



ALBANY__2 23572	59.96 1.83 0.00	58.04 1.81 0.00	52.26 1.64 0.00	48.28 1.51 0.00	47.56 1.43 0.00	56.70 1.71 0.00	83.81 2.54 0.00	71.16 2.26 0.00	71.82 2.24 0.00	90.36 2.91 0.00	66.76 2.12 0.00	58.12 1.94 0.00	50.12 1.84 0.00	51.85 1.95 0.00	53.47 1.92 0.00	58.25 1.91 0.00	66.01 2.27 0.00	70.95 2.45 0.00	65.41 2.30 0.00	56.49 2.05 0.00	54.33 1.93 0.00	54.57 2.02 0.00	54.90 1.96 0.00	48.67 1.71 0.00
ALBANY__3 23573	59.96 1.83 0.00	58.04 1.81 0.00	52.26 1.64 0.00	48.28 1.51 0.00	47.56 1.43 0.00	56.70 1.71 0.00	83.81 2.54 0.00	71.16 2.26 0.00	71.82 2.24 0.00	90.36 2.91 0.00	66.76 2.12 0.00	58.12 1.94 0.00	50.12 1.84 0.00	51.85 1.95 0.00	53.47 1.92 0.00	58.25 1.91 0.00	66.01 2.27 0.00	70.95 2.45 0.00	65.41 2.30 0.00	56.49 2.05 0.00	54.33 1.93 0.00	54.57 2.02 0.00	54.90 1.96 0.00	48.67 1.71 0.00
ALBANY__4 23574	59.96 1.83 0.00	58.04 1.81 0.00	52.26 1.64 0.00	48.28 1.51 0.00	47.56 1.43 0.00	56.70 1.71 0.00	83.81 2.54 0.00	71.16 2.26 0.00	71.82 2.24 0.00	90.36 2.91 0.00	66.76 2.12 0.00	58.12 1.94 0.00	50.12 1.84 0.00	51.85 1.95 0.00	53.47 1.92 0.00	58.25 1.91 0.00	66.01 2.27 0.00	70.95 2.45 0.00	65.41 2.30 0.00	56.49 2.05 0.00	54.33 1.93 0.00	54.57 2.02 0.00	54.90 1.96 0.00	48.67 1.71 0.00
ALBANY__LFGE 323615	60.27 2.13 0.00	58.33 2.11 0.00	52.54 1.92 0.00	48.53 1.76 0.00	47.80 1.68 0.00	57.00 2.01 0.00	84.27 2.99 0.00	71.54 2.64 0.00	72.23 2.65 0.00	90.88 3.43 0.00	67.12 2.48 0.00	58.45 2.26 0.00	50.40 2.12 0.00	52.12 2.23 0.00	53.76 2.21 0.00	58.58 2.24 0.00	66.40 2.66 0.00	71.37 2.87 0.00	65.81 2.70 0.00	56.84 2.40 0.00	54.62 2.22 0.00	54.84 2.29 0.00	55.16 2.23 0.00	48.90 1.94 0.00
ALCOA_PA_115KV_PL-6C 55860	59.26 1.13 0.00	57.42 1.19 0.00	51.66 1.04 0.00	47.84 1.07 0.00	47.20 1.08 0.00	56.07 1.08 0.00	82.67 1.40 0.00	69.96 1.06 0.00	70.41 0.83 0.00	88.25 0.80 0.00	65.10 0.45 0.00	56.53 0.34 0.00	48.43 0.15 0.00	49.94 0.05 0.00	51.72 0.16 0.00	56.82 0.48 0.00	64.52 0.78 0.00	69.32 0.82 0.00	63.73 0.62 0.00	54.90 0.46 0.00	52.80 0.40 0.00	52.85 0.30 0.00	53.35 0.41 0.00	47.53 0.57 0.00
ALCOA_RYNLDS__DRP 24188	59.25 1.12 0.00	57.42 1.20 0.00	51.66 1.03 0.00	47.84 1.07 0.00	47.21 1.08 0.00	56.07 1.08 0.00	82.67 1.40 0.00	69.96 1.06 0.00	70.41 0.83 0.00	88.26 0.80 0.00	65.10 0.45 0.00	56.53 0.34 0.00	48.43 0.15 0.00	49.94 0.05 0.00	51.72 0.16 0.00	56.82 0.48 0.00	64.52 0.78 0.00	69.33 0.82 0.00	63.73 0.62 0.00	54.90 0.46 0.00	52.81 0.41 0.00	52.85 0.30 0.00	53.36 0.42 0.00	47.53 0.57 0.00
ALCOA__DSASP 323711	59.25 1.12 0.00	57.42 1.20 0.00	51.66 1.03 0.00	47.84 1.07 0.00	47.21 1.08 0.00	56.07 1.08 0.00	82.67 1.40 0.00	69.96 1.06 0.00	70.41 0.83 0.00	88.26 0.80 0.00	65.10 0.45 0.00	56.53 0.34 0.00	48.43 0.15 0.00	49.94 0.05 0.00	51.72 0.16 0.00	56.82 0.48 0.00	64.52 0.78 0.00	69.33 0.82 0.00	63.73 0.62 0.00	54.90 0.46 0.00	52.81 0.41 0.00	52.85 0.30 0.00	53.36 0.42 0.00	47.53 0.57 0.00
ALLEGHENY__COGEN 23514	59.03 0.90 0.00	56.88 0.66 0.00	51.25 0.62 0.00	47.37 0.60 0.00	46.90 0.77 0.00	55.63 0.65 0.00	81.86 0.59 0.00	69.13 0.23 0.00	69.33 -0.25 0.00	85.90 -1.55 0.00	63.16 -1.48 0.00	54.15 -2.03 0.00	46.18 -2.10 0.00	47.46 -2.44 0.00	49.20 -2.35 0.00	54.05 -2.29 0.00	61.09 -2.65 0.00	65.27 -2.55 0.68	62.24 -1.52 -0.65	54.46 -1.26 -1.28	102.41 -1.23 -51.24	94.87 -1.68 -44.01	101.67 -1.78 -50.52	95.15 -1.75 -49.93
ALTMONT_115KV_TB 2 55880	59.44 1.31 0.00	57.51 1.29 0.00	51.79 1.16 0.00	47.84 1.07 0.00	47.12 1.00 0.00	56.22 1.23 0.00	83.13 1.87 0.00	70.55 1.66 0.00	71.23 1.65 0.00	89.61 2.16 0.00	66.21 1.57 0.00	57.64 1.45 0.00	49.64 1.36 0.00	51.36 1.46 0.00	53.01 1.46 0.00	57.81 1.46 0.00	65.33 1.59 0.00	70.23 1.72 0.00	64.74 1.63 0.00	55.91 1.48 0.00	53.87 1.47 0.00	54.07 1.53 0.00	54.41 1.47 0.00	48.25 1.28 0.00
ALTONA_WT_PWR 323606	59.35 1.21 0.00	57.53 1.31 0.00	51.76 1.13 0.00	47.77 1.00 0.00	47.12 0.99 0.00	55.79 0.81 0.00	82.25 0.98 0.00	69.56 0.67 0.00	70.12 0.54 0.00	88.04 0.58 0.00	64.93 0.28 0.00	56.47 0.29 0.00	48.39 0.12 0.00	49.84 -0.06 0.00	51.46 -0.09 0.00	56.35 0.01 0.00	63.95 0.20 0.00	68.98 0.48 0.00	63.68 0.58 0.00	54.77 0.33 0.00	52.51 0.11 0.00	52.85 0.30 0.00	53.54 0.60 0.00	47.43 0.46 0.00
AMERICAN_REF_FUEL 24010	51.23 -4.36 2.54	46.85 -4.30 5.08	44.36 -3.77 2.49	39.40 -3.51 3.86	42.23 -3.42 0.48	44.87 -5.25 4.86	66.40 -9.63 5.24	56.51 -9.14 3.25	58.07 -9.17 2.34	71.76 -11.67 4.03	54.00 -8.21 2.44	48.52 -7.67 0.00	41.26 -7.02 0.00	42.30 -7.60 0.00	43.51 -8.04 0.00	48.05 -8.29 0.00	54.39 -9.35 0.00	56.46 -10.63 1.41	52.49 -9.83 0.80	45.47 -8.33 0.64	31.40 -7.15 13.85	27.93 -7.44 17.18	30.76 -6.97 15.21	27.71 -5.73 13.52
ARKWRIGHT__SUMMIT_WT_PWR 323751	52.73 -2.05 3.35	46.97 -2.56 6.69	45.81 -1.53 3.28	40.35 -1.33 5.08	44.15 -1.34 0.63	46.42 -2.16 6.41	70.23 -4.13 6.91	60.22 -4.39 4.29	62.06 -4.41 3.12	76.23 -5.85 5.37	57.55 -3.87 3.23	52.02 -4.16 0.00	44.07 -4.21 0.00	45.38 -4.51 0.00	46.84 -4.71 0.00	51.34 -5.00 0.00	58.32 -5.42 0.00	60.60 -6.19 1.72	55.99 -6.17 0.94	47.34 -6.43 0.67	16.87 -6.70 28.82	20.29 -7.21 25.05	26.96 -6.95 19.02	27.59 -6.01 13.36
ARTHUR_KILL_GT_1 23520	59.94 1.80 0.00	57.68 1.45 0.00	51.91 1.28 0.00	48.04 1.27 0.00	47.40 1.28 0.00	56.72 1.73 0.00	84.19 2.92 0.00	71.66 2.76 0.00	72.48 2.90 0.00	91.26 3.81 0.00	67.37 2.72 0.00	58.82 2.63 0.00	50.80 2.52 0.00	52.62 2.73 0.00	54.30 2.75 0.00	59.01 2.67 0.00	66.93 3.19 0.00	71.85 3.35 0.00	66.27 3.17 0.00	57.26 2.82 0.00	55.08 2.68 0.00	55.47 2.93 0.00	55.87 2.94 0.00	49.49 2.53 0.00
ARTHUR_KILL_2 23512	59.79 1.65 0.00	57.51 1.29 0.00	51.75 1.13 0.00	47.93 1.16 0.00	47.27 1.15 0.00	56.56 1.58 0.00	83.95 2.69 0.00	71.44 2.54 0.00	72.26 2.68 0.00	91.01 3.55 0.00	67.18 2.54 0.00	58.65 2.46 0.00	50.66 2.38 0.00	52.48 2.59 0.00	54.16 2.61 0.00	58.84 2.50 0.00	66.74 3.00 0.00	71.64 3.14 0.00	66.09 2.98 0.00	57.09 2.66 0.00	54.92 2.52 0.00	55.32 2.77 0.00	55.71 2.78 0.00	49.35 2.38 0.00
ARTHUR_KILL_3 23513	59.69 1.56 0.00	57.42 1.20 0.00	51.64 1.01 0.00	47.76 0.99 0.00	47.12 1.00 0.00	56.39 1.41 0.00	83.76 2.50 0.00	71.43 2.54 0.00	72.44 2.85 0.00	91.31 3.85 0.00	67.44 2.80 0.00	58.84 2.66 0.00	50.79 2.51 0.00	52.63 2.74 0.00	54.29 2.74 0.00	59.02 2.68 0.00	66.95 3.21 0.00	71.93 3.42 0.00	66.27 3.16 0.00	57.12 2.68 0.00	54.96 2.56 0.00	55.35 2.80 0.00	55.78 2.84 0.00	49.38 2.42 0.00

ARTHUR_KILL_COGEN 323718	59.94 1.80 0.00	57.67 1.45 0.00	51.90 1.28 0.00	48.05 1.28 0.00	47.40 1.28 0.00	56.71 1.73 0.00	84.19 2.92 0.00	71.64 2.74 0.00	72.48 2.89 0.00	91.27 3.81 0.00	67.37 2.73 0.00	58.82 2.64 0.00	50.80 2.52 0.00	52.62 2.73 0.00	54.31 2.76 0.00	59.01 2.67 0.00	66.93 3.19 0.00	71.85 3.35 0.00	66.27 3.17 0.00	57.25 2.82 0.00	55.08 2.68 0.00	55.47 2.93 0.00	55.86 2.93 0.00	49.47 2.51 0.00
ASHOKAN____ 23654	61.23 3.09 0.00	59.10 2.88 0.00	53.22 2.60 0.00	49.18 2.41 0.00	48.44 2.32 0.00	57.99 3.01 0.00	86.16 4.90 0.00	73.32 4.42 0.00	74.14 4.56 0.00	92.99 5.54 0.00	68.39 3.75 0.00	59.50 3.32 0.00	51.15 2.87 0.00	52.97 3.07 0.00	54.64 3.09 0.00	59.55 3.21 0.00	67.51 3.77 0.00	72.76 4.26 0.00	67.15 4.04 0.00	57.94 3.50 0.00	55.74 3.34 0.00	55.84 3.30 0.00	56.07 3.14 0.00	49.60 2.64 0.00
ASTORIA_EAST_ENERGY_CC1 323581	59.82 1.69 0.00	57.53 1.30 0.00	51.77 1.15 0.00	47.91 1.15 0.00	47.24 1.12 0.00	56.54 1.56 0.00	83.87 2.60 0.00	71.61 2.71 0.00	72.62 3.04 0.00	91.50 4.05 0.00	67.48 2.83 0.00	58.95 2.76 0.00	50.91 2.63 0.00	52.74 2.84 0.00	54.39 2.84 0.00	59.13 2.78 0.00	67.03 3.29 0.00	72.01 3.51 0.00	66.38 3.27 0.00	57.32 2.88 0.00	55.08 2.68 0.00	55.48 2.93 0.00	55.87 2.93 0.00	49.52 2.56 0.00
ASTORIA_EAST_ENERGY_CC2 323582	59.82 1.69 0.00	57.53 1.30 0.00	51.77 1.15 0.00	47.91 1.15 0.00	47.24 1.12 0.00	56.54 1.56 0.00	83.87 2.60 0.00	71.61 2.71 0.00	72.62 3.04 0.00	91.50 4.05 0.00	67.48 2.83 0.00	58.95 2.76 0.00	50.91 2.63 0.00	52.74 2.84 0.00	54.39 2.84 0.00	59.13 2.78 0.00	67.03 3.29 0.00	72.01 3.51 0.00	66.38 3.27 0.00	57.32 2.88 0.00	55.08 2.68 0.00	55.48 2.93 0.00	55.87 2.93 0.00	49.52 2.56 0.00
ASTORIA_GT2_1 24094	59.85 1.71 0.00	57.55 1.33 0.00	51.80 1.17 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.59 0.00	83.92 2.65 0.00	71.65 2.75 0.00	72.66 3.08 0.00	91.56 4.10 0.00	67.53 2.88 0.00	58.97 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.88 0.00	59.14 2.80 0.00	67.08 3.34 0.00	72.07 3.57 0.00	66.42 3.31 0.00	57.36 2.92 0.00	55.11 2.71 0.00	55.51 2.97 0.00	55.89 2.96 0.00	49.57 2.60 0.00
ASTORIA_GT2_2 24095	59.85 1.71 0.00	57.55 1.33 0.00	51.80 1.17 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.59 0.00	83.92 2.65 0.00	71.65 2.75 0.00	72.66 3.08 0.00	91.56 4.10 0.00	67.53 2.88 0.00	58.97 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.88 0.00	59.14 2.80 0.00	67.08 3.34 0.00	72.07 3.57 0.00	66.42 3.31 0.00	57.36 2.92 0.00	55.11 2.71 0.00	55.51 2.97 0.00	55.89 2.96 0.00	49.57 2.60 0.00
ASTORIA_GT2_3 24096	59.85 1.71 0.00	57.55 1.33 0.00	51.80 1.17 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.59 0.00	83.92 2.65 0.00	71.65 2.75 0.00	72.66 3.08 0.00	91.56 4.10 0.00	67.53 2.88 0.00	58.97 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.88 0.00	59.14 2.80 0.00	67.08 3.34 0.00	72.07 3.57 0.00	66.42 3.31 0.00	57.36 2.92 0.00	55.11 2.71 0.00	55.51 2.97 0.00	55.89 2.96 0.00	49.57 2.60 0.00
ASTORIA_GT2_4 24097	59.85 1.71 0.00	57.55 1.33 0.00	51.80 1.17 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.59 0.00	83.92 2.65 0.00	71.65 2.75 0.00	72.66 3.08 0.00	91.56 4.10 0.00	67.53 2.88 0.00	58.97 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.88 0.00	59.14 2.80 0.00	67.08 3.34 0.00	72.07 3.57 0.00	66.42 3.31 0.00	57.36 2.92 0.00	55.11 2.71 0.00	55.51 2.97 0.00	55.89 2.96 0.00	49.57 2.60 0.00
ASTORIA_GT3_1 24098	59.85 1.71 0.00	57.55 1.33 0.00	51.80 1.17 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.59 0.00	83.92 2.65 0.00	71.65 2.75 0.00	72.66 3.08 0.00	91.56 4.10 0.00	67.53 2.88 0.00	58.97 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.88 0.00	59.14 2.80 0.00	67.08 3.34 0.00	72.07 3.57 0.00	66.42 3.31 0.00	57.36 2.92 0.00	55.11 2.71 0.00	55.51 2.97 0.00	55.89 2.96 0.00	49.57 2.60 0.00
ASTORIA_GT3_2 24099	59.85 1.71 0.00	57.55 1.33 0.00	51.80 1.17 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.59 0.00	83.92 2.65 0.00	71.65 2.75 0.00	72.66 3.08 0.00	91.56 4.10 0.00	67.53 2.88 0.00	58.97 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.88 0.00	59.14 2.80 0.00	67.08 3.34 0.00	72.07 3.57 0.00	66.42 3.31 0.00	57.36 2.92 0.00	55.11 2.71 0.00	55.51 2.97 0.00	55.89 2.96 0.00	49.57 2.60 0.00
ASTORIA_GT3_3 24100	59.85 1.71 0.00	57.55 1.33 0.00	51.80 1.17 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.59 0.00	83.92 2.65 0.00	71.65 2.75 0.00	72.66 3.08 0.00	91.56 4.10 0.00	67.53 2.88 0.00	58.97 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.88 0.00	59.14 2.80 0.00	67.08 3.34 0.00	72.07 3.57 0.00	66.42 3.31 0.00	57.36 2.92 0.00	55.11 2.71 0.00	55.51 2.97 0.00	55.89 2.96 0.00	49.57 2.60 0.00
ASTORIA_GT3_4 24101	59.85 1.71 0.00	57.55 1.33 0.00	51.80 1.17 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.59 0.00	83.92 2.65 0.00	71.65 2.75 0.00	72.66 3.08 0.00	91.56 4.10 0.00	67.53 2.88 0.00	58.97 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.88 0.00	59.14 2.80 0.00	67.08 3.34 0.00	72.07 3.57 0.00	66.42 3.31 0.00	57.36 2.92 0.00	55.11 2.71 0.00	55.51 2.97 0.00	55.89 2.96 0.00	49.57 2.60 0.00
ASTORIA_GT4_1 24102	59.85 1.71 0.00	57.55 1.33 0.00	51.80 1.17 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.59 0.00	83.92 2.65 0.00	71.65 2.75 0.00	72.66 3.08 0.00	91.56 4.10 0.00	67.53 2.88 0.00	58.97 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.88 0.00	59.14 2.80 0.00	67.08 3.34 0.00	72.07 3.57 0.00	66.42 3.31 0.00	57.36 2.92 0.00	55.11 2.71 0.00	55.51 2.97 0.00	55.89 2.96 0.00	49.57 2.60 0.00
ASTORIA_GT4_2 24103	59.85 1.71 0.00	57.55 1.33 0.00	51.80 1.17 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.59 0.00	83.92 2.65 0.00	71.65 2.75 0.00	72.66 3.08 0.00	91.56 4.10 0.00	67.53 2.88 0.00	58.97 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.88 0.00	59.14 2.80 0.00	67.08 3.34 0.00	72.07 3.57 0.00	66.42 3.31 0.00	57.36 2.92 0.00	55.11 2.71 0.00	55.51 2.97 0.00	55.89 2.96 0.00	49.57 2.60 0.00
ASTORIA_GT4_3 24104	59.85 1.71 0.00	57.55 1.33 0.00	51.80 1.17 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.59 0.00	83.92 2.65 0.00	71.65 2.75 0.00	72.66 3.08 0.00	91.56 4.10 0.00	67.53 2.88 0.00	58.97 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.88 0.00	59.14 2.80 0.00	67.08 3.34 0.00	72.07 3.57 0.00	66.42 3.31 0.00	57.36 2.92 0.00	55.11 2.71 0.00	55.51 2.97 0.00	55.89 2.96 0.00	49.57 2.60 0.00

ASTORIA_GT4_4 24105	59.85 1.71 0.00	57.55 1.33 0.00	51.80 1.17 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.59 0.00	83.92 2.65 0.00	71.65 2.75 0.00	72.66 3.08 0.00	91.56 4.10 0.00	67.53 2.88 0.00	58.97 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.88 0.00	59.14 2.80 0.00	67.08 3.34 0.00	72.07 3.57 0.00	66.42 3.31 0.00	57.36 2.92 0.00	55.11 2.71 0.00	55.51 2.97 0.00	55.89 2.96 0.00	49.57 2.60 0.00
ASTORIA_GT_1 23523	59.96 1.83 0.00	57.66 1.43 0.00	51.90 1.27 0.00	48.03 1.26 0.00	47.35 1.23 0.00	56.68 1.69 0.00	84.08 2.81 0.00	71.79 2.90 0.00	72.81 3.22 0.00	91.76 4.30 0.00	67.67 3.02 0.00	59.10 2.92 0.00	51.04 2.76 0.00	52.87 2.98 0.00	54.54 2.98 0.00	59.27 2.93 0.00	67.21 3.47 0.00	72.21 3.71 0.00	66.55 3.44 0.00	57.47 3.04 0.00	55.21 2.81 0.00	55.62 3.07 0.00	55.99 3.06 0.00	49.66 2.70 0.00
ASTORIA_GT_10 24110	60.09 1.95 0.00	57.79 1.56 0.00	51.98 1.35 0.00	48.09 1.32 0.00	47.43 1.31 0.00	56.78 1.80 0.00	84.32 3.05 0.00	71.93 3.03 0.00	72.93 3.34 0.00	91.90 4.44 0.00	67.80 3.15 0.00	59.15 2.97 0.00	51.09 2.81 0.00	52.92 3.03 0.00	54.58 3.03 0.00	59.32 2.98 0.00	67.28 3.54 0.00	72.25 3.74 0.00	66.58 3.47 0.00	57.44 3.00 0.00	55.29 2.89 0.00	55.65 3.11 0.00	56.07 3.14 0.00	49.66 2.70 0.00
ASTORIA_GT_11 24225	60.09 1.95 0.00	57.79 1.56 0.00	51.98 1.35 0.00	48.09 1.32 0.00	47.43 1.31 0.00	56.78 1.80 0.00	84.32 3.05 0.00	71.93 3.03 0.00	72.93 3.34 0.00	91.90 4.44 0.00	67.80 3.15 0.00	59.15 2.97 0.00	51.09 2.81 0.00	52.92 3.03 0.00	54.58 3.03 0.00	59.32 2.98 0.00	67.28 3.54 0.00	72.25 3.74 0.00	66.58 3.47 0.00	57.44 3.00 0.00	55.29 2.89 0.00	55.65 3.11 0.00	56.07 3.14 0.00	49.66 2.70 0.00
ASTORIA_GT_12 24226	60.09 1.95 0.00	57.79 1.56 0.00	51.98 1.35 0.00	48.09 1.32 0.00	47.43 1.31 0.00	56.78 1.80 0.00	84.32 3.05 0.00	71.93 3.03 0.00	72.93 3.34 0.00	91.90 4.44 0.00	67.80 3.15 0.00	59.15 2.97 0.00	51.09 2.81 0.00	52.92 3.03 0.00	54.58 3.03 0.00	59.32 2.98 0.00	67.28 3.54 0.00	72.25 3.74 0.00	66.58 3.47 0.00	57.44 3.00 0.00	55.29 2.89 0.00	55.65 3.11 0.00	56.07 3.14 0.00	49.66 2.70 0.00
ASTORIA_GT_13 24227	60.09 1.95 0.00	57.79 1.56 0.00	51.98 1.35 0.00	48.09 1.32 0.00	47.43 1.31 0.00	56.78 1.80 0.00	84.32 3.05 0.00	71.93 3.03 0.00	72.93 3.34 0.00	91.90 4.44 0.00	67.80 3.15 0.00	59.15 2.97 0.00	51.09 2.81 0.00	52.92 3.03 0.00	54.58 3.03 0.00	59.32 2.98 0.00	67.28 3.54 0.00	72.25 3.74 0.00	66.58 3.47 0.00	57.44 3.00 0.00	55.29 2.89 0.00	55.65 3.11 0.00	56.07 3.14 0.00	49.66 2.70 0.00
ASTORIA_GT_5 24106	59.96 1.83 0.00	57.66 1.43 0.00	51.90 1.27 0.00	48.03 1.26 0.00	47.35 1.23 0.00	56.68 1.69 0.00	84.08 2.81 0.00	71.79 2.90 0.00	72.81 3.22 0.00	91.76 4.30 0.00	67.67 3.02 0.00	59.10 2.92 0.00	51.04 2.76 0.00	52.87 2.98 0.00	54.54 2.98 0.00	59.27 2.93 0.00	67.21 3.47 0.00	72.21 3.71 0.00	66.55 3.44 0.00	57.47 3.04 0.00	55.21 2.81 0.00	55.62 3.07 0.00	55.99 3.06 0.00	49.66 2.70 0.00
ASTORIA_GT_7 24107	59.96 1.83 0.00	57.66 1.43 0.00	51.90 1.27 0.00	48.03 1.26 0.00	47.35 1.23 0.00	56.68 1.69 0.00	84.08 2.81 0.00	71.79 2.90 0.00	72.81 3.22 0.00	91.76 4.30 0.00	67.67 3.02 0.00	59.10 2.92 0.00	51.04 2.76 0.00	52.87 2.98 0.00	54.54 2.98 0.00	59.27 2.93 0.00	67.21 3.47 0.00	72.21 3.71 0.00	66.55 3.44 0.00	57.47 3.04 0.00	55.21 2.81 0.00	55.62 3.07 0.00	55.99 3.06 0.00	49.66 2.70 0.00
ASTORIA_GT_8 24108	59.96 1.83 0.00	57.66 1.43 0.00	51.90 1.27 0.00	48.03 1.26 0.00	47.35 1.23 0.00	56.68 1.69 0.00	84.08 2.81 0.00	71.79 2.90 0.00	72.81 3.22 0.00	91.76 4.30 0.00	67.67 3.02 0.00	59.10 2.92 0.00	51.04 2.76 0.00	52.87 2.98 0.00	54.54 2.98 0.00	59.27 2.93 0.00	67.21 3.47 0.00	72.21 3.71 0.00	66.55 3.44 0.00	57.47 3.04 0.00	55.21 2.81 0.00	55.62 3.07 0.00	55.99 3.06 0.00	49.66 2.70 0.00
ASTORIA___2 24149	59.86 1.72 0.00	57.55 1.33 0.00	51.80 1.18 0.00	47.95 1.18 0.00	47.27 1.14 0.00	56.58 1.60 0.00	83.91 2.64 0.00	71.63 2.74 0.00	72.66 3.08 0.00	91.56 4.11 0.00	67.52 2.88 0.00	58.96 2.78 0.00	50.94 2.66 0.00	52.77 2.87 0.00	54.42 2.87 0.00	59.13 2.79 0.00	67.07 3.33 0.00	72.06 3.56 0.00	66.42 3.30 0.00	57.35 2.92 0.00	55.11 2.71 0.00	55.50 2.95 0.00	55.88 2.95 0.00	49.56 2.60 0.00
ASTORIA___3 23516	60.08 1.94 0.00	57.79 1.56 0.00	51.98 1.36 0.00	48.09 1.32 0.00	47.43 1.31 0.00	56.79 1.80 0.00	84.30 3.03 0.00	71.92 3.02 0.00	72.92 3.33 0.00	91.90 4.44 0.00	67.80 3.15 0.00	59.15 2.97 0.00	51.09 2.81 0.00	52.92 3.03 0.00	54.58 3.03 0.00	59.32 2.98 0.00	67.27 3.53 0.00	72.24 3.74 0.00	66.56 3.45 0.00	57.44 3.00 0.00	55.29 2.89 0.00	55.65 3.11 0.00	56.06 3.13 0.00	49.65 2.69 0.00
ASTORIA___4 23517	60.08 1.95 0.00	57.79 1.56 0.00	51.98 1.35 0.00	48.09 1.32 0.00	47.43 1.31 0.00	56.78 1.80 0.00	84.32 3.05 0.00	71.93 3.03 0.00	72.93 3.34 0.00	91.90 4.44 0.00	67.80 3.15 0.00	59.15 2.97 0.00	51.09 2.81 0.00	52.92 3.03 0.00	54.58 3.03 0.00	59.32 2.98 0.00	67.27 3.53 0.00	72.25 3.74 0.00	66.57 3.46 0.00	57.44 3.00 0.00	55.29 2.89 0.00	55.65 3.11 0.00	56.07 3.13 0.00	49.66 2.70 0.00
ASTORIA___5 23518	60.08 1.94 0.00	57.79 1.56 0.00	51.98 1.36 0.00	48.09 1.32 0.00	47.43 1.31 0.00	56.79 1.80 0.00	84.30 3.03 0.00	71.92 3.02 0.00	72.92 3.33 0.00	91.90 4.44 0.00	67.80 3.15 0.00	59.15 2.97 0.00	51.09 2.81 0.00	52.92 3.03 0.00	54.58 3.03 0.00	59.32 2.98 0.00	67.27 3.53 0.00	72.24 3.74 0.00	66.57 3.46 0.00	57.44 3.00 0.00	55.29 2.89 0.00	55.65 3.11 0.00	56.06 3.13 0.00	49.65 2.69 0.00
AST_ENERGY_2_CC3 323677	59.77 1.63 0.00	57.48 1.25 0.00	51.69 1.07 0.00	47.82 1.05 0.00	47.18 1.05 0.00	56.49 1.50 0.00	83.87 2.61 0.00	71.51 2.61 0.00	72.51 2.93 0.00	91.40 3.95 0.00	67.52 2.87 0.00	58.90 2.72 0.00	50.86 2.58 0.00	52.69 2.80 0.00	54.35 2.80 0.00	59.07 2.73 0.00	66.99 3.25 0.00	71.95 3.44 0.00	66.29 3.18 0.00	57.15 2.71 0.00	55.00 2.60 0.00	55.43 2.88 0.00	55.96 3.03 0.00	49.55 2.58 0.00
AST_ENERGY_2_CC4 323678	59.77 1.63 0.00	57.48 1.25 0.00	51.69 1.07 0.00	47.82 1.05 0.00	47.18 1.05 0.00	56.49 1.50 0.00	83.87 2.61 0.00	71.51 2.61 0.00	72.51 2.93 0.00	91.40 3.95 0.00	67.52 2.87 0.00	58.90 2.72 0.00	50.86 2.58 0.00	52.69 2.80 0.00	54.35 2.80 0.00	59.07 2.73 0.00	66.99 3.25 0.00	71.95 3.44 0.00	66.29 3.18 0.00	57.15 2.71 0.00	55.00 2.60 0.00	55.43 2.88 0.00	55.96 3.03 0.00	49.55 2.58 0.00

ATHENS_STG_1 23668	57.84 -0.29 0.00	55.80 -0.43 0.00	50.21 -0.42 0.00	46.43 -0.34 0.00	45.76 -0.37 0.00	54.77 -0.22 0.00	81.31 0.04 0.00	69.18 0.28 0.00	70.11 0.52 0.00	88.33 0.87 0.00	65.24 0.59 0.00	56.80 0.62 0.00	49.03 0.75 0.00	50.81 0.91 0.00	52.42 0.87 0.00	56.97 0.63 0.00	64.59 0.85 0.00	69.45 0.94 0.00	64.04 0.93 0.00	55.26 0.82 0.00	53.18 0.79 0.00	53.48 0.93 0.00	53.82 0.89 0.00	47.83 0.87 0.00
ATHENS_STG_2 23670	57.84 -0.29 0.00	55.80 -0.43 0.00	50.21 -0.42 0.00	46.43 -0.34 0.00	45.76 -0.37 0.00	54.77 -0.22 0.00	81.31 0.04 0.00	69.18 0.28 0.00	70.11 0.52 0.00	88.33 0.87 0.00	65.24 0.59 0.00	56.80 0.62 0.00	49.03 0.75 0.00	50.81 0.91 0.00	52.42 0.87 0.00	56.97 0.63 0.00	64.59 0.85 0.00	69.45 0.94 0.00	64.04 0.93 0.00	55.26 0.82 0.00	53.18 0.79 0.00	53.48 0.93 0.00	53.82 0.89 0.00	47.83 0.87 0.00
ATHENS_STG_3 23677	57.84 -0.29 0.00	55.80 -0.43 0.00	50.21 -0.42 0.00	46.43 -0.34 0.00	45.76 -0.37 0.00	54.77 -0.22 0.00	81.31 0.04 0.00	69.18 0.28 0.00	70.11 0.52 0.00	88.33 0.87 0.00	65.24 0.59 0.00	56.80 0.62 0.00	49.03 0.75 0.00	50.81 0.91 0.00	52.42 0.87 0.00	56.97 0.63 0.00	64.59 0.85 0.00	69.45 0.94 0.00	64.04 0.93 0.00	55.26 0.82 0.00	53.18 0.79 0.00	53.48 0.93 0.00	53.82 0.89 0.00	47.83 0.87 0.00
AUBURN___LFGE 323710	57.67 -0.47 0.00	55.53 -0.70 0.00	50.19 -0.44 0.00	46.22 -0.55 0.00	45.66 -0.47 0.00	54.68 -0.30 0.00	80.77 -0.49 0.00	68.19 -0.71 0.00	69.02 -0.56 0.00	86.57 -0.88 0.00	63.73 -0.91 0.00	55.18 -1.01 0.00	47.47 -0.81 0.00	49.11 -0.79 0.00	50.71 -0.84 0.00	55.47 -0.87 0.00	62.72 -1.02 0.00	67.42 -0.93 0.00	62.33 -0.78 0.00	53.69 -0.67 0.07	51.69 -0.71 0.00	50.31 -0.85 1.39	51.66 -0.86 0.41	46.03 -0.94 0.00
BABYLON_RES_REC 323704	60.50 2.36 0.00	57.96 1.73 0.00	52.17 1.55 0.00	48.26 1.49 0.00	47.67 1.55 0.00	57.04 2.05 0.00	84.13 2.87 0.00	71.79 2.89 0.00	72.59 3.01 0.00	91.56 4.10 0.00	68.01 3.37 0.00	59.66 3.47 0.00	51.71 3.43 0.00	53.52 3.62 0.00	55.15 3.60 0.00	59.85 3.51 0.00	67.33 3.59 0.00	72.29 3.79 0.00	66.92 3.81 0.00	57.83 3.39 0.00	55.90 3.51 0.00	56.46 3.91 0.00	56.77 3.83 0.00	50.31 3.35 0.00
BALL_HILL_WT_PWR 323825	52.63 -2.51 2.99	47.55 -2.71 5.97	45.53 -2.17 2.93	40.26 -1.98 4.53	43.59 -1.96 0.57	46.31 -2.97 5.71	69.45 -5.66 6.16	59.57 -5.51 3.81	61.29 -5.56 2.73	75.48 -7.26 4.72	56.81 -4.98 2.86	51.23 -4.96 0.00	43.57 -4.71 0.00	44.77 -5.12 0.00	46.17 -5.38 0.00	50.88 -5.46 0.00	57.63 -6.11 0.00	59.86 -7.02 1.62	55.55 -6.60 0.95	47.65 -6.00 0.79	27.00 -5.84 19.56	23.84 -6.28 22.42	27.09 -5.99 19.85	24.53 -5.05 17.38
BARON_WINDS___WT_PWR 323822	57.10 -1.86 -0.82	55.87 -1.99 -1.64	49.82 -1.62 -0.80	46.60 -1.42 -1.25	45.01 -1.27 -0.15	54.63 -1.93 -1.57	79.22 -3.74 -1.69	66.48 -3.48 -1.05	66.63 -3.71 -0.76	83.71 -5.04 -1.30	61.94 -3.49 -0.78	52.67 -3.52 0.00	45.08 -3.20 0.00	46.38 -3.51 0.00	48.01 -3.54 0.00	52.58 -3.76 0.00	59.27 -4.47 0.00	62.75 -5.25 0.51	57.10 -4.91 1.11	46.96 -4.47 3.00	-39.65 -4.32 87.73	-43.00 -4.72 90.82	-43.00 -4.89 91.04	-43.00 -4.47 85.49
BARRETT_IC_1 23704	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00
BARRETT_IC_10 23701	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00
BARRETT_IC_11 23702	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00
BARRETT_IC_12 23703	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00
BARRETT_IC_2 23705	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00
BARRETT_IC_3 23706	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00
BARRETT_IC_4 23707	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00
BARRETT_IC_5 23708	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00

