 1.38 0.00	53.33 1.43 1.00	71.32 2.88 11.61	38.91 1.92 0.00	28.59 1.50 0.00	47.44 2.35 -8.26	42.18 2.65 -0.82	39.05 2.63 0.00	38.31 2.54 0.00	37.41 2.46 0.00	36.31 2.40 0.00	36.48 2.04 0.00	42.31 2.29 1.82	50.82 2.72 1.40	54.33 3.21 0.00	66.06 3.13 0.00	116.71 3.91 2.77	38.94 1.49 12.21	35.12 1.40 9.07
CALPINE_BETH_PAGE_GT_4 323586	47.71 1.70 0.00	34.24 1.60 0.00	29.71 1.37 0.00	37.72 1.56 0.00	38.18 1.46 0.00	39.60 1.39 0.00	53.28 1.39 1.00	71.32 2.88 11.61	38.91 1.92 0.00	28.58 1.50 0.00	47.44 2.35 -8.26	42.19 2.66 -0.82	39.05 2.63 0.00	38.32 2.54 0.00	37.41 2.46 0.00	36.31 2.39 0.00	36.48 2.04 0.00	42.30 2.29 1.82	50.81 2.71 1.40	54.34 3.21 0.00	66.07 3.13 0.00	116.71 3.91 2.77	38.94 1.49 12.21	35.11 1.38 9.07
CALPINE_BP_GT1 23823	47.71 1.70 0.00	34.24 1.60 0.00	29.71 1.37 0.00	37.72 1.56 0.00	38.18 1.46 0.00	39.60 1.39 0.00	53.28 1.39 1.00	71.32 2.88 11.61	38.91 1.92 0.00	28.58 1.50 0.00	47.44 2.35 -8.26	42.19 2.66 -0.82	39.05 2.63 0.00	38.32 2.54 0.00	37.41 2.46 0.00	36.31 2.39 0.00	36.48 2.04 0.00	42.30 2.29 1.82	50.81 2.71 1.40	54.34 3.21 0.00	66.07 3.13 0.00	116.71 3.91 2.77	38.94 1.49 12.21	35.11 1.38 9.07
CALSPAN__DRP 24200	43.70 -2.31 0.00	30.65 -1.99 0.00	26.52 -1.82 0.00	33.99 -2.17 0.00	34.51 -2.21 0.00	36.30 -1.91 0.00	49.89 -3.01 0.00	77.64 -2.41 0.00	35.99 -1.00 0.00	26.74 -0.34 0.00	36.95 0.12 0.00	38.36 -0.36 0.00	35.99 -0.43 0.00	35.28 -0.49 0.00	34.52 -0.43 0.00	33.53 -0.38 0.00	33.87 -0.58 0.00	39.81 -2.03 0.00	47.24 -2.27 0.00	49.88 -1.25 0.00	61.58 -1.36 0.00	112.85 -2.72 0.00	48.66 -0.99 0.00	41.87 -0.92 0.00

CALVERTON__SOLAR 323806	47.47 1.47 0.00	33.91 1.27 0.00	29.49 1.15 0.00	37.42 1.27 0.00	37.89 1.17 0.00	39.55 1.34 0.00	56.26 0.81 -2.55	69.79 1.61 11.88	40.23 1.49 -1.75	28.53 1.45 0.00	46.01 2.49 -6.68	42.37 3.00 -0.66	39.06 2.64 0.00	37.97 2.20 0.00	36.93 1.99 0.00	36.08 2.17 0.00	36.13 1.69 0.00	43.91 1.82 -0.25	53.52 1.98 -2.04	58.72 2.70 -4.89	72.70 2.65 -7.12	122.30 3.15 -3.58	35.19 0.95 15.42	31.68 0.94 12.05
CANDIGU_WT_PWR 323617	43.97 -2.03 0.00	31.03 -1.61 0.00	26.87 -1.46 0.00	34.35 -1.81 0.00	34.86 -1.87 0.00	36.55 -1.66 0.00	50.43 -2.47 0.00	77.78 -2.28 0.00	35.96 -1.03 0.00	26.42 -0.66 0.00	36.31 -0.52 0.00	37.46 -1.25 0.00	35.10 -1.32 0.00	34.56 -1.22 0.00	33.83 -1.11 0.00	33.10 -0.81 0.00	33.60 -0.85 0.00	39.84 -2.00 0.00	47.69 -1.81 0.00	50.52 -0.61 0.00	62.58 -0.36 0.00	114.48 -1.09 0.00	49.00 -0.66 0.00	42.37 -0.42 0.00
CARR STREET_E_SYR 24060	45.24 -0.77 0.00	32.09 -0.55 0.00	27.85 -0.48 0.00	35.53 -0.63 0.00	36.10 -0.62 0.00	37.69 -0.52 0.00	52.24 -0.66 0.00	79.42 -0.64 0.00	36.71 -0.28 0.00	26.91 -0.18 0.00	36.60 -0.23 0.00	38.35 -0.37 0.00	36.08 -0.34 0.00	35.42 -0.36 0.00	34.57 -0.38 0.00	33.55 -0.36 0.00	34.08 -0.37 0.00	41.21 -0.62 0.00	48.81 -0.70 0.00	50.61 -0.52 0.00	62.26 -0.67 0.00	114.03 -1.54 0.00	48.96 -0.70 0.00	42.15 -0.64 0.00
CARTHAGE__PAPER 23857	44.44 -1.56 0.00	31.36 -1.29 0.00	26.92 -1.41 0.00	34.95 -1.21 0.00	36.07 -0.65 0.00	37.79 -0.42 0.00	52.81 -0.09 0.00	80.18 0.13 0.00	36.39 -0.60 0.00	26.09 -0.99 0.00	34.80 -2.04 0.00	35.87 -2.85 0.00	33.24 -3.18 0.00	32.18 -3.60 0.00	31.67 -3.28 0.00	30.55 -3.37 0.00	31.28 -3.16 0.00	38.51 -3.33 0.00	39.52 -4.19 5.80	43.64 -3.32 4.17	60.42 -2.51 0.00	109.48 -6.09 0.00	46.69 -2.97 0.00	39.80 -2.99 0.00
CASSADAGA_WT_PWR 323784	44.60 -1.41 0.00	31.26 -1.38 0.00	27.07 -1.26 0.00	34.80 -1.36 0.00	35.01 -1.71 0.00	36.95 -1.26 0.00	50.72 -2.18 0.00	79.11 -0.95 0.00	36.60 -0.40 0.00	27.27 0.18 0.00	37.81 0.97 0.00	39.12 0.40 0.00	36.75 0.33 0.00	36.00 0.22 0.00	35.24 0.30 0.00	34.29 0.37 0.00	34.57 0.13 0.00	40.85 -0.99 0.00	48.77 -0.74 0.00	51.63 0.50 0.00	64.05 1.12 0.00	116.85 1.28 0.00	50.01 0.35 0.00	43.23 0.44 0.00
CE_DUNWOOD__DRP 24194	47.76 1.76 0.00	33.90 1.25 0.00	29.37 1.03 0.00	37.35 1.20 0.00	37.93 1.21 0.00	39.67 1.45 0.00	54.88 1.98 0.00	83.70 3.64 0.00	38.96 1.98 0.00	28.42 1.34 0.00	38.79 1.96 0.00	40.83 2.11 0.00	38.65 2.23 0.00	38.07 2.29 0.00	37.17 2.23 0.00	36.09 2.18 0.00	36.71 2.27 0.00	44.58 2.74 0.00	52.68 3.17 0.00	54.54 3.41 0.00	66.37 3.43 0.00	120.57 5.00 0.00	51.67 2.01 0.00	44.72 1.93 0.00
CE_MILLWOOD__DRP 24193	47.70 1.70 0.00	33.84 1.20 0.00	29.33 1.00 0.00	37.31 1.15 0.00	37.88 1.16 0.00	39.61 1.40 0.00	54.83 1.93 0.00	83.58 3.53 0.00	38.89 1.90 0.00	28.36 1.28 0.00	38.69 1.86 0.00	40.73 2.02 0.00	38.55 2.13 0.00	37.96 2.19 0.00	37.08 2.14 0.00	36.01 2.10 0.00	36.63 2.19 0.00	44.49 2.66 0.00	52.59 3.08 0.00	54.46 3.33 0.00	66.27 3.34 0.00	120.44 4.88 0.00	51.61 1.96 0.00	44.66 1.87 0.00
CE_NYC2_DRP 24202	47.91 1.90 0.00	34.01 1.36 0.00	29.45 1.11 0.00	37.46 1.30 0.00	38.04 1.32 0.00	39.83 1.61 0.00	55.14 2.24 0.00	84.31 4.25 0.00	39.31 2.32 -0.01	28.68 1.59 0.00	39.19 2.35 0.00	41.22 2.51 0.00	39.04 2.62 0.00	38.48 2.71 0.00	37.57 2.63 0.00	36.47 2.56 0.00	37.12 2.67 0.00	44.99 3.15 0.00	52.94 3.44 0.00	54.74 3.62 0.00	66.46 3.53 0.00	120.59 5.03 0.00	51.85 2.19 0.00	44.93 2.13 0.00
CE_NYC_DRP 24195	47.88 1.88 0.00	33.97 1.33 0.00	29.44 1.10 0.00	37.43 1.27 0.00	38.02 1.30 0.00	39.80 1.58 0.00	55.09 2.19 0.00	84.13 4.07 0.00	39.22 2.23 0.00	28.62 1.54 0.00	39.09 2.25 0.00	41.14 2.42 0.00	38.95 2.52 0.00	38.39 2.61 0.00	37.48 2.54 0.00	36.40 2.48 0.00	37.02 2.57 0.00	44.90 3.07 0.00	52.96 3.45 0.00	54.78 3.65 0.00	66.59 3.65 0.00	120.82 5.25 0.00	51.84 2.18 0.00	44.90 2.11 0.00
CHAFFEE__LFGE 323603	43.72 -2.29 0.00	30.67 -1.97 0.00	26.54 -1.80 0.00	34.01 -2.15 0.00	34.55 -2.18 0.00	36.34 -1.87 0.00	49.99 -2.91 0.00	77.78 -2.28 0.00	36.05 -0.94 0.00	26.78 -0.31 0.00	37.00 0.16 0.00	38.39 -0.33 0.00	36.02 -0.40 0.00	35.31 -0.46 0.00	34.53 -0.41 0.00	33.55 -0.36 0.00	33.90 -0.55 0.00	39.84 -2.00 0.00	47.29 -2.22 0.00	49.90 -1.23 0.00	61.65 -1.29 0.00	112.97 -2.60 0.00	48.68 -0.97 0.00	41.88 -0.91 0.00
CHATEAUG_35_KV_LOAD 355732	45.90 -0.11 0.00	32.42 -0.22 0.00	28.19 -0.14 0.00	36.20 0.04 0.00	36.80 0.07 0.00	38.22 0.00 0.00	52.98 0.08 0.00	79.32 -0.74 0.00	36.52 -0.47 0.00	26.82 -0.27 0.00	36.39 -0.45 0.00	38.31 -0.40 0.00	35.93 -0.49 0.00	35.20 -0.58 0.00	34.29 -0.65 0.00	33.20 -0.71 0.00	33.73 -0.72 0.00	41.19 -0.65 0.00	47.96 -0.80 0.74	50.05 -0.55 0.53	62.74 -0.19 0.00	115.62 0.05 0.00	49.81 0.16 0.00	42.96 0.16 0.00
CHATEAUG_WT_PWR 323614	45.87 -0.14 0.00	32.41 -0.23 0.00	28.17 -0.16 0.00	36.16 0.01 0.00	36.74 0.02 0.00	38.14 -0.07 0.00	52.86 -0.04 0.00	79.06 -1.00 0.00	36.45 -0.54 0.00	26.82 -0.27 0.00	36.39 -0.45 0.00	38.32 -0.40 0.00	35.94 -0.48 0.00	35.22 -0.55 0.00	34.32 -0.62 0.00	33.24 -0.67 0.00	33.77 -0.67 0.00	41.23 -0.61 0.00	48.14 -0.79 0.58	50.11 -0.60 0.42	62.57 -0.37 0.00	115.27 -0.30 0.00	49.70 0.04 0.00	42.84 0.04 0.00
CHAT_HIGH_FALL_HYD 323578	45.90 -0.11 0.00	32.42 -0.22 0.00	28.19 -0.14 0.00	36.20 0.04 0.00	36.80 0.07 0.00	38.22 0.00 0.00	52.98 0.08 0.00	79.32 -0.74 0.00	36.52 -0.47 0.00	26.82 -0.27 0.00	36.39 -0.45 0.00	38.31 -0.40 0.00	35.93 -0.49 0.00	35.20 -0.58 0.00	34.29 -0.65 0.00	33.20 -0.71 0.00	33.73 -0.72 0.00	41.19 -0.65 0.00	47.96 -0.80 0.74	50.05 -0.55 0.53	62.74 -0.19 0.00	115.62 0.05 0.00	49.81 0.16 0.00	42.96 0.16 0.00
CHAUTAUQUA__LFGE 323629	44.29 -1.71 0.00	31.09 -1.55 0.00	26.92 -1.41 0.00	34.55 -1.61 0.00	34.90 -1.82 0.00	36.74 -1.48 0.00	50.47 -2.43 0.00	78.57 -1.49 0.00	36.43 -0.56 0.00	27.04 -0.05 0.00	37.36 0.53 0.00	38.67 -0.05 0.00	36.35 -0.07 0.00	35.66 -0.12 0.00	34.92 -0.03 0.00	33.96 0.05 0.00	34.31 -0.14 0.00	40.42 -1.42 0.00	48.18 -1.33 0.00	50.90 -0.23 0.00	63.08 0.14 0.00	115.22 -0.34 0.00	49.41 -0.25 0.00	42.72 -0.08 0.00
CHERRYST_13_KV_LD 356241	48.01 2.01 0.00	34.06 1.42 0.00	29.51 1.17 0.00	37.53 1.37 0.00	38.12 1.40 0.00	39.91 1.69 0.00	55.25 2.35 0.00	84.40 4.35 0.00	39.34 2.35 0.00	28.72 1.64 0.00	39.23 2.40 0.00	41.29 2.57 0.00	39.09 2.67 0.00	38.52 2.75 0.00	37.62 2.67 0.00	36.52 2.61 0.00	37.15 2.70 0.00	45.06 3.22 0.00	53.13 3.62 0.00	54.95 3.82 0.00	66.78 3.85 0.00	121.17 5.60 0.00	51.98 2.32 0.00	45.02 2.23 0.00

CHESTROR_138KV_BK263 355645	47.62 1.62 0.00	33.77 1.13 0.00	29.28 0.95 0.00	37.25 1.09 0.00	37.84 1.12 0.00	39.55 1.34 0.00	54.76 1.86 0.00	83.41 3.35 0.00	38.76 1.77 0.00	28.24 1.15 0.00	38.51 1.68 0.00	40.54 1.82 0.00	38.35 1.93 0.00	37.76 1.98 0.00	36.87 1.92 0.00	35.82 1.91 0.00	36.46 2.02 0.00	44.27 2.43 0.00	52.35 2.84 0.00	54.28 3.15 0.00	66.14 3.21 0.00	120.33 4.76 0.00	51.57 1.91 0.00	44.59 1.80 0.00
CH_MIDHUDSON__DRP 24192	47.78 1.78 0.00	33.92 1.28 0.00	29.42 1.08 0.00	37.43 1.28 0.00	38.01 1.29 0.00	39.73 1.51 0.00	54.97 2.06 0.00	83.60 3.54 0.00	38.82 1.84 0.00	28.30 1.22 0.00	38.60 1.76 0.00	40.68 1.97 0.00	38.42 2.00 0.00	37.81 2.03 0.00	36.92 1.97 0.00	35.88 1.97 0.00	36.52 2.07 0.00	44.42 2.58 0.00	52.59 3.08 0.00	54.47 3.35 0.00	66.41 3.48 0.00	120.91 5.34 0.00	51.83 2.17 0.00	44.78 1.99 0.00
CH_MISC_IPPS 23765	48.04 2.04 0.00	34.09 1.44 0.00	29.56 1.22 0.00	37.62 1.46 0.00	38.20 1.48 0.00	39.95 1.73 0.00	55.31 2.41 0.00	84.21 4.15 0.00	39.08 2.09 0.00	28.47 1.38 0.00	38.84 2.01 0.00	40.93 2.21 0.00	38.66 2.24 0.00	38.03 2.25 0.00	37.12 2.17 0.00	36.10 2.19 0.00	36.76 2.31 0.00	44.72 2.88 0.00	52.93 3.43 0.00	54.88 3.75 0.00	66.90 3.97 0.00	121.71 6.14 0.00	52.13 2.48 0.00	45.04 2.25 0.00
CH_RES_BVR_FALLS 23983	45.91 -0.09 0.00	32.53 -0.11 0.00	28.23 -0.10 0.00	36.06 -0.09 0.00	36.65 -0.07 0.00	38.14 -0.07 0.00	52.86 -0.04 0.00	79.87 -0.19 0.00	36.85 -0.13 0.00	27.00 -0.09 0.00	36.73 -0.11 0.00	38.61 -0.11 0.00	36.29 -0.13 0.00	35.63 -0.14 0.00	34.80 -0.15 0.00	33.75 -0.16 0.00	34.29 -0.16 0.00	41.67 -0.17 0.00	49.29 -0.22 0.00	50.92 -0.20 0.00	62.75 -0.19 0.00	115.25 -0.32 0.00	49.54 -0.11 0.00	42.68 -0.12 0.00
CH_RES_NIAGARA 23895	42.54 -3.46 0.00	29.80 -2.84 0.00	25.80 -2.54 0.00	33.05 -3.11 0.00	33.62 -3.10 0.00	35.33 -2.89 0.00	48.44 -4.46 0.00	75.39 -4.67 0.00	34.97 -2.02 0.00	26.05 -1.04 0.00	36.01 -0.82 0.00	37.49 -1.22 0.00	35.17 -1.25 0.00	34.49 -1.29 0.00	33.70 -1.24 0.00	32.73 -1.18 0.00	32.97 -1.48 0.00	38.61 -3.23 0.00	45.66 -3.84 0.00	47.92 -3.20 0.00	59.03 -3.90 0.00	108.47 -7.09 0.00	47.03 -2.63 0.00	40.37 -2.42 0.00
CH_RES_SYRACUSE 23985	45.43 -0.57 0.00	32.23 -0.42 0.00	27.98 -0.35 0.00	35.70 -0.46 0.00	36.27 -0.46 0.00	37.87 -0.34 0.00	52.51 -0.39 0.00	79.82 -0.24 0.00	36.86 -0.13 0.00	27.00 -0.08 0.00	36.73 -0.10 0.00	38.44 -0.27 0.00	36.17 -0.25 0.00	35.50 -0.27 0.00	34.64 -0.30 0.00	33.62 -0.29 0.00	34.16 -0.28 0.00	41.41 -0.43 0.00	49.10 -0.40 0.00	50.98 -0.14 0.00	62.74 -0.20 0.00	114.88 -0.68 0.00	49.32 -0.34 0.00	42.47 -0.33 0.00
CLINTON_WT_PWR 323605	45.87 -0.14 0.00	32.41 -0.23 0.00	28.17 -0.16 0.00	36.16 0.01 0.00	36.74 0.02 0.00	38.14 -0.07 0.00	52.86 -0.04 0.00	79.06 -1.00 0.00	36.45 -0.54 0.00	26.82 -0.27 0.00	36.39 -0.45 0.00	38.32 -0.40 0.00	35.94 -0.48 0.00	35.22 -0.55 0.00	34.32 -0.62 0.00	33.24 -0.67 0.00	33.77 -0.67 0.00	41.23 -0.61 0.00	48.14 -0.79 0.58	50.11 -0.60 0.42	62.57 -0.37 0.00	115.27 -0.30 0.00	49.70 0.04 0.00	42.84 0.04 0.00
CLINTON__LFGE 323618	46.39 0.38 0.00	32.78 0.14 0.00	28.46 0.12 0.00	36.47 0.31 0.00	37.00 0.28 0.00	38.45 0.23 0.00	53.18 0.28 0.00	79.51 -0.54 0.00	36.69 -0.30 0.00	26.97 -0.11 0.00	36.50 -0.34 0.00	38.44 -0.28 0.00	36.09 -0.33 0.00	35.34 -0.44 0.00	34.49 -0.46 0.00	33.43 -0.48 0.00	33.96 -0.48 0.00	41.56 -0.28 0.00	48.35 -0.54 0.62	50.47 -0.21 0.45	63.09 0.15 0.00	116.34 0.78 0.00	50.14 0.47 0.00	43.23 0.44 0.00
COBBLENY_34_KV_TB1 80064	43.72 -2.28 0.00	30.67 -1.97 0.00	26.54 -1.80 0.00	34.01 -2.15 0.00	34.54 -2.18 0.00	36.35 -1.87 0.00	49.96 -2.94 0.00	77.78 -2.28 0.00	36.05 -0.94 0.00	26.78 -0.31 0.00	36.99 0.16 0.00	38.39 -0.32 0.00	36.02 -0.40 0.00	35.32 -0.46 0.00	34.53 -0.42 0.00	33.55 -0.36 0.00	33.90 -0.55 0.00	39.84 -2.00 0.00	47.28 -2.22 0.00	49.93 -1.20 0.00	61.65 -1.28 0.00	112.96 -2.60 0.00	48.69 -0.96 0.00	41.89 -0.91 0.00
COFFEEN__115KV_TB3 355620	44.08 -1.92 0.00	31.11 -1.53 0.00	26.73 -1.61 0.00	34.73 -1.43 0.00	35.84 -0.89 0.00	37.61 -0.61 0.00	52.65 -0.25 0.00	80.07 0.01 0.00	36.30 -0.69 0.00	25.90 -1.18 0.00	34.49 -2.34 0.00	35.37 -3.35 0.00	32.70 -3.73 0.00	31.60 -4.18 0.00	31.29 -3.65 0.00	30.06 -3.85 0.00	30.81 -3.63 0.00	37.95 -3.89 0.00	39.46 -4.79 5.25	43.94 -3.40 3.78	60.75 -2.18 0.00	109.71 -5.85 0.00	46.79 -2.87 0.00	39.82 -2.98 0.00
COLDSPRG_115KV_BK1 355956	45.22 -0.79 0.00	31.71 -0.93 0.00	27.47 -0.86 0.00	35.25 -0.91 0.00	35.65 -1.08 0.00	37.64 -0.58 0.00	51.77 -1.13 0.00	80.65 0.60 0.00	37.29 0.30 0.00	27.64 0.56 0.00	38.25 1.41 0.00	39.60 0.88 0.00	37.17 0.74 0.00	36.44 0.66 0.00	35.64 0.70 0.00	34.68 0.77 0.00	35.05 0.61 0.00	41.35 -0.49 0.00	49.29 -0.21 0.00	52.15 1.02 0.00	64.63 1.70 0.00	117.98 2.41 0.00	50.44 0.78 0.00	43.54 0.74 0.00
COLONIE_LFGE__ 323577	47.38 1.37 0.00	33.76 1.13 0.00	29.34 1.01 0.00	37.39 1.22 0.00	37.84 1.12 0.00	39.41 1.20 0.00	54.26 1.36 0.00	81.72 1.66 0.00	37.86 0.87 0.00	27.67 0.58 0.00	37.51 0.68 0.00	39.66 0.94 0.00	37.38 0.95 0.00	36.77 0.99 0.00	35.99 1.04 0.00	34.95 1.04 0.00	35.48 1.04 0.00	43.27 1.43 0.00	51.23 1.73 0.00	52.97 1.84 0.00	64.93 2.00 0.00	119.43 3.86 0.00	51.33 1.67 0.00	44.23 1.44 0.00
COOPERNY_115KV_TB1 80082	47.58 1.57 0.00	33.76 1.12 0.00	29.27 0.93 0.00	37.26 1.10 0.00	37.85 1.12 0.00	39.53 1.31 0.00	54.71 1.80 0.00	83.29 3.23 0.00	38.63 1.65 0.00	28.15 1.06 0.00	38.39 1.56 0.00	40.39 1.67 0.00	38.17 1.76 0.00	37.55 1.77 0.00	36.67 1.72 0.00	35.63 1.72 0.00	36.27 1.82 0.00	44.08 2.25 0.00	52.18 2.68 0.00	54.09 2.96 0.00	65.96 3.03 0.00	120.18 4.61 0.00	51.49 1.83 0.00	44.52 1.73 0.00
COPENHAGEN_WT_PWR 323753	43.61 -2.40 0.00	30.73 -1.92 0.00	26.39 -1.95 0.00	34.33 -1.82 0.00	35.43 -1.30 0.00	37.16 -1.06 0.00	52.05 -0.85 0.00	79.28 -0.78 0.00	35.97 -1.02 0.00	25.80 -1.28 0.00	34.37 -2.46 0.00	35.29 -3.43 0.00	32.53 -3.89 0.00	31.42 -4.35 0.00	31.10 -3.84 0.00	29.94 -3.98 0.00	30.70 -3.74 0.00	37.86 -3.98 0.00	39.20 -5.20 5.10	43.32 -4.14 3.67	59.79 -3.14 0.00	108.02 -7.55 0.00	46.07 -3.59 0.00	39.18 -3.62 0.00
CORNELL____ 23752	46.53 0.53 0.00	33.01 0.36 0.00	28.63 0.30 0.00	36.51 0.35 0.00	37.08 0.36 0.00	38.75 0.53 0.00	53.83 0.93 0.00	82.21 2.15 0.00	37.90 0.91 0.00	27.71 0.63 0.00	37.60 0.76 0.00	39.15 0.43 0.00	36.79 0.37 0.00	35.95 0.17 0.00	35.08 0.14 0.00	34.12 0.21 0.00	34.67 0.22 0.00	42.25 0.41 0.00	50.37 0.86 0.00	52.49 1.36 0.00	64.83 1.90 0.00	118.57 3.01 0.00	50.83 1.18 0.00	43.77 0.98 0.00

CORONA_69_KV_TB1 355595	47.85 1.85 0.00	34.27 1.63 0.00	29.74 1.41 0.00	37.77 1.61 0.00	38.29 1.56 0.00	39.91 1.70 0.00	54.79 1.96 0.06	82.74 3.50 0.81	39.16 2.17 0.00	28.75 1.66 0.00	53.22 2.61 -13.78	42.90 2.82 -1.36	39.26 2.84 0.00	38.55 2.78 0.00	37.63 2.69 0.00	36.53 2.61 0.00	36.78 2.34 0.00	44.42 2.70 0.12	52.60 3.19 0.09	54.71 3.59 0.00	66.62 3.68 0.00	120.42 5.03 0.18	50.83 1.97 0.80	44.04 1.85 0.60
CORTLAND_115KV_TB3 80093	46.28 0.27 0.00	32.84 0.19 0.00	28.48 0.15 0.00	36.35 0.19 0.00	36.92 0.19 0.00	38.55 0.34 0.00	53.49 0.59 0.00	81.37 1.31 0.00	37.55 0.56 0.00	27.44 0.36 0.00	37.30 0.47 0.00	39.00 0.28 0.00	36.72 0.29 0.00	35.97 0.20 0.00	35.13 0.19 0.00	34.09 0.17 0.00	34.67 0.22 0.00	42.14 0.30 0.00	50.34 0.60 -0.23	52.22 0.93 -0.16	64.16 1.23 0.00	117.39 1.83 0.00	50.34 0.68 0.00	43.35 0.56 0.00
COXSACKIE___GT 23611	48.37 2.36 0.00	34.48 1.83 0.00	29.93 1.59 0.00	38.19 2.03 0.00	38.75 2.03 0.00	40.47 2.25 0.00	56.16 3.25 0.00	85.18 5.12 0.00	39.23 2.24 0.00	28.46 1.38 0.00	38.52 1.68 0.00	40.14 1.42 0.00	37.71 1.29 0.00	37.26 1.49 0.00	35.67 1.63 0.00	35.67 1.76 0.00	35.82 1.38 0.00	43.46 1.62 0.00	52.00 2.49 0.00	54.21 3.08 0.00	66.83 3.90 0.00	120.13 4.57 0.00	52.54 2.88 0.00	45.20 2.41 0.00
CPV_VALLEY___CC1 323721	47.51 1.51 0.00	33.70 1.06 0.00	29.22 0.89 0.00	37.18 1.02 0.00	37.76 1.04 0.00	39.45 1.24 0.00	54.61 1.71 0.00	83.16 3.11 0.00	38.64 1.65 0.00	28.16 1.07 0.00	38.39 1.56 0.00	40.41 1.70 0.00	38.21 1.79 0.00	37.61 1.84 0.00	36.74 1.79 0.00	35.68 1.77 0.00	36.31 1.87 0.00	44.13 2.29 0.00	52.19 2.68 0.00	54.08 2.95 0.00	65.92 2.99 0.00	119.98 4.41 0.00	51.43 1.77 0.00	44.46 1.67 0.00
CPV_VALLEY___CC2 323722	47.51 1.51 0.00	33.70 1.06 0.00	29.22 0.89 0.00	37.18 1.02 0.00	37.76 1.04 0.00	39.45 1.24 0.00	54.61 1.71 0.00	83.16 3.11 0.00	38.64 1.65 0.00	28.16 1.07 0.00	38.39 1.56 0.00	40.41 1.70 0.00	38.21 1.79 0.00	37.61 1.84 0.00	36.74 1.79 0.00	35.68 1.77 0.00	36.31 1.87 0.00	44.13 2.29 0.00	52.19 2.68 0.00	54.08 2.95 0.00	65.92 2.99 0.00	119.98 4.41 0.00	51.43 1.77 0.00	44.46 1.67 0.00
CRESCENT___HYD 24018	47.38 1.37 0.00	33.76 1.13 0.00	29.34 1.01 0.00	37.39 1.22 0.00	37.84 1.12 0.00	39.41 1.20 0.00	54.26 1.36 0.00	81.72 1.66 0.00	37.86 0.87 0.00	27.67 0.58 0.00	37.51 0.68 0.00	39.66 0.94 0.00	37.38 0.95 0.00	36.77 0.99 0.00	35.99 1.04 0.00	34.95 1.04 0.00	35.48 1.04 0.00	43.27 1.43 0.00	51.23 1.73 0.00	52.97 1.84 0.00	64.93 2.00 0.00	119.43 3.86 0.00	51.33 1.67 0.00	44.23 1.44 0.00
CRICKET___VALLEY_CC1 323756	47.27 1.27 0.00	33.55 0.91 0.00	29.11 0.78 0.00	37.05 0.89 0.00	37.61 0.89 0.00	39.30 1.08 0.00	54.31 1.40 0.00	82.47 2.41 0.00	38.30 1.31 0.00	27.93 0.85 0.00	38.03 1.20 0.00	40.09 1.38 0.00	37.89 1.47 0.00	37.31 1.53 0.00	36.44 1.50 0.00	35.39 1.48 0.00	36.00 1.56 0.00	43.85 2.01 0.00	51.94 2.44 0.00	53.75 2.62 0.00	65.51 2.58 0.00	119.41 3.84 0.00	51.20 1.54 0.00	44.24 1.44 0.00
CRICKET___VALLEY_CC2 323757	47.27 1.27 0.00	33.55 0.91 0.00	29.11 0.78 0.00	37.05 0.89 0.00	37.61 0.89 0.00	39.30 1.08 0.00	54.31 1.40 0.00	82.47 2.41 0.00	38.30 1.31 0.00	27.93 0.85 0.00	38.03 1.20 0.00	40.09 1.38 0.00	37.89 1.47 0.00	37.31 1.53 0.00	36.44 1.50 0.00	35.39 1.48 0.00	36.00 1.56 0.00	43.85 2.01 0.00	51.94 2.44 0.00	53.75 2.62 0.00	65.51 2.58 0.00	119.41 3.84 0.00	51.20 1.54 0.00	44.24 1.44 0.00
CRICKET___VALLEY_CC3 323758	47.27 1.27 0.00	33.55 0.91 0.00	29.11 0.78 0.00	37.05 0.89 0.00	37.61 0.89 0.00	39.30 1.08 0.00	54.31 1.40 0.00	82.47 2.41 0.00	38.30 1.31 0.00	27.93 0.85 0.00	38.03 1.20 0.00	40.09 1.38 0.00	37.89 1.47 0.00	37.31 1.53 0.00	36.44 1.50 0.00	35.39 1.48 0.00	36.00 1.56 0.00	43.85 2.01 0.00	51.94 2.44 0.00	53.75 2.62 0.00	65.51 2.58 0.00	119.41 3.84 0.00	51.20 1.54 0.00	44.24 1.44 0.00
CRUCIBLE_METL_DRP 24180	45.43 -0.57 0.00	32.23 -0.41 0.00	27.98 -0.35 0.00	35.70 -0.46 0.00	36.27 -0.45 0.00	37.87 -0.34 0.00	52.51 -0.39 0.00	79.81 -0.24 0.00	36.86 -0.13 0.00	27.00 -0.08 0.00	36.73 -0.10 0.00	38.45 -0.27 0.00	36.17 -0.25 0.00	35.50 -0.27 0.00	34.64 -0.30 0.00	33.63 -0.28 0.00	34.16 -0.29 0.00	41.40 -0.43 0.00	49.11 -0.40 0.00	50.99 -0.14 0.00	62.74 -0.20 0.00	114.94 -0.63 0.00	49.32 -0.34 0.00	42.46 -0.33 0.00
DAHOWA___HYDRO 323763	48.25 2.24 0.00	34.34 1.70 0.00	29.83 1.50 0.00	37.95 1.79 0.00	38.38 1.65 0.00	39.92 1.70 0.00	54.89 1.99 0.00	82.34 2.28 0.00	37.99 1.00 0.00	27.66 0.57 0.00	37.47 0.64 0.00	39.63 0.91 0.00	37.36 0.93 0.00	36.73 0.95 0.00	35.99 1.05 0.00	34.91 1.00 0.00	35.44 1.00 0.00	43.39 1.55 0.00	51.63 2.13 0.00	53.58 2.46 0.00	65.74 2.81 0.00	120.92 5.36 0.00	51.89 2.23 0.00	44.65 1.85 0.00
DANC___LFGE 323619	43.75 -2.25 0.00	30.91 -1.73 0.00	26.63 -1.71 0.00	34.44 -1.72 0.00	35.39 -1.33 0.00	37.03 -1.19 0.00	51.69 -1.21 0.00	78.63 -1.42 0.00	35.82 -1.17 0.00	25.80 -1.28 0.00	34.46 -2.37 0.00	35.48 -3.23 0.00	32.85 -3.57 0.00	31.85 -3.93 0.00	31.44 -3.50 0.00	30.30 -3.61 0.00	30.97 -3.48 0.00	38.08 -3.76 0.00	40.40 -4.81 4.30	44.16 -3.87 3.10	59.77 -3.16 0.00	108.51 -7.05 0.00	46.36 -3.30 0.00	39.51 -3.29 0.00
DANSKAMMER___1 23586	48.04 2.04 0.00	34.09 1.44 0.00	29.56 1.22 0.00	37.62 1.46 0.00	38.20 1.48 0.00	39.95 1.73 0.00	55.31 2.41 0.00	84.21 4.15 0.00	39.08 2.09 0.00	28.47 1.38 0.00	38.84 2.01 0.00	40.93 2.21 0.00	38.66 2.24 0.00	38.03 2.25 0.00	37.12 2.17 0.00	36.10 2.19 0.00	36.76 2.31 0.00	44.72 2.88 0.00	52.93 3.43 0.00	54.88 3.75 0.00	66.90 3.97 0.00	121.71 6.14 0.00	52.13 2.48 0.00	45.04 2.25 0.00
DANSKAMMER___2 23589	48.04 2.04 0.00	34.09 1.44 0.00	29.56 1.22 0.00	37.62 1.46 0.00	38.20 1.48 0.00	39.95 1.73 0.00	55.31 2.41 0.00	84.21 4.15 0.00	39.08 2.09 0.00	28.47 1.38 0.00	38.84 2.01 0.00	40.93 2.21 0.00	38.66 2.24 0.00	38.03 2.25 0.00	37.12 2.17 0.00	36.10 2.19 0.00	36.76 2.31 0.00	44.72 2.88 0.00	52.93 3.43 0.00	54.88 3.75 0.00	66.90 3.97 0.00	121.71 6.14 0.00	52.13 2.48 0.00	45.04 2.25 0.00
DANSKAMMER___3 23590	48.04 2.04 0.00	34.09 1.44 0.00	29.56 1.22 0.00	37.62 1.46 0.00	38.20 1.48 0.00	39.95 1.73 0.00	55.31 2.41 0.00	84.21 4.15 0.00	39.08 2.09 0.00	28.47 1.38 0.00	38.84 2.01 0.00	40.93 2.21 0.00	38.66 2.24 0.00	38.03 2.25 0.00	37.12 2.17 0.00	36.10 2.19 0.00	36.76 2.31 0.00	44.72 2.88 0.00	52.93 3.43 0.00	54.88 3.75 0.00	66.90 3.97 0.00	121.71 6.14 0.00	52.13 2.48 0.00	45.04 2.25 0.00

DANSKAMMER___4 23591	48.04 2.04 0.00	34.09 1.44 0.00	29.56 1.22 0.00	37.62 1.46 0.00	38.20 1.48 0.00	39.95 1.73 0.00	55.31 2.41 0.00	84.21 4.15 0.00	39.08 2.09 0.00	28.47 1.38 0.00	38.84 2.01 0.00	40.93 2.21 0.00	38.66 2.24 0.00	38.03 2.25 0.00	37.12 2.17 0.00	36.10 2.19 0.00	36.76 2.31 0.00	44.72 2.88 0.00	52.93 3.43 0.00	54.88 3.75 0.00	66.90 3.97 0.00	121.71 6.14 0.00	52.13 2.48 0.00	45.04 2.25 0.00
DANSKAMMER___DIESEL 23592	48.04 2.04 0.00	34.09 1.44 0.00	29.56 1.22 0.00	37.62 1.46 0.00	38.20 1.48 0.00	39.95 1.73 0.00	55.32 2.42 0.00	84.21 4.15 0.00	39.08 2.09 0.00	28.47 1.39 0.00	38.85 2.01 0.00	40.93 2.21 0.00	38.66 2.24 0.00	38.03 2.25 0.00	37.11 2.17 0.00	36.10 2.18 0.00	36.76 2.31 0.00	44.72 2.88 0.00	52.94 3.43 0.00	54.88 3.75 0.00	66.90 3.97 0.00	121.71 6.15 0.00	52.14 2.48 0.00	45.04 2.25 0.00
DARBY___SOLAR 323810	48.10 2.09 0.00	34.23 1.59 0.00	29.73 1.40 0.00	37.84 1.68 0.00	38.28 1.56 0.00	39.81 1.60 0.00	54.76 1.86 0.00	82.20 2.14 0.00	37.94 0.95 0.00	27.63 0.54 0.00	37.47 0.64 0.00	39.63 0.92 0.00	37.36 0.93 0.00	36.72 0.95 0.00	35.98 1.04 0.00	34.91 1.00 0.00	35.45 1.01 0.00	43.37 1.53 0.00	51.55 2.05 0.00	53.44 2.32 0.00	65.56 2.62 0.00	120.57 5.01 0.00	51.76 2.10 0.00	44.55 1.76 0.00
DASHVILLE___HYD 23610	47.63 1.63 0.00	33.80 1.16 0.00	29.32 0.99 0.00	37.31 1.15 0.00	37.89 1.17 0.00	39.59 1.37 0.00	54.82 1.92 0.00	83.49 3.44 0.00	38.77 1.78 0.00	28.24 1.16 0.00	38.59 1.76 0.00	40.65 1.94 0.00	38.36 1.94 0.00	37.69 1.91 0.00	36.80 1.86 0.00	35.79 1.88 0.00	36.47 2.03 0.00	44.34 2.50 0.00	52.45 2.94 0.00	54.35 3.22 0.00	66.27 3.33 0.00	120.66 5.09 0.00	51.69 2.03 0.00	44.66 1.86 0.00
DELAWARE___LFGE 323621	47.23 1.23 0.00	33.54 0.90 0.00	29.11 0.78 0.00	37.13 0.97 0.00	37.73 1.01 0.00	39.30 1.08 0.00	54.43 1.53 0.00	82.78 2.73 0.00	38.25 1.25 0.00	27.93 0.84 0.00	38.01 1.17 0.00	39.91 1.19 0.00	37.59 1.17 0.00	36.89 1.11 0.00	36.02 1.08 0.00	35.02 1.11 0.00	35.61 1.16 0.00	43.26 1.42 0.00	51.27 1.77 0.00	53.19 2.06 0.00	65.18 2.24 0.00	119.30 3.74 0.00	51.19 1.54 0.00	44.14 1.34 0.00
DERFIELD_115KV_TB7 355931	46.10 0.10 0.00	32.74 0.10 0.00	28.43 0.09 0.00	36.27 0.10 0.00	36.80 0.08 0.00	38.31 0.10 0.00	53.01 0.10 0.00	80.25 0.20 0.00	37.08 0.09 0.00	27.12 0.03 0.00	36.87 0.03 0.00	38.76 0.05 0.00	36.47 0.05 0.00	35.83 0.06 0.00	35.01 0.07 0.00	33.99 0.07 0.00	34.53 0.08 0.00	42.00 0.16 0.00	50.30 0.24 0.00	51.84 0.31 0.00	63.25 0.32 0.00	116.03 0.46 0.00	49.86 0.20 0.00	42.95 0.16 0.00
DOGLEVILLE___HYD 23807	46.74 0.74 0.00	33.43 0.78 0.00	29.03 0.69 0.00	36.88 0.72 0.00	37.14 0.42 0.00	38.86 0.65 0.00	53.69 0.79 0.00	80.79 0.73 0.00	36.97 -0.03 0.00	26.76 -0.32 0.00	36.22 -0.61 0.00	38.35 -0.36 0.00	35.75 -0.67 0.00	35.34 -0.44 0.00	34.50 -0.45 0.00	33.40 -0.51 0.00	34.18 -0.27 0.00	42.05 0.21 0.00	51.33 1.27 0.00	53.71 2.18 0.00	65.79 2.86 0.00	120.47 4.90 0.00	51.81 2.15 0.00	44.67 1.88 0.00
DUNKIRK___115KV_TB_200 55889	44.25 -1.75 0.00	31.07 -1.58 0.00	26.91 -1.43 0.00	34.52 -1.64 0.00	34.88 -1.85 0.00	36.72 -1.49 0.00	50.43 -2.47 0.00	78.49 -1.57 0.00	36.40 -0.59 0.00	27.01 -0.08 0.00	37.31 0.48 0.00	38.62 -0.09 0.00	36.30 -0.12 0.00	35.63 -0.15 0.00	34.88 -0.07 0.00	33.93 0.02 0.00	34.28 -0.17 0.00	40.39 -1.45 0.00	48.12 -1.39 0.00	50.83 -0.30 0.00	62.96 0.02 0.00	114.99 -0.58 0.00	49.34 -0.32 0.00	42.64 -0.15 0.00
DUNKIRK___1 23563	44.25 -1.75 0.00	31.07 -1.58 0.00	26.91 -1.43 0.00	34.52 -1.64 0.00	34.88 -1.85 0.00	36.72 -1.49 0.00	50.43 -2.47 0.00	78.49 -1.57 0.00	36.40 -0.59 0.00	27.01 -0.08 0.00	37.31 0.48 0.00	38.62 -0.09 0.00	36.30 -0.12 0.00	35.63 -0.15 0.00	34.88 -0.07 0.00	33.93 0.02 0.00	34.28 -0.17 0.00	40.39 -1.45 0.00	48.12 -1.39 0.00	50.83 -0.30 0.00	62.96 0.02 0.00	114.99 -0.58 0.00	49.34 -0.32 0.00	42.64 -0.15 0.00
DUNKIRK___2 23564	44.25 -1.75 0.00	31.07 -1.58 0.00	26.91 -1.43 0.00	34.52 -1.64 0.00	34.88 -1.85 0.00	36.72 -1.49 0.00	50.43 -2.47 0.00	78.49 -1.57 0.00	36.40 -0.59 0.00	27.01 -0.08 0.00	37.31 0.48 0.00	38.62 -0.09 0.00	36.30 -0.12 0.00	35.63 -0.15 0.00	34.88 -0.07 0.00	33.93 0.02 0.00	34.28 -0.17 0.00	40.39 -1.45 0.00	48.12 -1.39 0.00	50.83 -0.30 0.00	62.96 0.02 0.00	114.99 -0.58 0.00	49.34 -0.32 0.00	42.64 -0.15 0.00
DUNKIRK___3 23565	44.05 -1.95 0.00	30.94 -1.71 0.00	26.79 -1.55 0.00	34.34 -1.82 0.00	34.76 -1.96 0.00	36.58 -1.64 0.00	50.24 -2.66 0.00	78.15 -1.91 0.00	36.23 -0.76 0.00	26.87 -0.22 0.00	37.11 0.28 0.00	38.45 -0.26 0.00	36.14 -0.28 0.00	35.47 -0.30 0.00	34.72 -0.23 0.00	33.76 -0.15 0.00	34.12 -0.32 0.00	40.19 -1.65 0.00	47.82 -1.69 0.00	50.47 -0.66 0.00	62.44 -0.49 0.00	114.17 -1.40 0.00	49.03 -0.63 0.00	42.34 -0.46 0.00
DUNKIRK___4 23566	44.05 -1.95 0.00	30.94 -1.71 0.00	26.79 -1.55 0.00	34.34 -1.82 0.00	34.76 -1.96 0.00	36.58 -1.64 0.00	50.24 -2.66 0.00	78.15 -1.91 0.00	36.23 -0.76 0.00	26.87 -0.22 0.00	37.11 0.28 0.00	38.45 -0.26 0.00	36.14 -0.28 0.00	35.47 -0.30 0.00	34.72 -0.23 0.00	33.76 -0.15 0.00	34.12 -0.32 0.00	40.19 -1.65 0.00	47.82 -1.69 0.00	50.47 -0.66 0.00	62.44 -0.49 0.00	114.17 -1.40 0.00	49.03 -0.63 0.00	42.34 -0.46 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.85 1.85 0.00	33.97 1.33 0.00	29.44 1.10 0.00	37.43 1.27 0.00	38.01 1.28 0.00	39.75 1.54 0.00	54.99 2.09 0.00	83.86 3.80 0.00	39.05 2.06 0.00	28.48 1.40 0.00	38.90 2.06 0.00	40.94 2.23 0.00	38.76 2.34 0.00	38.18 2.40 0.00	37.28 2.33 0.00	36.19 2.29 0.00	36.81 2.36 0.00	44.68 2.85 0.00	52.78 3.28 0.00	54.64 3.52 0.00	66.48 3.54 0.00	120.78 5.21 0.00	51.78 2.12 0.00	44.81 2.02 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.84 1.84 0.00	33.93 1.29 0.00	29.41 1.08 0.00	37.43 1.27 0.00	38.01 1.28 0.00	39.75 1.53 0.00	55.04 2.14 0.00	83.83 3.78 0.00	38.92 1.93 0.00	28.34 1.25 0.00	38.66 1.82 0.00	40.72 2.01 0.00	38.48 2.06 0.00	37.87 2.09 0.00	36.96 2.02 0.00	35.93 2.02 0.00	36.58 2.14 0.00	44.50 2.66 0.00	52.64 3.14 0.00	54.60 3.48 0.00	66.55 3.62 0.00	121.02 5.45 0.00	51.85 2.19 0.00	44.82 2.03 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.85 1.84 0.00	33.97 1.33 0.00	29.37 1.04 0.00	37.40 1.24 0.00	37.96 1.23 0.00	39.76 1.54 0.00	55.06 2.15 0.00	84.22 4.16 0.00	39.23 2.24 -0.01	28.64 1.55 0.00	39.10 2.27 0.00	41.16 2.45 0.00	38.99 2.57 0.00	38.45 2.68 0.00	37.53 2.58 0.00	36.43 2.52 0.00	37.06 2.62 0.00	44.92 3.08 0.00	52.90 3.40 0.00	54.70 3.57 0.00	66.36 3.43 0.00	120.47 4.91 0.00	51.85 2.19 0.00	44.87 2.08 0.00

E179THST_13_KV_LOAD 356214	48.03 2.03 0.00	34.09 1.45 0.00	29.48 1.14 0.00	37.53 1.37 0.00	38.09 1.37 0.00	39.90 1.68 0.00	55.27 2.37 0.00	84.56 4.50 0.00	39.40 2.41 -0.01	28.77 1.68 0.00	39.28 2.45 0.00	41.35 2.63 0.00	39.16 2.74 0.00	38.63 2.85 0.00	37.69 2.75 0.00	36.58 2.67 0.00	37.22 2.78 0.00	45.13 3.29 0.00	53.14 3.64 0.00	54.96 3.83 0.00	66.68 3.74 0.00	121.05 5.48 0.00	52.09 2.43 0.00	45.07 2.27 0.00
EAST HAMPTON___GT 23717	46.86 0.85 0.00	33.29 0.65 0.00	29.08 0.75 0.00	37.24 1.08 0.00	37.82 1.10 0.00	39.65 1.43 0.00	56.67 1.25 -2.52	71.37 3.21 11.90	40.86 2.13 -1.74	28.97 1.89 0.00	46.65 3.14 -6.68	43.09 3.72 -0.66	39.84 3.42 0.00	38.11 2.33 0.00	36.79 1.84 0.00	36.24 2.33 0.00	36.65 2.21 0.00	44.71 2.64 -0.23	54.44 2.93 -2.01	60.18 4.20 -4.85	74.58 4.58 -7.07	125.32 6.23 -3.52	35.60 1.36 15.42	30.92 0.17 12.04
EAST RIVER___6 23660	47.93 1.93 0.00	34.00 1.36 0.00	29.45 1.12 0.00	37.42 1.26 0.00	37.98 1.25 0.00	39.76 1.54 0.00	55.03 2.13 0.00	84.09 4.03 0.00	39.21 2.22 0.00	28.63 1.54 0.00	39.10 2.26 0.00	41.15 2.43 0.00	38.97 2.55 0.00	38.41 2.63 0.00	37.49 2.55 0.00	36.41 2.50 0.00	37.05 2.60 0.00	44.93 3.09 0.00	52.98 3.48 0.00	54.78 3.66 0.00	66.59 3.65 0.00	120.81 5.25 0.00	51.79 2.13 0.00	44.86 2.07 0.00
EAST RIVER___7 23524	47.93 1.93 0.00	34.00 1.36 0.00	29.45 1.12 0.00	37.42 1.26 0.00	37.98 1.25 0.00	39.76 1.54 0.00	55.03 2.13 0.00	84.09 4.03 0.00	39.21 2.22 0.00	28.63 1.54 0.00	39.10 2.26 0.00	41.15 2.43 0.00	38.97 2.55 0.00	38.41 2.63 0.00	37.49 2.55 0.00	36.41 2.50 0.00	37.05 2.60 0.00	44.93 3.09 0.00	52.98 3.48 0.00	54.78 3.66 0.00	66.59 3.65 0.00	120.81 5.25 0.00	51.79 2.13 0.00	44.86 2.07 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.76 1.76 0.00	33.90 1.25 0.00	29.37 1.03 0.00	37.35 1.20 0.00	37.93 1.21 0.00	39.67 1.45 0.00	54.88 1.98 0.00	83.70 3.64 0.00	38.96 1.98 0.00	28.42 1.34 0.00	38.79 1.96 0.00	40.83 2.11 0.00	38.65 2.23 0.00	38.07 2.29 0.00	37.17 2.23 0.00	36.09 2.18 0.00	36.71 2.27 0.00	44.58 2.74 0.00	52.68 3.17 0.00	54.54 3.41 0.00	66.37 3.43 0.00	120.57 5.00 0.00	51.67 2.01 0.00	44.72 1.93 0.00
EAST_HAMPTON___DIESEL 23722	46.71 0.71 0.00	33.18 0.54 0.00	28.99 0.66 0.00	37.15 0.99 0.00	37.74 1.01 0.00	39.58 1.36 0.00	56.60 1.18 -2.52	71.35 3.19 11.90	40.83 2.10 -1.74	28.96 1.88 0.00	46.64 3.12 -6.68	43.08 3.70 -0.66	39.82 3.40 0.00	38.05 2.27 0.00	36.73 1.78 0.00	36.20 2.28 0.00	36.63 2.19 0.00	44.70 2.63 -0.23	54.42 2.91 -2.01	60.21 4.23 -4.85	74.61 4.61 -7.07	125.33 6.24 -3.52	35.55 1.31 15.42	30.78 0.03 12.04
EAST_POINT___SOLAR 323840	48.62 2.62 0.00	34.36 1.72 0.00	29.79 1.45 0.00	37.99 1.83 0.00	38.64 1.92 0.00	40.38 2.17 0.00	56.84 3.94 0.00	84.74 4.68 0.00	38.76 1.77 0.00	28.05 0.97 0.00	37.75 0.92 0.00	39.44 0.72 0.00	36.53 0.11 0.00	36.06 0.29 0.00	35.23 0.28 0.00	34.12 0.21 0.00	34.90 0.45 0.00	42.52 0.67 0.00	51.43 1.93 0.00	54.76 3.63 0.00	67.51 4.57 0.00	124.29 8.72 0.00	53.25 3.59 0.00	45.69 2.90 0.00
EAST_PULASKI___ESR 323781	44.11 -1.90 0.00	31.26 -1.38 0.00	27.02 -1.31 0.00	34.70 -1.46 0.00	35.48 -1.25 0.00	37.04 -1.18 0.00	51.54 -1.36 0.00	78.45 -1.61 0.00	36.32 -0.67 0.00	26.59 -0.50 0.00	35.92 -0.91 0.00	37.64 -1.08 0.00	35.34 -1.08 0.00	34.73 -1.05 0.00	33.85 -1.10 0.00	32.89 -1.02 0.00	33.43 -1.02 0.00	40.55 -1.29 0.00	47.70 -1.44 0.37	49.86 -1.00 0.26	61.80 -1.14 0.00	113.03 -2.54 0.00	48.56 -1.10 0.00	41.79 -1.00 0.00
EAST_RIVER___1 323558	47.88 1.88 0.00	33.98 1.33 0.00	29.44 1.10 0.00	37.43 1.28 0.00	38.03 1.30 0.00	39.80 1.58 0.00	55.08 2.17 0.00	84.13 4.07 0.00	39.21 2.23 0.00	28.62 1.54 0.00	39.09 2.25 0.00	41.14 2.42 0.00	38.95 2.53 0.00	38.39 2.61 0.00	37.48 2.54 0.00	36.40 2.48 0.00	37.02 2.57 0.00	44.90 3.07 0.00	52.96 3.46 0.00	54.78 3.66 0.00	66.60 3.66 0.00	120.83 5.26 0.00	51.84 2.18 0.00	44.90 2.11 0.00
EAST_RIVER___2 323559	47.93 1.93 0.00	34.00 1.36 0.00	29.45 1.12 0.00	37.42 1.26 0.00	37.98 1.25 0.00	39.76 1.54 0.00	55.03 2.13 0.00	84.09 4.03 0.00	39.21 2.22 0.00	28.63 1.54 0.00	39.10 2.26 0.00	41.15 2.43 0.00	38.97 2.55 0.00	38.41 2.63 0.00	37.49 2.55 0.00	36.41 2.50 0.00	37.05 2.60 0.00	44.93 3.09 0.00	52.98 3.48 0.00	54.78 3.66 0.00	66.59 3.65 0.00	120.81 5.25 0.00	51.79 2.13 0.00	44.86 2.07 0.00
EAST___DELAWARE_HYD 23607	47.68 1.68 0.00	33.82 1.18 0.00	29.31 0.98 0.00	37.32 1.16 0.00	37.92 1.20 0.00	39.68 1.46 0.00	54.98 2.07 0.00	83.80 3.74 0.00	38.77 1.78 0.00	28.16 1.07 0.00	38.53 1.70 0.00	40.27 1.55 0.00	38.00 1.58 0.00	37.27 1.50 0.00	36.36 1.42 0.00	35.39 1.48 0.00	36.17 1.73 0.00	44.02 2.19 0.00	52.31 2.80 0.00	54.29 3.17 0.00	66.27 3.33 0.00	120.54 4.97 0.00	51.56 1.90 0.00	44.52 1.73 0.00
EIGHT_POINT___WT_PWR 323820	44.26 -1.74 0.00	31.21 -1.44 0.00	26.99 -1.35 0.00	34.41 -1.75 0.00	35.05 -1.67 0.00	36.65 -1.57 0.00	50.51 -2.40 0.00	78.00 -2.06 0.00	36.09 -0.90 0.00	26.50 -0.58 0.00	36.50 -0.33 0.00	37.61 -1.10 0.00	35.15 -1.26 0.00	34.74 -1.03 0.00	34.02 -0.92 0.00	33.21 -0.70 0.00	33.84 -0.60 0.00	40.05 -1.79 0.00	48.12 -1.39 0.00	51.30 0.17 0.00	63.68 0.75 0.00	116.54 0.97 0.00	49.92 0.26 0.00	43.09 0.30 0.00
ELBRIDGE_115KV_TB2 80188	45.29 -0.71 0.00	32.12 -0.52 0.00	27.89 -0.45 0.00	35.57 -0.59 0.00	36.14 -0.59 0.00	37.74 -0.48 0.00	52.30 -0.60 0.00	79.54 -0.52 0.00	36.73 -0.26 0.00	26.91 -0.17 0.00	36.61 -0.22 0.00	38.31 -0.41 0.00	36.03 -0.39 0.00	35.38 -0.39 0.00	34.52 -0.43 0.00	33.53 -0.39 0.00	34.04 -0.40 0.00	41.25 -0.59 0.00	48.93 -0.58 0.00	50.82 -0.31 0.00	62.52 -0.41 0.00	114.51 -1.06 0.00	49.17 -0.49 0.00	42.34 -0.45 0.00
ELEC_TRO_TEK 24086	47.62 1.62 0.00	34.15 1.51 0.00	29.62 1.29 0.00	37.62 1.46 0.00	38.13 1.41 0.00	39.72 1.50 0.00	54.33 1.67 0.24	80.40 3.08 2.73	38.97 1.98 0.00	28.63 1.54 0.00	50.88 2.44 -11.62	42.54 2.67 -1.15	39.09 2.67 0.00	38.38 2.60 0.00	37.47 2.53 0.00	36.37 2.46 0.00	36.60 2.16 0.00	43.87 2.48 0.44	52.08 2.92 0.34	54.44 3.32 0.00	66.24 3.30 0.00	119.22 4.33 0.68	48.37 1.67 2.97	42.18 1.59 2.20
ELLENBURG_WT_PWR 323604	45.87 -0.14 0.00	32.41 -0.23 0.00	28.17 -0.16 0.00	36.16 0.01 0.00	36.74 0.02 0.00	38.14 -0.07 0.00	52.86 -0.04 0.00	79.06 -1.00 0.00	36.45 -0.54 0.00	26.82 -0.27 0.00	36.39 -0.45 0.00	38.32 -0.40 0.00	35.94 -0.48 0.00	35.22 -0.55 0.00	34.32 -0.62 0.00	33.24 -0.67 0.00	33.77 -0.67 0.00	41.23 -0.61 0.00	48.14 -0.79 0.58	50.11 -0.60 0.42	62.57 -0.37 0.00	115.27 -0.30 0.00	49.70 0.04 0.00	42.84 0.04 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.54 -2.47 0.00	30.53 -2.12 0.00	26.42 -1.91 0.00	33.86 -2.30 0.00	34.39 -2.33 0.00	36.17 -2.05 0.00	49.69 -3.21 0.00	77.31 -2.74 0.00	35.84 -1.15 0.00	26.64 -0.45 0.00	36.80 -0.04 0.00	38.23 -0.48 0.00	35.87 -0.55 0.00	35.17 -0.61 0.00	34.40 -0.54 0.00	33.41 -0.50 0.00	33.73 -0.71 0.00	39.64 -2.20 0.00	47.00 -2.51 0.00	49.60 -1.53 0.00	61.21 -1.72 0.00	112.24 -3.33 0.00	48.43 -1.24 0.00	41.65 -1.15 0.00
EMPIRE_CC_1 323656	47.31 1.31 0.00	33.75 1.11 0.00	29.31 0.98 0.00	37.36 1.20 0.00	37.82 1.10 0.00	39.40 1.18 0.00	54.25 1.35 0.00	81.75 1.69 0.00	37.94 0.95 0.00	27.76 0.67 0.00	37.65 0.82 0.00	39.79 1.08 0.00	37.52 1.10 0.00	36.90 1.13 0.00	36.13 1.19 0.00	35.06 1.15 0.00	35.58 1.13 0.00	43.34 1.50 0.00	51.22 1.72 0.00	52.91 1.78 0.00	64.82 1.88 0.00	119.20 3.63 0.00	51.24 1.58 0.00	44.19 1.40 0.00
EMPIRE_CC_2 323658	47.31 1.31 0.00	33.75 1.11 0.00	29.31 0.98 0.00	37.36 1.20 0.00	37.82 1.10 0.00	39.40 1.18 0.00	54.25 1.35 0.00	81.75 1.69 0.00	37.94 0.95 0.00	27.76 0.67 0.00	37.65 0.82 0.00	39.79 1.08 0.00	37.52 1.10 0.00	36.90 1.13 0.00	36.13 1.19 0.00	35.06 1.15 0.00	35.58 1.13 0.00	43.34 1.50 0.00	51.22 1.72 0.00	52.91 1.78 0.00	64.82 1.88 0.00	119.20 3.63 0.00	51.24 1.58 0.00	44.19 1.40 0.00
ENORWICH_115KV_TB1 80156	49.10 3.10 0.00	34.78 2.14 0.00	30.06 1.73 0.00	38.18 2.02 0.00	38.77 2.06 0.00	40.40 2.18 0.00	56.56 3.66 0.00	86.71 6.65 0.00	39.50 2.51 0.00	28.74 1.66 0.00	38.74 1.91 0.00	40.29 1.58 0.00	37.91 1.50 0.00	36.72 0.95 0.00	35.44 0.50 0.00	34.26 0.35 0.00	35.21 0.76 0.00	43.28 1.44 0.00	52.45 2.95 0.00	55.41 4.28 0.00	68.70 5.77 0.00	125.79 10.23 0.00	53.82 4.16 0.00	46.32 3.52 0.00
ERIE_ST__34_KV_TB1-2 80199	43.85 -2.16 0.00	30.76 -1.88 0.00	26.62 -1.72 0.00	34.10 -2.05 0.00	34.64 -2.08 0.00	36.46 -1.75 0.00	50.15 -2.76 0.00	78.02 -2.04 0.00	36.15 -0.84 0.00	26.84 -0.25 0.00	37.10 0.27 0.00	38.52 -0.20 0.00	36.10 -0.32 0.00	35.44 -0.33 0.00	34.65 -0.29 0.00	33.65 -0.26 0.00	34.02 -0.42 0.00	40.05 -1.79 0.00	47.50 -2.00 0.00	50.17 -0.96 0.00	61.95 -0.98 0.00	113.44 -2.12 0.00	48.84 -0.82 0.00	42.02 -0.78 0.00
ERIE_WT_PWR 323693	43.72 -2.29 0.00	30.67 -1.97 0.00	26.53 -1.80 0.00	33.99 -2.17 0.00	34.52 -2.20 0.00	36.30 -1.91 0.00	49.89 -3.01 0.00	77.68 -2.37 0.00	36.01 -0.98 0.00	26.76 -0.32 0.00	36.96 0.12 0.00	38.35 -0.36 0.00	36.00 -0.42 0.00	35.27 -0.51 0.00	34.53 -0.41 0.00	33.53 -0.37 0.00	33.87 0.00 0.00	39.80 -2.04 0.00	47.23 -2.27 0.00	49.85 -1.28 0.00	61.58 -1.35 0.00	112.86 -2.71 0.00	48.65 -1.01 0.00	41.88 -0.92 0.00
ESPRGFLD_115KV_TB1 80157	47.91 1.91 0.00	33.81 1.17 0.00	29.28 0.94 0.00	37.36 1.20 0.00	38.05 1.32 0.00	39.69 1.47 0.00	55.42 2.52 0.00	84.51 4.46 0.00	38.76 1.77 0.00	28.34 1.25 0.00	38.55 1.71 0.00	40.32 1.60 0.00	37.84 1.42 0.00	37.01 1.23 0.00	36.08 1.13 0.00	35.11 1.20 0.00	35.67 1.23 0.00	43.28 1.45 0.00	51.45 1.95 0.00	53.54 2.42 0.00	65.81 2.88 0.00	120.79 5.22 0.00	51.80 2.14 0.00	44.53 1.73 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.51 0.50 0.00	32.98 0.34 0.00	28.61 0.28 0.00	36.48 0.32 0.00	37.06 0.33 0.00	38.72 0.50 0.00	53.77 0.87 0.00	82.04 1.98 0.00	37.81 0.82 0.00	27.65 0.56 0.00	37.53 0.70 0.00	39.11 0.39 0.00	36.77 0.35 0.00	35.95 0.18 0.00	35.07 0.13 0.00	34.10 0.19 0.00	34.65 0.20 0.00	42.22 0.39 0.00	50.31 0.80 0.00	52.41 1.28 0.00	64.69 1.75 0.00	118.33 2.76 0.00	50.74 1.08 0.00	43.70 0.91 0.00
ETNA____115KV_TB2 80207	46.51 0.50 0.00	32.98 0.34 0.00	28.61 0.28 0.00	36.48 0.32 0.00	37.06 0.33 0.00	38.72 0.50 0.00	53.77 0.87 0.00	82.04 1.98 0.00	37.81 0.82 0.00	27.65 0.56 0.00	37.53 0.70 0.00	39.11 0.39 0.00	36.77 0.35 0.00	35.95 0.18 0.00	35.07 0.13 0.00	34.10 0.19 0.00	34.65 0.20 0.00	42.22 0.39 0.00	50.31 0.80 0.00	52.41 1.28 0.00	64.69 1.75 0.00	118.33 2.76 0.00	50.74 1.08 0.00	43.70 0.91 0.00
EUCLID__115KV_TB2 356179	45.01 -0.99 0.00	31.93 -0.71 0.00	27.72 -0.62 0.00	35.36 -0.80 0.00	35.92 -0.80 0.00	37.49 -0.73 0.00	51.94 -0.96 0.00	78.95 -1.10 0.00	36.49 -0.50 0.00	26.75 -0.34 0.00	36.38 -0.45 0.00	38.12 -0.60 0.00	35.87 -0.55 0.00	35.22 -0.56 0.00	34.37 -0.57 0.00	33.36 -0.55 0.00	33.89 -0.55 0.00	41.05 -0.79 0.00	48.62 -0.88 0.00	50.41 -0.72 0.00	62.01 -0.93 0.00	113.65 -1.91 0.00	48.79 -0.87 0.00	42.00 -0.79 0.00
E_CANADA_CAP_HY 24051	48.04 2.04 0.00	33.88 1.24 0.00	29.34 1.01 0.00	37.44 1.28 0.00	38.09 1.37 0.00	39.70 1.49 0.00	55.57 2.67 0.00	84.23 4.17 0.00	38.42 1.43 0.00	28.09 1.01 0.00	38.12 1.28 0.00	39.90 1.18 0.00	37.37 0.95 0.00	36.61 0.84 0.00	35.72 0.77 0.00	34.73 0.81 0.00	35.26 0.81 0.00	42.73 0.89 0.00	50.94 1.43 0.00	53.19 2.07 0.00	65.48 2.55 0.00	120.79 5.22 0.00	51.86 2.20 0.00	44.55 1.75 0.00
E_CANADA_MHWK_HY 24050	46.74 0.73 0.00	33.43 0.78 0.00	29.03 0.69 0.00	36.89 0.72 0.00	37.14 0.42 0.00	38.86 0.65 0.00	53.69 0.79 0.00	80.79 0.73 0.00	36.97 -0.02 0.00	26.76 -0.33 0.00	36.22 -0.61 0.00	38.35 -0.36 0.00	35.75 -0.67 0.00	35.34 -0.44 0.00	34.50 -0.45 0.00	33.40 -0.51 0.00	34.18 -0.26 0.00	42.06 0.22 0.00	51.33 1.27 0.00	53.71 2.18 0.00	65.79 2.86 0.00	120.46 4.90 0.00	51.81 2.15 0.00	44.67 1.88 0.00
E_FISHKILL__LBMP 23776	47.51 1.51 0.00	33.74 1.10 0.00	29.26 0.93 0.00	37.23 1.07 0.00	37.79 1.07 0.00	39.49 1.27 0.00	54.60 1.70 0.00	83.09 3.04 0.00	38.61 1.63 0.00	28.17 1.08 0.00	38.40 1.56 0.00	40.45 1.73 0.00	38.23 1.81 0.00	37.64 1.86 0.00	36.78 1.83 0.00	35.71 1.80 0.00	36.32 1.87 0.00	44.15 2.31 0.00	52.21 2.70 0.00	54.06 2.94 0.00	65.87 2.94 0.00	119.96 4.40 0.00	51.44 1.78 0.00	44.46 1.67 0.00
FALCON__SEABRD_CC1 323796	46.38 0.37 0.00	32.78 0.14 0.00	28.45 0.11 0.00	36.42 0.26 0.00	36.92 0.19 0.00	38.31 0.09 0.00	52.91 0.00 0.00	78.87 -1.18 0.00	36.43 -0.56 0.00	26.89 -0.19 0.00	36.43 -0.40 0.00	38.41 -0.30 0.00	36.06 -0.36 0.00	35.33 -0.44 0.00	34.48 -0.46 0.00	33.42 -0.49 0.00	33.95 -0.49 0.00	41.46 -0.38 0.00	48.15 -0.75 0.00	50.15 -0.55 0.00	62.60 -0.33 0.00	115.55 -0.02 0.00	49.91 0.25 0.00	43.06 0.27 0.00
FALCON__SEABRD_CC2 323797	46.38 0.37 0.00	32.78 0.14 0.00	28.45 0.11 0.00	36.42 0.26 0.00	36.92 0.19 0.00	38.31 0.09 0.00	52.91 0.00 0.00	78.87 -1.18 0.00	36.43 -0.56 0.00	26.89 -0.19 0.00	36.43 -0.40 0.00	38.41 -0.30 0.00	36.06 -0.36 0.00	35.33 -0.44 0.00	34.48 -0.46 0.00	33.42 -0.49 0.00	33.95 -0.49 0.00	41.46 -0.38 0.00	48.15 -0.75 0.00	50.15 -0.55 0.00	62.60 -0.33 0.00	115.55 -0.02 0.00	49.91 0.25 0.00	43.06 0.27 0.00

FAR ROCKAWAY___4 23548	49.09 3.08 0.00	35.14 2.49 0.00	30.48 2.14 0.00	38.71 2.55 0.00	39.27 2.55 0.00	40.68 2.46 0.00	55.51 2.61 0.00	84.55 4.49 0.00	39.64 2.65 0.00	29.08 1.99 0.00	52.02 3.18 -12.00	43.22 3.32 -1.19	39.71 3.29 0.00	39.01 3.23 0.00	38.07 3.13 0.00	36.96 3.05 0.00	37.22 2.78 0.00	45.05 3.21 0.00	53.36 3.85 0.00	55.45 4.33 0.00	67.55 4.62 0.00	122.13 6.57 0.00	52.27 2.61 0.00	45.15 2.36 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.91 1.91 0.00	33.97 1.33 0.00	29.44 1.11 0.00	37.46 1.30 0.00	38.03 1.31 0.00	39.82 1.60 0.00	55.09 2.19 0.00	84.16 4.11 0.00	39.22 2.24 0.00	28.62 1.54 0.00	39.09 2.26 0.00	41.14 2.43 0.00	38.96 2.54 0.00	38.40 2.62 0.00	37.49 2.54 0.00	36.40 2.49 0.00	37.03 2.58 0.00	44.91 3.07 0.00	52.98 3.47 0.00	54.79 3.66 0.00	66.59 3.66 0.00	120.84 5.27 0.00	51.85 2.19 0.00	44.92 2.12 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.93 1.93 0.00	34.00 1.36 0.00	29.45 1.12 0.00	37.46 1.30 0.00	38.04 1.32 0.00	39.82 1.60 0.00	55.10 2.20 0.00	84.16 4.11 0.00	39.23 2.24 0.00	28.62 1.54 0.00	39.09 2.26 0.00	41.14 2.42 0.00	38.95 2.52 0.00	38.39 2.61 0.00	37.48 2.54 0.00	36.40 2.48 0.00	37.02 2.57 0.00	44.90 3.07 0.00	52.97 3.46 0.00	54.79 3.66 0.00	66.60 3.67 0.00	120.92 5.35 0.00	51.86 2.20 0.00	44.93 2.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.89 1.88 0.00	33.98 1.34 0.00	29.44 1.11 0.00	37.44 1.28 0.00	38.02 1.30 0.00	39.80 1.59 0.00	55.09 2.19 0.00	84.14 4.08 0.00	39.22 2.23 0.00	28.62 1.53 0.00	39.08 2.25 0.00	41.13 2.42 0.00	38.95 2.52 0.00	38.38 2.60 0.00	37.48 2.54 0.00	36.39 2.48 0.00	37.01 2.57 0.00	44.90 3.06 0.00	52.94 3.44 0.00	54.77 3.64 0.00	66.56 3.62 0.00	120.81 5.25 0.00	51.83 2.17 0.00	44.90 2.11 0.00
FARRAGUT___LBMP 323566	47.86 1.86 0.00	33.96 1.31 0.00	29.42 1.08 0.00	37.42 1.26 0.00	38.00 1.27 0.00	39.78 1.56 0.00	55.04 2.14 0.00	84.06 4.00 0.00	39.18 2.19 0.00	28.58 1.50 0.00	39.04 2.20 0.00	41.08 2.37 0.00	38.91 2.49 0.00	38.34 2.56 0.00	37.44 2.49 0.00	36.35 2.44 0.00	36.98 2.53 0.00	44.85 3.01 0.00	52.89 3.38 0.00	54.72 3.59 0.00	66.51 3.58 0.00	120.70 5.14 0.00	51.79 2.13 0.00	44.86 2.07 0.00
FENNER___WINDPWR 24204	46.50 0.50 0.00	32.97 0.33 0.00	28.55 0.22 0.00	36.51 0.34 0.00	37.10 0.38 0.00	38.77 0.55 0.00	53.83 0.93 0.00	81.72 1.66 0.00	37.64 0.65 0.00	27.44 0.35 0.00	37.28 0.44 0.00	39.01 0.30 0.00	36.66 0.24 0.00	35.81 0.03 0.00	34.97 0.03 0.00	33.89 -0.02 0.00	34.54 0.10 0.00	42.07 0.23 0.00	50.93 0.70 -0.73	52.69 1.04 -0.52	64.45 1.52 0.00	117.92 2.35 0.00	50.53 0.88 0.00	43.45 0.66 0.00
FIBERTEK___ENERGY 23856	45.43 -0.57 0.00	32.23 -0.41 0.00	27.98 -0.35 0.00	35.70 -0.46 0.00	36.27 -0.45 0.00	37.87 -0.34 0.00	52.51 -0.39 0.00	79.81 -0.24 0.00	36.86 -0.13 0.00	27.00 -0.08 0.00	36.73 -0.10 0.00	38.45 -0.27 0.00	36.17 -0.25 0.00	35.50 -0.27 0.00	34.64 -0.30 0.00	33.63 -0.28 0.00	34.16 -0.29 0.00	41.40 -0.43 0.00	49.11 -0.40 0.00	50.99 -0.14 0.00	62.74 -0.20 0.00	114.94 -0.63 0.00	49.32 -0.34 0.00	42.46 -0.33 0.00
FITZPATRICK___ 23598	44.36 -1.65 0.00	31.48 -1.17 0.00	27.33 -1.00 0.00	34.86 -1.30 0.00	35.41 -1.30 0.00	36.93 -1.28 0.00	51.16 -1.74 0.00	77.67 -2.39 0.00	35.91 -1.08 0.00	26.32 -0.77 0.00	35.77 -1.07 0.00	37.50 -1.21 0.00	35.28 -1.14 0.00	34.65 -1.13 0.00	33.83 -1.12 0.00	32.83 -1.08 0.00	33.35 -1.10 0.00	40.42 -1.42 0.00	47.88 -1.63 0.00	49.59 -1.53 0.00	61.01 -1.93 0.00	111.84 -3.73 0.00	48.05 -1.61 0.00	41.39 -1.41 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.11 2.11 0.00	34.14 1.50 0.00	29.60 1.27 0.00	37.68 1.52 0.00	38.26 1.54 0.00	40.01 1.80 0.00	55.40 2.50 0.00	84.36 4.31 0.00	39.15 2.16 0.00	28.52 1.44 0.00	38.93 2.09 0.00	41.00 2.29 0.00	38.73 2.31 0.00	38.11 2.33 0.00	37.19 2.24 0.00	36.17 2.26 0.00	36.82 2.38 0.00	44.81 2.97 0.00	53.04 3.53 0.00	54.98 3.86 0.00	67.04 4.10 0.00	121.94 6.37 0.00	52.23 2.57 0.00	45.12 2.32 0.00
FORT ORANGE___ 23900	46.80 0.79 0.00	33.41 0.76 0.00	29.01 0.67 0.00	36.96 0.80 0.00	37.46 0.74 0.00	39.04 0.82 0.00	53.93 1.03 0.00	81.45 1.40 0.00	37.75 0.76 0.00	27.56 0.47 0.00	37.35 0.51 0.00	39.32 0.61 0.00	37.10 0.68 0.00	36.51 0.73 0.00	35.74 0.79 0.00	34.70 0.79 0.00	35.15 0.71 0.00	42.68 0.84 0.00	50.54 1.03 0.00	52.38 1.25 0.00	64.23 1.30 0.00	117.70 2.14 0.00	50.62 0.97 0.00	43.67 0.88 0.00
FORT_DRUM_COGEN 23780	43.94 -2.06 0.00	30.99 -1.65 0.00	26.62 -1.72 0.00	34.59 -1.57 0.00	35.69 -1.03 0.00	37.43 -0.79 0.00	52.39 -0.51 0.00	79.64 -0.41 0.00	36.16 -0.83 0.00	25.88 -1.21 0.00	34.48 -2.35 0.00	35.44 -3.28 0.00	32.75 -3.67 0.00	31.67 -4.11 0.00	31.34 -3.61 0.00	30.16 -3.75 0.00	30.91 -3.53 0.00	38.07 -3.76 0.00	39.36 -4.73 5.42	43.62 -3.61 3.90	60.33 -2.61 0.00	109.14 -6.43 0.00	46.53 -3.13 0.00	39.61 -3.19 0.00
FOX_HILLS___ESR 323835	48.28 2.28 0.00	34.29 1.65 0.00	29.70 1.36 0.00	37.79 1.63 0.00	38.37 1.65 0.00	40.17 1.95 0.00	55.63 2.73 0.00	84.95 4.89 0.00	39.65 2.65 -0.01	28.83 1.74 0.00	39.25 2.42 0.00	41.23 2.52 0.00	39.01 2.59 0.00	38.48 2.70 0.00	37.61 2.66 0.00	36.51 2.60 0.00	37.16 2.71 0.00	44.97 3.12 0.00	52.63 3.27 0.14	54.56 3.44 0.00	66.27 3.33 0.00	120.08 4.51 0.00	51.84 2.18 0.00	44.94 2.14 0.00
FPL_FAR_ROCK_GT1 24212	49.09 3.09 0.00	35.13 2.49 0.00	30.48 2.14 0.00	38.71 2.55 0.00	39.27 2.55 0.00	40.68 2.47 0.00	55.47 2.57 0.00	84.54 4.49 0.00	39.64 2.65 0.00	29.07 1.99 0.00	52.02 3.18 -12.00	43.22 3.32 -1.19	39.71 3.29 0.00	39.01 3.23 0.00	38.08 3.13 0.00	36.96 3.05 0.00	37.23 2.78 0.00	45.04 3.19 0.00	53.35 3.85 0.00	55.45 4.32 0.00	67.56 4.62 0.00	122.13 6.56 0.00	52.27 2.61 0.00	45.13 2.34 0.00
FPL_FAR_ROCK_GT2 23815	49.09 3.09 0.00	35.13 2.49 0.00	30.48 2.14 0.00	38.71 2.55 0.00	39.27 2.55 0.00	40.68 2.47 0.00	55.47 2.57 0.00	84.54 4.49 0.00	39.64 2.65 0.00	29.07 1.99 0.00	52.02 3.18 -12.00	43.22 3.32 -1.19	39.71 3.29 0.00	39.01 3.23 0.00	38.08 3.13 0.00	36.96 3.05 0.00	37.23 2.78 0.00	45.04 3.19 0.00	53.35 3.85 0.00	55.45 4.32 0.00	67.56 4.62 0.00	122.13 6.56 0.00	52.27 2.61 0.00	45.13 2.34 0.00
FRANKLIN_FALL_HYD 24054	45.85 -0.15 0.00	32.36 -0.28 0.00	28.12 -0.21 0.00	36.08 -0.07 0.00	36.74 0.02 0.00	38.23 0.01 0.00	53.01 0.11 0.00	79.66 -0.40 0.00	36.64 -0.35 0.00	26.84 -0.25 0.00	36.49 -0.34 0.00	38.33 -0.38 0.00	35.89 -0.53 0.00	35.17 -0.61 0.00	34.23 -0.72 0.00	33.11 -0.80 0.00	33.60 -0.84 0.00	41.05 -0.79 0.00	47.50 -0.87 1.13	49.79 -0.52 0.81	62.82 -0.11 0.00	115.64 0.07 0.00	49.73 0.07 0.00	42.86 0.06 0.00

FREEPORT_EQUS_GT1 23764	47.83 1.83 0.00	34.29 1.65 0.00	29.75 1.41 0.00	37.77 1.61 0.00	38.28 1.55 0.00	39.86 1.64 0.00	53.79 1.78 0.89	74.69 3.33 8.69	39.13 2.15 0.00	28.73 1.64 0.00	48.26 2.58 -8.84	42.41 2.82 -0.88	39.21 2.79 0.00	38.51 2.73 0.00	37.60 2.66 0.00	36.49 2.58 0.00	36.68 2.24 0.00	42.79 2.57 1.61	51.32 3.06 1.24	54.67 3.55 0.00	66.53 3.60 0.00	117.93 4.82 2.45	40.91 1.84 10.59	36.69 1.70 7.80
FREEPORT___CT2 23818	47.83 1.83 0.00	34.29 1.65 0.00	29.75 1.41 0.00	37.77 1.61 0.00	38.28 1.55 0.00	39.86 1.64 0.00	53.79 1.78 0.89	74.69 3.33 8.69	39.13 2.15 0.00	28.73 1.64 0.00	48.26 2.58 -8.84	42.41 2.82 -0.88	39.21 2.79 0.00	38.51 2.73 0.00	37.60 2.66 0.00	36.49 2.58 0.00	36.68 2.24 0.00	42.79 2.57 1.61	51.32 3.06 1.24	54.67 3.55 0.00	66.53 3.60 0.00	117.93 4.82 2.45	40.91 1.84 10.59	36.69 1.70 7.80
FRESHKLS_33_KV_LOAD 356253	48.55 2.55 0.00	34.52 1.87 0.00	29.89 1.56 0.00	38.04 1.89 0.00	38.63 1.91 0.00	40.45 2.23 0.00	56.04 3.14 0.00	85.44 5.39 0.00	39.88 2.88 -0.01	28.94 1.85 0.00	39.33 2.49 0.00	41.24 2.52 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.60 2.65 0.00	36.50 2.58 0.00	37.16 2.71 0.00	44.93 3.09 0.14	52.57 3.21 0.00	54.55 3.43 0.00	66.28 3.34 0.00	120.03 4.46 0.00	51.87 2.21 0.00	44.93 2.14 0.00
FULTON COGEN____ 23766	44.40 -1.61 0.00	31.50 -1.14 0.00	27.34 -1.00 0.00	34.89 -1.27 0.00	35.45 -1.27 0.00	37.00 -1.21 0.00	51.29 -1.61 0.00	77.96 -2.10 0.00	36.05 -0.94 0.00	26.40 -0.68 0.00	35.84 -0.99 0.00	37.51 -1.20 0.00	35.26 -1.16 0.00	34.66 -1.12 0.00	33.79 -1.15 0.00	32.81 -1.10 0.00	33.32 -1.13 0.00	40.42 -1.42 0.00	47.70 -1.58 0.22	49.59 -1.37 0.16	61.28 -1.65 0.00	112.20 -3.37 0.00	48.17 -1.49 0.00	41.46 -1.33 0.00
FULTON___LFGE 323630	48.23 2.23 0.00	34.12 1.48 0.00	29.59 1.26 0.00	37.73 1.57 0.00	38.35 1.63 0.00	40.03 1.82 0.00	55.81 2.91 0.00	84.09 4.04 0.00	38.02 1.03 0.00	27.73 0.64 0.00	37.59 0.75 0.00	39.49 0.77 0.00	36.84 0.42 0.00	36.27 0.50 0.00	35.48 0.54 0.00	34.52 0.61 0.00	35.18 0.73 0.00	42.99 1.15 0.00	51.64 2.13 0.00	54.08 2.95 0.00	66.61 3.67 0.00	122.40 6.84 0.00	52.48 2.82 0.00	45.09 2.30 0.00
G.F.CEMENT___DRP 24184	48.71 2.70 0.00	34.62 1.98 0.00	30.08 1.75 0.00	38.21 2.06 0.00	38.61 1.89 0.00	40.08 1.86 0.00	54.97 2.07 0.00	82.29 2.23 0.00	37.98 0.99 0.00	27.66 0.58 0.00	37.50 0.67 0.00	39.59 0.88 0.00	37.30 0.88 0.00	36.69 0.92 0.00	35.95 1.01 0.00	34.86 0.95 0.00	35.37 0.93 0.00	43.42 1.58 0.00	51.73 2.23 0.00	53.65 2.53 0.00	65.84 2.90 0.00	121.23 5.67 0.00	52.02 2.36 0.00	44.73 1.94 0.00
GARDENVILLE___LBMP 24039	43.64 -2.37 0.00	30.61 -2.03 0.00	26.49 -1.85 0.00	33.95 -2.21 0.00	34.47 -2.25 0.00	36.25 -1.96 0.00	49.80 -3.10 0.00	77.51 -2.55 0.00	35.92 -1.07 0.00	26.68 -0.41 0.00	36.86 0.02 0.00	38.27 -0.44 0.00	35.91 -0.51 0.00	35.21 -0.57 0.00	34.44 -0.50 0.00	33.46 -0.45 0.00	33.79 -0.65 0.00	39.73 -2.11 0.00	47.15 -2.36 0.00	49.78 -1.35 0.00	61.48 -1.45 0.00	112.63 -2.94 0.00	48.56 -1.10 0.00	41.79 -1.00 0.00
GARDNVLA_35_KV_LD 355827	43.76 -2.24 0.00	30.69 -1.95 0.00	26.55 -1.79 0.00	34.02 -2.14 0.00	34.55 -2.17 0.00	36.35 -1.86 0.00	49.96 -2.94 0.00	77.78 -2.28 0.00	36.06 -0.93 0.00	26.80 -0.28 0.00	37.03 0.19 0.00	38.44 -0.28 0.00	36.07 -0.35 0.00	35.35 -0.43 0.00	34.59 -0.35 0.00	33.60 -0.32 0.00	33.93 -0.51 0.00	39.89 -1.95 0.00	47.32 -2.19 0.00	49.97 -1.16 0.00	61.69 -1.24 0.00	113.06 -2.51 0.00	48.76 -0.90 0.00	41.94 -0.85 0.00
GELCKHM___115KV_LOAD 80723	45.22 -0.79 0.00	32.04 -0.60 0.00	27.81 -0.52 0.00	35.48 -0.68 0.00	36.05 -0.67 0.00	37.63 -0.59 0.00	52.14 -0.76 0.00	79.25 -0.80 0.00	36.63 -0.36 0.00	26.84 -0.24 0.00	36.50 -0.33 0.00	38.23 -0.48 0.00	35.98 -0.44 0.00	35.31 -0.46 0.00	34.47 -0.48 0.00	33.46 -0.45 0.00	33.98 -0.46 0.00	41.17 -0.67 0.00	48.81 -0.70 0.00	50.63 -0.50 0.00	62.25 -0.69 0.00	114.12 -1.44 0.00	48.99 -0.67 0.00	42.18 -0.61 0.00
GENERAL___MILLS 23808	43.70 -2.31 0.00	30.65 -1.99 0.00	26.52 -1.82 0.00	33.99 -2.17 0.00	34.51 -2.21 0.00	36.30 -1.91 0.00	49.89 -3.01 0.00	77.64 -2.41 0.00	35.99 -1.00 0.00	26.74 -0.34 0.00	36.95 0.12 0.00	38.36 -0.36 0.00	35.99 -0.43 0.00	35.28 -0.49 0.00	34.52 -0.43 0.00	33.53 -0.38 0.00	33.87 -0.58 0.00	39.81 -2.03 0.00	47.24 -2.27 0.00	49.88 -1.25 0.00	61.58 -1.36 0.00	112.85 -2.72 0.00	48.66 -0.99 0.00	41.87 -0.92 0.00
GE_PLASTICS___DRP 24183	46.72 0.71 0.00	33.32 0.68 0.00	28.95 0.61 0.00	36.88 0.72 0.00	37.40 0.67 0.00	38.92 0.71 0.00	53.76 0.86 0.00	81.29 1.24 0.00	37.70 0.71 0.00	27.55 0.46 0.00	37.38 0.55 0.00	39.38 0.67 0.00	37.16 0.74 0.00	36.56 0.78 0.00	35.76 0.82 0.00	34.65 0.74 0.00	35.06 0.61 0.00	42.48 0.64 0.00	50.18 0.67 0.00	51.89 0.77 0.00	63.59 0.65 0.00	116.61 1.04 0.00	50.13 0.48 0.00	43.27 0.47 0.00
GILBOA___1 23756	46.97 0.96 0.00	33.49 0.85 0.00	29.16 0.82 0.00	37.16 1.00 0.00	37.68 0.96 0.00	39.04 0.83 0.00	53.99 1.08 0.00	81.84 1.79 0.00	37.94 0.95 0.00	27.71 0.63 0.00	37.70 0.87 0.00	39.69 0.97 0.00	37.43 1.01 0.00	36.81 1.04 0.00	35.98 1.04 0.00	34.93 1.02 0.00	35.50 1.05 0.00	43.14 1.30 0.00	50.84 1.34 0.00	52.62 1.50 0.00	64.42 1.49 0.00	118.27 2.70 0.00	50.81 1.15 0.00	43.86 1.06 0.00
GILBOA___2 23757	46.97 0.96 0.00	33.49 0.85 0.00	29.16 0.82 0.00	37.16 1.00 0.00	37.68 0.96 0.00	39.04 0.83 0.00	53.99 1.08 0.00	81.84 1.79 0.00	37.94 0.95 0.00	27.71 0.63 0.00	37.70 0.87 0.00	39.69 0.97 0.00	37.43 1.01 0.00	36.81 1.04 0.00	35.98 1.04 0.00	34.93 1.02 0.00	35.50 1.05 0.00	43.14 1.30 0.00	50.84 1.34 0.00	52.62 1.50 0.00	64.42 1.49 0.00	118.27 2.70 0.00	50.81 1.15 0.00	43.86 1.06 0.00
GILBOA___3 23758	46.97 0.96 0.00	33.49 0.85 0.00	29.16 0.82 0.00	37.16 1.00 0.00	37.68 0.96 0.00	39.04 0.83 0.00	53.99 1.08 0.00	81.84 1.79 0.00	37.94 0.95 0.00	27.71 0.63 0.00	37.70 0.87 0.00	39.69 0.97 0.00	37.43 1.01 0.00	36.81 1.04 0.00	35.98 1.04 0.00	34.93 1.02 0.00	35.50 1.05 0.00	43.14 1.30 0.00	50.84 1.34 0.00	52.62 1.50 0.00	64.42 1.49 0.00	118.27 2.70 0.00	50.81 1.15 0.00	43.86 1.06 0.00
GILBOA___4 23759	46.97 0.96 0.00	33.49 0.85 0.00	29.16 0.82 0.00	37.16 1.00 0.00	37.68 0.96 0.00	39.04 0.83 0.00	53.99 1.08 0.00	81.84 1.79 0.00	37.94 0.95 0.00	27.71 0.63 0.00	37.70 0.87 0.00	39.69 0.97 0.00	37.43 1.01 0.00	36.81 1.04 0.00	35.98 1.04 0.00	34.93 1.02 0.00	35.50 1.05 0.00	43.14 1.30 0.00	50.84 1.34 0.00	52.62 1.50 0.00	64.42 1.49 0.00	118.27 2.70 0.00	50.81 1.15 0.00	43.86 1.06 0.00

GILBOA____ 23599	46.96 0.96 0.00	33.49 0.85 0.00	29.16 0.82 0.00	37.16 1.00 0.00	37.68 0.96 0.00	39.04 0.82 0.00	53.98 1.08 0.00	81.84 1.79 0.00	37.94 0.95 0.00	27.71 0.63 0.00	37.70 0.87 0.00	39.68 0.97 0.00	37.44 1.02 0.00	36.81 1.04 0.00	35.98 1.04 0.00	34.93 1.02 0.00	35.50 1.05 0.00	43.13 1.29 0.00	50.84 1.34 0.00	52.62 1.50 0.00	64.42 1.49 0.00	118.20 2.63 0.00	50.81 1.15 0.00	43.86 1.06 0.00
GINNA____ 23603	45.63 -0.37 0.00	32.21 -0.43 0.00	27.92 -0.41 0.00	35.69 -0.47 0.00	36.31 -0.41 0.00	38.07 -0.15 0.00	52.78 -0.12 0.00	80.96 0.90 0.00	37.44 0.45 0.00	27.56 0.48 0.00	37.68 0.84 0.00	39.29 0.57 0.00	36.85 0.43 0.00	36.15 0.37 0.00	35.26 0.31 0.00	34.20 0.29 0.00	34.68 0.23 0.00	41.65 -0.19 0.00	49.48 -0.03 0.00	51.45 0.33 0.00	63.39 0.45 0.00	116.00 0.44 0.00	49.89 0.23 0.00	42.86 0.07 0.00
GLEN PARK____ 23778	43.99 -2.02 0.00	31.04 -1.60 0.00	26.66 -1.68 0.00	34.64 -1.52 0.00	35.76 -0.96 0.00	37.51 -0.71 0.00	52.51 -0.40 0.00	79.86 -0.19 0.00	36.21 -0.78 0.00	25.86 -1.23 0.00	34.43 -2.41 0.00	35.33 -3.39 0.00	32.65 -3.77 0.00	31.56 -4.22 0.00	31.24 -3.70 0.00	30.02 -3.89 0.00	30.78 -3.67 0.00	37.91 -3.93 0.00	39.37 -4.87 5.27	43.80 -3.53 3.79	60.55 -2.38 0.00	109.37 -6.19 0.00	46.65 -3.01 0.00	39.70 -3.10 0.00
GLENDALE_27_KV_LOAD 356172	48.10 2.09 0.00	34.13 1.49 0.00	29.56 1.22 0.00	37.60 1.44 0.00	38.18 1.46 0.00	40.00 1.78 0.00	55.37 2.47 0.00	84.70 4.65 0.00	39.49 2.50 -0.01	28.82 1.73 0.00	39.38 2.54 0.00	41.41 2.70 0.00	39.22 2.80 0.00	38.67 2.89 0.00	37.75 2.81 0.00	36.64 2.73 0.00	37.29 2.85 0.00	45.20 3.36 0.00	53.21 3.70 0.00	55.00 3.87 0.00	66.78 3.85 0.00	121.17 5.61 0.00	52.09 2.43 0.00	45.14 2.34 0.00
GLENWOOD_IC_1_G5 23712	47.93 1.93 0.00	34.21 1.57 0.00	29.67 1.33 0.00	37.70 1.54 0.00	38.24 1.52 0.00	39.90 1.68 0.00	54.52 2.07 0.45	78.76 3.80 5.10	39.20 2.21 0.00	28.71 1.63 0.00	50.06 2.51 -10.71	42.47 2.70 -1.06	39.16 2.73 0.00	38.49 2.71 0.00	37.58 2.63 0.00	36.48 2.56 0.00	36.86 2.41 0.00	43.85 2.84 0.83	52.18 3.31 0.64	54.81 3.68 0.00	66.69 3.75 0.00	119.53 5.22 1.25	46.23 2.08 5.51	40.67 1.96 4.09
GLENWOOD_IC_2_G1 23688	47.79 1.78 0.00	34.05 1.41 0.00	29.52 1.19 0.00	37.52 1.36 0.00	38.08 1.35 0.00	39.76 1.55 0.00	54.84 1.93 0.00	83.63 3.57 0.00	39.04 2.06 0.00	28.56 1.48 -0.49	39.57 2.24 -0.05	41.21 2.44 0.00	38.92 2.50 0.00	38.28 2.51 0.00	37.38 2.44 0.00	36.29 2.38 0.00	36.75 2.30 0.00	44.57 2.73 0.00	52.68 3.17 0.00	54.60 3.48 0.00	66.43 3.49 0.00	120.50 4.93 0.00	51.63 1.97 0.00	44.67 1.88 0.00
GLENWOOD_IC_3_G1 23689	47.79 1.78 0.00	34.05 1.41 0.00	29.52 1.19 0.00	37.52 1.36 0.00	38.08 1.35 0.00	39.76 1.55 0.00	54.84 1.93 0.00	83.63 3.57 0.00	39.04 2.06 0.00	28.56 1.48 -0.49	39.57 2.24 -0.05	41.21 2.44 0.00	38.92 2.50 0.00	38.28 2.51 0.00	37.38 2.44 0.00	36.29 2.38 0.00	36.75 2.30 0.00	44.57 2.73 0.00	52.68 3.17 0.00	54.60 3.48 0.00	66.43 3.49 0.00	120.50 4.93 0.00	51.63 1.97 0.00	44.67 1.88 0.00
GLENWOOD___4 23550	47.93 1.93 0.00	34.21 1.57 0.00	29.67 1.33 0.00	37.70 1.54 0.00	38.24 1.52 0.00	39.90 1.68 0.00	54.52 2.07 0.45	78.76 3.80 5.10	39.20 2.21 0.00	28.71 1.63 0.00	50.06 2.51 -10.71	42.47 2.70 -1.06	39.16 2.73 0.00	38.49 2.71 0.00	37.58 2.63 0.00	36.48 2.56 0.00	36.86 2.41 0.00	43.85 2.84 0.83	52.18 3.31 0.64	54.81 3.68 0.00	66.69 3.75 0.00	119.53 5.22 1.25	46.23 2.08 5.51	40.67 1.96 4.09
GLENWOOD___5 23614	47.93 1.93 0.00	34.21 1.57 0.00	29.67 1.33 0.00	37.70 1.54 0.00	38.24 1.52 0.00	39.90 1.68 0.00	54.52 2.07 0.45	78.76 3.80 5.10	39.20 2.21 0.00	28.71 1.63 0.00	50.06 2.51 -10.71	42.47 2.70 -1.06	39.16 2.73 0.00	38.49 2.71 0.00	37.58 2.63 0.00	36.48 2.56 0.00	36.86 2.41 0.00	43.85 2.84 0.83	52.18 3.31 0.64	54.81 3.68 0.00	66.69 3.75 0.00	119.53 5.22 1.25	46.23 2.08 5.51	40.67 1.96 4.09
GLOBAL GREEN_PORT_GT1 23814	47.28 1.28 0.00	33.64 0.99 0.00	29.34 1.00 0.00	37.47 1.31 0.00	38.03 1.31 0.00	39.84 1.62 0.00	56.85 1.43 -2.52	71.37 3.22 11.90	40.86 2.13 -1.74	28.98 1.90 0.00	46.66 3.15 -6.68	43.11 3.73 -0.66	39.82 3.40 0.00	38.24 2.46 0.00	36.98 2.04 0.00	36.34 2.43 0.00	36.64 2.20 0.00	44.67 2.60 -0.23	54.42 2.91 -2.01	60.05 4.07 -4.85	74.39 4.39 -7.06	125.05 5.96 -3.52	35.75 1.52 15.42	31.37 0.62 12.04
GLOBE___DSASP 323697	42.47 -3.53 0.00	29.75 -2.89 0.00	25.75 -2.59 0.00	33.00 -3.16 0.00	33.56 -3.16 0.00	35.27 -2.95 0.00	48.35 -4.55 0.00	75.24 -4.81 0.00	34.90 -2.09 0.00	26.00 -1.09 0.00	35.94 -0.90 0.00	37.41 -1.30 0.00	35.10 -1.32 0.00	34.42 -1.35 0.00	33.64 -1.30 0.00	32.66 -1.25 0.00	32.91 -1.54 0.00	38.53 -3.31 0.00	45.57 -3.94 0.00	47.80 -3.33 0.00	58.88 -4.06 0.00	108.23 -7.33 0.00	46.91 -2.75 0.00	40.26 -2.53 0.00
GOETHSLN___LBMP 323567	47.71 1.71 0.00	33.83 1.19 0.00	29.30 0.97 0.00	37.27 1.11 0.00	37.85 1.13 0.00	39.62 1.41 0.00	54.84 1.93 0.00	83.80 3.74 0.00	39.04 2.05 0.00	28.47 1.39 0.00	38.87 2.04 0.00	40.91 2.19 0.00	38.76 2.34 0.00	38.21 2.43 0.00	37.32 2.37 0.00	36.23 2.32 0.00	36.87 2.43 0.00	44.71 2.87 0.00	52.55 3.19 0.14	52.57 3.36 1.91	63.08 3.28 3.14	116.50 4.57 3.63	51.58 1.92 0.00	44.76 1.97 0.00
GOLAH___69_KV_TB 1_2 80279	45.57 -0.43 0.00	32.10 -0.54 0.00	27.82 -0.51 0.00	35.58 -0.58 0.00	36.20 -0.52 0.00	38.03 -0.19 0.00	52.72 -0.18 0.00	81.20 1.15 0.00	37.55 0.56 0.00	27.61 0.52 0.00	37.80 0.97 0.00	39.41 0.70 0.00	36.93 0.51 0.00	36.19 0.41 0.00	35.28 0.34 0.00	34.23 0.32 0.00	34.64 0.19 0.00	41.42 -0.41 0.00	49.24 -0.26 0.00	51.48 0.36 0.00	63.52 0.59 0.00	116.34 0.77 0.00	50.06 0.39 0.00	42.98 0.19 0.00
GOODYEAR_LAKE_HYD 323669	47.64 1.63 0.00	33.76 1.12 0.00	29.28 0.94 0.00	37.35 1.19 0.00	38.00 1.28 0.00	39.62 1.40 0.00	55.01 2.11 0.00	83.85 3.79 0.00	38.66 1.67 0.00	28.22 1.14 0.00	38.40 1.57 0.00	40.25 1.54 0.00	37.86 1.44 0.00	37.10 1.32 0.00	36.21 1.27 0.00	35.22 1.31 0.00	35.81 1.37 0.00	43.52 1.69 0.00	51.69 2.18 0.00	53.67 2.55 0.00	65.84 2.91 0.00	120.54 4.98 0.00	51.68 2.02 0.00	44.50 1.71 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	46.27 0.26 0.00	32.82 0.18 0.00	28.49 0.16 0.00	36.36 0.20 0.00	36.90 0.18 0.00	38.51 0.29 0.00	53.34 0.44 0.00	81.31 1.26 0.00	37.58 0.59 0.00	27.47 0.39 0.00	37.40 0.56 0.00	39.15 0.43 0.00	36.84 0.42 0.00	36.19 0.42 0.00	35.35 0.41 0.00	34.37 0.46 0.00	34.94 0.49 0.00	42.31 0.47 0.00	50.22 0.71 0.00	52.20 1.07 0.00	64.17 1.24 0.00	117.37 1.80 0.00	50.33 0.66 0.00	43.41 0.61 0.00