BARRETT_IC_6 23709	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00
BARRETT_IC_7 23710	59.81 1.67 0.00	57.38 1.15 0.00	51.65 1.03 0.00	47.77 1.00 0.00	47.17 1.04 0.00	56.20 1.22 0.00	83.02 1.75 0.00	70.82 1.92 0.00	71.63 2.04 0.00	90.38 2.92 0.00	67.21 2.56 0.00	59.00 2.82 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.17 2.83 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.20 2.80 0.00	55.73 3.19 0.00	56.07 3.13 0.00	49.67 2.71 0.00
BARRETT_IC_8 23711	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00
BARRETT_IC_9 23700	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00
BARRETT__1 23545	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00
BARRETT__2 23546	59.80 1.66 0.00	57.37 1.15 0.00	51.65 1.03 0.00	47.77 1.01 0.00	47.17 1.05 0.00	56.21 1.22 0.00	83.02 1.75 0.00	70.78 1.88 0.00	71.60 2.02 0.00	90.38 2.92 0.00	67.20 2.55 0.00	59.00 2.81 0.00	51.14 2.86 0.00	52.93 3.04 0.00	54.55 3.00 0.00	59.16 2.82 0.00	66.33 2.59 0.00	71.26 2.76 0.00	65.90 2.79 0.00	57.02 2.58 0.00	55.19 2.80 0.00	55.73 3.19 0.00	56.06 3.12 0.00	49.67 2.70 0.00
BATAVIA__115KV_TB1 55881	56.61 -1.53 0.00	54.55 -1.68 0.00	49.19 -1.44 0.00	45.43 -1.34 0.00	44.84 -1.28 0.00	52.79 -2.20 0.00	76.95 -4.32 0.00	64.57 -4.32 0.00	65.23 -4.36 0.00	81.75 -5.71 0.00	60.53 -4.11 0.00	51.90 -4.29 0.00	43.99 -4.29 0.00	45.10 -4.79 0.00	46.43 -5.12 0.00	51.52 -4.82 0.00	58.64 -5.10 0.00	62.32 -5.78 0.40	57.75 -5.23 0.14	49.53 -4.45 0.46	38.98 -4.02 9.40	35.82 -4.39 12.33	38.33 -4.08 10.52	34.38 -3.42 9.17
BAYONEEC__CTG1 323682	59.88 1.74 0.00	57.59 1.37 0.00	51.80 1.17 0.00	47.92 1.15 0.00	47.27 1.15 0.00	56.60 1.61 0.00	84.01 2.74 0.00	71.65 2.75 0.00	72.64 3.06 0.00	91.57 4.12 0.00	67.65 3.00 0.00	59.01 2.82 0.00	50.95 2.67 0.00	52.79 2.89 0.00	54.45 2.90 0.00	59.19 2.84 0.00	67.11 3.37 0.00	72.08 3.58 0.00	66.42 3.31 0.00	57.25 2.82 0.00	55.11 2.71 0.00	55.50 2.95 0.00	55.93 3.00 0.00	49.54 2.57 0.00
BAYONEEC__CTG10 323750	59.88 1.74 0.00	57.59 1.37 0.00	51.80 1.17 0.00	47.92 1.15 0.00	47.27 1.15 0.00	56.60 1.61 0.00	84.01 2.74 0.00	71.65 2.75 0.00	72.64 3.06 0.00	91.57 4.12 0.00	67.65 3.00 0.00	59.01 2.82 0.00	50.95 2.67 0.00	52.79 2.89 0.00	54.45 2.90 0.00	59.19 2.84 0.00	67.11 3.37 0.00	72.08 3.58 0.00	66.42 3.31 0.00	57.25 2.82 0.00	55.11 2.71 0.00	55.50 2.95 0.00	55.93 3.00 0.00	49.54 2.57 0.00
BAYONEEC__CTG2 323683	59.88 1.74 0.00	57.59 1.37 0.00	51.80 1.17 0.00	47.92 1.15 0.00	47.27 1.15 0.00	56.60 1.61 0.00	84.01 2.74 0.00	71.65 2.75 0.00	72.64 3.06 0.00	91.57 4.12 0.00	67.65 3.00 0.00	59.01 2.82 0.00	50.95 2.67 0.00	52.79 2.89 0.00	54.45 2.90 0.00	59.19 2.84 0.00	67.11 3.37 0.00	72.08 3.58 0.00	66.42 3.31 0.00	57.25 2.82 0.00	55.11 2.71 0.00	55.50 2.95 0.00	55.93 3.00 0.00	49.54 2.57 0.00
BAYONEEC__CTG3 323684	59.88 1.74 0.00	57.59 1.37 0.00	51.80 1.17 0.00	47.92 1.15 0.00	47.27 1.15 0.00	56.60 1.61 0.00	84.01 2.74 0.00	71.65 2.75 0.00	72.64 3.06 0.00	91.57 4.12 0.00	67.65 3.00 0.00	59.01 2.82 0.00	50.95 2.67 0.00	52.79 2.89 0.00	54.45 2.90 0.00	59.19 2.84 0.00	67.11 3.37 0.00	72.08 3.58 0.00	66.42 3.31 0.00	57.25 2.82 0.00	55.11 2.71 0.00	55.50 2.95 0.00	55.93 3.00 0.00	49.54 2.57 0.00
BAYONEEC__CTG4 323685	59.88 1.74 0.00	57.59 1.37 0.00	51.80 1.17 0.00	47.92 1.15 0.00	47.27 1.15 0.00	56.60 1.61 0.00	84.01 2.74 0.00	71.65 2.75 0.00	72.64 3.06 0.00	91.57 4.12 0.00	67.65 3.00 0.00	59.01 2.82 0.00	50.95 2.67 0.00	52.79 2.89 0.00	54.45 2.90 0.00	59.19 2.84 0.00	67.11 3.37 0.00	72.08 3.58 0.00	66.42 3.31 0.00	57.25 2.82 0.00	55.11 2.71 0.00	55.50 2.95 0.00	55.93 3.00 0.00	49.54 2.57 0.00
BAYONEEC__CTG5 323686	59.88 1.74 0.00	57.59 1.37 0.00	51.80 1.17 0.00	47.92 1.15 0.00	47.27 1.15 0.00	56.60 1.61 0.00	84.01 2.74 0.00	71.65 2.75 0.00	72.64 3.06 0.00	91.57 4.12 0.00	67.65 3.00 0.00	59.01 2.82 0.00	50.95 2.67 0.00	52.79 2.89 0.00	54.45 2.90 0.00	59.19 2.84 0.00	67.11 3.37 0.00	72.08 3.58 0.00	66.42 3.31 0.00	57.25 2.82 0.00	55.11 2.71 0.00	55.50 2.95 0.00	55.93 3.00 0.00	49.54 2.57 0.00
BAYONEEC__CTG6 323687	59.88 1.74 0.00	57.59 1.37 0.00	51.80 1.17 0.00	47.92 1.15 0.00	47.27 1.15 0.00	56.60 1.61 0.00	84.01 2.74 0.00	71.65 2.75 0.00	72.64 3.06 0.00	91.57 4.12 0.00	67.65 3.00 0.00	59.01 2.82 0.00	50.95 2.67 0.00	52.79 2.89 0.00	54.45 2.90 0.00	59.19 2.84 0.00	67.11 3.37 0.00	72.08 3.58 0.00	66.42 3.31 0.00	57.25 2.82 0.00	55.11 2.71 0.00	55.50 2.95 0.00	55.93 3.00 0.00	49.54 2.57 0.00
BAYONEEC__CTG7 323688	59.88 1.74 0.00	57.59 1.37 0.00	51.80 1.17 0.00	47.92 1.15 0.00	47.27 1.15 0.00	56.60 1.61 0.00	84.01 2.74 0.00	71.65 2.75 0.00	72.64 3.06 0.00	91.57 4.12 0.00	67.65 3.00 0.00	59.01 2.82 0.00	50.95 2.67 0.00	52.79 2.89 0.00	54.45 2.90 0.00	59.19 2.84 0.00	67.11 3.37 0.00	72.08 3.58 0.00	66.42 3.31 0.00	57.25 2.82 0.00	55.11 2.71 0.00	55.50 2.95 0.00	55.93 3.00 0.00	49.54 2.57 0.00

BAYONEEC___CTG8 323689	59.88 1.74 0.00	57.59 1.37 0.00	51.80 1.17 0.00	47.92 1.15 0.00	47.27 1.15 0.00	56.60 1.61 0.00	84.01 2.74 0.00	71.65 2.75 0.00	72.64 3.06 0.00	91.57 4.12 0.00	67.65 3.00 0.00	59.01 2.82 0.00	50.95 2.67 0.00	52.79 2.89 0.00	54.45 2.90 0.00	59.19 2.84 0.00	67.11 3.37 0.00	72.08 3.58 0.00	66.42 3.31 0.00	57.25 2.82 0.00	55.11 2.71 0.00	55.50 2.95 0.00	55.93 3.00 0.00	49.54 2.57 0.00
BAYONEEC___CTG9 323749	59.88 1.74 0.00	57.59 1.37 0.00	51.80 1.17 0.00	47.92 1.15 0.00	47.27 1.15 0.00	56.60 1.61 0.00	84.01 2.74 0.00	71.65 2.75 0.00	72.64 3.06 0.00	91.57 4.12 0.00	67.65 3.00 0.00	59.01 2.82 0.00	50.95 2.67 0.00	52.79 2.89 0.00	54.45 2.90 0.00	59.19 2.84 0.00	67.11 3.37 0.00	72.08 3.58 0.00	66.42 3.31 0.00	57.25 2.82 0.00	55.11 2.71 0.00	55.50 2.95 0.00	55.93 3.00 0.00	49.54 2.57 0.00
BEACON___LESR 323632	60.55 2.41 0.00	58.54 2.31 0.00	52.68 2.06 0.00	48.68 1.91 0.00	48.05 1.92 0.00	57.30 2.32 0.00	84.65 3.38 0.00	71.93 3.04 0.00	72.62 3.04 0.00	91.39 3.93 0.00	67.66 3.01 0.00	58.92 2.73 0.00	50.79 2.51 0.00	52.39 2.49 0.00	54.02 2.48 0.00	58.88 2.54 0.00	66.77 3.03 0.00	71.80 3.29 0.00	66.19 3.08 0.00	57.14 2.71 0.00	54.94 2.54 0.00	55.15 2.60 0.00	55.46 2.53 0.00	49.15 2.18 0.00
BEAVER RIVER___HYD 24048	59.54 1.41 0.00	57.73 1.51 0.00	51.56 0.93 0.00	47.32 0.55 0.00	46.50 0.38 0.00	56.28 1.30 0.00	82.83 1.56 0.00	69.21 0.31 0.00	69.50 -0.08 0.00	86.39 -1.06 0.00	64.26 -0.39 0.00	55.45 -0.74 0.00	46.82 -1.46 0.00	48.07 -1.82 0.00	50.18 -1.38 0.00	56.38 0.04 0.00	63.17 -0.57 0.00	68.42 -0.08 0.00	63.27 0.17 0.00	54.28 -0.16 0.00	51.96 -0.44 0.00	51.76 -0.79 0.00	51.88 -1.05 0.00	45.91 -1.06 0.00
BEEBEE_GT_13 23619	56.54 -1.60 0.00	54.50 -1.72 0.00	49.10 -1.53 0.00	45.34 -1.43 0.00	44.76 -1.37 0.00	53.17 -1.81 0.00	78.11 -3.16 0.00	65.94 -2.96 0.00	66.66 -2.93 0.00	83.66 -3.80 0.00	61.94 -2.70 0.00	53.48 -2.71 0.00	45.67 -2.60 0.00	47.05 -2.84 0.00	48.56 -3.00 0.00	53.34 -3.00 0.00	60.49 -3.25 0.00	64.62 -3.63 0.24	59.76 -3.35 0.00	51.46 -2.85 0.12	49.63 -2.77 0.00	47.14 -3.01 2.39	49.33 -2.91 0.70	44.45 -2.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	60.36 2.22 0.00	58.03 1.81 0.00	52.21 1.58 0.00	48.31 1.54 0.00	47.66 1.53 0.00	57.01 2.03 0.00	84.67 3.41 0.00	72.18 3.28 0.00	73.13 3.55 0.00	92.16 4.71 0.00	68.01 3.37 0.00	59.37 3.19 0.00	51.28 3.00 0.00	53.11 3.22 0.00	54.79 3.24 0.00	59.56 3.21 0.00	67.52 3.77 0.00	72.47 3.97 0.00	66.81 3.70 0.00	57.70 3.26 0.00	55.50 3.10 0.00	55.88 3.33 0.00	56.27 3.33 0.00	49.83 2.87 0.00
BETHLEHEM___GRP 23843	59.96 1.83 0.00	58.04 1.81 0.00	52.26 1.64 0.00	48.28 1.51 0.00	47.56 1.43 0.00	56.70 1.71 0.00	83.81 2.54 0.00	71.16 2.26 0.00	71.82 2.24 0.00	90.36 2.91 0.00	66.76 2.12 0.00	58.12 1.94 0.00	50.12 1.84 0.00	51.85 1.95 0.00	53.47 1.92 0.00	58.25 1.91 0.00	66.01 2.27 0.00	70.95 2.45 0.00	65.41 2.30 0.00	56.49 2.05 0.00	54.33 1.93 0.00	54.57 2.02 0.00	54.90 1.96 0.00	48.67 1.71 0.00
BETHLEHEM___GS1 323560	59.96 1.83 0.00	58.04 1.81 0.00	52.26 1.63 0.00	48.28 1.51 0.00	47.56 1.43 0.00	56.70 1.72 0.00	83.80 2.54 0.00	71.15 2.25 0.00	71.82 2.24 0.00	90.36 2.91 0.00	66.76 2.12 0.00	58.12 1.94 0.00	50.12 1.84 0.00	51.85 1.96 0.00	53.47 1.92 0.00	58.25 1.91 0.00	66.01 2.27 0.00	70.95 2.44 0.00	65.41 2.30 0.00	56.49 2.05 0.00	54.34 1.94 0.00	54.57 2.02 0.00	54.89 1.96 0.00	48.67 1.70 0.00
BETHLEHEM___GS2 323561	59.96 1.83 0.00	58.04 1.81 0.00	52.26 1.63 0.00	48.28 1.51 0.00	47.56 1.43 0.00	56.70 1.72 0.00	83.80 2.54 0.00	71.15 2.25 0.00	71.82 2.24 0.00	90.36 2.91 0.00	66.76 2.12 0.00	58.12 1.94 0.00	50.12 1.84 0.00	51.85 1.96 0.00	53.47 1.92 0.00	58.25 1.91 0.00	66.01 2.27 0.00	70.95 2.44 0.00	65.41 2.30 0.00	56.49 2.05 0.00	54.34 1.94 0.00	54.57 2.02 0.00	54.89 1.96 0.00	48.67 1.70 0.00
BETHLEHEM___GS3 323562	59.96 1.83 0.00	58.04 1.81 0.00	52.26 1.63 0.00	48.28 1.51 0.00	47.56 1.43 0.00	56.70 1.72 0.00	83.80 2.54 0.00	71.15 2.25 0.00	71.82 2.24 0.00	90.36 2.91 0.00	66.76 2.12 0.00	58.12 1.94 0.00	50.12 1.84 0.00	51.85 1.96 0.00	53.47 1.92 0.00	58.25 1.91 0.00	66.01 2.27 0.00	70.95 2.44 0.00	65.41 2.30 0.00	56.49 2.05 0.00	54.34 1.94 0.00	54.57 2.02 0.00	54.89 1.96 0.00	48.67 1.70 0.00
BETHLEHEM___STEEL 23779	55.62 -2.52 0.00	53.58 -2.64 0.00	48.38 -2.24 0.00	44.72 -2.05 0.00	44.07 -2.06 0.00	51.86 -3.12 0.00	75.21 -6.06 0.00	62.99 -5.91 0.00	63.73 -5.85 0.00	79.91 -7.55 0.00	59.48 -5.17 0.00	51.12 -5.07 0.00	43.47 -4.81 0.00	44.63 -5.27 0.00	46.01 -5.55 0.00	50.70 -5.64 0.00	57.39 -6.35 0.00	60.64 -7.35 0.51	56.05 -6.82 0.24	47.80 -5.90 0.74	29.86 -5.69 16.85	25.91 -6.10 20.53	28.77 -5.77 18.39	25.77 -4.77 16.43
BETHLHEM_115KV_TB1 79974	59.51 1.38 0.00	57.59 1.37 0.00	51.85 1.23 0.00	47.92 1.15 0.00	47.19 1.07 0.00	56.31 1.32 0.00	83.23 1.96 0.00	70.62 1.73 0.00	71.32 1.74 0.00	89.74 2.29 0.00	66.33 1.69 0.00	57.77 1.58 0.00	49.76 1.48 0.00	51.47 1.57 0.00	53.11 1.56 0.00	57.91 1.57 0.00	65.48 1.74 0.00	70.35 1.84 0.00	64.86 1.75 0.00	56.02 1.58 0.00	53.94 1.54 0.00	54.15 1.60 0.00	54.50 1.57 0.00	48.31 1.35 0.00
BETHPAGE_CC_5 323564	60.02 1.88 0.00	57.53 1.31 0.00	51.78 1.15 0.00	47.89 1.12 0.00	47.30 1.17 0.00	56.54 1.55 0.00	83.48 2.21 0.00	71.24 2.35 0.00	72.15 2.56 0.00	90.97 3.52 0.00	67.55 2.90 0.00	59.20 3.02 0.00	51.33 3.05 0.00	53.13 3.23 0.00	54.72 3.17 0.00	59.36 3.02 0.00	66.83 3.08 0.00	71.80 3.30 0.00	66.46 3.35 0.00	57.39 2.96 0.00	55.45 3.05 0.00	55.98 3.44 0.00	56.32 3.38 0.00	49.90 2.94 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	56.02 -2.12 0.00	53.98 -2.25 0.00	48.72 -1.91 0.00	45.02 -1.75 0.00	44.36 -1.77 0.00	52.25 -2.74 0.00	75.85 -5.42 0.00	64.07 -4.83 0.00	64.79 -4.80 0.00	81.24 -6.22 0.00	60.28 -4.37 0.00	51.78 -4.40 0.00	44.04 -4.24 0.00	45.22 -4.67 0.00	46.32 -5.23 0.00	51.05 -5.29 0.00	57.80 -5.94 0.00	61.06 -6.92 0.52	56.45 -6.43 0.23	48.16 -5.56 0.72	30.99 -5.42 15.99	26.92 -5.84 19.78	29.87 -5.53 17.54	26.82 -4.56 15.58
BINGHAMTON___COGEN 23790	57.64 -0.50 0.00	55.66 -0.56 0.00	50.16 -0.47 0.00	46.35 -0.42 0.00	45.75 -0.37 0.00	54.52 -0.47 0.00	80.43 -0.84 0.00	68.17 -0.72 0.00	68.85 -0.74 0.00	86.47 -0.99 0.00	64.01 -0.64 0.00	55.51 -0.68 0.00	47.61 -0.67 0.00	49.17 -0.72 0.00	50.81 -0.74 0.00	55.68 -0.66 0.00	62.92 -0.82 0.00	67.95 -1.06 -0.51	62.16 -0.95 0.00	53.81 -0.88 -0.25	51.57 -0.83 0.00	56.43 -0.93 -4.81	53.40 -0.94 -1.41	46.12 -0.85 0.00

BIXINCNT_115KV_LOAD 355685	57.35 -0.78 0.00	55.28 -0.94 0.00	49.83 -0.80 0.00	46.10 -0.67 0.00	45.44 -0.68 0.00	53.60 -1.39 0.00	78.06 -3.21 0.00	65.94 -2.96 0.00	66.50 -3.09 0.00	83.47 -3.98 0.00	61.74 -2.91 0.00	53.03 -3.16 0.00	45.03 -3.25 0.00	46.27 -3.63 0.00	47.37 -4.18 0.00	52.28 -4.06 0.00	59.26 -4.48 0.00	62.67 -5.28 0.55	58.03 -4.91 0.16	49.43 -4.41 0.60	37.30 -5.46 9.64	31.52 -6.17 14.86	34.38 -6.07 12.48	30.89 -5.05 11.02
BLACK RIVER___HYD 24047	59.85 1.72 0.00	57.98 1.76 0.00	51.65 1.03 0.00	47.44 0.67 0.00	46.49 0.37 0.00	56.60 1.62 0.00	83.28 2.02 0.00	69.39 0.49 0.00	69.47 -0.11 0.00	85.89 -1.56 0.00	63.91 -0.74 0.00	54.90 -1.28 0.00	46.13 -2.15 0.00	47.27 -2.63 0.00	49.55 -2.00 0.00	56.30 -0.04 0.00	63.10 -0.64 0.00	68.58 0.08 0.00	63.73 0.62 0.00	54.50 0.06 0.00	52.17 -0.23 0.00	51.75 -0.80 0.00	51.67 -1.26 0.00	45.48 -1.48 0.00
BLACKRVR_115KV_TB2 79977	59.85 1.71 0.00	57.99 1.76 0.00	51.65 1.02 0.00	47.44 0.67 0.00	46.50 0.37 0.00	56.60 1.62 0.00	83.29 2.02 0.00	69.38 0.48 0.00	69.47 -0.11 0.00	85.89 -1.56 0.00	63.91 -0.74 0.00	54.90 -1.28 0.00	46.13 -2.15 0.00	47.27 -2.63 0.00	49.55 -2.00 0.00	56.30 -0.04 0.00	63.10 -0.64 0.00	68.58 0.07 0.00	63.73 0.62 0.00	54.50 0.06 0.00	52.17 -0.23 0.00	51.75 -0.80 0.00	51.67 -1.27 0.00	45.48 -1.48 0.00
BLDWN_LI_69_KV_BK4 356085	60.23 2.10 0.00	57.78 1.56 0.00	51.91 1.29 0.00	48.00 1.23 0.00	47.40 1.27 0.00	56.52 1.54 0.00	83.46 2.19 0.00	71.33 2.43 0.00	72.22 2.63 0.00	90.92 3.47 0.00	67.67 3.03 0.00	59.29 3.10 0.00	51.36 3.08 0.00	53.18 3.29 0.00	54.81 3.26 0.00	59.46 3.11 0.00	66.73 2.99 0.00	71.77 3.27 0.00	66.66 3.55 0.00	57.55 3.11 0.00	55.62 3.22 0.00	56.13 3.59 0.00	56.47 3.53 0.00	50.00 3.04 0.00
BLISS_WT_PWR 323608	53.72 -0.79 3.62	48.10 -0.90 7.22	46.29 -0.79 3.55	40.64 -0.64 5.49	44.81 -0.63 0.68	46.71 -1.35 6.92	70.70 -3.11 7.46	61.36 -2.83 4.71	63.16 -3.01 3.41	77.73 -3.86 5.87	58.35 -2.82 3.48	53.08 -3.10 0.00	45.08 -3.20 0.00	46.32 -3.58 0.00	47.42 -4.13 0.00	52.32 -4.02 0.00	59.32 -4.43 0.00	61.50 -5.21 1.80	57.30 -4.86 0.95	49.41 -4.42 0.61	37.13 -5.63 9.64	31.20 -6.49 14.86	34.04 -6.42 12.48	30.57 -5.37 11.02
BLUESTONE___WT_PWR 323821	57.62 -1.12 -0.60	56.25 -1.18 -1.20	50.39 -0.82 -0.59	47.65 -0.03 -0.91	46.86 0.62 -0.11	57.42 1.28 -1.15	85.00 2.49 -1.24	71.88 2.21 -0.77	72.13 1.99 -0.55	90.68 2.27 -0.95	66.70 1.48 -0.58	57.27 1.08 0.00	48.76 0.49 0.00	50.30 0.40 0.00	51.96 0.40 0.00	56.96 0.63 0.00	64.10 0.36 0.00	68.81 -0.12 -0.42	63.19 -0.06 -0.14	54.23 -0.31 -0.10	51.79 -0.61 0.00	53.70 -0.66 -1.82	52.49 -0.98 -0.53	46.06 -0.90 0.00
BLUE_CIRC_CHEM_DRP 24182	59.86 1.72 0.00	57.95 1.72 0.00	52.20 1.57 0.00	48.21 1.44 0.00	47.49 1.37 0.00	56.64 1.65 0.00	83.70 2.44 0.00	70.99 2.09 0.00	71.65 2.07 0.00	90.08 2.62 0.00	66.55 1.91 0.00	57.93 1.75 0.00	49.90 1.62 0.00	51.62 1.72 0.00	53.29 1.74 0.00	58.14 1.80 0.00	65.78 2.04 0.00	70.69 2.19 0.00	65.16 2.05 0.00	56.29 1.85 0.00	54.19 1.79 0.00	54.39 1.85 0.00	54.74 1.81 0.00	48.56 1.59 0.00
BOC_GAS_DRP 24189	59.27 1.13 0.00	57.35 1.12 0.00	51.64 1.01 0.00	47.71 0.94 0.00	46.98 0.86 0.00	56.04 1.06 0.00	82.88 1.61 0.00	70.31 1.41 0.00	71.02 1.43 0.00	89.39 1.94 0.00	66.08 1.43 0.00	57.54 1.36 0.00	49.58 1.30 0.00	51.28 1.39 0.00	52.92 1.37 0.00	57.66 1.32 0.00	65.20 1.46 0.00	70.05 1.55 0.00	64.56 1.45 0.00	55.76 1.32 0.00	53.72 1.32 0.00	53.92 1.37 0.00	54.27 1.34 0.00	48.14 1.17 0.00
BOONVILLE_115KV_TB1 79983	59.48 1.35 0.00	57.58 1.36 0.00	51.65 1.03 0.00	47.54 0.77 0.00	46.83 0.71 0.00	56.29 1.31 0.00	83.18 1.91 0.00	70.06 1.16 0.00	70.60 1.01 0.00	88.31 0.86 0.00	65.43 0.78 0.00	56.65 0.46 0.00	48.25 -0.03 0.00	49.76 -0.14 0.00	51.71 0.16 0.00	57.19 0.85 0.00	64.50 0.76 0.00	69.65 1.15 0.00	64.28 1.17 0.00	55.32 0.88 0.00	53.04 0.64 0.00	52.95 0.41 0.00	53.16 0.22 0.00	47.05 0.09 0.00
BORALEX_4TH_BRANCH 23824	61.28 3.14 0.00	59.30 3.08 0.00	53.36 2.74 0.00	49.33 2.56 0.00	48.58 2.45 0.00	57.81 2.83 0.00	84.95 3.68 0.00	72.33 3.43 0.00	72.88 3.29 0.00	91.61 4.15 0.00	67.61 2.97 0.00	58.85 2.66 0.00	50.81 2.53 0.00	52.58 2.68 0.00	54.08 2.54 0.00	58.76 2.42 0.00	66.24 2.50 0.00	71.31 2.80 0.00	65.95 2.85 0.00	57.07 2.63 0.00	55.14 2.75 0.00	55.53 2.98 0.00	55.93 3.00 0.00	49.57 2.61 0.00
BOWLINE___1 23526	59.33 1.20 0.00	57.14 0.92 0.00	51.39 0.77 0.00	47.53 0.76 0.00	46.88 0.76 0.00	56.10 1.11 0.00	83.24 1.98 0.00	70.85 1.95 0.00	71.78 2.20 0.00	90.42 2.97 0.00	66.80 2.15 0.00	58.27 2.08 0.00	50.27 2.00 0.00	52.11 2.21 0.00	53.75 2.20 0.00	58.44 2.10 0.00	66.32 2.58 0.00	71.24 2.73 0.00	65.66 2.55 0.00	56.62 2.18 0.00	54.49 2.09 0.00	54.84 2.29 0.00	55.19 2.26 0.00	48.88 1.91 0.00
BOWLINE___2 23595	59.33 1.20 0.00	57.14 0.92 0.00	51.39 0.77 0.00	47.53 0.76 0.00	46.89 0.76 0.00	56.10 1.12 0.00	83.24 1.98 0.00	70.85 1.95 0.00	71.78 2.20 0.00	90.42 2.96 0.00	66.80 2.15 0.00	58.27 2.08 0.00	50.27 2.00 0.00	52.11 2.21 0.00	53.75 2.20 0.00	58.44 2.10 0.00	66.31 2.57 0.00	71.24 2.73 0.00	65.66 2.55 0.00	56.61 2.17 0.00	54.49 2.09 0.00	54.84 2.29 0.00	55.19 2.26 0.00	48.88 1.91 0.00
BRADY___115KV_TB2 356060	60.02 1.88 0.00	58.16 1.94 0.00	52.31 1.69 0.00	48.47 1.70 0.00	47.83 1.71 0.00	56.84 1.85 0.00	83.89 2.62 0.00	70.88 1.98 0.00	71.04 1.46 0.00	88.64 1.19 0.00	65.16 0.51 0.00	56.52 0.34 0.00	48.40 0.12 0.00	49.90 0.00 0.00	51.69 0.13 0.00	56.94 0.60 0.00	65.02 1.27 0.00	70.03 1.53 0.00	64.33 1.22 0.00	55.41 0.97 0.00	53.28 0.89 0.00	53.33 0.79 0.00	53.89 0.96 0.00	48.02 1.05 0.00
BRANSCOMB___SOLAR 323811	60.75 2.62 0.00	58.78 2.56 0.00	52.90 2.28 0.00	48.90 2.13 0.00	48.20 2.08 0.00	57.52 2.54 0.00	85.20 3.93 0.00	72.29 3.39 0.00	72.96 3.37 0.00	91.44 3.99 0.00	67.47 2.83 0.00	58.55 2.36 0.00	50.42 2.14 0.00	52.15 2.25 0.00	53.89 2.34 0.00	58.78 2.44 0.00	66.59 2.85 0.00	71.79 3.28 0.00	66.33 3.22 0.00	57.25 2.82 0.00	55.10 2.70 0.00	55.26 2.71 0.00	55.57 2.63 0.00	49.24 2.27 0.00
BRDGHMPT_69_KV_BK1 55812	59.75 1.62 0.00	56.64 0.42 0.00	51.14 0.51 0.00	47.47 0.69 0.00	46.95 0.82 0.00	56.22 1.24 0.00	82.06 0.79 0.00	70.32 1.42 0.00	70.95 1.37 0.00	90.17 2.72 0.00	66.92 2.28 0.00	58.98 2.79 0.00	51.08 2.80 0.00	52.96 3.06 0.00	54.78 3.23 0.00	59.44 3.10 0.00	66.42 2.68 0.00	70.91 2.41 0.00	65.83 2.72 0.00	57.36 2.92 0.00	56.53 4.13 0.00	57.79 5.24 0.00	57.75 4.82 0.00	50.72 3.75 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	60.69 2.55 0.00	58.06 1.84 0.00	52.30 1.67 0.00	48.37 1.60 0.00	47.80 1.68 0.00	57.14 2.15 0.00	84.01 2.75 0.00	71.56 2.66 0.00	72.08 2.50 0.00	91.05 3.59 0.00	67.94 3.30 0.00	59.70 3.52 0.00	51.90 3.62 0.00	53.71 3.81 0.00	55.31 3.76 0.00	60.00 3.66 0.00	66.99 3.25 0.00	71.78 3.28 0.00	66.69 3.58 0.00	57.78 3.34 0.00	55.92 3.53 0.00	56.52 3.98 0.00	56.86 3.93 0.00	50.54 3.57 0.00
BRISTLHL_115KV_TB1 79998	55.91 -2.23 0.00	54.02 -2.20 0.00	48.62 -2.01 0.00	44.89 -1.87 0.00	44.30 -1.83 0.00	52.87 -2.12 0.00	78.16 -3.11 0.00	66.26 -2.64 0.00	66.92 -2.67 0.00	83.98 -3.47 0.00	62.08 -2.57 0.00	53.82 -2.37 0.00	46.17 -2.11 0.00	47.71 -2.18 0.00	49.33 -2.22 0.00	54.02 -2.32 0.00	61.16 -2.58 0.00	65.78 -2.72 0.00	60.63 -2.48 0.00	52.29 -2.15 0.00	50.33 -2.07 0.00	50.44 -2.11 0.00	50.78 -2.15 0.00	45.02 -1.94 0.00
BROOKHAVEN__DRP 24191	60.08 1.95 0.00	57.08 0.86 0.00	51.52 0.89 0.00	47.79 1.02 0.00	47.22 1.10 0.00	56.52 1.54 0.00	82.59 1.32 0.00	70.69 1.79 0.00	71.38 1.79 0.00	90.64 3.18 0.00	67.28 2.63 0.00	59.21 3.03 0.00	51.35 3.07 0.00	53.23 3.34 0.00	55.00 3.45 0.00	59.63 3.29 0.00	66.65 2.91 0.00	71.18 2.68 0.00	66.01 2.90 0.00	57.26 2.82 0.00	55.87 3.47 0.00	56.76 4.21 0.00	56.91 3.98 0.00	50.47 3.51 0.00
BROOKLYN_NAVY_YARD 23515	59.75 1.62 0.00	57.46 1.24 0.00	51.67 1.04 0.00	47.80 1.03 0.00	47.16 1.03 0.00	56.46 1.47 0.00	83.82 2.56 0.00	71.52 2.62 0.00	72.56 2.98 0.00	91.42 3.96 0.00	67.52 2.87 0.00	58.89 2.70 0.00	50.85 2.57 0.00	52.69 2.79 0.00	54.35 2.80 0.00	59.07 2.73 0.00	67.01 3.27 0.00	71.97 3.47 0.00	66.32 3.21 0.00	57.18 2.74 0.00	55.04 2.64 0.00	55.44 2.89 0.00	55.89 2.95 0.00	49.48 2.51 0.00
BROOKLYN__ARMY_DRP 323595	60.04 1.90 0.00	57.74 1.51 0.00	51.96 1.33 0.00	48.08 1.31 0.00	47.43 1.30 0.00	56.74 1.75 0.00	84.24 2.97 0.00	71.80 2.90 0.00	72.74 3.16 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.04 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.57 0.00	66.43 3.32 0.00	57.36 2.92 0.00	55.18 2.79 0.00	55.58 3.03 0.00	55.98 3.05 0.00	49.59 2.62 0.00
BROOME_2_LFGE 323671	58.69 -0.51 -1.07	57.79 -0.56 -2.13	51.20 -0.47 -1.04	47.97 -0.42 -1.62	45.96 -0.37 -0.20	56.55 -0.47 -2.04	82.63 -0.84 -2.20	69.54 -0.72 -1.36	69.84 -0.72 -0.98	88.16 -0.98 -1.69	65.04 -0.63 -1.02	55.51 -0.68 0.00	47.61 -0.67 0.00	49.17 -0.73 0.00	50.81 -0.74 0.00	55.68 -0.66 0.00	62.92 -0.82 0.00	68.37 -1.05 -0.92	62.41 -0.96 -0.26	53.82 -0.88 -0.26	51.57 -0.82 0.00	56.43 -0.93 -4.81	53.40 -0.94 -1.41	46.12 -0.84 0.00
BROOME__LFGE 323600	58.69 -0.51 -1.07	57.79 -0.56 -2.13	51.20 -0.47 -1.04	47.97 -0.42 -1.62	45.96 -0.37 -0.20	56.55 -0.47 -2.04	82.63 -0.84 -2.20	69.54 -0.72 -1.36	69.84 -0.72 -0.98	88.16 -0.98 -1.69	65.04 -0.63 -1.02	55.51 -0.68 0.00	47.61 -0.67 0.00	49.17 -0.73 0.00	50.81 -0.74 0.00	55.68 -0.66 0.00	62.92 -0.82 0.00	68.37 -1.05 -0.92	62.41 -0.96 -0.26	53.82 -0.88 -0.26	51.57 -0.82 0.00	56.43 -0.93 -4.81	53.40 -0.94 -1.41	46.12 -0.84 0.00
BROWNFLS_115KV_TB_3_5 80003	59.39 1.26 0.00	57.58 1.35 0.00	51.56 0.93 0.00	47.52 0.75 0.00	46.79 0.67 0.00	56.18 1.19 0.00	82.78 1.51 0.00	69.54 0.64 0.00	69.79 0.21 0.00	86.93 -0.52 0.00	64.38 -0.27 0.00	55.67 -0.51 0.00	47.28 -1.00 0.00	48.62 -1.28 0.00	50.57 -0.98 0.00	56.35 0.01 0.00	63.49 -0.25 0.00	68.48 -0.02 0.00	62.95 -0.16 0.00	54.09 -0.34 0.00	51.87 -0.53 0.00	51.85 -0.69 0.00	52.35 -0.58 0.00	46.51 -0.46 0.00
BROWNSV1_27_KV_LOAD 356125	60.51 2.37 0.00	58.17 1.95 0.00	52.31 1.68 0.00	48.38 1.61 0.00	47.73 1.61 0.00	57.15 2.17 0.00	84.89 3.62 0.00	72.44 3.54 0.00	73.45 3.87 0.00	92.57 5.11 0.00	68.40 3.75 0.00	59.65 3.47 0.00	51.50 3.22 0.00	53.36 3.46 0.00	55.04 3.49 0.00	59.84 3.50 0.00	67.86 4.12 0.00	72.90 4.40 0.00	67.17 4.06 0.00	57.92 3.48 0.00	55.72 3.32 0.00	56.10 3.55 0.00	56.54 3.60 0.00	50.05 3.08 0.00
BURROWS__LYONSDAL 23803	59.43 1.30 0.00	57.57 1.35 0.00	51.57 0.94 0.00	47.39 0.62 0.00	46.66 0.54 0.00	56.21 1.23 0.00	82.97 1.71 0.00	69.72 0.82 0.00	70.22 0.64 0.00	87.76 0.30 0.00	65.11 0.46 0.00	56.33 0.15 0.00	47.86 -0.42 0.00	49.28 -0.61 0.00	51.28 -0.27 0.00	56.94 0.60 0.00	64.09 0.35 0.00	69.24 0.73 0.00	63.95 0.84 0.00	55.01 0.57 0.00	52.69 0.29 0.00	52.55 0.01 0.00	52.72 -0.22 0.00	46.65 -0.31 0.00
CAITHNESS_CC_1 323624	59.97 1.84 0.00	57.08 0.85 0.00	51.51 0.88 0.00	47.75 0.98 0.00	47.19 1.06 0.00	56.47 1.48 0.00	82.62 1.35 0.00	70.61 1.71 0.00	71.39 1.80 0.00	90.54 3.08 0.00	67.22 2.57 0.00	59.14 2.96 0.00	51.29 3.01 0.00	53.16 3.26 0.00	54.91 3.36 0.00	59.51 3.17 0.00	66.58 2.84 0.00	71.18 2.67 0.00	65.99 2.88 0.00	57.20 2.76 0.00	55.72 3.32 0.00	56.58 4.03 0.00	56.75 3.82 0.00	50.33 3.36 0.00
CALPINE BETH_PAGE_GT4 24209	60.02 1.89 0.00	57.55 1.32 0.00	51.78 1.16 0.00	47.89 1.12 0.00	47.29 1.17 0.00	56.53 1.54 0.00	83.49 2.22 0.00	71.26 2.36 0.00	72.20 2.61 0.00	91.04 3.58 0.00	67.56 2.91 0.00	59.21 3.02 0.00	51.33 3.05 0.00	53.16 3.27 0.00	54.73 3.18 0.00	59.37 3.03 0.00	66.84 3.10 0.00	71.84 3.34 0.00	66.48 3.37 0.00	57.42 2.98 0.00	55.46 3.06 0.00	55.99 3.45 0.00	56.36 3.43 0.00	49.94 2.98 0.00
CALPINE_BETH_PAGE_GT_4 323586	60.01 1.88 0.00	57.55 1.32 0.00	51.78 1.15 0.00	47.89 1.12 0.00	47.29 1.17 0.00	56.52 1.54 0.00	83.49 2.22 0.00	71.21 2.31 0.00	72.19 2.60 0.00	91.02 3.57 0.00	67.56 2.91 0.00	59.21 3.03 0.00	51.34 3.06 0.00	53.16 3.27 0.00	54.73 3.18 0.00	59.36 3.02 0.00	66.84 3.10 0.00	71.84 3.34 0.00	66.48 3.37 0.00	57.42 2.98 0.00	55.45 3.05 0.00	55.99 3.44 0.00	56.34 3.41 0.00	49.91 2.95 0.00
CALPINE_BP_GT1 23823	60.01 1.88 0.00	57.55 1.32 0.00	51.78 1.15 0.00	47.89 1.12 0.00	47.29 1.17 0.00	56.52 1.54 0.00	83.49 2.22 0.00	71.21 2.31 0.00	72.19 2.60 0.00	91.02 3.57 0.00	67.56 2.91 0.00	59.21 3.03 0.00	51.34 3.06 0.00	53.16 3.27 0.00	54.73 3.18 0.00	59.36 3.02 0.00	66.84 3.10 0.00	71.84 3.34 0.00	66.48 3.37 0.00	57.42 2.98 0.00	55.45 3.05 0.00	55.99 3.44 0.00	56.34 3.41 0.00	49.91 2.95 0.00
CALSPAN__DRP 24200	55.62 -2.52 0.00	53.58 -2.64 0.00	48.38 -2.24 0.00	44.72 -2.05 0.00	44.07 -2.06 0.00	51.86 -3.12 0.00	75.21 -6.06 0.00	62.99 -5.91 0.00	63.73 -5.85 0.00	79.91 -7.55 0.00	59.48 -5.17 0.00	51.12 -5.07 0.00	43.47 -4.81 0.00	44.63 -5.27 0.00	46.01 -5.55 0.00	50.70 -5.64 0.00	57.39 -6.35 0.00	60.64 -7.35 0.51	56.05 -6.82 0.24	47.80 -5.90 0.74	29.86 -5.69 16.85	25.91 -6.10 20.53	28.77 -5.77 18.39	25.77 -4.77 16.43