GOWANUS_GT4_5 24134	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.49 0.00	40.02 1.80 0.00	55.40 2.50 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.82 0.00	37.71 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.10 3.26 0.00	52.96 3.46 0.00	54.77 3.65 0.00	66.52 3.58 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
GOWANUS_GT4_6 24135	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.49 0.00	40.02 1.80 0.00	55.40 2.50 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.82 0.00	37.71 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.10 3.26 0.00	52.96 3.46 0.00	54.77 3.65 0.00	66.52 3.58 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
GOWANUS_GT4_7 24136	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.49 0.00	40.02 1.80 0.00	55.40 2.50 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.82 0.00	37.71 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.10 3.26 0.00	52.96 3.46 0.00	54.77 3.65 0.00	66.52 3.58 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
GOWANUS_GT4_8 24137	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.49 0.00	40.02 1.80 0.00	55.40 2.50 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.82 0.00	37.71 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.10 3.26 0.00	52.96 3.46 0.00	54.77 3.65 0.00	66.52 3.58 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
GREATVR_69_KV_BK1 356245	47.93 1.93 0.00	34.40 1.76 0.00	29.88 1.54 0.00	37.91 1.75 0.00	38.40 1.67 0.00	39.99 1.77 0.00	56.35 1.76 -1.68	71.01 3.24 12.29	40.50 2.17 -1.35	28.91 1.83 0.00	46.54 2.81 -6.90	42.67 3.28 -0.68	39.43 3.02 0.00	38.54 2.77 0.00	37.58 2.63 0.00	36.54 2.62 0.00	36.65 2.21 0.00	44.00 2.46 0.30	53.65 2.95 -1.19	58.50 3.62 -3.75	72.04 3.64 -5.46	122.57 5.01 -2.00	36.44 1.91 15.13	32.86 1.77 11.69
GREENBSH_115KV_TB3 55895	46.54 0.53 0.00	33.23 0.59 0.00	28.86 0.53 0.00	36.77 0.61 0.00	37.27 0.55 0.00	38.81 0.60 0.00	53.58 0.68 0.00	80.90 0.84 0.00	37.54 0.55 0.00	27.44 0.36 0.00	37.18 0.35 0.00	39.21 0.50 0.00	37.02 0.60 0.00	36.42 0.64 0.00	35.65 0.71 0.00	34.59 0.68 0.00	35.07 0.62 0.00	42.58 0.74 0.00	50.36 0.85 0.00	52.07 0.95 0.00	63.79 0.86 0.00	117.04 1.48 0.00	50.32 0.66 0.00	43.43 0.64 0.00
GREENDGE_115KV_TB5 80291	45.23 -0.77 0.00	32.04 -0.60 0.00	27.79 -0.55 0.00	35.52 -0.64 0.00	36.05 -0.67 0.00	37.84 -0.38 0.00	52.23 -0.67 4.72	79.62 -0.44 20.55	36.91 -0.08 1.54	27.01 -0.07 0.00	37.06 0.22 -6.84	38.56 -0.15 -0.68	36.18 -0.24 0.00	35.60 -0.18 0.00	34.72 -0.23 0.00	33.85 -0.06 0.00	34.35 -0.10 0.00	41.07 -0.76 0.00	49.09 -0.41 0.00	51.56 0.43 0.00	63.64 0.71 0.00	116.11 0.54 0.00	49.79 0.13 0.00	43.06 0.27 0.00
GREENIDGE__3 23582	45.23 -0.77 0.00	32.04 -0.60 0.00	27.79 -0.55 0.00	35.52 -0.64 0.00	36.05 -0.67 0.00	37.84 -0.38 0.00	52.23 -0.67 4.72	79.62 -0.44 20.55	36.91 -0.08 1.54	27.01 -0.07 0.00	37.06 0.22 -6.84	38.56 -0.15 -0.68	36.18 -0.24 0.00	35.60 -0.18 0.00	34.72 -0.23 0.00	33.85 -0.06 0.00	34.35 -0.10 0.00	41.07 -0.76 0.00	49.09 -0.41 0.00	51.56 0.43 0.00	63.64 0.71 0.00	116.11 0.54 0.00	49.79 0.13 0.00	43.06 0.27 0.00
GREENIDGE__4 23583	45.23 -0.77 0.00	32.04 -0.60 0.00	27.79 -0.55 0.00	35.52 -0.64 0.00	36.05 -0.67 0.00	37.84 -0.38 0.00	52.25 -0.66 0.00	79.63 -0.43 0.00	36.91 -0.08 0.00	27.01 -0.07 0.00	37.06 0.22 0.00	38.55 -0.16 0.00	36.18 -0.24 0.00	35.59 -0.19 0.00	34.72 -0.23 0.00	33.85 -0.06 0.00	34.35 -0.09 0.00	41.07 -0.77 0.00	49.09 -0.42 0.00	51.54 0.42 0.00	63.65 0.71 0.00	116.12 0.55 0.00	49.79 0.13 0.00	43.06 0.27 0.00
GREENLWN_69_KV_BK 3 55738	47.22 1.21 0.00	34.00 1.36 0.00	29.53 1.19 0.00	37.46 1.30 0.00	37.91 1.19 0.00	39.35 1.13 0.00	49.09 0.90 4.72	61.38 1.87 20.55	36.95 1.50 1.54	28.46 1.38 0.00	45.91 2.24 -6.84	41.90 2.51 -0.68	38.96 2.54 0.00	38.13 2.35 0.00	37.23 2.29 0.00	36.14 2.23 0.00	36.12 1.67 0.00	38.96 1.84 4.73	46.43 2.18 5.26	49.48 2.65 4.29	59.16 2.47 6.25	108.15 2.55 9.97	33.65 0.93 16.93	31.58 0.93 12.14
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.49 0.00	40.02 1.80 0.00	55.40 2.50 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.82 0.00	37.71 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.10 3.26 0.00	52.96 3.46 0.00	54.77 3.65 0.00	66.52 3.58 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
GRISSOM__SOLAR 323813	48.17 2.17 0.00	34.12 1.48 0.00	29.60 1.27 0.00	37.73 1.57 0.00	38.35 1.63 0.00	40.02 1.81 0.00	55.67 2.77 0.00	83.67 3.61 0.00	37.75 0.76 0.00	27.52 0.43 0.00	37.31 0.48 0.00	39.27 0.56 0.00	36.63 0.20 0.00	36.09 0.32 0.00	35.36 0.42 0.00	34.42 0.51 0.00	35.07 0.62 0.00	42.96 1.12 0.00	51.63 2.12 0.00	54.04 2.91 0.00	66.54 3.61 0.00	122.21 6.64 0.00	52.40 2.75 0.00	45.03 2.24 0.00
GROVEVILLE__HYD 323602	48.11 2.11 0.00	34.14 1.50 0.00	29.60 1.27 0.00	37.68 1.52 0.00	38.26 1.54 0.00	40.01 1.80 0.00	55.40 2.50 0.00	84.36 4.31 0.00	39.15 2.16 0.00	28.52 1.44 0.00	38.93 2.09 0.00	41.00 2.29 0.00	38.73 2.31 0.00	38.11 2.33 0.00	37.19 2.24 0.00	36.17 2.26 0.00	36.82 2.38 0.00	44.81 2.97 0.00	53.04 3.53 0.00	54.98 3.86 0.00	67.04 4.10 0.00	121.94 6.37 0.00	52.23 2.57 0.00	45.12 2.32 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.43 -0.57 0.00	32.23 -0.41 0.00	27.98 -0.35 0.00	35.70 -0.46 0.00	36.27 -0.45 0.00	37.87 -0.34 0.00	52.51 -0.39 0.00	79.81 -0.24 0.00	36.86 -0.13 0.00	27.00 -0.08 0.00	36.73 -0.10 0.00	38.45 -0.27 0.00	36.17 -0.25 0.00	35.50 -0.27 0.00	34.64 -0.30 0.00	33.63 -0.28 0.00	34.16 -0.29 0.00	41.40 -0.43 0.00	49.11 -0.40 0.00	50.99 -0.14 0.00	62.74 -0.20 0.00	114.94 -0.63 0.00	49.32 -0.34 0.00	42.46 -0.33 0.00
HAMLTNNY_34_KV_TB 80303	45.57 -0.43 0.00	32.32 -0.32 0.00	28.06 -0.27 0.00	35.80 -0.36 0.00	36.38 -0.35 0.00	38.02 -0.20 0.00	52.73 -0.18 0.00	80.26 0.20 0.00	37.08 0.10 0.00	27.13 0.05 0.00	36.98 0.14 0.00	38.65 -0.07 0.00	36.31 -0.11 0.00	35.66 -0.11 0.00	34.75 -0.19 0.00	33.69 -0.22 0.00	34.21 -0.23 0.00	41.43 -0.41 0.00	49.23 -0.28 0.00	51.25 0.12 0.00	63.13 0.19 0.00	115.63 0.06 0.00	49.60 -0.05 0.00	42.69 -0.10 0.00

HAMPSHIRE___PAPER_HYD 323593	44.18 -1.83 0.00	31.18 -1.46 0.00	26.88 -1.45 0.00	34.67 -1.49 0.00	35.58 -1.14 0.00	37.16 -1.05 0.00	51.73 -1.17 0.00	78.19 -1.86 0.00	35.67 -1.32 0.00	25.84 -1.24 0.00	34.82 -2.02 0.00	36.25 -2.46 0.00	33.77 -2.65 0.00	32.88 -2.89 0.00	32.24 -2.70 0.00	31.19 -2.72 0.00	31.83 -2.61 0.00	39.02 -2.82 0.00	41.53 -3.50 4.48	44.82 -3.09 3.22	60.07 -2.86 0.00	109.58 -5.99 0.00	46.89 -2.77 0.00	40.17 -2.62 0.00
HARDSCRABBLE_WT_PWR 323673	46.59 0.59 0.00	33.26 0.62 0.00	28.86 0.52 0.00	36.67 0.51 0.00	36.91 0.19 0.00	38.62 0.41 0.00	53.42 0.52 0.00	80.56 0.50 0.00	36.96 -0.03 0.00	26.82 -0.27 0.00	36.31 -0.52 0.00	38.40 -0.31 0.00	35.86 -0.56 0.00	35.39 -0.39 0.00	34.52 -0.43 0.00	33.42 -0.49 0.00	34.15 -0.30 0.00	41.97 0.13 0.00	50.99 0.93 -0.55	53.20 1.68 -0.40	65.20 2.26 0.00	119.37 3.81 0.00	51.34 1.68 0.00	44.27 1.48 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.94 1.93 0.00	33.97 1.33 0.00	29.44 1.10 0.00	37.45 1.30 0.00	38.04 1.32 0.00	39.80 1.58 0.00	55.12 2.22 0.00	84.04 3.99 0.00	39.06 2.07 0.00	28.46 1.38 0.00	38.85 2.01 0.00	40.86 2.15 0.00	38.65 2.23 0.00	38.08 2.30 0.00	37.17 2.22 0.00	36.10 2.19 0.00	36.79 2.34 0.00	44.70 2.86 0.00	52.88 3.38 0.00	54.82 3.69 0.00	66.76 3.82 0.00	121.36 5.79 0.00	51.94 2.28 0.00	44.91 2.12 0.00
HARSNRAD_115KV_TB1 81005	43.14 -2.87 0.00	30.24 -2.40 0.00	26.17 -2.16 0.00	33.54 -2.62 0.00	34.13 -2.59 0.00	35.86 -2.36 0.00	49.25 -3.65 0.00	76.64 -3.42 0.00	35.53 -1.45 0.00	26.41 -0.67 0.00	36.44 -0.39 0.00	37.91 -0.81 0.00	35.53 -0.89 0.00	34.82 -0.96 0.00	34.00 -0.94 0.00	33.00 -0.91 0.00	33.28 -1.17 0.00	39.07 -2.77 0.00	46.32 -3.18 0.00	48.95 -2.18 0.00	60.41 -2.53 0.00	110.91 -4.65 0.00	47.97 -1.69 0.00	41.17 -1.62 0.00
HARZA MOOSE___RIVER 24016	45.60 -0.41 0.00	32.24 -0.40 0.00	27.74 -0.59 0.00	35.79 -0.37 0.00	36.80 0.08 0.00	38.48 0.26 0.00	53.60 0.70 0.00	81.32 1.27 0.00	37.19 0.20 0.00	26.92 -0.16 0.00	36.25 -0.58 0.00	37.62 -1.09 0.00	35.13 -1.29 0.00	34.16 -1.62 0.00	33.56 -1.39 0.00	32.51 -1.40 0.00	33.25 -1.20 0.00	40.77 -1.07 0.00	48.34 -1.16 0.00	50.45 -0.68 0.00	62.88 -0.05 0.00	114.50 -1.07 0.00	48.84 -0.82 0.00	41.79 -1.00 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.23 -0.77 0.00	32.09 -0.55 0.00	27.85 -0.48 0.00	35.52 -0.64 0.00	36.10 -0.63 0.00	37.68 -0.54 0.00	52.22 -0.68 0.00	79.38 -0.68 0.00	36.70 -0.29 0.00	26.90 -0.18 0.00	36.59 -0.25 0.00	38.33 -0.38 0.00	36.07 -0.35 0.00	35.41 -0.37 0.00	34.57 -0.38 0.00	33.54 -0.37 0.00	34.07 -0.37 0.00	41.26 -0.58 0.00	48.87 -0.63 0.00	50.68 -0.45 0.00	62.35 -0.58 0.00	114.24 -1.33 0.00	49.03 -0.63 0.00	42.22 -0.58 0.00
HELLGATE_13_KV_LD 55870	48.11 2.11 0.00	34.15 1.51 0.00	29.56 1.23 0.00	37.61 1.45 0.00	38.20 1.48 0.00	40.01 1.79 0.00	55.41 2.51 0.00	84.77 4.71 0.00	39.53 2.54 -0.01	28.84 1.76 0.00	39.41 2.57 0.00	41.45 2.74 0.00	39.26 2.84 0.00	38.71 2.93 0.00	37.79 2.84 0.00	36.68 2.76 0.00	37.31 2.86 0.00	45.23 3.39 0.00	53.24 3.73 0.00	55.05 3.93 0.00	66.84 3.90 0.00	121.28 5.72 0.00	52.14 2.48 0.00	45.16 2.37 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.11 2.11 0.00	34.15 1.51 0.00	29.56 1.23 0.00	37.61 1.45 0.00	38.20 1.48 0.00	40.01 1.79 0.00	55.41 2.51 0.00	84.77 4.71 0.00	39.53 2.54 -0.01	28.84 1.76 0.00	39.41 2.57 0.00	41.45 2.74 0.00	39.26 2.84 0.00	38.71 2.93 0.00	37.79 2.84 0.00	36.68 2.76 0.00	37.31 2.86 0.00	45.23 3.39 0.00	53.24 3.73 0.00	55.05 3.93 0.00	66.84 3.90 0.00	121.28 5.72 0.00	52.14 2.48 0.00	45.16 2.37 0.00
HEMPSTEAD___ 23647	47.80 1.79 0.00	34.23 1.59 0.00	29.69 1.35 0.00	37.71 1.55 0.00	38.21 1.49 0.00	39.82 1.60 0.00	53.96 1.77 0.71	75.62 3.36 7.80	39.09 2.10 0.00	28.69 1.60 0.00	48.92 2.51 -9.58	42.40 2.74 -0.95	39.17 2.74 0.00	38.45 2.67 0.00	37.55 2.61 0.00	36.44 2.53 0.00	36.70 2.26 0.00	43.14 2.60 1.29	51.58 3.07 1.00	54.63 3.50 0.00	66.45 3.51 0.00	118.29 4.68 1.96	42.90 1.83 8.59	38.13 1.70 6.36
HICKLING___1 23621	44.61 -1.39 0.00	31.58 -1.06 0.00	27.39 -0.94 0.00	35.05 -1.11 0.00	35.47 -1.26 0.00	37.26 -0.96 0.00	51.48 -1.42 0.00	79.02 -1.04 0.00	36.59 -0.40 0.00	26.83 -0.25 0.00	36.85 0.01 0.00	38.07 -0.64 0.00	35.77 -0.65 0.00	35.32 -0.45 0.00	34.59 -0.36 0.00	33.77 -0.14 0.00	34.32 -0.12 0.00	40.82 -1.01 0.00	48.81 -0.70 0.00	51.26 0.13 0.00	63.43 0.49 0.00	115.59 0.02 0.00	49.30 -0.35 0.00	42.75 -0.04 0.00
HICKLING___2 23622	44.61 -1.39 0.00	31.58 -1.06 0.00	27.39 -0.94 0.00	35.05 -1.11 0.00	35.47 -1.26 0.00	37.26 -0.96 0.00	51.48 -1.42 0.00	79.02 -1.04 0.00	36.59 -0.40 0.00	26.83 -0.25 0.00	36.85 0.01 0.00	38.07 -0.64 0.00	35.77 -0.65 0.00	35.32 -0.45 0.00	34.59 -0.36 0.00	33.77 -0.14 0.00	34.32 -0.12 0.00	40.82 -1.01 0.00	48.81 -0.70 0.00	51.26 0.13 0.00	63.43 0.49 0.00	115.59 0.02 0.00	49.30 -0.35 0.00	42.75 -0.04 0.00
HIGH FALLS___HY 23754	48.28 2.28 0.00	34.22 1.58 0.00	29.66 1.32 0.00	37.74 1.59 0.00	38.36 1.63 0.00	40.15 1.93 0.00	55.67 2.77 0.00	84.96 4.90 0.00	39.35 2.36 0.00	28.54 1.46 0.00	39.12 2.29 0.00	41.11 2.40 0.00	38.80 2.38 0.00	38.01 2.23 0.00	37.08 2.14 0.00	36.10 2.19 0.00	36.95 2.50 0.00	44.89 3.05 0.00	53.34 3.83 0.00	55.39 4.26 0.00	67.58 4.64 0.00	122.85 7.28 0.00	52.54 2.89 0.00	45.37 2.58 0.00
HIGH_RIVER___SOLAR 323847	47.55 1.54 0.00	33.75 1.11 0.00	29.30 0.96 0.00	37.34 1.18 0.00	37.91 1.19 0.00	39.50 1.28 0.00	54.77 1.87 0.00	83.27 3.21 0.00	37.74 0.75 0.00	27.52 0.43 0.00	37.38 0.54 0.00	39.33 0.62 0.00	36.93 0.50 0.00	36.31 0.53 0.00	35.44 0.50 0.00	34.49 0.58 0.00	35.07 0.62 0.00	42.78 0.94 0.00	51.30 1.79 0.00	53.65 2.53 0.00	66.01 3.08 0.00	121.20 5.63 0.00	51.99 2.33 0.00	44.71 1.92 0.00
HILLBURN___GT 23639	47.75 1.74 0.00	33.84 1.20 0.00	29.31 0.97 0.00	37.27 1.12 0.00	37.86 1.14 0.00	39.61 1.40 0.00	54.86 1.95 0.00	83.70 3.64 0.00	38.94 1.95 0.00	28.38 1.29 0.00	38.73 1.89 0.00	40.73 2.02 0.00	38.57 2.15 0.00	38.01 2.23 0.00	37.12 2.18 0.00	36.06 2.15 0.00	36.71 2.27 0.00	44.58 2.74 0.00	52.71 3.20 0.00	54.61 3.49 0.00	66.43 3.50 0.00	120.66 5.10 0.00	51.65 1.99 0.00	44.71 1.91 0.00
HILLSIDE_115KV_TB1 80332	44.08 -1.92 0.00	31.26 -1.39 0.00	27.12 -1.21 0.00	34.73 -1.43 0.00	35.09 -1.63 0.00	36.85 -1.36 0.00	50.88 -2.02 0.00	78.03 -2.03 0.00	36.17 -0.82 0.00	26.49 -0.60 0.00	36.36 -0.48 0.00	37.58 -1.14 0.00	35.36 -1.06 0.00	34.97 -0.81 0.00	34.24 -0.71 0.00	33.43 -0.48 0.00	33.95 -0.50 0.00	40.42 -1.42 0.00	48.26 -1.25 0.00	50.48 -0.64 0.00	62.50 -0.44 0.00	113.84 -1.73 0.00	48.50 -1.16 0.00	42.13 -0.66 0.00

HISHELDN_WT_PWR 323625	43.56 -2.45 0.00	30.62 -2.02 0.00	26.46 -1.88 0.00	33.90 -2.26 0.00	34.42 -2.31 0.00	36.11 -2.10 0.00	49.71 -3.19 0.00	77.21 -2.85 0.00	35.72 -1.27 0.00	26.44 -0.64 0.00	36.49 -0.35 0.00	37.82 -0.90 0.00	35.47 -0.95 0.00	34.77 -1.01 0.00	34.02 -0.93 0.00	33.10 -0.81 0.00	33.51 -0.93 0.00	39.51 -2.33 0.00	47.05 -2.46 0.00	49.78 -1.35 0.00	61.59 -1.35 0.00	112.88 -2.68 0.00	48.58 -1.08 0.00	41.83 -0.96 0.00
HOLTSVILLE_IC_1 23690	47.30 1.30 0.00	33.95 1.31 0.00	29.50 1.17 0.00	37.41 1.26 0.00	37.89 1.16 0.00	39.46 1.24 0.00	56.46 0.84 -2.71	70.18 1.82 11.70	40.36 1.54 -1.83	28.51 1.42 0.00	45.81 2.31 -6.67	42.11 2.74 -0.66	38.95 2.53 0.00	38.02 2.24 0.00	37.06 2.12 0.00	36.08 2.17 0.00	36.13 1.69 0.00	44.02 1.82 -0.36	53.78 2.07 -2.21	58.89 2.67 -5.10	72.89 2.53 -7.42	122.54 3.09 -3.88	35.32 1.07 15.41	31.81 1.07 12.06
HOLTSVILLE_IC_10 23699	47.50 1.49 0.00	34.07 1.43 0.00	29.61 1.27 0.00	37.54 1.38 0.00	38.02 1.30 0.00	39.61 1.39 0.00	55.94 1.06 -1.98	69.74 2.13 12.45	40.16 1.68 -1.49	28.62 1.54 0.00	46.03 2.47 -6.72	42.31 2.93 -0.67	39.07 2.65 0.00	38.13 2.35 0.00	37.17 2.23 0.00	36.20 2.29 0.00	36.26 1.82 0.00	43.67 1.96 0.13	53.23 2.25 -1.47	58.16 2.88 -4.15	71.81 2.83 -6.05	121.67 3.59 -2.52	35.50 1.27 15.43	32.07 1.24 11.97
HOLTSVILLE_IC_2 23691	47.30 1.30 0.00	33.95 1.31 0.00	29.50 1.17 0.00	37.41 1.26 0.00	37.89 1.16 0.00	39.46 1.24 0.00	56.46 0.84 -2.71	70.18 1.82 11.70	40.36 1.54 -1.83	28.51 1.42 0.00	45.81 2.31 -6.67	42.11 2.74 -0.66	38.95 2.53 0.00	38.02 2.24 0.00	37.06 2.12 0.00	36.08 2.17 0.00	36.13 1.69 0.00	44.02 1.82 -0.36	53.78 2.07 -2.21	58.89 2.67 -5.10	72.89 2.53 -7.42	122.54 3.09 -3.88	35.32 1.07 15.41	31.81 1.07 12.06
HOLTSVILLE_IC_3 23692	47.30 1.30 0.00	33.95 1.31 0.00	29.50 1.17 0.00	37.41 1.26 0.00	37.89 1.16 0.00	39.46 1.24 0.00	56.46 0.84 -2.71	70.18 1.82 11.70	40.36 1.54 -1.83	28.51 1.42 0.00	45.81 2.31 -6.67	42.11 2.74 -0.66	38.95 2.53 0.00	38.02 2.24 0.00	37.06 2.12 0.00	36.08 2.17 0.00	36.13 1.69 0.00	44.02 1.82 -0.36	53.78 2.07 -2.21	58.89 2.67 -5.10	72.89 2.53 -7.42	122.54 3.09 -3.88	35.32 1.07 15.41	31.81 1.07 12.06
HOLTSVILLE_IC_4 23693	47.30 1.30 0.00	33.95 1.31 0.00	29.50 1.17 0.00	37.41 1.26 0.00	37.89 1.16 0.00	39.46 1.24 0.00	56.46 0.84 -2.71	70.18 1.82 11.70	40.36 1.54 -1.83	28.51 1.42 0.00	45.81 2.31 -6.67	42.11 2.74 -0.66	38.95 2.53 0.00	38.02 2.24 0.00	37.06 2.12 0.00	36.08 2.17 0.00	36.13 1.69 0.00	44.02 1.82 -0.36	53.78 2.07 -2.21	58.89 2.67 -5.10	72.89 2.53 -7.42	122.54 3.09 -3.88	35.32 1.07 15.41	31.81 1.07 12.06
HOLTSVILLE_IC_5 23694	47.30 1.30 0.00	33.95 1.31 0.00	29.50 1.17 0.00	37.41 1.26 0.00	37.89 1.16 0.00	39.46 1.24 0.00	56.46 0.84 -2.71	70.18 1.82 11.70	40.36 1.54 -1.83	28.51 1.42 0.00	45.81 2.31 -6.67	42.11 2.74 -0.66	38.95 2.53 0.00	38.02 2.24 0.00	37.06 2.12 0.00	36.08 2.17 0.00	36.13 1.69 0.00	44.02 1.82 -0.36	53.78 2.07 -2.21	58.89 2.67 -5.10	72.89 2.53 -7.42	122.54 3.09 -3.88	35.32 1.07 15.41	31.81 1.07 12.06
HOLTSVILLE_IC_6 23695	47.50 1.49 0.00	34.07 1.43 0.00	29.61 1.27 0.00	37.54 1.38 0.00	38.02 1.30 0.00	39.61 1.39 0.00	55.94 1.06 -1.98	69.74 2.13 12.45	40.16 1.68 -1.49	28.62 1.54 0.00	46.03 2.47 -6.72	42.31 2.93 -0.67	39.07 2.65 0.00	38.13 2.35 0.00	37.17 2.23 0.00	36.20 2.29 0.00	36.26 1.82 0.00	43.67 1.96 0.13	53.23 2.25 -1.47	58.16 2.88 -4.15	71.81 2.83 -6.05	121.67 3.59 -2.52	35.50 1.27 15.43	32.07 1.24 11.97
HOLTSVILLE_IC_7 23696	47.50 1.49 0.00	34.07 1.43 0.00	29.61 1.27 0.00	37.54 1.38 0.00	38.02 1.30 0.00	39.61 1.39 0.00	55.94 1.06 -1.98	69.74 2.13 12.45	40.16 1.68 -1.49	28.62 1.54 0.00	46.03 2.47 -6.72	42.31 2.93 -0.67	39.07 2.65 0.00	38.13 2.35 0.00	37.17 2.23 0.00	36.20 2.29 0.00	36.26 1.82 0.00	43.67 1.96 0.13	53.23 2.25 -1.47	58.16 2.88 -4.15	71.81 2.83 -6.05	121.67 3.59 -2.52	35.50 1.27 15.43	32.07 1.24 11.97
HOLTSVILLE_IC_8 23697	47.50 1.49 0.00	34.07 1.43 0.00	29.61 1.27 0.00	37.54 1.38 0.00	38.02 1.30 0.00	39.61 1.39 0.00	55.94 1.06 -1.98	69.74 2.13 12.45	40.16 1.68 -1.49	28.62 1.54 0.00	46.03 2.47 -6.72	42.31 2.93 -0.67	39.07 2.65 0.00	38.13 2.35 0.00	37.17 2.23 0.00	36.20 2.29 0.00	36.26 1.82 0.00	43.67 1.96 0.13	53.23 2.25 -1.47	58.16 2.88 -4.15	71.81 2.83 -6.05	121.67 3.59 -2.52	35.50 1.27 15.43	32.07 1.24 11.97
HOLTSVILLE_IC_9 23698	47.50 1.49 0.00	34.07 1.43 0.00	29.61 1.27 0.00	37.54 1.38 0.00	38.02 1.30 0.00	39.61 1.39 0.00	55.94 1.06 -1.98	69.74 2.13 12.45	40.16 1.68 -1.49	28.62 1.54 0.00	46.03 2.47 -6.72	42.31 2.93 -0.67	39.07 2.65 0.00	38.13 2.35 0.00	37.17 2.23 0.00	36.20 2.29 0.00	36.26 1.82 0.00	43.67 1.96 0.13	53.23 2.25 -1.47	58.16 2.88 -4.15	71.81 2.83 -6.05	121.67 3.59 -2.52	35.50 1.27 15.43	32.07 1.24 11.97
HOMER_HL_115KV_TB2 355744	44.53 -1.48 0.00	31.27 -1.37 0.00	27.08 -1.25 0.00	34.72 -1.44 0.00	35.22 -1.51 0.00	37.09 -1.13 0.00	50.96 -1.94 0.00	79.10 -0.96 0.00	36.45 -0.54 0.00	26.93 -0.15 0.00	37.24 0.41 0.00	38.64 -0.07 0.00	36.28 -0.14 0.00	35.61 -0.16 0.00	34.85 -0.09 0.00	33.93 0.02 0.00	34.40 -0.04 0.00	40.57 -1.27 0.00	48.22 -1.29 0.00	50.95 -0.18 0.00	63.11 0.17 0.00	115.22 -0.34 0.00	49.23 -0.43 0.00	42.50 -0.29 0.00
HOWARD_WT_PWR 323690	44.33 -1.68 0.00	31.24 -1.40 0.00	27.02 -1.32 0.00	34.48 -1.68 0.00	35.13 -1.60 0.00	36.72 -1.50 0.00	50.61 -2.29 0.00	78.15 -1.91 0.00	36.16 -0.83 0.00	26.56 -0.53 0.00	36.56 -0.27 0.00	37.68 -1.03 0.00	35.24 -1.18 0.00	34.82 -0.96 0.00	34.09 -0.85 0.00	33.29 -0.63 0.00	33.91 -0.53 0.00	40.13 -1.71 0.00	48.22 -1.29 0.00	51.42 0.29 0.00	63.83 0.90 0.00	116.78 1.21 0.00	50.02 0.36 0.00	43.16 0.37 0.00
HQ_GEN_CEDARS 23644	46.13 0.12 0.00	32.59 -0.05 0.00	28.24 -0.09 0.00	36.13 -0.02 0.00	36.79 0.07 0.00	38.33 0.11 0.00	53.07 0.17 0.00	79.91 -0.14 0.00	36.67 -0.32 0.00	26.85 -0.23 0.00	36.54 -0.29 0.00	38.45 -0.26 0.00	36.06 -0.36 0.00	35.38 -0.40 0.00	34.52 -0.43 0.00	33.46 -0.45 0.00	33.99 -0.46 0.00	41.36 -0.48 0.00	47.76 -0.65 0.00	49.69 -0.65 0.00	62.44 -0.50 0.00	114.70 -0.86 0.00	49.35 -0.31 0.00	42.51 -0.28 0.00
HQ_GEN_CEDARS_PROXY 323590	46.13 0.12 0.00	32.43 -0.05 0.15	28.25 -0.09 0.00	36.13 -0.02 0.00	36.79 0.07 0.00	38.33 0.11 0.00	53.06 0.16 0.00	79.91 -0.14 0.00	36.67 -0.32 0.00	26.86 -0.23 0.00	36.54 -0.29 0.00	38.45 -0.26 0.00	36.06 -0.37 0.00	35.38 -0.39 0.00	34.52 -0.43 0.00	33.46 -0.45 0.00	33.99 -0.46 0.00	41.36 -0.48 0.00	47.76 -0.65 0.00	48.81 -0.64 1.68	62.43 -0.50 0.00	114.70 -0.86 0.00	49.35 -0.31 0.00	42.51 -0.28 0.00

HQ_GEN_CHPE_PROXY 323851	47.80 1.80 0.00	33.93 1.28 0.00	29.39 1.05 0.00	37.38 1.22 0.00	37.96 1.23 0.00	39.73 1.51 0.00	54.97 2.07 0.00	83.97 3.91 0.00	39.12 2.14 0.00	28.55 1.47 0.00	38.99 2.15 0.00	41.04 2.33 0.00	38.86 2.44 0.00	38.30 2.52 0.00	37.39 2.45 0.00	36.31 2.40 0.00	36.94 2.49 0.00	44.80 2.96 0.00	52.83 3.33 0.00	54.66 3.54 0.00	66.43 3.50 0.00	120.58 5.01 0.00	51.73 2.08 0.00	44.82 2.02 0.00
HQ_GEN_IMPORT 323601	46.26 0.25 0.00	32.75 0.11 0.00	28.42 0.08 0.00	36.31 0.14 0.00	36.89 0.17 0.00	38.34 0.12 0.00	53.10 0.19 0.00	80.13 0.07 0.00	36.95 -0.04 0.00	27.08 0.00 0.00	36.86 0.03 0.00	38.76 0.04 0.00	36.42 0.00 0.00	35.77 -0.01 0.00	34.92 -0.03 0.00	33.88 -0.04 0.00	34.40 -0.04 0.00	41.80 -0.04 0.00	49.20 -0.10 0.21	50.73 -0.25 0.15	62.81 -0.12 0.00	115.55 -0.02 0.00	49.69 0.04 0.00	42.82 0.03 0.00
HQ_GEN_WHEEL 23651	46.26 0.25 0.00	32.75 0.11 0.00	28.42 0.08 0.00	36.31 0.14 0.00	36.89 0.17 0.00	38.34 0.12 0.00	53.10 0.19 0.00	80.13 0.07 0.00	36.95 -0.04 0.00	27.08 0.00 0.00	36.86 0.03 0.00	38.76 0.04 0.00	36.42 0.00 0.00	35.77 -0.01 0.00	34.92 -0.03 0.00	33.88 -0.04 0.00	34.40 -0.04 0.00	41.80 -0.04 0.00	49.20 -0.10 0.21	50.73 -0.25 0.15	62.81 -0.12 0.00	115.55 -0.02 0.00	49.69 0.04 0.00	42.82 0.03 0.00
HUDSON_AVE_GT_3 23810	47.93 1.93 0.00	34.00 1.36 0.00	29.45 1.12 0.00	37.46 1.31 0.00	38.05 1.33 0.00	39.83 1.61 0.00	55.11 2.21 0.00	84.20 4.15 0.00	39.24 2.25 0.00	28.64 1.55 0.00	39.12 2.28 0.00	41.16 2.45 0.00	38.98 2.56 0.00	38.41 2.63 0.00	37.51 2.57 0.00	36.42 2.51 0.00	37.05 2.60 0.00	44.93 3.10 0.00	52.99 3.48 0.00	54.82 3.69 0.00	66.64 3.70 0.00	120.93 5.36 0.00	51.88 2.22 0.00	44.94 2.15 0.00
HUDSON_AVE_GT_4 23540	47.93 1.93 0.00	34.00 1.36 0.00	29.45 1.12 0.00	37.46 1.31 0.00	38.05 1.33 0.00	39.83 1.61 0.00	55.11 2.21 0.00	84.20 4.15 0.00	39.24 2.25 0.00	28.64 1.55 0.00	39.12 2.28 0.00	41.16 2.45 0.00	38.98 2.56 0.00	38.41 2.63 0.00	37.51 2.57 0.00	36.42 2.51 0.00	37.05 2.60 0.00	44.93 3.10 0.00	52.99 3.48 0.00	54.82 3.69 0.00	66.64 3.70 0.00	120.93 5.36 0.00	51.88 2.22 0.00	44.94 2.15 0.00
HUDSON_AVE_GT_5 23657	47.93 1.93 0.00	34.00 1.36 0.00	29.45 1.12 0.00	37.46 1.31 0.00	38.05 1.33 0.00	39.83 1.61 0.00	55.11 2.21 0.00	84.20 4.15 0.00	39.24 2.25 0.00	28.64 1.55 0.00	39.12 2.28 0.00	41.16 2.45 0.00	38.98 2.56 0.00	38.41 2.63 0.00	37.51 2.57 0.00	36.42 2.51 0.00	37.05 2.60 0.00	44.93 3.10 0.00	52.99 3.48 0.00	54.82 3.69 0.00	66.64 3.70 0.00	120.93 5.36 0.00	51.88 2.22 0.00	44.94 2.15 0.00
HUDSON_AVE_10 24168	47.74 1.74 0.00	33.85 1.21 0.00	29.31 0.98 0.00	37.29 1.13 0.00	37.88 1.16 0.00	39.64 1.42 0.00	54.83 1.93 0.00	83.78 3.72 0.00	39.04 2.06 0.00	28.48 1.40 0.00	38.92 2.09 0.00	40.98 2.26 0.00	38.83 2.41 0.00	38.27 2.49 0.00	37.35 2.41 0.00	36.26 2.35 0.00	36.90 2.45 0.00	44.73 2.89 0.00	52.71 3.21 0.00	54.51 3.38 0.00	66.25 3.32 0.01	120.25 4.69 0.00	51.58 1.92 0.00	44.69 1.90 0.00
HUDSON___115KV_TB 4 355613	47.41 1.41 0.00	33.83 1.19 0.00	29.37 1.04 0.00	37.44 1.28 0.00	37.96 1.24 0.00	39.60 1.38 0.00	54.77 1.87 0.00	82.89 2.83 0.00	38.30 1.31 0.00	27.88 0.80 0.00	37.79 0.96 0.00	39.68 0.97 0.00	37.34 0.92 0.00	36.75 0.97 0.00	36.00 1.05 0.00	35.02 1.11 0.00	35.37 0.92 0.00	42.94 1.11 0.00	50.98 1.47 0.00	53.10 1.97 0.00	65.26 2.33 0.00	119.26 3.69 0.00	51.37 1.71 0.00	44.27 1.48 0.00
HUNTER MOUNT___DRP 323613	47.60 1.60 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.59 1.43 0.00	38.12 1.40 0.00	39.76 1.55 0.00	55.04 2.14 0.00	83.32 3.27 0.00	38.46 1.47 0.00	27.99 0.90 0.00	37.93 1.10 0.00	39.77 1.06 0.00	37.41 0.99 0.00	36.84 1.06 0.00	36.11 1.17 0.00	35.12 1.21 0.00	35.45 1.00 0.00	43.01 1.17 0.00	51.13 1.62 0.00	53.21 2.08 0.00	65.43 2.50 0.00	119.26 3.69 0.00	51.51 1.85 0.00	44.37 1.57 0.00
HUNTINGTON_RES_REC 323705	47.28 1.27 0.00	33.99 1.35 0.00	29.53 1.19 0.00	37.46 1.30 0.00	37.91 1.19 0.00	39.41 1.19 0.00	51.54 0.88 2.25	64.22 1.87 17.70	38.11 1.53 0.42	28.49 1.41 0.00	45.82 2.24 -6.75	41.98 2.60 -0.67	38.91 2.49 0.00	38.02 2.25 0.00	37.11 2.16 0.00	36.07 2.16 0.00	36.08 1.64 0.00	40.58 1.78 3.04	48.85 2.12 2.79	52.65 2.68 1.16	63.82 2.57 1.69	113.06 2.87 5.38	34.13 1.00 16.53	31.57 0.98 12.20
HUNTLEY___63 23557	43.48 -2.52 0.00	30.48 -2.16 0.00	26.38 -1.96 0.00	33.80 -2.36 0.00	34.38 -2.34 0.00	36.18 -2.03 0.00	49.66 -3.24 0.00	77.34 -2.72 0.00	35.87 -1.12 0.00	26.67 -0.41 0.00	36.87 0.03 0.00	38.28 -0.43 0.00	35.92 -0.50 0.00	35.23 -0.55 0.00	34.39 -0.56 0.00	33.40 -0.52 0.00	33.66 -0.78 0.00	39.51 -2.32 0.00	46.85 -2.65 0.00	49.40 -1.72 0.00	60.94 -2.00 0.00	111.75 -3.82 0.00	48.33 -1.33 0.00	41.50 -1.30 0.00
HUNTLEY___64 23558	43.48 -2.52 0.00	30.48 -2.16 0.00	26.38 -1.96 0.00	33.80 -2.36 0.00	34.38 -2.34 0.00	36.18 -2.03 0.00	49.66 -3.24 0.00	77.34 -2.72 0.00	35.87 -1.12 0.00	26.67 -0.41 0.00	36.87 0.03 0.00	38.28 -0.43 0.00	35.92 -0.50 0.00	35.23 -0.55 0.00	34.39 -0.56 0.00	33.40 -0.52 0.00	33.66 -0.78 0.00	39.51 -2.32 0.00	46.85 -2.65 0.00	49.40 -1.72 0.00	60.94 -2.00 0.00	111.75 -3.82 0.00	48.33 -1.33 0.00	41.50 -1.30 0.00
HUNTLEY___65 23559	43.48 -2.52 0.00	30.48 -2.16 0.00	26.38 -1.96 0.00	33.80 -2.36 0.00	34.38 -2.34 0.00	36.18 -2.03 0.00	49.66 -3.24 0.00	77.34 -2.72 0.00	35.87 -1.12 0.00	26.67 -0.41 0.00	36.87 0.03 0.00	38.28 -0.43 0.00	35.92 -0.50 0.00	35.23 -0.55 0.00	34.39 -0.56 0.00	33.40 -0.52 0.00	33.66 -0.78 0.00	39.51 -2.32 0.00	46.85 -2.65 0.00	49.40 -1.72 0.00	60.94 -2.00 0.00	111.75 -3.82 0.00	48.33 -1.33 0.00	41.50 -1.30 0.00
HUNTLEY___66 23560	43.48 -2.52 0.00	30.48 -2.16 0.00	26.38 -1.96 0.00	33.80 -2.36 0.00	34.38 -2.34 0.00	36.18 -2.03 0.00	49.66 -3.24 0.00	77.34 -2.72 0.00	35.87 -1.12 0.00	26.67 -0.41 0.00	36.87 0.03 0.00	38.28 -0.43 0.00	35.92 -0.50 0.00	35.23 -0.55 0.00	34.39 -0.56 0.00	33.40 -0.52 0.00	33.66 -0.78 0.00	39.51 -2.32 0.00	46.85 -2.65 0.00	49.40 -1.72 0.00	60.94 -2.00 0.00	111.75 -3.82 0.00	48.33 -1.33 0.00	41.50 -1.30 0.00
HUNTLEY___67 23561	43.27 -2.73 0.00	30.33 -2.31 0.00	26.25 -2.08 0.00	33.65 -2.51 0.00	34.19 -2.54 0.00	35.93 -2.29 0.00	49.36 -3.54 0.00	76.80 -3.26 0.00	35.59 -1.40 0.00	26.47 -0.61 0.00	36.57 -0.26 0.00	38.02 -0.69 0.00	35.67 -0.75 0.00	34.97 -0.80 0.00	34.21 -0.74 0.00	33.22 -0.69 0.00	33.52 -0.92 0.00	39.37 -2.47 0.00	46.64 -2.87 0.00	49.20 -1.92 0.00	60.70 -2.24 0.00	111.33 -4.24 0.00	48.09 -1.56 0.00	41.35 -1.44 0.00

HUNTLEY___68 23562	43.27 -2.73 0.00	30.33 -2.31 0.00	26.25 -2.08 0.00	33.65 -2.51 0.00	34.19 -2.54 0.00	35.93 -2.29 0.00	49.36 -3.54 0.00	76.80 -3.26 0.00	35.59 -1.40 0.00	26.47 -0.61 0.00	36.57 -0.26 0.00	38.02 -0.69 0.00	35.67 -0.75 0.00	34.97 -0.80 0.00	34.21 -0.74 0.00	33.22 -0.69 0.00	33.52 -0.92 0.00	39.37 -2.47 0.00	46.64 -2.87 0.00	49.20 -1.92 0.00	60.70 -2.24 0.00	111.33 -4.24 0.00	48.09 -1.56 0.00	41.35 -1.44 0.00
HYLAND___LFGE 323620	47.00 0.99 0.00	33.06 0.42 0.00	28.61 0.28 0.00	36.58 0.42 0.00	37.25 0.53 0.00	39.27 1.06 0.00	54.59 1.69 0.00	84.47 4.41 0.00	38.85 1.86 0.00	28.33 1.25 0.00	38.37 1.53 0.00	39.57 0.85 0.00	37.10 0.68 0.00	36.28 0.50 0.00	35.48 0.53 0.00	34.47 0.55 0.00	35.07 0.63 0.00	42.07 0.23 0.00	50.73 1.22 0.00	53.73 2.61 0.00	66.99 4.05 0.00	122.46 6.89 0.00	52.48 2.82 0.00	45.01 2.22 0.00
INDECK___CORINTH 23802	48.49 2.49 0.00	34.47 1.83 0.00	29.94 1.61 0.00	37.97 1.81 0.00	38.28 1.55 0.00	39.58 1.36 0.00	54.23 1.33 0.00	81.17 1.11 0.00	37.46 0.47 0.00	27.30 0.22 0.00	37.03 0.19 0.00	39.10 0.39 0.00	36.83 0.41 0.00	36.23 0.45 0.00	35.44 0.50 0.00	34.37 0.46 0.00	34.87 0.42 0.00	42.74 0.90 0.00	50.93 1.43 0.00	52.82 1.70 0.00	64.81 1.88 0.00	119.35 3.78 0.00	51.20 1.54 0.00	44.02 1.23 0.00
INDECK___ILION 23567	46.43 0.43 0.00	33.07 0.43 0.00	28.70 0.36 0.00	36.54 0.38 0.00	36.96 0.24 0.00	38.57 0.36 0.00	53.37 0.47 0.00	80.62 0.56 0.00	37.11 0.12 0.00	27.03 -0.06 0.00	36.67 -0.16 0.00	38.68 -0.04 0.00	36.25 -0.18 0.00	35.69 -0.09 0.00	34.85 -0.09 0.00	33.80 -0.12 0.00	34.44 -0.01 0.00	42.10 0.26 0.00	50.81 0.75 0.00	52.69 1.17 0.00	64.40 1.47 0.00	118.07 2.51 0.00	50.74 1.08 0.00	43.72 0.93 0.00
INDECK___OLEAN 23982	44.52 -1.48 0.00	31.28 -1.36 0.00	27.08 -1.25 0.00	34.72 -1.44 0.00	35.22 -1.51 0.00	37.09 -1.13 0.00	50.98 -1.92 0.00	79.10 -0.96 0.00	36.45 -0.54 0.00	26.93 -0.15 0.00	37.24 0.40 0.00	38.64 -0.08 0.00	36.28 -0.14 0.00	35.61 -0.16 0.00	34.86 -0.09 0.00	33.93 0.02 0.00	34.40 -0.04 0.00	40.56 -1.28 0.00	48.22 -1.28 0.00	50.92 -0.21 0.00	63.11 0.17 0.00	115.23 -0.34 0.00	49.22 -0.44 0.00	42.50 -0.29 0.00
INDECK___OSWEGO 23783	44.32 -1.69 0.00	31.45 -1.19 0.00	27.28 -1.06 0.00	34.84 -1.32 0.00	35.45 -1.27 0.00	36.98 -1.24 0.00	51.28 -1.62 0.00	77.92 -2.13 0.00	36.03 -0.96 0.00	26.39 -0.69 0.00	35.80 -1.03 0.00	37.49 -1.22 0.00	35.26 -1.16 0.00	34.61 -1.16 0.00	33.79 -1.15 0.00	32.80 -1.11 0.00	33.33 -1.11 0.00	40.42 -1.42 0.00	47.52 -1.62 0.00	49.45 -1.42 0.00	61.23 -1.71 0.00	112.18 -3.39 0.00	48.16 -1.50 0.00	41.45 -1.34 0.00
INDECK___YERKES 23781	43.51 -2.49 0.00	30.51 -2.13 0.00	26.40 -1.94 0.00	33.83 -2.33 0.00	34.41 -2.31 0.00	36.22 -1.99 0.00	49.72 -3.18 0.00	77.41 -2.64 0.00	35.91 -1.08 0.00	26.70 -0.39 0.00	36.91 0.07 0.00	38.32 -0.40 0.00	35.95 -0.47 0.00	35.26 -0.51 0.00	34.43 -0.51 0.00	33.43 -0.49 0.00	33.70 -0.75 0.00	39.55 -2.28 0.00	46.90 -2.61 0.00	49.44 -1.69 0.00	61.00 -1.94 0.00	111.87 -3.70 0.00	48.37 -1.29 0.00	41.54 -1.26 0.00
INDIAN POINT_GT_1 24139	47.66 1.66 0.00	33.80 1.16 0.00	29.30 0.96 0.00	37.26 1.10 0.00	37.84 1.12 0.00	39.57 1.35 0.00	54.77 1.87 0.00	83.52 3.46 0.00	38.86 1.87 0.00	28.34 1.25 0.00	38.65 1.82 0.00	40.69 1.97 0.00	38.51 2.09 0.00	37.93 2.15 0.00	37.04 2.10 0.00	35.98 2.07 0.00	36.60 2.16 0.00	44.46 2.62 0.00	52.55 3.04 0.00	54.43 3.30 0.00	66.24 3.30 0.00	120.34 4.77 0.00	51.57 1.91 0.00	44.62 1.83 0.00
INDIAN POINT_GT_2 23659	47.66 1.66 0.00	33.80 1.16 0.00	29.30 0.96 0.00	37.26 1.10 0.00	37.84 1.12 0.00	39.57 1.35 0.00	54.77 1.87 0.00	83.52 3.46 0.00	38.86 1.87 0.00	28.34 1.25 0.00	38.65 1.82 0.00	40.69 1.97 0.00	38.51 2.09 0.00	37.93 2.15 0.00	37.04 2.10 0.00	35.98 2.07 0.00	36.60 2.16 0.00	44.46 2.62 0.00	52.55 3.04 0.00	54.43 3.30 0.00	66.24 3.30 0.00	120.34 4.77 0.00	51.57 1.91 0.00	44.62 1.83 0.00
INDIAN POINT_GT_3 24019	47.66 1.66 0.00	33.80 1.16 0.00	29.30 0.96 0.00	37.26 1.10 0.00	37.84 1.12 0.00	39.57 1.35 0.00	54.77 1.87 0.00	83.52 3.46 0.00	38.86 1.87 0.00	28.34 1.25 0.00	38.65 1.82 0.00	40.69 1.97 0.00	38.51 2.09 0.00	37.93 2.15 0.00	37.04 2.10 0.00	35.98 2.07 0.00	36.60 2.16 0.00	44.46 2.62 0.00	52.55 3.04 0.00	54.43 3.30 0.00	66.24 3.30 0.00	120.34 4.77 0.00	51.57 1.91 0.00	44.62 1.83 0.00
INDIAN POINT___2 23530	47.65 1.65 0.00	33.80 1.16 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.82 1.10 0.00	39.56 1.34 0.00	54.74 1.84 0.00	83.51 3.45 0.00	38.85 1.86 0.00	28.33 1.24 0.00	38.65 1.81 0.00	40.68 1.96 0.00	38.50 2.08 0.00	37.92 2.15 0.00	37.04 2.10 0.00	35.98 2.06 0.00	36.62 2.17 0.00	44.46 2.62 0.00	52.53 3.03 0.00	54.43 3.30 0.00	66.21 3.27 0.00	120.32 4.76 0.00	51.54 1.88 0.00	44.62 1.82 0.00
INDIAN POINT___3 23531	47.65 1.65 0.00	33.80 1.16 0.00	29.30 0.96 0.00	37.25 1.09 0.00	37.83 1.11 0.00	39.57 1.35 0.00	54.76 1.86 0.00	83.49 3.44 0.00	38.84 1.85 0.00	28.32 1.24 0.00	38.64 1.81 0.00	40.67 1.96 0.00	38.50 2.08 0.00	37.92 2.14 0.00	37.04 2.09 0.00	35.97 2.05 0.00	36.59 2.14 0.00	44.44 2.60 0.00	52.53 3.03 0.00	54.41 3.28 0.00	66.20 3.27 0.00	120.33 4.76 0.00	51.55 1.89 0.00	44.62 1.82 0.00
INGHAM_C_115KV_TB7 356103	46.74 0.74 0.00	33.43 0.78 0.00	29.03 0.69 0.00	36.88 0.72 0.00	37.14 0.42 0.00	38.86 0.65 0.00	53.69 0.79 0.00	80.79 0.73 0.00	36.97 -0.03 0.00	26.76 -0.32 0.00	36.22 -0.61 0.00	38.35 -0.36 0.00	35.75 -0.67 0.00	35.34 -0.44 0.00	34.50 -0.45 0.00	33.40 -0.51 0.00	34.18 -0.27 0.00	42.05 0.21 0.00	51.33 1.27 0.00	53.71 2.18 0.00	65.79 2.86 0.00	120.47 4.90 0.00	51.81 2.15 0.00	44.67 1.88 0.00
IP CORINTH___1 23988	48.50 2.49 0.00	34.47 1.83 0.00	29.94 1.61 0.00	38.00 1.84 0.00	38.37 1.64 0.00	39.73 1.52 0.00	54.51 1.61 0.00	81.65 1.59 0.00	37.67 0.69 0.00	27.45 0.37 0.00	37.23 0.40 0.00	39.31 0.59 0.00	37.03 0.61 0.00	36.43 0.65 0.00	35.64 0.70 0.00	34.56 0.64 0.00	35.07 0.62 0.00	42.99 1.15 0.00	51.22 1.72 0.00	53.13 2.00 0.00	65.19 2.25 0.00	120.04 4.47 0.00	51.50 1.84 0.00	44.27 1.48 0.00
IP___TICONDEROGA 23804	51.16 5.15 0.00	36.25 3.61 0.00	31.48 3.15 0.00	40.08 3.92 0.00	40.49 3.76 0.00	42.12 3.91 0.00	57.39 4.48 0.00	84.36 4.31 0.00	39.01 2.02 0.00	28.65 1.57 0.00	38.69 1.85 0.00	40.40 1.68 0.00	38.10 1.68 0.00	37.48 1.70 0.00	36.88 1.94 0.00	35.79 1.87 0.00	36.23 1.78 0.00	45.10 3.26 0.00	53.89 4.38 0.00	55.94 4.81 0.00	68.77 5.84 0.00	127.51 11.94 0.00	54.58 4.93 0.00	46.82 4.03 0.00

ISLIP_RES_REC 323679	47.66 1.66 0.00	34.17 1.53 0.00	29.69 1.36 0.00	37.66 1.50 0.00	38.14 1.42 0.00	39.76 1.55 0.00	56.10 1.28 -1.91	70.12 2.48 12.42	40.30 1.85 -1.46	28.75 1.67 0.00	46.22 2.62 -6.76	42.51 3.13 -0.67	39.22 2.80 0.00	38.26 2.48 0.00	37.31 2.37 0.00	36.34 2.43 0.00	36.40 1.96 0.00	43.80 2.12 0.16	53.40 2.49 -1.41	58.31 3.13 -4.06	72.00 3.15 -5.92	122.14 4.16 -2.41	35.83 1.50 15.32	32.33 1.42 11.88
JAMAICA__27_KV_LOAD 355505	48.08 2.08 0.00	34.05 1.41 0.00	29.45 1.12 0.00	37.49 1.33 0.00	38.09 1.37 0.00	39.85 1.64 0.00	55.07 2.17 0.00	84.15 4.09 0.00	39.22 2.23 0.00	28.57 1.50 0.00	39.10 2.27 0.00	41.19 2.47 0.00	39.07 2.64 0.00	38.52 2.74 0.00	37.57 2.62 0.00	36.45 2.54 0.00	37.11 2.66 0.00	44.94 3.10 0.00	52.89 3.39 0.00	54.69 3.57 0.00	66.48 3.55 0.01	120.73 5.17 0.00	51.78 2.12 0.00	44.87 2.08 0.00
JANIS__SOLAR 323808	47.74 1.73 0.00	33.83 1.19 0.00	29.30 0.96 0.00	37.29 1.13 0.00	37.89 1.16 0.00	39.57 1.35 0.00	55.22 2.32 0.00	84.50 4.45 0.00	38.71 1.72 0.00	28.21 1.12 0.00	38.05 1.21 0.00	39.43 0.72 0.00	37.07 0.64 0.00	36.04 0.26 0.00	34.94 -0.01 0.00	33.94 0.03 0.00	34.66 0.21 0.00	42.65 0.81 0.00	51.31 1.81 0.00	53.86 2.73 0.00	66.77 3.84 0.00	122.16 6.60 0.00	52.30 2.64 0.00	45.00 2.20 0.00
JARVIS____ 23743	46.10 0.10 0.00	32.74 0.10 0.00	28.43 0.09 0.00	36.27 0.10 0.00	36.80 0.08 0.00	38.32 0.10 0.00	53.01 0.10 0.00	80.25 0.20 0.00	37.08 0.09 0.00	27.12 0.03 0.00	36.87 0.03 0.00	38.76 0.05 0.00	36.47 0.05 0.00	35.83 0.06 0.00	35.01 0.07 0.00	33.99 0.08 0.00	34.53 0.09 0.00	42.00 0.16 0.00	50.30 0.24 -0.55	51.83 0.31 -0.40	63.25 0.32 0.00	116.03 0.46 0.00	49.86 0.20 0.00	42.95 0.16 0.00
JENNISON__1 23625	48.10 2.09 0.00	34.09 1.45 0.00	29.47 1.14 0.00	37.50 1.34 0.00	38.12 1.39 0.00	39.71 1.49 0.00	55.22 2.32 0.00	84.51 4.45 0.00	38.50 1.51 0.00	28.08 1.00 0.00	38.00 1.17 0.00	39.80 1.09 0.00	37.60 1.18 0.00	36.71 0.93 0.00	35.61 0.66 0.00	34.65 0.74 0.00	35.33 0.88 0.00	43.10 1.26 0.00	51.71 2.20 0.00	53.98 2.85 0.00	66.65 3.72 0.00	121.82 6.25 0.00	52.18 2.52 0.00	45.04 2.25 0.00
JENNISON__2 23626	48.10 2.09 0.00	34.09 1.45 0.00	29.47 1.14 0.00	37.50 1.34 0.00	38.12 1.39 0.00	39.71 1.49 0.00	55.22 2.32 0.00	84.51 4.45 0.00	38.50 1.51 0.00	28.08 1.00 0.00	38.00 1.17 0.00	39.80 1.09 0.00	37.60 1.18 0.00	36.71 0.93 0.00	35.61 0.66 0.00	34.65 0.74 0.00	35.33 0.88 0.00	43.10 1.26 0.00	51.71 2.20 0.00	53.98 2.85 0.00	66.65 3.72 0.00	121.82 6.25 0.00	52.18 2.52 0.00	45.04 2.25 0.00
JERICHO_RISE_WT_PWR 323719	45.80 -0.20 0.00	32.35 -0.29 0.00	28.14 -0.19 0.00	36.14 -0.02 0.00	36.73 0.00 0.00	38.13 -0.09 0.00	52.87 -0.03 0.00	79.10 -0.95 0.00	36.45 -0.54 0.00	26.81 -0.27 0.00	36.39 -0.45 0.00	38.31 -0.40 0.00	35.92 -0.50 0.00	35.19 -0.58 0.00	34.29 -0.65 0.00	33.20 -0.71 0.00	33.73 -0.72 0.00	41.18 -0.66 0.00	47.95 -0.81 0.74	49.97 -0.62 0.54	62.57 -0.36 0.00	115.29 -0.27 0.00	49.70 0.04 0.00	42.85 0.05 0.00
KATONAH__115KV_46KV_TB4 355592	47.83 1.82 0.00	33.95 1.31 0.00	29.43 1.10 0.00	37.45 1.29 0.00	38.03 1.30 0.00	39.77 1.55 0.00	55.06 2.16 0.00	83.91 3.85 0.00	39.01 2.02 0.00	28.47 1.39 0.00	38.81 1.98 0.00	40.86 2.15 0.00	38.66 2.24 0.00	38.06 2.28 0.00	37.17 2.22 0.00	36.09 2.18 0.00	36.71 2.27 0.00	44.62 2.78 0.00	52.75 3.25 0.00	54.64 3.52 0.00	66.55 3.62 0.00	120.94 5.37 0.00	51.84 2.17 0.00	44.82 2.02 0.00
KCE_NY_1 323755	48.06 2.05 0.00	34.21 1.57 0.00	29.71 1.38 0.00	37.83 1.67 0.00	38.30 1.58 0.00	39.88 1.67 0.00	54.95 2.05 0.00	82.63 2.58 0.00	38.11 1.13 0.00	27.80 0.72 0.00	37.74 0.91 0.00	39.86 1.15 0.00	37.56 1.14 0.00	36.92 1.15 0.00	36.16 1.21 0.00	35.08 1.16 0.00	35.64 1.19 0.00	43.50 1.66 0.00	51.76 2.25 0.00	53.62 2.49 0.00	65.76 2.83 0.00	120.81 5.25 0.00	51.92 2.26 0.00	44.67 1.87 0.00
KCE_NY_6_ESR 323823	43.72 -2.29 0.00	30.67 -1.97 0.00	26.53 -1.80 0.00	33.99 -2.17 0.00	34.52 -2.20 0.00	36.30 -1.91 0.00	49.89 -3.01 0.00	77.68 -2.37 0.00	36.01 -0.98 0.00	26.76 -0.32 0.00	36.96 0.12 0.00	38.35 -0.36 0.00	36.00 -0.42 0.00	35.27 -0.51 0.00	34.53 -0.41 0.00	33.53 -0.37 0.00	33.87 -0.58 0.00	39.80 -2.04 0.00	47.23 -2.27 0.00	49.85 -1.28 0.00	61.58 -1.35 0.00	112.86 -2.71 0.00	48.65 -1.01 0.00	41.88 -0.92 0.00
KEDC_PORT_JEFF_GT2 24210	47.43 1.43 0.00	34.02 1.38 0.00	29.56 1.23 0.00	37.49 1.33 0.00	37.96 1.24 0.00	39.54 1.33 0.00	55.67 0.97 -1.80	69.31 1.99 12.74	40.02 1.62 -1.41	28.57 1.49 0.00	45.94 2.40 -6.71	42.21 2.83 -0.66	39.02 2.60 0.00	38.06 2.28 0.00	37.10 2.16 0.00	36.12 2.21 0.00	36.17 1.72 0.00	43.45 1.86 0.26	52.96 2.16 -1.29	57.84 2.78 -3.94	71.36 2.69 -5.74	121.09 3.34 -2.18	35.27 1.15 15.54	31.89 1.13 12.03
KEDC_PORT_JEFF_GT3 24211	47.43 1.43 0.00	34.02 1.38 0.00	29.56 1.23 0.00	37.49 1.33 0.00	37.96 1.24 0.00	39.54 1.33 0.00	55.67 0.97 -1.80	69.31 1.99 12.74	40.02 1.62 -1.41	28.57 1.49 0.00	45.94 2.40 -6.71	42.21 2.83 -0.66	39.02 2.60 0.00	38.06 2.28 0.00	37.10 2.16 0.00	36.12 2.21 0.00	36.17 1.72 0.00	43.45 1.86 0.26	52.96 2.16 -1.29	57.84 2.78 -3.94	71.36 2.69 -5.74	121.09 3.34 -2.18	35.27 1.15 15.54	31.89 1.13 12.03
KEDC_GLWD_GT4 24219	47.93 1.93 0.00	34.22 1.58 0.00	29.67 1.33 0.00	37.70 1.54 0.00	38.24 1.52 0.00	39.91 1.69 0.00	54.50 2.05 0.45	78.75 3.80 5.10	39.20 2.21 0.00	28.71 1.63 0.00	50.06 2.51 -10.71	42.47 2.70 -1.06	39.16 2.73 0.00	38.49 2.71 0.00	37.58 2.63 0.00	36.47 2.56 0.00	36.86 2.42 0.00	43.84 2.83 0.83	52.18 3.31 0.64	54.81 3.68 0.00	66.69 3.75 0.00	119.53 5.22 1.25	46.24 2.09 5.51	40.65 1.95 4.09
KEDC_GLWD_GTS 24220	47.93 1.93 0.00	34.22 1.58 0.00	29.67 1.33 0.00	37.70 1.54 0.00	38.24 1.52 0.00	39.91 1.69 0.00	54.50 2.05 0.45	78.75 3.80 5.10	39.20 2.21 0.00	28.71 1.63 0.00	50.06 2.51 -10.71	42.47 2.70 -1.06	39.16 2.73 0.00	38.49 2.71 0.00	37.58 2.63 0.00	36.47 2.56 0.00	36.86 2.42 0.00	43.84 2.83 0.83	52.18 3.31 0.64	54.81 3.68 0.00	66.69 3.75 0.00	119.53 5.22 1.25	46.24 2.09 5.51	40.65 1.95 4.09
KENSICO____ 23655	47.76 1.76 0.00	33.90 1.25 0.00	29.37 1.03 0.00	37.35 1.20 0.00	37.93 1.21 0.00	39.67 1.45 0.00	54.88 1.98 0.00	83.70 3.64 0.00	38.96 1.98 0.00	28.42 1.34 0.00	38.79 1.96 0.00	40.83 2.11 0.00	38.65 2.23 0.00	38.07 2.29 0.00	37.17 2.23 0.00	36.09 2.18 0.00	36.71 2.27 0.00	44.58 2.74 0.00	52.68 3.17 0.00	54.54 3.41 0.00	66.37 3.43 0.00	120.57 5.00 0.00	51.67 2.01 0.00	44.72 1.93 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.28 2.27 0.00	34.22 1.58 0.00	29.66 1.33 0.00	37.75 1.59 0.00	38.36 1.64 0.00	40.15 1.93 0.00	55.67 2.77 0.00	84.88 4.83 0.00	39.28 2.29 0.00	28.51 1.43 0.00	39.04 2.20 0.00	41.01 2.29 0.00	38.70 2.28 0.00	37.94 2.16 0.00	37.02 2.07 0.00	36.04 2.13 0.00	36.85 2.41 0.00	44.80 2.97 0.00	53.25 3.74 0.00	55.29 4.16 0.00	67.46 4.53 0.00	122.65 7.08 0.00	52.49 2.83 0.00	45.32 2.53 0.00
KIAC_JFK_GT1 23816	47.82 1.82 0.00	33.87 1.22 0.00	29.29 0.95 0.00	37.28 1.12 0.00	37.89 1.17 0.00	39.57 1.36 0.00	54.54 1.64 0.00	83.33 3.28 0.00	38.85 1.86 0.00	28.31 1.23 0.00	38.85 2.02 0.00	40.97 2.26 0.00	38.86 2.44 0.00	38.30 2.53 0.00	37.37 2.43 0.00	36.25 2.34 0.00	36.87 2.42 0.00	44.54 2.70 0.00	52.41 2.90 0.00	54.15 3.03 0.00	65.79 2.87 0.01	119.48 3.92 0.00	51.27 1.62 0.00	44.43 1.64 0.00
KIAC_JFK_GT2 23817	47.82 1.82 0.00	33.87 1.22 0.00	29.29 0.95 0.00	37.28 1.12 0.00	37.89 1.17 0.00	39.57 1.36 0.00	54.54 1.64 0.00	83.33 3.28 0.00	38.85 1.86 0.00	28.31 1.23 0.00	38.85 2.02 0.00	40.97 2.26 0.00	38.86 2.44 0.00	38.30 2.53 0.00	37.37 2.43 0.00	36.25 2.34 0.00	36.87 2.42 0.00	44.54 2.70 0.00	52.41 2.90 0.00	54.15 3.03 0.00	65.79 2.87 0.01	119.48 3.92 0.00	51.27 1.62 0.00	44.43 1.64 0.00
KIAC_JFK____ 323774	47.82 1.81 0.00	33.87 1.23 0.00	29.29 0.96 0.00	37.28 1.12 0.00	37.89 1.17 0.00	39.57 1.35 0.00	54.53 1.63 0.00	83.33 3.27 0.00	38.85 1.86 0.00	28.31 1.23 0.00	38.85 2.02 0.00	40.97 2.26 0.00	38.86 2.44 0.00	38.30 2.53 0.00	37.37 2.42 0.00	36.25 2.34 0.00	36.87 2.42 0.00	44.54 2.70 0.00	52.41 2.91 0.00	54.15 3.02 0.00	65.80 2.88 0.01	119.55 3.99 0.00	51.27 1.61 0.00	44.43 1.64 0.00
KINTIGH_24_KV_GSU 356498	43.67 -2.34 0.00	30.66 -1.99 0.00	26.53 -1.80 0.00	33.99 -2.17 0.00	34.56 -2.17 0.00	36.29 -1.92 0.00	49.95 -2.94 0.00	77.42 -2.64 0.00	35.82 -1.17 0.00	26.58 -0.50 0.00	36.65 -0.18 0.00	38.17 -0.55 0.00	35.83 -0.59 0.00	35.13 -0.64 0.00	34.34 -0.60 0.00	33.34 -0.57 0.00	33.68 -0.77 0.00	39.73 -2.11 0.00	47.05 -2.46 0.00	49.60 -1.53 0.00	61.15 -1.78 0.00	112.19 -3.37 0.00	48.40 -1.26 0.00	41.60 -1.20 0.00
KINTIGH____ 23543	43.64 -2.36 0.00	30.63 -2.01 0.00	26.53 -1.81 0.00	33.96 -2.20 0.00	34.54 -2.18 0.00	36.27 -1.95 0.00	49.91 -2.99 0.00	77.36 -2.69 0.00	35.80 -1.18 0.00	26.57 -0.51 0.00	36.63 -0.20 0.00	38.16 -0.55 0.00	35.81 -0.61 0.00	35.11 -0.67 0.00	34.32 -0.62 0.00	33.33 -0.58 0.00	33.65 -0.79 0.00	39.72 -2.13 0.00	47.01 -2.49 0.00	49.58 -1.55 0.00	61.13 -1.81 0.00	112.09 -3.47 0.00	48.38 -1.28 0.00	41.58 -1.22 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	46.39 0.38 0.00	32.78 0.14 0.00	28.46 0.12 0.00	36.47 0.31 0.00	37.00 0.28 0.00	38.45 0.23 0.00	53.18 0.28 0.00	79.51 -0.54 0.00	36.69 -0.30 0.00	26.97 -0.11 0.00	36.50 -0.34 0.00	38.44 -0.28 0.00	36.09 -0.33 0.00	35.34 -0.44 0.00	34.49 -0.46 0.00	33.43 -0.48 0.00	33.96 -0.48 0.00	41.55 -0.29 0.00	48.35 -0.54 0.62	50.46 -0.22 0.45	63.09 0.15 0.00	116.34 0.77 0.00	50.13 0.47 0.00	43.23 0.44 0.00
LACHUTE__HYDRO 323717	51.16 5.15 0.00	36.25 3.61 0.00	31.48 3.15 0.00	40.08 3.92 0.00	40.49 3.76 0.00	42.13 3.91 0.00	57.38 4.48 0.00	84.36 4.31 0.00	39.01 2.02 0.00	28.65 1.57 0.00	38.69 1.85 0.00	40.40 1.68 0.00	38.10 1.68 0.00	37.47 1.70 0.00	36.88 1.93 0.00	35.78 1.87 0.00	36.23 1.78 0.00	45.10 3.26 0.00	53.89 4.38 0.00	55.94 4.82 0.00	68.77 5.83 0.00	127.51 11.94 0.00	54.59 4.93 0.00	46.82 4.03 0.00
LAWRNCV_115KV_TB1 80681	45.08 -0.93 0.00	31.83 -0.81 0.00	27.55 -0.79 0.00	35.32 -0.84 0.00	36.04 -0.68 0.00	37.56 -0.66 0.00	52.07 -0.83 0.00	78.36 -1.70 0.00	35.87 -1.12 0.00	26.18 -0.90 0.00	35.56 -1.28 0.00	37.36 -1.35 0.00	34.97 -1.45 0.00	34.28 -1.50 0.00	33.46 -1.49 0.00	32.40 -1.51 0.00	32.94 -1.50 0.00	40.18 -1.66 2.00	45.43 -2.07 1.44	47.75 -1.94 0.00	61.04 -1.90 0.00	112.00 -3.57 0.00	48.14 -1.52 0.00	41.43 -1.36 0.00
LEDERLE____ 23769	47.92 1.91 0.00	33.97 1.33 0.00	29.42 1.09 0.00	37.42 1.26 0.00	38.01 1.28 0.00	39.76 1.55 0.00	55.08 2.17 0.00	84.02 3.96 0.00	39.09 2.10 0.00	28.49 1.41 0.00	38.89 2.05 0.00	40.92 2.20 0.00	38.74 2.32 0.00	38.15 2.37 0.00	37.27 2.33 0.00	36.20 2.29 0.00	36.86 2.42 0.00	44.76 2.92 0.00	52.93 3.42 0.00	54.83 3.71 0.00	66.71 3.78 0.00	121.16 5.59 0.00	51.88 2.22 0.00	44.89 2.10 0.00
LIGHTHSE_115KV_TB6 355974	43.94 -2.06 0.00	31.10 -1.54 0.00	26.86 -1.48 0.00	34.58 -1.58 0.00	35.41 -1.31 0.00	36.97 -1.24 0.00	51.48 -1.42 0.00	78.26 -1.80 0.00	35.76 -1.23 0.00	25.85 -1.23 0.00	34.58 -2.25 0.00	35.69 -3.03 0.00	33.17 -3.25 0.00	32.23 -3.55 0.00	31.75 -3.19 0.00	30.63 -3.28 0.00	31.23 -3.22 0.00	38.33 -3.51 3.68	41.40 -4.43 2.65	44.91 -3.57 0.00	59.85 -3.09 0.00	109.07 -6.50 0.00	46.65 -3.01 0.00	39.83 -2.96 0.00
LINDEN COGEN____ 23786	47.68 1.68 0.00	33.75 1.16 0.05	28.78 0.95 0.51	36.67 1.08 0.57	37.31 1.11 0.52	38.94 1.38 0.66	52.93 1.91 1.88	83.76 3.70 0.00	39.02 2.03 0.00	27.81 1.36 0.63	33.62 2.01 5.22	40.21 2.17 0.68	38.46 2.31 0.27	37.48 2.41 0.70	37.29 2.35 0.00	36.21 2.30 0.00	36.84 2.40 0.00	44.67 2.83 0.00	45.63 3.15 7.03	52.54 3.33 1.92	62.54 3.22 3.62	103.15 4.54 16.96	51.56 1.91 0.00	44.75 1.96 0.00
LINDHRST_69_KV_BK1 356055	48.01 2.00 0.00	34.45 1.81 0.00	29.90 1.56 0.00	37.93 1.77 0.00	38.41 1.69 0.00	39.98 1.76 0.00	54.48 1.92 0.33	71.22 3.56 12.40	39.63 2.28 -0.36	28.88 1.80 0.00	47.24 2.74 -7.67	42.58 3.11 -0.76	39.39 2.97 0.00	38.61 2.84 0.00	37.69 2.74 0.00	36.61 2.70 0.00	36.77 2.32 0.00	42.95 2.62 1.51	51.89 3.16 0.79	55.93 3.80 -1.00	68.24 3.85 -1.46	119.24 5.31 1.63	38.05 2.01 13.62	34.38 1.82 10.24
LIPA_MISC_IPP 23656	47.41 1.41 0.00	33.90 1.25 0.00	29.48 1.14 0.00	37.39 1.23 0.00	37.86 1.13 0.00	39.49 1.27 0.00	56.25 0.79 -2.57	69.71 1.52 11.86	40.19 1.44 -1.76	28.50 1.42 0.00	45.91 2.40 -6.68	42.26 2.89 -0.66	38.99 2.57 0.00	37.96 2.18 0.00	36.94 2.00 0.00	36.06 2.14 0.00	36.09 1.65 0.00	43.88 1.78 -0.26	53.48 1.92 -2.05	58.64 2.61 -4.91	72.59 2.51 -7.14	122.01 2.85 -3.60	35.14 0.90 15.42	31.71 0.97 12.05
LISF__SOLAR 323691	47.51 1.50 0.00	33.95 1.31 0.00	29.52 1.18 0.00	37.44 1.28 0.00	37.90 1.18 0.00	39.55 1.34 0.00	56.18 0.81 -2.47	69.69 1.60 11.96	40.18 1.47 -1.72	28.52 1.44 0.00	45.98 2.47 -6.68	42.34 2.97 -0.66	38.99 2.57 0.00	37.98 2.21 0.00	36.95 2.01 0.00	36.09 2.17 0.00	36.13 1.69 0.00	43.84 1.80 -0.20	53.42 1.96 -1.96	58.59 2.68 -4.78	72.51 2.62 -6.96	122.13 3.14 -3.42	35.23 0.99 15.42	31.79 1.03 12.03

LITTLE FALLS___HYD 24013	46.74 0.74 0.00	33.43 0.78 0.00	29.03 0.69 0.00	36.88 0.72 0.00	37.14 0.42 0.00	38.86 0.65 0.00	53.69 0.79 0.00	80.79 0.73 0.00	36.97 -0.03 0.00	26.76 -0.32 0.00	36.22 -0.61 0.00	38.35 -0.36 0.00	35.75 -0.67 0.00	35.34 -0.44 0.00	34.50 -0.45 0.00	33.40 -0.51 0.00	34.18 -0.27 0.00	42.05 0.21 0.00	51.33 1.27 -0.55	53.71 2.18 -0.40	65.79 2.86 0.00	120.47 4.90 0.00	51.81 2.15 0.00	44.67 1.88 0.00
LITTLRIV_115KV_TB1 356100	45.61 -0.39 0.00	32.20 -0.44 0.00	27.86 -0.48 0.00	35.73 -0.43 0.00	36.49 -0.23 0.00	38.08 -0.14 0.00	52.78 -0.12 0.00	79.31 -0.75 0.00	36.15 -0.84 0.00	26.27 -0.82 0.00	35.67 -1.17 0.00	37.49 -1.22 0.00	35.09 -1.33 0.00	34.40 -1.38 0.00	33.56 -1.38 0.00	32.50 -1.41 0.00	33.03 -1.42 0.00	40.34 -1.50 0.00	45.43 -1.92 2.15	48.11 -1.47 1.55	61.82 -1.11 0.00	113.42 -2.15 0.00	48.71 -0.95 0.00	41.92 -0.87 0.00
LI_NEWBRDGE___DRP 323616	47.32 1.31 0.00	33.98 1.34 0.00	29.49 1.16 0.00	37.44 1.28 0.00	37.93 1.21 0.00	39.47 1.25 0.00	52.70 1.25 1.45	64.32 2.41 18.15	38.68 1.69 0.00	28.48 1.39 0.00	45.36 2.25 -6.27	41.83 2.50 -0.62	38.92 2.49 0.00	38.16 2.38 0.00	37.26 2.31 0.00	36.16 2.25 0.00	36.32 1.88 0.00	41.34 2.14 2.64	49.98 2.51 2.04	54.05 2.92 0.00	65.72 2.79 0.00	114.90 3.34 4.01	33.07 1.27 17.86	30.73 1.25 13.31
LOCKPORT_115KV_TB60_63_64 80432	43.16 -2.85 0.00	30.26 -2.39 0.00	26.18 -2.15 0.00	33.54 -2.62 0.00	34.15 -2.58 0.00	35.89 -2.33 0.00	49.28 -3.62 0.00	76.70 -3.36 0.00	35.57 -1.42 0.00	26.42 -0.67 0.00	36.44 -0.39 0.00	37.91 -0.81 0.00	35.54 -0.88 0.00	34.82 -0.96 0.00	34.00 -0.95 0.00	33.00 -0.91 0.00	33.26 -1.18 0.00	39.06 -2.78 0.00	46.30 -3.21 0.00	48.94 -2.18 0.00	60.41 -2.52 0.00	110.91 -4.65 0.00	47.99 -1.67 0.00	41.16 -1.63 0.00
LOCKPORT___CC1 323769	43.14 -2.87 0.00	30.25 -2.39 0.00	26.18 -2.16 0.00	33.54 -2.62 0.00	34.13 -2.60 0.00	35.86 -2.36 0.00	49.28 -3.63 0.00	76.62 -3.43 0.00	35.54 -1.45 0.00	26.41 -0.67 0.00	36.44 -0.39 0.00	37.90 -0.81 0.00	35.53 -0.89 0.00	34.82 -0.95 0.00	34.01 -0.93 0.00	33.01 -0.90 0.00	33.27 -1.17 0.00	39.07 -2.77 0.00	46.32 -3.19 0.00	48.93 -2.20 0.00	60.40 -2.53 0.00	110.85 -4.72 0.00	47.96 -1.70 0.00	41.17 -1.62 0.00
LOCKPORT___CC2 323770	43.14 -2.87 0.00	30.25 -2.39 0.00	26.18 -2.16 0.00	33.54 -2.62 0.00	34.13 -2.60 0.00	35.86 -2.36 0.00	49.28 -3.63 0.00	76.62 -3.43 0.00	35.54 -1.45 0.00	26.41 -0.67 0.00	36.44 -0.39 0.00	37.90 -0.81 0.00	35.53 -0.89 0.00	34.82 -0.95 0.00	34.01 -0.93 0.00	33.01 -0.90 0.00	33.27 -1.17 0.00	39.07 -2.77 0.00	46.32 -3.19 0.00	48.93 -2.20 0.00	60.40 -2.53 0.00	110.85 -4.72 0.00	47.96 -1.70 0.00	41.17 -1.62 0.00
LOCKPORT___CC3 323771	43.14 -2.87 0.00	30.25 -2.39 0.00	26.18 -2.16 0.00	33.54 -2.62 0.00	34.13 -2.60 0.00	35.86 -2.36 0.00	49.28 -3.63 0.00	76.62 -3.43 0.00	35.54 -1.45 0.00	26.41 -0.67 0.00	36.44 -0.39 0.00	37.90 -0.81 0.00	35.53 -0.89 0.00	34.82 -0.95 0.00	34.01 -0.93 0.00	33.01 -0.90 0.00	33.27 -1.17 0.00	39.07 -2.77 0.00	46.32 -3.19 0.00	48.93 -2.20 0.00	60.40 -2.53 0.00	110.85 -4.72 0.00	47.96 -1.70 0.00	41.17 -1.62 0.00
LOCUSVLY_69_KV_BK2 55797	47.90 1.90 0.00	34.29 1.65 0.00	29.73 1.39 0.00	37.76 1.60 0.00	38.28 1.55 0.00	39.89 1.67 0.00	53.32 1.97 1.55	74.49 3.60 9.16	38.80 2.20 0.39	28.76 1.68 0.00	49.10 2.60 -9.66	42.49 2.82 -0.96	39.24 2.82 0.00	38.53 2.75 0.00	37.62 2.68 0.00	36.52 2.61 0.00	36.78 2.34 0.00	42.73 2.74 1.85	50.89 3.22 1.83	53.70 3.65 1.08	65.05 3.69 1.57	117.00 4.94 3.51	43.01 1.98 8.63	38.36 1.85 6.29
LONG_LAKE_PHOENIX 24014	44.40 -1.61 0.00	31.50 -1.14 0.00	27.34 -1.00 0.00	34.89 -1.27 0.00	35.45 -1.27 0.00	37.00 -1.21 0.00	51.29 -1.61 0.00	77.96 -2.10 0.00	36.05 -0.94 0.00	26.40 -0.68 0.00	35.84 -0.99 0.00	37.51 -1.20 0.00	35.26 -1.16 0.00	34.66 -1.12 0.00	33.79 -1.15 0.00	32.81 -1.10 0.00	33.32 -1.13 0.00	40.42 -1.42 0.00	47.70 -1.58 0.22	49.59 -1.37 0.16	61.28 -1.65 0.00	112.20 -3.37 0.00	48.17 -1.49 0.00	41.46 -1.33 0.00
LOVETT___3 23632	47.63 1.62 0.00	33.77 1.13 0.00	29.27 0.93 0.00	37.21 1.06 0.00	37.79 1.07 0.00	39.53 1.31 0.00	54.73 1.83 0.00	83.43 3.38 0.00	38.82 1.83 0.00	28.30 1.22 0.00	38.61 1.77 0.00	40.63 1.91 0.00	38.47 2.04 0.00	37.89 2.11 0.00	37.01 2.06 0.00	35.94 2.03 0.00	36.58 2.14 0.00	44.42 2.58 0.00	52.50 3.00 0.00	54.38 3.26 0.00	66.17 3.24 0.00	120.22 4.65 0.00	51.50 1.84 0.00	44.57 1.78 0.00
LOVETT___4 23642	47.63 1.62 0.00	33.77 1.13 0.00	29.27 0.93 0.00	37.21 1.06 0.00	37.79 1.07 0.00	39.53 1.31 0.00	54.73 1.83 0.00	83.43 3.38 0.00	38.82 1.83 0.00	28.30 1.22 0.00	38.61 1.77 0.00	40.63 1.91 0.00	38.47 2.04 0.00	37.89 2.11 0.00	37.01 2.06 0.00	35.94 2.03 0.00	36.58 2.14 0.00	44.42 2.58 0.00	52.50 3.00 0.00	54.38 3.26 0.00	66.17 3.24 0.00	120.22 4.65 0.00	51.50 1.84 0.00	44.57 1.78 0.00
LOVETT___5 23593	47.63 1.62 0.00	33.77 1.13 0.00	29.27 0.93 0.00	37.21 1.06 0.00	37.79 1.07 0.00	39.53 1.31 0.00	54.73 1.83 0.00	83.43 3.38 0.00	38.82 1.83 0.00	28.30 1.22 0.00	38.61 1.77 0.00	40.63 1.91 0.00	38.47 2.04 0.00	37.89 2.11 0.00	37.01 2.06 0.00	35.94 2.03 0.00	36.58 2.14 0.00	44.42 2.58 0.00	52.50 3.00 0.00	54.38 3.26 0.00	66.17 3.24 0.00	120.22 4.65 0.00	51.50 1.84 0.00	44.57 1.78 0.00
LOWER RAQUET___HYD 24057	44.74 -1.26 0.00	31.59 -1.05 0.00	27.33 -1.00 0.00	35.06 -1.10 0.00	35.80 -0.92 0.00	37.31 -0.91 0.00	51.74 -1.16 0.00	77.86 -2.20 0.00	35.61 -1.38 0.00	25.96 -1.12 0.00	35.24 -1.60 0.00	37.00 -1.71 0.00	34.63 -1.79 0.00	33.92 -1.86 0.00	33.11 -1.84 0.00	32.06 -1.85 0.00	32.60 -1.85 0.00	39.80 -2.04 0.00	44.69 -2.53 2.29	47.14 -2.34 1.65	60.58 -2.36 0.00	111.18 -4.39 0.00	47.75 -1.91 0.00	41.09 -1.71 0.00
LOWER___HUDSON 24059	47.38 1.37 0.00	33.76 1.13 0.00	29.34 1.01 0.00	37.39 1.22 0.00	37.84 1.12 0.00	39.41 1.20 0.00	54.26 1.36 0.00	81.72 1.66 0.00	37.86 0.87 0.00	27.67 0.58 0.00	37.51 0.68 0.00	39.66 0.94 0.00	37.38 0.95 0.00	36.77 0.99 0.00	35.99 1.04 0.00	34.95 1.04 0.00	35.48 1.04 0.00	43.27 1.43 0.00	51.23 1.73 0.00	52.97 1.84 0.00	64.93 2.00 0.00	119.43 3.86 0.00	51.33 1.67 0.00	44.23 1.44 0.00
LOWVILLE_115KV_TB2 356335	44.81 -1.20 0.00	31.63 -1.01 0.00	27.13 -1.20 0.00	35.17 -0.98 0.00	36.31 -0.42 0.00	37.96 -0.26 0.00	53.02 0.13 0.00	80.53 0.47 0.00	36.68 -0.31 0.00	26.50 -0.59 0.00	35.52 -1.31 0.00	36.71 -2.00 0.00	34.13 -2.29 0.00	33.11 -2.67 0.00	32.60 -2.35 0.00	31.57 -2.35 0.00	32.34 -2.11 0.00	39.76 -2.08 0.00	55.59 -2.59 -8.67	55.32 -2.05 -6.24	61.54 -1.40 0.00	111.75 -3.82 0.00	47.59 -2.08 0.00	40.62 -2.18 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	48.02 2.01 0.00	34.17 1.53 0.00	29.69 1.35 0.00	37.80 1.64 0.00	38.27 1.55 0.00	39.83 1.62 0.00	54.86 1.96 0.00	82.52 2.46 0.00	38.08 1.09 0.00	27.77 0.69 0.00	37.69 0.86 0.00	39.81 1.10 0.00	37.52 1.10 0.00	36.88 1.10 0.00	36.12 1.17 0.00	35.06 1.14 0.00	35.59 1.15 0.00	43.45 1.62 0.00	51.65 2.14 0.00	53.53 2.41 0.00	65.65 2.72 0.00	120.60 5.03 0.00	51.80 2.14 0.00	44.59 1.79 0.00
LUTHERNY_35_KV_BK2 355980	48.06 2.05 0.00	34.21 1.57 0.00	29.71 1.38 0.00	37.83 1.67 0.00	38.30 1.58 0.00	39.88 1.67 0.00	54.95 2.05 0.00	82.63 2.58 0.00	38.11 1.12 0.00	27.80 0.72 0.00	37.74 0.91 0.00	39.86 1.15 0.00	37.56 1.14 0.00	36.92 1.15 0.00	36.16 1.21 0.00	35.08 1.16 0.00	35.64 1.19 0.00	43.50 1.66 0.00	51.75 2.24 0.00	53.62 2.50 0.00	65.76 2.83 0.00	120.81 5.25 0.00	51.92 2.26 0.00	44.67 1.87 0.00
LWR__OSWEGATCHIE_HYD 23850	44.18 -1.83 0.00	31.18 -1.46 0.00	26.88 -1.45 0.00	34.67 -1.49 0.00	35.58 -1.14 0.00	37.16 -1.05 0.00	51.74 -1.16 0.00	78.19 -1.86 0.00	35.67 -1.32 0.00	25.84 -1.24 0.00	34.82 -2.01 0.00	36.25 -2.46 0.00	33.78 -2.64 0.00	32.88 -2.89 0.00	32.24 -2.70 0.00	31.19 -2.72 0.00	31.84 -2.61 0.00	39.02 -2.82 0.00	41.53 -3.50 4.48	44.82 -3.09 3.22	60.08 -2.86 0.00	109.58 -5.99 0.00	46.89 -2.77 0.00	40.17 -2.62 0.00
LYONS_FALL_HYD 23570	45.60 -0.41 0.00	32.24 -0.40 0.00	27.74 -0.59 0.00	35.80 -0.36 0.00	36.80 0.08 0.00	38.48 0.26 0.00	53.60 0.70 0.00	81.32 1.27 0.00	37.19 0.20 0.00	26.92 -0.16 0.00	36.25 -0.58 0.00	37.62 -1.09 0.00	35.13 -1.29 0.00	34.16 -1.62 0.00	33.56 -1.39 0.00	32.51 -1.40 0.00	33.25 -1.20 0.00	40.77 -1.07 0.00	48.34 -1.16 0.00	50.45 -0.68 0.00	62.88 -0.05 0.00	114.50 -1.07 0.00	48.84 -0.82 0.00	41.79 -1.00 0.00
MADISON__COUNTY_LFGE 323628	46.79 0.79 0.00	33.18 0.53 0.00	28.72 0.39 0.00	36.76 0.60 0.00	37.43 0.70 0.00	39.12 0.90 0.00	54.29 1.39 0.00	82.37 2.32 0.00	37.90 0.91 0.00	27.58 0.50 0.00	37.45 0.62 0.00	39.15 0.43 0.00	36.76 0.34 0.00	35.92 0.14 0.00	35.11 0.16 0.00	34.03 0.12 0.00	34.70 0.26 0.00	42.30 0.46 0.00	51.79 1.05 -1.24	53.40 1.38 -0.89	64.90 1.97 0.00	118.65 3.09 0.00	50.82 1.16 0.00	43.67 0.88 0.00
MALONE__115KV_TB1 356076	45.85 -0.15 0.00	32.36 -0.28 0.00	28.12 -0.21 0.00	36.08 -0.07 0.00	36.74 0.02 0.00	38.23 0.01 0.00	53.01 0.11 0.00	79.66 -0.40 0.00	36.64 -0.35 0.00	26.84 -0.25 0.00	36.49 -0.34 0.00	38.33 -0.38 0.00	35.89 -0.53 0.00	35.17 -0.61 0.00	34.23 -0.72 0.00	33.11 -0.80 0.00	33.60 -0.84 0.00	41.05 -0.79 0.00	47.50 -0.87 1.13	49.79 -0.52 0.81	62.82 -0.11 0.00	115.64 0.07 0.00	49.73 0.07 0.00	42.86 0.06 0.00
MAPLEWOD_115KV_TB3 80458	47.10 1.09 0.00	33.58 0.94 0.00	29.17 0.84 0.00	37.18 1.02 0.00	37.66 0.94 0.00	39.24 1.03 0.00	54.14 1.24 0.00	81.75 1.69 0.00	37.90 0.91 0.00	27.68 0.60 0.00	37.49 0.66 0.00	39.59 0.87 0.00	37.39 0.97 0.00	36.78 1.00 0.00	35.98 1.04 0.00	34.94 1.02 0.00	35.44 1.00 0.00	43.14 1.30 0.00	51.05 1.54 0.00	52.81 1.69 0.00	64.72 1.79 0.00	118.78 3.21 0.00	51.05 1.39 0.00	44.00 1.21 0.00
MAPLE_RIDGE_WT_1 323574	45.50 -0.51 0.00	32.23 -0.42 0.00	27.95 -0.39 0.00	35.74 -0.42 0.00	36.37 -0.35 0.00	37.88 -0.34 0.00	52.68 -0.22 0.00	79.65 -0.40 0.00	36.76 -0.23 0.00	26.92 -0.16 0.00	36.63 -0.21 0.00	38.46 -0.25 0.00	36.12 -0.30 0.00	35.43 -0.35 0.00	34.63 -0.32 0.00	33.60 -0.31 0.00	34.14 -0.30 0.00	41.53 -0.31 0.00	49.10 -0.41 0.00	50.70 -0.43 0.00	62.49 -0.44 0.00	114.80 -0.76 0.00	49.33 -0.33 0.00	42.47 -0.32 0.00
MAPLE_RIDGE_WT_2 323611	45.50 -0.51 0.00	32.23 -0.42 0.00	27.95 -0.39 0.00	35.74 -0.42 0.00	36.37 -0.35 0.00	37.88 -0.34 0.00	52.68 -0.22 0.00	79.65 -0.40 0.00	36.76 -0.23 0.00	26.92 -0.16 0.00	36.63 -0.21 0.00	38.46 -0.25 0.00	36.12 -0.30 0.00	35.43 -0.35 0.00	34.63 -0.32 0.00	33.60 -0.31 0.00	34.14 -0.30 0.00	41.53 -0.31 0.00	49.10 -0.41 0.00	50.70 -0.43 0.00	62.49 -0.44 0.00	114.80 -0.76 0.00	49.33 -0.33 0.00	42.47 -0.32 0.00
MARBLE_RIVER_WT_PWR 323696	45.87 -0.13 0.00	32.41 -0.23 0.00	28.17 -0.16 0.00	36.16 0.00 0.00	36.73 0.01 0.00	38.14 -0.07 0.00	52.84 -0.05 0.00	79.08 -0.98 0.00	36.45 -0.54 0.00	26.82 -0.27 0.00	36.39 -0.45 0.00	38.32 -0.39 0.00	35.94 -0.48 0.00	35.23 -0.55 0.00	34.33 -0.61 0.00	33.25 -0.66 0.00	33.78 -0.67 0.00	41.23 -0.61 0.00	48.14 -0.79 0.58	50.11 -0.60 0.41	62.56 -0.38 0.00	115.26 -0.31 0.00	49.67 0.01 0.00	42.83 0.04 0.00
MARSHVLE_115KV_TB1 80742	48.15 2.15 0.00	33.97 1.33 0.00	29.43 1.10 0.00	37.54 1.38 0.00	38.20 1.47 0.00	39.83 1.61 0.00	55.76 2.86 0.00	84.35 4.29 0.00	38.44 1.46 0.00	28.07 0.99 0.00	38.05 1.22 0.00	39.84 1.13 0.00	37.28 0.85 0.00	36.56 0.79 0.00	35.67 0.73 0.00	34.68 0.77 0.00	35.25 0.81 0.00	42.80 0.96 0.00	51.14 1.63 0.00	53.53 2.40 0.00	65.91 2.97 0.00	121.43 5.86 0.00	52.11 2.45 0.00	44.75 1.96 0.00
MARSH_HILL_WT_PWR 323713	44.26 -1.74 0.00	31.21 -1.44 0.00	26.99 -1.35 0.00	34.41 -1.75 0.00	35.05 -1.67 0.00	36.65 -1.57 0.00	50.51 -2.40 0.00	78.00 -2.06 0.00	36.09 -0.90 0.00	26.50 -0.58 0.00	36.50 -0.33 0.00	37.61 -1.10 0.00	35.15 -1.26 0.00	34.74 -1.03 0.00	34.02 -0.92 0.00	33.21 -0.70 0.00	33.84 -0.60 0.00	40.05 -1.79 0.00	48.12 -1.39 0.00	51.30 0.17 0.00	63.68 0.75 0.00	116.54 0.97 0.00	49.92 0.26 0.00	43.09 0.30 0.00
MCINTYRE_115KV_TB2 80467	46.45 0.45 0.00	32.80 0.16 0.00	28.38 0.04 0.00	36.39 0.23 0.00	37.17 0.44 0.00	38.79 0.57 0.00	53.74 0.84 0.00	80.65 0.60 0.00	36.69 -0.30 0.00	26.62 -0.47 0.00	36.18 -0.65 0.00	38.07 -0.65 0.00	35.65 -0.78 0.00	34.97 -0.81 0.00	34.11 -0.84 0.00	33.05 -0.87 0.00	33.57 -0.88 0.00	40.96 -0.88 0.00	46.40 -1.18 1.93	49.18 -0.56 1.39	63.00 0.07 0.00	115.60 0.04 0.00	49.66 0.00 0.00	42.75 -0.05 0.00
MECO____69_KV_BK1 80468	48.56 2.55 0.00	34.36 1.72 0.00	29.80 1.47 0.00	38.00 1.84 0.00	38.65 1.92 0.00	40.37 2.15 0.00	56.27 3.37 0.00	85.01 4.95 0.00	38.20 1.21 0.00	27.82 0.74 0.00	37.84 1.00 0.00	39.70 0.99 0.00	36.98 0.55 0.00	36.52 0.74 0.00	35.61 0.67 0.00	34.69 0.78 0.00	35.34 0.89 0.00	43.37 1.54 0.00	52.18 2.68 0.00	54.62 3.49 0.00	67.26 4.33 0.00	123.45 7.88 0.00	52.89 3.23 0.00	45.41 2.61 0.00
MENANDS__115KV_TB5 355628	46.87 0.87 0.00	33.45 0.81 0.00	29.06 0.73 0.00	37.02 0.86 0.00	37.51 0.78 0.00	39.07 0.86 0.00	53.90 1.00 0.00	81.38 1.33 0.00	37.75 0.76 0.00	27.60 0.52 0.00	37.42 0.58 0.00	39.49 0.77 0.00	37.27 0.85 0.00	36.68 0.90 0.00	35.90 0.95 0.00	34.84 0.93 0.00	35.34 0.89 0.00	42.97 1.13 0.00	50.82 1.32 0.00	52.53 1.40 0.00	64.36 1.43 0.00	118.16 2.59 0.00	50.77 1.11 0.00	43.79 1.00 0.00

MG INDUSTRY___DRP 24185	46.96 0.96 0.00	33.50 0.86 0.00	29.11 0.78 0.00	37.09 0.93 0.00	37.61 0.89 0.00	39.15 0.93 0.00	54.07 1.17 0.00	81.73 1.67 0.00	37.83 0.84 0.00	27.56 0.48 0.00	37.43 0.59 0.00	39.39 0.68 0.00	37.17 0.75 0.00	36.61 0.84 0.00	35.83 0.89 0.00	34.65 0.73 0.00	35.12 0.67 0.00	42.60 0.76 0.00	50.55 1.04 0.00	52.37 1.24 0.00	64.19 1.26 0.00	117.67 2.11 0.00	50.64 0.98 0.00	43.70 0.90 0.00
MID___OSWEGATCHIE_HYD 23849	44.18 -1.83 0.00	31.18 -1.46 0.00	26.88 -1.45 0.00	34.67 -1.49 0.00	35.58 -1.14 0.00	37.16 -1.05 0.00	51.74 -1.16 0.00	78.19 -1.86 0.00	35.67 -1.32 0.00	25.84 -1.24 0.00	34.82 -2.01 0.00	36.25 -2.46 0.00	33.78 -2.64 0.00	32.88 -2.89 0.00	32.24 -2.70 0.00	31.19 -2.72 0.00	31.84 -2.61 0.00	39.02 -2.82 0.00	41.53 -3.50 4.48	44.82 -3.09 3.22	60.08 -2.86 0.00	109.58 -5.99 0.00	46.89 -2.77 0.00	40.17 -2.62 0.00
MID___RAQUETTE_HYD 23851	44.74 -1.26 0.00	31.59 -1.05 0.00	27.33 -1.00 0.00	35.06 -1.10 0.00	35.80 -0.92 0.00	37.31 -0.91 0.00	51.75 -1.15 0.00	77.86 -2.20 0.00	35.61 -1.38 0.00	25.96 -1.12 0.00	35.24 -1.60 0.00	37.00 -1.71 0.00	34.63 -1.79 0.00	33.92 -1.86 0.00	33.11 -1.84 0.00	32.06 -1.85 0.00	32.60 -1.84 0.00	39.80 -2.04 0.00	44.69 -2.53 2.29	47.12 -2.35 1.65	60.58 -2.35 0.00	111.18 -4.38 0.00	47.75 -1.91 0.00	41.09 -1.71 0.00
MILLIKEN___1 23584	46.51 0.50 0.00	32.97 0.33 0.00	28.61 0.28 0.00	36.50 0.34 0.00	37.07 0.35 0.00	38.74 0.53 0.00	53.82 0.92 0.00	82.06 2.01 0.00	37.79 0.80 0.00	27.65 0.56 0.00	37.53 0.70 0.00	39.11 0.40 0.00	36.78 0.36 0.00	35.97 0.20 0.00	35.11 0.17 0.00	34.15 0.23 0.00	34.67 0.23 0.00	42.21 0.37 0.00	50.26 0.75 0.00	52.35 1.22 0.00	64.65 1.71 0.00	118.31 2.74 0.00	50.73 1.07 0.00	43.68 0.88 0.00
MILLIKEN___2 23585	46.51 0.50 0.00	32.97 0.33 0.00	28.61 0.28 0.00	36.50 0.34 0.00	37.07 0.35 0.00	38.74 0.53 0.00	53.82 0.92 0.00	82.06 2.01 0.00	37.79 0.80 0.00	27.65 0.56 0.00	37.53 0.70 0.00	39.11 0.40 0.00	36.78 0.36 0.00	35.97 0.20 0.00	35.11 0.17 0.00	34.15 0.23 0.00	34.67 0.23 0.00	42.21 0.37 0.00	50.26 0.75 0.00	52.35 1.22 0.00	64.65 1.71 0.00	118.31 2.74 0.00	50.73 1.07 0.00	43.68 0.88 0.00
MILLIKEN___DIESEL 23629	46.51 0.50 0.00	32.97 0.33 0.00	28.61 0.28 0.00	36.50 0.34 0.00	37.07 0.35 0.00	38.74 0.53 0.00	53.82 0.92 0.00	82.06 2.01 0.00	37.79 0.80 0.00	27.65 0.56 0.00	37.53 0.70 0.00	39.11 0.40 0.00	36.78 0.36 0.00	35.97 0.20 0.00	35.11 0.17 0.00	34.15 0.23 0.00	34.67 0.23 0.00	42.21 0.37 0.00	50.26 0.75 0.00	52.35 1.22 0.00	64.65 1.71 0.00	118.31 2.74 0.00	50.73 1.07 0.00	43.68 0.88 0.00
MILLSEAT___LFGE 323607	44.28 -1.72 0.00	31.07 -1.57 0.00	26.91 -1.42 0.00	34.47 -1.69 0.00	35.10 -1.62 0.00	36.93 -1.28 0.00	50.97 -1.93 0.00	79.18 -0.87 0.00	36.65 -0.34 0.00	27.09 0.01 0.00	37.25 0.42 0.00	38.69 -0.02 0.00	36.25 -0.17 0.00	35.48 -0.29 0.00	34.57 -0.38 0.00	33.54 -0.36 0.00	33.73 -0.72 0.00	39.88 -1.96 0.00	47.43 -2.08 0.00	50.32 -0.81 0.00	62.23 -0.70 0.00	114.04 -1.53 0.00	49.24 -0.42 0.00	42.21 -0.58 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.70 1.70 0.00	33.84 1.20 0.00	29.33 1.00 0.00	37.31 1.15 0.00	37.88 1.16 0.00	39.61 1.40 0.00	54.83 1.93 0.00	83.58 3.53 0.00	38.89 1.90 0.00	28.36 1.28 0.00	38.69 1.86 0.00	40.73 2.02 0.00	38.55 2.13 0.00	37.96 2.19 0.00	37.08 2.14 0.00	36.01 2.10 0.00	36.63 2.19 0.00	44.49 2.66 0.00	52.59 3.08 0.00	54.46 3.33 0.00	66.27 3.34 0.00	120.44 4.88 0.00	51.61 1.96 0.00	44.66 1.87 0.00
MILLWOOD_13_KV_LOAD 356217	47.77 1.77 0.00	33.90 1.26 0.00	29.38 1.04 0.00	37.36 1.20 0.00	37.93 1.21 0.00	39.68 1.46 0.00	54.93 2.03 0.00	83.75 3.69 0.00	38.96 1.97 0.00	28.40 1.32 0.00	38.76 1.92 0.00	40.79 2.08 0.00	38.61 2.19 0.00	38.02 2.24 0.00	37.13 2.19 0.00	36.06 2.15 0.00	36.68 2.24 0.00	44.56 2.72 0.00	52.68 3.18 0.00	54.56 3.44 0.00	66.41 3.47 0.00	120.68 5.11 0.00	51.72 2.06 0.00	44.74 1.94 0.00
MODEL_CITY_ENERGY 24167	42.68 -3.32 0.00	29.93 -2.71 0.00	25.90 -2.44 0.00	33.18 -2.98 0.00	33.78 -2.94 0.00	35.48 -2.74 0.00	48.69 -4.21 0.00	75.74 -4.32 0.00	35.15 -1.84 0.00	26.13 -0.96 0.00	36.08 -0.76 0.00	37.53 -1.19 0.00	35.19 -1.23 0.00	34.50 -1.28 0.00	33.71 -1.24 0.00	32.71 -1.20 0.00	32.96 -1.49 0.00	38.64 -3.20 0.00	45.77 -3.74 0.00	48.35 -2.77 0.00	59.68 -3.26 0.00	109.55 -6.02 0.00	47.47 -2.19 0.00	40.72 -2.07 0.00
MODERN_LFGE___ 323580	42.68 -3.32 0.00	29.93 -2.71 0.00	25.90 -2.44 0.00	33.18 -2.98 0.00	33.78 -2.94 0.00	35.48 -2.74 0.00	48.69 -4.21 0.00	75.74 -4.32 0.00	35.15 -1.84 0.00	26.13 -0.96 0.00	36.08 -0.76 0.00	37.53 -1.19 0.00	35.19 -1.23 0.00	34.50 -1.28 0.00	33.71 -1.24 0.00	32.71 -1.20 0.00	32.96 -1.49 0.00	38.64 -3.20 0.00	45.77 -3.74 0.00	48.35 -2.77 0.00	59.68 -3.26 0.00	109.55 -6.02 0.00	47.47 -2.19 0.00	40.72 -2.07 0.00
MOHAWK_PAPER___DRP 24187	47.10 1.09 0.00	33.58 0.94 0.00	29.17 0.84 0.00	37.18 1.02 0.00	37.66 0.94 0.00	39.24 1.03 0.00	54.14 1.24 0.00	81.75 1.69 0.00	37.90 0.91 0.00	27.68 0.60 0.00	37.49 0.66 0.00	39.59 0.87 0.00	37.39 0.97 0.00	36.78 1.00 0.00	35.98 1.04 0.00	34.94 1.02 0.00	35.44 1.00 0.00	43.14 1.30 0.00	51.05 1.54 0.00	52.81 1.69 0.00	64.72 1.79 0.00	118.78 3.21 0.00	51.05 1.39 0.00	44.00 1.21 0.00
MOHICAN_35_KV_115KV_LD 80490	48.71 2.70 0.00	34.62 1.98 0.00	30.08 1.75 0.00	38.21 2.06 0.00	38.61 1.89 0.00	40.08 1.86 0.00	54.97 2.07 0.00	82.29 2.23 0.00	37.98 0.99 0.00	27.66 0.58 0.00	37.50 0.67 0.00	39.59 0.88 0.00	37.30 0.88 0.00	36.69 0.92 0.00	35.95 1.01 0.00	34.86 0.95 0.00	35.37 0.93 0.00	43.42 1.58 0.00	51.73 2.23 0.00	53.65 2.53 0.00	65.84 2.90 0.00	121.23 5.67 0.00	52.02 2.36 0.00	44.73 1.94 0.00
MONGAUP___HYD 23641	48.12 2.12 0.00	34.12 1.48 0.00	29.58 1.25 0.00	37.65 1.49 0.00	38.36 1.64 0.00	40.03 1.81 0.00	55.46 2.55 0.00	84.33 4.28 0.00	38.83 1.84 0.00	28.10 1.01 0.00	38.28 1.45 0.00	40.34 1.62 0.00	38.08 1.66 0.00	37.45 1.67 0.00	36.58 1.63 0.00	35.53 1.62 0.00	36.16 1.71 0.00	44.28 2.44 0.00	52.14 2.63 0.00	54.64 3.52 0.00	66.84 3.91 0.00	122.01 6.45 0.00	52.38 2.72 0.00	45.16 2.36 0.00
MONTAUK___DIESEL 23721	46.86 0.85 0.00	33.29 0.65 0.00	29.08 0.75 0.00	37.24 1.08 0.00	37.82 1.10 0.00	39.65 1.43 0.00	56.73 1.30 -2.52	71.37 3.21 11.90	40.86 2.13 -1.74	28.98 1.90 0.00	46.65 3.14 -6.68	43.09 3.71 -0.66	39.84 3.42 0.00	38.11 2.33 0.00	36.79 1.85 0.00	36.24 2.33 0.00	36.64 2.20 0.00	44.72 2.65 -0.23	54.45 2.93 -2.01	60.19 4.21 -4.85	74.58 4.58 -7.07	125.25 6.16 -3.52	35.61 1.37 15.42	30.94 0.19 12.04