CALVERTON___SOLAR 323806	60.09 1.95 0.00	57.07 0.85 0.00	51.52 0.90 0.00	47.80 1.03 0.00	47.26 1.14 0.00	56.54 1.56 0.00	82.53 1.26 0.00	70.57 1.67 0.00	71.33 1.74 0.00	90.69 3.23 0.00	67.33 2.68 0.00	59.27 3.09 0.00	51.38 3.10 0.00	53.26 3.37 0.00	55.08 3.53 0.00	59.71 3.37 0.00	66.72 2.97 0.00	71.21 2.70 0.00	66.03 2.92 0.00	57.31 2.88 0.00	56.01 3.61 0.00	56.94 4.40 0.00	57.08 4.14 0.00	50.57 3.60 0.00
CANDIGU_WT_PWR 323617	57.10 -1.86 -0.82	55.87 -1.99 -1.64	49.82 -1.62 -0.80	46.60 -1.42 -1.25	45.01 -1.27 -0.15	54.63 -1.93 -1.57	79.22 -3.74 -1.69	66.48 -3.48 -1.05	66.63 -3.71 -0.76	83.71 -5.04 -1.30	61.94 -3.49 -0.78	52.67 -3.52 0.00	45.08 -3.20 0.00	46.38 -3.51 0.00	48.01 -3.54 0.00	52.58 -3.76 0.00	59.27 -4.47 0.00	62.75 -5.25 0.51	57.10 -4.91 1.11	46.96 -4.47 3.00	-39.65 -4.32 87.73	-43.00 -4.72 90.82	-43.00 -4.89 91.04	-43.00 -4.47 85.49
CARR STREET_E_SYR 24060	56.82 -1.31 0.00	54.90 -1.33 0.00	49.45 -1.18 0.00	45.65 -1.12 0.00	45.07 -1.06 0.00	53.76 -1.22 0.00	79.45 -1.82 0.00	67.36 -1.54 0.00	68.05 -1.54 0.00	85.45 -2.00 0.00	63.19 -1.45 0.00	54.79 -1.40 0.00	47.01 -1.27 0.00	48.58 -1.31 0.00	50.20 -1.35 0.00	54.96 -1.38 0.00	62.17 -1.57 0.00	66.81 -1.70 0.00	61.55 -1.56 0.00	53.07 -1.37 0.00	51.08 -1.32 0.00	51.18 -1.37 0.00	51.56 -1.38 0.00	45.72 -1.24 0.00
CARTHAGE___PAPER 23857	60.10 1.97 0.00	58.24 2.02 0.00	51.96 1.34 0.00	47.71 0.94 0.00	46.82 0.69 0.00	56.84 1.85 0.00	83.65 2.38 0.00	69.80 0.90 0.00	69.93 0.34 0.00	86.50 -0.96 0.00	64.33 -0.32 0.00	55.38 -0.80 0.00	46.64 -1.64 0.00	47.89 -2.01 0.00	50.09 -1.46 0.00	56.69 0.35 0.00	63.52 -0.22 0.00	68.98 0.48 0.00	63.94 0.83 0.00	54.78 0.34 0.00	52.44 0.04 0.00	52.13 -0.42 0.00	52.15 -0.78 0.00	46.03 -0.93 0.00
CASSADAGA_WT_PWR 323784	53.30 -1.41 3.42	47.47 -1.92 6.83	46.27 -1.00 3.36	40.76 -0.82 5.19	44.66 -0.81 0.65	46.92 -1.52 6.54	71.07 -3.15 7.05	60.93 -3.59 4.39	62.77 -3.60 3.21	77.17 -4.75 5.53	58.25 -3.08 3.31	52.67 -3.52 0.00	44.51 -3.77 0.00	45.87 -4.02 0.00	47.38 -4.17 0.00	51.76 -4.59 0.00	58.91 -4.83 0.00	61.34 -5.42 1.74	56.50 -5.67 0.94	47.62 -6.17 0.65	13.53 -6.53 32.33	19.14 -7.03 26.38	26.77 -6.89 19.27	28.35 -6.04 12.57
CE_DUNWOOD___DRP 24194	59.75 1.62 0.00	57.52 1.29 0.00	51.74 1.11 0.00	47.85 1.08 0.00	47.18 1.06 0.00	56.49 1.50 0.00	83.82 2.55 0.00	71.39 2.50 0.00	72.34 2.76 0.00	91.15 3.70 0.00	67.36 2.71 0.00	58.75 2.56 0.00	50.71 2.44 0.00	52.54 2.64 0.00	54.20 2.65 0.00	58.92 2.57 0.00	66.80 3.06 0.00	71.77 3.27 0.00	66.16 3.05 0.00	57.06 2.62 0.00	54.93 2.53 0.00	55.28 2.74 0.00	55.67 2.73 0.00	49.30 2.34 0.00
CE_MILLWOOD___DRP 24193	59.64 1.50 0.00	57.41 1.19 0.00	51.64 1.01 0.00	47.76 0.99 0.00	47.10 0.97 0.00	56.38 1.39 0.00	83.66 2.40 0.00	71.23 2.34 0.00	72.18 2.59 0.00	90.94 3.49 0.00	67.19 2.54 0.00	58.60 2.41 0.00	50.57 2.29 0.00	52.40 2.50 0.00	54.05 2.51 0.00	58.76 2.42 0.00	66.64 2.90 0.00	71.59 3.09 0.00	66.01 2.90 0.00	56.94 2.51 0.00	54.79 2.39 0.00	55.15 2.60 0.00	55.52 2.59 0.00	49.18 2.21 0.00
CE_NYC2_DRP 24202	60.08 1.95 0.00	57.79 1.56 0.00	51.97 1.34 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.78 1.80 0.00	84.31 3.04 0.00	71.92 3.02 0.00	72.92 3.34 0.00	91.90 4.44 0.00	67.81 3.16 0.00	59.16 2.98 0.00	51.10 2.82 0.00	52.93 3.03 0.00	54.58 3.03 0.00	59.33 2.99 0.00	67.28 3.54 0.00	72.25 3.75 0.00	66.58 3.47 0.00	57.44 3.00 0.00	55.29 2.89 0.00	55.65 3.11 0.00	56.06 3.13 0.00	49.66 2.69 0.00
CE_NYC_DRP 24195	59.92 1.79 0.00	57.63 1.41 0.00	51.82 1.20 0.00	47.94 1.17 0.00	47.29 1.17 0.00	56.61 1.63 0.00	84.08 2.82 0.00	71.72 2.82 0.00	72.72 3.14 0.00	91.68 4.22 0.00	67.72 3.07 0.00	59.08 2.89 0.00	51.00 2.72 0.00	52.85 2.95 0.00	54.51 2.96 0.00	59.26 2.92 0.00	67.19 3.45 0.00	72.16 3.66 0.00	66.49 3.38 0.00	57.32 2.89 0.00	55.16 2.76 0.00	55.55 3.01 0.00	56.00 3.07 0.00	49.59 2.62 0.00
CHAFFEE___LFGE 323603	52.53 -2.38 3.22	47.34 -2.46 6.42	45.35 -2.12 3.15	39.95 -1.94 4.88	43.58 -1.94 0.61	45.88 -2.96 6.15	68.90 -5.75 6.62	59.27 -5.52 4.11	61.11 -5.51 2.97	75.19 -7.14 5.12	56.61 -4.95 3.09	51.31 -4.88 0.00	43.64 -4.64 0.00	44.81 -5.09 0.00	46.08 -5.47 0.00	50.82 -5.52 0.00	57.55 -6.19 0.00	59.66 -7.16 1.68	55.55 -6.63 0.93	48.06 -5.70 0.68	33.62 -5.37 13.41	29.00 -5.78 17.76	32.03 -5.45 15.46	28.75 -4.51 13.70
CHATEAUG_35_KV_LOAD 355732	59.13 1.00 0.00	57.33 1.11 0.00	51.57 0.94 0.00	47.69 0.91 0.00	47.10 0.97 0.00	55.83 0.84 0.00	82.37 1.10 0.00	69.67 0.77 0.00	70.26 0.67 0.00	88.04 0.58 0.00	64.98 0.33 0.00	56.48 0.29 0.00	48.37 0.09 0.00	49.83 -0.07 0.00	51.44 -0.11 0.00	56.37 0.02 0.00	63.99 0.24 0.00	69.07 0.57 0.00	63.78 0.67 0.00	54.87 0.43 0.00	52.61 0.21 0.00	52.85 0.30 0.00	53.48 0.55 0.00	47.42 0.45 0.00
CHATEAUG_WT_PWR 323614	58.95 0.82 0.00	57.15 0.92 0.00	51.41 0.79 0.00	47.51 0.74 0.00	46.91 0.78 0.00	55.60 0.61 0.00	82.02 0.75 0.00	69.38 0.49 0.00	70.05 0.47 0.00	87.88 0.43 0.00	64.86 0.21 0.00	56.38 0.20 0.00	48.32 0.04 0.00	49.78 -0.12 0.00	51.41 -0.13 0.00	56.31 -0.03 0.00	63.90 0.16 0.00	68.86 0.35 0.00	63.52 0.41 0.00	54.66 0.22 0.00	52.44 0.04 0.00	52.69 0.15 0.00	53.33 0.40 0.00	47.29 0.33 0.00
CHAT_HIGH_FALL_HYD 323578	59.13 1.00 0.00	57.33 1.11 0.00	51.57 0.94 0.00	47.69 0.91 0.00	47.10 0.97 0.00	55.83 0.84 0.00	82.37 1.10 0.00	69.67 0.77 0.00	70.26 0.67 0.00	88.04 0.58 0.00	64.98 0.33 0.00	56.48 0.29 0.00	48.37 0.09 0.00	49.83 -0.07 0.00	51.44 -0.11 0.00	56.37 0.02 0.00	63.99 0.24 0.00	69.07 0.57 0.00	63.78 0.67 0.00	54.87 0.43 0.00	52.61 0.21 0.00	52.85 0.30 0.00	53.48 0.55 0.00	47.42 0.45 0.00
CHAUTAUQUA___LFGE 323629	52.82 -2.13 3.19	47.37 -2.48 6.37	45.76 -1.73 3.13	40.36 -1.57 4.84	43.96 -1.56 0.60	46.48 -2.40 6.10	70.05 -4.64 6.58	60.14 -4.69 4.07	61.89 -4.78 2.91	76.09 -6.34 5.02	57.32 -4.29 3.04	51.77 -4.42 0.00	43.95 -4.33 0.00	45.20 -4.70 0.00	46.65 -4.90 0.00	51.30 -5.03 0.00	58.16 -5.58 0.00	60.47 -6.35 1.68	56.06 -6.10 0.95	47.81 -5.90 0.72	25.55 -5.97 20.87	24.06 -6.44 22.05	28.31 -6.17 18.45	26.53 -5.27 15.16
CHERRYST_13_KV_LD 356241	60.07 1.94 0.00	57.76 1.54 0.00	51.96 1.34 0.00	48.06 1.29 0.00	47.41 1.28 0.00	56.77 1.79 0.00	84.31 3.04 0.00	71.94 3.04 0.00	72.95 3.36 0.00	91.96 4.51 0.00	67.95 3.31 0.00	59.27 3.09 0.00	51.18 2.90 0.00	53.02 3.13 0.00	54.68 3.13 0.00	59.44 3.10 0.00	67.41 3.66 0.00	72.40 3.89 0.00	66.68 3.58 0.00	57.48 3.04 0.00	55.31 2.91 0.00	55.69 3.14 0.00	56.14 3.20 0.00	49.71 2.75 0.00

CHESTROR_138KV_BK263 355645	59.23 1.09 0.00	57.07 0.85 0.00	51.34 0.71 0.00	47.48 0.71 0.00	46.81 0.69 0.00	56.00 1.02 0.00	83.15 1.88 0.00	70.71 1.81 0.00	71.59 2.01 0.00	90.16 2.71 0.00	66.63 1.98 0.00	58.06 1.88 0.00	50.07 1.80 0.00	51.87 1.97 0.00	53.51 1.96 0.00	58.23 1.89 0.00	66.04 2.29 0.00	70.96 2.46 0.00	65.41 2.30 0.00	56.42 1.98 0.00	54.30 1.90 0.00	54.60 2.05 0.00	54.96 2.02 0.00	48.67 1.71 0.00
CH_MIDHUDSON__DRP 24192	59.79 1.65 0.00	57.62 1.40 0.00	51.84 1.21 0.00	47.92 1.15 0.00	47.24 1.11 0.00	56.54 1.56 0.00	83.93 2.67 0.00	71.45 2.55 0.00	72.35 2.76 0.00	91.12 3.66 0.00	67.29 2.64 0.00	58.61 2.43 0.00	50.55 2.27 0.00	52.34 2.44 0.00	54.00 2.44 0.00	58.71 2.37 0.00	66.58 2.84 0.00	71.58 3.08 0.00	66.02 2.91 0.00	57.01 2.57 0.00	54.88 2.48 0.00	55.16 2.61 0.00	55.50 2.57 0.00	49.17 2.20 0.00
CH_MISC_IPPS 23765	60.06 1.93 0.00	57.92 1.70 0.00	52.07 1.44 0.00	48.14 1.37 0.00	47.46 1.34 0.00	56.83 1.84 0.00	84.38 3.11 0.00	71.80 2.90 0.00	72.71 3.13 0.00	91.57 4.11 0.00	67.62 2.97 0.00	58.85 2.66 0.00	50.67 2.39 0.00	52.44 2.54 0.00	54.12 2.57 0.00	58.85 2.51 0.00	66.76 3.02 0.00	71.78 3.27 0.00	66.20 3.09 0.00	57.22 2.79 0.00	55.16 2.76 0.00	55.43 2.88 0.00	55.77 2.83 0.00	49.37 2.40 0.00
CH_RES_BVR_FALLS 23983	58.19 0.05 0.00	56.32 0.09 0.00	50.71 0.08 0.00	46.86 0.09 0.00	46.22 0.10 0.00	55.03 0.04 0.00	81.30 0.03 0.00	68.88 -0.02 0.00	69.52 -0.06 0.00	87.35 -0.10 0.00	64.54 -0.11 0.00	56.09 -0.10 0.00	48.16 -0.12 0.00	49.73 -0.17 0.00	51.40 -0.15 0.00	56.22 -0.12 0.00	63.66 -0.08 0.00	68.44 -0.06 0.00	63.05 -0.06 0.00	54.36 -0.08 0.00	52.29 -0.11 0.00	52.43 -0.12 0.00	52.85 -0.08 0.00	46.92 -0.05 0.00
CH_RES_NIAGARA 23895	53.74 -4.39 0.00	51.75 -4.48 0.00	46.70 -3.93 0.00	43.13 -3.65 0.00	42.45 -3.67 0.00	49.90 -5.09 0.00	71.73 -9.54 0.00	59.83 -9.07 0.00	60.56 -9.03 0.00	76.03 -11.42 0.00	56.62 -8.02 0.00	48.62 -7.56 0.00	41.35 -6.93 0.00	42.41 -7.49 0.00	43.63 -7.92 0.00	48.14 -8.20 0.00	54.46 -9.28 0.00	57.51 -10.53 0.00	53.17 -9.74 0.00	45.57 -8.24 0.00	30.89 -7.52 13.99	27.38 -7.85 17.32	30.19 -7.39 15.35	27.27 -6.07 13.63
CH_RES_SYRACUSE 23985	57.14 -1.00 0.00	55.18 -1.05 0.00	49.72 -0.91 0.00	45.89 -0.88 0.00	45.31 -0.81 0.00	54.09 -0.89 0.00	79.98 -1.29 0.00	67.77 -1.13 0.00	68.45 -1.13 0.00	85.90 -1.55 0.00	63.50 -1.15 0.00	55.02 -1.17 0.00	47.24 -1.04 0.00	48.83 -1.07 0.00	50.47 -1.08 0.00	55.26 -1.08 0.00	62.54 -1.20 0.00	67.23 -1.27 0.00	61.97 -1.14 0.00	53.41 -1.03 0.00	51.40 -1.00 0.00	51.49 -1.05 0.00	51.86 -1.08 0.00	45.96 -1.01 0.00
CLINTON_WT_PWR 323605	58.95 0.82 0.00	57.15 0.92 0.00	51.41 0.79 0.00	47.51 0.74 0.00	46.91 0.78 0.00	55.60 0.61 0.00	82.02 0.75 0.00	69.38 0.49 0.00	70.05 0.47 0.00	87.88 0.43 0.00	64.86 0.21 0.00	56.38 0.20 0.00	48.32 0.04 0.00	49.78 -0.12 0.00	51.41 -0.13 0.00	56.31 -0.03 0.00	63.90 0.16 0.00	68.86 0.35 0.00	63.52 0.41 0.00	54.66 0.22 0.00	52.44 0.04 0.00	52.69 0.15 0.00	53.33 0.40 0.00	47.29 0.33 0.00
CLINTON__LFGE 323618	60.01 1.87 0.00	58.12 1.90 0.00	52.27 1.65 0.00	48.28 1.51 0.00	47.59 1.47 0.00	56.33 1.34 0.00	83.11 1.84 0.00	70.31 1.41 0.00	70.83 1.24 0.00	88.74 1.29 0.00	65.41 0.76 0.00	56.83 0.64 0.00	48.66 0.39 0.00	50.05 0.15 0.00	51.68 0.13 0.00	56.57 0.23 0.00	64.37 0.63 0.00	69.57 1.06 0.00	64.32 1.21 0.00	55.32 0.88 0.00	53.06 0.66 0.00	53.38 0.84 0.00	54.12 1.19 0.00	48.01 1.04 0.00
COBBLENY_34_KV_TB1 80064	55.78 -2.36 0.00	53.75 -2.47 0.00	48.50 -2.13 0.00	44.82 -1.95 0.00	44.17 -1.95 0.00	52.04 -2.94 0.00	75.53 -5.74 0.00	63.31 -5.58 0.00	64.06 -5.53 0.00	80.29 -7.16 0.00	59.68 -4.96 0.00	51.29 -4.89 0.00	43.65 -4.63 0.00	44.81 -5.09 0.00	46.09 -5.46 0.00	50.82 -5.52 0.00	57.56 -6.18 0.00	60.80 -7.17 0.53	56.27 -6.63 0.20	48.05 -5.72 0.67	33.49 -5.50 13.41	28.89 -5.89 17.76	31.90 -5.57 15.46	28.66 -4.60 13.70
COFFEEN__115KV_TB3 355620	60.02 1.88 0.00	58.14 1.92 0.00	51.81 1.19 0.00	47.59 0.82 0.00	46.64 0.52 0.00	56.79 1.80 0.00	83.61 2.34 0.00	69.67 0.78 0.00	69.72 0.14 0.00	86.08 -1.37 0.00	63.99 -0.65 0.00	54.91 -1.27 0.00	46.13 -2.15 0.00	47.28 -2.61 0.00	49.61 -1.94 0.00	56.42 0.08 0.00	63.29 -0.46 0.00	68.84 0.34 0.00	64.00 0.89 0.00	54.76 0.32 0.00	52.39 -0.01 0.00	51.97 -0.58 0.00	51.88 -1.05 0.00	45.65 -1.31 0.00
COLDSRPG_115KV_BK1 355956	57.86 -0.27 0.00	55.63 -0.60 0.00	50.39 -0.23 0.00	46.64 -0.13 0.00	45.94 -0.18 0.00	54.32 -0.66 0.00	79.24 -2.02 0.00	66.71 -2.19 0.00	67.58 -2.00 0.00	84.59 -2.86 0.00	62.64 -2.01 0.00	53.64 -2.54 0.00	45.38 -2.90 0.00	46.73 -3.16 0.00	48.29 -3.26 0.00	52.68 -3.66 0.00	59.96 -3.78 0.00	63.61 -4.33 0.57	58.70 -4.28 0.13	49.73 -4.19 0.53	50.41 -4.34 -2.35	39.71 -4.77 8.07	40.76 -4.60 7.58	34.54 -3.94 8.48
COLONIE_LFGE__ 323577	60.26 2.12 0.00	58.29 2.07 0.00	52.45 1.82 0.00	48.49 1.72 0.00	47.78 1.65 0.00	56.95 1.96 0.00	84.17 2.90 0.00	71.50 2.60 0.00	72.09 2.50 0.00	90.61 3.15 0.00	66.90 2.25 0.00	58.16 1.98 0.00	50.14 1.86 0.00	51.89 2.00 0.00	53.50 1.95 0.00	58.26 1.92 0.00	65.92 2.18 0.00	70.96 2.45 0.00	65.51 2.40 0.00	56.59 2.16 0.00	54.52 2.12 0.00	54.75 2.20 0.00	55.08 2.15 0.00	48.82 1.86 0.00
COOPERNY_115KV_TB1 80082	58.91 0.77 0.00	56.84 0.62 0.00	51.15 0.52 0.00	47.29 0.52 0.00	46.66 0.53 0.00	55.77 0.78 0.00	82.68 1.41 0.00	70.24 1.34 0.00	71.05 1.46 0.00	89.46 2.01 0.00	66.12 1.48 0.00	57.60 1.42 0.00	49.63 1.35 0.00	51.37 1.48 0.00	53.03 1.48 0.00	57.76 1.42 0.00	65.46 1.72 0.00	70.30 1.80 0.00	64.77 1.66 0.00	55.88 1.45 0.00	53.78 1.38 0.00	54.06 1.52 0.00	54.41 1.48 0.00	48.20 1.24 0.00
COPENHAGEN_WT_PWR 323753	59.47 1.34 0.00	57.64 1.42 0.00	51.26 0.64 0.00	47.06 0.29 0.00	46.08 -0.05 0.00	56.19 1.21 0.00	82.54 1.27 0.00	68.64 -0.26 0.00	68.85 -0.74 0.00	85.33 -2.13 0.00	63.64 -1.01 0.00	54.68 -1.50 0.00	45.85 -2.43 0.00	46.90 -3.00 0.00	49.20 -2.35 0.00	55.90 -0.44 0.00	62.57 -1.17 0.00	67.88 -0.63 0.00	63.15 0.04 0.00	54.02 -0.42 0.00	51.61 -0.79 0.00	51.11 -1.44 0.00	50.96 -1.97 0.00	44.89 -2.08 0.00
CORNELL____ 23752	58.31 0.17 0.00	56.27 0.04 0.00	50.72 0.09 0.00	46.83 0.06 0.00	46.32 0.20 0.00	55.28 0.29 0.00	81.73 0.46 0.00	69.32 0.42 0.00	69.90 0.32 0.00	87.63 0.17 0.00	64.68 0.03 0.00	55.99 -0.20 0.00	47.99 -0.29 0.00	49.61 -0.29 0.00	51.30 -0.25 0.00	56.26 -0.08 0.00	63.79 0.04 0.00	68.28 0.05 0.00	63.30 0.12 -0.07	54.46 0.01 -0.02	57.26 -0.09 -4.95	54.50 -0.24 -2.19	56.89 -0.32 -4.28	51.41 -0.38 -4.82

CORONA_69_KV_TB1 355595	60.24 2.10 0.00	57.84 1.62 0.00	52.04 1.42 0.00	48.16 1.39 0.00	47.54 1.41 0.00	56.83 1.84 0.00	84.09 2.82 0.00	71.70 2.80 0.00	72.55 2.97 0.00	91.49 4.03 0.00	67.81 3.16 0.00	59.37 3.18 0.00	51.38 3.10 0.00	53.20 3.30 0.00	54.83 3.28 0.00	59.50 3.16 0.00	67.12 3.38 0.00	72.14 3.64 0.00	66.64 3.54 0.00	57.55 3.11 0.00	55.57 3.17 0.00	56.04 3.49 0.00	56.37 3.44 0.00	49.94 2.98 0.00
CORTLAND_115KV_TB3 80093	57.98 -0.16 0.00	56.01 -0.21 0.00	50.44 -0.19 0.00	46.58 -0.19 0.00	46.01 -0.12 0.00	54.90 -0.08 0.00	81.17 -0.09 0.00	68.83 -0.06 0.00	69.45 -0.14 0.00	87.13 -0.32 0.00	64.42 -0.22 0.00	55.80 -0.38 0.00	47.84 -0.44 0.00	49.45 -0.44 0.00	51.15 -0.40 0.00	56.07 -0.28 0.00	63.48 -0.26 0.00	68.22 -0.28 0.00	62.88 -0.23 0.00	54.21 -0.23 0.00	52.10 -0.30 0.00	52.16 -0.39 0.00	52.48 -0.45 0.00	46.51 -0.45 0.00
COXSACKIE___GT 23611	62.60 4.46 0.00	60.54 4.31 0.00	54.51 3.89 0.00	50.36 3.59 0.00	49.61 3.49 0.00	59.30 4.31 0.00	87.97 6.70 0.00	74.90 6.00 0.00	75.52 5.94 0.00	94.51 7.06 0.00	69.48 4.84 0.00	60.38 4.19 0.00	51.73 3.45 0.00	53.82 3.92 0.00	55.60 4.05 0.00	61.01 4.67 0.00	69.23 5.49 0.00	74.78 6.28 0.00	68.97 5.86 0.00	59.41 4.97 0.00	57.08 4.68 0.00	57.14 4.60 0.00	57.38 4.44 0.00	50.75 3.79 0.00
CPV_VALLEY___CC1 323721	58.81 0.67 0.00	56.70 0.47 0.00	51.02 0.39 0.00	47.17 0.40 0.00	46.52 0.39 0.00	55.62 0.64 0.00	82.51 1.24 0.00	70.15 1.25 0.00	71.02 1.43 0.00	89.43 1.98 0.00	66.09 1.45 0.00	57.60 1.41 0.00	49.65 1.38 0.00	51.43 1.53 0.00	53.07 1.52 0.00	57.75 1.42 0.00	65.47 1.73 0.00	70.34 1.83 0.00	64.82 1.72 0.00	55.93 1.49 0.00	53.83 1.43 0.00	54.12 1.57 0.00	54.47 1.54 0.00	48.25 1.29 0.00
CPV_VALLEY___CC2 323722	58.81 0.67 0.00	56.70 0.47 0.00	51.02 0.39 0.00	47.17 0.40 0.00	46.52 0.39 0.00	55.62 0.64 0.00	82.51 1.24 0.00	70.15 1.25 0.00	71.02 1.43 0.00	89.43 1.98 0.00	66.09 1.45 0.00	57.60 1.41 0.00	49.65 1.38 0.00	51.43 1.53 0.00	53.07 1.52 0.00	57.75 1.42 0.00	65.47 1.73 0.00	70.34 1.83 0.00	64.82 1.72 0.00	55.93 1.49 0.00	53.83 1.43 0.00	54.12 1.57 0.00	54.47 1.54 0.00	48.25 1.29 0.00
CRESCENT___HYD 24018	60.26 2.12 0.00	58.29 2.07 0.00	52.45 1.82 0.00	48.49 1.72 0.00	47.78 1.65 0.00	56.95 1.96 0.00	84.17 2.90 0.00	71.50 2.60 0.00	72.09 2.50 0.00	90.61 3.15 0.00	66.90 2.25 0.00	58.16 1.98 0.00	50.14 1.86 0.00	51.89 2.00 0.00	53.50 1.95 0.00	58.26 1.92 0.00	65.92 2.18 0.00	70.96 2.45 0.00	65.51 2.40 0.00	56.59 2.16 0.00	54.52 2.12 0.00	54.75 2.20 0.00	55.08 2.15 0.00	48.82 1.86 0.00
CRICKET___VALLEY_CC1 323756	59.21 1.07 0.00	57.09 0.86 0.00	51.38 0.75 0.00	47.50 0.73 0.00	46.82 0.69 0.00	56.05 1.06 0.00	83.24 1.98 0.00	70.80 1.90 0.00	71.77 2.19 0.00	90.41 2.96 0.00	66.70 2.05 0.00	58.05 1.87 0.00	50.09 1.81 0.00	51.88 1.98 0.00	53.57 2.02 0.00	58.18 1.84 0.00	66.02 2.28 0.00	71.06 2.55 0.00	65.56 2.45 0.00	56.61 2.17 0.00	54.46 2.06 0.00	54.70 2.16 0.00	55.05 2.12 0.00	48.77 1.80 0.00
CRICKET___VALLEY_CC2 323757	59.21 1.07 0.00	57.09 0.86 0.00	51.38 0.75 0.00	47.50 0.73 0.00	46.82 0.69 0.00	56.05 1.06 0.00	83.24 1.98 0.00	70.80 1.90 0.00	71.77 2.19 0.00	90.41 2.96 0.00	66.70 2.05 0.00	58.05 1.87 0.00	50.09 1.81 0.00	51.88 1.98 0.00	53.57 2.02 0.00	58.18 1.84 0.00	66.02 2.28 0.00	71.06 2.55 0.00	65.56 2.45 0.00	56.61 2.17 0.00	54.46 2.06 0.00	54.70 2.16 0.00	55.05 2.12 0.00	48.77 1.80 0.00
CRICKET___VALLEY_CC3 323758	59.21 1.07 0.00	57.09 0.86 0.00	51.38 0.75 0.00	47.50 0.73 0.00	46.82 0.69 0.00	56.05 1.06 0.00	83.24 1.98 0.00	70.80 1.90 0.00	71.77 2.19 0.00	90.41 2.96 0.00	66.70 2.05 0.00	58.05 1.87 0.00	50.09 1.81 0.00	51.88 1.98 0.00	53.57 2.02 0.00	58.18 1.84 0.00	66.02 2.28 0.00	71.06 2.55 0.00	65.56 2.45 0.00	56.61 2.17 0.00	54.46 2.06 0.00	54.70 2.16 0.00	55.05 2.12 0.00	48.77 1.80 0.00
CRUCIBLE_METL_DRP 24180	57.15 -0.99 0.00	55.18 -1.05 0.00	49.73 -0.90 0.00	45.89 -0.88 0.00	45.31 -0.81 0.00	54.10 -0.88 0.00	79.98 -1.29 0.00	67.76 -1.14 0.00	68.45 -1.13 0.00	85.90 -1.55 0.00	63.49 -1.15 0.00	55.02 -1.17 0.00	47.24 -1.04 0.00	48.83 -1.06 0.00	50.47 -1.08 0.00	55.26 -1.09 0.00	62.54 -1.20 0.00	67.23 -1.27 0.00	61.97 -1.14 0.00	53.41 -1.03 0.00	51.40 -1.00 0.00	51.49 -1.05 0.00	51.86 -1.08 0.00	45.96 -1.01 0.00
DAHOWA___HYDRO 323763	60.99 2.86 0.00	59.00 2.78 0.00	53.10 2.48 0.00	49.09 2.32 0.00	48.39 2.27 0.00	57.78 2.79 0.00	85.61 4.34 0.00	72.65 3.75 0.00	73.33 3.75 0.00	91.86 4.40 0.00	67.76 3.11 0.00	58.77 2.58 0.00	50.59 2.31 0.00	52.33 2.43 0.00	54.11 2.56 0.00	59.00 2.66 0.00	66.89 3.15 0.00	72.14 3.64 0.00	66.67 3.55 0.00	57.55 3.11 0.00	55.34 2.95 0.00	55.48 2.93 0.00	55.78 2.85 0.00	49.42 2.45 0.00
DANC___LFGE 323619	58.59 0.45 0.00	56.74 0.52 0.00	50.62 0.00 0.00	46.55 -0.22 0.00	45.69 -0.44 0.00	55.40 0.41 0.00	81.58 0.31 0.00	68.22 -0.68 0.00	68.47 -1.12 0.00	85.09 -2.36 0.00	63.25 -1.40 0.00	54.46 -1.72 0.00	45.95 -2.33 0.00	47.14 -2.76 0.00	49.27 -2.28 0.00	55.47 -0.87 0.00	62.30 -1.44 0.00	67.49 -1.01 0.00	62.64 -0.47 0.00	53.71 -0.72 0.00	51.43 -0.97 0.00	51.09 -1.46 0.00	51.07 -1.86 0.00	45.04 -1.92 0.00
DANSKAMMER___1 23586	60.06 1.93 0.00	57.92 1.70 0.00	52.07 1.44 0.00	48.14 1.37 0.00	47.46 1.34 0.00	56.83 1.84 0.00	84.38 3.11 0.00	71.80 2.90 0.00	72.71 3.13 0.00	91.57 4.11 0.00	67.62 2.97 0.00	58.85 2.66 0.00	50.67 2.39 0.00	52.44 2.54 0.00	54.12 2.57 0.00	58.85 2.51 0.00	66.76 3.02 0.00	71.78 3.27 0.00	66.20 3.09 0.00	57.22 2.79 0.00	55.16 2.76 0.00	55.43 2.88 0.00	55.77 2.83 0.00	49.37 2.40 0.00
DANSKAMMER___2 23589	60.06 1.93 0.00	57.92 1.70 0.00	52.07 1.44 0.00	48.14 1.37 0.00	47.46 1.34 0.00	56.83 1.84 0.00	84.38 3.11 0.00	71.80 2.90 0.00	72.71 3.13 0.00	91.57 4.11 0.00	67.62 2.97 0.00	58.85 2.66 0.00	50.67 2.39 0.00	52.44 2.54 0.00	54.12 2.57 0.00	58.85 2.51 0.00	66.76 3.02 0.00	71.78 3.27 0.00	66.20 3.09 0.00	57.22 2.79 0.00	55.16 2.76 0.00	55.43 2.88 0.00	55.77 2.83 0.00	49.37 2.40 0.00
DANSKAMMER___3 23590	60.06 1.93 0.00	57.92 1.70 0.00	52.07 1.44 0.00	48.14 1.37 0.00	47.46 1.34 0.00	56.83 1.84 0.00	84.38 3.11 0.00	71.80 2.90 0.00	72.71 3.13 0.00	91.57 4.11 0.00	67.62 2.97 0.00	58.85 2.66 0.00	50.67 2.39 0.00	52.44 2.54 0.00	54.12 2.57 0.00	58.85 2.51 0.00	66.76 3.02 0.00	71.78 3.27 0.00	66.20 3.09 0.00	57.22 2.79 0.00	55.16 2.76 0.00	55.43 2.88 0.00	55.77 2.83 0.00	49.37 2.40 0.00

DANSKAMMER___4 23591	60.06 1.93 0.00	57.92 1.70 0.00	52.07 1.44 0.00	48.14 1.37 0.00	47.46 1.34 0.00	56.83 1.84 0.00	84.38 3.11 0.00	71.80 2.90 0.00	72.71 3.13 0.00	91.57 4.11 0.00	67.62 2.97 0.00	58.85 2.66 0.00	50.67 2.39 0.00	52.44 2.54 0.00	54.12 2.57 0.00	58.85 2.51 0.00	66.76 3.02 0.00	71.78 3.27 0.00	66.20 3.09 0.00	57.22 2.79 0.00	55.16 2.76 0.00	55.43 2.88 0.00	55.77 2.83 0.00	49.37 2.40 0.00
DANSKAMMER___DIESEL 23592	60.07 1.93 0.00	57.92 1.69 0.00	52.07 1.45 0.00	48.14 1.37 0.00	47.46 1.34 0.00	56.83 1.84 0.00	84.39 3.12 0.00	71.81 2.91 0.00	72.72 3.13 0.00	91.57 4.11 0.00	67.62 2.98 0.00	58.85 2.66 0.00	50.67 2.39 0.00	52.44 2.54 0.00	54.12 2.57 0.00	58.85 2.51 0.00	66.75 3.01 0.00	71.77 3.27 0.00	66.20 3.09 0.00	57.22 2.79 0.00	55.16 2.76 0.00	55.43 2.89 0.00	55.77 2.83 0.00	49.39 2.42 0.00
DARBY___SOLAR 323810	60.73 2.60 0.00	58.74 2.52 0.00	52.86 2.23 0.00	48.87 2.10 0.00	48.18 2.05 0.00	57.50 2.51 0.00	85.17 3.90 0.00	72.28 3.38 0.00	72.93 3.35 0.00	91.41 3.96 0.00	67.44 2.79 0.00	58.52 2.33 0.00	50.39 2.11 0.00	52.12 2.22 0.00	53.86 2.31 0.00	58.75 2.42 0.00	66.58 2.84 0.00	71.78 3.28 0.00	66.32 3.21 0.00	57.25 2.81 0.00	55.09 2.68 0.00	55.23 2.68 0.00	55.54 2.61 0.00	49.23 2.26 0.00
DASHVILLE___HYD 23610	59.66 1.52 0.00	57.53 1.31 0.00	51.77 1.15 0.00	47.86 1.09 0.00	47.14 1.02 0.00	56.42 1.43 0.00	83.76 2.50 0.00	71.24 2.34 0.00	72.11 2.53 0.00	90.83 3.37 0.00	67.10 2.46 0.00	58.46 2.28 0.00	50.39 2.11 0.00	52.17 2.27 0.00	53.81 2.26 0.00	58.48 2.14 0.00	66.27 2.53 0.00	71.23 2.72 0.00	65.66 2.55 0.00	56.70 2.26 0.00	54.59 2.19 0.00	54.85 2.31 0.00	55.17 2.24 0.00	48.87 1.90 0.00
DELAWARE___LFGE 323621	58.81 0.67 0.00	56.88 0.65 0.00	51.23 0.60 0.00	47.37 0.60 0.00	46.69 0.56 0.00	55.76 0.78 0.00	82.52 1.26 0.00	69.97 1.07 0.00	70.63 1.05 0.00	88.87 1.42 0.00	65.77 1.13 0.00	57.19 1.01 0.00	49.12 0.84 0.00	50.78 0.89 0.00	52.49 0.94 0.00	57.36 1.02 0.00	64.81 1.06 0.00	69.71 1.04 -0.17	64.07 0.96 0.00	55.36 0.84 -0.08	53.21 0.81 0.00	54.90 0.81 -1.55	54.14 0.75 -0.45	47.60 0.63 0.00
DERFIELD_115KV_TB7 355931	58.15 0.02 0.00	56.24 0.02 0.00	50.67 0.04 0.00	46.77 0.00 0.00	46.12 0.00 0.00	55.03 0.05 0.00	81.38 0.12 0.00	69.03 0.13 0.00	69.72 0.14 0.00	87.63 0.17 0.00	64.79 0.14 0.00	56.34 0.16 0.00	48.42 0.14 0.00	50.04 0.14 0.00	51.70 0.15 0.00	56.46 0.12 0.00	63.86 0.11 0.00	68.66 0.15 0.00	63.24 0.13 0.00	54.56 0.12 0.00	52.48 0.08 0.00	52.64 0.10 0.00	53.00 0.06 0.00	47.00 0.04 0.00
DOGLEVILLE___HYD 23807	59.80 1.66 0.00	57.82 1.60 0.00	52.14 1.51 0.00	48.18 1.41 0.00	47.51 1.39 0.00	56.83 1.85 0.00	84.12 2.85 0.00	71.70 2.80 0.00	72.21 2.62 0.00	90.35 2.90 0.00	66.55 1.90 0.00	57.92 1.73 0.00	49.95 1.67 0.00	51.55 1.65 0.00	53.33 1.78 0.00	58.22 1.88 0.00	65.71 1.97 0.00	70.99 2.48 0.00	65.65 2.54 0.00	56.74 2.30 0.00	54.82 2.42 0.00	55.13 2.58 0.00	55.38 2.44 0.00	49.00 2.03 0.00
DUNKIRK___115KV_TB_200 55889	55.93 -2.20 0.00	53.69 -2.54 0.00	48.78 -1.85 0.00	45.10 -1.67 0.00	44.46 -1.67 0.00	52.48 -2.51 0.00	76.41 -4.85 0.00	64.01 -4.89 0.00	64.61 -4.98 0.00	80.87 -6.59 0.00	60.17 -4.47 0.00	51.64 -4.55 0.00	43.86 -4.42 0.00	45.10 -4.79 0.00	46.56 -4.99 0.00	51.24 -5.10 0.00	58.06 -5.68 0.00	61.50 -6.47 0.53	56.70 -6.17 0.23	47.83 -5.88 0.72	26.68 -5.95 19.76	24.53 -6.38 21.63	28.43 -6.13 18.37	26.32 -5.23 15.41
DUNKIRK___1 23563	55.93 -2.20 0.00	53.69 -2.54 0.00	48.78 -1.85 0.00	45.10 -1.67 0.00	44.46 -1.67 0.00	52.48 -2.51 0.00	76.41 -4.85 0.00	64.01 -4.89 0.00	64.61 -4.98 0.00	80.87 -6.59 0.00	60.17 -4.47 0.00	51.64 -4.55 0.00	43.86 -4.42 0.00	45.10 -4.79 0.00	46.56 -4.99 0.00	51.24 -5.10 0.00	58.06 -5.68 0.00	61.50 -6.47 0.53	56.70 -6.17 0.23	47.83 -5.88 0.72	26.68 -5.95 19.76	24.53 -6.38 21.63	28.43 -6.13 18.37	26.32 -5.23 15.41
DUNKIRK___2 23564	55.93 -2.20 0.00	53.69 -2.54 0.00	48.78 -1.85 0.00	45.10 -1.67 0.00	44.46 -1.67 0.00	52.48 -2.51 0.00	76.41 -4.85 0.00	64.01 -4.89 0.00	64.61 -4.98 0.00	80.87 -6.59 0.00	60.17 -4.47 0.00	51.64 -4.55 0.00	43.86 -4.42 0.00	45.10 -4.79 0.00	46.56 -4.99 0.00	51.24 -5.10 0.00	58.06 -5.68 0.00	61.50 -6.47 0.53	56.70 -6.17 0.23	47.83 -5.88 0.72	26.68 -5.95 19.76	24.53 -6.38 21.63	28.43 -6.13 18.37	26.32 -5.23 15.41
DUNKIRK___3 23565	55.73 -2.40 0.00	53.59 -2.63 0.00	48.58 -2.05 0.00	44.91 -1.86 0.00	44.26 -1.86 0.00	52.18 -2.80 0.00	75.88 -5.39 0.00	63.59 -5.31 0.00	64.24 -5.35 0.00	80.46 -7.00 0.00	59.85 -4.79 0.00	51.41 -4.78 0.00	43.70 -4.57 0.00	44.94 -4.96 0.00	46.36 -5.19 0.00	51.06 -5.27 0.00	57.84 -5.90 0.00	61.21 -6.77 0.53	56.47 -6.39 0.25	47.82 -5.86 0.76	27.38 -5.80 19.22	24.39 -6.20 21.95	27.78 -5.93 19.21	25.28 -5.03 16.66
DUNKIRK___4 23566	55.73 -2.40 0.00	53.59 -2.63 0.00	48.58 -2.05 0.00	44.91 -1.86 0.00	44.26 -1.86 0.00	52.18 -2.80 0.00	75.88 -5.39 0.00	63.59 -5.31 0.00	64.24 -5.35 0.00	80.46 -7.00 0.00	59.85 -4.79 0.00	51.41 -4.78 0.00	43.70 -4.57 0.00	44.94 -4.96 0.00	46.36 -5.19 0.00	51.06 -5.27 0.00	57.84 -5.90 0.00	61.21 -6.77 0.53	56.47 -6.39 0.25	47.82 -5.86 0.76	27.38 -5.80 19.22	24.39 -6.20 21.95	27.78 -5.93 19.21	25.28 -5.03 16.66
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	59.91 1.78 0.00	57.64 1.42 0.00	51.84 1.21 0.00	47.95 1.17 0.00	47.29 1.17 0.00	56.60 1.62 0.00	84.01 2.74 0.00	71.56 2.66 0.00	72.53 2.95 0.00	91.40 3.95 0.00	67.53 2.89 0.00	58.90 2.72 0.00	50.86 2.58 0.00	52.69 2.79 0.00	54.36 2.81 0.00	59.08 2.73 0.00	66.97 3.23 0.00	71.94 3.44 0.00	66.33 3.22 0.00	57.22 2.78 0.00	55.08 2.69 0.00	55.44 2.90 0.00	55.83 2.89 0.00	49.46 2.49 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	59.63 1.49 0.00	57.47 1.24 0.00	51.69 1.07 0.00	47.79 1.02 0.00	47.13 1.01 0.00	56.39 1.40 0.00	83.72 2.45 0.00	71.23 2.33 0.00	72.11 2.53 0.00	90.81 3.36 0.00	67.09 2.44 0.00	58.44 2.26 0.00	50.37 2.09 0.00	52.16 2.27 0.00	53.83 2.28 0.00	58.55 2.21 0.00	66.41 2.67 0.00	71.38 2.88 0.00	65.82 2.71 0.00	56.82 2.39 0.00	54.71 2.31 0.00	54.99 2.45 0.00	55.34 2.41 0.00	49.00 2.04 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	59.92 1.78 0.00	57.64 1.41 0.00	51.86 1.24 0.00	47.98 1.21 0.00	47.32 1.19 0.00	56.63 1.65 0.00	84.06 2.79 0.00	71.74 2.84 0.00	72.72 3.13 0.00	91.58 4.13 0.00	67.57 2.92 0.00	59.00 2.82 0.00	50.96 2.68 0.00	52.79 2.89 0.00	54.44 2.89 0.00	59.18 2.84 0.00	67.10 3.36 0.00	72.08 3.58 0.00	66.41 3.30 0.00	57.32 2.89 0.00	55.11 2.71 0.00	55.50 2.95 0.00	55.89 2.96 0.00	49.54 2.58 0.00