MOONROAD_115KV_HARTFLD_TB1-2 355988	44.61 -1.40 0.00	31.26 -1.39 0.00	27.07 -1.27 0.00	34.80 -1.36 0.00	35.01 -1.72 0.00	36.96 -1.26 0.00	50.69 -2.21 0.00	79.10 -0.96 0.00	36.60 -0.40 0.00	27.27 0.18 0.00	37.81 0.97 0.00	39.13 0.41 0.00	36.75 0.33 0.00	35.99 0.22 0.00	35.24 0.29 0.00	34.29 0.37 0.00	34.57 0.13 0.00	40.85 -0.99 0.00	48.76 -0.75 0.00	51.65 0.52 0.00	64.06 1.13 0.00	116.85 1.28 0.00	50.03 0.37 0.00	43.23 0.44 0.00
MORRIS_RIDGE___SOLAR 323848	43.85 -2.15 0.00	30.91 -1.74 0.00	26.73 -1.61 0.00	34.21 -1.95 0.00	34.71 -2.01 0.00	36.40 -1.81 0.00	50.18 -2.73 0.00	77.62 -2.44 0.00	35.84 -1.15 0.00	26.38 -0.71 0.00	36.28 -0.55 0.00	37.46 -1.25 0.00	35.14 -1.28 0.00	34.48 -1.30 0.00	33.75 -1.19 0.00	32.96 -0.95 0.00	33.48 -0.96 0.00	39.66 -2.18 0.00	47.39 -2.12 0.00	50.32 -0.81 0.00	62.33 -0.60 0.00	114.14 -1.43 0.00	48.95 -0.71 0.00	42.25 -0.54 0.00
MORTIMER_115KV_TB3 55949	45.48 -0.52 0.00	32.07 -0.57 0.00	27.80 -0.53 0.00	35.54 -0.62 0.00	36.15 -0.57 0.00	37.93 -0.29 0.00	52.61 -0.29 0.00	80.87 0.82 0.00	37.40 0.41 0.00	27.52 0.44 0.00	37.68 0.84 0.00	39.27 0.55 0.00	36.84 0.42 0.00	36.13 0.36 0.00	35.25 0.30 0.00	34.20 0.29 0.00	34.65 0.21 0.00	41.50 -0.34 0.00	49.26 -0.24 0.00	51.30 0.17 0.00	63.20 0.27 0.00	115.72 0.15 0.00	49.81 0.15 0.00	42.79 -0.01 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.84 1.83 0.00	33.96 1.31 0.00	29.42 1.08 0.00	37.42 1.26 0.00	37.99 1.27 0.00	39.76 1.54 0.00	55.02 2.12 0.00	83.99 3.93 0.00	39.13 2.14 0.00	28.56 1.47 0.00	38.99 2.15 0.00	41.04 2.33 0.00	38.86 2.44 0.00	38.29 2.51 0.00	37.39 2.45 0.00	36.30 2.39 0.00	36.93 2.48 0.00	44.80 2.96 0.00	52.86 3.36 0.00	54.69 3.56 0.00	66.49 3.56 0.00	120.70 5.14 0.00	51.78 2.12 0.00	44.85 2.06 0.00
MUNSVILLE_WIND_PWR 323609	49.36 3.36 0.00	34.97 2.33 0.00	30.22 1.88 0.00	38.32 2.16 0.00	38.89 2.17 0.00	40.49 2.28 0.00	56.83 3.92 0.00	87.14 7.08 0.00	39.69 2.70 0.00	28.87 1.79 0.00	38.88 2.04 0.00	40.44 1.72 0.00	38.02 1.60 0.00	36.73 0.96 0.00	35.43 0.48 0.00	34.19 0.28 0.00	35.21 0.77 0.00	43.25 1.41 0.00	52.56 3.06 0.00	55.70 4.57 0.00	69.15 6.22 0.00	126.73 11.16 0.00	54.21 4.55 0.00	46.63 3.84 0.00
N SALMON___HYD 24042	45.85 -0.15 0.00	32.36 -0.28 0.00	28.12 -0.21 0.00	36.08 -0.07 0.00	36.74 0.02 0.00	38.23 0.01 0.00	53.01 0.10 0.00	79.66 -0.40 0.00	36.64 -0.35 0.00	26.84 -0.25 0.00	36.49 -0.34 0.00	38.33 -0.38 0.00	35.89 -0.53 0.00	35.17 -0.61 0.00	34.23 -0.72 0.00	33.11 -0.80 0.00	33.60 -0.84 0.00	41.05 -0.78 0.00	47.50 -0.87 0.00	49.79 -0.52 0.00	62.82 -0.11 0.00	115.64 0.07 0.00	49.73 0.07 0.00	42.86 0.06 0.00
N.AKRON___115KV_KNAPP 355671	43.95 -2.05 0.00	30.83 -1.82 0.00	26.70 -1.64 0.00	34.20 -1.96 0.00	34.83 -1.90 0.00	36.63 -1.58 0.00	50.45 -2.45 0.00	78.46 -1.59 0.00	36.34 -0.65 0.00	26.92 -0.17 0.00	37.05 0.21 0.00	38.50 -0.21 0.00	36.07 -0.36 0.00	35.31 -0.47 0.00	34.42 -0.52 0.00	33.41 -0.50 0.00	33.63 -0.82 0.00	39.71 -2.13 0.00	47.13 -2.37 0.00	49.94 -1.19 0.00	61.72 -1.21 0.00	113.17 -2.40 0.00	48.89 -0.76 0.00	41.92 -0.87 0.00
N.E_GEN_SANDY PD 24062	45.84 1.52 1.69	33.87 1.23 0.00	29.41 1.08 0.00	37.48 1.32 0.00	37.94 1.22 0.00	46.73 1.35 -7.16	56.13 1.53 -1.69	79.59 2.01 2.48	40.15 1.14 -2.02	28.24 0.80 -0.36	37.84 1.01 0.00	40.09 1.31 -0.07	37.75 1.33 0.00	37.14 1.36 0.00	36.36 1.41 0.00	35.29 1.38 0.00	35.84 1.39 0.00	43.71 1.87 0.00	52.31 2.18 -0.63	53.38 2.25 0.00	63.28 2.35 2.01	121.72 4.35 -1.81	62.27 1.87 -10.74	44.45 1.65 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.75 1.74 0.00	33.84 1.20 0.00	29.32 0.99 0.00	37.29 1.13 0.00	37.87 1.15 0.00	39.61 1.39 0.00	54.85 1.95 0.00	83.65 3.60 0.00	38.92 1.93 0.00	28.37 1.28 0.00	38.71 1.87 0.00	40.73 2.01 0.00	38.56 2.14 0.00	37.98 2.21 0.00	37.11 2.16 0.00	36.03 2.12 0.00	36.68 2.24 0.00	44.55 2.71 0.00	52.67 3.16 0.00	54.56 3.44 0.00	66.39 3.45 0.00	120.58 5.01 0.00	51.64 1.98 0.00	44.70 1.91 0.00
N.QUEENS_27_KV_LOAD 356247	47.77 1.76 0.00	33.95 1.31 0.00	29.31 0.98 0.00	37.29 1.13 0.00	37.85 1.13 0.00	39.65 1.43 0.00	54.93 2.04 0.00	84.15 4.09 0.00	39.21 2.21 -0.01	28.61 1.52 0.00	39.10 2.26 0.00	41.19 2.48 0.00	39.06 2.63 0.00	38.53 2.76 0.00	37.60 2.65 0.00	36.49 2.58 0.00	37.12 2.68 0.00	44.99 3.15 0.00	53.02 3.51 0.00	54.83 3.70 0.00	66.41 3.48 0.00	120.27 4.70 0.00	51.77 2.11 0.00	44.78 1.99 0.00
N.TROY___115KV_TB1 355778	47.38 1.37 0.00	33.77 1.13 0.00	29.34 1.01 0.00	37.39 1.22 0.00	37.84 1.12 0.00	39.41 1.20 0.00	54.25 1.35 0.00	81.72 1.66 0.00	37.86 0.87 0.00	27.67 0.59 0.00	37.51 0.68 0.00	39.66 0.94 0.00	37.37 0.95 0.00	36.77 0.99 0.00	35.99 1.04 0.00	34.95 1.04 0.00	35.48 1.03 0.00	43.27 1.44 0.00	51.23 1.73 0.00	52.97 1.84 0.00	64.93 2.00 0.00	119.43 3.86 0.00	51.33 1.67 0.00	44.23 1.44 0.00
NARROWS_GT1_1 24228	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT1_2 24229	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT1_3 24230	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT1_4 24231	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00

NARROWS_GT1_5 24232	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT1_6 24233	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT1_7 24234	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT1_8 24235	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT2_1 24236	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT2_2 24237	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT2_3 24238	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT2_4 24239	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT2_5 24240	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT2_6 24241	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT2_7 24242	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NARROWS_GT2_8 24243	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.96 3.46 0.00	54.78 3.65 0.00	66.52 3.59 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.60 1.60 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.59 1.43 0.00	38.12 1.40 0.00	39.76 1.55 0.00	55.04 2.14 0.00	83.32 3.27 0.00	38.46 1.47 0.00	27.99 0.90 0.00	37.93 1.10 0.00	39.77 1.06 0.00	37.41 0.99 0.00	36.84 1.06 0.00	36.11 1.17 0.00	35.12 1.21 0.00	35.45 1.00 0.00	43.01 1.17 0.00	51.13 1.62 0.00	53.21 2.08 0.00	65.43 2.50 0.00	119.26 3.69 0.00	51.51 1.85 0.00	44.37 1.57 0.00
NCHELSEA_115KV_TR2 355582	48.06 2.06 0.00	34.10 1.46 0.00	29.57 1.24 0.00	37.64 1.48 0.00	38.21 1.49 0.00	39.97 1.75 0.00	55.34 2.44 0.00	84.25 4.19 0.00	39.10 2.11 0.00	28.48 1.40 0.00	38.86 2.02 0.00	40.95 2.24 0.00	38.69 2.27 0.00	38.05 2.27 0.00	37.14 2.20 0.00	36.11 2.20 0.00	36.77 2.32 0.00	44.74 2.91 0.00	52.96 3.45 0.00	54.90 3.77 0.00	66.94 4.00 0.00	121.73 6.17 0.00	52.16 2.50 0.00	45.05 2.26 0.00
NEG CAPITAL__MECHNVIL 23645	48.06 2.06 0.00	34.20 1.56 0.00	29.71 1.38 0.00	37.84 1.68 0.00	38.32 1.60 0.00	39.90 1.69 0.00	54.98 2.07 0.00	82.72 2.67 0.00	38.21 1.23 0.00	27.88 0.80 0.00	37.85 1.01 0.00	39.98 1.26 0.00	37.67 1.25 0.00	37.04 1.27 0.00	36.26 1.32 0.00	35.19 1.28 0.00	35.75 1.30 0.00	43.65 1.81 0.00	51.84 2.33 0.00	53.70 2.58 0.00	65.88 2.94 0.00	121.03 5.46 0.00	51.94 2.28 0.00	44.68 1.89 0.00

NEG CENTRAL_HIGH_ACRES 23767	45.50 -0.50 0.00	32.12 -0.52 0.00	27.86 -0.48 0.00	35.59 -0.57 0.00	36.21 -0.52 0.00	37.96 -0.25 0.00	52.64 -0.26 0.00	80.74 0.68 0.00	37.32 0.33 0.00	27.47 0.39 0.00	37.58 0.74 0.00	39.18 0.47 0.00	36.79 0.37 0.00	36.09 0.31 0.00	35.17 0.23 0.00	34.11 0.20 0.00	34.60 0.16 0.00	41.56 -0.28 0.00	49.38 -0.13 0.00	51.36 0.23 0.00	63.24 0.30 0.00	115.76 0.19 0.00	49.77 0.11 0.00	42.77 -0.03 0.00
NEG CENTRAL___DRP 24199	45.73 -0.27 0.00	32.40 -0.24 0.00	28.12 -0.22 0.00	35.91 -0.25 0.00	36.47 -0.25 0.00	38.20 -0.01 0.00	52.94 0.04 0.00	80.64 0.59 0.00	37.22 0.23 0.00	27.27 0.19 0.00	37.27 0.43 0.00	38.91 0.19 0.00	36.53 0.12 0.00	35.86 0.09 0.00	34.98 0.04 0.00	34.02 0.11 0.00	34.53 0.09 0.00	41.57 -0.27 0.00	49.54 0.03 0.00	51.72 0.59 0.00	63.78 0.85 0.00	116.59 1.02 0.00	50.02 0.36 0.00	43.13 0.33 0.00
NEG CENTRAL___INDECK 23768	46.34 0.34 0.00	32.61 -0.03 0.00	28.23 -0.10 0.00	36.10 -0.06 0.00	36.75 0.02 0.00	38.68 0.46 0.00	53.70 0.79 0.00	82.99 2.94 0.00	38.25 1.27 0.00	28.01 0.92 0.00	38.28 1.44 0.00	39.56 0.85 0.00	37.10 0.68 0.00	36.28 0.50 0.00	35.48 0.53 0.00	34.47 0.55 0.00	35.07 0.63 0.00	41.96 0.12 0.00	50.30 0.80 0.00	53.06 1.93 0.00	65.82 2.88 0.00	120.33 4.77 0.00	51.59 1.93 0.00	44.31 1.52 0.00
NEG CENTRAL___SENECA 23627	45.76 -0.25 0.00	32.40 -0.24 0.00	28.11 -0.23 0.00	35.92 -0.23 0.00	36.48 -0.24 0.00	38.27 0.05 0.00	52.97 0.06 0.00	80.75 0.69 0.00	37.32 0.33 0.00	27.34 0.26 0.00	37.46 0.63 0.00	39.03 0.32 0.00	36.62 0.20 0.00	35.98 0.20 0.00	35.10 0.16 0.00	34.16 0.25 0.00	34.67 0.22 0.00	41.59 -0.25 0.00	49.65 0.14 0.00	51.98 0.86 0.00	64.13 1.20 0.00	117.07 1.51 0.00	50.22 0.56 0.00	43.34 0.54 0.00
NEG CENTRAL___STATE_STREET 24147	45.90 -0.10 0.00	32.52 -0.12 0.00	28.24 -0.10 0.00	36.03 -0.13 0.00	36.60 -0.11 0.00	38.28 0.06 0.00	53.10 0.20 0.00	80.83 0.78 0.00	37.25 0.26 0.00	27.28 0.20 0.00	37.16 0.32 0.00	38.77 0.06 0.00	36.44 0.02 0.00	35.77 0.00 0.00	34.88 -0.07 0.00	33.91 0.00 0.00	34.41 -0.04 0.00	41.69 -0.15 0.00	49.55 0.04 0.00	51.61 0.49 0.00	63.58 0.65 0.00	116.36 0.80 0.00	49.94 0.28 0.00	43.02 0.22 0.00
NEG MILLWOOD___DRP 24198	48.05 2.05 0.00	34.11 1.46 0.00	29.58 1.24 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.00 1.78 0.00	55.39 2.49 0.00	84.36 4.31 0.00	39.18 2.19 0.00	28.58 1.49 0.00	38.96 2.12 0.00	41.04 2.32 0.00	38.80 2.38 0.00	38.16 2.38 0.00	37.26 2.32 0.00	36.19 2.29 0.00	36.85 2.40 0.00	44.83 2.99 0.00	53.04 3.54 0.00	54.97 3.84 0.00	67.00 4.06 0.00	121.83 6.27 0.00	52.18 2.52 0.00	45.06 2.27 0.00
NEG NORTH_FLCN_SEA 23793	46.38 0.37 0.00	32.78 0.14 0.00	28.45 0.11 0.00	36.42 0.26 0.00	36.92 0.19 0.00	38.31 0.09 0.00	52.91 0.01 0.00	78.88 -1.18 0.00	36.43 -0.56 0.00	26.89 -0.19 0.00	36.43 -0.41 0.00	38.41 -0.30 0.00	36.06 -0.36 0.00	35.33 -0.44 0.00	34.48 -0.46 0.00	33.42 -0.49 0.00	33.95 -0.49 0.00	41.46 -0.38 0.00	48.15 -0.75 0.60	50.14 -0.55 0.43	62.60 -0.33 0.00	115.55 -0.02 0.00	49.91 0.25 0.00	43.06 0.27 0.00
NEG NORTH_KES_CHATAGAY 23792	45.90 -0.11 0.00	32.42 -0.22 0.00	28.19 -0.14 0.00	36.20 0.04 0.00	36.80 0.07 0.00	38.22 0.00 0.00	52.98 0.08 0.00	79.32 -0.74 0.00	36.52 -0.47 0.00	26.82 -0.27 0.00	36.39 -0.45 0.00	38.31 -0.40 0.00	35.93 -0.49 0.00	35.20 -0.58 0.00	34.29 -0.65 0.00	33.20 -0.71 0.00	33.73 -0.72 0.00	41.19 -0.65 0.74	47.96 -0.80 0.53	50.05 -0.55 0.00	62.74 -0.19 0.00	115.62 0.05 0.00	49.81 0.16 0.00	42.96 0.16 0.00
NEG NORTH___ALICE_FALLS 23915	46.39 0.38 0.00	32.78 0.14 0.00	28.46 0.12 0.00	36.47 0.31 0.00	37.00 0.28 0.00	38.45 0.23 0.00	53.18 0.28 0.00	79.51 -0.54 0.00	36.69 -0.30 0.00	26.97 -0.11 0.00	36.50 -0.34 0.00	38.44 -0.28 0.00	36.09 -0.33 0.00	35.34 -0.44 0.00	34.49 -0.46 0.00	33.43 -0.48 0.00	33.96 -0.48 0.00	41.55 -0.28 0.00	48.35 -0.54 0.62	50.46 -0.22 0.45	63.09 0.15 0.00	116.34 0.77 0.00	50.13 0.47 0.00	43.23 0.44 0.00
NEG NORTH___LWR_SARANAC 23913	46.39 0.38 0.00	32.78 0.14 0.00	28.46 0.12 0.00	36.47 0.31 0.00	37.00 0.28 0.00	38.45 0.23 0.00	53.18 0.28 0.00	79.51 -0.54 0.00	36.69 -0.30 0.00	26.97 -0.11 0.00	36.50 -0.34 0.00	38.44 -0.28 0.00	36.09 -0.33 0.00	35.34 -0.44 0.00	34.49 -0.46 0.00	33.43 -0.48 0.00	33.96 -0.48 0.00	41.55 -0.28 0.00	48.35 -0.54 0.62	50.46 -0.22 0.45	63.09 0.15 0.00	116.34 0.77 0.00	50.13 0.47 0.00	43.23 0.44 0.00
NEG NORTH___PLATTSBURG 23628	46.39 0.38 0.00	32.78 0.14 0.00	28.46 0.12 0.00	36.47 0.31 0.00	37.00 0.28 0.00	38.45 0.23 0.00	53.18 0.28 0.00	79.51 -0.54 0.00	36.69 -0.30 0.00	26.97 -0.11 0.00	36.50 -0.34 0.00	38.44 -0.28 0.00	36.09 -0.33 0.00	35.34 -0.44 0.00	34.49 -0.46 0.00	33.43 -0.48 0.00	33.96 -0.48 0.00	41.56 -0.28 0.00	48.35 -0.54 0.62	50.47 -0.21 0.45	63.09 0.15 0.00	116.34 0.78 0.00	50.14 0.47 0.00	43.23 0.44 0.00
NEG WEST_LEA_LOCKPORT 23791	43.14 -2.87 0.00	30.24 -2.40 0.00	26.17 -2.16 0.00	33.54 -2.62 0.00	34.13 -2.59 0.00	35.86 -2.36 0.00	49.25 -3.65 0.00	76.64 -3.42 0.00	35.53 -1.45 0.00	26.41 -0.67 0.00	36.44 -0.39 0.00	37.91 -0.81 0.00	35.53 -0.89 0.00	34.82 -0.96 0.00	34.00 -0.94 0.00	33.00 -0.91 0.00	33.28 -1.17 0.00	39.07 -2.77 0.00	46.32 -3.18 0.00	48.95 -2.18 0.00	60.41 -2.53 0.00	110.91 -4.65 0.00	47.97 -1.69 0.00	41.17 -1.62 0.00
NEG WEST___LANCASTER 23811	43.64 -2.36 0.00	30.64 -2.00 0.00	26.52 -1.81 0.00	34.00 -2.16 0.00	34.51 -2.21 0.00	36.31 -1.90 0.00	49.94 -2.96 0.00	77.56 -2.49 0.00	35.91 -1.08 0.00	26.65 -0.43 0.00	36.82 -0.01 0.00	38.23 -0.48 0.00	35.87 -0.55 0.00	35.20 -0.57 0.00	34.43 -0.51 0.00	33.46 -0.45 0.00	33.84 -0.61 0.00	39.84 -2.00 0.00	47.28 -2.23 0.00	49.87 -1.25 0.00	61.60 -1.34 0.00	112.77 -2.80 0.00	48.50 -1.16 0.00	41.80 -0.99 0.00
NEG_PENN_ALLEGHNY 23528	46.21 0.21 0.00	32.78 0.14 0.00	28.46 0.12 0.00	36.30 0.14 0.00	36.86 0.14 0.00	38.47 0.25 0.00	53.33 0.43 0.00	81.50 1.44 0.00	37.66 0.67 0.00	27.54 0.45 0.00	37.43 0.60 0.00	39.18 0.46 0.00	36.89 0.47 0.00	36.22 0.44 0.00	35.38 0.44 0.00	34.32 0.41 0.00	34.91 0.47 0.00	42.29 0.45 0.00	50.21 0.70 0.00	52.29 1.16 0.00	64.13 1.20 0.00	117.34 1.77 0.00	50.29 0.63 0.00	43.36 0.57 0.00
NEG___GEN_MONROE 24207	45.57 -0.43 0.00	32.10 -0.54 0.00	27.82 -0.51 0.00	35.58 -0.58 0.00	36.20 -0.52 0.00	38.03 -0.19 0.00	52.72 -0.18 0.00	81.20 1.15 0.00	37.55 0.56 0.00	27.61 0.52 0.00	37.80 0.97 0.00	39.41 0.70 0.00	36.93 0.51 0.00	36.19 0.41 0.00	35.28 0.34 0.00	34.23 0.32 0.00	34.64 0.19 0.00	41.42 -0.41 0.00	49.24 -0.26 0.00	51.48 0.36 0.00	63.52 0.59 0.00	116.34 0.77 0.00	50.06 0.39 0.00	42.98 0.19 0.00

NEPA__ENERGY 23901	44.20 -1.81 0.00	31.12 -1.53 0.00	26.96 -1.38 0.00	34.57 -1.59 0.00	34.93 -1.79 0.00	36.77 -1.45 0.00	50.54 -2.36 0.00	78.39 -1.67 0.00	36.37 -0.62 0.00	26.86 -0.22 0.00	37.04 0.21 0.00	38.33 -0.38 0.00	36.08 -0.34 0.00	35.54 -0.23 0.00	34.80 -0.14 0.00	33.89 -0.03 0.00	34.31 -0.13 0.00	40.44 -1.40 0.00	48.14 -1.36 0.00	50.64 -0.48 0.00	62.70 -0.24 0.00	114.43 -1.13 0.00	48.96 -0.70 0.00	42.42 -0.37 0.00
NEVERSINK__HYD 23608	47.95 1.95 0.00	33.99 1.35 0.00	29.46 1.13 0.00	37.52 1.36 0.00	38.13 1.41 0.00	39.88 1.67 0.00	55.26 2.36 0.00	84.27 4.22 0.00	38.97 1.97 0.00	28.31 1.23 0.00	38.75 1.92 0.00	40.55 1.84 0.00	38.29 1.86 0.00	37.55 1.78 0.00	36.64 1.70 0.00	35.66 1.75 0.00	36.44 2.00 0.00	44.35 2.51 0.00	52.69 3.18 0.00	54.69 3.56 0.00	66.77 3.84 0.00	121.39 5.82 0.00	51.94 2.29 0.00	44.85 2.06 0.00
NEWKRMKL_115KV_TB1 55635	46.61 0.61 0.00	33.28 0.64 0.00	28.90 0.57 0.00	36.82 0.66 0.00	37.32 0.59 0.00	38.87 0.65 0.00	53.67 0.77 0.00	81.04 0.98 0.00	37.61 0.62 0.00	27.49 0.41 0.00	37.25 0.42 0.00	39.28 0.57 0.00	37.12 0.70 0.00	36.53 0.76 0.00	35.76 0.81 0.00	34.70 0.79 0.00	35.19 0.74 0.00	42.73 0.89 0.00	50.58 1.08 0.00	52.28 1.16 0.00	64.05 1.12 0.00	117.49 1.93 0.00	50.49 0.83 0.00	43.56 0.76 0.00
NEWTON__FALLS_HYD 23847	44.18 -1.83 0.00	31.18 -1.46 0.00	26.88 -1.45 0.00	34.67 -1.49 0.00	35.58 -1.14 0.00	37.16 -1.05 0.00	51.74 -1.16 0.00	78.19 -1.86 0.00	35.67 -1.32 0.00	25.84 -1.24 0.00	34.82 -2.01 0.00	36.25 -2.46 0.00	33.78 -2.64 0.00	32.88 -2.89 0.00	32.24 -2.70 0.00	31.19 -2.72 0.00	31.84 -2.61 0.00	39.02 -2.82 0.00	41.53 -3.50 4.48	44.82 -3.09 3.22	60.08 -2.86 0.00	109.58 -5.99 0.00	46.89 -2.77 0.00	40.17 -2.62 0.00
NGRID_A1_DSASP 323792	42.54 -3.46 0.00	29.80 -2.84 0.00	25.80 -2.54 0.00	33.05 -3.11 0.00	33.62 -3.10 0.00	35.33 -2.89 0.00	48.44 -4.46 0.00	75.39 -4.67 0.00	34.97 -2.02 0.00	26.05 -1.04 0.00	36.01 -0.82 0.00	37.49 -1.22 0.00	35.17 -1.25 0.00	34.49 -1.29 0.00	33.70 -1.24 0.00	32.73 -1.18 0.00	32.97 -1.48 0.00	38.61 -3.23 0.00	45.66 -3.84 0.00	47.92 -3.20 0.00	59.03 -3.90 0.00	108.47 -7.09 0.00	47.03 -2.63 0.00	40.37 -2.42 0.00
NGRID_A2_DSASP 323793	42.54 -3.46 0.00	29.80 -2.84 0.00	25.80 -2.54 0.00	33.05 -3.11 0.00	33.62 -3.10 0.00	35.33 -2.89 0.00	48.44 -4.46 0.00	75.39 -4.67 0.00	34.97 -2.02 0.00	26.05 -1.04 0.00	36.01 -0.82 0.00	37.49 -1.22 0.00	35.17 -1.25 0.00	34.49 -1.29 0.00	33.70 -1.24 0.00	32.73 -1.18 0.00	32.97 -1.48 0.00	38.61 -3.23 0.00	45.66 -3.84 0.00	47.92 -3.20 0.00	59.03 -3.90 0.00	108.47 -7.09 0.00	47.03 -2.63 0.00	40.37 -2.42 0.00
NGRID_A4_DSASP 323807	42.54 -3.46 0.00	29.80 -2.84 0.00	25.80 -2.54 0.00	33.05 -3.11 0.00	33.62 -3.10 0.00	35.33 -2.89 0.00	48.44 -4.46 0.00	75.39 -4.67 0.00	34.97 -2.02 0.00	26.05 -1.04 0.00	36.01 -0.82 0.00	37.49 -1.22 0.00	35.17 -1.25 0.00	34.49 -1.29 0.00	33.70 -1.24 0.00	32.73 -1.18 0.00	32.97 -1.48 0.00	38.61 -3.23 0.00	45.66 -3.84 0.00	47.92 -3.20 0.00	59.03 -3.90 0.00	108.47 -7.09 0.00	47.03 -2.63 0.00	40.37 -2.42 0.00
NIAGARA_115E_LBMP 323715	42.41 -3.60 0.00	29.74 -2.90 0.00	25.73 -2.60 0.00	32.96 -3.20 0.00	33.56 -3.16 0.00	35.24 -2.97 0.00	48.33 -4.57 0.00	75.18 -4.88 0.00	34.91 -2.08 0.00	25.96 -1.13 0.00	35.85 -0.98 0.00	37.33 -1.39 0.00	35.00 -1.42 0.00	34.31 -1.46 0.00	33.53 -1.42 0.00	32.54 -1.37 0.00	32.79 -1.66 0.00	38.40 -3.44 0.00	45.46 -4.05 0.00	48.01 -3.12 0.00	59.23 -3.70 0.00	108.82 -6.75 0.00	47.16 -2.50 0.00	40.46 -2.33 0.00
NIAGARA_115W_LBMP 323714	42.47 -3.54 0.00	29.76 -2.88 0.00	25.75 -2.59 0.00	33.01 -3.16 0.00	33.57 -3.16 0.00	35.27 -2.95 0.00	48.37 -4.53 0.00	75.24 -4.81 0.00	34.90 -2.09 0.00	26.00 -1.09 0.00	35.94 -0.90 0.00	37.41 -1.30 0.00	35.10 -1.32 0.00	34.42 -1.35 0.00	33.64 -1.30 0.00	32.66 -1.25 0.00	32.91 -1.54 0.00	38.53 -3.31 0.00	45.56 -3.94 0.00	47.78 -3.34 0.00	58.87 -4.07 0.00	108.17 -7.39 0.00	46.90 -2.76 0.00	40.26 -2.53 0.00
NIAGARA_230_LBMP 323716	42.87 -3.14 0.00	30.05 -2.59 0.00	26.01 -2.33 0.00	33.34 -2.82 0.00	33.90 -2.82 0.00	35.60 -2.62 0.00	48.90 -4.00 0.00	75.99 -4.06 0.00	35.22 -1.77 0.00	26.22 -0.87 0.00	36.22 -0.62 0.00	37.69 -1.03 0.00	35.37 -1.06 0.00	34.68 -1.10 0.00	33.91 -1.04 0.00	32.91 -1.01 0.00	33.20 -1.24 0.00	38.95 -2.89 0.00	46.08 -3.42 0.00	48.54 -2.59 0.00	59.86 -3.08 0.00	109.91 -5.65 0.00	47.55 -2.11 0.00	40.88 -1.92 0.00
NIAGARA__115KV_198_GIBSON 55903	42.47 -3.53 0.00	29.75 -2.89 0.00	25.75 -2.59 0.00	33.00 -3.16 0.00	33.56 -3.16 0.00	35.27 -2.95 0.00	48.35 -4.55 0.00	75.24 -4.81 0.00	34.90 -2.09 0.00	26.00 -1.09 0.00	35.94 -0.90 0.00	37.41 -1.30 0.00	35.10 -1.32 0.00	34.42 -1.35 0.00	33.64 -1.30 0.00	32.66 -1.25 0.00	32.91 -1.54 0.00	38.53 -3.31 0.00	45.57 -3.94 0.00	47.80 -3.33 0.00	58.88 -4.06 0.00	108.23 -7.33 0.00	46.91 -2.75 0.00	40.26 -2.53 0.00
NIAGARA__ 23760	42.87 -3.14 0.00	30.05 -2.59 0.00	26.01 -2.33 0.00	33.34 -2.82 0.00	33.90 -2.82 0.00	35.60 -2.62 0.00	48.90 -4.00 0.00	75.99 -4.06 0.00	35.22 -1.77 0.00	26.22 -0.87 0.00	36.22 -0.62 0.00	37.69 -1.03 0.00	35.37 -1.06 0.00	34.68 -1.10 0.00	33.91 -1.04 0.00	32.91 -1.01 0.00	33.20 -1.24 0.00	38.95 -2.89 0.00	46.08 -3.42 0.00	48.54 -2.59 0.00	59.86 -3.08 0.00	109.91 -5.65 0.00	47.55 -2.11 0.00	40.88 -1.92 0.00
NINE_MILE_1 23575	44.35 -1.65 0.00	31.48 -1.17 0.00	27.33 -1.00 0.00	34.86 -1.30 0.00	35.41 -1.31 0.00	36.93 -1.28 0.00	51.16 -1.74 0.00	77.68 -2.38 0.00	35.91 -1.08 0.00	26.32 -0.77 0.00	35.77 -1.07 0.00	37.51 -1.20 0.00	35.28 -1.14 0.00	34.65 -1.13 0.00	33.83 -1.12 0.00	32.84 -1.08 0.00	33.35 -1.10 0.00	40.42 -1.42 0.00	47.88 -1.63 0.00	49.59 -1.53 0.00	61.01 -1.93 0.00	111.84 -3.73 0.00	48.05 -1.61 0.00	41.39 -1.41 0.00
NINE_MILE_2 23744	44.36 -1.65 0.00	31.48 -1.17 0.00	27.33 -1.00 0.00	34.86 -1.30 0.00	35.41 -1.30 0.00	36.93 -1.28 0.00	51.16 -1.74 0.00	77.69 -2.37 0.00	35.91 -1.08 0.00	26.32 -0.77 0.00	35.77 -1.07 0.00	37.51 -1.20 0.00	35.28 -1.14 0.00	34.65 -1.13 0.00	33.83 -1.12 0.00	32.84 -1.08 0.00	33.35 -1.10 0.00	40.42 -1.42 0.00	47.88 -1.63 0.00	49.59 -1.53 0.00	61.01 -1.93 0.00	111.84 -3.73 0.00	48.05 -1.61 0.00	41.39 -1.41 0.00
NM_CAPITAL__DRP 24208	46.76 0.76 0.00	33.38 0.74 0.00	28.99 0.66 0.00	36.93 0.78 0.00	37.42 0.70 0.00	38.99 0.77 0.00	53.80 0.89 0.00	81.20 1.15 0.00	37.68 0.69 0.00	27.55 0.46 0.00	37.34 0.51 0.00	39.40 0.68 0.00	37.20 0.78 0.00	36.60 0.83 0.00	35.83 0.88 0.00	34.77 0.85 0.00	35.26 0.81 0.00	42.86 1.02 0.00	50.69 1.19 0.00	52.40 1.27 0.00	64.19 1.26 0.00	117.83 2.26 0.00	50.64 0.99 0.00	43.68 0.89 0.00

NM_CENTRAL___DRP 24181	45.27 -0.74 0.00	32.10 -0.54 0.00	27.87 -0.47 0.00	35.55 -0.61 0.00	36.12 -0.60 0.00	37.71 -0.51 0.00	52.27 -0.63 0.00	79.46 -0.60 0.00	36.74 -0.25 0.00	26.92 -0.16 0.00	36.62 -0.21 0.00	38.37 -0.35 0.00	36.09 -0.32 0.00	35.42 -0.36 0.00	34.58 -0.37 0.00	33.56 -0.35 0.00	34.09 -0.35 0.00	41.27 -0.57 0.00	49.09 -0.59 -0.18	50.85 -0.41 -0.13	62.40 -0.54 0.00	114.27 -1.30 0.00	49.07 -0.59 0.00	42.24 -0.56 0.00
NM_FRONTIER___DRP 24179	42.47 -3.53 0.00	29.75 -2.89 0.00	25.75 -2.59 0.00	33.00 -3.16 0.00	33.56 -3.16 0.00	35.27 -2.95 0.00	48.35 -4.55 0.00	75.24 -4.81 0.00	34.90 -2.09 0.00	26.00 -1.09 0.00	35.94 -0.90 0.00	37.41 -1.30 0.00	35.10 -1.32 0.00	34.42 -1.35 0.00	33.64 -1.30 0.00	32.66 -1.25 0.00	32.91 -1.54 0.00	38.53 -3.31 0.00	45.57 -3.94 0.00	47.80 -3.33 0.00	58.88 -4.06 0.00	108.23 -7.33 0.00	46.91 -2.75 0.00	40.26 -2.53 0.00
NM_ST_REGIS___HYD 24053	45.04 -0.97 0.00	31.80 -0.84 0.00	27.54 -0.79 0.00	35.35 -0.81 0.00	36.05 -0.67 0.00	37.57 -0.65 0.00	52.10 -0.81 0.00	78.33 -1.73 0.00	35.88 -1.11 0.00	26.18 -0.90 0.00	35.55 -1.29 0.00	37.33 -1.38 0.00	34.94 -1.48 0.00	34.22 -1.56 0.00	33.38 -1.57 0.00	32.31 -1.60 0.00	32.84 -1.60 0.00	40.10 -1.74 2.05	45.33 -2.12 1.48	47.76 -1.89 0.00	61.19 -1.74 0.00	112.41 -3.16 0.00	48.30 -1.36 0.00	41.57 -1.22 0.00
NORTHPORT___1 23551	47.12 1.12 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.41 1.25 0.00	37.86 1.14 0.00	39.27 1.05 0.00	31.88 0.66 21.69	39.05 1.58 42.59	29.20 1.38 9.17	28.40 1.32 0.00	45.59 2.16 -6.60	41.84 2.47 -0.65	38.90 2.48 0.00	38.05 2.27 0.00	37.16 2.21 0.00	36.07 2.16 0.00	36.02 1.57 0.00	27.00 1.69 16.52	29.10 1.97 22.38	28.06 2.46 25.53	28.01 2.23 37.15	75.97 2.16 41.75	28.03 0.76 22.39	29.74 0.78 13.83
NORTHPORT___2 23552	47.12 1.12 0.00	33.95 1.31 0.00	29.48 1.15 0.00	37.41 1.25 0.00	37.86 1.14 0.00	39.27 1.05 0.00	31.88 0.66 21.69	39.05 1.58 42.59	29.20 1.38 9.17	28.40 1.32 0.00	45.59 2.16 -6.60	41.84 2.47 -0.65	38.90 2.48 0.00	38.05 2.27 0.00	37.16 2.21 0.00	36.07 2.16 0.00	36.02 1.57 0.00	27.00 1.69 16.52	29.10 1.97 22.38	28.06 2.46 25.53	28.01 2.23 37.15	75.97 2.16 41.75	28.03 0.76 22.39	29.74 0.78 13.83
NORTHPORT___3 23553	47.11 1.10 0.00	33.95 1.31 0.00	29.48 1.14 0.00	37.41 1.25 0.00	37.85 1.13 0.00	39.25 1.03 0.00	40.27 0.67 13.30	49.64 1.57 31.98	32.98 1.37 5.39	28.39 1.31 0.00	45.61 2.15 -6.62	41.83 2.45 -0.66	38.90 2.48 0.00	38.05 2.28 0.00	37.16 2.22 0.00	36.07 2.16 0.00	36.02 1.57 0.00	32.79 1.68 10.72	37.53 1.96 13.93	38.56 2.43 15.00	43.32 2.22 21.83	91.66 2.16 26.06	30.40 0.75 20.00	30.32 0.76 13.23
NORTHPORT___4 23650	47.11 1.10 0.00	33.95 1.31 0.00	29.48 1.14 0.00	37.41 1.25 0.00	37.85 1.13 0.00	39.25 1.03 0.00	40.27 0.67 13.30	49.64 1.57 31.98	32.98 1.37 5.39	28.39 1.31 0.00	45.61 2.15 -6.62	41.83 2.45 -0.66	38.90 2.48 0.00	38.05 2.28 0.00	37.16 2.22 0.00	36.07 2.16 0.00	36.02 1.57 0.00	32.79 1.68 10.72	37.53 1.96 13.93	38.56 2.43 15.00	43.32 2.22 21.83	91.66 2.16 26.06	30.40 0.75 20.00	30.32 0.76 13.23
NORTHPORT___IC 23718	47.12 1.11 0.00	33.95 1.30 0.00	29.48 1.15 0.00	37.40 1.24 0.00	37.86 1.14 0.00	39.27 1.05 0.00	31.92 0.71 21.69	39.05 1.58 42.59	29.20 1.38 9.16	28.41 1.33 0.00	45.59 2.16 -6.60	41.84 2.47 -0.65	38.90 2.48 0.00	38.05 2.27 0.00	37.16 2.22 0.00	36.08 2.16 0.00	36.02 1.57 0.00	27.01 1.70 16.52	29.11 1.98 22.38	28.06 2.46 25.53	28.01 2.23 37.15	75.92 2.10 41.75	28.02 0.75 22.39	29.77 0.81 13.83
NORTH___COUNTRY_ESR 323785	45.80 -0.20 0.00	32.35 -0.29 0.00	28.14 -0.19 0.00	36.14 -0.02 0.00	36.73 0.00 0.00	38.13 -0.09 0.00	52.87 -0.03 0.00	79.10 -0.95 0.00	36.45 -0.54 0.00	26.81 -0.27 0.00	36.39 -0.45 0.00	38.31 -0.40 0.00	35.92 -0.50 0.00	35.19 -0.58 0.00	34.29 -0.65 0.00	33.20 -0.71 0.00	33.73 -0.72 0.00	41.18 -0.66 0.00	47.95 -0.81 0.74	49.97 -0.62 0.54	62.57 -0.36 0.00	115.29 -0.27 0.00	49.70 0.04 0.00	42.85 0.05 0.00
NPX_GEN_1385_PROXY 323591	47.12 1.12 0.00	33.79 1.31 0.15	29.48 1.15 0.00	37.41 1.25 0.00	37.86 1.14 0.00	39.27 1.05 0.00	31.88 0.66 21.69	39.05 1.58 42.59	29.20 1.38 9.17	28.40 1.32 0.00	45.59 2.16 -6.60	41.84 2.47 -0.65	38.90 2.48 0.00	38.05 2.27 0.00	37.16 2.21 0.00	36.07 2.16 0.00	36.02 1.57 0.00	27.00 1.69 16.52	29.10 1.97 22.38	27.17 2.46 26.42	28.01 2.23 37.15	75.97 2.16 41.75	28.03 0.76 22.39	29.74 0.78 13.83
NPX_GEN_CSC 323557	47.51 1.51 0.00	33.72 1.23 0.15	29.46 1.12 0.00	37.38 1.22 0.00	37.82 1.10 0.00	39.49 1.28 0.00	56.06 0.60 -2.55	69.37 1.20 11.88	40.08 1.34 -1.75	28.47 1.38 0.00	45.94 2.43 -6.68	42.34 2.97 -0.66	39.00 2.58 0.00	37.93 2.16 0.00	36.90 1.95 0.00	36.07 2.16 0.00	36.08 1.64 0.00	43.79 1.70 -0.25	53.28 1.74 -2.04	57.58 2.46 -4.00	72.38 2.33 -7.11	121.71 2.58 -3.57	34.96 0.72 15.42	31.58 0.83 12.05
NSINS_S___GLNS_FALLS 23858	48.69 2.68 0.00	34.61 1.96 0.00	30.06 1.72 0.00	38.17 2.01 0.00	38.56 1.83 0.00	39.99 1.77 0.00	54.87 1.98 0.00	82.14 2.08 0.00	37.92 0.93 0.00	27.62 0.53 0.00	37.46 0.62 0.00	39.54 0.83 0.00	37.25 0.83 0.00	36.65 0.87 0.00	35.88 0.94 0.00	34.80 0.88 0.00	35.31 0.86 0.00	43.32 1.48 0.00	51.61 2.11 0.00	53.54 2.41 0.00	65.68 2.75 0.00	120.98 5.41 0.00	51.89 2.23 0.00	44.61 1.82 0.00
NUCOR_STEEL___DRP 24197	45.87 -0.13 0.00	32.49 -0.15 0.00	28.21 -0.12 0.00	36.00 -0.15 0.00	36.57 -0.15 0.00	38.24 0.02 0.00	53.04 0.14 0.00	80.75 0.69 0.00	37.21 0.22 0.00	27.26 0.17 0.00	37.12 0.28 0.00	38.73 0.02 0.00	36.40 -0.02 0.00	35.74 -0.04 0.00	34.85 -0.10 0.00	33.87 -0.04 0.00	34.38 -0.07 0.00	41.67 -0.17 0.00	49.50 0.00 0.00	51.54 0.41 0.00	63.45 0.52 0.00	116.22 0.65 0.00	49.87 0.21 0.00	42.94 0.15 0.00
NUMBER_THREE_WT_PWR 323818	44.69 -1.32 0.00	31.53 -1.11 0.00	27.05 -1.29 0.00	35.07 -1.09 0.00	36.22 -0.50 0.00	37.87 -0.35 0.00	52.90 0.00 0.00	80.34 0.28 0.00	36.60 -0.39 0.00	26.43 -0.66 0.00	35.44 -1.40 0.00	36.61 -2.10 0.00	34.02 -2.40 0.00	33.00 -2.78 0.00	32.49 -2.45 0.00	31.46 -2.46 0.00	32.24 -2.21 0.00	39.64 -2.20 0.00	38.69 -2.79 8.02	43.10 -2.26 5.78	61.31 -1.63 0.00	111.30 -4.27 0.00	47.40 -2.26 0.00	40.44 -2.35 0.00
NYISO_LBMP_REFERENCE 24008	46.00 0.00 0.00	32.64 0.00 0.00	28.34 0.00 0.00	36.16 0.00 0.00	36.72 0.00 0.00	38.22 0.00 0.00	52.90 0.00 0.00	80.06 0.00 0.00	36.99 0.00 0.00	27.08 0.00 0.00	36.83 0.00 0.00	38.71 0.00 0.00	36.42 0.00 0.00	35.78 0.00 0.00	34.94 0.00 0.00	33.91 0.00 0.00	34.45 0.00 0.00	41.84 0.00 0.00	49.51 0.00 0.00	51.13 0.00 0.00	62.94 0.00 0.00	115.57 0.00 0.00	49.66 0.00 0.00	42.79 0.00 0.00

NYPA_BRENTWD____GT 24164	47.64 1.63 0.00	34.24 1.60 0.00	29.73 1.40 0.00	37.72 1.56 0.00	38.20 1.48 0.00	39.73 1.52 0.00	56.51 1.38 -2.23	70.89 2.70 11.86	40.49 1.91 -1.59	28.73 1.64 0.00	46.22 2.57 -6.81	42.37 2.98 -0.67	39.25 2.83 0.00	38.37 2.59 0.00	37.42 2.47 0.00	36.36 2.45 0.00	36.43 1.99 0.00	44.11 2.20 -0.07	53.87 2.64 -1.73	58.79 3.22 -4.44	72.41 3.01 -6.46	122.70 4.12 -3.01	36.14 1.54 15.06	32.52 1.45 11.73
NYPA_GOWANUS____GT5 24156	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.71 4.66 0.00	39.54 2.54 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.95 3.44 0.00	54.76 3.63 0.00	66.51 3.57 0.00	120.60 5.04 0.00	52.00 2.35 0.00	45.07 2.28 0.00
NYPA_GOWANUS____GT6 24157	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.02 1.80 0.00	55.39 2.49 0.00	84.71 4.66 0.00	39.54 2.54 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.81 0.00	37.70 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.11 3.27 0.00	52.95 3.44 0.00	54.76 3.63 0.00	66.51 3.57 0.00	120.60 5.04 0.00	52.00 2.35 0.00	45.07 2.28 0.00
NYPA_HARLEM__RVR__GT1 24160	47.73 1.73 0.00	33.92 1.28 0.00	29.30 0.97 0.00	37.29 1.13 0.00	37.85 1.13 0.00	39.64 1.43 0.00	54.88 1.99 0.01	84.00 3.94 0.00	39.14 2.15 -0.01	28.57 1.48 0.00	39.05 2.21 0.00	41.14 2.42 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.53 2.58 0.00	36.43 2.51 0.00	37.06 2.61 0.00	44.91 3.07 0.00	52.89 3.38 0.00	54.70 3.57 0.00	66.28 3.35 0.00	120.13 4.56 0.00	51.72 2.06 0.00	44.76 1.97 0.00
NYPA_HARLEM__RVR__GT2 24161	47.73 1.73 0.00	33.92 1.28 0.00	29.30 0.97 0.00	37.29 1.13 0.00	37.85 1.13 0.00	39.64 1.43 0.00	54.88 1.99 0.01	84.00 3.94 0.00	39.14 2.15 -0.01	28.57 1.48 0.00	39.05 2.21 0.00	41.14 2.42 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.53 2.58 0.00	36.43 2.51 0.00	37.06 2.61 0.00	44.91 3.07 0.00	52.89 3.38 0.00	54.70 3.57 0.00	66.28 3.35 0.00	120.13 4.56 0.00	51.72 2.06 0.00	44.76 1.97 0.00
NYPA_KENT____GT 24152	48.03 2.03 0.00	34.09 1.45 0.00	29.52 1.18 0.00	37.56 1.40 0.00	38.13 1.41 0.00	39.93 1.71 0.00	55.23 2.33 0.00	84.48 4.42 0.00	39.42 2.42 -0.01	28.74 1.65 0.00	39.25 2.41 0.00	41.28 2.57 0.00	39.08 2.66 0.00	38.54 2.76 0.00	37.64 2.70 0.00	36.54 2.63 0.00	37.19 2.74 0.00	45.05 3.21 0.00	52.93 3.42 0.00	54.74 3.61 0.00	66.46 3.52 0.00	120.58 5.02 0.00	51.93 2.27 0.00	45.00 2.21 0.00
NYPA_POUCH1____GT 24155	48.28 2.28 0.00	34.29 1.65 0.00	29.70 1.36 0.00	37.79 1.63 0.00	38.37 1.65 0.00	40.17 1.95 0.00	55.63 2.73 0.00	84.95 4.89 0.00	39.65 2.65 -0.01	28.83 1.74 0.00	39.25 2.42 0.00	41.23 2.52 0.00	39.01 2.59 0.00	38.48 2.70 0.00	37.61 2.66 0.00	36.51 2.60 0.00	37.16 2.71 0.00	44.97 3.12 0.00	52.63 3.27 0.14	54.56 3.44 0.00	66.27 3.33 0.00	120.08 4.51 0.00	51.84 2.18 0.00	44.94 2.14 0.00
NYPA_VERNON____GT2 24162	47.90 1.90 0.00	34.01 1.37 0.00	29.45 1.12 0.00	37.47 1.31 0.00	38.05 1.33 0.00	39.84 1.63 0.00	55.12 2.22 0.00	84.30 4.25 0.00	39.31 2.32 -0.01	28.68 1.59 0.00	39.19 2.35 0.00	41.23 2.51 0.00	39.03 2.62 0.00	38.49 2.71 0.00	37.58 2.63 0.00	36.48 2.57 0.00	37.12 2.68 0.00	44.99 3.15 0.00	52.95 3.44 0.00	54.74 3.62 0.00	66.46 3.53 0.00	120.59 5.02 0.00	51.86 2.20 0.00	44.94 2.15 0.00
NYPA_VERNON____GT3 24163	47.90 1.90 0.00	34.01 1.37 0.00	29.45 1.12 0.00	37.47 1.31 0.00	38.05 1.33 0.00	39.84 1.63 0.00	55.12 2.22 0.00	84.30 4.25 0.00	39.31 2.32 -0.01	28.68 1.59 0.00	39.19 2.35 0.00	41.23 2.51 0.00	39.03 2.62 0.00	38.49 2.71 0.00	37.58 2.63 0.00	36.48 2.57 0.00	37.12 2.68 0.00	44.99 3.15 0.00	52.95 3.44 0.00	54.74 3.62 0.00	66.46 3.53 0.00	120.59 5.02 0.00	51.86 2.20 0.00	44.94 2.15 0.00
NYPA__ASTORIA_CC1 323568	47.85 1.85 0.00	33.97 1.33 0.00	29.41 1.08 0.00	37.43 1.27 0.00	38.00 1.28 0.00	39.79 1.57 0.00	55.08 2.17 0.00	84.23 4.17 0.00	39.28 2.28 -0.01	28.65 1.57 0.00	39.16 2.32 0.00	41.19 2.48 0.00	39.00 2.58 0.00	38.46 2.68 0.00	37.55 2.60 0.00	36.45 2.53 0.00	37.09 2.64 0.00	44.95 3.11 0.00	52.92 3.41 0.00	54.70 3.57 0.00	66.42 3.48 0.00	120.49 4.92 0.00	51.82 2.15 0.00	44.90 2.11 0.00
NYPA__ASTORIA_CC2 323569	47.85 1.85 0.00	33.97 1.33 0.00	29.41 1.08 0.00	37.43 1.27 0.00	38.00 1.28 0.00	39.79 1.57 0.00	55.08 2.17 0.00	84.23 4.17 0.00	39.28 2.28 -0.01	28.65 1.57 0.00	39.16 2.32 0.00	41.19 2.48 0.00	39.00 2.58 0.00	38.46 2.68 0.00	37.55 2.60 0.00	36.45 2.53 0.00	37.09 2.64 0.00	44.95 3.11 0.00	52.92 3.41 0.00	54.70 3.57 0.00	66.42 3.48 0.00	120.49 4.92 0.00	51.82 2.15 0.00	44.90 2.11 0.00
NYPA__HOLTSVILL 23794	47.29 1.29 0.00	33.94 1.30 0.00	29.49 1.16 0.00	37.41 1.25 0.00	37.88 1.16 0.00	39.44 1.23 0.00	56.45 0.84 -2.71	70.14 1.79 11.70	40.34 1.52 -1.83	28.50 1.41 0.00	45.80 2.30 -6.67	42.09 2.72 -0.66	38.94 2.52 0.00	38.01 2.24 0.00	37.06 2.11 0.00	36.07 2.16 0.00	36.12 1.68 0.00	44.01 1.81 -0.36	53.77 2.06 -2.21	58.86 2.64 -5.10	72.86 2.50 -7.42	122.46 3.01 -3.88	35.30 1.05 15.41	31.79 1.06 12.06
NYPA__HELLGATE_GT1 24158	47.73 1.73 0.00	33.92 1.28 0.00	29.30 0.97 0.00	37.29 1.13 0.00	37.85 1.13 0.00	39.64 1.43 0.00	54.89 1.99 0.00	84.00 3.94 0.00	39.14 2.15 -0.01	28.57 1.48 0.00	39.05 2.21 0.00	41.13 2.41 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.53 2.58 0.00	36.43 2.51 0.00	37.06 2.61 0.00	44.91 3.07 0.00	52.89 3.38 0.00	54.70 3.57 0.00	66.28 3.35 0.00	120.13 4.56 0.00	51.71 2.05 0.00	44.76 1.97 0.00
NYPA__HELLGATE_GT2 24159	47.73 1.73 0.00	33.92 1.28 0.00	29.30 0.97 0.00	37.29 1.13 0.00	37.85 1.13 0.00	39.64 1.43 0.00	54.89 1.99 0.00	84.00 3.94 0.00	39.14 2.15 -0.01	28.57 1.48 0.00	39.05 2.21 0.00	41.13 2.41 0.00	38.98 2.56 0.00	38.46 2.68 0.00	37.53 2.58 0.00	36.43 2.51 0.00	37.06 2.61 0.00	44.91 3.07 0.00	52.89 3.38 0.00	54.70 3.57 0.00	66.28 3.35 0.00	120.13 4.56 0.00	51.71 2.05 0.00	44.76 1.97 0.00
NYS_BARGE__HYD 23848	43.16 -2.85 0.00	30.26 -2.38 0.00	26.18 -2.15 0.00	33.54 -2.62 0.00	34.15 -2.58 0.00	35.88 -2.33 0.00	49.31 -3.59 0.00	76.68 -3.37 0.00	35.57 -1.42 0.00	26.42 -0.66 0.00	36.45 -0.39 0.00	37.91 -0.81 0.00	35.54 -0.88 0.00	34.82 -0.95 0.00	34.00 -0.94 0.00	33.00 -0.91 0.00	33.26 -1.18 0.00	39.06 -2.78 0.00	46.30 -3.20 0.00	48.93 -2.20 0.00	60.41 -2.52 0.00	110.85 -4.72 0.00	47.99 -1.67 0.00	41.17 -1.63 0.00

OAK ORCHARD__HYD 24046	45.49 -0.52 0.00	32.07 -0.57 0.00	27.80 -0.54 0.00	35.54 -0.62 0.00	36.15 -0.57 0.00	37.93 -0.29 0.00	52.62 -0.28 0.00	80.88 0.82 0.00	37.39 0.40 0.00	27.52 0.43 0.00	37.68 0.85 0.00	39.27 0.55 0.00	36.84 0.42 0.00	36.13 0.36 0.00	35.25 0.31 0.00	34.20 0.29 0.00	34.65 0.21 0.00	41.50 -0.34 0.00	49.27 -0.23 0.00	51.28 0.15 0.00	63.21 0.27 0.00	115.72 0.16 0.00	49.81 0.15 0.00	42.79 0.00 0.00
OAKDALE__35_KV_LOAD 356122	46.14 0.13 0.00	32.73 0.09 0.00	28.42 0.08 0.00	36.26 0.09 0.00	36.80 0.07 0.00	38.39 0.18 0.00	53.18 0.28 0.00	81.04 0.98 0.00	37.46 0.47 0.00	27.40 0.31 0.00	37.29 0.45 0.00	39.04 0.33 0.00	36.76 0.34 0.00	36.12 0.34 0.00	35.28 0.33 0.00	34.28 0.37 0.00	34.85 0.41 0.00	42.19 0.35 0.00	50.06 0.55 0.00	52.01 0.88 0.00	63.94 1.00 0.00	117.00 1.43 0.00	50.18 0.52 0.00	43.27 0.48 0.00
OCC_CHEM__DRP 24175	42.54 -3.46 0.00	29.80 -2.84 0.00	25.80 -2.54 0.00	33.05 -3.11 0.00	33.62 -3.10 0.00	35.33 -2.89 0.00	48.44 -4.46 0.00	75.39 -4.67 0.00	34.97 -2.02 0.00	26.05 -1.04 0.00	36.01 -0.82 0.00	37.49 -1.22 0.00	35.17 -1.25 0.00	34.49 -1.29 0.00	33.70 -1.24 0.00	32.73 -1.18 0.00	32.97 -1.48 0.00	38.61 -3.23 0.00	45.66 -3.84 0.00	47.92 -3.20 0.00	59.03 -3.90 0.00	108.47 -7.09 0.00	47.03 -2.63 0.00	40.37 -2.42 0.00
OH_GEN_PROXY 24063	42.96 -3.05 0.00	29.96 -2.53 0.15	26.06 -2.27 0.00	33.39 -2.77 0.00	33.94 -2.78 0.00	35.68 -2.54 0.00	49.05 -3.86 0.00	76.20 -3.86 0.00	35.29 -1.70 0.00	26.25 -0.84 0.00	36.26 -0.57 0.00	37.74 -0.98 0.00	35.41 -1.01 0.00	34.73 -1.05 0.00	33.97 -0.98 0.00	32.97 -0.94 0.00	33.27 -1.18 0.00	39.09 -2.75 0.00	46.25 -3.26 0.00	47.81 -2.43 0.89	60.06 -2.87 0.00	110.19 -5.38 0.00	47.63 -2.03 0.00	40.96 -1.83 0.00
OLIN_CORP_DRP 24177	42.49 -3.51 0.00	29.79 -2.86 0.00	25.78 -2.56 0.00	33.03 -3.13 0.00	33.62 -3.10 0.00	35.29 -2.92 0.00	48.41 -4.50 0.00	75.33 -4.73 0.00	34.96 -2.03 0.00	26.00 -1.08 0.00	35.92 -0.91 0.00	37.40 -1.31 0.00	35.07 -1.35 0.00	34.38 -1.40 0.00	33.59 -1.36 0.00	32.61 -1.31 0.00	32.86 -1.59 0.00	38.50 -3.34 0.00	45.56 -3.94 0.00	48.13 -2.99 0.00	59.35 -3.58 0.00	109.04 -6.52 0.00	47.25 -2.41 0.00	40.54 -2.26 0.00
OLIN_CORP_DSASP 323712	42.54 -3.46 0.00	29.80 -2.84 0.00	25.80 -2.54 0.00	33.05 -3.11 0.00	33.62 -3.10 0.00	35.33 -2.89 0.00	48.44 -4.46 0.00	75.39 -4.67 0.00	34.97 -2.02 0.00	26.05 -1.04 0.00	36.01 -0.82 0.00	37.49 -1.22 0.00	35.17 -1.25 0.00	34.49 -1.29 0.00	33.70 -1.24 0.00	32.73 -1.18 0.00	32.97 -1.48 0.00	38.61 -3.23 0.00	45.66 -3.84 0.00	47.92 -3.20 0.00	59.03 -3.90 0.00	108.47 -7.09 0.00	47.03 -2.63 0.00	40.37 -2.42 0.00
ONEIDA_HERK_LFGE 323681	46.07 0.06 0.00	32.61 -0.03 0.00	28.09 -0.24 0.00	36.18 0.03 0.00	37.13 0.41 0.00	38.81 0.60 0.00	54.00 1.09 0.00	81.95 1.89 0.00	37.53 0.54 0.00	27.19 0.11 0.00	36.68 -0.16 0.00	38.15 -0.56 0.00	35.68 -0.74 0.00	34.73 -1.05 0.00	34.09 -0.86 0.00	33.05 -0.86 0.00	33.75 -0.70 0.00	41.33 -0.50 0.00	52.83 -0.36 -3.68	53.87 0.10 -2.65	63.70 0.77 0.00	116.07 0.51 0.00	49.56 -0.09 0.00	42.44 -0.35 0.00
ONEIDA__115KV_TB4 55905	46.79 0.79 0.00	33.18 0.53 0.00	28.72 0.39 0.00	36.76 0.60 0.00	37.43 0.70 0.00	39.12 0.90 0.00	54.29 1.39 0.00	82.37 2.32 0.00	37.90 0.91 0.00	27.58 0.50 0.00	37.45 0.62 0.00	39.15 0.43 0.00	36.76 0.34 0.00	35.92 0.14 0.00	35.11 0.16 0.00	34.03 0.12 0.00	34.70 0.26 0.00	42.30 0.46 0.00	51.79 1.05 -1.24	53.40 1.38 -0.89	64.90 1.97 0.00	118.65 3.09 0.00	50.82 1.16 0.00	43.67 0.88 0.00
ONONDAGA_REF_OCCRA 23987	45.60 -0.41 0.00	32.33 -0.31 0.00	28.06 -0.28 0.00	35.80 -0.36 0.00	36.38 -0.34 0.00	37.99 -0.23 0.00	52.67 -0.23 0.00	80.07 0.01 0.00	37.00 0.01 0.00	27.09 0.01 0.00	36.86 0.02 0.00	38.59 -0.12 0.00	36.32 -0.10 0.00	35.63 -0.15 0.00	34.77 -0.17 0.00	33.74 -0.17 0.00	34.28 -0.16 0.00	41.55 -0.29 0.00	49.28 -0.22 0.00	51.17 0.04 0.00	62.96 0.03 0.00	115.30 -0.27 0.00	49.47 -0.19 0.00	42.59 -0.20 0.00
ONONDAGA__COGEN 23986	45.43 -0.57 0.00	32.23 -0.41 0.00	27.98 -0.35 0.00	35.70 -0.46 0.00	36.27 -0.45 0.00	37.87 -0.34 0.00	52.51 -0.39 0.00	79.81 -0.24 0.00	36.86 -0.13 0.00	27.00 -0.08 0.00	36.73 -0.10 0.00	38.45 -0.27 0.00	36.17 -0.25 0.00	35.50 -0.27 0.00	34.64 -0.30 0.00	33.63 -0.28 0.00	34.16 -0.29 0.00	41.40 -0.43 0.00	49.11 -0.40 0.00	50.99 -0.14 0.00	62.74 -0.20 0.00	114.94 -0.63 0.00	49.32 -0.34 0.00	42.46 -0.33 0.00
ONTARIO__LFGE 23819	45.75 -0.25 0.00	32.40 -0.24 0.00	28.11 -0.23 0.00	35.92 -0.24 0.00	36.48 -0.24 0.00	38.27 0.05 0.00	52.98 0.08 0.00	80.76 0.70 0.00	37.32 0.33 0.00	27.34 0.26 0.00	37.46 0.63 0.00	39.03 0.32 0.00	36.62 0.21 0.00	35.98 0.20 0.00	35.10 0.16 0.00	34.16 0.25 0.00	34.67 0.22 0.00	41.59 -0.25 0.00	49.65 0.14 0.00	51.97 0.85 0.00	64.12 1.19 0.00	117.08 1.52 0.00	50.21 0.55 0.00	43.33 0.54 0.00
ORANGEVILLE_WT_PWR 323706	43.60 -2.41 0.00	30.68 -1.96 0.00	26.50 -1.83 0.00	33.97 -2.19 0.00	34.46 -2.26 0.00	36.16 -2.06 0.00	49.79 -3.11 0.00	77.23 -2.83 0.00	35.72 -1.27 0.00	26.40 -0.69 0.00	36.40 -0.43 0.00	37.69 -1.02 0.00	35.35 -1.07 0.00	34.65 -1.13 0.00	33.91 -1.04 0.00	33.04 -0.88 0.00	33.47 -0.98 0.00	39.52 -2.32 0.00	47.13 -2.37 0.00	49.92 -1.21 0.00	61.79 -1.15 0.00	113.18 -2.38 0.00	48.67 -0.99 0.00	41.93 -0.86 0.00
ORANGEVILLE__ESR 323794	43.60 -2.41 0.00	30.68 -1.96 0.00	26.50 -1.83 0.00	33.97 -2.19 0.00	34.46 -2.26 0.00	36.16 -2.06 0.00	49.79 -3.11 0.00	77.23 -2.83 0.00	35.72 -1.27 0.00	26.40 -0.69 0.00	36.40 -0.43 0.00	37.69 -1.02 0.00	35.35 -1.07 0.00	34.65 -1.13 0.00	33.91 -1.04 0.00	33.04 -0.88 0.00	33.47 -0.98 0.00	39.52 -2.32 0.00	47.13 -2.37 0.00	49.92 -1.21 0.00	61.79 -1.15 0.00	113.18 -2.38 0.00	48.67 -0.99 0.00	41.93 -0.86 0.00
OSWEGATCHIE__HYD 24044	44.18 -1.83 0.00	31.18 -1.46 0.00	26.88 -1.45 0.00	34.67 -1.49 0.00	35.58 -1.14 0.00	37.16 -1.05 0.00	51.73 -1.17 0.00	78.19 -1.86 0.00	35.67 -1.32 0.00	25.84 -1.24 0.00	34.82 -2.02 0.00	36.25 -2.46 0.00	33.77 -2.65 0.00	32.88 -2.89 0.00	32.24 -2.70 0.00	31.19 -2.72 0.00	31.83 -2.61 0.00	39.02 -2.82 0.00	41.53 -3.50 4.48	44.82 -3.09 3.22	60.07 -2.86 0.00	109.58 -5.99 0.00	46.89 -2.77 0.00	40.17 -2.62 0.00
OSWEGO__5 23606	44.71 -1.29 0.00	31.72 -0.92 0.00	27.54 -0.80 0.00	35.13 -1.03 0.00	35.69 -1.03 0.00	37.23 -0.99 0.00	51.58 -1.32 0.00	78.33 -1.73 0.00	36.20 -0.79 0.00	26.53 -0.56 0.00	36.06 -0.78 0.00	37.80 -0.91 0.00	35.56 -0.86 0.00	34.92 -0.86 0.00	34.08 -0.86 0.00	33.09 -0.82 0.00	33.60 -0.84 0.00	40.73 -1.11 0.00	48.26 -1.25 0.00	50.00 -1.13 0.00	61.53 -1.40 0.00	112.77 -2.79 0.00	48.45 -1.21 0.00	41.72 -1.07 0.00

OSWEGO___6 23613	44.71 -1.29 0.00	31.72 -0.92 0.00	27.54 -0.80 0.00	35.13 -1.03 0.00	35.69 -1.03 0.00	37.23 -0.99 0.00	51.58 -1.32 0.00	78.33 -1.73 0.00	36.20 -0.79 0.00	26.53 -0.56 0.00	36.06 -0.78 0.00	37.80 -0.91 0.00	35.56 -0.86 0.00	34.92 -0.86 0.00	34.08 -0.86 0.00	33.09 -0.82 0.00	33.60 -0.84 0.00	40.73 -1.11 0.00	48.26 -1.25 0.00	50.00 -1.13 0.00	61.53 -1.40 0.00	112.77 -2.79 0.00	48.45 -1.21 0.00	41.72 -1.07 0.00
OUTOKUMPU-AB___DRP 24206	43.48 -2.52 0.00	30.48 -2.16 0.00	26.38 -1.96 0.00	33.80 -2.36 0.00	34.38 -2.34 0.00	36.18 -2.03 0.00	49.66 -3.24 0.00	77.34 -2.72 0.00	35.87 -1.12 0.00	26.67 -0.41 0.00	36.87 0.03 0.00	38.28 -0.43 0.00	35.92 -0.50 0.00	35.23 -0.55 0.00	34.39 -0.56 0.00	33.40 -0.52 0.00	33.66 -0.78 0.00	39.51 -2.32 0.00	46.85 -2.65 0.00	49.40 -1.72 0.00	60.94 -2.00 0.00	111.75 -3.82 0.00	48.33 -1.33 0.00	41.50 -1.30 0.00
OXBOW___BTM 323836	43.12 -2.89 0.00	30.22 -2.43 0.00	26.15 -2.19 0.00	33.51 -2.65 0.00	34.09 -2.64 0.00	35.86 -2.36 0.00	49.21 -3.69 0.00	76.57 -3.49 0.00	35.52 -1.47 0.00	26.44 -0.65 0.00	36.54 -0.29 0.00	38.00 -0.72 0.00	35.64 -0.78 0.00	34.95 -0.83 0.00	34.15 -0.80 0.00	33.14 -0.77 0.00	33.40 -1.04 0.00	39.16 -2.68 0.00	46.39 -3.12 0.00	48.78 -2.35 0.00	60.15 -2.78 0.00	110.45 -5.12 0.00	47.80 -1.86 0.00	41.03 -1.76 0.00
OXBOW___ 24026	43.12 -2.88 0.00	30.21 -2.43 0.00	26.15 -2.19 0.00	33.51 -2.65 0.00	34.08 -2.64 0.00	35.86 -2.36 0.00	49.18 -3.72 0.00	76.57 -3.49 0.00	35.52 -1.46 0.00	26.44 -0.65 0.00	36.54 -0.29 0.00	38.00 -0.71 0.00	35.64 -0.78 0.00	34.95 -0.82 0.00	34.14 -0.81 0.00	33.14 -0.77 0.00	33.41 -1.04 0.00	39.16 -2.68 0.00	46.39 -3.12 0.00	48.80 -2.33 0.00	60.16 -2.77 0.00	110.45 -5.12 0.00	47.80 -1.85 0.00	41.03 -1.76 0.00
OXY_CHEM_DSASP 323612	42.54 -3.46 0.00	29.80 -2.84 0.00	25.80 -2.54 0.00	33.05 -3.11 0.00	33.62 -3.10 0.00	35.33 -2.89 0.00	48.44 -4.46 0.00	75.39 -4.67 0.00	34.97 -2.02 0.00	26.05 -1.04 0.00	36.01 -0.82 0.00	37.49 -1.22 0.00	35.17 -1.25 0.00	34.49 -1.29 0.00	33.70 -1.24 0.00	32.73 -1.18 0.00	32.97 -1.48 0.00	38.61 -3.23 0.00	45.66 -3.84 0.00	47.92 -3.20 0.00	59.03 -3.90 0.00	108.47 -7.09 0.00	47.03 -2.63 0.00	40.37 -2.42 0.00
OZONE_PARK_ESR 323760	48.25 2.24 0.00	34.22 1.58 0.00	29.64 1.30 0.00	37.65 1.50 0.00	38.25 1.52 0.00	40.05 1.83 0.00	55.46 2.56 0.00	84.74 4.68 0.00	39.49 2.50 0.00	28.80 1.72 0.00	39.35 2.52 0.00	41.39 2.67 0.00	39.19 2.77 0.00	38.63 2.85 0.00	37.70 2.75 0.00	36.61 2.70 0.00	37.25 2.81 0.00	45.19 3.35 0.00	53.30 3.80 0.00	55.18 4.05 0.00	67.10 4.16 0.00	121.74 6.17 0.00	52.23 2.57 0.00	45.24 2.44 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.54 -3.46 0.00	29.80 -2.84 0.00	25.80 -2.54 0.00	33.05 -3.11 0.00	33.62 -3.10 0.00	35.33 -2.89 0.00	48.44 -4.46 0.00	75.39 -4.67 0.00	34.97 -2.02 0.00	26.05 -1.04 0.00	36.01 -0.82 0.00	37.49 -1.22 0.00	35.17 -1.25 0.00	34.49 -1.29 0.00	33.70 -1.24 0.00	32.73 -1.18 0.00	32.97 -1.48 0.00	38.61 -3.23 0.00	45.66 -3.84 0.00	47.92 -3.20 0.00	59.03 -3.90 0.00	108.47 -7.09 0.00	47.03 -2.63 0.00	40.37 -2.42 0.00
PACKARD__115KV_DUPONT_184 80571	42.54 -3.46 0.00	29.81 -2.83 0.00	25.79 -2.54 0.00	33.05 -3.10 0.00	33.62 -3.10 0.00	35.33 -2.88 0.00	48.47 -4.44 0.00	75.40 -4.66 0.00	34.97 -2.02 0.00	26.05 -1.03 0.00	36.02 -0.82 0.00	37.48 -1.23 0.00	35.17 -1.25 0.00	34.49 -1.29 0.00	33.71 -1.24 0.00	32.72 -1.19 0.00	32.97 -1.48 0.00	38.61 -3.23 0.00	45.66 -3.84 0.00	47.90 -3.23 0.00	59.04 -3.90 0.00	108.48 -7.08 0.00	47.02 -2.64 0.00	40.37 -2.43 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.83 1.83 0.00	33.95 1.31 0.00	29.37 1.03 0.00	37.39 1.22 0.00	37.95 1.23 0.00	39.75 1.53 0.00	55.05 2.14 0.00	84.22 4.16 0.00	39.23 2.24 0.00	28.64 1.55 0.00	39.10 2.27 0.00	41.15 2.44 0.00	38.99 2.57 0.00	38.45 2.67 0.00	37.52 2.58 0.00	36.43 2.51 0.00	37.06 2.61 0.00	44.92 3.08 0.00	52.90 3.39 0.00	54.70 3.57 0.00	66.36 3.43 0.00	120.48 4.92 0.00	51.84 2.18 0.00	44.87 2.08 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.98 2.97 0.00	34.68 2.03 0.00	30.02 1.68 0.00	38.35 2.19 0.00	38.87 2.15 0.00	40.77 2.56 0.00	56.50 3.60 0.00	86.40 6.34 0.00	40.22 3.22 0.00	29.34 2.25 0.00	40.03 3.19 0.00	42.10 3.39 0.00	39.85 3.43 0.00	39.32 3.54 0.00	38.32 3.38 0.00	37.19 3.27 0.00	37.86 3.41 0.00	45.88 4.04 0.00	54.05 4.54 0.00	55.98 4.85 0.00	68.00 5.06 0.00	123.29 7.72 0.00	52.92 3.26 0.00	45.78 2.99 0.00
PATROON__115KV_TB1 80586	46.75 0.75 0.00	33.37 0.73 0.00	28.98 0.65 0.00	36.92 0.76 0.00	37.42 0.70 0.00	38.98 0.76 0.00	53.83 0.93 0.00	81.28 1.22 0.00	37.71 0.72 0.00	27.57 0.48 0.00	37.37 0.53 0.00	39.42 0.70 0.00	37.25 0.83 0.00	36.66 0.89 0.00	35.87 0.93 0.00	34.82 0.91 0.00	35.31 0.86 0.00	42.89 1.05 0.00	50.77 1.27 0.00	52.48 1.36 0.00	64.28 1.34 0.00	117.86 2.29 0.00	50.66 1.00 0.00	43.70 0.91 0.00
PATRSNVILLE___SOLAR 323815	47.45 1.44 0.00	33.69 1.05 0.00	29.25 0.92 0.00	37.28 1.13 0.00	37.84 1.12 0.00	39.42 1.20 0.00	54.58 1.68 0.00	82.55 2.50 0.00	37.73 0.74 0.00	27.54 0.45 0.00	37.41 0.57 0.00	39.41 0.70 0.00	37.07 0.65 0.00	36.45 0.67 0.00	35.62 0.67 0.00	34.64 0.73 0.00	35.20 0.76 0.00	42.91 1.07 0.00	51.14 1.64 0.00	53.23 2.10 0.00	65.39 2.45 0.00	120.06 4.49 0.00	51.51 1.84 0.00	44.34 1.54 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.74 -2.26 0.00	30.70 -1.95 0.00	26.56 -1.77 0.00	34.05 -2.11 0.00	34.58 -2.15 0.00	36.39 -1.83 0.00	50.04 -2.86 0.00	77.81 -2.24 0.00	36.04 -0.95 0.00	26.75 -0.33 0.00	36.98 0.14 0.00	38.39 -0.33 0.00	35.99 -0.43 0.00	35.33 -0.45 0.00	34.55 -0.39 0.00	33.56 -0.35 0.00	33.92 -0.52 0.00	39.92 -1.91 0.00	47.37 -2.14 0.00	50.00 -1.12 0.00	61.76 -1.18 0.00	113.10 -2.47 0.00	48.69 -0.97 0.00	41.91 -0.89 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.05 2.05 0.00	34.11 1.46 0.00	29.58 1.24 0.00	37.64 1.48 0.00	38.22 1.50 0.00	40.00 1.78 0.00	55.39 2.49 0.00	84.36 4.31 0.00	39.18 2.19 0.00	28.58 1.49 0.00	38.96 2.12 0.00	41.04 2.32 0.00	38.80 2.38 0.00	38.16 2.38 0.00	37.26 2.32 0.00	36.19 2.29 0.00	36.85 2.40 0.00	44.83 2.99 0.00	53.04 3.54 0.00	54.97 3.84 0.00	67.00 4.06 0.00	121.83 6.27 0.00	52.18 2.52 0.00	45.06 2.27 0.00
PEEKSKILL___ 23653	47.66 1.66 0.00	33.80 1.16 0.00	29.30 0.96 0.00	37.26 1.10 0.00	37.84 1.12 0.00	39.57 1.36 0.00	54.78 1.88 0.00	83.52 3.46 0.00	38.86 1.87 0.00	28.34 1.25 0.00	38.65 1.82 0.00	40.69 1.98 0.00	38.51 2.09 0.00	37.93 2.15 0.00	37.04 2.10 0.00	35.98 2.07 0.00	36.61 2.16 0.00	44.46 2.62 0.00	52.55 3.04 0.00	54.43 3.30 0.00	66.24 3.31 0.00	120.34 4.77 0.00	51.58 1.92 0.00	44.62 1.83 0.00

PGE MADISON___WINDPWR 24146	49.36 3.36 0.00	34.97 2.33 0.00	30.22 1.88 0.00	38.32 2.17 0.00	38.90 2.17 0.00	40.49 2.28 0.00	56.82 3.92 0.00	87.13 7.08 0.00	39.69 2.70 0.00	28.87 1.79 0.00	38.88 2.05 0.00	40.44 1.73 0.00	38.02 1.60 0.00	36.73 0.96 0.00	35.42 0.48 0.00	34.19 0.28 0.00	35.21 0.77 0.00	43.25 1.41 0.00	52.57 3.06 0.00	55.70 4.58 0.00	69.15 6.22 0.00	126.73 11.16 0.00	54.22 4.55 0.00	46.64 3.84 0.00
PIERCEFIELD___HYD 23852	44.74 -1.26 0.00	31.59 -1.05 0.00	27.33 -1.00 0.00	35.06 -1.10 0.00	35.80 -0.92 0.00	37.31 -0.91 0.00	51.75 -1.15 0.00	77.86 -2.20 0.00	35.61 -1.38 0.00	25.96 -1.12 0.00	35.24 -1.60 0.00	37.00 -1.71 0.00	34.63 -1.79 0.00	33.92 -1.86 0.00	33.11 -1.84 0.00	32.06 -1.85 0.00	32.60 -1.84 0.00	39.80 -2.04 0.00	44.69 -2.53 2.29	47.12 -2.35 1.65	60.58 -2.35 0.00	111.18 -4.38 0.00	47.75 -1.91 0.00	41.09 -1.71 0.00
PINELAWN_CC_1 323563	47.58 1.58 0.00	34.17 1.53 0.00	29.67 1.34 0.00	37.64 1.48 0.00	38.12 1.40 0.00	39.67 1.45 0.00	53.82 1.40 0.49	69.41 2.81 13.46	39.21 1.91 -0.31	28.65 1.57 0.00	46.66 2.41 -7.41	42.21 2.77 -0.73	39.09 2.67 0.00	38.30 2.52 0.00	37.40 2.46 0.00	36.32 2.41 0.00	36.44 2.00 0.00	42.35 2.19 1.68	51.21 2.66 0.96	55.24 3.23 -0.88	67.39 3.18 -1.28	117.74 4.14 1.97	36.82 1.50 14.34	33.42 1.40 10.77
PJM_GEN_HTP_PROXY 323702	47.84 1.84 0.00	33.96 1.31 0.00	29.42 1.08 0.00	37.41 1.25 0.00	37.99 1.27 0.00	39.76 1.55 0.00	55.02 2.12 0.00	84.03 3.97 0.00	39.15 2.16 0.00	28.57 1.49 0.00	39.02 2.18 0.00	41.06 2.35 0.00	38.87 2.45 0.00	38.32 2.54 0.00	37.41 2.47 0.00	36.33 2.42 0.00	36.95 2.51 0.00	44.83 2.99 0.00	52.88 3.38 0.00	54.71 3.58 0.00	66.52 3.59 0.00	120.71 5.14 0.00	51.79 2.13 0.00	44.85 2.06 0.00
PJM_GEN_KEystone 24065	45.73 -0.27 0.00	32.30 -0.34 0.00	27.98 -0.35 0.00	35.70 -0.46 0.00	36.23 -0.49 0.00	37.99 -0.23 0.00	52.44 -0.46 0.00	80.49 0.44 0.00	37.33 0.34 0.00	27.35 0.27 0.00	37.51 0.68 0.00	39.23 0.52 0.00	37.04 0.62 0.00	36.48 0.70 0.00	35.67 0.72 0.00	34.67 0.76 0.00	35.22 0.78 0.00	42.23 0.40 0.01	50.01 0.51 0.13	52.01 1.01 0.13	63.66 0.95 0.22	117.20 0.79 -0.84	48.35 0.17 1.48	43.11 0.32 0.00
PJM_GEN_NEPTUNE_PROXY 323594	47.29 1.29 0.00	33.96 1.32 0.00	29.47 1.14 0.00	37.41 1.25 0.00	37.91 1.19 0.00	39.45 1.24 0.00	52.61 1.17 1.45	64.25 2.34 18.15	38.65 1.66 0.00	28.45 1.37 0.00	45.33 2.22 -6.27	41.81 2.48 -0.62	38.89 2.47 0.00	38.13 2.36 0.00	37.23 2.29 0.00	36.14 2.23 0.00	36.30 1.86 0.00	41.30 2.10 2.64	49.94 2.47 2.04	54.00 2.88 0.00	65.68 2.75 0.00	114.86 3.30 4.01	33.03 1.23 17.86	30.67 1.20 13.31
PJM_GEN_VFT_PROXY 323633	47.68 1.68 0.00	33.75 1.16 0.05	28.78 0.95 0.51	36.67 1.08 0.57	37.31 1.11 0.52	38.94 1.38 0.66	52.93 1.91 1.88	83.76 3.70 0.00	39.02 2.03 0.00	27.81 1.36 0.63	33.62 2.01 5.22	40.21 2.17 0.68	38.46 2.31 0.27	37.48 2.41 0.70	37.29 2.35 0.00	36.21 2.30 0.00	36.84 2.40 0.00	44.67 2.83 0.00	45.63 3.15 7.03	52.54 3.33 1.92	62.54 3.22 3.62	103.15 4.54 16.96	51.56 1.91 0.00	44.75 1.96 0.00
PLATSBURG_115KV_PMLD1 355749	46.35 0.34 0.00	32.76 0.11 0.00	28.44 0.10 0.00	36.43 0.27 0.00	36.96 0.23 0.00	38.37 0.15 0.00	53.03 0.13 0.00	79.15 -0.90 0.00	36.55 -0.43 0.00	26.94 -0.14 0.00	36.49 -0.34 0.00	38.47 -0.24 0.00	36.12 -0.30 0.00	35.39 -0.38 0.00	34.52 -0.42 0.00	33.47 -0.44 0.00	34.01 -0.44 0.00	41.53 -0.31 0.00	48.32 -0.59 0.60	50.33 -0.37 0.43	62.82 -0.12 0.00	115.90 0.33 0.00	50.00 0.34 0.00	43.11 0.32 0.00
PLEASANTVLY___LBMP 24000	47.49 1.48 0.00	33.72 1.08 0.00	29.24 0.91 0.00	37.21 1.05 0.00	37.77 1.05 0.00	39.46 1.25 0.00	54.58 1.68 0.00	83.02 2.96 0.00	38.58 1.59 0.00	28.14 1.06 0.00	38.36 1.52 0.00	40.40 1.69 0.00	38.19 1.77 0.00	37.60 1.82 0.00	36.74 1.79 0.00	35.68 1.76 0.00	36.28 1.84 0.00	44.11 2.27 0.00	52.16 2.66 0.00	54.01 2.89 0.00	65.83 2.90 0.00	119.88 4.31 0.00	51.41 1.75 0.00	44.44 1.65 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.83 1.82 0.00	33.95 1.31 0.00	29.43 1.10 0.00	37.43 1.27 0.00	38.01 1.28 0.00	39.74 1.53 0.00	54.99 2.09 0.00	83.89 3.83 0.00	39.04 2.05 0.00	28.49 1.40 0.00	38.86 2.03 0.00	40.91 2.19 0.00	38.72 2.30 0.00	38.13 2.35 0.00	37.24 2.29 0.00	36.16 2.25 0.00	36.76 2.32 0.00	44.65 2.81 0.00	52.74 3.24 0.00	54.64 3.51 0.00	66.49 3.55 0.00	120.80 5.23 0.00	51.78 2.12 0.00	44.80 2.01 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.83 1.82 0.00	33.95 1.31 0.00	29.43 1.10 0.00	37.43 1.27 0.00	38.01 1.28 0.00	39.74 1.53 0.00	54.99 2.09 0.00	83.89 3.83 0.00	39.04 2.05 0.00	28.49 1.40 0.00	38.86 2.03 0.00	40.91 2.19 0.00	38.72 2.30 0.00	38.13 2.35 0.00	37.24 2.29 0.00	36.16 2.25 0.00	36.76 2.32 0.00	44.65 2.81 0.00	52.74 3.24 0.00	54.64 3.51 0.00	66.49 3.55 0.00	120.80 5.23 0.00	51.78 2.12 0.00	44.80 2.01 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.92 1.92 0.00	34.02 1.38 0.00	29.50 1.17 0.00	37.57 1.41 0.00	38.12 1.40 0.00	39.84 1.63 0.00	55.16 2.26 0.00	83.88 3.83 0.00	38.93 1.94 0.00	28.38 1.29 0.00	38.69 1.85 0.00	40.83 2.11 0.00	38.50 2.08 0.00	37.90 2.13 0.00	37.00 2.06 0.00	35.97 2.05 0.00	36.63 2.18 0.00	44.54 2.70 0.00	52.84 3.34 0.00	54.76 3.64 0.00	66.77 3.84 0.00	121.50 5.94 0.00	52.11 2.46 0.00	44.99 2.20 0.00
POLETTI___ 23519	47.80 1.79 0.00	33.93 1.28 0.00	29.39 1.05 0.00	37.38 1.22 0.00	37.95 1.23 0.00	39.72 1.51 0.00	54.98 2.08 0.00	83.97 3.92 0.00	39.12 2.13 0.00	28.55 1.47 0.00	38.99 2.15 0.00	41.04 2.32 0.00	38.86 2.44 0.00	38.30 2.52 0.00	37.40 2.45 0.00	36.31 2.39 0.00	36.94 2.50 0.00	44.80 2.96 0.00	52.84 3.33 0.00	54.66 3.53 0.00	66.43 3.50 0.00	120.58 5.01 0.00	51.74 2.08 0.00	44.81 2.02 0.00
POMONA___ESR 323819	47.74 1.74 0.00	33.84 1.20 0.00	29.32 0.99 0.00	37.29 1.13 0.00	37.88 1.16 0.00	39.61 1.40 0.00	54.84 1.94 0.00	83.63 3.58 0.00	38.92 1.93 0.00	28.37 1.28 0.00	38.70 1.87 0.00	40.72 2.01 0.00	38.56 2.14 0.00	37.98 2.21 0.00	37.10 2.16 0.00	36.03 2.12 0.00	36.68 2.24 0.00	44.55 2.71 0.00	52.66 3.16 0.00	54.56 3.44 0.00	66.38 3.45 0.00	120.57 5.01 0.00	51.65 1.98 0.00	44.70 1.91 0.00
PORT_JEFF_3 23555	47.40 1.40 0.00	34.01 1.37 0.00	29.55 1.22 0.00	37.48 1.32 0.00	37.95 1.23 0.00	39.54 1.32 0.00	56.34 0.96 -2.47	70.07 2.00 11.97	40.33 1.62 -1.72	28.56 1.48 0.00	45.90 2.39 -6.68	42.19 2.82 -0.66	39.02 2.60 0.00	38.07 2.29 0.00	37.10 2.16 0.00	36.12 2.21 0.00	36.16 1.71 0.00	43.89 1.85 -0.20	53.61 2.15 -1.96	58.68 2.76 -4.79	72.56 2.65 -6.97	122.23 3.24 -3.43	35.34 1.12 15.45	31.84 1.10 12.05

PORT_JEFF_4 23616	47.40 1.40 0.00	34.01 1.37 0.00	29.55 1.22 0.00	37.48 1.32 0.00	37.95 1.23 0.00	39.54 1.32 0.00	56.34 0.96 -2.47	70.07 2.00 11.97	40.33 1.62 -1.72	28.56 1.48 0.00	45.90 2.39 -6.68	42.19 2.82 -0.66	39.02 2.60 0.00	38.07 2.29 0.00	37.10 2.16 0.00	36.12 2.21 0.00	36.16 1.71 0.00	43.89 1.85 -0.20	53.61 2.15 -1.96	58.68 2.76 -4.79	72.56 2.65 -6.97	122.23 3.24 -3.43	35.34 1.12 15.45	31.84 1.10 12.05
PORT_JEFF_IC 23713	47.43 1.42 0.00	34.02 1.38 0.00	29.56 1.23 0.00	37.49 1.33 0.00	37.96 1.24 0.00	39.54 1.32 0.00	55.73 1.02 -1.80	69.31 1.99 12.74	40.02 1.62 -1.41	28.57 1.49 0.00	45.93 2.39 -6.71	42.21 2.83 -0.66	39.02 2.60 0.00	38.06 2.28 0.00	37.10 2.16 0.00	36.12 2.21 0.00	36.16 1.72 0.00	43.46 1.88 0.26	52.96 2.17 -1.29	57.85 2.78 -3.94	71.37 2.69 -5.74	121.02 3.27 -2.18	35.27 1.15 15.54	31.91 1.14 12.03
PPL_PILGRIM_ST_GT1 24216	47.64 1.63 0.00	34.24 1.60 0.00	29.73 1.40 0.00	37.72 1.56 0.00	38.20 1.48 0.00	39.73 1.52 0.00	56.51 1.38 -2.23	70.89 2.70 11.86	40.49 1.91 -1.59	28.73 1.64 0.00	46.22 2.57 -6.81	42.37 2.98 -0.67	39.25 2.83 0.00	38.37 2.59 0.00	37.42 2.47 0.00	36.36 2.45 0.00	36.43 1.99 0.00	44.11 2.20 -0.07	53.87 2.64 -1.73	58.79 3.22 -4.44	72.41 3.01 -6.46	122.70 4.12 -3.01	36.14 1.54 15.06	32.52 1.45 11.73
PPL_PILGRIM_ST_GT2 24217	47.64 1.63 0.00	34.24 1.60 0.00	29.73 1.40 0.00	37.72 1.56 0.00	38.20 1.48 0.00	39.73 1.52 0.00	56.51 1.38 -2.23	70.89 2.70 11.86	40.49 1.91 -1.59	28.73 1.64 0.00	46.22 2.57 -6.81	42.37 2.98 -0.67	39.25 2.83 0.00	38.37 2.59 0.00	37.42 2.47 0.00	36.36 2.45 0.00	36.43 1.99 0.00	44.11 2.20 -0.07	53.87 2.64 -1.73	58.79 3.22 -4.44	72.41 3.01 -6.46	122.70 4.12 -3.01	36.14 1.54 15.06	32.52 1.45 11.73
PPL_SHRM_GT3 24213	47.52 1.51 0.00	33.89 1.25 0.00	29.47 1.13 0.00	37.39 1.23 0.00	37.84 1.12 0.00	39.52 1.30 0.00	55.86 0.65 -2.31	69.18 1.27 12.14	40.00 1.36 -1.64	28.48 1.39 0.00	45.96 2.43 -6.69	42.35 2.98 -0.66	39.01 2.59 0.00	37.92 2.15 0.00	36.89 1.94 0.00	36.05 2.14 0.00	36.06 1.62 0.00	43.63 1.70 -0.09	53.06 1.75 -1.80	58.18 2.47 -4.58	71.97 2.37 -6.67	121.37 2.68 -3.13	34.99 0.77 15.45	31.63 0.87 12.03
PPL_SHRM_GT4 24214	47.52 1.51 0.00	33.89 1.25 0.00	29.47 1.13 0.00	37.39 1.23 0.00	37.84 1.12 0.00	39.52 1.30 0.00	55.86 0.65 -2.31	69.18 1.27 12.14	40.00 1.36 -1.64	28.48 1.39 0.00	45.96 2.43 -6.69	42.35 2.98 -0.66	39.01 2.59 0.00	37.92 2.15 0.00	36.89 1.94 0.00	36.05 2.14 0.00	36.06 1.62 0.00	43.63 1.70 -0.09	53.06 1.75 -1.80	58.18 2.47 -4.58	71.97 2.37 -6.67	121.37 2.68 -3.13	34.99 0.77 15.45	31.63 0.87 12.03
PROJECT___ORANGE 1 24174	45.28 -0.72 0.00	32.13 -0.52 0.00	27.88 -0.45 0.00	35.57 -0.59 0.00	36.14 -0.59 0.00	37.74 -0.48 0.00	52.29 -0.61 0.00	79.53 -0.53 0.00	36.76 -0.23 0.00	26.94 -0.14 0.00	36.64 -0.19 0.00	38.40 -0.31 0.00	36.13 -0.29 0.00	35.46 -0.32 0.00	34.61 -0.33 0.00	33.59 -0.32 0.00	34.12 -0.32 0.00	41.31 -0.53 0.00	48.96 -0.55 0.00	50.76 -0.36 0.00	62.44 -0.50 0.00	114.36 -1.20 0.00	49.10 -0.56 0.00	42.26 -0.53 0.00
PROJECT___ORANGE 2 24166	45.28 -0.72 0.00	32.13 -0.52 0.00	27.88 -0.45 0.00	35.57 -0.59 0.00	36.14 -0.59 0.00	37.74 -0.48 0.00	52.29 -0.61 0.00	79.53 -0.53 0.00	36.76 -0.23 0.00	26.94 -0.14 0.00	36.64 -0.19 0.00	38.40 -0.31 0.00	36.13 -0.29 0.00	35.46 -0.32 0.00	34.61 -0.33 0.00	33.59 -0.32 0.00	34.12 -0.32 0.00	41.31 -0.53 0.00	48.96 -0.55 0.00	50.76 -0.36 0.00	62.44 -0.50 0.00	114.36 -1.20 0.00	49.10 -0.56 0.00	42.26 -0.53 0.00
PUCKETT___SOLAR 323809	46.93 0.93 0.00	33.28 0.64 0.00	28.86 0.53 0.00	36.79 0.64 0.00	37.36 0.64 0.00	38.98 0.76 0.00	54.10 1.20 0.00	82.58 2.52 0.00	37.94 0.95 0.00	27.64 0.55 0.00	37.45 0.62 0.00	39.24 0.53 0.00	36.79 0.37 0.00	36.07 0.29 0.00	35.04 0.09 0.00	34.28 0.36 0.00	34.95 0.50 0.00	42.52 0.68 0.00	50.76 1.25 0.00	52.89 1.77 0.00	65.15 2.22 0.00	119.11 3.55 0.00	51.05 1.39 0.00	44.03 1.24 0.00
PYRITES___HYD 24023	45.96 -0.04 0.00	32.45 -0.19 0.00	28.07 -0.27 0.00	36.01 -0.15 0.00	36.78 0.06 0.00	38.40 0.18 0.00	53.22 0.32 0.00	79.93 -0.13 0.00	36.39 -0.60 0.00	26.38 -0.70 0.00	35.82 -1.01 0.00	37.67 -1.04 0.00	35.26 -1.16 0.00	34.58 -1.20 0.00	33.72 -1.23 0.00	32.65 -1.26 0.00	33.19 -1.26 0.00	40.55 -1.29 2.11	45.69 -1.71 1.52	48.52 -1.09 0.00	62.35 -0.58 0.00	114.42 -1.15 0.00	49.11 -0.55 0.00	42.26 -0.54 0.00
QUAKERRD_115KV_BK1 80622	45.36 -0.64 0.00	32.02 -0.62 0.00	27.76 -0.57 0.00	35.48 -0.68 0.00	36.09 -0.64 0.00	37.82 -0.40 0.00	52.40 -0.50 0.00	80.34 0.28 0.00	37.15 0.16 0.00	27.34 0.26 0.00	37.39 0.55 0.00	39.02 0.30 0.00	36.62 0.20 0.00	35.92 0.15 0.00	35.04 0.10 0.00	34.01 0.09 0.00	34.48 0.03 0.00	41.38 -0.45 0.00	49.14 -0.37 0.00	51.08 -0.05 0.00	62.90 -0.03 0.00	115.16 -0.40 0.00	49.54 -0.12 0.00	42.58 -0.21 0.00
QUENSBRY_115KV_TB8 356137	48.80 2.80 0.00	34.67 2.03 0.00	30.12 1.78 0.00	38.23 2.07 0.00	38.61 1.89 0.00	40.04 1.82 0.00	54.90 2.00 0.00	82.09 2.03 0.00	37.91 0.92 0.00	27.61 0.52 0.00	37.44 0.61 0.00	39.50 0.79 0.00	37.20 0.78 0.00	36.62 0.84 0.00	35.85 0.91 0.00	34.76 0.85 0.00	35.25 0.81 0.00	43.30 1.46 0.00	51.63 2.12 0.00	53.54 2.42 0.00	65.69 2.76 0.00	121.08 5.52 0.00	51.92 2.26 0.00	44.62 1.83 0.00
RAMAPO___LBMP 323565	47.57 1.57 0.00	33.73 1.09 0.00	29.22 0.88 0.00	37.17 1.01 0.00	37.75 1.02 0.00	39.48 1.27 0.00	54.67 1.77 0.00	83.35 3.29 0.00	38.77 1.78 0.00	28.25 1.17 0.00	38.54 1.70 0.00	40.55 1.83 0.00	38.39 1.97 0.00	37.82 2.04 0.00	36.94 1.99 0.00	35.88 1.97 0.00	36.52 2.08 0.00	44.35 2.52 0.00	52.44 2.93 0.00	54.34 3.22 0.00	66.11 3.18 0.00	120.11 4.54 0.00	51.44 1.78 0.00	44.53 1.74 0.00
RANKINE____ 23646	43.70 -2.31 0.00	30.65 -1.99 0.00	26.52 -1.82 0.00	33.99 -2.17 0.00	34.51 -2.21 0.00	36.30 -1.91 0.00	49.89 -3.01 0.00	77.64 -2.41 0.00	35.99 -1.00 0.00	26.74 -0.34 0.00	36.95 0.12 0.00	38.36 -0.36 0.00	35.99 -0.43 0.00	35.28 -0.49 0.00	34.52 -0.43 0.00	33.53 -0.38 0.00	33.87 -0.58 0.00	39.81 -2.03 0.00	47.24 -2.27 0.00	49.88 -1.25 0.00	61.58 -1.36 0.00	112.85 -2.72 0.00	48.66 -0.99 0.00	41.87 -0.92 0.00
RAVENSWOOD_GT2_1 24244	47.82 1.81 0.00	33.93 1.29 0.00	29.40 1.06 0.00	37.39 1.23 0.00	37.97 1.25 0.00	39.74 1.52 0.00	54.99 2.09 0.00	83.98 3.92 0.00	39.14 2.15 0.00	28.56 1.47 0.00	39.00 2.16 0.00	41.05 2.33 0.00	38.87 2.45 0.00	38.30 2.53 0.00	37.41 2.46 0.00	36.32 2.41 0.00	36.94 2.50 0.00	44.81 2.98 0.00	52.84 3.34 0.00	54.67 3.55 0.00	66.46 3.53 0.00	120.59 5.02 0.00	51.75 2.09 0.00	44.83 2.04 0.00

RAVENSWOOD_GT2_2 24245	47.82 1.81 0.00	33.93 1.29 0.00	29.40 1.06 0.00	37.39 1.23 0.00	37.97 1.25 0.00	39.74 1.52 0.00	54.99 2.09 0.00	83.98 3.92 0.00	39.14 2.15 0.00	28.56 1.47 0.00	39.00 2.16 0.00	41.05 2.33 0.00	38.87 2.45 0.00	38.30 2.53 0.00	37.41 2.46 0.00	36.32 2.41 0.00	36.94 2.50 0.00	44.81 2.98 0.00	52.84 3.34 0.00	54.67 3.55 0.00	66.46 3.53 0.00	120.59 5.02 0.00	51.75 2.09 0.00	44.83 2.04 0.00
RAVENSWOOD_GT2_3 24246	47.84 1.83 0.00	33.94 1.30 0.00	29.41 1.08 0.00	37.41 1.24 0.00	37.99 1.26 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.03 3.97 0.00	39.16 2.17 0.00	28.57 1.49 0.00	39.02 2.19 0.00	41.07 2.36 0.00	38.90 2.48 0.00	38.33 2.55 0.00	37.42 2.48 0.00	36.34 2.43 0.00	36.96 2.52 0.00	44.83 2.99 0.00	52.88 3.38 0.00	54.70 3.57 0.00	66.49 3.56 0.00	120.70 5.13 0.00	51.78 2.12 0.00	44.86 2.06 0.00
RAVENSWOOD_GT2_4 24247	47.84 1.83 0.00	33.94 1.30 0.00	29.41 1.08 0.00	37.41 1.24 0.00	37.99 1.26 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.03 3.97 0.00	39.16 2.17 0.00	28.57 1.49 0.00	39.02 2.19 0.00	41.07 2.36 0.00	38.90 2.48 0.00	38.33 2.55 0.00	37.42 2.48 0.00	36.34 2.43 0.00	36.96 2.52 0.00	44.83 2.99 0.00	52.88 3.38 0.00	54.70 3.57 0.00	66.49 3.56 0.00	120.70 5.13 0.00	51.78 2.12 0.00	44.86 2.06 0.00
RAVENSWOOD_GT3_1 24248	47.85 1.84 0.00	33.96 1.32 0.00	29.42 1.08 0.00	37.42 1.26 0.00	38.00 1.28 0.00	39.78 1.56 0.00	55.04 2.14 0.00	84.05 3.99 0.00	39.16 2.17 0.00	28.58 1.49 0.00	39.02 2.19 0.00	41.07 2.36 0.00	38.90 2.48 0.00	38.33 2.55 0.00	37.42 2.48 0.00	36.34 2.43 0.00	36.97 2.52 0.00	44.83 2.99 0.00	52.88 3.38 0.00	54.71 3.58 0.00	66.49 3.56 0.00	120.70 5.13 0.00	51.78 2.13 0.00	44.86 2.06 0.00
RAVENSWOOD_GT3_2 24249	47.85 1.84 0.00	33.96 1.32 0.00	29.42 1.08 0.00	37.42 1.26 0.00	38.00 1.28 0.00	39.78 1.56 0.00	55.04 2.14 0.00	84.05 3.99 0.00	39.16 2.17 0.00	28.58 1.49 0.00	39.02 2.19 0.00	41.07 2.36 0.00	38.90 2.48 0.00	38.33 2.55 0.00	37.42 2.48 0.00	36.34 2.43 0.00	36.97 2.52 0.00	44.83 2.99 0.00	52.88 3.38 0.00	54.71 3.58 0.00	66.49 3.56 0.00	120.70 5.13 0.00	51.78 2.13 0.00	44.86 2.06 0.00
RAVENSWOOD_GT3_3 24250	47.91 1.91 0.00	34.00 1.36 0.00	29.45 1.12 0.00	37.46 1.31 0.00	38.05 1.33 0.00	39.82 1.61 0.00	55.10 2.20 0.00	84.16 4.11 0.00	39.22 2.24 0.00	28.62 1.54 0.00	39.09 2.26 0.00	41.14 2.43 0.00	38.95 2.53 0.00	38.39 2.61 0.00	37.48 2.54 0.00	36.40 2.48 0.00	37.02 2.57 0.00	44.90 3.07 0.00	52.97 3.46 0.00	54.79 3.66 0.00	66.60 3.67 0.00	120.84 5.27 0.00	51.86 2.20 0.00	44.92 2.12 0.00
RAVENSWOOD_GT3_4 24251	47.91 1.91 0.00	34.00 1.36 0.00	29.45 1.12 0.00	37.46 1.31 0.00	38.05 1.33 0.00	39.82 1.61 0.00	55.10 2.20 0.00	84.16 4.11 0.00	39.22 2.24 0.00	28.62 1.54 0.00	39.09 2.26 0.00	41.14 2.43 0.00	38.95 2.53 0.00	38.39 2.61 0.00	37.48 2.54 0.00	36.40 2.48 0.00	37.02 2.57 0.00	44.90 3.07 0.00	52.97 3.46 0.00	54.79 3.66 0.00	66.60 3.67 0.00	120.84 5.27 0.00	51.86 2.20 0.00	44.92 2.12 0.00
RAVENSWOOD_GT_1 23729	47.91 1.90 0.00	34.01 1.37 0.00	29.45 1.12 0.00	37.47 1.31 0.00	38.05 1.33 0.00	39.84 1.62 0.00	55.14 2.24 0.00	84.31 4.25 0.00	39.31 2.32 -0.01	28.68 1.59 0.00	39.19 2.35 0.00	41.22 2.51 0.00	39.04 2.62 0.00	38.49 2.71 0.00	37.58 2.63 0.00	36.48 2.57 0.00	37.12 2.68 0.00	44.99 3.15 0.00	52.94 3.44 0.00	54.73 3.61 0.00	66.46 3.53 0.00	120.59 5.03 0.00	51.85 2.19 0.00	44.94 2.15 0.00
RAVENSWOOD_GT_10 24258	47.82 1.81 0.00	33.93 1.29 0.00	29.39 1.06 0.00	37.39 1.23 0.00	37.97 1.25 0.00	39.74 1.52 0.00	54.98 2.08 0.00	83.97 3.92 0.00	39.13 2.14 0.00	28.55 1.47 0.00	38.99 2.15 0.00	41.04 2.33 0.00	38.86 2.44 0.00	38.30 2.52 0.00	37.40 2.45 0.00	36.31 2.40 0.00	36.94 2.50 0.00	44.81 2.97 0.00	52.84 3.34 0.00	54.67 3.55 0.00	66.46 3.53 0.00	120.59 5.03 0.00	51.74 2.08 0.00	44.82 2.03 0.00
RAVENSWOOD_GT_11 24259	47.82 1.81 0.00	33.93 1.29 0.00	29.39 1.06 0.00	37.39 1.23 0.00	37.97 1.25 0.00	39.74 1.52 0.00	54.98 2.08 0.00	83.97 3.92 0.00	39.13 2.14 0.00	28.55 1.47 0.00	38.99 2.15 0.00	41.04 2.33 0.00	38.86 2.44 0.00	38.30 2.52 0.00	37.40 2.45 0.00	36.31 2.40 0.00	36.94 2.50 0.00	44.81 2.97 0.00	52.84 3.34 0.00	54.67 3.55 0.00	66.46 3.53 0.00	120.59 5.03 0.00	51.74 2.08 0.00	44.82 2.03 0.00
RAVENSWOOD_GT_4 24252	47.86 1.86 0.00	33.96 1.32 0.00	29.43 1.09 0.00	37.43 1.27 0.00	38.01 1.29 0.00	39.79 1.57 0.00	55.06 2.16 0.00	84.13 4.07 0.00	39.21 2.21 -0.01	28.61 1.53 0.00	39.07 2.24 0.00	41.12 2.40 0.00	38.94 2.51 0.00	38.37 2.59 0.00	37.47 2.52 0.00	36.38 2.46 0.00	37.01 2.57 0.00	44.88 3.04 0.00	52.90 3.39 0.00	54.72 3.59 0.00	66.48 3.54 0.00	120.68 5.12 0.00	51.80 2.14 0.00	44.88 2.08 0.00
RAVENSWOOD_GT_5 24254	47.86 1.86 0.00	33.96 1.32 0.00	29.43 1.09 0.00	37.43 1.27 0.00	38.01 1.29 0.00	39.79 1.57 0.00	55.06 2.16 0.00	84.13 4.07 0.00	39.21 2.21 -0.01	28.61 1.53 0.00	39.07 2.24 0.00	41.12 2.40 0.00	38.94 2.51 0.00	38.37 2.59 0.00	37.47 2.52 0.00	36.38 2.46 0.00	37.01 2.57 0.00	44.88 3.04 0.00	52.90 3.39 0.00	54.72 3.59 0.00	66.48 3.54 0.00	120.68 5.12 0.00	51.80 2.14 0.00	44.88 2.08 0.00
RAVENSWOOD_GT_6 24253	47.86 1.86 0.00	33.96 1.32 0.00	29.43 1.09 0.00	37.43 1.27 0.00	38.01 1.29 0.00	39.79 1.57 0.00	55.06 2.16 0.00	84.13 4.07 0.00	39.21 2.21 -0.01	28.61 1.53 0.00	39.07 2.24 0.00	41.12 2.40 0.00	38.94 2.51 0.00	38.37 2.59 0.00	37.47 2.52 0.00	36.38 2.46 0.00	37.01 2.57 0.00	44.88 3.04 0.00	52.90 3.39 0.00	54.72 3.59 0.00	66.48 3.54 0.00	120.68 5.12 0.00	51.80 2.14 0.00	44.88 2.08 0.00
RAVENSWOOD_GT_7 24255	47.86 1.86 0.00	33.96 1.32 0.00	29.43 1.09 0.00	37.43 1.27 0.00	38.01 1.29 0.00	39.79 1.57 0.00	55.06 2.16 0.00	84.13 4.07 0.00	39.21 2.21 -0.01	28.61 1.53 0.00	39.07 2.24 0.00	41.12 2.40 0.00	38.94 2.51 0.00	38.37 2.59 0.00	37.47 2.52 0.00	36.38 2.46 0.00	37.01 2.57 0.00	44.88 3.04 0.00	52.90 3.39 0.00	54.72 3.59 0.00	66.48 3.54 0.00	120.68 5.12 0.00	51.80 2.14 0.00	44.88 2.08 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.82 1.81 0.00	33.93 1.29 0.00	29.39 1.06 0.00	37.39 1.23 0.00	37.97 1.25 0.00	39.74 1.52 0.00	54.98 2.08 0.00	83.97 3.92 0.00	39.13 2.14 0.00	28.55 1.47 0.00	38.99 2.15 0.00	41.04 2.33 0.00	38.86 2.44 0.00	38.30 2.52 0.00	37.40 2.45 0.00	36.31 2.40 0.00	36.94 2.50 0.00	44.81 2.97 0.00	52.84 3.34 0.00	54.67 3.55 0.00	66.46 3.53 0.00	120.59 5.03 0.00	51.74 2.08 0.00	44.82 2.03 0.00