E179THST_13_KV_LOAD 356214	60.19 2.05 0.00	57.88 1.65 0.00	52.07 1.45 0.00	48.17 1.40 0.00	47.50 1.38 0.00	56.87 1.88 0.00	84.44 3.17 0.00	72.07 3.17 0.00	73.05 3.47 0.00	92.02 4.57 0.00	67.89 3.24 0.00	59.28 3.10 0.00	51.20 2.92 0.00	53.04 3.14 0.00	54.69 3.14 0.00	59.46 3.12 0.00	67.44 3.70 0.00	72.44 3.94 0.00	66.74 3.63 0.00	57.61 3.17 0.00	55.37 2.97 0.00	55.76 3.21 0.00	56.15 3.21 0.00	49.76 2.80 0.00
EAST HAMPTON___GT 23717	59.06 0.92 0.00	56.00 -0.22 0.00	50.58 -0.05 0.00	46.95 0.18 0.00	46.43 0.31 0.00	55.62 0.64 0.00	81.26 -0.01 0.00	69.55 0.65 0.00	70.24 0.65 0.00	89.30 1.85 0.00	66.27 1.63 0.00	58.41 2.22 0.00	50.57 2.29 0.00	52.43 2.53 0.00	54.25 2.70 0.00	58.86 2.52 0.00	65.79 2.05 0.00	70.27 1.76 0.00	65.27 2.17 0.00	57.02 2.58 0.00	56.49 4.09 0.00	57.94 5.40 0.00	57.78 4.85 0.00	50.45 3.48 0.00
EAST RIVER___6 23660	59.84 1.71 0.00	57.54 1.31 0.00	51.75 1.12 0.00	47.87 1.09 0.00	47.22 1.10 0.00	56.55 1.56 0.00	83.99 2.73 0.00	71.66 2.76 0.00	72.71 3.12 0.00	91.67 4.21 0.00	67.73 3.08 0.00	59.09 2.91 0.00	51.03 2.75 0.00	52.86 2.97 0.00	54.52 2.98 0.00	59.26 2.92 0.00	67.21 3.47 0.00	72.19 3.69 0.00	66.49 3.38 0.00	57.30 2.87 0.00	55.14 2.74 0.00	55.53 2.98 0.00	55.95 3.01 0.00	49.53 2.56 0.00
EAST RIVER___7 23524	59.84 1.71 0.00	57.54 1.31 0.00	51.75 1.12 0.00	47.87 1.09 0.00	47.22 1.10 0.00	56.55 1.56 0.00	83.99 2.73 0.00	71.66 2.76 0.00	72.71 3.12 0.00	91.67 4.21 0.00	67.73 3.08 0.00	59.09 2.91 0.00	51.03 2.75 0.00	52.86 2.97 0.00	54.52 2.98 0.00	59.26 2.92 0.00	67.21 3.47 0.00	72.19 3.69 0.00	66.49 3.38 0.00	57.30 2.87 0.00	55.14 2.74 0.00	55.53 2.98 0.00	55.95 3.01 0.00	49.53 2.56 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	59.75 1.62 0.00	57.52 1.29 0.00	51.74 1.11 0.00	47.85 1.08 0.00	47.18 1.06 0.00	56.49 1.50 0.00	83.82 2.55 0.00	71.39 2.50 0.00	72.34 2.76 0.00	91.15 3.70 0.00	67.36 2.71 0.00	58.75 2.56 0.00	50.71 2.44 0.00	52.54 2.64 0.00	54.20 2.65 0.00	58.92 2.57 0.00	66.80 3.06 0.00	71.77 3.27 0.00	66.16 3.05 0.00	57.06 2.62 0.00	54.93 2.53 0.00	55.28 2.74 0.00	55.67 2.73 0.00	49.30 2.34 0.00
EAST_HAMPTON___DIESEL 23722	58.83 0.70 0.00	55.78 -0.44 0.00	50.38 -0.24 0.00	46.76 0.00 0.00	46.27 0.14 0.00	55.43 0.44 0.00	80.96 -0.31 0.00	69.30 0.40 0.00	69.98 0.39 0.00	88.97 1.52 0.00	66.04 1.39 0.00	58.20 2.01 0.00	50.40 2.12 0.00	52.26 2.36 0.00	54.07 2.52 0.00	58.65 2.31 0.00	65.56 1.82 0.00	70.03 1.53 0.00	65.08 1.97 0.00	56.86 2.42 0.00	56.41 4.01 0.00	57.92 5.38 0.00	57.73 4.79 0.00	50.34 3.38 0.00
EAST_POINT___SOLAR 323840	60.55 2.41 0.00	58.57 2.34 0.00	52.76 2.13 0.00	48.69 1.92 0.00	48.10 1.98 0.00	57.50 2.51 0.00	85.32 4.05 0.00	72.27 3.37 0.00	72.51 2.93 0.00	90.13 2.67 0.00	66.24 1.60 0.00	57.43 1.24 0.00	49.17 0.89 0.00	50.70 0.80 0.00	52.96 1.40 0.00	58.05 1.71 0.00	65.97 2.23 0.00	71.65 3.15 0.00	66.23 3.13 0.00	57.01 2.57 0.00	54.86 2.46 0.00	54.92 2.38 0.00	55.12 2.19 0.00	48.77 1.80 0.00
EAST_PULASKI___ESR 323781	57.61 -0.53 0.00	55.73 -0.49 0.00	49.93 -0.69 0.00	45.99 -0.78 0.00	45.27 -0.85 0.00	54.51 -0.48 0.00	80.49 -0.77 0.00	67.73 -1.17 0.00	68.11 -1.48 0.00	84.95 -2.50 0.00	62.93 -1.72 0.00	54.34 -1.85 0.00	46.21 -2.07 0.00	47.57 -2.32 0.00	49.49 -2.06 0.00	55.02 -1.32 0.00	62.09 -1.66 0.00	67.10 -1.40 0.00	62.08 -1.03 0.00	53.38 -1.06 0.00	51.22 -1.18 0.00	51.09 -1.46 0.00	51.24 -1.69 0.00	45.30 -1.67 0.00
EAST_RIVER___1 323558	59.92 1.79 0.00	57.63 1.40 0.00	51.82 1.19 0.00	47.95 1.17 0.00	47.30 1.17 0.00	56.61 1.63 0.00	84.07 2.81 0.00	71.70 2.81 0.00	72.73 3.14 0.00	91.67 4.22 0.00	67.72 3.07 0.00	59.07 2.89 0.00	51.00 2.72 0.00	52.85 2.95 0.00	54.51 2.96 0.00	59.26 2.92 0.00	67.19 3.44 0.00	72.16 3.66 0.00	66.49 3.38 0.00	57.32 2.88 0.00	55.17 2.77 0.00	55.55 3.01 0.00	55.99 3.06 0.00	49.58 2.61 0.00
EAST_RIVER___2 323559	59.84 1.71 0.00	57.54 1.31 0.00	51.75 1.12 0.00	47.87 1.09 0.00	47.22 1.10 0.00	56.55 1.56 0.00	83.99 2.73 0.00	71.66 2.76 0.00	72.71 3.12 0.00	91.67 4.21 0.00	67.73 3.08 0.00	59.09 2.91 0.00	51.03 2.75 0.00	52.86 2.97 0.00	54.52 2.98 0.00	59.26 2.92 0.00	67.21 3.47 0.00	72.19 3.69 0.00	66.49 3.38 0.00	57.30 2.87 0.00	55.14 2.74 0.00	55.53 2.98 0.00	55.95 3.01 0.00	49.53 2.56 0.00
EAST___DELAWARE_HYD 23607	60.29 2.16 0.00	58.14 1.91 0.00	52.35 1.73 0.00	48.45 1.68 0.00	47.81 1.68 0.00	57.24 2.25 0.00	85.02 3.75 0.00	72.20 3.30 0.00	72.99 3.41 0.00	91.86 4.40 0.00	67.89 3.24 0.00	59.09 2.91 0.00	50.88 2.61 0.00	52.49 2.59 0.00	53.99 2.44 0.00	58.74 2.40 0.00	66.70 2.96 0.00	71.72 3.22 0.00	66.13 3.03 0.00	57.08 2.64 0.00	54.91 2.51 0.00	55.13 2.59 0.00	55.43 2.50 0.00	49.06 2.10 0.00
EIGHT_POINT___WT_PWR 323820	57.48 -1.33 -0.67	56.12 -1.44 -1.33	50.13 -1.15 -0.65	46.79 -0.99 -1.01	45.52 -0.73 -0.13	54.95 -1.32 -1.28	79.67 -2.98 -1.38	66.93 -2.82 -0.85	66.98 -3.22 -0.62	83.75 -4.77 -1.06	61.88 -3.40 -0.63	52.61 -3.58 0.00	45.15 -3.13 0.00	46.44 -3.45 0.00	48.18 -3.37 0.00	52.99 -3.36 0.00	59.57 -4.18 0.00	62.98 -4.78 0.75	59.27 -4.56 -0.72	51.31 -4.26 -1.14	98.66 -4.30 -50.56	88.36 -5.17 -40.98	96.02 -5.43 -48.51	90.22 -5.05 -48.30
ELBRIDGE_115KV_TB2 80188	56.88 -1.26 0.00	54.89 -1.33 0.00	49.50 -1.13 0.00	45.68 -1.09 0.00	45.09 -1.04 0.00	53.87 -1.12 0.00	79.58 -1.69 0.00	67.37 -1.53 0.00	68.10 -1.49 0.00	85.49 -1.96 0.00	63.11 -1.54 0.00	54.70 -1.48 0.00	47.00 -1.28 0.00	48.58 -1.32 0.00	50.18 -1.37 0.00	54.91 -1.43 0.00	62.11 -1.63 0.00	66.72 -1.69 0.09	61.58 -1.53 0.00	53.07 -1.32 0.05	51.11 -1.29 0.00	50.31 -1.36 0.87	51.31 -1.37 0.25	45.68 -1.29 0.00
ELEC_TRO_TEK 24086	60.04 1.90 0.00	57.61 1.39 0.00	51.83 1.20 0.00	47.91 1.14 0.00	47.30 1.18 0.00	56.55 1.57 0.00	83.64 2.37 0.00	71.45 2.55 0.00	72.30 2.72 0.00	91.19 3.74 0.00	67.60 2.96 0.00	59.17 2.98 0.00	51.22 2.94 0.00	53.01 3.12 0.00	54.65 3.10 0.00	59.30 2.96 0.00	66.88 3.14 0.00	71.89 3.39 0.00	66.45 3.34 0.00	57.38 2.94 0.00	55.33 2.93 0.00	55.79 3.24 0.00	56.13 3.19 0.00	49.73 2.76 0.00
ELLENBURG_WT_PWR 323604	58.95 0.82 0.00	57.15 0.92 0.00	51.41 0.79 0.00	47.51 0.74 0.00	46.91 0.78 0.00	55.60 0.61 0.00	82.02 0.75 0.00	69.38 0.49 0.00	70.05 0.47 0.00	87.88 0.43 0.00	64.86 0.21 0.00	56.38 0.20 0.00	48.32 0.04 0.00	49.78 -0.12 0.00	51.41 -0.13 0.00	56.31 -0.03 0.00	63.90 0.16 0.00	68.86 0.35 0.00	63.52 0.41 0.00	54.66 0.22 0.00	52.44 0.04 0.00	52.69 0.15 0.00	53.33 0.40 0.00	47.29 0.33 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	55.18 -2.96 0.00	53.14 -3.08 0.00	48.00 -2.63 0.00	44.35 -2.42 0.00	43.70 -2.42 0.00	51.40 -3.58 0.00	74.47 -6.80 0.00	62.33 -6.57 0.00	63.06 -6.53 0.00	79.07 -8.38 0.00	58.83 -5.82 0.00	50.57 -5.61 0.00	43.00 -5.28 0.00	44.15 -5.75 0.00	45.49 -6.07 0.00	50.15 -6.19 0.00	56.78 -6.96 0.00	60.01 -8.00 0.50	55.40 -7.44 0.27	47.25 -6.41 0.78	27.26 -6.12 19.02	23.84 -6.50 22.20	26.70 -6.15 20.09	23.93 -5.09 17.94
EMPIRE_CC_1 323656	59.45 1.32 0.00	57.65 1.43 0.00	51.99 1.36 0.00	47.98 1.21 0.00	47.23 1.11 0.00	56.22 1.23 0.00	83.03 1.76 0.00	70.45 1.55 0.00	71.01 1.43 0.00	89.40 1.95 0.00	65.95 1.30 0.00	57.40 1.21 0.00	49.59 1.32 0.00	51.34 1.45 0.00	52.89 1.33 0.00	57.51 1.17 0.00	65.13 1.39 0.00	70.00 1.49 0.00	64.58 1.48 0.00	55.86 1.42 0.00	53.83 1.43 0.00	54.10 1.56 0.00	54.42 1.48 0.00	48.26 1.30 0.00
EMPIRE_CC_2 323658	59.45 1.32 0.00	57.65 1.43 0.00	51.99 1.36 0.00	47.98 1.21 0.00	47.23 1.11 0.00	56.22 1.23 0.00	83.03 1.76 0.00	70.45 1.55 0.00	71.01 1.43 0.00	89.40 1.95 0.00	65.95 1.30 0.00	57.40 1.21 0.00	49.59 1.32 0.00	51.34 1.45 0.00	52.89 1.33 0.00	57.51 1.17 0.00	65.13 1.39 0.00	70.00 1.49 0.00	64.58 1.48 0.00	55.86 1.42 0.00	53.83 1.43 0.00	54.10 1.56 0.00	54.42 1.48 0.00	48.26 1.30 0.00
ENORWICH_115KV_TB1 80156	59.37 1.23 0.00	57.33 1.11 0.00	51.70 1.07 0.00	47.92 1.15 0.00	47.94 1.82 0.00	57.40 2.42 0.00	85.65 4.38 0.00	73.01 4.11 0.00	73.23 3.64 0.00	91.49 4.04 0.00	67.67 3.02 0.00	58.40 2.21 0.00	49.64 1.36 0.00	51.26 1.37 0.00	53.09 1.54 0.00	58.38 2.04 0.00	65.99 2.25 0.00	70.89 2.30 -0.09	65.40 2.25 -0.03	55.86 1.31 -0.11	55.31 0.67 -2.24	55.86 0.34 -2.97	55.50 0.04 -2.52	48.98 -0.17 -2.19
ERIE_ST__34_KV_TB1-2 80199	56.68 -1.45 0.00	54.72 -1.51 0.00	49.27 -1.36 0.00	45.54 -1.23 0.00	44.82 -1.31 0.00	52.84 -2.15 0.00	76.70 -4.57 0.00	64.53 -4.37 0.00	65.24 -4.35 0.00	81.78 -5.67 0.00	60.48 -4.17 0.00	51.94 -4.25 0.00	44.16 -4.12 0.00	45.33 -4.57 0.00	46.66 -4.89 0.00	51.51 -4.83 0.00	58.37 -5.37 0.00	61.63 -6.35 0.52	57.01 -5.88 0.22	48.71 -5.03 0.69	32.40 -4.85 15.15	28.39 -5.20 18.96	31.38 -4.87 16.68	28.21 -3.98 14.77
ERIE_WT_PWR 323693	52.77 -2.53 2.83	47.94 -2.64 5.65	45.62 -2.23 2.77	40.42 -2.06 4.29	43.57 -2.01 0.54	46.44 -3.13 5.41	69.42 -6.02 5.83	59.51 -5.79 3.60	61.25 -5.74 2.59	75.50 -7.47 4.48	56.80 -5.10 2.75	51.16 -5.03 0.00	43.49 -4.79 0.00	44.67 -5.23 0.00	46.04 -5.51 0.00	50.76 -5.58 0.00	57.45 -6.29 0.00	59.64 -7.30 1.56	55.44 -6.76 0.91	47.83 -5.85 0.75	30.00 -5.55 16.85	26.02 -5.99 20.54	28.86 -5.68 18.40	25.85 -4.69 16.43
ESPRGFLD_115KV_TB1 80157	58.60 0.47 0.00	56.71 0.49 0.00	51.13 0.50 0.00	47.22 0.45 0.00	46.66 0.53 0.00	55.75 0.76 0.00	82.60 1.33 0.00	69.98 1.08 0.00	70.58 1.00 0.00	88.53 1.07 0.00	65.44 0.79 0.00	56.68 0.49 0.00	48.49 0.21 0.00	50.02 0.12 0.00	51.85 0.30 0.00	56.87 0.53 0.00	64.48 0.73 0.00	69.39 0.89 0.00	63.93 0.83 0.00	55.04 0.60 0.00	52.88 0.48 0.00	52.96 0.41 0.00	53.21 0.28 0.00	47.15 0.19 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	58.20 0.07 0.00	56.18 -0.05 0.00	50.63 0.00 0.00	46.76 -0.01 0.00	46.24 0.11 0.00	55.19 0.20 0.00	81.60 0.33 0.00	69.19 0.29 0.00	69.80 0.21 0.00	87.50 0.04 0.00	64.61 -0.04 0.00	55.93 -0.25 0.00	47.94 -0.34 0.00	49.56 -0.34 0.00	51.25 -0.31 0.00	56.19 -0.15 0.00	63.67 -0.07 0.00	68.23 -0.07 0.20	63.18 0.01 -0.06	54.39 -0.08 -0.03	56.33 -0.16 -4.10	54.27 -0.31 -2.04	56.14 -0.40 -3.61	50.51 -0.44 -3.99
ETNA_____115KV_TB2 80207	58.20 0.07 0.00	56.18 -0.05 0.00	50.63 0.00 0.00	46.76 -0.01 0.00	46.24 0.11 0.00	55.19 0.20 0.00	81.60 0.33 0.00	69.19 0.29 0.00	69.80 0.21 0.00	87.50 0.04 0.00	64.61 -0.04 0.00	55.93 -0.25 0.00	47.94 -0.34 0.00	49.56 -0.34 0.00	51.25 -0.31 0.00	56.19 -0.15 0.00	63.67 -0.07 0.00	68.23 -0.07 0.20	63.18 0.01 -0.06	54.39 -0.08 -0.03	56.33 -0.16 -4.10	54.27 -0.31 -2.04	56.14 -0.40 -3.61	50.51 -0.44 -3.99
EUCLID___115KV_TB2 356179	56.50 -1.63 0.00	54.59 -1.63 0.00	49.17 -1.46 0.00	45.41 -1.36 0.00	44.81 -1.31 0.00	53.44 -1.54 0.00	78.97 -2.30 0.00	66.93 -1.97 0.00	67.63 -1.95 0.00	84.92 -2.54 0.00	62.79 -1.85 0.00	54.47 -1.71 0.00	46.75 -1.53 0.00	48.32 -1.58 0.00	49.93 -1.62 0.00	54.65 -1.69 0.00	61.85 -1.89 0.00	66.46 -2.05 0.00	61.24 -1.87 0.00	52.81 -1.63 0.00	50.83 -1.57 0.00	50.95 -1.59 0.00	51.34 -1.60 0.00	45.53 -1.43 0.00
E_CANADA_CAP_HY 24051	59.08 0.95 0.00	57.22 1.00 0.00	51.57 0.95 0.00	47.59 0.82 0.00	47.03 0.91 0.00	56.17 1.18 0.00	83.13 1.86 0.00	70.42 1.52 0.00	71.00 1.42 0.00	88.73 1.28 0.00	65.43 0.79 0.00	56.62 0.44 0.00	48.45 0.17 0.00	49.88 -0.01 0.00	51.84 0.29 0.00	56.91 0.57 0.00	64.61 0.87 0.00	69.78 1.28 0.00	64.37 1.26 0.00	55.38 0.94 0.00	53.24 0.84 0.00	53.38 0.83 0.00	53.62 0.69 0.00	47.52 0.55 0.00
E_CANADA_MHWK_HY 24050	59.79 1.66 0.00	57.82 1.60 0.00	52.14 1.51 0.00	48.18 1.41 0.00	47.51 1.39 0.00	56.83 1.85 0.00	84.12 2.85 0.00	71.70 2.80 0.00	72.21 2.62 0.00	90.35 2.89 0.00	66.55 1.90 0.00	57.91 1.73 0.00	49.95 1.67 0.00	51.55 1.65 0.00	53.33 1.78 0.00	58.22 1.88 0.00	65.71 1.97 0.00	70.99 2.48 0.00	65.65 2.55 0.00	56.74 2.30 0.00	54.82 2.42 0.00	55.13 2.58 0.00	55.38 2.45 0.00	49.00 2.04 0.00
E_FISHKILL___LBMP 23776	59.41 1.27 0.00	57.25 1.03 0.00	51.51 0.88 0.00	47.63 0.86 0.00	46.95 0.83 0.00	56.17 1.18 0.00	83.36 2.10 0.00	70.92 2.02 0.00	71.85 2.27 0.00	90.51 3.05 0.00	66.87 2.22 0.00	58.26 2.08 0.00	50.27 1.99 0.00	52.07 2.17 0.00	53.73 2.18 0.00	58.42 2.08 0.00	66.22 2.48 0.00	71.17 2.67 0.00	65.64 2.53 0.00	56.64 2.20 0.00	54.51 2.11 0.00	54.81 2.27 0.00	55.19 2.26 0.00	48.90 1.93 0.00
FALCON___SEABRD_CC1 323796	59.75 1.61 0.00	57.91 1.68 0.00	52.05 1.43 0.00	47.99 1.22 0.00	47.29 1.16 0.00	55.89 0.91 0.00	82.33 1.06 0.00	69.65 0.75 0.00	70.14 0.56 0.00	87.99 0.53 0.00	64.89 0.24 0.00	56.45 0.27 0.00	48.39 0.12 0.00	49.81 -0.09 0.00	51.42 -0.13 0.00	56.27 -0.07 0.00	63.88 0.14 0.00	69.00 0.49 0.00	63.73 0.62 0.00	54.82 0.38 0.00	52.55 0.15 0.00	53.03 0.48 0.00	53.91 0.97 0.00	47.82 0.85 0.00
FALCON___SEABRD_CC2 323797	59.75 1.61 0.00	57.91 1.68 0.00	52.05 1.43 0.00	47.99 1.22 0.00	47.29 1.16 0.00	55.89 0.91 0.00	82.33 1.06 0.00	69.65 0.75 0.00	70.14 0.56 0.00	87.99 0.53 0.00	64.89 0.24 0.00	56.45 0.27 0.00	48.39 0.12 0.00	49.81 -0.09 0.00	51.42 -0.13 0.00	56.27 -0.07 0.00	63.88 0.14 0.00	69.00 0.49 0.00	63.73 0.62 0.00	54.82 0.38 0.00	52.55 0.15 0.00	53.03 0.48 0.00	53.91 0.97 0.00	47.82 0.85 0.00

FAR ROCKAWAY___4 23548	60.88 2.75 0.00	58.45 2.22 0.00	52.53 1.91 0.00	48.50 1.74 0.00	47.90 1.78 0.00	57.27 2.29 0.00	84.77 3.51 0.00	72.52 3.63 0.00	73.38 3.79 0.00	92.46 5.01 0.00	68.53 3.89 0.00	60.03 3.85 0.00	51.95 3.67 0.00	53.80 3.90 0.00	55.45 3.90 0.00	60.19 3.86 0.00	67.89 4.14 0.00	72.98 4.48 0.00	67.41 4.29 0.00	58.20 3.76 0.00	56.09 3.69 0.00	56.51 3.97 0.00	56.85 3.91 0.00	50.34 3.37 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	59.99 1.85 0.00	57.70 1.48 0.00	51.89 1.26 0.00	48.00 1.23 0.00	47.36 1.23 0.00	56.69 1.70 0.00	84.18 2.91 0.00	71.80 2.90 0.00	72.81 3.22 0.00	91.77 4.31 0.00	67.78 3.13 0.00	59.13 2.95 0.00	51.05 2.77 0.00	52.89 3.00 0.00	54.56 3.01 0.00	59.31 2.97 0.00	67.25 3.51 0.00	72.23 3.73 0.00	66.55 3.45 0.00	57.38 2.94 0.00	55.23 2.83 0.00	55.61 3.07 0.00	56.06 3.13 0.00	49.65 2.68 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	60.02 1.89 0.00	57.72 1.50 0.00	51.91 1.28 0.00	48.03 1.26 0.00	47.36 1.24 0.00	56.72 1.73 0.00	84.21 2.94 0.00	71.82 2.92 0.00	72.82 3.24 0.00	91.78 4.33 0.00	67.81 3.16 0.00	59.15 2.96 0.00	51.08 2.80 0.00	52.91 3.02 0.00	54.57 3.02 0.00	59.32 2.98 0.00	67.28 3.53 0.00	72.26 3.76 0.00	66.59 3.48 0.00	57.40 2.97 0.00	55.24 2.84 0.00	55.63 3.09 0.00	56.09 3.15 0.00	49.66 2.70 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	59.96 1.83 0.00	57.66 1.44 0.00	51.86 1.23 0.00	47.98 1.21 0.00	47.31 1.19 0.00	56.66 1.68 0.00	84.13 2.86 0.00	71.75 2.85 0.00	72.75 3.17 0.00	91.70 4.24 0.00	67.74 3.10 0.00	59.09 2.91 0.00	51.03 2.75 0.00	52.87 2.97 0.00	54.52 2.97 0.00	59.27 2.93 0.00	67.21 3.47 0.00	72.19 3.69 0.00	66.51 3.40 0.00	57.34 2.90 0.00	55.19 2.79 0.00	55.57 3.02 0.00	56.02 3.08 0.00	49.61 2.65 0.00
FARRAGUT___LBMP 323566	59.92 1.78 0.00	57.63 1.40 0.00	51.82 1.20 0.00	47.94 1.17 0.00	47.29 1.17 0.00	56.61 1.63 0.00	84.06 2.79 0.00	71.69 2.79 0.00	72.69 3.10 0.00	91.61 4.16 0.00	67.68 3.04 0.00	59.04 2.86 0.00	50.98 2.70 0.00	52.82 2.92 0.00	54.47 2.92 0.00	59.21 2.87 0.00	67.15 3.41 0.00	72.12 3.62 0.00	66.46 3.35 0.00	57.29 2.85 0.00	55.14 2.74 0.00	55.53 2.99 0.00	55.98 3.05 0.00	49.58 2.61 0.00
FENNER___WINDPWR 24204	58.55 0.42 0.00	56.66 0.44 0.00	50.98 0.35 0.00	47.01 0.24 0.00	46.46 0.34 0.00	55.53 0.54 0.00	82.23 0.96 0.00	69.65 0.76 0.00	70.28 0.70 0.00	88.15 0.70 0.00	65.20 0.55 0.00	56.50 0.31 0.00	48.30 0.02 0.00	49.93 0.03 0.00	51.75 0.20 0.00	56.77 0.43 0.00	64.34 0.60 0.00	69.30 0.79 0.00	63.86 0.74 0.00	55.03 0.59 0.00	52.76 0.36 0.00	52.76 0.21 0.00	53.04 0.11 0.00	46.95 -0.01 0.00
FIBERTEK___ENERGY 23856	57.15 -0.99 0.00	55.18 -1.05 0.00	49.73 -0.90 0.00	45.89 -0.88 0.00	45.31 -0.81 0.00	54.10 -0.88 0.00	79.98 -1.29 0.00	67.76 -1.14 0.00	68.45 -1.13 0.00	85.90 -1.55 0.00	63.49 -1.15 0.00	55.02 -1.17 0.00	47.24 -1.04 0.00	48.83 -1.06 0.00	50.47 -1.08 0.00	55.26 -1.09 0.00	62.54 -1.20 0.00	67.23 -1.27 0.00	61.97 -1.14 0.00	53.41 -1.03 0.00	51.40 -1.00 0.00	51.49 -1.05 0.00	51.86 -1.08 0.00	45.96 -1.01 0.00
FITZPATRICK___ 23598	55.80 -2.34 0.00	53.94 -2.29 0.00	48.58 -2.04 0.00	44.85 -1.92 0.00	44.27 -1.86 0.00	52.78 -2.20 0.00	78.00 -3.27 0.00	66.09 -2.81 0.00	66.78 -2.80 0.00	83.85 -3.60 0.00	61.98 -2.67 0.00	53.79 -2.40 0.00	46.19 -2.09 0.00	47.72 -2.17 0.00	49.29 -2.26 0.00	53.94 -2.40 0.00	61.04 -2.70 0.00	65.59 -2.91 0.00	60.44 -2.67 0.00	52.15 -2.29 0.00	50.20 -2.20 0.00	50.35 -2.20 0.00	50.74 -2.20 0.00	45.01 -1.95 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	60.21 2.07 0.00	58.02 1.79 0.00	52.18 1.55 0.00	48.23 1.46 0.00	47.56 1.44 0.00	56.94 1.95 0.00	84.59 3.32 0.00	71.98 3.08 0.00	72.90 3.31 0.00	91.79 4.34 0.00	67.79 3.15 0.00	59.01 2.82 0.00	50.83 2.55 0.00	52.62 2.73 0.00	54.30 2.74 0.00	59.06 2.72 0.00	66.98 3.24 0.00	72.01 3.51 0.00	66.40 3.29 0.00	57.40 2.97 0.00	55.30 2.90 0.00	55.56 3.01 0.00	55.90 2.97 0.00	49.49 2.52 0.00
FORT ORANGE___ 23900	60.31 2.18 0.00	58.37 2.15 0.00	52.56 1.93 0.00	48.55 1.79 0.00	47.83 1.71 0.00	57.05 2.06 0.00	84.34 3.07 0.00	71.64 2.74 0.00	72.28 2.69 0.00	90.88 3.43 0.00	67.07 2.43 0.00	58.40 2.22 0.00	50.32 2.04 0.00	52.09 2.19 0.00	53.70 2.15 0.00	58.57 2.22 0.00	66.39 2.64 0.00	71.41 2.91 0.00	65.85 2.74 0.00	56.89 2.45 0.00	54.72 2.32 0.00	54.92 2.37 0.00	55.23 2.30 0.00	48.95 1.99 0.00
FORT_DRUM_COGEN 23780	59.85 1.71 0.00	57.99 1.76 0.00	51.67 1.04 0.00	47.45 0.68 0.00	46.50 0.38 0.00	56.60 1.62 0.00	83.29 2.02 0.00	69.40 0.50 0.00	69.51 -0.08 0.00	85.98 -1.47 0.00	63.97 -0.68 0.00	54.97 -1.21 0.00	46.20 -2.08 0.00	47.35 -2.55 0.00	49.63 -1.92 0.00	56.32 -0.02 0.00	63.14 -0.60 0.00	68.59 0.09 0.00	63.72 0.61 0.00	54.49 0.05 0.00	52.18 -0.22 0.00	51.77 -0.78 0.00	51.71 -1.22 0.00	45.53 -1.43 0.00
FOX_HILLS___ESR 323835	59.90 1.77 0.00	57.62 1.40 0.00	51.85 1.23 0.00	48.00 1.23 0.00	47.35 1.22 0.00	56.65 1.67 0.00	84.10 2.83 0.00	71.60 2.70 0.00	72.50 2.92 0.00	91.34 3.89 0.00	67.42 2.77 0.00	58.87 2.68 0.00	50.82 2.55 0.00	52.66 2.77 0.00	54.32 2.77 0.00	59.03 2.69 0.00	66.94 3.20 0.00	71.87 3.36 0.00	66.26 3.15 0.00	57.23 2.79 0.00	55.06 2.66 0.00	55.45 2.91 0.00	55.85 2.92 0.00	49.46 2.50 0.00
FPL_FAR_ROCK_GT1 24212	60.87 2.73 0.00	58.43 2.21 0.00	52.53 1.90 0.00	48.51 1.74 0.00	47.90 1.78 0.00	57.27 2.29 0.00	84.77 3.51 0.00	72.48 3.58 0.00	73.35 3.77 0.00	92.45 5.00 0.00	68.53 3.88 0.00	60.03 3.85 0.00	51.95 3.67 0.00	53.80 3.91 0.00	55.45 3.90 0.00	60.19 3.85 0.00	67.89 4.14 0.00	72.99 4.48 0.00	67.40 4.30 0.00	58.20 3.76 0.00	56.10 3.70 0.00	56.52 3.98 0.00	56.83 3.89 0.00	50.33 3.37 0.00
FPL_FAR_ROCK_GT2 23815	60.87 2.73 0.00	58.43 2.21 0.00	52.53 1.90 0.00	48.51 1.74 0.00	47.90 1.78 0.00	57.27 2.29 0.00	84.77 3.51 0.00	72.48 3.58 0.00	73.35 3.77 0.00	92.45 5.00 0.00	68.53 3.88 0.00	60.03 3.85 0.00	51.95 3.67 0.00	53.80 3.91 0.00	55.45 3.90 0.00	60.19 3.85 0.00	67.89 4.14 0.00	72.99 4.48 0.00	67.40 4.30 0.00	58.20 3.76 0.00	56.10 3.70 0.00	56.52 3.98 0.00	56.83 3.89 0.00	50.33 3.37 0.00
FRANKLIN_FALL_HYD 24054	60.16 2.03 0.00	58.30 2.08 0.00	52.41 1.79 0.00	48.54 1.77 0.00	47.87 1.75 0.00	56.85 1.87 0.00	83.90 2.64 0.00	71.02 2.13 0.00	71.37 1.79 0.00	89.21 1.76 0.00	65.84 1.19 0.00	57.10 0.92 0.00	48.84 0.56 0.00	50.25 0.35 0.00	51.89 0.34 0.00	57.03 0.69 0.00	65.06 1.32 0.00	70.13 1.62 0.00	64.61 1.50 0.00	55.61 1.17 0.00	53.37 0.98 0.00	53.55 1.00 0.00	54.12 1.19 0.00	48.08 1.12 0.00