RAVENSWOOD_GT_9 24257	47.82 1.81 0.00	33.93 1.29 0.00	29.39 1.06 0.00	37.39 1.23 0.00	37.97 1.25 0.00	39.74 1.52 0.00	54.98 2.08 0.00	83.97 3.92 0.00	39.13 2.14 0.00	28.55 1.47 0.00	38.99 2.15 0.00	41.04 2.33 0.00	38.86 2.44 0.00	38.30 2.52 0.00	37.40 2.45 0.00	36.31 2.40 0.00	36.94 2.50 0.00	44.81 2.97 0.00	52.84 3.34 0.00	54.67 3.55 0.00	66.46 3.53 0.00	120.59 5.03 0.00	51.74 2.08 0.00	44.82 2.03 0.00
RAVENSWOOD___1 23533	47.90 1.90 0.00	34.01 1.37 0.00	29.45 1.12 0.00	37.47 1.31 0.00	38.06 1.33 0.00	39.85 1.63 0.00	55.13 2.23 0.00	84.30 4.25 0.00	39.31 2.32 -0.01	28.68 1.59 0.00	39.19 2.35 0.00	41.22 2.51 0.00	39.03 2.62 0.00	38.48 2.71 0.00	37.58 2.63 0.00	36.47 2.56 0.00	37.12 2.67 0.00	44.99 3.15 0.00	52.96 3.46 0.00	54.75 3.62 0.00	66.48 3.55 0.00	120.60 5.04 0.00	51.86 2.20 0.00	44.94 2.15 0.00
RAVENSWOOD___2 23534	47.92 1.91 0.00	34.01 1.37 0.00	29.45 1.12 0.00	37.47 1.31 0.00	38.06 1.33 0.00	39.85 1.64 0.00	55.14 2.24 0.00	84.31 4.26 0.00	39.31 2.32 -0.01	28.69 1.60 0.00	39.19 2.35 0.00	41.22 2.51 0.00	39.03 2.62 0.00	38.48 2.71 0.00	37.58 2.63 0.00	36.47 2.56 0.00	37.12 2.67 0.00	44.99 3.15 0.00	52.97 3.46 0.00	54.75 3.63 0.00	66.49 3.56 0.00	120.68 5.11 0.00	51.86 2.20 0.00	44.94 2.15 0.00
RAVENSWOOD___3 23535	47.84 1.83 0.00	33.94 1.30 0.00	29.41 1.08 0.00	37.41 1.25 0.00	37.99 1.27 0.00	39.76 1.54 0.00	55.01 2.11 0.00	84.00 3.94 0.00	39.15 2.16 0.00	28.57 1.48 0.00	39.02 2.18 0.00	41.06 2.35 0.00	38.87 2.45 0.00	38.32 2.55 0.00	37.41 2.47 0.00	36.33 2.42 0.00	36.95 2.51 0.00	44.82 2.99 0.00	52.87 3.37 0.00	54.69 3.56 0.00	66.47 3.54 0.00	120.68 5.11 0.00	51.78 2.12 0.00	44.85 2.06 0.00
RAVENSWOOD___4 23820	47.92 1.91 0.00	34.01 1.37 0.00	29.45 1.12 0.00	37.47 1.31 0.00	38.06 1.33 0.00	39.85 1.64 0.00	55.14 2.24 0.00	84.31 4.26 0.00	39.31 2.32 -0.01	28.69 1.60 0.00	39.19 2.35 0.00	41.22 2.51 0.00	39.03 2.62 0.00	38.48 2.71 0.00	37.58 2.63 0.00	36.47 2.56 0.00	37.12 2.67 0.00	44.99 3.15 0.00	52.97 3.46 0.00	54.75 3.63 0.00	66.49 3.56 0.00	120.68 5.11 0.00	51.86 2.20 0.00	44.94 2.15 0.00
RCPI_TRUST___DRP 24196	47.86 1.86 0.00	33.96 1.32 0.00	29.42 1.08 0.00	37.42 1.26 0.00	38.00 1.27 0.00	39.77 1.56 0.00	55.04 2.14 0.00	84.05 3.99 0.00	39.16 2.17 0.00	28.58 1.49 0.00	39.02 2.19 0.00	41.07 2.36 0.00	38.90 2.48 0.00	38.32 2.55 0.00	37.42 2.48 0.00	36.33 2.42 0.00	36.96 2.52 0.00	44.84 3.00 0.00	52.90 3.39 0.00	54.72 3.60 0.00	66.53 3.59 0.00	120.72 5.15 0.00	51.79 2.13 0.00	44.86 2.06 0.00
RED___ROCHESTER 323720	45.90 -0.11 0.00	32.35 -0.29 0.00	28.04 -0.30 0.00	35.84 -0.32 0.00	36.47 -0.25 0.00	38.29 0.07 0.00	53.23 0.32 0.00	81.80 1.75 0.00	37.83 0.84 0.00	27.79 0.70 0.00	38.06 1.23 0.00	39.65 0.93 0.00	37.19 0.77 0.00	36.47 0.69 0.00	35.57 0.62 0.00	34.52 0.61 0.00	34.97 0.53 0.00	41.91 0.08 0.00	49.80 0.30 0.00	51.87 0.74 0.00	63.89 0.95 0.00	116.88 1.31 0.00	50.29 0.63 0.00	43.18 0.39 0.00
REGAN___SOLAR 323812	48.39 2.39 0.00	34.26 1.62 0.00	29.73 1.39 0.00	37.89 1.73 0.00	38.52 1.80 0.00	40.23 2.01 0.00	55.99 3.09 0.00	84.24 4.19 0.00	37.65 0.67 0.00	27.44 0.36 0.00	37.31 0.47 0.00	39.28 0.56 0.00	36.48 0.06 0.00	36.11 0.33 0.00	35.31 0.36 0.00	34.32 0.41 0.00	34.99 0.55 0.00	43.09 1.26 0.00	51.92 2.41 0.00	54.36 3.23 0.00	66.92 3.99 0.00	122.80 7.23 0.00	52.65 2.99 0.00	45.23 2.44 0.00
RENSSELAER___COGEN 23796	46.54 0.53 0.00	33.23 0.59 0.00	28.86 0.53 0.00	36.77 0.61 0.00	37.27 0.54 0.00	38.81 0.59 0.00	53.60 0.70 0.00	80.90 0.84 0.00	37.54 0.55 0.00	27.44 0.36 0.00	37.18 0.35 0.00	39.21 0.50 0.00	37.02 0.60 0.00	36.42 0.64 0.00	35.65 0.71 0.00	34.59 0.68 0.00	35.07 0.62 0.00	42.58 0.74 0.00	50.35 0.85 0.00	52.07 0.95 0.00	63.80 0.87 0.00	117.04 1.48 0.00	50.32 0.66 0.00	43.43 0.63 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.69 5.68 0.00	36.53 3.89 0.00	31.72 3.39 0.00	40.49 4.33 0.00	40.80 4.08 0.00	42.54 4.32 0.00	57.88 4.98 0.00	85.27 5.21 0.00	39.32 2.33 0.00	28.89 1.80 0.00	39.05 2.22 0.00	40.70 1.99 0.00	38.43 2.01 0.00	37.76 1.99 0.00	37.16 2.21 0.00	36.08 2.17 0.00	36.52 2.07 0.00	45.47 3.63 0.00	54.41 4.90 0.00	56.51 5.38 0.00	69.46 6.53 0.00	128.76 13.19 0.00	55.08 5.42 0.00	47.22 4.43 0.00
REVERE_CPDRP 24186	47.04 1.03 0.00	33.33 0.69 0.00	28.80 0.46 0.00	36.94 0.78 0.00	37.74 1.02 0.00	39.48 1.26 0.00	54.83 1.93 0.00	83.19 3.13 0.00	38.20 1.21 0.00	27.71 0.62 0.00	37.54 0.71 0.00	39.13 0.42 0.00	36.70 0.28 0.00	35.78 0.01 0.00	35.04 0.09 0.00	33.95 0.04 0.00	34.65 0.20 0.00	42.35 0.51 0.00	52.75 1.20 -2.05	54.29 1.69 -1.48	65.41 2.47 0.00	119.33 3.76 0.00	51.05 1.39 0.00	43.78 0.99 0.00
REYNOLDA_13_KV_LD 356490	46.48 0.47 0.00	32.84 0.20 0.00	28.49 0.15 0.00	36.41 0.25 0.00	37.04 0.32 0.00	38.57 0.36 0.00	53.24 0.34 0.00	79.76 -0.29 0.00	36.75 -0.24 0.00	27.07 -0.02 0.00	36.93 0.09 0.00	38.86 0.14 0.00	36.46 0.04 0.00	35.80 0.02 0.00	34.93 -0.02 0.00	33.87 -0.04 0.00	34.39 -0.05 0.00	41.78 -0.06 0.00	48.62 -0.25 0.64	50.26 -0.40 0.46	62.44 -0.49 0.00	114.61 -0.96 0.00	49.45 -0.21 0.00	42.76 -0.03 0.00
REYNOLDS_115KV_TB3 80639	46.97 0.96 0.00	33.52 0.88 0.00	29.12 0.78 0.00	37.10 0.94 0.00	37.57 0.85 0.00	39.14 0.93 0.00	53.97 1.07 0.00	81.41 1.36 0.00	37.79 0.80 0.00	27.63 0.55 0.00	37.46 0.62 0.00	39.55 0.83 0.00	37.33 0.90 0.00	36.72 0.95 0.00	35.94 0.99 0.00	34.89 0.97 0.00	35.38 0.94 0.00	43.05 1.21 0.00	50.90 1.39 0.00	52.60 1.47 0.00	64.44 1.50 0.00	118.32 2.75 0.00	50.87 1.21 0.00	43.88 1.09 0.00
RIVERBAY___ 323610	48.98 2.97 0.00	34.68 2.03 0.00	30.02 1.68 0.00	38.35 2.19 0.00	38.87 2.15 0.00	40.77 2.56 0.00	56.50 3.60 0.00	86.40 6.34 0.00	40.22 3.22 -0.01	29.34 2.25 0.00	40.03 3.19 0.00	42.10 3.39 0.00	39.85 3.43 0.00	39.32 3.54 0.00	38.32 3.38 0.00	37.19 3.27 0.00	37.86 3.41 0.00	45.88 4.04 0.00	54.05 4.54 0.00	55.98 4.85 0.00	68.00 5.06 0.00	123.29 7.72 0.00	52.92 3.26 0.00	45.78 2.99 0.00
RIVERSIDE_115KV_TB3 55908	46.76 0.76 0.00	33.38 0.74 0.00	28.99 0.66 0.00	36.93 0.78 0.00	37.42 0.70 0.00	38.99 0.77 0.00	53.80 0.89 0.00	81.20 1.15 0.00	37.68 0.69 0.00	27.55 0.46 0.00	37.34 0.51 0.00	39.40 0.68 0.00	37.20 0.78 0.00	36.60 0.83 0.00	35.83 0.88 0.00	34.77 0.85 0.00	35.26 0.81 0.00	42.86 1.02 0.00	50.69 1.19 0.00	52.40 1.27 0.00	64.19 1.26 0.00	117.83 2.26 0.00	50.64 0.99 0.00	43.68 0.89 0.00

ROARING__BROOK_WT_PWR 323790	45.50 -0.51 0.00	32.23 -0.42 0.00	27.95 -0.39 0.00	35.74 -0.42 0.00	36.37 -0.35 0.00	37.88 -0.34 0.00	52.68 -0.22 0.00	79.65 -0.40 0.00	36.76 -0.23 0.00	26.92 -0.16 0.00	36.63 -0.21 0.00	38.46 -0.25 0.00	36.12 -0.30 0.00	35.43 -0.35 0.00	34.63 -0.32 0.00	33.60 -0.31 0.00	34.14 -0.30 0.00	41.53 -0.31 0.00	49.10 -0.41 0.00	50.70 -0.43 0.00	62.49 -0.44 0.00	114.80 -0.76 0.00	49.33 -0.33 0.00	42.47 -0.32 0.00
ROCHESRG_115KV_T4 355643	45.26 -0.74 0.00	31.92 -0.72 0.00	27.67 -0.67 0.00	35.37 -0.79 0.00	35.97 -0.75 0.00	37.73 -0.48 0.00	52.27 -0.63 0.00	80.31 0.26 0.00	37.14 0.15 0.00	27.35 0.26 0.00	37.44 0.61 0.00	39.05 0.34 0.00	36.65 0.23 0.00	35.94 0.16 0.00	35.07 0.12 0.00	34.03 0.12 0.00	34.48 0.04 0.00	41.29 -0.55 0.00	49.00 -0.51 0.00	50.97 -0.15 0.00	62.77 -0.17 0.00	114.98 -0.58 0.00	49.48 -0.18 0.00	42.53 -0.26 0.00
ROCHESTER_9_IC 23652	45.63 -0.38 0.00	32.17 -0.47 0.00	27.88 -0.45 0.00	35.65 -0.51 0.00	36.27 -0.46 0.00	38.07 -0.15 0.00	52.86 -0.04 0.00	81.28 1.22 0.00	37.59 0.60 0.00	27.62 0.54 0.00	37.83 0.99 0.00	39.41 0.70 0.00	36.98 0.56 0.00	36.26 0.48 0.00	35.37 0.43 0.00	34.33 0.42 0.00	34.77 0.33 0.00	41.65 -0.19 0.00	49.47 -0.04 0.00	51.51 0.38 0.00	63.44 0.51 0.00	116.15 0.58 0.00	49.97 0.31 0.00	42.92 0.12 0.00
ROCKVIEW_13_KV_LD 356306	47.96 1.96 0.00	34.05 1.41 0.00	29.50 1.16 0.00	37.50 1.34 0.00	38.08 1.36 0.00	39.85 1.64 0.00	55.14 2.24 0.00	84.11 4.05 0.00	39.17 2.17 0.00	28.57 1.48 0.00	39.01 2.17 0.00	41.05 2.34 0.00	38.87 2.44 0.00	38.27 2.50 0.00	37.38 2.44 0.00	36.30 2.39 0.00	36.91 2.46 0.00	44.81 2.97 0.00	52.92 3.42 0.00	54.82 3.69 0.00	66.68 3.74 0.00	121.06 5.49 0.00	51.92 2.26 0.00	44.93 2.13 0.00
ROME____115KV_TB2 80656	47.04 1.03 0.00	33.33 0.69 0.00	28.80 0.46 0.00	36.94 0.78 0.00	37.74 1.02 0.00	39.48 1.26 0.00	54.83 1.93 0.00	83.19 3.13 0.00	38.20 1.21 0.00	27.71 0.62 0.00	37.54 0.71 0.00	39.13 0.42 0.00	36.70 0.28 0.00	35.78 0.01 0.00	35.04 0.09 0.00	33.95 0.04 0.00	34.65 0.20 0.00	42.35 0.51 0.00	52.75 1.20 -2.05	54.29 1.69 -1.48	65.41 2.47 0.00	119.33 3.76 0.00	51.05 1.39 0.00	43.78 0.99 0.00
ROSETON__1 23587	47.51 1.51 0.00	33.73 1.09 0.00	29.25 0.91 0.00	37.22 1.06 0.00	37.79 1.07 0.00	39.47 1.26 0.00	54.60 1.70 0.00	83.10 3.04 0.00	38.61 1.62 0.00	28.16 1.08 0.00	38.38 1.55 0.00	40.42 1.70 0.00	38.21 1.79 0.00	37.62 1.84 0.00	36.75 1.80 0.00	35.68 1.78 0.00	36.30 1.85 0.00	44.13 2.29 0.00	52.18 2.68 0.00	54.04 2.91 0.00	65.87 2.93 0.00	119.96 4.39 0.00	51.42 1.76 0.00	44.46 1.67 0.00
ROSETON__2 23588	47.51 1.51 0.00	33.73 1.09 0.00	29.25 0.91 0.00	37.22 1.06 0.00	37.79 1.07 0.00	39.47 1.26 0.00	54.60 1.70 0.00	83.10 3.04 0.00	38.61 1.62 0.00	28.16 1.08 0.00	38.38 1.55 0.00	40.42 1.70 0.00	38.21 1.79 0.00	37.62 1.84 0.00	36.75 1.80 0.00	35.68 1.78 0.00	36.30 1.85 0.00	44.13 2.29 0.00	52.18 2.68 0.00	54.04 2.91 0.00	65.87 2.93 0.00	119.96 4.39 0.00	51.42 1.76 0.00	44.46 1.67 0.00
ROTTRDAM_115KV_TB3 80664	47.16 1.16 0.00	33.53 0.89 0.00	29.12 0.79 0.00	37.12 0.96 0.00	37.65 0.93 0.00	39.19 0.97 0.00	54.12 1.22 0.00	81.74 1.69 0.00	37.76 0.77 0.00	27.57 0.49 0.00	37.48 0.65 0.00	39.50 0.78 0.00	37.21 0.78 0.00	36.57 0.79 0.00	35.77 0.83 0.00	34.72 0.81 0.00	35.27 0.83 0.00	42.97 1.13 0.00	50.92 1.42 0.00	52.75 1.62 0.00	64.71 1.78 0.00	118.74 3.17 0.00	50.98 1.31 0.00	43.95 1.15 0.00
RUSSELL__1 23602	45.90 -0.11 0.00	32.35 -0.29 0.00	28.03 -0.30 0.00	35.84 -0.32 0.00	36.47 -0.25 0.00	38.29 0.07 0.00	53.21 0.31 0.00	81.81 1.75 0.00	37.84 0.85 0.00	27.79 0.71 0.00	38.06 1.23 0.00	39.65 0.94 0.00	37.19 0.77 0.00	36.47 0.69 0.00	35.57 0.62 0.00	34.52 0.61 0.00	34.97 0.53 0.00	41.91 0.07 0.00	49.81 0.31 0.00	51.89 0.76 0.00	63.88 0.95 0.00	116.95 1.38 0.00	50.29 0.63 0.00	43.18 0.39 0.00
RUSSELL__2 23532	45.90 -0.11 0.00	32.35 -0.29 0.00	28.03 -0.30 0.00	35.84 -0.32 0.00	36.47 -0.25 0.00	38.29 0.07 0.00	53.21 0.31 0.00	81.81 1.75 0.00	37.84 0.85 0.00	27.79 0.71 0.00	38.06 1.23 0.00	39.65 0.94 0.00	37.19 0.77 0.00	36.47 0.69 0.00	35.57 0.62 0.00	34.52 0.61 0.00	34.97 0.53 0.00	41.91 0.07 0.00	49.81 0.31 0.00	51.89 0.76 0.00	63.88 0.95 0.00	116.95 1.38 0.00	50.29 0.63 0.00	43.18 0.39 0.00
RUSSELL__3 23549	45.90 -0.11 0.00	32.35 -0.29 0.00	28.03 -0.30 0.00	35.84 -0.32 0.00	36.47 -0.25 0.00	38.29 0.07 0.00	53.21 0.31 0.00	81.81 1.75 0.00	37.84 0.85 0.00	27.79 0.71 0.00	38.06 1.23 0.00	39.65 0.94 0.00	37.19 0.77 0.00	36.47 0.69 0.00	35.57 0.62 0.00	34.52 0.61 0.00	34.97 0.53 0.00	41.91 0.07 0.00	49.81 0.31 0.00	51.89 0.76 0.00	63.88 0.95 0.00	116.95 1.38 0.00	50.29 0.63 0.00	43.18 0.39 0.00
RUSSELL__4 23556	45.90 -0.11 0.00	32.35 -0.29 0.00	28.03 -0.30 0.00	35.84 -0.32 0.00	36.47 -0.25 0.00	38.29 0.07 0.00	53.21 0.31 0.00	81.81 1.75 0.00	37.84 0.85 0.00	27.79 0.71 0.00	38.06 1.23 0.00	39.65 0.94 0.00	37.19 0.77 0.00	36.47 0.69 0.00	35.57 0.62 0.00	34.52 0.61 0.00	34.97 0.53 0.00	41.91 0.07 0.00	49.81 0.31 0.00	51.89 0.76 0.00	63.88 0.95 0.00	116.95 1.38 0.00	50.29 0.63 0.00	43.18 0.39 0.00
RUSSELL__STATION 23914	45.90 -0.11 0.00	32.35 -0.29 0.00	28.03 -0.30 0.00	35.84 -0.32 0.00	36.47 -0.25 0.00	38.29 0.07 0.00	53.21 0.31 0.00	81.81 1.75 0.00	37.84 0.85 0.00	27.79 0.71 0.00	38.06 1.23 0.00	39.65 0.94 0.00	37.19 0.77 0.00	36.47 0.69 0.00	35.57 0.62 0.00	34.52 0.61 0.00	34.97 0.53 0.00	41.91 0.07 0.00	49.81 0.31 0.00	51.89 0.76 0.00	63.88 0.95 0.00	116.95 1.38 0.00	50.29 0.63 0.00	43.18 0.39 0.00
S SALMON__HYD 24043	43.94 -2.06 0.00	31.10 -1.54 0.00	26.85 -1.48 0.00	34.58 -1.58 0.00	35.41 -1.31 0.00	36.97 -1.24 0.00	51.48 -1.42 0.00	78.26 -1.80 0.00	35.76 -1.23 0.00	25.85 -1.23 0.00	34.58 -2.25 0.00	35.69 -3.03 0.00	33.17 -3.25 0.00	32.23 -3.55 0.00	31.75 -3.19 0.00	30.63 -3.28 0.00	31.23 -3.22 0.00	38.33 -3.51 0.00	41.40 -4.43 3.68	44.91 -3.57 2.65	59.85 -3.09 0.00	109.06 -6.50 0.00	46.66 -3.01 0.00	39.83 -2.96 0.00
S.PERRY__115KV_TB1 80734	46.35 0.34 0.00	32.61 -0.03 0.00	28.23 -0.11 0.00	36.10 -0.06 0.00	36.74 0.02 0.00	38.68 0.46 0.00	53.68 0.77 0.00	82.97 2.92 0.00	38.25 1.27 0.00	28.01 0.93 0.00	38.28 1.44 0.00	39.57 0.85 0.00	37.10 0.68 0.00	36.28 0.50 0.00	35.47 0.53 0.00	34.46 0.55 0.00	35.07 0.63 0.00	41.96 0.12 0.00	50.30 0.80 0.00	53.08 1.95 0.00	65.82 2.88 0.00	120.33 4.77 0.00	51.60 1.94 0.00	44.31 1.51 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.38 -2.62 0.00	30.40 -2.25 0.00	26.31 -2.03 0.00	33.72 -2.44 0.00	34.26 -2.46 0.00	36.03 -2.19 0.00	49.50 -3.40 0.00	77.01 -3.04 0.00	35.69 -1.29 0.00	26.55 -0.54 0.00	36.68 -0.16 0.00	38.13 -0.59 0.00	35.77 -0.65 0.00	35.07 -0.71 0.00	34.29 -0.65 0.00	33.31 -0.60 0.00	33.61 -0.83 0.00	39.48 -2.37 0.00	46.78 -2.73 0.00	49.35 -1.77 0.00	60.87 -2.06 0.00	111.67 -3.90 0.00	48.23 -1.43 0.00	41.47 -1.33 0.00
SAWYER__23_KV_LOAD 55526	43.38 -2.62 0.00	30.40 -2.25 0.00	26.31 -2.03 0.00	33.72 -2.44 0.00	34.26 -2.46 0.00	36.03 -2.19 0.00	49.50 -3.40 0.00	77.01 -3.04 0.00	35.69 -1.29 0.00	26.55 -0.54 0.00	36.68 -0.16 0.00	38.13 -0.59 0.00	35.77 -0.65 0.00	35.07 -0.71 0.00	34.29 -0.65 0.00	33.31 -0.60 0.00	33.61 -0.83 0.00	39.48 -2.37 0.00	46.78 -2.73 0.00	49.35 -1.77 0.00	60.87 -2.06 0.00	111.67 -3.90 0.00	48.23 -1.43 0.00	41.47 -1.33 0.00
SELKIRK__I 23801	46.97 0.96 0.00	33.50 0.86 0.00	29.11 0.78 0.00	37.09 0.93 0.00	37.61 0.89 0.00	39.14 0.93 0.00	54.08 1.18 0.00	81.72 1.67 0.00	37.83 0.84 0.00	27.56 0.47 0.00	37.43 0.59 0.00	39.39 0.68 0.00	37.17 0.75 0.00	36.61 0.83 0.00	35.83 0.89 0.00	34.65 0.73 0.00	35.12 0.67 0.00	42.60 0.76 0.00	50.55 1.04 0.00	52.37 1.24 0.00	64.19 1.26 0.00	117.74 2.17 0.00	50.63 0.98 0.00	43.70 0.91 0.00
SELKIRK__II 23799	46.72 0.71 0.00	33.32 0.67 0.00	28.94 0.61 0.00	36.88 0.72 0.00	37.40 0.67 0.00	38.92 0.71 0.00	53.77 0.87 0.00	81.29 1.24 0.00	37.70 0.71 0.00	27.55 0.46 0.00	37.38 0.55 0.00	39.38 0.67 0.00	37.16 0.74 0.00	36.56 0.78 0.00	35.76 0.82 0.00	34.65 0.74 0.00	35.06 0.61 0.00	42.48 0.64 0.00	50.18 0.67 0.00	51.89 0.77 0.00	63.59 0.66 0.00	116.60 1.04 0.00	50.14 0.48 0.00	43.26 0.47 0.00
SENECA OSWGO__HYD 24041	44.40 -1.61 0.00	31.50 -1.14 0.00	27.34 -1.00 0.00	34.89 -1.27 0.00	35.45 -1.27 0.00	37.00 -1.22 0.00	51.29 -1.61 0.00	77.96 -2.10 0.00	36.05 -0.94 0.00	26.40 -0.68 0.00	35.84 -0.99 0.00	37.51 -1.20 0.00	35.26 -1.16 0.00	34.66 -1.12 0.00	33.80 -1.15 0.00	32.81 -1.10 0.00	33.31 -1.13 0.00	40.42 -1.42 0.00	47.70 -1.58 0.00	49.59 -1.38 0.00	61.28 -1.65 0.00	112.21 -3.36 0.00	48.18 -1.49 0.00	41.46 -1.34 0.00
SENECA__115KV_TB3 355854	43.77 -2.24 0.00	30.71 -1.93 0.00	26.56 -1.77 0.00	34.04 -2.12 0.00	34.57 -2.16 0.00	36.36 -1.86 0.00	50.00 -2.91 0.00	77.79 -2.27 0.00	36.06 -0.93 0.00	26.80 -0.29 0.00	37.02 0.18 0.00	38.42 -0.29 0.00	36.05 -0.37 0.00	35.35 -0.43 0.00	34.58 -0.36 0.00	33.59 -0.32 0.00	33.92 -0.52 0.00	39.87 -1.97 0.00	47.30 -2.21 0.00	49.94 -1.18 0.00	61.69 -1.25 0.00	113.06 -2.50 0.00	48.75 -0.91 0.00	41.93 -0.86 0.00
SENECA__ENERGY 23797	45.64 -0.36 0.00	32.33 -0.31 0.00	28.05 -0.28 0.00	35.81 -0.35 0.00	36.38 -0.34 0.00	38.09 -0.12 0.00	52.83 -0.07 0.00	80.48 0.42 0.00	37.15 0.16 0.00	27.24 0.15 0.00	37.21 0.37 0.00	38.96 0.25 0.00	36.59 0.17 0.00	35.85 0.07 0.00	34.96 0.02 0.00	33.98 0.07 0.00	34.50 0.06 0.00	41.53 -0.31 0.00	49.46 -0.05 0.00	51.55 0.43 0.00	63.58 0.64 0.00	116.25 0.68 0.00	49.88 0.22 0.00	42.99 0.20 0.00
SHOEMAKER__GT 23640	47.64 1.64 0.00	33.80 1.16 0.00	29.31 0.98 0.00	37.31 1.15 0.00	37.89 1.16 0.00	39.59 1.38 0.00	54.81 1.91 0.00	83.41 3.36 0.00	38.67 1.68 0.00	28.13 1.05 0.00	38.34 1.50 0.00	40.39 1.67 0.00	38.14 1.72 0.00	37.50 1.72 0.00	36.63 1.69 0.00	35.58 1.66 0.00	36.21 1.76 0.00	44.14 2.30 0.00	52.24 2.73 0.00	54.23 3.11 0.00	66.15 3.21 0.00	120.51 4.94 0.00	51.63 1.97 0.00	44.62 1.83 0.00
SHOEMAKR_138KV_BK 111 55601	47.61 1.61 0.00	33.78 1.14 0.00	29.29 0.96 0.00	37.28 1.12 0.00	37.85 1.13 0.00	39.56 1.34 0.00	54.77 1.87 0.00	83.38 3.33 0.00	38.68 1.69 0.00	28.16 1.07 0.00	38.38 1.55 0.00	40.42 1.71 0.00	38.19 1.77 0.00	37.56 1.78 0.00	36.69 1.74 0.00	35.63 1.72 0.00	36.27 1.82 0.00	44.15 2.31 0.00	52.24 2.73 0.00	54.21 3.08 0.00	66.10 3.17 0.00	120.40 4.84 0.00	51.58 1.92 0.00	44.59 1.79 0.00
SHOREHAM_IC_1 23715	47.52 1.51 0.00	33.89 1.25 0.00	29.47 1.13 0.00	37.39 1.23 0.00	37.84 1.12 0.00	39.52 1.30 0.00	55.86 0.65 -2.31	69.18 1.27 12.14	40.00 1.36 -1.64	28.48 1.39 0.00	45.96 2.43 -6.69	42.35 2.98 -0.66	39.01 2.59 0.00	37.92 2.15 0.00	36.89 1.94 0.00	36.05 2.14 0.00	36.06 1.62 0.00	43.63 1.70 -0.09	53.06 1.75 -1.80	58.18 2.47 -4.58	71.97 2.37 -6.67	121.37 2.68 -3.13	34.99 0.77 15.45	31.63 0.87 12.03
SHOREHAM_IC_2 23716	47.52 1.51 0.00	33.89 1.25 0.00	29.47 1.13 0.00	37.39 1.23 0.00	37.84 1.12 0.00	39.52 1.30 0.00	55.86 0.65 -2.31	69.18 1.27 12.14	40.00 1.36 -1.64	28.48 1.39 0.00	45.96 2.43 -6.69	42.35 2.98 -0.66	39.01 2.59 0.00	37.92 2.15 0.00	36.89 1.94 0.00	36.05 2.14 0.00	36.06 1.62 0.00	43.63 1.70 -0.09	53.06 1.75 -1.80	58.18 2.47 -4.58	71.97 2.37 -6.67	121.37 2.68 -3.13	34.99 0.77 15.45	31.63 0.87 12.03
SISSONVILLE__ 23735	44.74 -1.26 0.00	31.59 -1.05 0.00	27.33 -1.00 0.00	35.06 -1.10 0.00	35.80 -0.92 0.00	37.31 -0.91 0.00	51.75 -1.15 0.00	77.86 -2.20 0.00	35.61 -1.38 0.00	25.96 -1.12 0.00	35.24 -1.60 0.00	37.00 -1.71 0.00	34.63 -1.79 0.00	33.92 -1.86 0.00	33.11 -1.84 0.00	32.06 -1.85 0.00	32.60 -1.84 0.00	39.80 -2.04 0.00	44.69 -2.53 2.29	47.12 -2.35 1.65	60.58 -2.35 0.00	111.18 -4.38 0.00	47.75 -1.91 0.00	41.09 -1.71 0.00
SITHE_IND_GS1 24169	44.32 -1.68 0.00	31.46 -1.19 0.00	27.31 -1.02 0.00	34.83 -1.33 0.00	35.39 -1.33 0.00	36.90 -1.31 0.00	51.12 -1.78 0.00	77.63 -2.42 0.00	35.89 -1.10 0.00	26.31 -0.78 0.00	35.75 -1.09 0.00	37.48 -1.23 0.00	35.26 -1.16 0.00	34.63 -1.15 0.00	33.80 -1.14 0.00	32.81 -1.10 0.00	33.33 -1.12 0.00	40.39 -1.45 0.00	47.84 -1.67 0.00	49.55 -1.58 0.00	60.97 -1.97 0.00	111.74 -3.83 0.00	48.01 -1.65 0.00	41.35 -1.44 0.00
SITHE_IND_GS2 24170	44.32 -1.68 0.00	31.46 -1.19 0.00	27.31 -1.02 0.00	34.83 -1.33 0.00	35.39 -1.33 0.00	36.90 -1.31 0.00	51.12 -1.78 0.00	77.63 -2.42 0.00	35.89 -1.10 0.00	26.31 -0.78 0.00	35.75 -1.09 0.00	37.48 -1.23 0.00	35.26 -1.16 0.00	34.63 -1.15 0.00	33.80 -1.14 0.00	32.81 -1.10 0.00	33.33 -1.12 0.00	40.39 -1.45 0.00	47.84 -1.67 0.00	49.55 -1.58 0.00	60.97 -1.97 0.00	111.74 -3.83 0.00	48.01 -1.65 0.00	41.35 -1.44 0.00
SITHE_IND_GS3 24171	44.32 -1.68 0.00	31.46 -1.19 0.00	27.31 -1.02 0.00	34.83 -1.33 0.00	35.39 -1.33 0.00	36.90 -1.31 0.00	51.12 -1.78 0.00	77.63 -2.42 0.00	35.89 -1.10 0.00	26.31 -0.78 0.00	35.75 -1.09 0.00	37.48 -1.23 0.00	35.26 -1.16 0.00	34.63 -1.15 0.00	33.80 -1.14 0.00	32.81 -1.10 0.00	33.33 -1.12 0.00	40.39 -1.45 0.00	47.84 -1.67 0.00	49.55 -1.58 0.00	60.97 -1.97 0.00	111.74 -3.83 0.00	48.01 -1.65 0.00	41.35 -1.44 0.00

SITHE_IND_GS4 24172	44.32 -1.68 0.00	31.46 -1.19 0.00	27.31 -1.02 0.00	34.83 -1.33 0.00	35.39 -1.33 0.00	36.90 -1.31 0.00	51.12 -1.78 0.00	77.63 -2.42 0.00	35.89 -1.10 0.00	26.31 -0.78 0.00	35.75 -1.09 0.00	37.48 -1.23 0.00	35.26 -1.16 0.00	34.63 -1.15 0.00	33.80 -1.14 0.00	32.81 -1.10 0.00	33.33 -1.12 0.00	40.39 -1.45 0.00	47.84 -1.67 0.00	49.55 -1.58 0.00	60.97 -1.97 0.00	111.74 -3.83 0.00	48.01 -1.65 0.00	41.35 -1.44 0.00
SITHE__BATAVIA 24024	44.94 -1.07 0.00	31.56 -1.09 0.00	27.34 -0.99 0.00	35.00 -1.16 0.00	35.65 -1.07 0.00	37.53 -0.68 0.00	51.89 -1.01 0.00	80.51 0.45 0.00	37.23 0.24 0.00	27.45 0.37 0.00	37.70 0.87 0.00	39.16 0.45 0.00	36.66 0.24 0.00	35.87 0.09 0.00	34.89 -0.05 0.00	33.88 -0.03 0.00	34.04 -0.40 0.00	40.45 -1.39 0.00	48.12 -1.38 0.00	51.09 -0.03 0.00	63.23 0.29 0.00	115.80 0.23 0.00	49.93 0.27 0.00	42.79 0.00 0.00
SITHE__INDEPEND 23800	44.32 -1.68 0.00	31.45 -1.19 0.00	27.31 -1.03 0.00	34.83 -1.33 0.00	35.39 -1.33 0.00	36.91 -1.31 0.00	51.12 -1.78 0.00	77.63 -2.42 0.00	35.89 -1.10 0.00	26.31 -0.78 0.00	35.75 -1.09 0.00	37.48 -1.23 0.00	35.26 -1.16 0.00	34.63 -1.15 0.00	33.81 -1.14 0.00	32.81 -1.10 0.00	33.33 -1.12 0.00	40.40 -1.44 0.00	47.84 -1.67 0.00	49.55 -1.57 0.00	60.96 -1.97 0.00	111.73 -3.83 0.00	48.01 -1.65 0.00	41.35 -1.44 0.00
SITHE__MASSENA 23902	46.27 0.26 0.00	32.70 0.06 0.00	28.34 0.01 0.00	36.25 0.09 0.00	36.90 0.17 0.00	38.44 0.22 0.00	53.21 0.30 0.00	80.12 0.06 0.00	36.79 -0.20 0.00	26.95 -0.14 0.00	36.69 -0.15 0.00	38.61 -0.11 0.00	36.21 -0.21 0.00	35.54 -0.24 0.00	34.66 -0.28 0.00	33.61 -0.30 0.00	34.14 -0.31 0.00	41.53 -0.31 0.00	48.13 -0.45 0.93	50.01 -0.45 0.67	62.64 -0.29 0.00	115.14 -0.43 0.00	49.52 -0.14 0.00	42.68 -0.11 0.00
SITHE__OGDNSBRG 24021	46.44 0.44 0.00	32.79 0.15 0.00	28.38 0.04 0.00	36.38 0.22 0.00	37.13 0.41 0.00	38.75 0.53 0.00	53.67 0.77 0.00	80.60 0.54 0.00	36.70 -0.29 0.00	26.67 -0.42 0.00	36.25 -0.59 0.00	38.14 -0.57 0.00	35.72 -0.70 0.00	35.05 -0.73 0.00	34.20 -0.75 0.00	33.12 -0.79 0.00	33.66 -0.79 0.00	41.04 -0.79 0.00	46.66 -1.09 1.76	49.33 -0.53 1.27	62.97 0.04 0.00	115.58 0.02 0.00	49.66 0.00 0.00	42.75 -0.05 0.00
SITHE__STERLING 23777	46.79 0.78 0.00	33.17 0.53 0.00	28.72 0.39 0.00	36.75 0.60 0.00	37.42 0.70 0.00	39.12 0.90 0.00	54.29 1.39 0.00	82.37 2.32 0.00	37.90 0.91 0.00	27.58 0.50 0.00	37.45 0.62 0.00	39.15 0.43 0.00	36.76 0.34 0.00	35.92 0.14 0.00	35.11 0.17 0.00	34.03 0.12 0.00	34.70 0.26 0.00	42.30 0.46 0.00	51.79 1.05 -1.24	53.40 1.38 -0.89	64.90 1.97 0.00	118.65 3.08 0.00	50.82 1.16 0.00	43.67 0.88 0.00
SLEIGHT__34_KV_TB1 80719	45.87 -0.14 0.00	32.40 -0.24 0.00	28.10 -0.23 0.00	35.90 -0.25 0.00	36.51 -0.21 0.00	38.28 0.06 0.00	53.11 0.21 0.00	81.33 1.27 0.00	37.57 0.58 0.00	27.61 0.53 0.00	37.67 0.83 0.00	39.33 0.62 0.00	36.91 0.49 0.00	36.18 0.41 0.00	35.27 0.33 0.00	34.24 0.32 0.00	34.71 0.26 0.00	41.77 -0.07 0.00	49.65 0.15 0.00	51.77 0.65 0.00	63.76 0.82 0.00	116.70 1.14 0.00	50.14 0.48 0.00	43.09 0.29 0.00
SMITHTWN_69_KV_BK 1 55830	47.50 1.49 0.00	34.10 1.46 0.00	29.62 1.28 0.00	37.57 1.41 0.00	38.04 1.31 0.00	39.61 1.39 0.00	54.42 1.15 -0.37	67.81 2.22 14.47	39.45 1.70 -0.77	28.63 1.54 0.00	46.00 2.44 -6.73	42.24 2.86 -0.67	39.06 2.64 0.00	38.12 2.34 0.00	37.19 2.25 0.00	36.19 2.28 0.00	36.22 1.78 0.00	42.58 1.98 1.24	51.68 2.32 0.15	56.21 2.95 -2.14	68.94 2.89 -3.11	118.59 3.51 0.48	35.06 1.27 15.87	31.95 1.23 12.07
SOUTH CAIRO__GT 23612	48.11 2.11 0.00	34.29 1.65 0.00	29.78 1.44 0.00	37.98 1.83 0.00	38.53 1.81 0.00	40.22 2.01 0.00	55.74 2.84 0.00	84.47 4.41 0.00	38.91 1.92 0.00	28.28 1.20 0.00	38.25 1.42 0.00	40.02 1.30 0.00	37.60 1.18 0.00	37.07 1.29 0.00	36.37 1.43 0.00	35.46 1.55 0.00	35.74 1.29 0.00	43.38 1.54 0.00	51.67 2.16 0.00	53.87 2.75 0.00	66.36 3.42 0.00	120.69 5.12 0.00	52.18 2.52 0.00	44.92 2.13 0.00
SOUTH HAMPTN__IC 23720	47.47 1.46 0.00	33.81 1.17 0.00	29.46 1.12 0.00	37.52 1.36 0.00	38.04 1.31 0.00	39.79 1.58 0.00	56.68 1.25 -2.53	70.78 2.63 11.90	40.65 1.91 -1.74	28.83 1.75 0.00	46.43 2.92 -6.68	42.84 3.47 -0.66	39.57 3.15 0.00	38.18 2.41 0.00	37.02 2.07 0.00	36.28 2.37 0.00	36.47 2.03 0.00	44.38 2.31 -0.23	54.07 2.55 -2.01	59.52 3.54 -4.85	73.70 3.70 -7.07	123.96 4.87 -3.53	35.57 1.33 15.42	31.59 0.84 12.04
SOUTHDOWN_115KV_TB1 355954	45.23 -0.78 0.00	31.71 -0.93 0.00	27.47 -0.86 0.00	35.28 -0.88 0.00	35.62 -1.10 0.00	37.64 -0.58 0.00	51.76 -1.14 0.00	80.72 0.66 0.00	37.37 0.38 0.00	27.74 0.66 0.00	38.39 1.56 0.00	39.73 1.02 0.00	37.28 0.86 0.00	36.53 0.76 0.00	35.74 0.80 0.00	34.77 0.86 0.00	35.10 0.65 0.00	41.40 -0.43 0.00	49.39 -0.11 0.00	52.27 1.15 0.00	64.81 1.88 0.00	118.25 2.68 0.00	50.61 0.96 0.00	43.69 0.89 0.00
SOUTHOLD_69_KV_BK 2 55809	47.27 1.27 0.00	33.64 1.00 0.00	29.34 1.00 0.00	37.47 1.31 0.00	38.03 1.31 0.00	39.84 1.62 0.00	56.90 1.48 -2.52	71.38 3.22 11.90	40.86 2.14 -1.74	28.99 1.91 0.00	46.67 3.16 -6.68	43.10 3.72 -0.66	39.82 3.40 0.00	38.24 2.46 0.00	36.99 2.04 0.00	36.34 2.43 0.00	36.64 2.20 0.00	44.69 2.62 -0.23	54.44 2.92 -2.01	60.05 4.07 -4.85	74.38 4.39 -7.06	124.98 5.89 -3.52	35.75 1.52 15.42	31.38 0.63 12.04
SOUTHOLD__IC 23719	47.28 1.28 0.00	33.64 0.99 0.00	29.34 1.00 0.00	37.47 1.31 0.00	38.03 1.31 0.00	39.84 1.62 0.00	56.85 1.43 -2.52	71.37 3.22 11.90	40.86 2.13 -1.74	28.98 1.90 0.00	46.66 3.15 -6.68	43.11 3.73 -0.66	39.82 3.40 0.00	38.24 2.46 0.00	36.98 2.04 0.00	36.34 2.43 0.00	36.64 2.20 0.00	44.67 2.60 -0.23	54.42 2.91 -2.01	60.05 4.07 -4.85	74.39 4.39 -7.06	125.05 5.96 -3.52	35.75 1.52 15.42	31.37 0.62 12.04
SOUTH_FORK_WT_PWR 323839	46.71 0.71 0.00	33.18 0.54 0.00	28.99 0.66 0.00	37.15 0.99 0.00	37.74 1.01 0.00	39.58 1.36 0.00	56.60 1.18 -2.52	71.35 3.19 11.90	40.83 2.10 -1.74	28.96 1.88 0.00	46.64 3.12 -6.68	43.08 3.70 -0.66	39.82 3.40 0.00	38.05 2.27 0.00	36.73 1.78 0.00	36.20 2.28 0.00	36.63 2.19 0.00	44.70 2.63 -0.23	54.42 2.91 -2.01	60.21 4.23 -4.85	74.61 4.61 -7.07	125.33 6.24 -3.52	35.55 1.31 15.42	30.78 0.03 12.04
SPIERFLS_115KV_TB 1 80737	48.50 2.49 0.00	34.47 1.83 0.00	29.94 1.61 0.00	38.00 1.84 0.00	38.37 1.64 0.00	39.73 1.52 0.00	54.51 1.61 0.00	81.65 1.59 0.00	37.67 0.69 0.00	27.45 0.37 0.00	37.23 0.40 0.00	39.31 0.59 0.00	37.03 0.61 0.00	36.43 0.65 0.00	35.64 0.70 0.00	34.56 0.64 0.00	35.07 0.62 0.00	42.99 1.15 0.00	51.22 1.72 0.00	53.13 2.00 0.00	65.19 2.25 0.00	120.04 4.47 0.00	51.50 1.84 0.00	44.27 1.48 0.00