FREEPORT_EQUS_GT1 23764	60.26 2.12 0.00	57.78 1.56 0.00	51.94 1.32 0.00	48.04 1.27 0.00	47.44 1.32 0.00	56.56 1.58 0.00	83.53 2.27 0.00	71.35 2.45 0.00	72.31 2.73 0.00	90.99 3.53 0.00	67.75 3.10 0.00	59.34 3.16 0.00	51.41 3.13 0.00	53.23 3.34 0.00	54.86 3.31 0.00	59.48 3.14 0.00	66.79 3.05 0.00	71.84 3.34 0.00	66.72 3.61 0.00	57.57 3.13 0.00	55.64 3.24 0.00	56.14 3.59 0.00	56.48 3.55 0.00	50.01 3.04 0.00
FREEPORT___CT2 23818	60.26 2.12 0.00	57.78 1.56 0.00	51.94 1.32 0.00	48.04 1.27 0.00	47.44 1.32 0.00	56.56 1.58 0.00	83.53 2.27 0.00	71.35 2.45 0.00	72.31 2.73 0.00	90.99 3.53 0.00	67.75 3.10 0.00	59.34 3.16 0.00	51.41 3.13 0.00	53.23 3.34 0.00	54.86 3.31 0.00	59.48 3.14 0.00	66.79 3.05 0.00	71.84 3.34 0.00	66.72 3.61 0.00	57.57 3.13 0.00	55.64 3.24 0.00	56.14 3.59 0.00	56.48 3.55 0.00	50.01 3.04 0.00
FRESHKLS_33_KV_LOAD 356253	59.94 1.80 0.00	57.68 1.45 0.00	51.91 1.28 0.00	48.04 1.27 0.00	47.40 1.28 0.00	56.72 1.73 0.00	84.19 2.92 0.00	71.66 2.76 0.00	72.48 2.90 0.00	91.26 3.81 0.00	67.37 2.72 0.00	58.82 2.63 0.00	50.80 2.52 0.00	52.62 2.73 0.00	54.30 2.75 0.00	59.01 2.67 0.00	66.93 3.19 0.00	71.85 3.35 0.00	66.27 3.17 0.00	57.26 2.82 0.00	55.08 2.68 0.00	55.47 2.93 0.00	55.87 2.94 0.00	49.49 2.53 0.00
FULTON COGEN___ 23766	55.91 -2.23 0.00	54.02 -2.20 0.00	48.62 -2.01 0.00	44.89 -1.87 0.00	44.30 -1.83 0.00	52.87 -2.12 0.00	78.16 -3.11 0.00	66.26 -2.64 0.00	66.92 -2.67 0.00	83.98 -3.47 0.00	62.08 -2.57 0.00	53.82 -2.37 0.00	46.17 -2.11 0.00	47.71 -2.18 0.00	49.33 -2.22 0.00	54.02 -2.32 0.00	61.16 -2.58 0.00	65.78 -2.72 0.00	60.63 -2.48 0.00	52.29 -2.15 0.00	50.33 -2.07 0.00	50.44 -2.11 0.00	50.78 -2.15 0.00	45.02 -1.94 0.00
FULTON___LFGE 323630	60.15 2.01 0.00	58.20 1.97 0.00	52.43 1.80 0.00	48.37 1.60 0.00	47.76 1.64 0.00	57.07 2.08 0.00	84.59 3.32 0.00	71.73 2.83 0.00	72.12 2.54 0.00	89.93 2.48 0.00	66.21 1.57 0.00	57.30 1.11 0.00	49.19 0.91 0.00	50.51 0.62 0.00	52.78 1.23 0.00	58.01 1.67 0.00	65.72 1.97 0.00	71.14 2.63 0.00	65.70 2.59 0.00	56.57 2.13 0.00	54.49 2.09 0.00	54.58 2.04 0.00	54.83 1.90 0.00	48.54 1.58 0.00
G.F.CEMENT___DRP 24184	61.06 2.93 0.00	59.06 2.84 0.00	53.17 2.54 0.00	49.14 2.37 0.00	48.48 2.36 0.00	57.92 2.94 0.00	85.92 4.65 0.00	72.90 4.00 0.00	73.63 4.05 0.00	92.03 4.58 0.00	67.87 3.23 0.00	58.84 2.66 0.00	50.63 2.35 0.00	52.35 2.45 0.00	54.23 2.68 0.00	59.13 2.79 0.00	67.16 3.42 0.00	72.49 3.99 0.00	67.04 3.93 0.00	57.82 3.38 0.00	55.54 3.14 0.00	55.61 3.06 0.00	55.91 2.98 0.00	49.52 2.56 0.00
GARDENVILLE___LBMP 24039	55.41 -2.72 0.00	53.38 -2.84 0.00	48.22 -2.40 0.00	44.57 -2.20 0.00	43.92 -2.21 0.00	51.66 -3.32 0.00	74.90 -6.37 0.00	62.71 -6.19 0.00	63.42 -6.16 0.00	79.52 -7.94 0.00	59.18 -5.47 0.00	50.84 -5.34 0.00	43.25 -5.02 0.00	44.41 -5.49 0.00	45.77 -5.78 0.00	50.47 -5.87 0.00	57.12 -6.62 0.00	60.36 -7.63 0.51	55.73 -7.08 0.29	47.44 -6.16 0.84	25.67 -5.91 20.81	22.23 -6.31 24.00	25.05 -5.99 21.89	22.37 -4.97 19.62
GARDNVLA_35_KV_LD 355827	55.80 -2.34 0.00	53.72 -2.50 0.00	48.51 -2.11 0.00	44.83 -1.93 0.00	44.19 -1.94 0.00	52.03 -2.96 0.00	75.47 -5.79 0.00	63.26 -5.64 0.00	64.03 -5.56 0.00	80.31 -7.14 0.00	59.78 -4.87 0.00	51.35 -4.83 0.00	43.65 -4.63 0.00	44.82 -5.08 0.00	46.25 -5.30 0.00	50.98 -5.36 0.00	57.70 -6.04 0.00	60.95 -7.04 0.51	56.35 -6.52 0.24	48.06 -5.65 0.72	30.68 -5.47 16.25	26.69 -5.90 19.96	29.57 -5.59 17.78	26.51 -4.61 15.84
GELCKHM___115KV_LOAD 80723	56.73 -1.40 0.00	54.81 -1.42 0.00	49.37 -1.26 0.00	45.58 -1.19 0.00	44.99 -1.14 0.00	53.67 -1.31 0.00	79.33 -1.94 0.00	67.23 -1.66 0.00	67.92 -1.66 0.00	85.28 -2.17 0.00	63.05 -1.60 0.00	54.66 -1.53 0.00	46.93 -1.35 0.00	48.51 -1.39 0.00	50.13 -1.42 0.00	54.87 -1.47 0.00	62.09 -1.65 0.00	66.74 -1.77 0.00	61.51 -1.60 0.00	53.03 -1.41 0.00	51.05 -1.35 0.00	51.16 -1.39 0.00	51.53 -1.40 0.00	45.68 -1.28 0.00
GENERAL___MILLS 23808	55.62 -2.52 0.00	53.58 -2.64 0.00	48.38 -2.24 0.00	44.72 -2.05 0.00	44.07 -2.06 0.00	51.86 -3.12 0.00	75.21 -6.06 0.00	62.99 -5.91 0.00	63.73 -5.85 0.00	79.91 -7.55 0.00	59.48 -5.17 0.00	51.12 -5.07 0.00	43.47 -4.81 0.00	44.63 -5.27 0.00	46.01 -5.55 0.00	50.70 -5.64 0.00	57.39 -6.35 0.00	60.64 -7.35 0.51	56.05 -6.82 0.24	47.80 -5.90 0.74	29.86 -5.69 16.85	25.91 -6.10 20.53	28.77 -5.77 18.39	25.77 -4.77 16.43
GE_PLASTICS___DRP 24183	59.62 1.49 0.00	57.70 1.48 0.00	51.96 1.34 0.00	48.01 1.24 0.00	47.28 1.16 0.00	56.39 1.41 0.00	83.38 2.11 0.00	70.76 1.86 0.00	71.44 1.86 0.00	89.91 2.46 0.00	66.44 1.80 0.00	57.85 1.66 0.00	49.84 1.56 0.00	51.57 1.68 0.00	53.20 1.65 0.00	57.99 1.64 0.00	65.62 1.88 0.00	70.52 2.02 0.00	65.00 1.89 0.00	56.14 1.70 0.00	54.04 1.64 0.00	54.26 1.71 0.00	54.60 1.66 0.00	48.42 1.45 0.00
GILBOA___1 23756	58.99 0.86 0.00	57.19 0.97 0.00	51.49 0.86 0.00	47.56 0.79 0.00	46.74 0.61 0.00	55.79 0.81 0.00	82.48 1.22 0.00	69.89 0.99 0.00	70.63 1.04 0.00	89.08 1.63 0.00	66.07 1.43 0.00	57.67 1.48 0.00	49.65 1.37 0.00	51.37 1.47 0.00	53.02 1.47 0.00	57.77 1.43 0.00	64.98 1.24 0.00	69.66 1.16 0.00	64.13 1.02 0.00	55.44 1.00 0.00	53.49 1.09 0.00	53.68 1.14 0.00	54.00 1.07 0.00	47.94 0.98 0.00
GILBOA___2 23757	58.99 0.86 0.00	57.19 0.97 0.00	51.49 0.86 0.00	47.56 0.79 0.00	46.74 0.61 0.00	55.79 0.81 0.00	82.48 1.22 0.00	69.89 0.99 0.00	70.63 1.04 0.00	89.08 1.63 0.00	66.07 1.43 0.00	57.67 1.48 0.00	49.65 1.37 0.00	51.37 1.47 0.00	53.02 1.47 0.00	57.77 1.43 0.00	64.98 1.24 0.00	69.66 1.16 0.00	64.13 1.02 0.00	55.44 1.00 0.00	53.49 1.09 0.00	53.68 1.14 0.00	54.00 1.07 0.00	47.94 0.98 0.00
GILBOA___3 23758	58.99 0.86 0.00	57.19 0.97 0.00	51.49 0.86 0.00	47.56 0.79 0.00	46.74 0.61 0.00	55.79 0.81 0.00	82.48 1.22 0.00	69.89 0.99 0.00	70.63 1.04 0.00	89.08 1.63 0.00	66.07 1.43 0.00	57.67 1.48 0.00	49.65 1.37 0.00	51.37 1.47 0.00	53.02 1.47 0.00	57.77 1.43 0.00	64.98 1.24 0.00	69.66 1.16 0.00	64.13 1.02 0.00	55.44 1.00 0.00	53.49 1.09 0.00	53.68 1.14 0.00	54.00 1.07 0.00	47.94 0.98 0.00
GILBOA___4 23759	58.99 0.86 0.00	57.19 0.97 0.00	51.49 0.86 0.00	47.56 0.79 0.00	46.74 0.61 0.00	55.79 0.81 0.00	82.48 1.22 0.00	69.89 0.99 0.00	70.63 1.04 0.00	89.08 1.63 0.00	66.07 1.43 0.00	57.67 1.48 0.00	49.65 1.37 0.00	51.37 1.47 0.00	53.02 1.47 0.00	57.77 1.43 0.00	64.98 1.24 0.00	69.66 1.16 0.00	64.13 1.02 0.00	55.44 1.00 0.00	53.49 1.09 0.00	53.68 1.14 0.00	54.00 1.07 0.00	47.94 0.98 0.00

GILBOA____ 23599	59.00 0.86 0.00	57.19 0.97 0.00	51.49 0.86 0.00	47.56 0.79 0.00	46.74 0.61 0.00	55.79 0.81 0.00	82.49 1.23 0.00	69.90 1.01 0.00	70.63 1.04 0.00	89.08 1.63 0.00	66.07 1.42 0.00	57.67 1.48 0.00	49.65 1.37 0.00	51.37 1.47 0.00	53.02 1.47 0.00	57.77 1.43 0.00	64.98 1.24 0.00	69.66 1.16 0.00	64.13 1.02 0.00	55.44 1.01 0.00	53.48 1.08 0.00	53.68 1.14 0.00	54.00 1.07 0.00	47.94 0.97 0.00
GINNA____ 23603	53.12 -4.18 0.84	50.37 -4.18 1.68	46.07 -3.74 0.82	42.03 -3.47 1.27	42.60 -3.36 0.16	49.28 -4.10 1.61	73.17 -6.37 1.73	62.26 -5.57 1.07	63.20 -5.61 0.77	78.98 -7.14 1.33	58.60 -5.24 0.81	51.33 -4.86 0.00	43.90 -4.38 0.00	45.28 -4.62 0.00	46.70 -4.85 0.00	51.28 -5.06 0.00	58.06 -5.69 0.00	61.78 -6.18 0.55	57.22 -5.68 0.20	49.43 -4.89 0.12	47.66 -4.74 0.00	45.42 -4.96 2.17	47.40 -4.90 0.64	42.64 -4.32 0.00
GLEN PARK____ 23778	59.94 1.81 0.00	58.06 1.84 0.00	51.73 1.11 0.00	47.52 0.75 0.00	46.58 0.46 0.00	56.70 1.72 0.00	83.49 2.22 0.00	69.55 0.65 0.00	69.61 0.03 0.00	85.98 -1.48 0.00	63.93 -0.72 0.00	54.87 -1.31 0.00	46.09 -2.19 0.00	47.24 -2.65 0.00	49.56 -1.99 0.00	56.34 0.00 0.00	63.21 -0.53 0.00	68.73 0.22 0.00	63.88 0.77 0.00	54.65 0.21 0.00	52.29 -0.11 0.00	51.86 -0.68 0.00	51.78 -1.15 0.00	45.57 -1.39 0.00
GLENDALE_27_KV_LOAD 356172	60.32 2.19 0.00	58.01 1.78 0.00	52.16 1.53 0.00	48.25 1.48 0.00	47.59 1.47 0.00	56.98 1.99 0.00	84.64 3.37 0.00	72.21 3.31 0.00	73.22 3.64 0.00	92.30 4.84 0.00	68.10 3.46 0.00	59.42 3.23 0.00	51.31 3.03 0.00	53.15 3.25 0.00	54.83 3.28 0.00	59.58 3.24 0.00	67.58 3.83 0.00	72.58 4.08 0.00	66.89 3.78 0.00	57.69 3.25 0.00	55.51 3.11 0.00	55.88 3.34 0.00	56.28 3.35 0.00	49.84 2.88 0.00
GLENWOOD_IC_1_G5 23712	60.25 2.12 0.00	57.88 1.65 0.00	52.06 1.44 0.00	48.15 1.38 0.00	47.52 1.39 0.00	56.84 1.86 0.00	84.15 2.88 0.00	71.37 2.47 0.00	72.29 2.70 0.00	91.13 3.67 0.00	67.49 2.85 0.00	59.04 2.85 0.00	51.35 3.07 0.00	53.15 3.26 0.00	54.77 3.22 0.00	59.15 2.81 0.00	66.85 3.11 0.00	71.84 3.34 0.00	66.32 3.21 0.00	57.24 2.80 0.00	55.19 2.79 0.00	55.77 3.22 0.00	56.15 3.21 0.00	49.86 2.90 0.00
GLENWOOD_IC_2_G1 23688	60.04 1.90 0.00	57.70 1.48 0.00	51.92 1.29 0.00	48.02 1.25 0.00	47.37 1.25 0.00	56.68 1.70 0.00	83.98 2.71 0.00	71.55 2.65 0.00	72.49 2.91 0.00	91.38 3.93 0.00	67.62 2.97 0.00	59.06 2.97 0.00	51.07 2.79 0.00	52.90 3.00 0.00	54.54 2.99 0.00	59.21 2.87 0.00	66.99 3.24 0.00	71.97 3.47 0.00	66.42 3.31 0.00	57.32 2.88 0.00	55.23 2.83 0.00	55.65 3.11 0.00	56.02 3.09 0.00	49.63 2.67 0.00
GLENWOOD_IC_3_G1 23689	60.04 1.90 0.00	57.70 1.48 0.00	51.92 1.29 0.00	48.02 1.25 0.00	47.37 1.25 0.00	56.68 1.70 0.00	83.98 2.71 0.00	71.55 2.65 0.00	72.49 2.91 0.00	91.38 3.93 0.00	67.62 2.97 0.00	59.06 2.88 0.00	51.07 2.79 0.00	52.90 3.00 0.00	54.54 2.99 0.00	59.21 2.87 0.00	66.99 3.24 0.00	71.97 3.47 0.00	66.42 3.31 0.00	57.32 2.88 0.00	55.23 2.83 0.00	55.65 3.11 0.00	56.02 3.09 0.00	49.63 2.67 0.00
GLENWOOD___4 23550	60.25 2.12 0.00	57.88 1.65 0.00	52.06 1.44 0.00	48.15 1.38 0.00	47.52 1.39 0.00	56.84 1.86 0.00	84.16 2.90 0.00	71.52 2.62 0.00	72.44 2.85 0.00	91.36 3.90 0.00	67.65 3.00 0.00	59.16 2.97 0.00	51.35 3.07 0.00	53.15 3.26 0.00	54.78 3.23 0.00	59.29 2.95 0.00	67.00 3.26 0.00	72.01 3.51 0.00	66.48 3.37 0.00	57.36 2.92 0.00	55.31 2.91 0.00	55.84 3.29 0.00	56.21 3.27 0.00	49.86 2.90 0.00
GLENWOOD___5 23614	60.25 2.12 0.00	57.88 1.65 0.00	52.06 1.44 0.00	48.15 1.38 0.00	47.52 1.39 0.00	56.84 1.86 0.00	84.16 2.90 0.00	71.52 2.62 0.00	72.44 2.85 0.00	91.36 3.90 0.00	67.65 3.00 0.00	59.16 2.97 0.00	51.35 3.07 0.00	53.15 3.26 0.00	54.78 3.23 0.00	59.29 2.95 0.00	67.00 3.26 0.00	72.01 3.51 0.00	66.48 3.37 0.00	57.36 2.92 0.00	55.31 2.91 0.00	55.84 3.29 0.00	56.21 3.27 0.00	49.86 2.90 0.00
GLOBAL GREEN_PORT_GT1 23814	59.77 1.64 0.00	56.72 0.50 0.00	51.22 0.59 0.00	47.52 0.75 0.00	47.02 0.89 0.00	56.31 1.33 0.00	82.24 0.97 0.00	70.38 1.48 0.00	71.09 1.50 0.00	90.37 2.91 0.00	67.09 2.44 0.00	59.08 2.89 0.00	51.15 2.87 0.00	53.04 3.14 0.00	54.86 3.31 0.00	59.53 3.19 0.00	66.56 2.82 0.00	71.08 2.58 0.00	66.02 2.91 0.00	57.54 3.10 0.00	56.77 4.38 0.00	58.06 5.51 0.00	57.96 5.02 0.00	50.81 3.85 0.00
GLOBE___DSASP 323697	53.68 -4.46 0.00	51.70 -4.52 0.00	46.65 -3.97 0.00	43.08 -3.69 0.00	42.41 -3.71 0.00	49.84 -5.15 0.00	71.61 -9.66 0.00	59.73 -9.17 0.00	60.46 -9.12 0.00	75.92 -11.54 0.00	56.53 -8.12 0.00	48.53 -7.66 0.00	41.28 -7.00 0.00	42.32 -7.57 0.00	43.56 -7.99 0.00	48.06 -8.28 0.00	54.38 -9.37 0.00	57.41 -10.63 0.46	53.08 -9.83 0.20	45.49 -8.32 0.63	30.88 -7.57 13.94	27.38 -7.89 17.27	30.18 -7.45 15.30	27.28 -6.10 13.58
GOETHSLN___LBMP 323567	59.68 1.55 0.00	57.39 1.17 0.00	51.61 0.99 0.00	47.76 0.99 0.00	47.11 0.98 0.00	56.39 1.40 0.00	83.74 2.47 0.00	71.43 2.53 0.00	72.41 2.82 0.00	91.27 3.81 0.00	67.42 2.78 0.00	58.82 2.63 0.00	50.79 2.51 0.00	52.62 2.73 0.00	54.27 2.71 0.00	58.99 2.65 0.00	66.94 3.20 0.00	71.91 3.41 0.00	66.25 3.15 0.00	57.11 2.67 0.00	54.95 2.55 0.00	55.33 2.79 0.00	55.76 2.83 0.00	49.39 2.43 0.00
GOLAH___69_KV_TB 1_2 80279	56.67 -1.46 0.00	54.65 -1.57 0.00	49.25 -1.38 0.00	45.50 -1.27 0.00	44.90 -1.23 0.00	53.24 -1.74 0.00	78.10 -3.17 0.00	65.87 -3.03 0.00	66.52 -3.06 0.00	83.45 -4.01 0.00	61.77 -2.88 0.00	53.23 -2.95 0.00	45.40 -2.88 0.00	46.72 -3.17 0.00	48.17 -3.38 0.00	53.03 -3.31 0.00	60.23 -3.51 0.00	64.33 -3.92 0.25	59.52 -3.59 0.00	51.28 -3.03 0.13	49.52 -2.88 0.00	46.92 -3.17 2.46	49.17 -3.05 0.72	44.38 -2.59 0.00
GOODYEAR_LAKE_HYD 323669	58.92 0.78 0.00	56.96 0.74 0.00	51.34 0.71 0.00	47.45 0.68 0.00	46.82 0.70 0.00	55.95 0.97 0.00	82.88 1.61 0.00	70.24 1.35 0.00	70.88 1.30 0.00	89.10 1.64 0.00	65.94 1.29 0.00	57.26 1.07 0.00	49.09 0.81 0.00	50.74 0.84 0.00	52.49 0.94 0.00	57.42 1.08 0.00	64.98 1.23 0.00	69.91 1.27 0.00	64.28 1.17 0.00	55.49 0.98 -0.07	53.31 0.91 0.00	54.69 0.87 -1.28	54.08 0.77 -0.38	47.60 0.63 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	57.80 -0.33 0.00	55.82 -0.40 0.00	50.31 -0.32 0.00	46.49 -0.28 0.00	45.87 -0.25 0.00	54.67 -0.31 0.00	80.64 -0.63 0.00	68.36 -0.54 0.00	69.03 -0.56 0.00	86.68 -0.77 0.00	64.16 -0.49 0.00	55.64 -0.54 0.00	47.72 -0.56 0.00	49.29 -0.60 0.00	50.96 -0.59 0.00	55.84 -0.51 0.00	63.09 -0.65 0.00	68.26 -0.88 -0.64	62.32 -0.79 0.00	54.02 -0.74 -0.31	51.71 -0.69 0.00	57.77 -0.78 -6.00	53.90 -0.79 -1.76	46.25 -0.71 0.00





GOWANUS_GT4_5 24134	60.04 1.90 0.00	57.74 1.51 0.00	51.96 1.33 0.00	48.08 1.31 0.00	47.43 1.30 0.00	56.74 1.75 0.00	84.24 2.97 0.00	71.80 2.90 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.04 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.57 0.00	66.43 3.32 0.00	57.36 2.92 0.00	55.18 2.79 0.00	55.58 3.03 0.00	55.98 3.05 0.00	49.59 2.62 0.00
GOWANUS_GT4_6 24135	60.04 1.90 0.00	57.74 1.51 0.00	51.96 1.33 0.00	48.08 1.31 0.00	47.43 1.30 0.00	56.74 1.75 0.00	84.24 2.97 0.00	71.80 2.90 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.04 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.57 0.00	66.43 3.32 0.00	57.36 2.92 0.00	55.18 2.79 0.00	55.58 3.03 0.00	55.98 3.05 0.00	49.59 2.62 0.00
GOWANUS_GT4_7 24136	60.04 1.90 0.00	57.74 1.51 0.00	51.96 1.33 0.00	48.08 1.31 0.00	47.43 1.30 0.00	56.74 1.75 0.00	84.24 2.97 0.00	71.80 2.90 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.04 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.57 0.00	66.43 3.32 0.00	57.36 2.92 0.00	55.18 2.79 0.00	55.58 3.03 0.00	55.98 3.05 0.00	49.59 2.62 0.00
GOWANUS_GT4_8 24137	60.04 1.90 0.00	57.74 1.51 0.00	51.96 1.33 0.00	48.08 1.31 0.00	47.43 1.30 0.00	56.74 1.75 0.00	84.24 2.97 0.00	71.80 2.90 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.04 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.57 0.00	66.43 3.32 0.00	57.36 2.92 0.00	55.18 2.79 0.00	55.58 3.03 0.00	55.98 3.05 0.00	49.59 2.62 0.00
GREATVRV_69_KV_BK1 356245	61.03 2.90 0.00	58.33 2.10 0.00	52.56 1.94 0.00	48.63 1.86 0.00	48.05 1.93 0.00	57.51 2.52 0.00	84.65 3.38 0.00	72.28 3.38 0.00	72.91 3.32 0.00	92.06 4.60 0.00	68.50 3.85 0.00	60.17 3.98 0.00	52.20 3.92 0.00	54.04 4.14 0.00	55.68 4.13 0.00	60.42 4.08 0.00	67.76 4.01 0.00	72.68 4.17 0.00	67.39 4.28 0.00	58.32 3.88 0.00	56.46 4.06 0.00	57.07 4.52 0.00	57.33 4.40 0.00	50.86 3.89 0.00
GREENBSH_115KV_TB3 55895	59.97 1.84 0.00	58.05 1.82 0.00	52.29 1.66 0.00	48.30 1.53 0.00	47.57 1.45 0.00	56.72 1.73 0.00	83.84 2.58 0.00	71.17 2.28 0.00	71.85 2.26 0.00	90.41 2.96 0.00	66.77 2.13 0.00	58.13 1.94 0.00	50.12 1.84 0.00	51.87 1.98 0.00	53.47 1.92 0.00	58.26 1.92 0.00	66.02 2.27 0.00	70.97 2.47 0.00	65.42 2.31 0.00	56.52 2.08 0.00	54.36 1.95 0.00	54.58 2.04 0.00	54.92 1.98 0.00	48.68 1.72 0.00
GREENDGE_115KV_TB5 80291	56.24 -1.90 0.00	54.26 -1.96 0.00	49.17 -1.46 0.00	45.78 -0.99 0.00	45.41 -0.71 0.00	53.82 -1.16 0.00	78.25 -3.02 0.00	66.23 -2.67 0.00	66.74 -2.84 0.00	83.54 -3.92 0.00	61.78 -2.87 0.00	53.33 -2.86 0.00	45.92 -2.36 0.00	47.29 -2.60 0.00	48.77 -2.78 0.00	53.59 -2.75 0.00	60.85 -2.89 0.00	64.60 -3.17 0.73	60.22 -3.20 -0.31	51.96 -2.77 -0.29	70.87 -2.87 -21.34	63.02 -3.16 -13.63	69.31 -3.29 -19.67	64.77 -2.99 -20.80
GREENIDGE___3 23582	56.24 -1.90 0.00	54.26 -1.96 0.00	49.17 -1.46 0.00	45.78 -0.99 0.00	45.41 -0.71 0.00	53.82 -1.16 0.00	78.25 -3.02 0.00	66.23 -2.67 0.00	66.74 -2.84 0.00	83.54 -3.92 0.00	61.78 -2.87 0.00	53.33 -2.86 0.00	45.92 -2.36 0.00	47.29 -2.60 0.00	48.77 -2.78 0.00	53.59 -2.75 0.00	60.85 -2.89 0.00	64.60 -3.17 0.73	60.22 -3.20 -0.31	51.96 -2.77 -0.29	70.87 -2.87 -21.34	63.02 -3.16 -13.63	69.31 -3.29 -19.67	64.77 -2.99 -20.80
GREENIDGE___4 23583	56.98 -1.91 -0.76	55.78 -1.96 -1.52	49.92 -1.45 -0.75	46.93 -1.00 -1.15	45.56 -0.71 -0.14	55.28 -1.16 -1.46	79.82 -3.02 -1.57	67.23 -2.64 -0.97	67.45 -2.84 -0.70	84.74 -3.92 -1.21	62.52 -2.86 -0.73	53.32 -2.86 0.00	45.91 -2.37 0.00	47.29 -2.60 0.00	48.76 -2.79 0.00	53.59 -2.75 0.00	60.85 -2.89 0.00	64.85 -3.16 0.49	60.38 -3.19 -0.46	51.97 -2.76 -0.30	70.87 -2.87 -21.34	63.00 -3.19 -13.63	69.31 -3.29 -19.67	64.79 -2.97 -20.80
GREENLWN_69_KV_BK 3 55738	60.15 2.01 0.00	57.63 1.40 0.00	51.91 1.28 0.00	47.99 1.22 0.00	47.41 1.28 0.00	56.71 1.73 0.00	83.62 2.35 0.00	71.41 2.51 0.00	72.21 2.63 0.00	91.02 3.57 0.00	67.56 2.91 0.00	59.27 3.08 0.00	51.42 3.14 0.00	53.20 3.30 0.00	54.76 3.21 0.00	59.38 3.04 0.00	66.85 3.10 0.00	71.79 3.29 0.00	66.42 3.31 0.00	57.39 2.95 0.00	55.48 3.08 0.00	56.06 3.51 0.00	56.39 3.45 0.00	50.02 3.05 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	60.04 1.90 0.00	57.74 1.51 0.00	51.96 1.33 0.00	48.08 1.31 0.00	47.43 1.30 0.00	56.74 1.75 0.00	84.24 2.97 0.00	71.80 2.90 0.00	72.74 3.16 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.04 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.57 0.00	66.43 3.32 0.00	57.36 2.92 0.00	55.18 2.79 0.00	55.58 3.03 0.00	55.98 3.05 0.00	49.59 2.62 0.00
GRISSOM___SOLAR 323813	60.32 2.19 0.00	58.36 2.13 0.00	52.54 1.92 0.00	48.49 1.72 0.00	47.85 1.72 0.00	57.17 2.19 0.00	84.72 3.45 0.00	71.86 2.96 0.00	72.20 2.61 0.00	89.99 2.53 0.00	66.22 1.57 0.00	57.31 1.12 0.00	49.24 0.96 0.00	50.51 0.62 0.00	52.87 1.32 0.00	58.14 1.81 0.00	65.80 2.05 0.00	71.28 2.77 0.00	65.82 2.71 0.00	56.72 2.28 0.00	54.64 2.24 0.00	54.73 2.18 0.00	55.00 2.06 0.00	48.70 1.73 0.00
GROVEVILLE___HYD 323602	60.21 2.07 0.00	58.02 1.79 0.00	52.18 1.55 0.00	48.23 1.46 0.00	47.56 1.44 0.00	56.94 1.95 0.00	84.59 3.32 0.00	71.98 3.08 0.00	72.90 3.31 0.00	91.79 4.34 0.00	67.79 3.15 0.00	59.01 2.82 0.00	50.83 2.55 0.00	52.62 2.73 0.00	54.30 2.74 0.00	59.06 2.72 0.00	66.98 3.24 0.00	72.01 3.51 0.00	66.40 3.29 0.00	57.40 2.97 0.00	55.30 2.90 0.00	55.56 3.01 0.00	55.90 2.97 0.00	49.49 2.52 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	57.15 -0.99 0.00	55.18 -1.05 0.00	49.73 -0.90 0.00	45.89 -0.88 0.00	45.31 -0.81 0.00	54.10 -0.88 0.00	79.98 -1.29 0.00	67.76 -1.14 0.00	68.45 -1.13 0.00	85.90 -1.55 0.00	63.49 -1.15 0.00	55.02 -1.17 0.00	47.24 -1.04 0.00	48.83 -1.06 0.00	50.47 -1.08 0.00	55.26 -1.09 0.00	62.54 -1.20 0.00	67.23 -1.27 0.00	61.97 -1.14 0.00	53.41 -1.03 0.00	51.40 -1.00 0.00	51.49 -1.05 0.00	51.86 -1.08 0.00	45.96 -1.01 0.00
HAMLTNNY_34_KV_TB 80303	57.27 -0.87 0.00	55.26 -0.96 0.00	49.82 -0.81 0.00	45.97 -0.80 0.00	45.38 -0.74 0.00	54.21 -0.77 0.00	80.14 -1.13 0.00	67.84 -1.06 0.00	68.54 -1.05 0.00	86.04 -1.42 0.00	63.52 -1.12 0.00	54.97 -1.22 0.00	47.21 -1.07 0.00	48.80 -1.09 0.00	50.44 -1.11 0.00	55.21 -1.13 0.00	62.49 -1.25 0.00	67.13 -1.27 0.10	61.98 -1.13 0.00	53.41 -0.98 0.05	51.42 -0.98 0.00	50.53 -1.05 0.96	51.58 -1.07 0.28	45.92 -1.04 0.00

HAMPSHIRE___PAPER_HYD 323593	59.40 1.26 0.00	57.58 1.35 0.00	51.56 0.93 0.00	47.52 0.75 0.00	46.78 0.66 0.00	56.18 1.19 0.00	82.78 1.51 0.00	69.54 0.64 0.00	69.80 0.21 0.00	86.93 -0.52 0.00	64.38 -0.27 0.00	55.67 -0.51 0.00	47.28 -1.00 0.00	48.62 -1.28 0.00	50.57 -0.98 0.00	56.35 0.01 0.00	63.49 -0.25 0.00	68.48 -0.02 0.00	62.95 -0.16 0.00	54.09 -0.34 0.00	51.86 -0.54 0.00	51.86 -0.69 0.00	52.35 -0.59 0.00	46.50 -0.46 0.00
HARDSCRABBLE_WT_PWR 323673	59.10 0.96 0.00	57.21 0.98 0.00	51.61 0.98 0.00	47.67 0.90 0.00	47.03 0.91 0.00	56.27 1.28 0.00	83.33 2.07 0.00	71.04 2.14 0.00	71.64 2.05 0.00	89.77 2.31 0.00	66.14 1.50 0.00	57.53 1.35 0.00	49.54 1.26 0.00	51.13 1.24 0.00	52.77 1.22 0.00	57.60 1.26 0.00	65.08 1.34 0.00	70.26 1.75 0.00	64.97 1.86 0.00	56.11 1.67 0.00	54.16 1.76 0.00	54.44 1.89 0.00	54.68 1.74 0.00	48.41 1.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	59.70 1.57 0.00	57.50 1.28 0.00	51.73 1.10 0.00	47.82 1.05 0.00	47.17 1.04 0.00	56.44 1.46 0.00	83.85 2.59 0.00	71.32 2.43 0.00	72.25 2.67 0.00	91.03 3.58 0.00	67.27 2.63 0.00	58.66 2.47 0.00	50.60 2.32 0.00	52.42 2.52 0.00	54.08 2.53 0.00	58.84 2.50 0.00	66.75 3.01 0.00	71.72 3.22 0.00	66.11 3.00 0.00	56.99 2.56 0.00	54.83 2.43 0.00	55.15 2.60 0.00	55.49 2.56 0.00	49.12 2.15 0.00
HARSNRAD_115KV_TB1 81005	54.61 -3.53 0.00	52.64 -3.59 0.00	47.51 -3.12 0.00	43.87 -2.89 0.00	43.27 -2.85 0.00	50.60 -4.38 0.00	73.14 -8.13 0.00	61.06 -7.84 0.00	61.78 -7.80 0.00	77.49 -9.97 0.00	57.62 -7.03 0.00	49.51 -6.68 0.00	42.08 -6.20 0.00	43.14 -6.76 0.00	44.41 -7.14 0.00	49.07 -7.27 0.00	55.60 -8.15 0.00	58.75 -9.29 0.00	54.32 -8.59 0.00	46.51 -7.33 0.00	32.27 -6.65 13.47	28.93 -6.97 16.65	31.64 -6.52 14.77	28.47 -5.35 13.14
HARZA MOOSE___RIVER 24016	59.43 1.30 0.00	57.57 1.35 0.00	51.57 0.94 0.00	47.39 0.62 0.00	46.66 0.54 0.00	56.21 1.23 0.00	82.97 1.71 0.00	69.72 0.82 0.00	70.22 0.64 0.00	87.76 0.30 0.00	65.11 0.46 0.00	56.33 0.15 0.00	47.86 -0.42 0.00	49.28 -0.61 0.00	51.28 -0.27 0.00	56.94 0.60 0.00	64.09 0.35 0.00	69.24 0.73 0.00	63.95 0.84 0.00	55.01 0.57 0.00	52.69 0.29 0.00	52.55 0.01 0.00	52.72 -0.22 0.00	46.65 -0.31 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	56.81 -1.32 0.00	54.88 -1.34 0.00	49.42 -1.21 0.00	45.65 -1.12 0.00	45.04 -1.08 0.00	53.73 -1.25 0.00	79.42 -1.85 0.00	67.33 -1.57 0.00	68.02 -1.57 0.00	85.40 -2.05 0.00	63.17 -1.48 0.00	54.76 -1.43 0.00	47.00 -1.28 0.00	48.56 -1.34 0.00	50.19 -1.36 0.00	54.95 -1.40 0.00	62.14 -1.61 0.00	66.76 -1.75 0.00	61.52 -1.59 0.00	53.03 -1.41 0.00	51.06 -1.34 0.00	51.16 -1.38 0.00	51.53 -1.40 0.00	45.69 -1.28 0.00
HELLGATE_13_KV_LD 55870	60.46 2.32 0.00	58.13 1.91 0.00	52.28 1.66 0.00	48.37 1.60 0.00	47.71 1.58 0.00	57.12 2.13 0.00	84.84 3.58 0.00	72.41 3.51 0.00	73.43 3.85 0.00	92.53 5.07 0.00	68.27 3.62 0.00	59.56 3.37 0.00	51.43 3.16 0.00	53.28 3.38 0.00	54.95 3.40 0.00	59.73 3.39 0.00	67.74 4.00 0.00	72.74 4.23 0.00	67.02 3.91 0.00	57.83 3.39 0.00	55.65 3.25 0.00	56.01 3.47 0.00	56.40 3.47 0.00	49.95 2.99 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	60.46 2.32 0.00	58.13 1.91 0.00	52.28 1.66 0.00	48.37 1.60 0.00	47.71 1.58 0.00	57.12 2.13 0.00	84.84 3.58 0.00	72.41 3.51 0.00	73.43 3.85 0.00	92.53 5.07 0.00	68.27 3.62 0.00	59.56 3.37 0.00	51.43 3.16 0.00	53.28 3.38 0.00	54.95 3.40 0.00	59.73 3.39 0.00	67.74 4.00 0.00	72.74 4.23 0.00	67.02 3.91 0.00	57.83 3.39 0.00	55.65 3.25 0.00	56.01 3.47 0.00	56.40 3.47 0.00	49.95 2.99 0.00
HEMPSTEAD___ 23647	59.93 1.79 0.00	57.51 1.29 0.00	51.75 1.12 0.00	47.85 1.08 0.00	47.24 1.11 0.00	56.46 1.47 0.00	83.51 2.24 0.00	71.15 2.25 0.00	72.09 2.50 0.00	90.90 3.45 0.00	67.45 2.80 0.00	59.06 2.87 0.00	51.20 2.92 0.00	52.98 3.09 0.00	54.60 3.05 0.00	59.19 2.85 0.00	66.70 2.96 0.00	71.68 3.18 0.00	66.29 3.18 0.00	57.22 2.79 0.00	55.23 2.83 0.00	55.75 3.21 0.00	56.11 3.17 0.00	49.70 2.74 0.00
HICKLING___1 23621	56.84 -1.30 0.00	54.82 -1.41 0.00	49.51 -1.12 0.00	45.76 -1.01 0.00	45.26 -0.86 0.00	53.70 -1.29 0.00	78.69 -2.58 0.00	66.55 -2.35 0.00	67.15 -2.43 0.00	84.07 -3.39 0.00	62.36 -2.28 0.00	53.82 -2.37 0.00	46.12 -2.16 0.00	47.54 -2.35 0.00	49.21 -2.34 0.00	54.04 -2.30 0.00	60.97 -2.77 0.00	63.99 -3.30 1.22	60.19 -3.03 -0.11	51.27 -2.80 0.36	55.78 -2.70 -6.07	44.17 -2.99 5.38	52.78 -3.04 -2.88	50.14 -2.75 -5.92
HICKLING___2 23622	56.84 -1.30 0.00	54.82 -1.41 0.00	49.51 -1.12 0.00	45.76 -1.01 0.00	45.26 -0.86 0.00	53.70 -1.29 0.00	78.69 -2.58 0.00	66.55 -2.35 0.00	67.15 -2.43 0.00	84.07 -3.39 0.00	62.36 -2.28 0.00	53.82 -2.37 0.00	46.12 -2.16 0.00	47.54 -2.35 0.00	49.21 -2.34 0.00	54.04 -2.30 0.00	60.97 -2.77 0.00	63.99 -3.30 1.22	60.19 -3.03 -0.11	51.27 -2.80 0.36	55.78 -2.70 -6.07	44.17 -2.99 5.38	52.78 -3.04 -2.88	50.14 -2.75 -5.92
HIGH FALLS___HY 23754	60.22 2.08 0.00	58.02 1.79 0.00	52.19 1.57 0.00	48.28 1.51 0.00	47.61 1.49 0.00	57.03 2.04 0.00	84.78 3.51 0.00	72.13 3.23 0.00	72.97 3.38 0.00	91.85 4.39 0.00	67.86 3.22 0.00	59.11 2.92 0.00	50.91 2.63 0.00	52.67 2.78 0.00	54.35 2.80 0.00	59.11 2.77 0.00	67.10 3.36 0.00	72.15 3.65 0.00	66.52 3.41 0.00	57.42 2.98 0.00	55.26 2.87 0.00	55.52 2.97 0.00	55.83 2.90 0.00	49.41 2.44 0.00
HIGH_RIVER___SOLAR 323847	59.70 1.57 0.00	57.76 1.54 0.00	52.01 1.38 0.00	48.03 1.26 0.00	47.36 1.23 0.00	56.55 1.56 0.00	83.73 2.47 0.00	71.01 2.11 0.00	71.56 1.97 0.00	89.40 1.95 0.00	65.87 1.23 0.00	57.11 0.92 0.00	49.16 0.88 0.00	50.64 0.74 0.00	52.69 1.14 0.00	57.74 1.40 0.00	65.26 1.51 0.00	70.45 1.95 0.00	65.01 1.90 0.00	56.09 1.65 0.00	54.07 1.67 0.00	54.22 1.67 0.00	54.53 1.59 0.00	48.32 1.35 0.00
HILLBURN___GT 23639	59.42 1.29 0.00	57.21 0.99 0.00	51.45 0.83 0.00	47.60 0.83 0.00	46.94 0.82 0.00	56.17 1.18 0.00	83.41 2.14 0.00	70.98 2.09 0.00	71.93 2.35 0.00	90.63 3.18 0.00	66.97 2.32 0.00	58.41 2.22 0.00	50.40 2.13 0.00	52.24 2.35 0.00	53.89 2.34 0.00	58.58 2.24 0.00	66.49 2.75 0.00	71.40 2.90 0.00	65.81 2.70 0.00	56.75 2.31 0.00	54.61 2.21 0.00	54.96 2.42 0.00	55.31 2.38 0.00	48.94 1.98 0.00
HILLSIDE_115KV_TB1 80332	56.11 -2.03 0.00	54.13 -2.09 0.00	48.89 -1.74 0.00	45.17 -1.60 0.00	44.63 -1.49 0.00	53.02 -1.97 0.00	77.74 -3.53 0.00	65.78 -3.12 0.00	66.43 -3.16 0.00	83.23 -4.23 0.00	61.74 -2.91 0.00	53.37 -2.81 0.00	45.75 -2.53 0.00	47.20 -2.70 0.00	48.87 -2.69 0.00	53.67 -2.67 0.00	60.54 -3.20 0.00	63.30 -3.75 1.45	59.79 -3.40 -0.08	50.83 -3.08 0.53	54.91 -2.90 -5.41	41.24 -3.12 8.18	51.39 -3.12 -1.58	49.46 -2.78 -5.27

HISHELDN_WT_PWR 323625	53.81 -2.74 1.59	50.24 -2.81 3.17	46.69 -2.38 1.56	42.22 -2.14 2.41	43.75 -2.07 0.30	48.80 -3.15 3.04	72.08 -5.92 3.28	61.24 -5.64 2.03	62.36 -5.77 1.46	77.42 -7.52 2.51	57.85 -5.26 1.54	51.02 -5.17 0.00	43.49 -4.79 0.00	44.67 -5.23 0.00	46.11 -5.44 0.00	50.74 -5.60 0.00	57.41 -6.33 0.00	60.09 -7.23 1.19	55.35 -6.75 1.01	46.89 -5.98 1.56	3.59 -5.90 42.91	0.01 -6.47 46.06	1.58 -6.34 45.01	-0.23 -5.38 41.81
HOLTSVILLE_IC_1 23690	60.22 2.08 0.00	57.55 1.33 0.00	51.86 1.23 0.00	47.98 1.21 0.00	47.41 1.29 0.00	56.75 1.76 0.00	83.47 2.20 0.00	71.25 2.35 0.00	72.03 2.44 0.00	90.99 3.54 0.00	67.59 2.95 0.00	59.37 3.19 0.00	51.51 3.24 0.00	53.34 3.44 0.00	54.97 3.42 0.00	59.59 3.25 0.00	66.88 3.14 0.00	71.72 3.22 0.00	66.44 3.33 0.00	57.48 3.05 0.00	55.74 3.34 0.00	56.42 3.88 0.00	56.67 3.74 0.00	50.25 3.29 0.00
HOLTSVILLE_IC_10 23699	60.47 2.33 0.00	57.73 1.51 0.00	52.04 1.41 0.00	48.17 1.40 0.00	47.60 1.47 0.00	56.98 1.99 0.00	83.74 2.48 0.00	71.52 2.62 0.00	72.29 2.71 0.00	91.44 3.99 0.00	67.91 3.26 0.00	59.68 3.49 0.00	51.76 3.48 0.00	53.59 3.69 0.00	55.25 3.70 0.00	59.90 3.55 0.00	67.21 3.47 0.00	72.05 3.55 0.00	66.76 3.65 0.00	57.78 3.34 0.00	56.07 3.67 0.00	56.75 4.21 0.00	56.98 4.05 0.00	50.52 3.56 0.00
HOLTSVILLE_IC_2 23691	60.22 2.08 0.00	57.55 1.33 0.00	51.86 1.23 0.00	47.98 1.21 0.00	47.41 1.29 0.00	56.75 1.76 0.00	83.47 2.20 0.00	71.25 2.35 0.00	72.03 2.44 0.00	90.99 3.54 0.00	67.59 2.95 0.00	59.37 3.19 0.00	51.51 3.24 0.00	53.34 3.44 0.00	54.97 3.42 0.00	59.59 3.25 0.00	66.88 3.14 0.00	71.72 3.22 0.00	66.44 3.33 0.00	57.48 3.05 0.00	55.74 3.34 0.00	56.42 3.88 0.00	56.67 3.74 0.00	50.25 3.29 0.00
HOLTSVILLE_IC_3 23692	60.22 2.08 0.00	57.55 1.33 0.00	51.86 1.23 0.00	47.98 1.21 0.00	47.41 1.29 0.00	56.75 1.76 0.00	83.47 2.20 0.00	71.25 2.35 0.00	72.03 2.44 0.00	90.99 3.54 0.00	67.59 2.95 0.00	59.37 3.19 0.00	51.51 3.24 0.00	53.34 3.44 0.00	54.97 3.42 0.00	59.59 3.25 0.00	66.88 3.14 0.00	71.72 3.22 0.00	66.44 3.33 0.00	57.48 3.05 0.00	55.74 3.34 0.00	56.42 3.88 0.00	56.67 3.74 0.00	50.25 3.29 0.00
HOLTSVILLE_IC_4 23693	60.22 2.08 0.00	57.55 1.33 0.00	51.86 1.23 0.00	47.98 1.21 0.00	47.41 1.29 0.00	56.75 1.76 0.00	83.47 2.20 0.00	71.25 2.35 0.00	72.03 2.44 0.00	90.99 3.54 0.00	67.59 2.95 0.00	59.37 3.19 0.00	51.51 3.24 0.00	53.34 3.44 0.00	54.97 3.42 0.00	59.59 3.25 0.00	66.88 3.14 0.00	71.72 3.22 0.00	66.44 3.33 0.00	57.48 3.05 0.00	55.74 3.34 0.00	56.42 3.88 0.00	56.67 3.74 0.00	50.25 3.29 0.00
HOLTSVILLE_IC_5 23694	60.22 2.08 0.00	57.55 1.33 0.00	51.86 1.23 0.00	47.98 1.21 0.00	47.41 1.29 0.00	56.75 1.76 0.00	83.47 2.20 0.00	71.25 2.35 0.00	72.03 2.44 0.00	90.99 3.54 0.00	67.59 2.95 0.00	59.37 3.19 0.00	51.51 3.24 0.00	53.34 3.44 0.00	54.97 3.42 0.00	59.59 3.25 0.00	66.88 3.14 0.00	71.72 3.22 0.00	66.44 3.33 0.00	57.48 3.05 0.00	55.74 3.34 0.00	56.42 3.88 0.00	56.67 3.74 0.00	50.25 3.29 0.00
HOLTSVILLE_IC_6 23695	60.47 2.33 0.00	57.73 1.51 0.00	52.04 1.41 0.00	48.17 1.40 0.00	47.60 1.47 0.00	56.98 1.99 0.00	83.74 2.48 0.00	71.52 2.62 0.00	72.29 2.71 0.00	91.44 3.99 0.00	67.91 3.26 0.00	59.68 3.49 0.00	51.76 3.48 0.00	53.59 3.69 0.00	55.25 3.70 0.00	59.90 3.55 0.00	67.21 3.47 0.00	72.05 3.55 0.00	66.76 3.65 0.00	57.78 3.34 0.00	56.07 3.67 0.00	56.75 4.21 0.00	56.98 4.05 0.00	50.52 3.56 0.00
HOLTSVILLE_IC_7 23696	60.47 2.33 0.00	57.73 1.51 0.00	52.04 1.41 0.00	48.17 1.40 0.00	47.60 1.47 0.00	56.98 1.99 0.00	83.74 2.48 0.00	71.52 2.62 0.00	72.29 2.71 0.00	91.44 3.99 0.00	67.91 3.26 0.00	59.68 3.49 0.00	51.76 3.48 0.00	53.59 3.69 0.00	55.25 3.70 0.00	59.90 3.55 0.00	67.21 3.47 0.00	72.05 3.55 0.00	66.76 3.65 0.00	57.78 3.34 0.00	56.07 3.67 0.00	56.75 4.21 0.00	56.98 4.05 0.00	50.52 3.56 0.00
HOLTSVILLE_IC_8 23697	60.47 2.33 0.00	57.73 1.51 0.00	52.04 1.41 0.00	48.17 1.40 0.00	47.60 1.47 0.00	56.98 1.99 0.00	83.74 2.48 0.00	71.52 2.62 0.00	72.29 2.71 0.00	91.44 3.99 0.00	67.91 3.26 0.00	59.68 3.49 0.00	51.76 3.48 0.00	53.59 3.69 0.00	55.25 3.70 0.00	59.90 3.55 0.00	67.21 3.47 0.00	72.05 3.55 0.00	66.76 3.65 0.00	57.78 3.34 0.00	56.07 3.67 0.00	56.75 4.21 0.00	56.98 4.05 0.00	50.52 3.56 0.00
HOLTSVILLE_IC_9 23698	60.47 2.33 0.00	57.73 1.51 0.00	52.04 1.41 0.00	48.17 1.40 0.00	47.60 1.47 0.00	56.98 1.99 0.00	83.74 2.48 0.00	71.52 2.62 0.00	72.29 2.71 0.00	91.44 3.99 0.00	67.91 3.26 0.00	59.68 3.49 0.00	51.76 3.48 0.00	53.59 3.69 0.00	55.25 3.70 0.00	59.90 3.55 0.00	67.21 3.47 0.00	72.05 3.55 0.00	66.76 3.65 0.00	57.78 3.34 0.00	56.07 3.67 0.00	56.75 4.21 0.00	56.98 4.05 0.00	50.52 3.56 0.00
HOMER_HL_115KV_TB2 355744	57.40 -0.74 0.00	55.43 -0.79 0.00	49.86 -0.77 0.00	46.12 -0.65 0.00	45.37 -0.75 0.00	53.64 -1.35 0.00	78.01 -3.26 0.00	65.94 -2.96 0.00	66.60 -2.98 0.00	83.35 -4.11 0.00	61.47 -3.18 0.00	52.76 -3.43 0.00	44.66 -3.62 0.00	46.01 -3.89 0.00	47.62 -3.93 0.00	52.33 -4.01 0.00	59.43 -4.32 0.00	62.94 -4.97 0.59	58.37 -4.67 0.07	50.00 -4.02 0.42	47.99 -3.99 0.42	40.40 -4.32 7.83	43.31 -4.11 5.51	38.61 -3.43 4.93
HOWARD_WT_PWR 323690	57.71 -1.19 -0.76	56.44 -1.31 -1.53	50.35 -1.03 -0.75	47.05 -0.88 -1.16	45.64 -0.63 -0.14	55.28 -1.16 -1.46	80.10 -2.74 -1.57	67.27 -2.61 -0.98	67.29 -2.99 -0.70	84.18 -4.49 -1.21	62.17 -3.20 -0.73	52.79 -3.40 0.00	45.31 -2.97 0.00	46.61 -3.29 0.00	48.33 -3.23 0.00	53.10 -3.24 0.00	59.72 -4.02 0.00	63.10 -4.63 0.78	59.34 -4.43 -0.66	51.29 -4.15 -1.00	94.53 -4.19 -46.32	84.20 -5.06 -36.71	91.82 -5.32 -44.21	86.25 -4.98 -44.26
HQ_GEN_CEDARS 23644	59.30 1.16 0.00	57.46 1.23 0.00	51.71 1.08 0.00	47.88 1.11 0.00	47.23 1.11 0.00	56.10 1.11 0.00	82.73 1.46 0.00	69.99 1.09 0.00	70.42 0.84 0.00	88.22 0.77 0.00	65.07 0.43 0.00	56.49 0.31 0.00	48.39 0.11 0.00	49.90 0.00 0.00	51.67 0.12 0.00	56.80 0.46 0.00	64.52 0.78 0.00	69.31 0.81 0.00	63.67 0.56 0.00	54.84 0.41 0.00	52.75 0.36 0.00	52.81 0.26 0.00	53.34 0.40 0.00	47.53 0.57 0.00
HQ_GEN_CEDARS_PROXY 323590	59.31 1.17 0.00	57.45 1.23 0.00	51.71 1.08 0.00	47.88 1.11 0.00	47.23 1.10 0.00	56.10 1.12 0.00	82.73 1.46 0.00	69.99 1.09 0.00	70.43 0.84 0.00	88.22 0.76 0.00	65.07 0.43 0.00	56.49 0.31 0.00	48.38 0.10 0.00	49.90 0.00 0.00	51.68 0.12 0.00	55.55 0.46 1.25	64.52 0.78 0.00	69.31 0.81 0.00	63.67 0.56 0.00	54.84 0.41 0.00	52.75 0.35 0.00	52.81 0.26 0.00	53.32 0.39 0.00	47.53 0.57 0.00

HQ_GEN_CHPE_PROXY 323851	59.78 1.64 0.00	57.48 1.26 0.00	51.71 1.08 0.00	47.84 1.06 0.00	47.18 1.05 0.00	56.49 1.51 0.00	83.87 2.61 0.00	71.51 2.61 0.00	72.52 2.94 0.00	91.41 3.95 0.00	67.52 2.87 0.00	58.91 2.72 0.00	50.86 2.58 0.00	52.70 2.80 0.00	54.35 2.80 0.00	59.09 2.75 0.00	67.00 3.25 0.00	71.96 3.46 0.00	66.30 3.18 0.00	57.16 2.72 0.00	55.01 2.61 0.00	55.44 2.89 0.00	55.96 3.03 0.00	49.55 2.58 0.00
HQ_GEN_IMPORT 323601	58.66 0.53 0.00	56.77 0.55 0.00	51.11 0.49 0.00	47.24 0.47 0.00	46.61 0.49 0.00	55.47 0.48 0.00	81.91 0.65 0.00	69.40 0.50 0.00	70.03 0.45 0.00	87.97 0.52 0.00	64.99 0.35 0.00	56.48 0.29 0.00	48.46 0.19 0.00	50.05 0.15 0.00	51.76 0.21 0.00	56.66 0.32 0.00	64.15 0.41 0.00	68.96 0.46 0.00	63.49 0.38 0.00	54.76 0.32 0.00	52.69 0.29 0.00	52.79 0.24 0.00	53.21 0.28 0.00	47.27 0.30 0.00
HQ_GEN_WHEEL 23651	58.66 0.53 0.00	56.77 0.55 0.00	51.11 0.49 0.00	47.24 0.47 0.00	46.61 0.49 0.00	55.47 0.48 0.00	81.91 0.65 0.00	69.40 0.50 0.00	70.03 0.45 0.00	87.97 0.52 0.00	64.99 0.35 0.00	56.48 0.29 0.00	48.46 0.19 0.00	50.05 0.15 0.00	51.76 0.21 0.00	56.66 0.32 0.00	64.15 0.41 0.00	68.96 0.46 0.00	63.49 0.38 0.00	54.76 0.32 0.00	52.69 0.29 0.00	52.79 0.24 0.00	53.21 0.28 0.00	47.27 0.30 0.00
HUDSON_AVE_GT_3 23810	60.02 1.89 0.00	57.72 1.50 0.00	51.91 1.28 0.00	48.03 1.26 0.00	47.37 1.25 0.00	56.72 1.73 0.00	84.21 2.94 0.00	71.83 2.93 0.00	72.84 3.25 0.00	91.81 4.36 0.00	67.83 3.18 0.00	59.17 2.98 0.00	51.09 2.81 0.00	52.93 3.03 0.00	54.59 3.04 0.00	59.35 3.01 0.00	67.29 3.55 0.00	72.27 3.77 0.00	66.59 3.49 0.00	57.42 2.99 0.00	55.24 2.84 0.00	55.64 3.09 0.00	56.09 3.16 0.00	49.67 2.70 0.00
HUDSON_AVE_GT_4 23540	60.02 1.89 0.00	57.72 1.50 0.00	51.91 1.28 0.00	48.03 1.26 0.00	47.37 1.25 0.00	56.72 1.73 0.00	84.21 2.94 0.00	71.83 2.93 0.00	72.84 3.25 0.00	91.81 4.36 0.00	67.83 3.18 0.00	59.17 2.98 0.00	51.09 2.81 0.00	52.93 3.03 0.00	54.59 3.04 0.00	59.35 3.01 0.00	67.29 3.55 0.00	72.27 3.77 0.00	66.59 3.49 0.00	57.42 2.99 0.00	55.24 2.84 0.00	55.64 3.09 0.00	56.09 3.16 0.00	49.67 2.70 0.00
HUDSON_AVE_GT_5 23657	60.02 1.89 0.00	57.72 1.50 0.00	51.91 1.28 0.00	48.03 1.26 0.00	47.37 1.25 0.00	56.72 1.73 0.00	84.21 2.94 0.00	71.83 2.93 0.00	72.84 3.25 0.00	91.81 4.36 0.00	67.83 3.18 0.00	59.17 2.98 0.00	51.09 2.81 0.00	52.93 3.03 0.00	54.59 3.04 0.00	59.35 3.01 0.00	67.29 3.55 0.00	72.27 3.77 0.00	66.59 3.49 0.00	57.42 2.99 0.00	55.24 2.84 0.00	55.64 3.09 0.00	56.09 3.16 0.00	49.67 2.70 0.00
HUDSON_AVE_10 24168	59.75 1.62 0.00	57.46 1.24 0.00	51.67 1.04 0.00	47.80 1.03 0.00	47.16 1.03 0.00	56.46 1.47 0.00	83.83 2.56 0.00	71.54 2.64 0.00	72.57 2.99 0.00	91.42 3.97 0.00	67.52 2.87 0.00	58.89 2.71 0.00	50.85 2.58 0.00	52.69 2.79 0.00	54.36 2.81 0.00	59.08 2.74 0.00	67.01 3.27 0.00	71.97 3.47 0.00	66.32 3.21 0.00	57.18 2.74 0.00	55.04 2.64 0.00	55.44 2.90 0.00	55.89 2.96 0.00	49.49 2.52 0.00
HUDSON___115KV_TB 4 355613	61.17 3.04 0.00	59.18 2.95 0.00	53.30 2.67 0.00	49.24 2.47 0.00	48.50 2.38 0.00	57.90 2.91 0.00	85.67 4.40 0.00	72.81 3.91 0.00	73.47 3.88 0.00	92.21 4.75 0.00	67.94 3.29 0.00	59.13 2.94 0.00	50.87 2.59 0.00	52.70 2.80 0.00	54.36 2.81 0.00	59.40 3.06 0.00	67.38 3.64 0.00	72.57 4.07 0.00	66.99 3.88 0.00	57.81 3.37 0.00	55.59 3.19 0.00	55.73 3.19 0.00	56.03 3.10 0.00	49.61 2.65 0.00
HUNTER MOUNT___DRP 323613	61.52 3.38 0.00	59.51 3.28 0.00	53.60 2.98 0.00	49.51 2.74 0.00	48.78 2.65 0.00	58.23 3.24 0.00	86.22 4.95 0.00	73.29 4.40 0.00	73.94 4.35 0.00	92.74 5.29 0.00	68.31 3.67 0.00	59.42 3.24 0.00	51.10 2.82 0.00	52.96 3.06 0.00	54.65 3.10 0.00	59.76 3.42 0.00	67.77 4.03 0.00	73.03 4.53 0.00	67.40 4.29 0.00	58.15 3.71 0.00	55.91 3.51 0.00	56.02 3.48 0.00	56.30 3.36 0.00	49.84 2.88 0.00
HUNTINGTON_RES_REC 323705	60.26 2.12 0.00	57.65 1.43 0.00	51.95 1.32 0.00	48.05 1.27 0.00	47.47 1.35 0.00	56.82 1.83 0.00	83.67 2.40 0.00	71.40 2.51 0.00	72.21 2.62 0.00	91.14 3.68 0.00	67.67 3.03 0.00	59.43 3.24 0.00	51.56 3.28 0.00	53.36 3.46 0.00	54.95 3.40 0.00	59.57 3.23 0.00	67.00 3.26 0.00	71.90 3.40 0.00	66.59 3.49 0.00	57.57 3.13 0.00	55.73 3.34 0.00	56.37 3.82 0.00	56.63 3.70 0.00	50.23 3.26 0.00
HUNTLEY___63 23557	55.10 -3.03 0.00	53.05 -3.18 0.00	47.86 -2.77 0.00	44.21 -2.56 0.00	43.57 -2.56 0.00	51.13 -3.86 0.00	73.87 -7.40 0.00	61.71 -7.18 0.00	62.46 -7.12 0.00	78.39 -9.07 0.00	58.34 -6.31 0.00	50.09 -6.09 0.00	42.57 -5.71 0.00	43.68 -6.22 0.00	44.97 -6.58 0.00	49.63 -6.71 0.00	56.21 -7.53 0.00	59.35 -8.68 0.48	54.90 -8.00 0.21	46.99 -6.81 0.65	31.72 -6.26 14.42	28.15 -6.59 17.81	30.93 -6.20 15.81	27.83 -5.08 14.06
HUNTLEY___64 23558	55.10 -3.03 0.00	53.05 -3.18 0.00	47.86 -2.77 0.00	44.21 -2.56 0.00	43.57 -2.56 0.00	51.13 -3.86 0.00	73.87 -7.40 0.00	61.71 -7.18 0.00	62.46 -7.12 0.00	78.39 -9.07 0.00	58.34 -6.31 0.00	50.09 -6.09 0.00	42.57 -5.71 0.00	43.68 -6.22 0.00	44.97 -6.58 0.00	49.63 -6.71 0.00	56.21 -7.53 0.00	59.35 -8.68 0.48	54.90 -8.00 0.21	46.99 -6.81 0.65	31.72 -6.26 14.42	28.15 -6.59 17.81	30.93 -6.20 15.81	27.83 -5.08 14.06
HUNTLEY___65 23559	55.10 -3.03 0.00	53.05 -3.18 0.00	47.86 -2.77 0.00	44.21 -2.56 0.00	43.57 -2.56 0.00	51.13 -3.86 0.00	73.87 -7.40 0.00	61.71 -7.18 0.00	62.46 -7.12 0.00	78.39 -9.07 0.00	58.34 -6.31 0.00	50.09 -6.09 0.00	42.57 -5.71 0.00	43.68 -6.22 0.00	44.97 -6.58 0.00	49.63 -6.71 0.00	56.21 -7.53 0.00	59.35 -8.68 0.48	54.90 -8.00 0.21	46.99 -6.81 0.65	31.72 -6.26 14.42	28.15 -6.59 17.81	30.93 -6.20 15.81	27.83 -5.08 14.06
HUNTLEY___66 23560	55.10 -3.03 0.00	53.05 -3.18 0.00	47.86 -2.77 0.00	44.21 -2.56 0.00	43.57 -2.56 0.00	51.13 -3.86 0.00	73.87 -7.40 0.00	61.71 -7.18 0.00	62.46 -7.12 0.00	78.39 -9.07 0.00	58.34 -6.31 0.00	50.09 -6.09 0.00	42.57 -5.71 0.00	43.68 -6.22 0.00	44.97 -6.58 0.00	49.63 -6.71 0.00	56.21 -7.53 0.00	59.35 -8.68 0.48	54.90 -8.00 0.21	46.99 -6.81 0.65	31.72 -6.26 14.42	28.15 -6.59 17.81	30.93 -6.20 15.81	27.83 -5.08 14.06
HUNTLEY___67 23561	54.72 -3.42 0.00	52.70 -3.52 0.00	47.59 -3.04 0.00	43.97 -2.80 0.00	43.31 -2.82 0.00	50.91 -4.08 0.00	73.68 -7.59 0.00	61.63 -7.27 0.00	62.37 -7.22 0.00	78.22 -9.24 0.00	58.18 -6.46 0.00	50.02 -6.16 0.00	42.54 -5.74 0.00	43.66 -6.24 0.00	44.98 -6.57 0.00	49.60 -6.74 0.00	56.14 -7.60 0.48	59.33 -8.69 0.25	54.80 -8.06 0.73	46.80 -6.91 17.05	28.79 -6.56 20.49	25.15 -6.91 18.53	27.89 -6.52 15.83	24.97 -5.38 16.61

HUNTLEY___68 23562	54.72 -3.42 0.00	52.70 -3.52 0.00	47.59 -3.04 0.00	43.97 -2.80 0.00	43.31 -2.82 0.00	50.91 -4.08 0.00	73.68 -7.59 0.00	61.63 -7.27 0.00	62.37 -7.22 0.00	78.22 -9.24 0.00	58.18 -6.46 0.00	50.02 -6.16 0.00	42.54 -5.74 0.00	43.66 -6.24 0.00	44.98 -6.57 0.00	49.60 -6.74 0.00	56.14 -7.60 0.00	59.33 -8.69 0.48	54.80 -8.06 0.25	46.80 -6.91 0.73	28.79 -6.56 17.05	25.15 -6.91 20.49	27.89 -6.52 18.53	24.97 -5.38 16.61
HYLAND___LFGE 323620	59.34 1.21 0.00	57.18 0.95 0.00	51.52 0.90 0.00	47.62 0.85 0.00	47.15 1.03 0.00	55.96 0.97 0.00	82.36 1.09 0.00	69.55 0.65 0.00	69.66 0.07 0.00	86.13 -1.32 0.00	63.23 -1.41 0.00	54.17 -2.01 0.00	46.18 -2.10 0.00	47.46 -2.44 0.00	49.20 -2.35 0.00	54.05 -2.29 0.00	61.09 -2.65 0.00	65.35 -2.48 0.68	62.53 -1.23 -0.65	54.75 -0.97 -1.28	102.69 -0.95 -51.24	95.16 -1.39 -44.01	101.95 -1.51 -50.52	95.37 -1.53 -49.93
INDECK___CORINTH 23802	60.22 2.08 0.00	58.24 2.01 0.00	52.43 1.81 0.00	48.47 1.70 0.00	47.79 1.67 0.00	57.13 2.14 0.00	84.78 3.51 0.00	71.93 3.03 0.00	72.67 3.08 0.00	90.88 3.42 0.00	67.03 2.38 0.00	58.12 1.94 0.00	50.02 1.74 0.00	51.72 1.83 0.00	53.59 2.04 0.00	58.45 2.11 0.00	66.32 2.58 0.00	71.57 3.07 0.00	66.18 3.08 0.00	57.08 2.64 0.00	54.84 2.44 0.00	54.90 2.36 0.00	55.18 2.25 0.00	48.87 1.91 0.00
INDECK___ILION 23567	58.80 0.67 0.00	56.88 0.66 0.00	51.27 0.65 0.00	47.36 0.58 0.00	46.70 0.58 0.00	55.79 0.81 0.00	82.59 1.32 0.00	70.20 1.30 0.00	70.83 1.25 0.00	88.88 1.42 0.00	65.59 0.95 0.00	57.05 0.87 0.00	49.09 0.81 0.00	50.70 0.81 0.00	52.37 0.82 0.00	57.21 0.87 0.00	64.67 0.93 0.00	69.66 1.16 0.00	64.30 1.19 0.00	55.49 1.05 0.00	53.48 1.08 0.00	53.69 1.15 0.00	54.00 1.07 0.00	47.83 0.87 0.00
INDECK___OLEAN 23982	53.25 -0.78 4.11	47.24 -0.79 8.19	45.81 -0.79 4.02	39.88 -0.66 6.23	44.61 -0.73 0.78	45.79 -1.35 7.85	69.56 -3.25 8.46	60.73 -2.90 5.28	62.77 -2.96 3.85	76.73 -4.11 6.61	57.57 -3.17 3.90	52.76 -3.42 0.00	44.66 -3.63 0.00	46.00 -3.89 0.00	47.62 -3.93 0.00	52.32 -4.02 0.00	59.42 -4.32 0.00	61.65 -4.96 1.90	57.53 -4.67 0.90	49.99 -4.00 0.44	48.17 -3.82 0.42	40.53 -4.19 7.83	43.43 -3.99 5.51	38.68 -3.36 4.93
INDECK___OSWEGO 23783	56.24 -1.89 0.00	54.37 -1.85 0.00	48.88 -1.74 0.00	45.12 -1.65 0.00	44.49 -1.63 0.00	53.20 -1.78 0.00	78.61 -2.66 0.00	66.51 -2.39 0.00	67.13 -2.45 0.00	84.18 -3.28 0.00	62.25 -2.40 0.00	53.95 -2.24 0.00	46.21 -2.07 0.00	47.72 -2.17 0.00	49.39 -2.16 0.00	54.24 -2.10 0.00	61.33 -2.41 0.00	66.00 -2.50 0.00	60.88 -2.23 0.00	52.48 -1.95 0.00	50.49 -1.91 0.00	50.57 -1.98 0.00	50.89 -2.04 0.00	45.10 -1.87 0.00
INDECK___YERKES 23781	52.61 -2.98 2.55	48.03 -3.10 5.09	45.39 -2.73 2.50	40.37 -2.53 3.87	43.14 -2.50 0.48	46.30 -3.81 4.88	68.70 -7.32 5.26	58.60 -7.05 3.25	60.20 -7.05 2.34	74.42 -8.99 4.04	55.95 -6.24 2.46	50.13 -6.05 0.00	42.62 -5.66 0.00	43.72 -6.17 0.00	45.00 -6.55 0.00	49.67 -6.67 0.00	56.25 -7.49 0.00	58.47 -8.60 1.43	54.34 -7.96 0.81	47.04 -6.74 0.66	31.91 -6.07 14.42	28.30 -6.44 17.81	31.11 -6.02 15.81	27.98 -4.93 14.06
INDIAN POINT___GT_1 24139	59.55 1.42 0.00	57.33 1.11 0.00	51.56 0.94 0.00	47.69 0.92 0.00	47.04 0.91 0.00	56.28 1.29 0.00	83.55 2.28 0.00	71.12 2.22 0.00	72.07 2.49 0.00	90.80 3.34 0.00	67.09 2.44 0.00	58.51 2.32 0.00	50.50 2.23 0.00	52.33 2.43 0.00	53.99 2.43 0.00	58.68 2.34 0.00	66.56 2.82 0.00	71.51 3.00 0.00	65.91 2.80 0.00	56.85 2.41 0.00	54.72 2.32 0.00	55.07 2.52 0.00	55.45 2.52 0.00	49.10 2.13 0.00
INDIAN POINT___GT_2 23659	59.55 1.42 0.00	57.33 1.11 0.00	51.56 0.94 0.00	47.69 0.92 0.00	47.04 0.91 0.00	56.28 1.29 0.00	83.55 2.28 0.00	71.12 2.22 0.00	72.07 2.49 0.00	90.80 3.34 0.00	67.09 2.44 0.00	58.51 2.32 0.00	50.50 2.23 0.00	52.33 2.43 0.00	53.99 2.43 0.00	58.68 2.34 0.00	66.56 2.82 0.00	71.51 3.00 0.00	65.91 2.80 0.00	56.85 2.41 0.00	54.72 2.32 0.00	55.07 2.52 0.00	55.45 2.52 0.00	49.10 2.13 0.00
INDIAN POINT___GT_3 24019	59.55 1.42 0.00	57.33 1.11 0.00	51.56 0.94 0.00	47.69 0.92 0.00	47.04 0.91 0.00	56.28 1.29 0.00	83.55 2.28 0.00	71.12 2.22 0.00	72.07 2.49 0.00	90.80 3.34 0.00	67.09 2.44 0.00	58.51 2.32 0.00	50.50 2.23 0.00	52.33 2.43 0.00	53.99 2.43 0.00	58.68 2.34 0.00	66.56 2.82 0.00	71.51 3.00 0.00	65.91 2.80 0.00	56.85 2.41 0.00	54.72 2.32 0.00	55.07 2.52 0.00	55.45 2.52 0.00	49.10 2.13 0.00
INDIAN POINT___2 23530	59.46 1.32 0.00	57.24 1.02 0.00	51.49 0.86 0.00	47.63 0.86 0.00	46.96 0.84 0.00	56.20 1.21 0.00	83.41 2.14 0.00	71.00 2.10 0.00	71.93 2.35 0.00	90.63 3.17 0.00	66.97 2.32 0.00	58.41 2.22 0.00	50.41 2.13 0.00	52.24 2.34 0.00	53.89 2.34 0.00	58.58 2.24 0.00	66.45 2.71 0.00	71.38 2.88 0.00	65.79 2.68 0.00	56.74 2.30 0.00	54.62 2.22 0.00	54.97 2.43 0.00	55.35 2.41 0.00	48.99 2.03 0.00
INDIAN POINT___3 23531	59.50 1.37 0.00	57.29 1.07 0.00	51.53 0.90 0.00	47.66 0.89 0.00	47.00 0.88 0.00	56.24 1.26 0.00	83.47 2.20 0.00	71.05 2.15 0.00	72.00 2.41 0.00	90.70 3.25 0.00	67.02 2.37 0.00	58.44 2.25 0.00	50.44 2.17 0.00	52.27 2.37 0.00	53.91 2.36 0.00	58.61 2.27 0.00	66.48 2.74 0.00	71.42 2.92 0.00	65.84 2.73 0.00	56.78 2.35 0.00	54.66 2.26 0.00	55.01 2.46 0.00	55.38 2.45 0.00	49.04 2.08 0.00
INGHAM_C_115KV_TB7 356103	59.80 1.66 0.00	57.82 1.60 0.00	52.14 1.51 0.00	48.18 1.41 0.00	47.51 1.39 0.00	56.83 1.85 0.00	84.12 2.85 0.00	71.70 2.80 0.00	72.21 2.62 0.00	90.35 2.90 0.00	66.55 1.90 0.00	57.92 1.73 0.00	49.95 1.67 0.00	51.55 1.65 0.00	53.33 1.78 0.00	58.22 1.88 0.00	65.71 1.97 0.00	70.99 2.48 0.00	65.65 2.54 0.00	56.74 2.30 0.00	54.82 2.42 0.00	55.13 2.58 0.00	55.38 2.44 0.00	49.00 2.03 0.00
IP CORINTH___1 23988	60.56 2.42 0.00	58.57 2.34 0.00	52.72 2.10 0.00	48.74 1.97 0.00	48.07 1.95 0.00	57.44 2.45 0.00	85.23 3.96 0.00	72.33 3.43 0.00	73.07 3.48 0.00	91.38 3.92 0.00	67.39 2.75 0.00	58.44 2.26 0.00	50.29 2.01 0.00	51.99 2.10 0.00	53.87 2.31 0.00	58.76 2.42 0.00	66.66 2.92 0.00	71.94 3.44 0.00	66.53 3.42 0.00	57.37 2.93 0.00	55.12 2.72 0.00	55.19 2.64 0.00	55.47 2.54 0.00	49.14 2.17 0.00
IP___TICONDEROGA 23804	63.26 5.13 0.00	61.05 4.83 0.00	55.04 4.41 0.00	50.95 4.18 0.00	50.28 4.16 0.00	60.17 5.18 0.00	89.54 8.27 0.00	75.78 6.88 0.00	76.54 6.96 0.00	94.17 6.71 0.00	69.12 4.48 0.00	59.64 3.45 0.00	51.21 2.93 0.00	53.03 3.14 0.00	55.22 3.67 0.00	59.92 3.58 0.00	69.07 5.33 0.00	75.13 6.63 0.00	69.88 6.77 0.00	60.19 5.75 0.00	57.34 4.94 0.00	57.22 4.67 0.00	57.66 4.72 0.00	51.11 4.14 0.00