ST LAWRENCE____ 23600	46.04 0.03 0.00	32.56 -0.09 0.00	28.24 -0.09 0.00	36.11 -0.05 0.00	36.72 0.00 0.00	38.21 -0.01 0.00	52.93 0.03 0.00	79.70 -0.36 0.00	36.65 -0.34 0.00	26.89 -0.19 0.00	36.61 -0.22 0.00	38.53 -0.19 0.00	36.16 -0.26 0.00	35.49 -0.28 0.00	34.64 -0.31 0.00	33.58 -0.33 0.00	34.10 -0.35 0.00	41.47 -0.37 0.00	48.45 -0.52 0.53	50.15 -0.59 0.39	62.41 -0.53 0.00	114.77 -0.80 0.00	49.38 -0.27 0.00	42.54 -0.26 0.00
STATE_CA_115KV_115_LB 55624	46.75 0.75 0.00	33.37 0.73 0.00	28.98 0.65 0.00	36.92 0.77 0.00	37.42 0.70 0.00	38.98 0.77 0.00	53.84 0.94 0.00	81.29 1.24 0.00	37.72 0.73 0.00	27.57 0.49 0.00	37.37 0.53 0.00	39.42 0.71 0.00	37.26 0.83 0.00	36.67 0.90 0.00	35.88 0.93 0.00	34.83 0.92 0.00	35.31 0.87 0.00	42.90 1.06 0.00	50.78 1.28 0.00	52.49 1.36 0.00	64.31 1.37 0.00	117.86 2.30 0.00	50.67 1.01 0.00	43.71 0.91 0.00
STATE_ST_34_KV_LOAD 55959	45.90 -0.10 0.00	32.52 -0.12 0.00	28.24 -0.10 0.00	36.03 -0.13 0.00	36.60 -0.11 0.00	38.28 0.06 0.00	53.10 0.20 0.00	80.83 0.78 0.00	37.25 0.26 0.00	27.28 0.20 0.00	37.16 0.32 0.00	38.77 0.06 0.00	36.44 0.02 0.00	35.77 0.00 0.00	34.88 -0.07 0.00	33.91 0.00 0.00	34.41 -0.04 0.00	41.69 -0.15 0.00	49.55 0.04 0.00	51.61 0.49 0.00	63.58 0.65 0.00	116.36 0.80 0.00	49.94 0.28 0.00	43.02 0.22 0.00
STATION_5_MISC_HYD 23604	45.63 -0.38 0.00	32.17 -0.47 0.00	27.89 -0.45 0.00	35.65 -0.51 0.00	36.27 -0.46 0.00	38.07 -0.15 0.00	52.87 -0.03 0.00	81.28 1.22 0.00	37.58 0.59 0.00	27.62 0.54 0.00	37.83 0.99 0.00	39.41 0.70 0.00	36.98 0.56 0.00	36.26 0.49 0.00	35.38 0.43 0.00	34.32 0.41 0.00	34.77 0.33 0.00	41.66 -0.18 0.00	49.47 -0.04 0.00	51.48 0.36 0.00	63.44 0.51 0.00	116.15 0.59 0.00	49.96 0.30 0.00	42.92 0.12 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.81 -0.19 0.00	32.37 -0.27 0.00	28.07 -0.26 0.00	35.88 -0.28 0.00	36.48 -0.24 0.00	38.26 0.05 0.00	53.06 0.16 0.00	81.31 1.25 0.00	37.57 0.58 0.00	27.60 0.51 0.00	37.73 0.90 0.00	39.35 0.63 0.00	36.93 0.51 0.00	36.22 0.45 0.00	35.34 0.39 0.00	34.32 0.41 0.00	34.81 0.36 0.00	41.83 -0.01 0.00	49.72 0.21 0.00	51.80 0.67 0.00	63.82 0.89 0.00	116.74 1.17 0.00	50.17 0.51 0.00	43.14 0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.56 -0.45 0.00	32.13 -0.51 0.00	27.86 -0.48 0.00	35.60 -0.56 0.00	36.22 -0.50 0.00	38.00 -0.22 0.00	52.68 -0.22 0.00	80.94 0.88 0.00	37.43 0.44 0.00	27.56 0.47 0.00	37.72 0.88 0.00	39.35 0.64 0.00	36.92 0.50 0.00	36.21 0.43 0.00	35.32 0.38 0.00	34.27 0.36 0.00	34.73 0.29 0.00	41.64 -0.20 0.00	49.45 -0.06 0.00	51.45 0.33 0.00	63.36 0.43 0.00	116.03 0.47 0.00	49.90 0.24 0.00	42.87 0.08 0.00
STA_56____34_KV_BUS2 355983	45.56 -0.45 0.00	32.13 -0.51 0.00	27.86 -0.48 0.00	35.60 -0.56 0.00	36.22 -0.50 0.00	38.00 -0.22 0.00	52.68 -0.22 0.00	80.94 0.88 0.00	37.43 0.44 0.00	27.56 0.47 0.00	37.72 0.88 0.00	39.35 0.64 0.00	36.92 0.50 0.00	36.21 0.43 0.00	35.32 0.38 0.00	34.27 0.36 0.00	34.73 0.29 0.00	41.64 -0.20 0.00	49.45 -0.06 0.00	51.45 0.33 0.00	63.36 0.43 0.00	116.03 0.47 0.00	49.90 0.24 0.00	42.87 0.08 0.00
STA_67____115KV_BK2 355882	45.53 -0.47 0.00	32.09 -0.55 0.00	27.83 -0.51 0.00	35.56 -0.60 0.00	36.19 -0.54 0.00	37.97 -0.25 0.00	52.73 -0.17 0.00	81.07 1.01 0.00	37.50 0.51 0.00	27.56 0.48 0.00	37.72 0.89 0.00	39.32 0.61 0.00	36.89 0.47 0.00	36.17 0.40 0.00	35.29 0.34 0.00	34.24 0.33 0.00	34.70 0.25 0.00	41.55 -0.29 0.00	49.34 -0.17 0.00	51.35 0.23 0.00	63.27 0.33 0.00	115.82 0.25 0.00	49.84 0.18 0.00	42.82 0.02 0.00
STA_7____115KV_9TRANS 80674	45.90 -0.11 0.00	32.35 -0.29 0.00	28.03 -0.30 0.00	35.84 -0.32 0.00	36.47 -0.25 0.00	38.29 0.07 0.00	53.21 0.31 0.00	81.81 1.75 0.00	37.84 0.85 0.00	27.79 0.71 0.00	38.06 1.23 0.00	39.65 0.94 0.00	37.19 0.77 0.00	36.47 0.69 0.00	35.57 0.62 0.00	34.52 0.61 0.00	34.97 0.53 0.00	41.91 0.07 0.00	49.81 0.31 0.00	51.89 0.76 0.00	63.88 0.95 0.00	116.95 1.38 0.00	50.29 0.63 0.00	43.18 0.39 0.00
STA_82____115KV_TB1 80780	45.48 -0.52 0.00	32.06 -0.58 0.00	27.79 -0.54 0.00	35.52 -0.64 0.00	36.15 -0.58 0.00	37.93 -0.29 0.00	52.59 -0.31 0.00	80.86 0.81 0.00	37.39 0.40 0.00	27.52 0.43 0.00	37.66 0.83 0.00	39.26 0.55 0.00	36.83 0.41 0.00	36.12 0.35 0.00	35.24 0.29 0.00	34.20 0.29 0.00	34.65 0.20 0.00	41.49 -0.35 0.00	49.26 -0.25 0.00	51.28 0.16 0.00	63.17 0.24 0.00	115.69 0.12 0.00	49.78 0.12 0.00	42.77 -0.02 0.00
STEEL____WIND 323596	43.72 -2.29 0.00	30.67 -1.97 0.00	26.53 -1.80 0.00	33.99 -2.17 0.00	34.52 -2.20 0.00	36.30 -1.91 0.00	49.89 -3.01 0.00	77.68 -2.37 0.00	36.01 -0.98 0.00	26.76 -0.32 0.00	36.96 0.12 0.00	38.35 -0.36 0.00	36.00 -0.42 0.00	35.27 -0.51 0.00	34.53 -0.41 0.00	33.53 -0.37 0.00	33.87 -0.58 0.00	39.80 -2.04 0.00	47.23 -2.27 0.00	49.85 -1.28 0.00	61.58 -1.35 0.00	112.86 -2.71 0.00	48.65 -1.01 0.00	41.88 -0.92 0.00
STEPHTWN_115KV_BK_2 55603	47.06 1.06 0.00	33.57 0.93 0.00	29.13 0.80 0.00	37.10 0.95 0.00	37.62 0.90 0.00	39.24 1.02 0.00	54.27 1.37 0.00	81.98 1.93 0.00	38.02 1.02 0.00	27.77 0.69 0.00	37.65 0.81 0.00	39.64 0.92 0.00	37.41 0.98 0.00	36.83 1.05 0.00	36.03 1.09 0.00	34.98 1.07 0.00	35.43 0.99 0.00	43.10 1.27 0.00	51.07 1.56 0.00	52.82 1.70 0.00	64.68 1.75 0.00	118.54 2.98 0.00	50.89 1.23 0.00	43.86 1.07 0.00
STEBEN_REC_LFGE 323667	44.70 -1.30 0.00	31.49 -1.15 0.00	27.26 -1.08 0.00	34.80 -1.36 0.00	35.43 -1.29 0.00	37.09 -1.12 0.00	51.15 -1.75 0.00	79.03 -1.03 0.00	36.53 -0.46 0.00	26.84 -0.24 0.00	36.93 0.10 0.00	38.08 -0.63 0.00	35.65 -0.77 0.00	35.20 -0.58 0.00	34.47 -0.48 0.00	33.61 -0.30 0.00	34.25 -0.20 0.00	40.54 -1.30 0.00	48.71 -0.80 0.00	51.87 0.74 0.00	64.31 1.38 0.00	117.58 2.02 0.00	50.34 0.68 0.00	43.42 0.62 0.00
STILLWATER____SOLAR 323814	48.00 1.99 0.00	34.17 1.53 0.00	29.68 1.34 0.00	37.78 1.62 0.00	38.25 1.53 0.00	39.81 1.59 0.00	54.81 1.91 0.00	82.40 2.35 0.00	38.03 1.04 0.00	27.72 0.64 0.00	37.61 0.78 0.00	39.75 1.03 0.00	37.47 1.05 0.00	36.82 1.05 0.00	36.07 1.12 0.00	35.01 1.10 0.00	35.55 1.10 0.00	43.41 1.57 0.00	51.60 2.10 0.00	53.50 2.37 0.00	65.61 2.67 0.00	120.57 5.01 0.00	51.76 2.10 0.00	44.57 1.78 0.00
STONY____BROOK 24151	47.44 1.44 0.00	34.04 1.40 0.00	29.57 1.24 0.00	37.51 1.34 0.00	37.98 1.26 0.00	39.55 1.34 0.00	55.35 1.01 -1.44	68.94 2.06 13.17	39.88 1.64 -1.25	28.59 1.51 0.00	45.95 2.40 -6.71	42.22 2.84 -0.66	39.03 2.61 0.00	38.07 2.30 0.00	37.13 2.18 0.00	36.14 2.23 0.00	36.19 1.74 0.00	43.24 1.91 0.51	52.66 2.23 -0.92	57.44 2.83 -3.48	70.78 2.77 -5.07	120.45 3.38 -1.51	35.24 1.20 15.62	31.92 1.16 12.04

STURGEON_POOL_HYD 23609	47.76 1.76 0.00	33.88 1.24 0.00	29.39 1.06 0.00	37.40 1.24 0.00	37.98 1.26 0.00	39.69 1.47 0.00	54.97 2.07 0.00	83.74 3.68 0.00	38.88 1.89 0.00	28.33 1.24 0.00	38.71 1.88 0.00	40.78 2.06 0.00	38.48 2.06 0.00	37.83 2.05 0.00	36.92 1.98 0.00	35.91 2.00 0.00	36.60 2.16 0.00	44.51 2.68 0.00	52.64 3.14 0.00	54.54 3.41 0.00	66.50 3.56 0.00	121.01 5.45 0.00	51.84 2.18 0.00	44.79 2.00 0.00
ST_LAW_115_BK7_LBMP 345037	46.04 0.03 0.00	32.55 -0.09 0.00	28.23 -0.10 0.00	36.10 -0.06 0.00	36.71 -0.01 0.00	38.21 -0.01 0.00	52.92 0.02 0.00	79.63 -0.42 0.00	36.61 -0.38 0.00	26.86 -0.22 0.00	36.58 -0.25 0.00	38.50 -0.21 0.00	36.12 -0.30 0.00	35.46 -0.32 0.00	34.60 -0.34 0.00	33.55 -0.36 0.00	34.07 -0.38 0.00	41.42 -0.41 0.00	48.29 -0.57 0.64	50.01 -0.66 0.46	62.33 -0.60 0.00	114.58 -0.99 0.00	49.32 -0.34 0.00	42.49 -0.30 0.00
ST_LAW_115_BK8_LBMP 345038	46.04 0.03 0.00	32.55 -0.09 0.00	28.23 -0.10 0.00	36.10 -0.06 0.00	36.71 -0.01 0.00	38.21 -0.01 0.00	52.92 0.02 0.00	79.63 -0.42 0.00	36.61 -0.38 0.00	26.86 -0.22 0.00	36.58 -0.25 0.00	38.50 -0.21 0.00	36.12 -0.30 0.00	35.46 -0.32 0.00	34.60 -0.34 0.00	33.55 -0.36 0.00	34.07 -0.38 0.00	41.42 -0.41 0.00	48.29 -0.57 0.64	50.01 -0.66 0.46	62.33 -0.60 0.00	114.58 -0.99 0.00	49.32 -0.34 0.00	42.49 -0.30 0.00
ST_LAW_230_BK5_LBMP 345035	46.04 0.03 0.00	32.56 -0.09 0.00	28.24 -0.09 0.00	36.11 -0.05 0.00	36.72 0.00 0.00	38.21 -0.01 0.00	52.93 0.03 0.00	79.70 -0.36 0.00	36.65 -0.34 0.00	26.89 -0.19 0.00	36.61 -0.22 0.00	38.53 -0.19 0.00	36.16 -0.26 0.00	35.49 -0.28 0.00	34.64 -0.31 0.00	33.58 -0.33 0.00	34.10 -0.35 0.00	41.47 -0.37 0.00	48.51 -0.52 0.48	50.20 -0.59 0.34	62.41 -0.53 0.00	114.77 -0.80 0.00	49.38 -0.27 0.00	42.54 -0.26 0.00
ST_LAW_230_BK6_LBMP 345036	46.04 0.03 0.00	32.56 -0.09 0.00	28.24 -0.09 0.00	36.11 -0.05 0.00	36.72 0.00 0.00	38.21 -0.01 0.00	52.93 0.03 0.00	79.70 -0.36 0.00	36.65 -0.34 0.00	26.89 -0.19 0.00	36.61 -0.22 0.00	38.53 -0.19 0.00	36.16 -0.26 0.00	35.49 -0.28 0.00	34.64 -0.31 0.00	33.58 -0.33 0.00	34.10 -0.35 0.00	41.47 -0.37 0.00	48.51 -0.52 0.48	50.20 -0.59 0.34	62.41 -0.53 0.00	114.77 -0.80 0.00	49.38 -0.27 0.00	42.54 -0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.64 1.64 0.00	33.80 1.16 0.00	29.29 0.95 0.00	37.26 1.10 0.00	37.84 1.12 0.00	39.56 1.35 0.00	54.78 1.88 0.00	83.48 3.43 0.00	38.80 1.81 0.00	28.27 1.19 0.00	38.56 1.73 0.00	40.58 1.86 0.00	38.39 1.97 0.00	37.81 2.04 0.00	36.93 1.98 0.00	35.87 1.95 0.00	36.52 2.07 0.00	44.34 2.50 0.00	52.44 2.94 0.00	54.36 3.23 0.00	66.21 3.27 0.00	120.43 4.87 0.00	51.59 1.93 0.00	44.62 1.82 0.00
SWANROAD_115KV_TB1 355699	42.55 -3.45 0.00	29.83 -2.81 0.00	25.82 -2.52 0.00	33.09 -3.07 0.00	33.68 -3.04 0.00	35.37 -2.85 0.00	48.50 -4.41 0.00	75.48 -4.57 0.00	35.04 -1.95 0.00	26.05 -1.03 0.00	35.97 -0.86 0.00	37.45 -1.27 0.00	35.11 -1.32 0.00	34.41 -1.36 0.00	33.60 -1.35 0.00	32.63 -1.29 0.00	32.87 -1.58 0.00	38.52 -3.32 0.00	45.62 -3.89 0.00	48.22 -2.91 0.00	59.48 -3.46 0.00	109.27 -6.30 0.00	47.35 -2.31 0.00	40.61 -2.19 0.00
SYNERGY___BIOGAS 323694	44.94 -1.06 0.00	31.55 -1.09 0.00	27.34 -0.99 0.00	35.00 -1.16 0.00	35.65 -1.07 0.00	37.53 -0.69 0.00	51.88 -1.03 0.00	80.51 0.45 0.00	37.23 0.24 0.00	27.45 0.36 0.00	37.69 0.86 0.00	39.17 0.45 0.00	36.66 0.24 0.00	35.86 0.09 0.00	34.89 -0.05 0.00	33.88 -0.03 0.00	34.05 -0.40 0.00	40.45 -1.39 0.00	48.12 -1.39 0.00	51.11 -0.02 0.00	63.23 0.30 0.00	115.80 0.23 0.00	49.94 0.28 0.00	42.79 0.00 0.00
SYRACUSE___ENERGY_ST1 323597	45.43 -0.57 0.00	32.23 -0.41 0.00	27.98 -0.35 0.00	35.70 -0.46 0.00	36.27 -0.45 0.00	37.87 -0.34 0.00	52.51 -0.39 0.00	79.81 -0.24 0.00	36.86 -0.13 0.00	27.00 -0.08 0.00	36.73 -0.10 0.00	38.45 -0.27 0.00	36.17 -0.25 0.00	35.50 -0.27 0.00	34.64 -0.30 0.00	33.63 -0.28 0.00	34.16 -0.29 0.00	41.40 -0.43 0.00	49.11 -0.40 0.00	50.99 -0.14 0.00	62.74 -0.20 0.00	114.94 -0.63 0.00	49.32 -0.34 0.00	42.46 -0.33 0.00
SYRACUSE___ENERGY_ST2 323598	45.43 -0.57 0.00	32.23 -0.41 0.00	27.98 -0.35 0.00	35.70 -0.46 0.00	36.27 -0.45 0.00	37.87 -0.34 0.00	52.51 -0.39 0.00	79.81 -0.24 0.00	36.86 -0.13 0.00	27.00 -0.08 0.00	36.73 -0.10 0.00	38.45 -0.27 0.00	36.17 -0.25 0.00	35.50 -0.27 0.00	34.64 -0.30 0.00	33.63 -0.28 0.00	34.16 -0.29 0.00	41.40 -0.43 0.00	49.11 -0.40 0.00	50.99 -0.14 0.00	62.74 -0.20 0.00	114.94 -0.63 0.00	49.32 -0.34 0.00	42.46 -0.33 0.00
SYRACUSE___POWER 24017	45.54 -0.46 0.00	32.29 -0.35 0.00	28.02 -0.31 0.00	35.75 -0.41 0.00	36.32 -0.40 0.00	37.94 -0.28 0.00	52.60 -0.30 0.00	79.96 -0.09 0.00	36.95 -0.04 0.00	27.06 -0.02 0.00	36.82 -0.02 0.00	38.54 -0.17 0.00	36.27 -0.15 0.00	35.59 -0.19 0.00	34.74 -0.21 0.00	33.71 -0.21 0.00	34.25 -0.20 0.00	41.50 -0.34 0.00	49.21 -0.30 0.00	51.08 -0.05 0.00	62.86 -0.07 0.00	115.09 -0.48 0.00	49.40 -0.26 0.00	42.53 -0.27 0.00
TALLMAN__138KV_BK151 55660	47.69 1.68 0.00	33.81 1.16 0.00	29.28 0.94 0.00	37.24 1.08 0.00	37.82 1.10 0.00	39.56 1.35 0.00	54.80 1.89 0.00	83.55 3.50 0.00	38.88 1.89 0.00	28.33 1.25 0.00	38.67 1.83 0.00	40.67 1.96 0.00	38.52 2.10 0.00	37.95 2.17 0.00	37.07 2.13 0.00	36.00 2.09 0.00	36.65 2.21 0.00	44.50 2.67 0.00	52.62 3.12 0.00	54.51 3.38 0.00	66.31 3.37 0.00	120.44 4.88 0.00	51.58 1.92 0.00	44.65 1.86 0.00
TEALLAVE_115KV_TB7 355573	45.27 -0.74 0.00	32.10 -0.54 0.00	27.87 -0.47 0.00	35.55 -0.61 0.00	36.12 -0.60 0.00	37.71 -0.51 0.00	52.27 -0.63 0.00	79.46 -0.60 0.00	36.74 -0.25 0.00	26.92 -0.16 0.00	36.62 -0.21 0.00	38.37 -0.35 0.00	36.09 -0.32 0.00	35.42 -0.36 0.00	34.58 -0.37 0.00	33.56 -0.35 0.00	34.09 -0.35 0.00	41.27 -0.57 0.00	49.09 -0.59 -0.18	50.85 -0.41 -0.13	62.40 -0.54 0.00	114.27 -1.30 0.00	49.07 -0.59 0.00	42.24 -0.56 0.00
TELEGRAPH_34_KV_EAST 80808	43.77 -2.23 0.00	30.71 -1.93 0.00	26.59 -1.74 0.00	34.06 -2.10 0.00	34.67 -2.05 0.00	36.46 -1.76 0.00	50.19 -2.71 0.00	78.00 -2.05 0.00	36.15 -0.84 0.00	26.79 -0.30 0.00	36.88 0.05 0.00	38.33 -0.38 0.00	35.92 -0.50 0.00	35.18 -0.60 0.00	34.32 -0.63 0.00	33.30 -0.61 0.00	33.57 -0.87 0.00	39.59 -2.25 0.00	46.99 -2.52 0.00	49.69 -1.44 0.00	61.36 -1.58 0.00	112.57 -3.00 0.00	48.62 -1.04 0.00	41.70 -1.09 0.00
TEMPLE___115KV_TB 2 55572	45.28 -0.72 0.00	32.13 -0.52 0.00	27.88 -0.45 0.00	35.57 -0.59 0.00	36.14 -0.59 0.00	37.74 -0.48 0.00	52.29 -0.61 0.00	79.53 -0.53 0.00	36.76 -0.23 0.00	26.94 -0.14 0.00	36.64 -0.19 0.00	38.40 -0.31 0.00	36.13 -0.29 0.00	35.46 -0.32 0.00	34.61 -0.33 0.00	33.59 -0.32 0.00	34.12 -0.32 0.00	41.31 -0.53 0.00	48.96 -0.55 0.00	50.76 -0.36 0.00	62.44 -0.50 0.00	114.36 -1.20 0.00	49.10 -0.56 0.00	42.26 -0.53 0.00

TIANA___69_KV_BK 1 55817	47.56 1.56 0.00	33.91 1.27 0.00	29.52 1.19 0.00	37.54 1.38 0.00	38.05 1.32 0.00	39.77 1.55 0.00	56.66 1.24 -2.52	70.54 2.39 11.90	40.54 1.81 -1.74	28.77 1.69 0.00	46.34 2.83 -6.68	42.71 3.34 -0.66	39.45 3.03 0.00	38.16 2.38 0.00	37.03 2.08 0.00	36.26 2.35 0.00	36.38 1.93 0.00	44.28 2.21 -0.23	53.94 2.42 -2.01	59.28 3.30 -4.85	73.42 3.42 -7.06	123.47 4.39 -3.52	35.52 1.29 15.42	31.73 0.98 12.04
TILDEN___115KV_TB1 80814	45.54 -0.46 0.00	32.29 -0.35 0.00	28.02 -0.31 0.00	35.75 -0.41 0.00	36.32 -0.40 0.00	37.94 -0.28 0.00	52.60 -0.30 0.00	79.96 -0.09 0.00	36.95 -0.04 0.00	27.06 -0.02 0.00	36.82 -0.02 0.00	38.54 -0.17 0.00	36.27 -0.15 0.00	35.59 -0.19 0.00	34.74 -0.21 0.00	33.71 -0.21 0.00	34.25 -0.20 0.00	41.50 -0.34 0.00	49.21 -0.30 0.00	51.08 -0.05 0.00	62.86 -0.07 0.00	115.09 -0.48 0.00	49.40 -0.26 0.00	42.53 -0.27 0.00
TRIGEN___CC 323695	47.62 1.62 0.00	34.15 1.51 0.00	29.62 1.29 0.00	37.62 1.46 0.00	38.13 1.41 0.00	39.72 1.50 0.00	54.33 1.67 0.24	80.40 3.08 2.73	38.97 1.98 0.00	28.63 1.54 0.00	50.88 2.44 -11.62	42.54 2.67 -1.15	39.09 2.67 0.00	38.38 2.60 0.00	37.47 2.53 0.00	36.37 2.46 0.00	36.60 2.16 0.00	43.87 2.48 0.44	52.08 2.92 0.34	54.44 3.32 0.00	66.24 3.30 0.00	119.22 4.33 0.68	48.37 1.67 2.97	42.18 1.59 2.20
TRINITY___115KV___4 BK 55933	46.61 0.60 0.00	33.28 0.64 0.00	28.91 0.57 0.00	36.82 0.67 0.00	37.32 0.59 0.00	38.87 0.65 0.00	53.64 0.74 0.00	80.96 0.90 0.00	37.57 0.58 0.00	27.47 0.39 0.00	37.23 0.39 0.00	39.27 0.56 0.00	37.09 0.67 0.00	36.49 0.71 0.00	35.72 0.77 0.00	34.66 0.74 0.00	35.14 0.69 0.00	42.70 0.87 0.00	50.52 1.02 0.00	52.22 1.09 0.00	63.98 1.05 0.00	117.39 1.83 0.00	50.47 0.81 0.00	43.56 0.76 0.00
UNION___PROCESSING_DRP 323587	45.48 -0.52 0.00	32.07 -0.57 0.00	27.80 -0.53 0.00	35.54 -0.62 0.00	36.15 -0.57 0.00	37.93 -0.29 0.00	52.61 -0.29 0.00	80.87 0.82 0.00	37.40 0.41 0.00	27.52 0.44 0.00	37.68 0.84 0.00	39.27 0.55 0.00	36.84 0.42 0.00	36.13 0.36 0.00	35.25 0.30 0.00	34.20 0.29 0.00	34.65 0.21 0.00	41.50 -0.34 0.00	49.26 -0.24 0.00	51.30 0.17 0.00	63.20 0.27 0.00	115.72 0.15 0.00	49.81 0.15 0.00	42.79 -0.01 0.00
UPPER HUDSON___HYD 24058	48.49 2.49 0.00	34.47 1.83 0.00	29.94 1.61 0.00	38.00 1.84 0.00	38.37 1.64 0.00	39.74 1.52 0.00	54.51 1.61 0.00	81.64 1.59 0.00	37.67 0.69 0.00	27.45 0.37 0.00	37.23 0.40 0.00	39.31 0.60 0.00	37.03 0.61 0.00	36.43 0.66 0.00	35.64 0.69 0.00	34.56 0.64 0.00	35.07 0.62 0.00	42.99 1.15 0.00	51.22 1.72 0.00	53.13 2.00 0.00	65.19 2.26 0.00	120.04 4.48 0.00	51.50 1.84 0.00	44.27 1.48 0.00
UPPER RAQUET___HYD 24056	44.74 -1.26 0.00	31.59 -1.05 0.00	27.33 -1.00 0.00	35.06 -1.10 0.00	35.80 -0.92 0.00	37.31 -0.91 0.00	51.74 -1.16 0.00	77.86 -2.20 0.00	35.61 -1.38 0.00	25.96 -1.12 0.00	35.24 -1.60 0.00	37.00 -1.71 0.00	34.63 -1.79 0.00	33.92 -1.86 0.00	33.11 -1.84 0.00	32.06 -1.85 0.00	32.60 -1.85 0.00	39.80 -2.04 0.00	44.69 -2.53 0.00	47.14 -2.34 0.00	60.58 -2.36 0.00	111.18 -4.39 0.00	47.75 -1.91 0.00	41.09 -1.71 0.00
VALLEY44_115KV_TB2 355964	44.43 -1.58 0.00	31.20 -1.44 0.00	27.02 -1.31 0.00	34.64 -1.52 0.00	35.15 -1.58 0.00	37.01 -1.21 0.00	50.86 -2.04 0.00	78.95 -1.11 0.00	36.41 -0.58 0.00	26.92 -0.16 0.00	37.22 0.39 0.00	38.62 -0.09 0.00	36.26 -0.17 0.00	35.59 -0.19 0.00	34.81 -0.14 0.00	33.87 -0.04 0.00	34.35 -0.10 0.00	40.48 -1.36 0.00	48.09 -1.42 0.00	50.77 -0.36 0.00	62.86 -0.08 0.00	114.86 -0.71 0.00	49.13 -0.53 0.00	42.39 -0.40 0.00
VALLEY___115KV_TB 1-4 80826	46.56 0.55 0.00	33.18 0.54 0.00	28.78 0.44 0.00	36.62 0.46 0.00	36.95 0.22 0.00	38.62 0.40 0.00	53.43 0.52 0.00	80.64 0.59 0.00	37.05 0.06 0.00	26.94 -0.14 0.00	36.53 -0.31 0.00	38.57 -0.14 0.00	36.08 -0.34 0.00	35.56 -0.22 0.00	34.70 -0.25 0.00	33.62 -0.29 0.00	34.30 -0.14 0.00	42.06 0.21 0.00	50.91 0.85 0.00	52.96 1.44 0.00	64.83 1.90 0.00	118.78 3.22 0.00	51.04 1.39 0.00	44.02 1.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.11 2.10 0.00	34.18 1.54 0.00	29.64 1.30 0.00	37.88 1.72 0.00	38.55 1.83 0.00	40.25 2.04 0.00	55.65 2.75 0.00	84.59 4.53 0.00	39.07 2.08 0.00	28.50 1.41 0.00	38.79 1.96 0.00	40.70 1.99 0.00	38.25 1.83 0.00	37.45 1.67 0.00	36.62 1.68 0.00	35.69 1.78 0.00	36.30 1.85 0.00	44.13 2.29 0.00	52.47 2.97 0.00	54.43 3.30 0.00	66.64 3.70 0.00	121.88 6.31 0.00	52.31 2.65 0.00	45.09 2.30 0.00
VISCHER___FERRY HYD 24020	47.38 1.37 0.00	33.76 1.13 0.00	29.34 1.01 0.00	37.39 1.22 0.00	37.84 1.12 0.00	39.41 1.20 0.00	54.26 1.36 0.00	81.72 1.66 0.00	37.86 0.87 0.00	27.67 0.58 0.00	37.51 0.68 0.00	39.66 0.94 0.00	37.38 0.95 0.00	36.77 0.99 0.00	35.99 1.04 0.00	34.95 1.04 0.00	35.48 1.04 0.00	43.27 1.43 0.00	51.23 1.73 0.00	52.97 1.84 0.00	64.93 2.00 0.00	119.43 3.86 0.00	51.33 1.67 0.00	44.23 1.44 0.00
V_A_10_SYNC_DSASP 323832	43.64 -2.36 0.00	30.63 -2.01 0.00	26.53 -1.81 0.00	33.96 -2.20 0.00	34.54 -2.18 0.00	36.27 -1.95 0.00	49.91 -2.99 0.00	77.36 -2.69 0.00	35.80 -1.18 0.00	26.57 -0.51 0.00	36.63 -0.20 0.00	38.16 -0.55 0.00	35.81 -0.61 0.00	35.11 -0.67 0.00	34.32 -0.62 0.00	33.33 -0.58 0.00	33.65 -0.79 0.00	39.72 -2.13 0.00	47.01 -2.49 0.00	49.58 -1.55 0.00	61.13 -1.81 0.00	112.09 -3.47 0.00	48.38 -1.28 0.00	41.58 -1.22 0.00
V_CMM_10_SYNC_DSASP 323787	46.27 0.26 0.00	32.70 0.06 0.00	28.35 0.02 0.00	36.26 0.09 0.00	36.87 0.15 0.00	38.38 0.17 0.00	53.10 0.19 0.00	79.72 -0.34 0.00	36.69 -0.30 0.00	26.97 -0.12 0.00	36.75 -0.08 0.00	38.68 -0.04 0.00	36.28 -0.13 0.00	35.63 -0.15 0.00	34.76 -0.18 0.00	33.70 -0.21 0.00	34.23 -0.22 0.00	41.61 -0.23 0.00	48.45 -0.41 0.64	50.13 -0.53 0.46	62.40 -0.53 0.00	114.64 -0.93 0.00	49.38 -0.28 0.00	42.63 -0.17 0.00
V_CMP_10_SYNC_DSASP 323788	46.35 0.34 0.00	32.76 0.11 0.00	28.44 0.10 0.00	36.43 0.27 0.00	36.96 0.23 0.00	38.37 0.15 0.00	53.03 0.13 0.00	79.15 -0.90 0.00	36.55 -0.43 0.00	26.94 -0.14 0.00	36.49 -0.34 0.00	38.47 -0.24 0.00	36.12 -0.30 0.00	35.39 -0.38 0.00	34.52 -0.42 0.00	33.47 -0.44 0.00	34.01 -0.44 0.00	41.53 -0.31 0.00	48.32 -0.59 0.60	50.33 -0.37 0.43	62.82 -0.12 0.00	115.90 0.33 0.00	50.00 0.34 0.00	43.11 0.32 0.00
V_D_10_SYNC_DSASP 323841	46.28 0.27 0.00	32.70 0.06 0.00	28.34 0.01 0.00	36.26 0.10 0.00	36.91 0.19 0.00	38.44 0.23 0.00	53.21 0.31 0.00	80.15 0.10 0.00	36.80 -0.19 0.00	26.96 -0.12 0.00	36.69 -0.14 0.00	38.62 -0.10 0.00	36.22 -0.20 0.00	35.55 -0.22 0.00	34.69 -0.25 0.00	33.63 -0.29 0.00	34.15 -0.30 0.00	41.54 -0.30 0.00	48.17 -0.43 0.91	50.04 -0.44 0.65	62.66 -0.28 0.00	115.15 -0.42 0.00	49.54 -0.11 0.00	42.69 -0.11 0.00

V_E_10_SYNC_DSASP 323830	49.36 3.36 0.00	34.97 2.33 0.00	30.22 1.88 0.00	38.32 2.17 0.00	38.90 2.17 0.00	40.49 2.28 0.00	56.82 3.92 0.00	87.13 7.08 0.00	39.69 2.70 0.00	28.87 1.79 0.00	38.88 2.05 0.00	40.44 1.73 0.00	38.02 1.60 0.00	36.73 0.96 0.00	35.42 0.48 0.00	34.19 0.28 0.00	35.21 0.77 0.00	43.25 1.41 0.00	52.57 3.06 0.00	55.70 4.58 0.00	69.15 6.22 0.00	126.73 11.16 0.00	54.22 4.55 0.00	46.64 3.84 0.00
V_F_30_NSYNC_DSASP 323816	48.02 2.01 0.00	34.17 1.53 0.00	29.69 1.35 0.00	37.80 1.64 0.00	38.27 1.55 0.00	39.83 1.62 0.00	54.86 1.96 0.00	82.52 2.46 0.00	38.08 1.09 0.00	27.77 0.69 0.00	37.69 0.86 0.00	39.81 1.10 0.00	37.52 1.10 0.00	36.88 1.10 0.00	36.12 1.17 0.00	35.06 1.14 0.00	35.59 1.15 0.00	43.45 1.62 0.00	51.65 2.14 0.00	53.53 2.41 0.00	65.65 2.72 0.00	120.60 5.03 0.00	51.80 2.14 0.00	44.59 1.79 0.00
V_F_30_SYNC_DSASP 323786	46.75 0.75 0.00	33.37 0.73 0.00	28.98 0.65 0.00	36.92 0.76 0.00	37.42 0.70 0.00	38.98 0.76 0.00	53.83 0.93 0.00	81.28 1.22 0.00	37.71 0.72 0.00	27.57 0.48 0.00	37.37 0.53 0.00	39.42 0.70 0.00	37.25 0.83 0.00	36.66 0.89 0.00	35.87 0.93 0.00	34.82 0.91 0.00	35.31 0.86 0.00	42.89 1.05 0.00	50.77 1.27 0.00	52.48 1.36 0.00	64.28 1.34 0.00	117.86 2.29 0.00	50.66 1.00 0.00	43.70 0.91 0.00
V_XM_10_SYNC_DSASP 323789	46.35 0.34 0.00	32.76 0.11 0.00	28.44 0.10 0.00	36.43 0.27 0.00	36.96 0.23 0.00	38.37 0.15 0.00	53.03 0.13 0.00	79.15 -0.90 0.00	36.55 -0.43 0.00	26.94 -0.14 0.00	36.49 -0.34 0.00	38.47 -0.24 0.00	36.12 -0.30 0.00	35.39 -0.38 0.00	34.52 -0.42 0.00	33.47 -0.44 0.00	34.01 -0.44 0.00	41.53 -0.31 0.00	48.32 -0.59 0.60	50.33 -0.37 0.43	62.82 -0.12 0.00	115.90 0.33 0.00	50.00 0.34 0.00	43.11 0.32 0.00
W.BABYLN_69_KV_BK1 56697	47.96 1.95 0.00	34.42 1.78 0.00	29.89 1.56 0.00	37.92 1.76 0.00	38.41 1.69 0.00	39.97 1.76 0.00	54.65 1.84 0.09	70.73 3.43 12.76	39.71 2.24 -0.49	28.89 1.80 0.00	47.05 2.75 -7.47	42.61 3.16 -0.74	39.40 2.98 0.00	38.58 2.81 0.00	37.65 2.70 0.00	36.57 2.66 0.00	36.71 2.27 0.00	42.99 2.54 1.39	52.02 3.07 0.56	56.20 3.71 -1.36	68.68 3.76 -1.98	119.53 5.19 1.22	37.54 1.96 14.08	33.95 1.79 10.63
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.87 1.87 0.00	33.94 1.29 0.00	29.40 1.06 0.00	37.39 1.23 0.00	37.98 1.26 0.00	39.72 1.51 0.00	55.02 2.12 0.00	83.92 3.87 0.00	39.04 2.05 0.00	28.46 1.37 0.00	38.84 2.01 0.00	40.86 2.15 0.00	38.68 2.26 0.00	38.10 2.32 0.00	37.22 2.28 0.00	36.16 2.25 0.00	36.81 2.37 0.00	44.70 2.87 0.00	52.85 3.35 0.00	54.76 3.64 0.00	66.64 3.70 0.00	121.03 5.46 0.00	51.83 2.17 0.00	44.85 2.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.90 1.90 0.00	33.99 1.35 0.00	29.45 1.11 0.00	37.45 1.29 0.00	38.03 1.31 0.00	39.81 1.59 0.00	55.09 2.19 0.00	84.14 4.08 0.00	39.21 2.23 0.00	28.62 1.54 0.00	39.09 2.25 0.00	41.13 2.42 0.00	38.95 2.52 0.00	38.38 2.60 0.00	37.48 2.54 0.00	36.39 2.48 0.00	37.01 2.57 0.00	44.90 3.06 0.00	52.96 3.46 0.00	54.79 3.66 0.00	66.60 3.66 0.00	120.84 5.27 0.00	51.84 2.18 0.00	44.90 2.11 0.00
W50THST__13_KV_LOAD 356117	48.10 2.10 0.00	34.12 1.48 0.00	29.56 1.22 0.00	37.60 1.44 0.00	38.19 1.47 0.00	39.98 1.76 0.00	55.35 2.45 0.00	84.57 4.52 0.00	39.43 2.44 0.00	28.79 1.70 0.00	39.34 2.50 0.00	41.39 2.67 0.00	39.19 2.77 0.00	38.62 2.84 0.00	37.71 2.77 0.00	36.61 2.70 0.00	37.25 2.81 0.00	45.17 3.33 0.00	53.27 3.77 0.00	55.08 3.96 0.00	66.95 4.02 0.00	121.50 5.93 0.00	52.09 2.43 0.00	45.10 2.31 0.00
WADING RIVER_IC_1 23522	47.52 1.52 0.00	33.87 1.23 0.00	29.46 1.12 0.00	37.38 1.22 0.00	37.81 1.09 0.00	39.50 1.28 0.00	56.06 0.60 -2.55	69.37 1.19 11.88	40.08 1.33 -1.75	28.47 1.38 0.00	45.94 2.43 -6.68	42.35 2.98 -0.66	39.00 2.58 0.00	37.93 2.15 0.00	36.89 1.94 0.00	36.07 2.16 0.00	36.09 1.64 0.00	43.79 1.70 -0.25	53.28 1.73 -2.04	58.47 2.45 -4.89	72.38 2.33 -7.12	121.72 2.58 -3.58	34.95 0.71 15.42	31.56 0.81 12.05
WADING RIVER_IC_2 23547	47.52 1.52 0.00	33.87 1.23 0.00	29.46 1.12 0.00	37.38 1.22 0.00	37.81 1.09 0.00	39.50 1.28 0.00	56.06 0.60 -2.55	69.37 1.19 11.88	40.08 1.33 -1.75	28.47 1.38 0.00	45.94 2.43 -6.68	42.35 2.98 -0.66	39.00 2.58 0.00	37.93 2.15 0.00	36.89 1.94 0.00	36.07 2.16 0.00	36.09 1.64 0.00	43.79 1.70 -0.25	53.28 1.73 -2.04	58.47 2.45 -4.89	72.38 2.33 -7.12	121.72 2.58 -3.58	34.95 0.71 15.42	31.56 0.81 12.05
WADING RIVER_IC_3 23601	47.52 1.52 0.00	33.87 1.23 0.00	29.46 1.12 0.00	37.38 1.22 0.00	37.81 1.09 0.00	39.50 1.28 0.00	56.06 0.60 -2.55	69.37 1.19 11.88	40.08 1.33 -1.75	28.47 1.38 0.00	45.94 2.43 -6.68	42.35 2.98 -0.66	39.00 2.58 0.00	37.93 2.15 0.00	36.89 1.94 0.00	36.07 2.16 0.00	36.09 1.64 0.00	43.79 1.70 -0.25	53.28 1.73 -2.04	58.47 2.45 -4.89	72.38 2.33 -7.12	121.72 2.58 -3.58	34.95 0.71 15.42	31.56 0.81 12.05
WALDENNY_12_KV_BK2 80841	43.73 -2.28 0.00	30.66 -1.98 0.00	26.54 -1.80 0.00	34.00 -2.16 0.00	34.54 -2.18 0.00	36.33 -1.88 0.00	49.93 -2.97 0.00	77.73 -2.32 0.00	36.04 -0.94 0.00	26.79 -0.30 0.00	37.02 0.18 0.00	38.43 -0.28 0.00	36.05 -0.37 0.00	35.34 -0.44 0.00	34.56 -0.38 0.00	33.58 -0.34 0.00	33.90 -0.54 0.00	39.84 -2.00 0.00	47.25 -2.26 0.00	49.91 -1.22 0.00	61.61 -1.33 0.00	112.93 -2.64 0.00	48.72 -0.95 0.00	41.88 -0.92 0.00
WALDEN__HYDRO 24148	47.86 1.85 0.00	33.94 1.30 0.00	29.43 1.09 0.00	37.44 1.28 0.00	38.03 1.30 0.00	39.76 1.55 0.00	55.08 2.17 0.00	83.87 3.82 0.00	38.94 1.95 0.00	28.35 1.26 0.00	38.66 1.82 0.00	40.72 2.01 0.00	38.49 2.07 0.00	37.87 2.09 0.00	36.97 2.02 0.00	35.93 2.02 0.00	36.59 2.14 0.00	44.51 2.68 0.00	52.68 3.18 0.00	54.64 3.52 0.00	66.61 3.67 0.00	121.14 5.57 0.00	51.88 2.23 0.00	44.85 2.06 0.00
WARRENSBURG____ 23737	48.50 2.49 0.00	34.47 1.83 0.00	29.94 1.61 0.00	38.00 1.84 0.00	38.37 1.64 0.00	39.73 1.52 0.00	54.51 1.61 0.00	81.65 1.59 0.00	37.67 0.69 0.00	27.45 0.37 0.00	37.23 0.40 0.00	39.31 0.59 0.00	37.03 0.61 0.00	36.43 0.65 0.00	35.64 0.70 0.00	34.56 0.64 0.00	35.07 0.62 0.00	42.99 1.15 0.00	51.22 1.72 0.00	53.13 2.00 0.00	65.19 2.25 0.00	120.04 4.47 0.00	51.50 1.84 0.00	44.27 1.48 0.00
WATERSIDE__6 8 9 23538	47.91 1.91 0.00	34.01 1.37 0.00	29.46 1.12 0.00	37.47 1.31 0.00	38.05 1.33 0.00	39.85 1.63 0.00	55.15 2.24 0.00	84.32 4.26 0.00	39.32 2.32 -0.01	28.69 1.60 0.00	39.19 2.35 0.00	41.22 2.51 0.00	39.04 2.62 0.00	38.48 2.71 0.00	37.58 2.63 0.00	36.47 2.56 0.00	37.12 2.67 0.00	44.99 3.15 0.00	52.97 3.46 0.00	54.76 3.63 0.00	66.49 3.55 0.00	120.61 5.05 0.00	51.86 2.20 0.00	44.94 2.15 0.00

WATKINRD_115KV_LN8_ILLLION 55919	46.43 0.43 0.00	33.07 0.43 0.00	28.70 0.36 0.00	36.54 0.38 0.00	36.96 0.24 0.00	38.57 0.36 0.00	53.37 0.47 0.00	80.62 0.56 0.00	37.11 0.12 0.00	27.03 -0.06 0.00	36.67 -0.16 0.00	38.68 -0.04 0.00	36.25 -0.18 0.00	35.69 -0.09 0.00	34.85 -0.09 0.00	33.80 -0.12 0.00	34.44 -0.01 0.00	42.10 0.26 0.00	50.81 0.75 -0.55	52.69 1.17 -0.40	64.40 1.47 0.00	118.07 2.51 0.00	50.74 1.08 0.00	43.72 0.93 0.00
WDELAWARE___HYD 323627	47.73 1.73 0.00	33.85 1.21 0.00	29.34 1.01 0.00	37.35 1.20 0.00	37.96 1.23 0.00	39.72 1.50 0.00	55.03 2.13 0.00	83.88 3.82 0.00	38.80 1.81 0.00	28.19 1.10 0.00	38.57 1.73 0.00	40.31 1.60 0.00	38.05 1.63 0.00	37.32 1.55 0.00	36.41 1.47 0.00	35.44 1.52 0.00	36.22 1.77 0.00	44.09 2.25 0.00	52.37 2.86 0.00	54.37 3.25 0.00	66.34 3.40 0.00	120.66 5.10 0.00	51.62 1.96 0.00	44.57 1.78 0.00
WEST BABYLON___IC 23714	47.96 1.95 0.00	34.42 1.78 0.00	29.89 1.56 0.00	37.92 1.76 0.00	38.41 1.69 0.00	39.97 1.76 0.00	54.65 1.84 0.09	70.73 3.43 12.76	39.71 2.24 -0.49	28.89 1.80 0.00	47.05 2.75 -7.47	42.61 3.16 -0.74	39.40 2.98 0.00	38.58 2.81 0.00	37.65 2.70 0.00	36.57 2.66 0.00	36.71 2.27 0.00	42.99 2.54 1.39	52.02 3.07 0.56	56.20 3.71 -1.36	68.68 3.76 -1.98	119.53 5.19 1.22	37.54 1.96 14.08	33.95 1.79 10.63
WEST CANADA___HYD 24049	46.10 0.10 0.00	32.74 0.10 0.00	28.43 0.09 0.00	36.27 0.10 0.00	36.80 0.08 0.00	38.32 0.10 0.00	53.01 0.10 0.00	80.25 0.20 0.00	37.08 0.09 0.00	27.12 0.03 0.00	36.87 0.03 0.00	38.76 0.05 0.00	36.47 0.05 0.00	35.83 0.06 0.00	35.01 0.07 0.00	33.99 0.08 0.00	34.53 0.09 0.00	42.00 0.16 0.00	50.30 0.24 0.31	51.83 0.31 0.00	63.25 0.32 0.00	116.03 0.46 0.00	49.86 0.20 0.00	42.95 0.16 0.00
WESTERN_NY_WIND 24143	44.84 -1.17 0.00	31.48 -1.17 0.00	27.28 -1.06 0.00	34.93 -1.23 0.00	35.57 -1.15 0.00	37.45 -0.77 0.00	51.74 -1.17 0.00	80.31 0.25 0.00	37.14 0.15 0.00	27.40 0.32 0.00	37.64 0.80 0.00	39.10 0.39 0.00	36.60 0.18 0.00	35.81 0.03 0.00	34.84 -0.11 0.00	33.83 -0.08 0.00	33.98 -0.46 0.00	40.35 -1.49 0.00	48.01 -1.50 0.00	51.01 -0.12 0.00	63.10 0.17 0.00	115.57 0.00 0.00	49.84 0.18 0.00	42.72 -0.08 0.00
WESTOVER___LESR 323668	46.27 0.26 0.00	32.82 0.18 0.00	28.49 0.16 0.00	36.36 0.20 0.00	36.90 0.18 0.00	38.51 0.29 0.00	53.34 0.44 0.00	81.31 1.26 0.00	37.58 0.59 0.00	27.47 0.39 0.00	37.40 0.56 0.00	39.15 0.43 0.00	36.84 0.42 0.00	36.19 0.41 0.00	34.37 0.46 0.00	34.94 0.49 0.00	42.31 0.47 0.00	50.22 0.71 0.00	52.20 1.07 0.00	64.17 1.24 0.00	117.37 1.80 0.00	50.33 0.66 0.00	43.41 0.61 0.00	
WETHRSFD_WT_PWR 323626	43.61 -2.39 0.00	30.70 -1.94 0.00	26.52 -1.81 0.00	33.98 -2.18 0.00	34.47 -2.25 0.00	36.17 -2.05 0.00	49.82 -3.08 0.00	77.25 -2.81 0.00	35.72 -1.27 0.00	26.38 -0.70 0.00	36.39 -0.45 0.00	37.66 -1.05 0.00	35.32 -1.10 0.00	34.63 -1.14 0.00	33.89 -1.06 0.00	33.02 -0.89 0.00	33.46 -0.98 0.00	39.52 -2.32 0.00	47.15 -2.36 0.00	49.96 -1.17 0.00	61.84 -1.10 0.00	113.29 -2.28 0.00	48.69 -0.96 0.00	41.97 -0.82 0.00
WHAVSTOR_138KV_BK127 55557	47.64 1.63 0.00	33.77 1.13 0.00	29.27 0.93 0.00	37.21 1.06 0.00	37.80 1.07 0.00	39.53 1.32 0.00	54.74 1.84 0.00	83.46 3.40 0.00	38.83 1.84 0.00	28.30 1.22 0.00	38.62 1.78 0.00	40.64 1.92 0.00	38.47 2.05 0.00	37.90 2.12 0.00	37.02 2.07 0.00	35.95 2.04 0.00	36.59 2.15 0.00	44.43 2.59 0.00	52.53 3.03 0.00	54.41 3.29 0.00	66.20 3.27 0.00	120.31 4.75 0.00	51.52 1.86 0.00	44.60 1.80 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.64 1.63 0.00	33.77 1.13 0.00	29.27 0.93 0.00	37.21 1.06 0.00	37.80 1.07 0.00	39.53 1.32 0.00	54.74 1.84 0.00	83.46 3.40 0.00	38.83 1.84 0.00	28.30 1.22 0.00	38.62 1.78 0.00	40.64 1.92 0.00	38.47 2.05 0.00	37.90 2.12 0.00	37.02 2.07 0.00	35.95 2.04 0.00	36.59 2.15 0.00	44.43 2.59 0.00	52.53 3.03 0.00	54.41 3.29 0.00	66.20 3.27 0.00	120.31 4.75 0.00	51.52 1.86 0.00	44.60 1.80 0.00
WHITEHAL_115KV_TB1 80871	50.04 4.04 0.00	35.50 2.86 0.00	30.84 2.51 0.00	39.21 3.05 0.00	39.62 2.89 0.00	41.18 2.96 0.00	56.00 3.10 0.00	82.79 2.74 0.00	38.39 1.40 0.00	28.11 1.02 0.00	37.92 1.08 0.00	39.77 1.06 0.00	37.45 1.03 0.00	36.89 1.12 0.00	36.29 1.34 0.00	35.18 1.27 0.00	35.62 1.18 0.00	44.31 2.47 0.00	52.80 3.30 0.00	54.57 3.45 0.00	66.92 3.99 0.00	124.34 8.77 0.00	53.25 3.59 0.00	45.70 2.91 0.00
WHITEPLN_13_KV_LOAD 356215	48.13 2.13 0.00	34.13 1.49 0.00	29.58 1.24 0.00	37.63 1.47 0.00	38.20 1.48 0.00	39.98 1.76 0.00	55.37 2.47 0.00	84.50 4.44 0.00	39.33 2.34 0.00	28.68 1.59 0.00	39.15 2.31 0.00	41.20 2.49 0.00	39.00 2.58 0.00	38.38 2.61 0.00	37.49 2.55 0.00	36.41 2.50 0.00	37.03 2.58 0.00	44.98 3.14 0.00	53.17 3.67 0.00	55.08 3.95 0.00	67.04 4.10 0.00	121.74 6.17 0.00	52.14 2.48 0.00	45.09 2.30 0.00
WM_FLOYD_69_KV_BK2 356380	47.56 1.56 0.00	34.00 1.35 0.00	29.56 1.23 0.00	37.50 1.34 0.00	37.97 1.25 0.00	39.62 1.41 0.00	56.28 0.97 -2.41	69.82 1.79 12.02	40.23 1.55 -1.69	28.58 1.50 0.00	46.06 2.54 -6.69	42.42 3.04 -0.66	39.06 2.64 0.00	38.04 2.27 0.00	37.00 2.06 0.00	36.14 2.23 0.00	36.18 1.74 0.00	43.89 1.90 -0.15	53.48 2.08 -1.90	58.64 2.81 -4.71	72.55 2.77 -6.85	122.29 3.41 -3.31	35.35 1.11 15.42	31.91 1.14 12.03
WOODARD_115KV_TB2 355635	45.14 -0.86 0.00	32.03 -0.62 0.00	27.80 -0.54 0.00	35.46 -0.70 0.00	36.03 -0.69 0.00	37.61 -0.60 0.00	52.13 -0.77 0.00	79.21 -0.85 0.00	36.62 -0.37 0.00	26.84 -0.25 0.00	36.49 -0.34 0.00	38.21 -0.50 0.00	35.97 -0.45 0.00	35.31 -0.46 0.00	34.46 -0.48 0.00	33.44 -0.47 0.00	33.98 -0.46 0.00	41.16 -0.68 0.00	48.78 -0.73 0.00	50.58 -0.54 0.00	62.23 -0.70 0.00	114.01 -1.55 0.00	48.94 -0.72 0.00	42.13 -0.66 0.00
WOODMERE_69_KV_BK1 55827	48.61 2.60 0.00	34.81 2.17 0.00	30.20 1.87 0.00	38.35 2.19 0.00	38.90 2.18 0.00	40.40 2.19 0.00	55.27 2.37 0.00	84.17 4.11 0.00	39.46 2.47 0.00	28.97 1.88 0.00	51.83 2.99 -12.00	43.06 3.16 -1.19	39.56 3.14 0.00	38.85 3.08 0.00	37.93 2.99 0.00	36.82 2.90 0.00	37.06 2.62 0.00	44.85 3.01 0.00	53.12 3.61 0.00	55.20 4.07 0.00	67.20 4.26 0.00	121.56 5.99 0.00	52.03 2.37 0.00	44.97 2.17 0.00
YORK___WARBASSE 23770	48.16 2.15 0.00	34.16 1.52 0.00	29.58 1.25 0.00	37.64 1.48 0.00	38.22 1.49 0.00	40.02 1.80 0.00	55.40 2.50 0.00	84.73 4.68 0.00	39.55 2.55 -0.01	28.81 1.72 0.00	39.31 2.47 0.00	41.33 2.62 0.00	39.13 2.71 0.00	38.59 2.82 0.00	37.71 2.76 0.00	36.60 2.69 0.00	37.26 2.81 0.00	45.10 3.26 0.00	52.96 3.46 0.00	54.77 3.65 0.00	66.52 3.58 0.00	120.62 5.05 0.00	52.01 2.35 0.00	45.07 2.28 0.00