ISLIP_RES_REC 323679	60.68 2.54 0.00	57.92 1.70 0.00	52.21 1.58 0.00	48.32 1.55 0.00	47.77 1.65 0.00	57.19 2.20 0.00	84.09 2.83 0.00	71.81 2.91 0.00	72.60 3.02 0.00	91.84 4.39 0.00	68.18 3.54 0.00	59.93 3.75 0.00	51.98 3.70 0.00	53.81 3.92 0.00	55.48 3.93 0.00	60.16 3.82 0.00	67.51 3.77 0.00	72.40 3.90 0.00	67.07 3.96 0.00	58.03 3.59 0.00	56.30 3.90 0.00	56.98 4.44 0.00	57.19 4.25 0.00	50.69 3.73 0.00
JAMAICA__27_KV_LOAD 355505	60.02 1.88 0.00	57.69 1.47 0.00	51.86 1.24 0.00	47.99 1.22 0.00	47.34 1.22 0.00	56.67 1.69 0.00	84.14 2.88 0.00	71.87 2.97 0.00	72.99 3.40 0.00	91.81 4.36 0.00	67.75 3.11 0.00	59.10 2.91 0.00	51.03 2.76 0.00	52.86 2.96 0.00	54.55 3.00 0.00	59.30 2.96 0.00	67.30 3.56 0.00	72.30 3.80 0.00	66.66 3.55 0.00	57.48 3.04 0.00	55.33 2.93 0.00	55.78 3.23 0.00	56.23 3.30 0.00	49.77 2.80 0.00
JANIS__SOLAR 323808	59.57 0.80 -0.64	58.17 0.66 -1.29	51.90 0.65 -0.63	48.38 0.63 -0.98	47.28 1.03 -0.12	57.61 1.39 -1.23	85.07 2.48 -1.33	72.03 2.31 -0.82	72.09 1.91 -0.59	90.32 1.85 -1.02	66.56 1.30 -0.62	56.92 0.73 0.00	48.53 0.25 0.00	50.19 0.29 0.00	51.98 0.43 0.00	57.16 0.81 0.00	64.81 1.07 0.00	69.94 1.20 -0.23	64.53 1.23 -0.19	55.26 0.72 -0.10	55.85 0.37 -3.08	55.59 0.11 -2.94	55.98 -0.08 -3.12	49.74 -0.22 -3.00
JARVIS____ 23743	58.15 0.02 0.00	56.24 0.02 0.00	50.67 0.04 0.00	46.77 0.00 0.00	46.12 0.00 0.00	55.03 0.05 0.00	81.38 0.12 0.00	69.03 0.13 0.00	69.72 0.14 0.00	87.63 0.18 0.00	64.79 0.14 0.00	56.34 0.16 0.00	48.42 0.14 0.00	50.04 0.14 0.00	51.70 0.15 0.00	56.46 0.12 0.00	63.86 0.11 0.00	68.66 0.15 0.00	63.24 0.13 0.00	54.56 0.12 0.00	52.48 0.08 0.00	52.64 0.10 0.00	53.00 0.06 0.00	47.00 0.04 0.00
JENNISON__1 23625	58.11 -0.03 0.00	56.11 -0.11 0.00	50.67 0.04 0.00	47.20 0.43 0.00	47.01 0.89 0.00	56.37 1.38 0.00	83.78 2.51 0.00	71.14 2.24 0.00	71.62 2.03 0.00	89.78 2.33 0.00	66.30 1.65 0.00	57.39 1.20 0.00	48.96 0.68 0.00	50.56 0.66 0.00	52.28 0.73 0.00	57.33 0.99 0.00	64.69 0.95 0.00	69.45 0.73 -0.22	63.84 0.73 0.00	54.91 0.37 -0.11	52.49 0.09 0.00	54.55 -0.02 -2.02	53.29 -0.24 -0.59	46.67 -0.30 0.00
JENNISON__2 23626	58.11 -0.03 0.00	56.11 -0.11 0.00	50.67 0.04 0.00	47.20 0.43 0.00	47.01 0.89 0.00	56.37 1.38 0.00	83.78 2.51 0.00	71.14 2.24 0.00	71.62 2.03 0.00	89.78 2.33 0.00	66.30 1.65 0.00	57.39 1.20 0.00	48.96 0.68 0.00	50.56 0.66 0.00	52.28 0.73 0.00	57.33 0.99 0.00	64.69 0.95 0.00	69.45 0.73 -0.22	63.84 0.73 0.00	54.91 0.37 -0.11	52.49 0.09 0.00	54.55 -0.02 -2.02	53.29 -0.24 -0.59	46.67 -0.30 0.00
JERICHO_RISE_WT_PWR 323719	59.00 0.86 0.00	57.19 0.96 0.00	51.44 0.81 0.00	47.55 0.78 0.00	46.95 0.83 0.00	55.67 0.69 0.00	82.12 0.85 0.00	69.49 0.59 0.00	70.13 0.55 0.00	88.00 0.54 0.00	64.94 0.29 0.00	56.45 0.26 0.00	48.37 0.09 0.00	49.83 -0.07 0.00	51.43 -0.11 0.00	56.36 0.02 0.00	63.97 0.23 0.00	68.94 0.44 0.00	63.59 0.48 0.00	54.73 0.29 0.00	52.50 0.10 0.00	52.73 0.18 0.00	53.37 0.44 0.00	47.30 0.34 0.00
KATONAH__115KV_46KV_TB4 355592	59.99 1.86 0.00	57.77 1.55 0.00	51.95 1.32 0.00	48.05 1.28 0.00	47.38 1.26 0.00	56.73 1.74 0.00	84.21 2.94 0.00	71.71 2.81 0.00	72.67 3.08 0.00	91.55 4.09 0.00	67.64 3.00 0.00	58.96 2.77 0.00	50.89 2.61 0.00	52.71 2.82 0.00	54.38 2.83 0.00	59.13 2.79 0.00	67.06 3.31 0.00	72.07 3.57 0.00	66.45 3.34 0.00	57.33 2.89 0.00	55.16 2.76 0.00	55.48 2.93 0.00	55.84 2.90 0.00	49.46 2.50 0.00
KCE_NY_1 323755	60.80 2.67 0.00	58.83 2.60 0.00	52.91 2.28 0.00	48.89 2.12 0.00	48.21 2.09 0.00	57.54 2.55 0.00	85.22 3.96 0.00	72.30 3.39 0.00	72.98 3.40 0.00	91.53 4.07 0.00	67.61 2.96 0.00	58.66 2.48 0.00	50.51 2.23 0.00	52.25 2.35 0.00	54.00 2.45 0.00	58.97 2.62 0.00	66.67 2.93 0.00	71.82 3.32 0.00	66.26 3.15 0.00	57.24 2.80 0.00	55.13 2.73 0.00	55.28 2.73 0.00	55.58 2.65 0.00	49.28 2.32 0.00
KCE_NY_6_ESR 323823	52.77 -2.53 2.83	47.94 -2.64 5.65	45.62 -2.23 2.77	40.42 -2.06 4.29	43.57 -2.01 0.54	46.44 -3.13 5.41	69.42 -6.02 5.83	59.51 -5.79 3.60	61.25 -5.74 2.59	75.50 -7.47 4.48	56.80 -5.10 2.75	51.16 -5.03 0.00	43.49 -4.79 0.00	44.67 -5.23 0.00	46.04 -5.51 0.00	50.76 -5.58 0.00	57.45 -6.29 0.00	59.64 -7.30 1.56	55.44 -6.76 0.91	47.83 -5.85 0.75	30.00 -5.55 16.85	26.02 -5.99 20.54	28.86 -5.68 18.40	25.85 -4.69 16.43
KEDC_PORT_JEFF_GT2 24210	60.38 2.25 0.00	57.66 1.44 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.54 1.41 0.00	56.88 1.90 0.00	83.64 2.37 0.00	71.40 2.50 0.00	72.20 2.62 0.00	91.29 3.83 0.00	67.79 3.15 0.00	59.59 3.40 0.00	51.67 3.39 0.00	53.50 3.61 0.00	55.16 3.61 0.00	59.79 3.45 0.00	67.12 3.38 0.00	71.97 3.47 0.00	66.67 3.57 0.00	57.69 3.25 0.00	55.96 3.56 0.00	56.65 4.11 0.00	56.88 3.94 0.00	50.44 3.47 0.00
KEDC_PORT_JEFF_GT3 24211	60.38 2.25 0.00	57.66 1.44 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.54 1.41 0.00	56.88 1.90 0.00	83.64 2.37 0.00	71.40 2.50 0.00	72.20 2.62 0.00	91.29 3.83 0.00	67.79 3.15 0.00	59.59 3.40 0.00	51.67 3.39 0.00	53.50 3.61 0.00	55.16 3.61 0.00	59.79 3.45 0.00	67.12 3.38 0.00	71.97 3.47 0.00	66.67 3.57 0.00	57.69 3.25 0.00	55.96 3.56 0.00	56.65 4.11 0.00	56.88 3.94 0.00	50.44 3.47 0.00
KEDC_GLWD_GT4 24219	60.24 2.10 0.00	57.88 1.65 0.00	52.07 1.44 0.00	48.14 1.37 0.00	47.52 1.39 0.00	56.84 1.85 0.00	84.15 2.88 0.00	71.32 2.42 0.00	72.29 2.70 0.00	91.12 3.67 0.00	67.49 2.85 0.00	59.03 2.85 0.00	51.35 3.07 0.00	53.16 3.26 0.00	54.77 3.22 0.00	59.15 2.81 0.00	66.85 3.11 0.00	71.84 3.33 0.00	66.32 3.21 0.00	57.23 2.79 0.00	55.19 2.79 0.00	55.78 3.23 0.00	56.14 3.20 0.00	49.85 2.88 0.00
KEDC_GLWD_GTS 24220	60.24 2.10 0.00	57.88 1.65 0.00	52.07 1.44 0.00	48.14 1.37 0.00	47.52 1.39 0.00	56.84 1.85 0.00	84.15 2.88 0.00	71.32 2.42 0.00	72.29 2.70 0.00	91.12 3.67 0.00	67.49 2.85 0.00	59.03 2.85 0.00	51.35 3.07 0.00	53.16 3.26 0.00	54.77 3.22 0.00	59.15 2.81 0.00	66.85 3.11 0.00	71.84 3.33 0.00	66.32 3.21 0.00	57.23 2.79 0.00	55.19 2.79 0.00	55.78 3.23 0.00	56.14 3.20 0.00	49.85 2.88 0.00
KENSICO____ 23655	59.75 1.62 0.00	57.52 1.29 0.00	51.74 1.11 0.00	47.85 1.08 0.00	47.18 1.06 0.00	56.49 1.50 0.00	83.82 2.55 0.00	71.39 2.50 0.00	72.34 2.76 0.00	91.15 3.70 0.00	67.36 2.71 0.00	58.75 2.56 0.00	50.71 2.44 0.00	52.54 2.64 0.00	54.20 2.65 0.00	58.92 2.57 0.00	66.80 3.06 0.00	71.77 3.27 0.00	66.16 3.05 0.00	57.06 2.62 0.00	54.93 2.53 0.00	55.28 2.74 0.00	55.67 2.73 0.00	49.30 2.34 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	60.42 2.29 0.00	58.22 2.00 0.00	52.38 1.76 0.00	48.45 1.68 0.00	47.78 1.66 0.00	57.22 2.23 0.00	85.05 3.78 0.00	72.34 3.44 0.00	73.14 3.56 0.00	92.11 4.65 0.00	68.05 3.40 0.00	59.24 3.05 0.00	51.01 2.74 0.00	52.78 2.88 0.00	54.44 2.89 0.00	59.21 2.87 0.00	67.23 3.49 0.00	72.30 3.80 0.00	66.67 3.57 0.00	57.57 3.13 0.00	55.38 2.98 0.00	55.63 3.08 0.00	55.93 3.00 0.00	49.50 2.54 0.00
KIAC_JFK_GT1 23816	59.64 1.50 0.00	57.34 1.12 0.00	51.55 0.93 0.00	47.70 0.93 0.00	47.05 0.93 0.00	56.26 1.27 0.00	83.31 2.04 0.00	71.14 2.24 0.00	72.27 2.68 0.00	90.94 3.48 0.00	67.08 2.44 0.00	58.53 2.34 0.00	50.55 2.27 0.00	52.36 2.46 0.00	54.03 2.48 0.00	58.73 2.38 0.00	66.67 2.92 0.00	71.59 3.09 0.00	66.00 2.89 0.00	56.91 2.48 0.00	54.80 2.40 0.00	55.39 2.85 0.00	55.88 2.95 0.00	49.48 2.52 0.00
KIAC_JFK_GT2 23817	59.64 1.50 0.00	57.34 1.12 0.00	51.55 0.93 0.00	47.70 0.93 0.00	47.05 0.93 0.00	56.26 1.27 0.00	83.31 2.04 0.00	71.14 2.24 0.00	72.27 2.68 0.00	90.94 3.48 0.00	67.08 2.44 0.00	58.53 2.34 0.00	50.55 2.27 0.00	52.36 2.46 0.00	54.03 2.48 0.00	58.73 2.38 0.00	66.67 2.92 0.00	71.59 3.09 0.00	66.00 2.89 0.00	56.91 2.48 0.00	54.80 2.40 0.00	55.39 2.85 0.00	55.88 2.95 0.00	49.48 2.52 0.00
KIAC_JFK____ 323774	59.64 1.50 0.00	57.33 1.11 0.00	51.56 0.93 0.00	47.70 0.93 0.00	47.05 0.93 0.00	56.26 1.27 0.00	83.30 2.04 0.00	71.12 2.22 0.00	72.26 2.67 0.00	90.93 3.47 0.00	67.08 2.43 0.00	58.53 2.34 0.00	50.55 2.27 0.00	52.36 2.46 0.00	54.03 2.49 0.00	58.73 2.39 0.00	66.67 2.92 0.00	71.59 3.09 0.00	66.01 2.90 0.00	56.91 2.47 0.00	54.80 2.40 0.00	55.40 2.85 0.00	55.87 2.93 0.00	49.46 2.50 0.00
KINTIGH_24_KV_GSU 356498	52.13 -3.79 2.22	47.96 -3.84 4.42	45.08 -3.37 2.17	40.26 -3.15 3.36	42.61 -3.10 0.42	46.41 -4.34 4.24	68.94 -7.77 4.56	58.82 -7.25 2.83	60.28 -7.27 2.03	74.65 -9.29 3.51	55.96 -6.57 2.12	50.03 -6.16 0.00	42.60 -5.68 0.00	43.77 -6.13 0.00	45.09 -6.46 0.00	49.67 -6.67 0.00	56.24 -7.50 0.00	58.81 -8.46 1.24	54.60 -7.84 0.67	47.28 -6.66 0.50	35.81 -6.21 10.38	32.69 -6.51 13.35	35.26 -6.14 11.53	31.77 -5.09 10.11
KINTIGH____ 23543	54.32 -3.81 0.00	52.35 -3.87 0.00	47.22 -3.41 0.00	43.61 -3.15 0.00	42.98 -3.14 0.00	50.63 -4.35 0.00	73.46 -7.81 0.00	61.55 -7.35 0.00	62.28 -7.30 0.00	78.13 -9.33 0.00	58.03 -6.62 0.00	50.00 -6.19 0.00	42.57 -5.70 0.00	43.76 -6.14 0.00	45.07 -6.48 0.00	49.65 -6.69 0.00	56.21 -7.53 0.00	59.58 -8.52 0.41	55.08 -7.88 0.15	47.24 -6.70 0.49	35.72 -6.30 10.38	32.59 -6.61 13.35	35.13 -6.27 11.53	31.65 -5.21 10.11
KNTFSRNC_46_KV_46KV_LOAD 80397	60.00 1.87 0.00	58.13 1.90 0.00	52.27 1.64 0.00	48.28 1.51 0.00	47.60 1.47 0.00	56.33 1.34 0.00	83.11 1.84 0.00	70.31 1.41 0.00	70.83 1.24 0.00	88.74 1.29 0.00	65.41 0.76 0.00	56.83 0.64 0.00	48.66 0.39 0.00	50.05 0.15 0.00	51.68 0.13 0.00	56.57 0.23 0.00	64.37 0.63 0.00	69.57 1.07 0.00	64.32 1.21 0.00	55.32 0.88 0.00	53.06 0.66 0.00	53.38 0.83 0.00	54.13 1.19 0.00	48.01 1.05 0.00
LACHUTE__HYDRO 323717	63.26 5.12 0.00	61.05 4.83 0.00	55.04 4.41 0.00	50.95 4.18 0.00	50.28 4.16 0.00	60.16 5.17 0.00	89.54 8.27 0.00	75.78 6.88 0.00	76.54 6.96 0.00	94.17 6.71 0.00	69.12 4.48 0.00	59.64 3.46 0.00	51.21 2.93 0.00	53.03 3.14 0.00	55.22 3.67 0.00	59.92 3.58 0.00	69.07 5.33 0.00	75.13 6.63 0.00	69.88 6.77 0.00	60.19 5.76 0.00	57.35 4.95 0.00	57.23 4.68 0.00	57.66 4.73 0.00	51.11 4.14 0.00
LAWRNCV_115KV_TB1 80681	59.48 1.35 0.00	57.66 1.44 0.00	51.82 1.20 0.00	47.99 1.22 0.00	47.35 1.22 0.00	56.31 1.32 0.00	83.05 1.78 0.00	70.19 1.29 0.00	70.48 0.90 0.00	88.06 0.61 0.00	64.92 0.27 0.00	56.30 0.11 0.00	48.12 -0.15 0.00	49.58 -0.32 0.00	51.39 -0.16 0.00	56.67 0.33 0.00	64.40 0.66 0.00	69.17 0.67 0.00	63.26 0.15 0.00	54.46 0.02 0.00	52.36 -0.04 0.00	52.49 -0.05 0.00	53.18 0.25 0.00	47.45 0.48 0.00
LEDERLE____ 23769	59.66 1.52 0.00	57.44 1.21 0.00	51.66 1.03 0.00	47.77 1.00 0.00	47.12 1.00 0.00	56.38 1.40 0.00	83.72 2.46 0.00	71.27 2.37 0.00	72.21 2.62 0.00	90.98 3.53 0.00	67.23 2.58 0.00	58.63 2.44 0.00	50.59 2.31 0.00	52.43 2.53 0.00	54.08 2.54 0.00	58.80 2.46 0.00	66.74 3.00 0.00	71.68 3.18 0.00	66.05 2.94 0.00	56.97 2.53 0.00	54.82 2.42 0.00	55.16 2.61 0.00	55.51 2.58 0.00	49.13 2.17 0.00
LIGHTHSE_115KV_TB6 355974	57.97 -0.17 0.00	56.10 -0.12 0.00	50.20 -0.43 0.00	46.20 -0.57 0.00	45.43 -0.70 0.00	54.85 -0.13 0.00	80.95 -0.32 0.00	67.97 -0.93 0.00	68.27 -1.32 0.00	85.03 -2.43 0.00	63.02 -1.63 0.00	54.35 -1.83 0.00	46.10 -2.18 0.00	47.42 -2.47 0.00	49.41 -2.14 0.00	55.18 -1.16 0.00	62.19 -1.55 0.00	67.30 -1.21 0.00	62.33 -0.78 0.00	53.55 -0.89 0.00	51.34 -1.06 0.00	51.14 -1.41 0.00	51.23 -1.71 0.00	45.24 -1.72 0.00
LINDEN COGEN____ 23786	59.65 1.51 0.00	57.37 1.15 0.00	51.59 0.96 0.00	47.73 0.96 0.00	47.10 0.97 0.00	56.35 1.36 0.00	83.70 2.43 0.00	71.37 2.47 0.00	72.38 2.79 0.00	91.23 3.77 0.00	67.38 2.74 0.00	58.80 2.61 0.00	50.75 2.47 0.00	52.59 2.69 0.00	54.25 2.70 0.00	58.96 2.62 0.00	66.90 3.16 0.00	71.86 3.36 0.00	66.21 3.10 0.00	57.08 2.64 0.00	54.93 2.53 0.00	55.32 2.77 0.00	55.73 2.80 0.00	49.34 2.38 0.00
LINDHRST_69_KV_BK1 356055	60.70 2.56 0.00	58.13 1.91 0.00	52.31 1.68 0.00	48.36 1.60 0.00	47.78 1.66 0.00	57.16 2.17 0.00	84.32 3.05 0.00	72.02 3.12 0.00	72.79 3.21 0.00	91.76 4.31 0.00	68.19 3.54 0.00	59.82 3.63 0.00	51.86 3.58 0.00	53.68 3.78 0.00	55.31 3.76 0.00	60.03 3.69 0.00	67.47 3.73 0.00	72.46 3.96 0.00	67.11 4.00 0.00	58.01 3.57 0.00	56.09 3.69 0.00	56.65 4.10 0.00	56.96 4.03 0.00	50.48 3.51 0.00
LIPA_MISC_IPP 23656	60.08 1.95 0.00	57.08 0.86 0.00	51.52 0.89 0.00	47.79 1.02 0.00	47.22 1.10 0.00	56.52 1.54 0.00	82.59 1.32 0.00	70.69 1.79 0.00	71.38 1.79 0.00	90.64 3.18 0.00	67.28 2.63 0.00	59.21 3.03 0.00	51.35 3.07 0.00	53.23 3.34 0.00	55.00 3.45 0.00	59.63 3.29 0.00	66.65 2.91 0.00	71.18 2.68 0.00	66.01 2.90 0.00	57.26 2.82 0.00	55.87 3.47 0.00	56.76 4.21 0.00	56.91 3.98 0.00	50.47 3.51 0.00
LISF__SOLAR 323691	60.16 2.02 0.00	57.20 0.97 0.00	51.62 0.99 0.00	47.88 1.11 0.00	47.32 1.19 0.00	56.63 1.65 0.00	82.76 1.49 0.00	70.76 1.86 0.00	71.52 1.94 0.00	90.80 3.34 0.00	67.41 2.76 0.00	59.33 3.15 0.00	51.44 3.16 0.00	53.31 3.41 0.00	55.09 3.54 0.00	59.72 3.38 0.00	66.80 3.06 0.00	71.36 2.86 0.00	66.17 3.06 0.00	57.38 2.94 0.00	55.98 3.58 0.00	56.86 4.31 0.00	57.02 4.08 0.00	50.54 3.58 0.00

LITTLE FALLS___HYD 24013	59.80 1.66 0.00	57.82 1.60 0.00	52.14 1.51 0.00	48.18 1.41 0.00	47.51 1.39 0.00	56.83 1.85 0.00	84.12 2.85 0.00	71.70 2.80 0.00	72.21 2.62 0.00	90.35 2.90 0.00	66.55 1.90 0.00	57.92 1.73 0.00	49.95 1.67 0.00	51.55 1.65 0.00	53.33 1.78 0.00	58.22 1.88 0.00	65.71 1.97 0.00	70.99 2.48 0.00	65.65 2.54 0.00	56.74 2.30 0.00	54.82 2.42 0.00	55.13 2.58 0.00	55.38 2.44 0.00	49.00 2.03 0.00
LITTLRIV_115KV_TB1 356100	60.20 2.06 0.00	58.38 2.15 0.00	52.46 1.84 0.00	48.63 1.86 0.00	48.03 1.91 0.00	57.10 2.12 0.00	84.33 3.06 0.00	71.28 2.38 0.00	71.28 1.69 0.00	88.67 1.21 0.00	65.07 0.42 0.00	56.37 0.18 0.00	48.22 -0.06 0.00	49.68 -0.22 0.00	51.47 -0.08 0.00	56.89 0.55 0.00	64.98 1.24 0.00	69.95 1.45 0.00	64.02 0.91 0.00	55.13 0.69 0.00	52.99 0.59 0.00	53.11 0.56 0.00	53.78 0.85 0.00	47.96 1.00 0.00
LI_NEWBRDGE___DRP 323616	59.78 1.64 0.00	57.34 1.11 0.00	51.61 0.98 0.00	47.73 0.96 0.00	47.12 1.00 0.00	56.35 1.36 0.00	83.26 1.99 0.00	71.06 2.17 0.00	71.88 2.29 0.00	90.64 3.18 0.00	67.23 2.59 0.00	58.90 2.72 0.00	51.03 2.75 0.00	52.82 2.92 0.00	54.42 2.87 0.00	59.03 2.69 0.00	66.51 2.77 0.00	71.48 2.98 0.00	66.09 2.98 0.00	57.07 2.63 0.00	55.12 2.73 0.00	55.64 3.10 0.00	55.98 3.04 0.00	49.63 2.66 0.00
LOCKPORT_115KV_TB60_63_64 80432	54.66 -3.47 0.00	52.69 -3.53 0.00	47.55 -3.08 0.00	43.92 -2.85 0.00	43.31 -2.81 0.00	50.61 -4.38 0.00	73.12 -8.14 0.00	61.04 -7.86 0.00	61.76 -7.83 0.00	77.46 -9.99 0.00	57.62 -7.03 0.00	49.49 -6.69 0.00	42.05 -6.23 0.00	43.11 -6.79 0.00	44.38 -7.18 0.00	49.04 -7.30 0.00	55.58 -8.16 0.00	58.74 -9.31 0.46	54.35 -8.58 0.18	46.55 -7.32 0.57	33.34 -6.55 12.51	30.02 -6.86 15.66	32.76 -6.40 13.78	29.52 -5.24 12.21
LOCKPORT___CC1 323769	52.32 -3.54 2.28	48.10 -3.57 4.56	45.28 -3.12 2.24	40.41 -2.90 3.46	42.85 -2.84 0.43	46.26 -4.37 4.36	68.43 -8.13 4.70	58.21 -7.77 2.91	59.69 -7.80 2.10	73.87 -9.97 3.62	55.44 -7.02 2.19	49.50 -6.68 0.00	42.07 -6.21 0.00	43.14 -6.76 0.00	44.41 -7.14 0.00	49.07 -7.27 0.00	55.59 -8.15 0.00	57.91 -9.28 1.31	53.78 -8.59 0.73	46.53 -7.29 0.61	32.46 -6.47 13.47	29.09 -6.80 16.65	31.79 -6.37 14.77	28.58 -5.24 13.14
LOCKPORT___CC2 323770	52.32 -3.54 2.28	48.10 -3.57 4.56	45.28 -3.12 2.24	40.41 -2.90 3.46	42.85 -2.84 0.43	46.26 -4.37 4.36	68.43 -8.13 4.70	58.21 -7.77 2.91	59.69 -7.80 2.10	73.87 -9.97 3.62	55.44 -7.02 2.19	49.50 -6.68 0.00	42.07 -6.21 0.00	43.14 -6.76 0.00	44.41 -7.14 0.00	49.07 -7.27 0.00	55.59 -8.15 0.00	57.91 -9.28 1.31	53.78 -8.59 0.73	46.53 -7.29 0.61	32.46 -6.47 13.47	29.09 -6.80 16.65	31.79 -6.37 14.77	28.58 -5.24 13.14
LOCKPORT___CC3 323771	52.32 -3.54 2.28	48.10 -3.57 4.56	45.28 -3.12 2.24	40.41 -2.90 3.46	42.85 -2.84 0.43	46.26 -4.37 4.36	68.43 -8.13 4.70	58.21 -7.77 2.91	59.69 -7.80 2.10	73.87 -9.97 3.62	55.44 -7.02 2.19	49.50 -6.68 0.00	42.07 -6.21 0.00	43.14 -6.76 0.00	44.41 -7.14 0.00	49.07 -7.27 0.00	55.59 -8.15 0.00	57.91 -9.28 1.31	53.78 -8.59 0.73	46.53 -7.29 0.61	32.46 -6.47 13.47	29.09 -6.80 16.65	31.79 -6.37 14.77	28.58 -5.24 13.14
LOCUSVLY_69_KV_BK2 55797	60.41 2.28 0.00	57.98 1.75 0.00	52.18 1.55 0.00	48.27 1.50 0.00	47.65 1.53 0.00	56.98 1.99 0.00	84.31 3.04 0.00	71.82 2.92 0.00	72.67 3.08 0.00	91.64 4.19 0.00	67.91 3.27 0.00	59.43 3.25 0.00	51.55 3.27 0.00	53.36 3.46 0.00	54.97 3.42 0.00	59.58 3.24 0.00	67.19 3.45 0.00	72.23 3.72 0.00	66.73 3.63 0.00	57.62 3.18 0.00	55.57 3.17 0.00	56.10 3.55 0.00	56.45 3.51 0.00	50.07 3.11 0.00
LONG_LAKE_PHOENIX 24014	55.91 -2.23 0.00	54.02 -2.20 0.00	48.62 -2.01 0.00	44.89 -1.87 0.00	44.30 -1.83 0.00	52.87 -2.12 0.00	78.16 -3.11 0.00	66.26 -2.64 0.00	66.92 -2.67 0.00	83.98 -3.47 0.00	62.08 -2.57 0.00	53.82 -2.37 0.00	46.17 -2.11 0.00	47.71 -2.18 0.00	49.33 -2.22 0.00	54.02 -2.32 0.00	61.16 -2.58 0.00	65.78 -2.72 0.00	60.63 -2.48 0.00	52.29 -2.15 0.00	50.33 -2.07 0.00	50.44 -2.11 0.00	50.78 -2.15 0.00	45.02 -1.94 0.00
LOVETT___3 23632	59.39 1.26 0.00	57.19 0.96 0.00	51.44 0.82 0.00	47.58 0.81 0.00	46.91 0.79 0.00	56.14 1.16 0.00	83.31 2.04 0.00	70.89 1.99 0.00	71.82 2.23 0.00	90.48 3.03 0.00	66.84 2.20 0.00	58.30 2.11 0.00	50.32 2.04 0.00	52.14 2.24 0.00	53.78 2.23 0.00	58.47 2.12 0.00	66.33 2.59 0.00	71.27 2.76 0.00	65.67 2.57 0.00	56.64 2.21 0.00	54.51 2.11 0.00	54.86 2.32 0.00	55.24 2.31 0.00	48.91 1.95 0.00
LOVETT___4 23642	59.39 1.26 0.00	57.19 0.96 0.00	51.44 0.82 0.00	47.58 0.81 0.00	46.91 0.79 0.00	56.14 1.16 0.00	83.31 2.04 0.00	70.89 1.99 0.00	71.82 2.23 0.00	90.48 3.03 0.00	66.84 2.20 0.00	58.30 2.11 0.00	50.32 2.04 0.00	52.14 2.24 0.00	53.78 2.23 0.00	58.47 2.12 0.00	66.33 2.59 0.00	71.27 2.76 0.00	65.67 2.57 0.00	56.64 2.21 0.00	54.51 2.11 0.00	54.86 2.32 0.00	55.24 2.31 0.00	48.91 1.95 0.00
LOVETT___5 23593	59.39 1.26 0.00	57.19 0.96 0.00	51.44 0.82 0.00	47.58 0.81 0.00	46.91 0.79 0.00	56.14 1.16 0.00	83.31 2.04 0.00	70.89 1.99 0.00	71.82 2.23 0.00	90.48 3.03 0.00	66.84 2.20 0.00	58.30 2.11 0.00	50.32 2.04 0.00	52.14 2.24 0.00	53.78 2.23 0.00	58.47 2.12 0.00	66.33 2.59 0.00	71.27 2.76 0.00	65.67 2.57 0.00	56.64 2.21 0.00	54.51 2.11 0.00	54.86 2.32 0.00	55.24 2.31 0.00	48.91 1.95 0.00
LOWER RAQUET___HYD 24057	59.56 1.42 0.00	57.72 1.50 0.00	51.87 1.25 0.00	48.03 1.26 0.00	47.37 1.24 0.00	56.39 1.40 0.00	83.16 1.89 0.00	70.25 1.35 0.00	70.49 0.91 0.00	88.01 0.56 0.00	64.85 0.20 0.00	56.22 0.03 0.00	48.05 -0.23 0.00	49.48 -0.42 0.00	51.29 -0.26 0.00	56.63 0.28 0.00	64.37 0.63 0.00	69.11 0.61 0.00	63.14 0.03 0.00	54.35 -0.09 0.00	52.23 -0.17 0.00	52.40 -0.14 0.00	53.12 0.18 0.00	47.41 0.45 0.00
LOWER___HUDSON 24059	60.26 2.12 0.00	58.29 2.07 0.00	52.45 1.82 0.00	48.49 1.72 0.00	47.78 1.65 0.00	56.95 1.96 0.00	84.17 2.90 0.00	71.50 2.60 0.00	72.09 2.50 0.00	90.61 3.15 0.00	66.90 2.25 0.00	58.16 1.98 0.00	50.14 1.86 0.00	51.89 2.00 0.00	53.50 1.95 0.00	58.26 1.92 0.00	65.92 2.18 0.00	70.96 2.45 0.00	65.51 2.40 0.00	56.59 2.16 0.00	54.52 2.12 0.00	54.75 2.20 0.00	55.08 2.15 0.00	48.82 1.86 0.00
LOWVILLE_115KV_TB2 356335	59.49 1.35 0.00	57.70 1.48 0.00	51.53 0.90 0.00	47.22 0.45 0.00	46.45 0.33 0.00	56.22 1.23 0.00	82.80 1.53 0.00	69.18 0.27 0.00	69.62 0.04 0.00	86.76 -0.69 0.00	64.55 -0.09 0.00	55.78 -0.40 0.00	47.14 -1.14 0.00	48.40 -1.50 0.00	50.48 -1.07 0.00	56.55 0.21 0.00	63.38 -0.37 0.00	68.63 0.13 0.00	63.47 0.36 0.00	54.51 0.07 0.00	52.14 -0.26 0.00	51.87 -0.68 0.00	51.93 -1.00 0.00	45.95 -1.01 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	60.74 2.61 0.00	58.76 2.54 0.00	52.88 2.26 0.00	48.87 2.10 0.00	48.18 2.06 0.00	57.51 2.52 0.00	85.15 3.87 0.00	72.28 3.38 0.00	72.92 3.34 0.00	91.48 4.03 0.00	67.53 2.88 0.00	58.62 2.44 0.00	50.48 2.21 0.00	52.22 2.32 0.00	53.96 2.41 0.00	58.89 2.55 0.00	66.60 2.85 0.00	71.75 3.25 0.00	66.26 3.15 0.00	57.19 2.76 0.00	55.08 2.68 0.00	55.23 2.69 0.00	55.54 2.60 0.00	49.23 2.27 0.00
LUTHERNY_35_KV_BK2 355980	60.81 2.67 0.00	58.83 2.60 0.00	52.91 2.28 0.00	48.89 2.12 0.00	48.21 2.09 0.00	57.53 2.55 0.00	85.22 3.96 0.00	72.30 3.40 0.00	72.98 3.40 0.00	91.53 4.08 0.00	67.61 2.96 0.00	58.66 2.48 0.00	50.51 2.23 0.00	52.25 2.35 0.00	54.00 2.45 0.00	58.97 2.62 0.00	66.67 2.93 0.00	71.83 3.32 0.00	66.26 3.15 0.00	57.24 2.81 0.00	55.13 2.73 0.00	55.28 2.73 0.00	55.58 2.65 0.00	49.28 2.31 0.00
LWR__OSWEGATCHIE_HYD 23850	59.39 1.26 0.00	57.58 1.35 0.00	51.56 0.93 0.00	47.52 0.75 0.00	46.79 0.67 0.00	56.18 1.19 0.00	82.78 1.51 0.00	69.54 0.64 0.00	69.79 0.21 0.00	86.93 -0.52 0.00	64.38 -0.27 0.00	55.67 -0.51 0.00	47.28 -1.00 0.00	48.62 -1.28 0.00	50.57 -0.98 0.00	56.35 0.01 0.00	63.49 -0.25 0.00	68.48 -0.02 0.00	62.95 -0.16 0.00	54.09 -0.34 0.00	51.87 -0.53 0.00	51.85 -0.69 0.00	52.35 -0.58 0.00	46.51 -0.46 0.00
LYONS_FALL_HYD 23570	59.43 1.30 0.00	57.57 1.34 0.00	51.57 0.94 0.00	47.39 0.62 0.00	46.66 0.54 0.00	56.21 1.22 0.00	82.97 1.70 0.00	69.72 0.82 0.00	70.22 0.64 0.00	87.76 0.31 0.00	65.11 0.46 0.00	56.33 0.15 0.00	47.86 -0.42 0.00	49.28 -0.61 0.00	51.28 -0.27 0.00	56.94 0.60 0.00	64.09 0.35 0.00	69.24 0.73 0.00	63.95 0.84 0.00	55.01 0.57 0.00	52.69 0.29 0.00	52.55 0.01 0.00	52.72 -0.22 0.00	46.66 -0.31 0.00
MADISON__COUNTY_LFGE 323628	59.24 1.11 0.00	57.30 1.07 0.00	51.56 0.93 0.00	47.55 0.78 0.00	46.94 0.81 0.00	56.19 1.21 0.00	83.23 1.96 0.00	70.45 1.55 0.00	71.00 1.42 0.00	88.96 1.51 0.00	65.74 1.10 0.00	56.96 0.77 0.00	48.65 0.37 0.00	50.30 0.40 0.00	52.22 0.68 0.00	57.31 0.97 0.00	64.98 1.24 0.00	70.06 1.55 0.00	64.56 1.45 0.00	55.64 1.21 0.00	53.38 0.98 0.00	53.40 0.85 0.00	53.67 0.73 0.00	47.50 0.53 0.00
MALONE__115KV_TB1 356076	60.16 2.03 0.00	58.30 2.08 0.00	52.41 1.79 0.00	48.54 1.77 0.00	47.87 1.75 0.00	56.85 1.87 0.00	83.90 2.64 0.00	71.02 2.13 0.00	71.37 1.79 0.00	89.21 1.76 0.00	65.84 1.19 0.00	57.10 0.92 0.00	48.84 0.56 0.00	50.25 0.35 0.00	51.89 0.34 0.00	57.03 0.69 0.00	65.06 1.32 0.00	70.13 1.62 0.00	64.61 1.50 0.00	55.61 1.17 0.00	53.37 0.98 0.00	53.55 1.00 0.00	54.12 1.19 0.00	48.08 1.12 0.00
MAPLEWOD_115KV_TB3 80458	60.20 2.07 0.00	58.27 2.05 0.00	52.48 1.85 0.00	48.47 1.70 0.00	47.75 1.63 0.00	56.93 1.95 0.00	84.17 2.90 0.00	71.47 2.57 0.00	72.14 2.56 0.00	90.76 3.30 0.00	66.99 2.35 0.00	58.30 2.11 0.00	50.28 2.00 0.00	52.02 2.13 0.00	53.64 2.09 0.00	58.48 2.14 0.00	66.89 3.14 0.00	71.92 3.42 0.00	66.14 3.04 0.00	57.12 2.68 0.00	54.55 2.15 0.00	54.78 2.23 0.00	55.10 2.17 0.00	48.83 1.87 0.00
MAPLE_RIDGE_WT_1 323574	56.86 -1.28 0.00	55.07 -1.15 0.00	49.86 -0.77 0.00	45.74 -1.03 0.00	45.22 -0.90 0.00	54.05 -0.94 0.00	79.98 -1.28 0.00	67.70 -1.20 0.00	68.58 -1.01 0.00	86.55 -0.90 0.00	64.28 -0.37 0.00	55.97 -0.22 0.00	47.94 -0.34 0.00	49.27 -0.63 0.00	50.78 -0.77 0.00	55.41 -0.93 0.00	62.72 -1.02 0.00	67.38 -1.13 0.00	61.44 -1.67 0.00	52.52 -1.92 0.00	49.95 -2.45 0.00	50.03 -2.52 0.00	50.50 -2.44 0.00	44.68 -2.28 0.00
MAPLE_RIDGE_WT_2 323611	56.86 -1.28 0.00	55.07 -1.15 0.00	49.86 -0.77 0.00	45.74 -1.03 0.00	45.22 -0.90 0.00	54.05 -0.94 0.00	79.98 -1.28 0.00	67.70 -1.20 0.00	68.58 -1.01 0.00	86.55 -0.90 0.00	64.28 -0.37 0.00	55.97 -0.22 0.00	47.94 -0.34 0.00	49.27 -0.63 0.00	50.78 -0.77 0.00	55.41 -0.93 0.00	62.72 -1.02 0.00	67.38 -1.13 0.00	61.44 -1.67 0.00	52.52 -1.92 0.00	49.95 -2.45 0.00	50.03 -2.52 0.00	50.50 -2.44 0.00	44.68 -2.28 0.00
MARBLE_RIVER_WT_PWR 323696	58.96 0.83 0.00	57.16 0.93 0.00	51.42 0.80 0.00	47.52 0.75 0.00	46.91 0.78 0.00	55.59 0.60 0.00	81.99 0.72 0.00	69.37 0.47 0.00	70.03 0.44 0.00	87.88 0.43 0.00	64.85 0.21 0.00	56.38 0.20 0.00	48.32 0.04 0.00	49.78 -0.12 0.00	51.41 -0.14 0.00	56.30 -0.04 0.00	63.87 0.12 0.00	68.84 0.33 0.00	63.52 0.41 0.00	54.65 0.22 0.00	52.43 0.03 0.00	52.69 0.15 0.00	53.33 0.40 0.00	47.28 0.32 0.00
MARSHVLE_115KV_TB1 80742	59.39 1.25 0.00	57.50 1.28 0.00	51.83 1.20 0.00	47.82 1.05 0.00	47.25 1.13 0.00	56.44 1.45 0.00	83.60 2.33 0.00	70.82 1.92 0.00	71.34 1.76 0.00	89.10 1.64 0.00	65.68 1.04 0.00	56.84 0.65 0.00	48.66 0.38 0.00	50.09 0.19 0.00	52.11 0.56 0.00	57.21 0.87 0.00	64.95 1.20 0.00	70.20 1.69 0.00	64.78 1.67 0.00	55.74 1.30 0.00	53.59 1.19 0.00	53.73 1.18 0.00	53.96 1.02 0.00	47.79 0.83 0.00
MARSH_HILL_WT_PWR 323713	57.48 -1.33 -0.67	56.12 -1.44 -1.33	50.13 -1.15 -0.65	46.79 -0.99 -1.01	45.52 -0.73 -0.13	54.95 -1.32 -1.28	79.67 -2.98 -1.38	66.93 -2.82 -0.85	66.98 -3.22 -0.62	83.75 -4.77 -1.06	61.88 -3.40 -0.63	52.61 -3.58 0.00	45.15 -3.13 0.00	46.44 -3.45 0.00	48.18 -3.37 0.00	52.98 -3.36 0.00	59.57 -4.18 0.00	62.98 -4.78 0.75	59.27 -4.56 -0.72	51.32 -4.26 -1.14	98.67 -4.30 -50.57	88.37 -5.17 -40.99	96.03 -5.43 -48.53	90.24 -5.05 -48.32
MCINTYRE_115KV_TB2 80467	60.64 2.51 0.00	58.78 2.55 0.00	52.87 2.24 0.00	49.02 2.25 0.00	48.38 2.26 0.00	57.49 2.51 0.00	84.89 3.62 0.00	71.67 2.77 0.00	71.60 2.01 0.00	89.08 1.63 0.00	65.25 0.61 0.00	56.53 0.34 0.00	48.41 0.13 0.00	49.87 -0.03 0.00	51.69 0.13 0.00	57.07 0.73 0.00	65.46 1.72 0.00	70.62 2.12 0.00	64.80 1.69 0.00	55.81 1.38 0.00	53.66 1.26 0.00	53.71 1.17 0.00	54.29 1.36 0.00	48.40 1.44 0.00
MECO____69_KV_BK1 80468	60.73 2.60 0.00	58.75 2.53 0.00	52.90 2.28 0.00	48.83 2.06 0.00	48.19 2.07 0.00	57.64 2.65 0.00	85.49 4.22 0.00	72.56 3.66 0.00	72.94 3.35 0.00	90.92 3.46 0.00	66.90 2.26 0.00	57.86 1.67 0.00	49.73 1.45 0.00	51.03 1.13 0.00	53.37 1.82 0.00	58.64 2.30 0.00	66.45 2.71 0.00	71.99 3.49 0.00	66.47 3.36 0.00	57.24 2.81 0.00	55.11 2.71 0.00	55.19 2.64 0.00	55.41 2.47 0.00	49.04 2.07 0.00
MENANDS__115KV_TB5 355628	60.08 1.94 0.00	58.16 1.94 0.00	52.38 1.76 0.00	48.38 1.62 0.00	47.66 1.53 0.00	56.80 1.81 0.00	83.94 2.67 0.00	71.29 2.39 0.00	71.94 2.35 0.00	90.52 3.07 0.00	66.86 2.21 0.00	58.20 2.02 0.00	50.21 1.93 0.00	51.95 2.05 0.00	53.56 2.01 0.00	58.32 1.98 0.00	66.21 2.47 0.00	71.16 2.65 0.00	65.59 2.48 0.00	56.65 2.22 0.00	54.43 2.03 0.00	54.67 2.13 0.00	54.99 2.06 0.00	48.75 1.79 0.00

MG INDUSTRY___DRP 24185	59.86 1.72 0.00	57.95 1.72 0.00	52.20 1.57 0.00	48.21 1.44 0.00	47.49 1.37 0.00	56.64 1.65 0.00	83.70 2.44 0.00	70.99 2.09 0.00	71.65 2.07 0.00	90.08 2.62 0.00	66.55 1.91 0.00	57.93 1.75 0.00	49.90 1.62 0.00	51.62 1.72 0.00	53.29 1.74 0.00	58.14 1.80 0.00	65.78 2.04 0.00	70.69 2.19 0.00	65.16 2.05 0.00	56.29 1.85 0.00	54.19 1.79 0.00	54.39 1.85 0.00	54.74 1.81 0.00	48.56 1.59 0.00
MID___OSWEGATCHIE_HYD 23849	59.39 1.26 0.00	57.58 1.35 0.00	51.56 0.93 0.00	47.52 0.75 0.00	46.79 0.67 0.00	56.18 1.19 0.00	82.78 1.51 0.00	69.54 0.64 0.00	69.79 0.21 0.00	86.93 -0.52 0.00	64.38 -0.27 0.00	55.67 -0.51 0.00	47.28 -1.00 0.00	48.62 -1.28 0.00	50.57 -0.98 0.00	56.35 0.01 0.00	63.49 -0.25 0.00	68.48 -0.02 0.00	62.95 -0.16 0.00	54.09 -0.34 0.00	51.87 -0.53 0.00	51.85 -0.69 0.00	52.35 -0.58 0.00	46.51 -0.46 0.00
MID___RAQUETTE_HYD 23851	59.55 1.41 0.00	57.72 1.50 0.00	51.87 1.24 0.00	48.02 1.25 0.00	47.37 1.25 0.00	56.39 1.40 0.00	83.16 1.89 0.00	70.25 1.36 0.00	70.49 0.91 0.00	88.01 0.56 0.00	64.85 0.20 0.00	56.22 0.03 0.00	48.05 -0.23 0.00	49.47 -0.42 0.00	51.29 -0.27 0.00	56.62 0.28 0.00	64.37 0.63 0.00	69.12 0.62 0.00	63.14 0.03 0.00	54.35 -0.09 0.00	52.24 -0.15 0.00	52.40 -0.14 0.00	53.13 0.19 0.00	47.42 0.46 0.00
MILLIKEN___1 23584	58.27 0.13 0.00	56.21 -0.02 0.00	50.68 0.05 0.00	46.78 0.01 0.00	46.25 0.12 0.00	55.26 0.27 0.00	81.72 0.45 0.00	69.22 0.32 0.00	69.84 0.26 0.00	87.61 0.15 0.00	64.61 -0.03 0.00	55.95 -0.23 0.00	47.99 -0.29 0.00	49.61 -0.28 0.00	51.28 -0.28 0.00	56.20 -0.14 0.00	63.66 -0.08 0.00	68.26 -0.06 0.18	63.19 0.03 -0.05	54.43 -0.03 -0.02	55.74 -0.13 -3.47	53.87 -0.27 -1.60	55.61 -0.34 -3.01	49.93 -0.42 -3.38
MILLIKEN___2 23585	58.27 0.13 0.00	56.21 -0.02 0.00	50.68 0.05 0.00	46.78 0.01 0.00	46.25 0.12 0.00	55.26 0.27 0.00	81.72 0.45 0.00	69.22 0.32 0.00	69.84 0.26 0.00	87.61 0.15 0.00	64.61 -0.03 0.00	55.95 -0.23 0.00	47.99 -0.29 0.00	49.61 -0.28 0.00	51.28 -0.28 0.00	56.20 -0.14 0.00	63.66 -0.08 0.00	68.26 -0.06 0.18	63.19 0.03 -0.05	54.43 -0.03 -0.02	55.74 -0.13 -3.47	53.87 -0.27 -1.60	55.61 -0.34 -3.01	49.93 -0.42 -3.38
MILLIKEN___DIESEL 23629	58.27 0.13 0.00	56.21 -0.02 0.00	50.68 0.05 0.00	46.78 0.01 0.00	46.25 0.12 0.00	55.26 0.27 0.00	81.72 0.45 0.00	69.22 0.32 0.00	69.84 0.26 0.00	87.61 0.15 0.00	64.61 -0.03 0.00	55.95 -0.23 0.00	47.99 -0.29 0.00	49.61 -0.28 0.00	51.28 -0.28 0.00	56.20 -0.14 0.00	63.66 -0.08 0.00	68.26 -0.06 0.18	63.19 0.03 -0.05	54.43 -0.03 -0.02	55.74 -0.13 -3.47	53.87 -0.27 -1.60	55.61 -0.34 -3.01	49.93 -0.42 -3.38
MILLSEAT___LFGE 323607	53.95 -2.15 2.03	49.93 -2.24 4.05	46.69 -1.95 1.99	41.86 -1.83 3.08	43.99 -1.75 0.38	48.22 -2.88 3.88	71.57 -5.51 4.18	60.95 -5.36 2.59	62.29 -5.43 1.86	77.19 -7.05 3.22	57.68 -5.02 1.95	51.12 -5.07 0.00	43.35 -4.93 0.00	44.44 -5.45 0.00	45.75 -5.79 0.00	50.73 -5.61 0.00	57.68 -6.06 0.00	60.45 -6.87 1.18	56.20 -6.28 0.63	48.61 -5.33 0.50	37.45 -4.65 10.30	34.23 -5.02 13.30	36.79 -4.68 11.47	33.01 -3.90 10.05
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	59.64 1.50 0.00	57.41 1.19 0.00	51.64 1.01 0.00	47.76 0.99 0.00	47.10 0.97 0.00	56.38 1.39 0.00	83.66 2.40 0.00	71.23 2.34 0.00	72.18 2.59 0.00	90.94 3.49 0.00	67.19 2.54 0.00	58.60 2.41 0.00	50.57 2.29 0.00	52.40 2.50 0.00	54.05 2.51 0.00	58.76 2.42 0.00	66.64 2.90 0.00	71.59 3.09 0.00	66.01 2.90 0.00	56.94 2.51 0.00	54.79 2.39 0.00	55.15 2.60 0.00	55.52 2.59 0.00	49.18 2.21 0.00
MILLWOOD_13_KV_LOAD 356217	59.76 1.63 0.00	57.55 1.32 0.00	51.75 1.12 0.00	47.86 1.09 0.00	47.21 1.08 0.00	56.49 1.51 0.00	83.87 2.61 0.00	71.39 2.50 0.00	72.35 2.77 0.00	91.15 3.69 0.00	67.34 2.69 0.00	58.74 2.55 0.00	50.70 2.42 0.00	52.52 2.63 0.00	54.19 2.64 0.00	58.91 2.57 0.00	66.81 3.07 0.00	71.79 3.29 0.00	66.17 3.06 0.00	57.07 2.63 0.00	54.93 2.53 0.00	55.28 2.73 0.00	55.66 2.72 0.00	49.28 2.31 0.00
MODEL_CITY_ENERGY 24167	51.64 -4.08 2.42	47.37 -4.02 4.82	44.72 -3.54 2.37	39.83 -3.28 3.66	42.45 -3.22 0.46	45.38 -4.99 4.62	67.11 -9.19 4.98	57.05 -8.77 3.08	58.59 -8.77 2.22	72.44 -11.19 3.83	54.46 -7.87 2.32	48.79 -7.40 0.00	41.47 -6.80 0.00	42.50 -7.39 0.00	43.76 -7.79 0.00	48.34 -8.00 0.00	54.74 -9.00 0.00	56.91 -10.23 1.36	52.88 -9.47 0.76	45.80 -8.02 0.61	32.28 -6.88 13.25	28.88 -7.17 16.49	31.66 -6.72 14.56	28.52 -5.51 12.93
MODERN_LFGE___ 323580	51.64 -4.08 2.42	47.37 -4.02 4.82	44.72 -3.54 2.37	39.83 -3.28 3.66	42.45 -3.22 0.46	45.38 -4.99 4.62	67.11 -9.19 4.98	57.05 -8.77 3.08	58.59 -8.77 2.22	72.44 -11.19 3.83	54.46 -7.87 2.32	48.79 -7.40 0.00	41.47 -6.80 0.00	42.50 -7.39 0.00	43.76 -7.79 0.00	48.34 -8.00 0.00	54.74 -9.00 0.00	56.91 -10.23 1.36	52.88 -9.47 0.76	45.80 -8.02 0.61	32.28 -6.88 13.25	28.88 -7.17 16.49	31.66 -6.72 14.56	28.52 -5.51 12.93
MOHAWK_PAPER___DRP 24187	60.20 2.07 0.00	58.27 2.05 0.00	52.48 1.85 0.00	48.47 1.70 0.00	47.75 1.63 0.00	56.93 1.95 0.00	84.17 2.90 0.00	71.47 2.57 0.00	72.14 2.56 0.00	90.76 3.30 0.00	66.99 2.35 0.00	58.30 2.11 0.00	50.28 2.00 0.00	52.02 2.13 0.00	53.64 2.09 0.00	58.48 2.14 0.00	66.89 3.14 0.00	71.92 3.42 0.00	66.14 3.04 0.00	57.12 2.68 0.00	54.55 2.15 0.00	54.78 2.23 0.00	55.10 2.17 0.00	48.83 1.87 0.00
MOHICAN_35_KV_115KV_LD 80490	61.06 2.93 0.00	59.06 2.84 0.00	53.17 2.54 0.00	49.14 2.37 0.00	48.48 2.36 0.00	57.92 2.94 0.00	85.92 4.65 0.00	72.90 4.00 0.00	73.63 4.05 0.00	92.03 4.58 0.00	67.87 3.23 0.00	58.84 2.66 0.00	50.63 2.35 0.00	52.35 2.45 0.00	54.23 2.68 0.00	59.13 2.79 0.00	67.16 3.42 0.00	72.49 3.99 0.00	67.04 3.93 0.00	57.82 3.38 0.00	55.54 3.14 0.00	55.61 3.06 0.00	55.91 2.98 0.00	49.52 2.56 0.00
MONGAUP___HYD 23641	59.79 1.66 0.00	57.64 1.42 0.00	51.85 1.22 0.00	47.95 1.18 0.00	47.37 1.25 0.00	56.70 1.72 0.00	84.27 3.01 0.00	71.67 2.77 0.00	72.46 2.87 0.00	91.07 3.62 0.00	67.22 2.57 0.00	58.48 2.29 0.00	50.42 2.14 0.00	52.18 2.29 0.00	53.86 2.31 0.00	58.73 2.39 0.00	66.72 2.98 0.00	71.81 3.30 0.00	66.29 3.18 0.00	57.18 2.75 0.00	55.02 2.62 0.00	55.27 2.72 0.00	55.57 2.64 0.00	49.18 2.22 0.00
MONTAUK___DIESEL 23721	59.10 0.96 0.00	56.01 -0.22 0.00	50.58 -0.05 0.00	46.94 0.17 0.00	46.43 0.31 0.00	55.63 0.64 0.00	81.25 -0.01 0.00	69.64 0.75 0.00	70.24 0.66 0.00	89.32 1.87 0.00	66.28 1.64 0.00	58.41 2.22 0.00	50.57 2.29 0.00	52.43 2.54 0.00	54.25 2.70 0.00	58.86 2.52 0.00	65.80 2.06 0.00	70.27 1.76 0.00	65.28 2.17 0.00	57.02 2.58 0.00	56.49 4.10 0.00	57.96 5.41 0.00	57.81 4.87 0.00	50.47 3.51 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	56.75 -1.39 0.00	54.29 -1.93 0.00	49.64 -0.99 0.00	45.97 -0.80 0.00	45.30 -0.82 0.00	53.48 -1.51 0.00	78.11 -3.16 0.00	65.26 -3.64 0.00	65.98 -3.60 0.00	82.70 -4.75 0.00	61.56 -3.09 0.00	52.67 -3.51 0.00	44.51 -3.77 0.00	45.87 -4.03 0.00	47.38 -4.17 0.00	51.77 -4.58 0.00	58.92 -4.83 0.00	62.52 -5.43 0.55	57.26 -5.66 0.19	47.62 -6.18 0.64	13.47 -6.60 32.33	19.11 -7.06 26.38	26.72 -6.95 19.27	28.29 -6.10 12.57
MORRIS_RIDGE___SOLAR 323848	55.99 -2.15 0.00	53.96 -2.26 0.00	48.77 -1.86 0.00	45.13 -1.64 0.00	44.61 -1.51 0.00	52.66 -2.32 0.00	76.78 -4.49 0.00	64.67 -4.22 0.00	65.10 -4.49 0.00	81.30 -6.09 0.06	60.07 -4.30 0.28	51.85 -4.34 0.00	44.31 -3.97 0.00	45.54 -4.36 0.00	47.15 -4.41 0.00	51.70 -4.64 0.00	58.45 -5.29 0.00	61.70 -5.98 0.83	56.37 -5.56 1.17	46.85 -5.03 2.56	-27.00 -4.97 74.42	-30.11 -5.49 77.17	-29.89 -5.56 77.27	-30.48 -4.92 72.52
MORTIMER_115KV_TB3 55949	56.39 -1.75 0.00	54.36 -1.86 0.00	48.98 -1.65 0.00	45.23 -1.54 0.00	44.65 -1.48 0.00	53.03 -1.96 0.00	77.88 -3.39 0.00	65.74 -3.16 0.00	66.45 -3.13 0.00	83.38 -4.07 0.00	61.74 -2.90 0.00	53.30 -2.89 0.00	45.53 -2.75 0.00	46.90 -2.99 0.00	48.39 -3.16 0.00	53.18 -3.16 0.00	60.30 -3.45 0.00	64.41 -3.85 0.25	59.57 -3.54 0.00	51.29 -3.02 0.13	49.48 -2.93 0.00	46.97 -3.17 2.41	49.17 -3.07 0.70	44.33 -2.64 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	59.94 1.80 0.00	57.66 1.43 0.00	51.86 1.23 0.00	47.97 1.20 0.00	47.31 1.19 0.00	56.65 1.66 0.00	84.08 2.82 0.00	71.68 2.78 0.00	72.67 3.08 0.00	91.59 4.14 0.00	67.65 3.00 0.00	59.01 2.83 0.00	50.96 2.68 0.00	52.79 2.89 0.00	54.46 2.91 0.00	59.19 2.84 0.00	67.11 3.36 0.00	72.08 3.57 0.00	66.43 3.32 0.00	57.29 2.85 0.00	55.14 2.74 0.00	55.52 2.97 0.00	55.93 3.00 0.00	49.54 2.58 0.00
MUNSVILLE_WIND_PWR 323609	60.13 1.34 -0.66	58.76 1.23 -1.31	52.44 1.17 -0.64	48.96 1.20 -0.99	48.23 1.99 -0.12	58.83 2.59 -1.25	87.43 4.81 -1.35	74.32 4.58 -0.84	74.23 4.04 -0.60	93.00 4.51 -1.04	68.69 3.42 -0.63	58.73 2.55 0.00	49.85 1.58 0.00	51.46 1.57 0.00	53.31 1.76 0.00	58.63 2.29 0.00	66.24 2.50 0.00	71.37 2.53 -0.33	65.79 2.50 -0.19	55.91 1.36 -0.11	55.27 0.62 -2.24	55.75 0.24 -2.97	55.35 -0.09 -2.52	48.82 -0.33 -2.19
N SALMON___HYD 24042	60.17 2.04 0.00	58.30 2.08 0.00	52.41 1.79 0.00	48.54 1.77 0.00	47.87 1.74 0.00	56.86 1.87 0.00	83.90 2.64 0.00	71.02 2.13 0.00	71.37 1.78 0.00	89.21 1.75 0.00	65.84 1.19 0.00	57.10 0.92 0.00	48.84 0.56 0.00	50.25 0.35 0.00	51.89 0.34 0.00	57.04 0.69 0.00	65.06 1.32 0.00	70.12 1.62 0.00	64.60 1.49 0.00	55.61 1.17 0.00	53.36 0.96 0.00	53.54 1.00 0.00	54.12 1.18 0.00	48.08 1.12 0.00
N.AKRON___115KV_KNAPP 355671	55.65 -2.48 0.00	53.63 -2.60 0.00	48.38 -2.25 0.00	44.68 -2.09 0.00	44.08 -2.05 0.00	51.66 -3.32 0.00	74.98 -6.28 0.00	62.75 -6.15 0.00	63.45 -6.14 0.00	79.55 -7.90 0.00	59.04 -5.60 0.00	50.66 -5.53 0.00	42.99 -5.29 0.00	44.07 -5.83 0.00	45.38 -6.17 0.00	50.25 -6.10 0.00	57.07 -6.67 0.00	60.44 -7.62 0.44	55.95 -7.00 0.16	47.95 -5.96 0.52	35.88 -5.34 11.17	32.62 -5.69 14.24	35.27 -5.28 12.38	31.70 -4.36 10.91
N.E._GEN_SANDY PD 24062	84.52 1.87 -24.51	68.85 1.81 -10.81	68.28 1.62 -16.03	75.59 1.50 -27.32	79.42 1.45 -31.85	90.43 1.77 -33.68	89.11 2.63 -5.22	102.42 2.39 -31.13	90.72 2.41 -18.73	90.53 3.07 0.00	66.82 2.17 0.00	58.17 1.98 0.00	50.19 1.91 0.00	51.98 2.09 0.00	53.56 2.01 0.00	58.17 1.84 0.00	65.83 2.14 0.06	70.91 2.41 0.00	69.98 2.36 -4.50	77.07 2.16 -20.47	81.99 2.15 -27.44	73.95 2.31 -19.09	73.59 2.26 -18.39	49.51 1.96 -0.59
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	59.48 1.34 0.00	57.27 1.04 0.00	51.52 0.90 0.00	47.65 0.88 0.00	46.99 0.87 0.00	56.22 1.24 0.00	83.50 2.23 0.00	71.08 2.18 0.00	72.00 2.42 0.00	90.72 3.27 0.00	67.04 2.39 0.00	58.47 2.29 0.00	50.46 2.18 0.00	52.30 2.40 0.00	53.95 2.40 0.00	58.64 2.30 0.00	66.56 2.82 0.00	71.49 2.99 0.00	65.89 2.78 0.00	56.82 2.39 0.00	54.67 2.27 0.00	55.03 2.48 0.00	55.39 2.46 0.00	49.04 2.07 0.00
N.QUEENS_27_KV_LOAD 356247	59.96 1.83 0.00	57.66 1.43 0.00	51.90 1.27 0.00	48.03 1.26 0.00	47.35 1.23 0.00	56.68 1.69 0.00	84.08 2.81 0.00	71.79 2.90 0.00	72.81 3.22 0.00	91.76 4.30 0.00	67.67 3.02 0.00	59.10 2.92 0.00	51.04 2.76 0.00	52.87 2.98 0.00	54.54 2.98 0.00	59.27 2.93 0.00	67.21 3.47 0.00	72.21 3.71 0.00	66.55 3.44 0.00	57.47 3.04 0.00	55.21 2.81 0.00	55.62 3.07 0.00	55.99 3.06 0.00	49.66 2.70 0.00
N.TROY___115KV_TB1 355778	60.26 2.12 0.00	58.29 2.07 0.00	52.45 1.82 0.00	48.49 1.72 0.00	47.78 1.66 0.00	56.95 1.96 0.00	84.17 2.90 0.00	71.50 2.60 0.00	72.09 2.50 0.00	90.61 3.16 0.00	66.90 2.26 0.00	58.16 1.98 0.00	50.14 1.86 0.00	51.89 2.00 0.00	53.50 1.95 0.00	58.26 1.92 0.00	65.91 2.17 0.00	70.96 2.45 0.00	65.52 2.41 0.00	56.60 2.16 0.00	54.52 2.12 0.00	54.76 2.21 0.00	55.08 2.15 0.00	48.82 1.86 0.00
NARROWS_GT1_1 24228	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT1_2 24229	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT1_3 24230	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT1_4 24231	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00

NARROWS_GT1_5 24232	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT1_6 24233	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT1_7 24234	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT1_8 24235	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT2_1 24236	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT2_2 24237	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT2_3 24238	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT2_4 24239	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT2_5 24240	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT2_6 24241	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT2_7 24242	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NARROWS_GT2_8 24243	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.24 2.97 0.00	71.79 2.89 0.00	72.73 3.14 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.56 0.00	66.43 3.32 0.00	57.35 2.92 0.00	55.19 2.79 0.00	55.56 3.02 0.00	55.97 3.04 0.00	49.58 2.61 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	61.52 3.38 0.00	59.51 3.28 0.00	53.60 2.98 0.00	49.51 2.74 0.00	48.78 2.65 0.00	58.23 3.24 0.00	86.22 4.95 0.00	73.29 4.40 0.00	73.94 4.35 0.00	92.74 5.29 0.00	68.31 3.67 0.00	59.42 3.24 0.00	51.10 2.82 0.00	52.96 3.06 0.00	54.65 3.10 0.00	59.76 3.42 0.00	67.77 4.03 0.00	73.03 4.53 0.00	67.40 4.29 0.00	58.15 3.71 0.00	55.91 3.51 0.00	56.02 3.48 0.00	56.30 3.36 0.00	49.84 2.88 0.00
NCHELSEA_115KV_TR2 355582	60.11 1.97 0.00	57.95 1.72 0.00	52.10 1.48 0.00	48.18 1.41 0.00	47.50 1.38 0.00	56.86 1.87 0.00	84.42 3.15 0.00	71.86 2.96 0.00	72.77 3.19 0.00	91.65 4.19 0.00	67.68 3.03 0.00	58.90 2.72 0.00	50.75 2.47 0.00	52.53 2.63 0.00	54.19 2.64 0.00	58.94 2.60 0.00	66.85 3.11 0.00	71.88 3.37 0.00	66.28 3.17 0.00	57.31 2.87 0.00	55.21 2.81 0.00	55.48 2.93 0.00	55.82 2.89 0.00	49.43 2.46 0.00
NEG CAPITAL__MECHNVIL 23645	60.90 2.76 0.00	58.90 2.68 0.00	53.00 2.37 0.00	48.98 2.21 0.00	48.28 2.16 0.00	57.63 2.64 0.00	85.30 4.04 0.00	72.43 3.53 0.00	73.10 3.51 0.00	91.73 4.27 0.00	67.72 3.08 0.00	58.82 2.63 0.00	50.66 2.39 0.00	52.39 2.49 0.00	54.10 2.55 0.00	59.01 2.67 0.00	66.78 3.04 0.00	71.96 3.46 0.00	66.45 3.34 0.00	57.35 2.92 0.00	55.22 2.82 0.00	55.40 2.85 0.00	55.69 2.75 0.00	49.34 2.38 0.00

NEG CENTRAL_HIGH_ACRES 23767	54.82 -2.55 0.76	52.07 -2.62 1.53	47.53 -2.34 0.75	43.42 -2.19 1.16	43.88 -2.10 0.14	50.91 -2.61 1.46	75.52 -4.17 1.58	64.24 -3.68 0.98	65.18 -3.70 0.70	81.44 -4.81 1.21	60.42 -3.50 0.73	52.84 -3.34 0.00	45.19 -3.08 0.00	46.60 -3.29 0.00	48.07 -3.48 0.00	52.79 -3.55 0.00	59.81 -3.93 0.00	63.68 -4.32 0.51	58.95 -3.98 0.18	50.92 -3.41 0.11	49.08 -3.32 0.00	46.95 -3.54 2.06	48.86 -3.47 0.60	43.92 -3.05 0.00
NEG CENTRAL___DRP 24199	57.10 -1.04 0.00	55.07 -1.15 0.00	49.73 -0.89 0.00	46.03 -0.75 0.00	45.54 -0.59 0.00	54.27 -0.71 0.00	79.76 -1.51 0.00	67.50 -1.39 0.00	68.11 -1.47 0.00	85.41 -2.05 0.00	63.06 -1.58 0.00	54.55 -1.63 0.00	46.82 -1.46 0.00	48.32 -1.57 0.00	49.87 -1.68 0.00	54.69 -1.65 0.00	61.98 -1.76 0.00	66.34 -1.91 0.26	61.41 -1.77 -0.07	52.90 -1.56 -0.02	55.54 -1.61 -4.75	52.86 -1.78 -2.10	55.19 -1.85 -4.10	49.87 -1.72 -4.63
NEG CENTRAL___INDECK 23768	58.43 0.29 0.00	56.30 0.08 0.00	50.73 0.10 0.00	46.88 0.11 0.00	46.40 0.28 0.00	55.03 0.04 0.00	80.90 -0.37 0.00	68.33 -0.57 0.00	68.66 -0.93 0.00	85.43 -2.02 0.00	63.06 -1.58 0.00	54.14 -2.05 0.00	46.17 -2.11 0.00	47.45 -2.44 0.00	49.20 -2.35 0.00	54.05 -2.29 0.00	61.09 -2.65 0.00	65.09 -2.73 0.68	61.69 -2.08 -0.66	53.91 -1.82 -1.29	102.10 -1.78 -51.48	94.53 -2.23 -44.22	101.40 -2.30 -50.76	94.95 -2.18 -50.16
NEG CENTRAL___SENECA 23627	56.93 -1.21 0.00	54.90 -1.32 0.00	49.66 -0.97 0.00	46.03 -0.73 0.00	45.59 -0.53 0.00	54.22 -0.76 0.00	79.37 -1.89 0.00	67.21 -1.69 0.00	67.77 -1.81 0.00	84.89 -2.57 0.00	62.74 -1.91 0.00	54.20 -1.99 0.00	46.54 -1.74 0.00	47.95 -1.95 0.00	49.47 -2.08 0.00	54.32 -2.02 0.00	61.62 -2.12 0.00	65.80 -2.33 0.38	60.96 -2.26 -0.11	52.52 -1.96 -0.04	57.92 -2.04 -7.56	53.93 -2.30 -3.68	57.18 -2.38 -6.63	52.15 -2.18 -7.37
NEG CENTRAL___STATE_STREET 24147	57.67 -0.47 0.00	55.53 -0.70 0.00	50.19 -0.44 0.00	46.22 -0.55 0.00	45.66 -0.47 0.00	54.68 -0.30 0.00	80.77 -0.49 0.00	68.19 -0.71 0.00	69.02 -0.56 0.00	86.57 -0.88 0.00	63.73 -0.91 0.00	55.18 -1.01 0.00	47.47 -0.81 0.00	49.11 -0.79 0.00	50.71 -0.84 0.00	55.47 -0.87 0.00	62.72 -1.02 0.00	67.42 -0.93 0.15	62.33 -0.78 0.00	53.69 -0.67 0.07	51.69 -0.71 0.00	50.31 -0.85 1.39	51.66 -0.86 0.41	46.03 -0.94 0.00
NEG MILLWOOD___DRP 24198	60.32 2.18 0.00	58.08 1.86 0.00	52.25 1.62 0.00	48.30 1.53 0.00	47.64 1.52 0.00	57.04 2.06 0.00	84.72 3.45 0.00	72.14 3.24 0.00	73.07 3.48 0.00	92.04 4.58 0.00	67.99 3.34 0.00	59.19 3.01 0.00	51.04 2.76 0.00	52.87 2.97 0.00	54.58 3.03 0.00	59.36 3.02 0.00	67.33 3.58 0.00	72.39 3.89 0.00	66.77 3.66 0.00	57.64 3.20 0.00	55.47 3.07 0.00	55.74 3.20 0.00	56.09 3.15 0.00	49.67 2.71 0.00
NEG NORTH_FLCN_SEA 23793	59.74 1.61 0.00	57.90 1.68 0.00	52.06 1.43 0.00	47.99 1.22 0.00	47.29 1.16 0.00	55.89 0.90 0.00	82.33 1.06 0.00	69.65 0.75 0.00	70.14 0.56 0.00	87.98 0.53 0.00	64.89 0.24 0.00	56.45 0.27 0.00	48.39 0.12 0.00	49.81 -0.09 0.00	51.42 -0.13 0.00	56.27 -0.07 0.00	63.88 0.14 0.00	69.00 0.50 0.00	63.73 0.62 0.00	54.81 0.37 0.00	52.56 0.16 0.00	53.03 0.48 0.00	53.92 0.98 0.00	47.82 0.86 0.00
NEG NORTH_KES_CHATAGAY 23792	59.13 1.00 0.00	57.33 1.11 0.00	51.57 0.94 0.00	47.69 0.91 0.00	47.10 0.97 0.00	55.83 0.84 0.00	82.37 1.10 0.00	69.67 0.77 0.00	70.26 0.67 0.00	88.04 0.58 0.00	64.98 0.33 0.00	56.48 0.29 0.00	48.37 0.09 0.00	49.83 -0.07 0.00	51.44 -0.11 0.00	56.37 0.02 0.00	63.99 0.24 0.00	69.07 0.57 0.00	63.78 0.67 0.00	54.87 0.43 0.00	52.61 0.21 0.00	52.85 0.30 0.00	53.48 0.55 0.00	47.42 0.45 0.00
NEG NORTH___ALICE_FALLS 23915	60.00 1.87 0.00	58.13 1.90 0.00	52.27 1.64 0.00	48.28 1.51 0.00	47.60 1.47 0.00	56.33 1.34 0.00	83.11 1.84 0.00	70.31 1.41 0.00	70.83 1.24 0.00	88.74 1.29 0.00	65.41 0.76 0.00	56.83 0.64 0.00	48.66 0.39 0.00	50.05 0.15 0.00	51.68 0.13 0.00	56.57 0.23 0.00	64.37 0.63 0.00	69.57 1.07 0.00	64.32 1.21 0.00	55.32 0.88 0.00	53.06 0.66 0.00	53.38 0.83 0.00	54.13 1.19 0.00	48.01 1.05 0.00
NEG NORTH___LWR_SARANAC 23913	60.00 1.87 0.00	58.13 1.90 0.00	52.27 1.64 0.00	48.28 1.51 0.00	47.60 1.47 0.00	56.33 1.34 0.00	83.11 1.84 0.00	70.31 1.41 0.00	70.83 1.24 0.00	88.74 1.29 0.00	65.41 0.76 0.00	56.83 0.64 0.00	48.66 0.39 0.00	50.05 0.15 0.00	51.68 0.13 0.00	56.57 0.23 0.00	64.37 0.63 0.00	69.57 1.07 0.00	64.32 1.21 0.00	55.32 0.88 0.00	53.06 0.66 0.00	53.38 0.83 0.00	54.13 1.19 0.00	48.01 1.05 0.00
NEG NORTH___PLATTSBURG 23628	60.01 1.87 0.00	58.12 1.90 0.00	52.27 1.65 0.00	48.28 1.51 0.00	47.59 1.47 0.00	56.33 1.34 0.00	83.11 1.84 0.00	70.31 1.41 0.00	70.83 1.24 0.00	88.74 1.29 0.00	65.41 0.76 0.00	56.83 0.64 0.00	48.66 0.39 0.00	50.05 0.15 0.00	51.68 0.13 0.00	56.57 0.23 0.00	64.37 0.63 0.00	69.57 1.06 0.00	64.32 1.21 0.00	55.32 0.88 0.00	53.06 0.66 0.00	53.38 0.84 0.00	54.12 1.19 0.00	48.01 1.04 0.00
NEG WEST_LEA_LOCKPORT 23791	54.61 -3.53 0.00	52.64 -3.59 0.00	47.51 -3.12 0.00	43.87 -2.89 0.00	43.27 -2.85 0.00	50.60 -4.38 0.00	73.14 -8.13 0.00	61.06 -7.84 0.00	61.78 -7.80 0.00	77.49 -9.97 0.00	57.62 -7.03 0.00	49.51 -6.68 0.00	42.08 -6.20 0.00	43.14 -6.76 0.00	44.41 -7.14 0.00	49.07 -7.27 0.00	55.60 -8.15 0.00	58.75 -9.29 0.46	54.32 -8.59 0.20	46.51 -7.33 0.60	32.27 -6.65 13.47	28.93 -6.97 16.65	31.64 -6.52 14.77	28.47 -5.35 13.14
NEG WEST___LANCASTER 23811	57.21 -0.93 0.00	55.28 -0.95 0.00	49.72 -0.91 0.00	45.96 -0.81 0.00	45.19 -0.93 0.00	53.43 -1.56 0.00	77.55 -3.72 0.00	65.46 -3.43 0.00	66.11 -3.47 0.00	82.83 -4.63 0.00	60.89 -3.75 0.00	52.31 -3.88 0.00	44.48 -3.80 0.00	45.69 -4.20 0.00	47.07 -4.48 0.00	51.90 -4.44 0.00	58.80 -4.95 0.00	62.10 -5.87 0.54	57.48 -5.43 0.20	49.16 -4.62 0.66	34.26 -4.55 13.59	29.98 -4.85 17.71	33.22 -4.54 15.17	30.03 -3.69 13.25
NEG_PENN_ALLEGHNY 23528	58.78 -0.43 -1.07	57.88 -0.48 -2.14	51.28 -0.40 -1.05	48.02 -0.37 -1.62	46.02 -0.31 -0.20	56.64 -0.39 -2.05	82.82 -0.66 -2.20	69.73 -0.53 -1.37	70.02 -0.55 -0.98	88.41 -0.74 -1.69	65.20 -0.47 -1.02	55.64 -0.54 0.00	47.73 -0.63 0.00	49.27 -0.65 0.00	50.90 -0.54 0.00	55.80 -0.54 0.00	63.03 -0.71 0.00	68.50 -0.95 -0.94	62.50 -0.86 -0.26	53.90 -0.80 -0.27	51.64 -0.75 0.00	56.70 -0.86 -5.02	53.53 -0.87 -1.47	46.17 -0.79 0.00
NEG___GEN_MONROE 24207	56.67 -1.46 0.00	54.65 -1.57 0.00	49.25 -1.38 0.00	45.50 -1.27 0.00	44.90 -1.23 0.00	53.24 -1.74 0.00	78.10 -3.17 0.00	65.87 -3.03 0.00	66.52 -3.06 0.00	83.45 -4.01 0.00	61.77 -2.88 0.00	53.23 -2.95 0.00	45.40 -2.88 0.00	46.72 -3.17 0.00	48.17 -3.38 0.00	53.03 -3.31 0.00	60.23 -3.51 0.00	64.33 -3.92 0.25	59.52 -3.59 0.00	51.28 -3.03 0.13	49.52 -2.88 0.00	46.92 -3.17 2.46	49.17 -3.05 0.72	44.38 -2.59 0.00

NEPA__ENERGY 23901	55.50 -2.63 0.00	53.40 -2.83 0.00	48.38 -2.25 0.00	44.70 -2.07 0.00	44.08 -2.05 0.00	52.05 -2.94 0.00	75.79 -5.48 0.00	63.63 -5.27 0.00	64.29 -5.30 0.00	80.46 -6.99 0.00	59.83 -4.82 0.00	51.48 -4.71 0.00	43.85 -4.43 0.00	45.15 -4.74 0.00	46.65 -4.91 0.00	51.34 -5.00 0.00	58.13 -5.61 0.00	61.46 -6.50 0.55	56.84 -6.04 0.22	48.19 -5.54 0.71	30.02 -5.39 16.99	26.57 -5.74 20.23	26.09 -5.48 17.36	27.37 -4.66 14.94
NEVERSINK__HYD 23608	60.56 2.42 0.00	58.39 2.17 0.00	52.59 1.97 0.00	48.67 1.90 0.00	48.02 1.90 0.00	57.50 2.52 0.00	85.40 4.14 0.00	72.49 3.59 0.00	73.28 3.69 0.00	92.24 4.79 0.00	68.16 3.52 0.00	59.33 3.15 0.00	51.09 2.81 0.00	52.68 2.78 0.00	54.15 2.60 0.00	58.91 2.57 0.00	66.90 3.16 0.00	71.92 3.42 0.00	66.33 3.22 0.00	57.24 2.80 0.00	55.07 2.67 0.00	55.29 2.74 0.00	55.59 2.66 0.00	49.20 2.24 0.00
NEWKRMKL_115KV_TB1 55635	60.19 2.06 0.00	58.26 2.04 0.00	52.45 1.83 0.00	48.46 1.69 0.00	47.74 1.62 0.00	56.91 1.93 0.00	84.17 2.90 0.00	71.44 2.54 0.00	72.14 2.55 0.00	90.76 3.31 0.00	67.04 2.39 0.00	58.36 2.17 0.00	50.32 2.04 0.00	52.05 2.15 0.00	53.67 2.12 0.00	58.49 2.15 0.00	66.30 2.56 0.00	71.26 2.75 0.00	65.71 2.61 0.00	56.74 2.31 0.00	54.55 2.16 0.00	54.78 2.23 0.00	55.09 2.15 0.00	48.83 1.87 0.00
NEWTON__FALLS_HYD 23847	59.39 1.26 0.00	57.58 1.35 0.00	51.56 0.93 0.00	47.52 0.75 0.00	46.79 0.67 0.00	56.18 1.19 0.00	82.78 1.51 0.00	69.54 0.64 0.00	69.79 0.21 0.00	86.93 -0.52 0.00	64.38 -0.27 0.00	55.67 -0.51 0.00	47.28 -1.00 0.00	48.62 -1.28 0.00	50.57 -0.98 0.00	56.35 0.01 0.00	63.49 -0.25 0.00	68.48 -0.02 0.00	62.95 -0.16 0.00	54.09 -0.34 0.00	51.87 -0.53 0.00	51.85 -0.69 0.00	52.35 -0.58 0.00	46.51 -0.46 0.00
NGRID_A1_DSASP 323792	53.74 -4.39 0.00	51.75 -4.48 0.00	46.70 -3.93 0.00	43.13 -3.65 0.00	42.45 -3.67 0.00	49.90 -5.09 0.00	71.73 -9.54 0.00	59.83 -9.07 0.00	60.56 -9.03 0.00	76.03 -11.42 0.00	56.62 -8.02 0.00	48.62 -7.56 0.00	41.35 -6.93 0.00	42.41 -7.49 0.00	43.63 -7.92 0.00	48.14 -8.20 0.00	54.46 -9.28 0.00	57.51 -10.53 0.46	53.17 -9.74 0.20	45.57 -8.24 0.63	30.89 -7.52 13.99	27.38 -7.85 17.32	30.19 -7.39 15.35	27.27 -6.07 13.63
NGRID_A2_DSASP 323793	53.74 -4.39 0.00	51.75 -4.48 0.00	46.70 -3.93 0.00	43.13 -3.65 0.00	42.45 -3.67 0.00	49.90 -5.09 0.00	71.73 -9.54 0.00	59.83 -9.07 0.00	60.56 -9.03 0.00	76.03 -11.42 0.00	56.62 -8.02 0.00	48.62 -7.56 0.00	41.35 -6.93 0.00	42.41 -7.49 0.00	43.63 -7.92 0.00	48.14 -8.20 0.00	54.46 -9.28 0.00	57.51 -10.53 0.46	53.17 -9.74 0.20	45.57 -8.24 0.63	30.89 -7.52 13.99	27.38 -7.85 17.32	30.19 -7.39 15.35	27.27 -6.07 13.63
NGRID_A4_DSASP 323807	53.74 -4.39 0.00	51.75 -4.48 0.00	46.70 -3.93 0.00	43.13 -3.65 0.00	42.45 -3.67 0.00	49.90 -5.09 0.00	71.73 -9.54 0.00	59.83 -9.07 0.00	60.56 -9.03 0.00	76.03 -11.42 0.00	56.62 -8.02 0.00	48.62 -7.56 0.00	41.35 -6.93 0.00	42.41 -7.49 0.00	43.63 -7.92 0.00	48.14 -8.20 0.00	54.46 -9.28 0.00	57.51 -10.53 0.46	53.17 -9.74 0.20	45.57 -8.24 0.63	30.89 -7.52 13.99	27.38 -7.85 17.32	30.19 -7.39 15.35	27.27 -6.07 13.63
NIAGARA_115E_LBMP 323715	51.23 -4.41 2.49	46.91 -4.34 4.97	44.38 -3.80 2.44	39.46 -3.53 3.78	42.21 -3.44 0.47	44.87 -5.36 4.76	66.32 -9.82 5.13	56.38 -9.34 3.18	57.94 -9.36 2.29	71.61 -11.90 3.95	53.88 -8.37 2.39	48.38 -7.81 0.00	41.13 -7.15 0.00	42.15 -7.75 0.00	43.37 -8.18 0.00	47.91 -8.44 0.00	54.22 -9.52 0.00	56.30 -10.81 1.39	52.33 -9.99 0.78	45.34 -8.47 0.63	31.61 -7.19 13.60	28.19 -7.47 16.89	31.00 -6.99 14.94	27.94 -5.74 13.28
NIAGARA_115W_LBMP 323714	51.11 -4.47 2.56	46.60 -4.52 5.11	44.13 -3.99 2.51	39.18 -3.70 3.89	41.94 -3.70 0.48	44.92 -5.17 4.89	66.33 -9.66 5.28	56.54 -9.10 3.27	58.13 -9.10 2.35	71.86 -11.54 4.06	54.08 -8.11 2.46	48.53 -7.66 0.00	41.27 -7.00 0.00	42.33 -7.57 0.00	43.55 -8.00 0.00	48.06 -8.28 0.00	54.37 -9.37 0.00	56.47 -10.62 1.42	52.48 -9.82 0.81	45.50 -8.30 0.64	30.97 -7.48 13.94	27.45 -7.82 17.27	30.32 -7.31 15.30	27.38 -5.99 13.58
NIAGARA_230_LBMP 323716	51.39 -4.19 2.56	46.89 -4.23 5.11	44.39 -3.73 2.51	39.43 -3.46 3.88	42.19 -3.45 0.48	45.22 -4.87 4.89	67.16 -8.83 5.27	57.34 -8.30 3.26	58.90 -8.34 2.35	72.80 -10.60 4.05	54.69 -7.50 2.45	49.15 -7.03 0.00	41.81 -6.47 0.00	42.90 -7.00 0.00	44.16 -7.39 0.00	48.72 -7.62 0.00	55.11 -8.63 0.00	57.32 -9.77 1.42	53.27 -9.04 0.80	46.15 -7.66 0.62	31.71 -7.11 13.58	28.24 -7.43 16.87	31.06 -6.96 14.92	28.03 -5.70 13.23
NIAGARA__115KV_198_GIBSON 55903	53.68 -4.46 0.00	51.70 -4.52 0.00	46.65 -3.97 0.00	43.08 -3.69 0.00	42.41 -3.71 0.00	49.84 -5.15 0.00	71.61 -9.66 0.00	59.73 -9.17 0.00	60.46 -9.12 0.00	75.92 -11.54 0.00	56.53 -8.12 0.00	48.53 -7.66 0.00	41.28 -7.00 0.00	42.32 -7.57 0.00	43.56 -7.99 0.00	48.06 -8.28 0.00	54.38 -9.37 0.00	57.41 -10.63 0.46	53.08 -9.83 0.20	45.49 -8.32 0.63	30.88 -7.57 13.94	27.38 -7.89 17.27	30.18 -7.45 15.30	27.28 -6.10 13.58
NIAGARA____ 23760	51.44 -4.19 2.51	46.98 -4.23 5.02	44.43 -3.73 2.47	39.50 -3.46 3.81	42.20 -3.45 0.47	45.32 -4.87 4.79	67.24 -8.83 5.19	57.37 -8.30 3.23	58.93 -8.34 2.32	72.85 -10.60 4.01	54.72 -7.50 2.42	49.15 -7.03 0.00	41.81 -6.47 0.00	42.90 -7.00 0.00	44.16 -7.39 0.00	48.72 -7.62 0.00	55.11 -8.63 0.00	57.33 -9.77 1.41	53.28 -9.04 0.79	46.15 -7.66 0.63	31.67 -7.11 13.62	28.20 -7.43 16.92	31.00 -6.96 14.98	27.94 -5.70 13.32
NINE_MILE_1 23575	55.79 -2.34 0.00	53.93 -2.29 0.00	48.57 -2.06 0.00	44.85 -1.92 0.00	44.26 -1.86 0.00	52.78 -2.21 0.00	77.97 -3.29 0.00	66.08 -2.82 0.00	66.77 -2.81 0.00	83.85 -3.60 0.00	61.98 -2.67 0.00	53.79 -2.40 0.00	46.18 -2.10 0.00	47.71 -2.18 0.00	49.29 -2.26 0.00	53.94 -2.40 0.00	61.04 -2.70 0.00	65.58 -2.92 0.00	60.44 -2.67 0.00	52.12 -2.32 0.00	50.20 -2.20 0.00	50.34 -2.21 0.00	50.72 -2.21 0.00	44.99 -1.97 0.00
NINE_MILE_2 23744	55.80 -2.34 0.00	53.94 -2.29 0.00	48.58 -2.05 0.00	44.85 -1.92 0.00	44.26 -1.86 0.00	52.78 -2.20 0.00	77.99 -3.28 0.00	66.09 -2.81 0.00	66.78 -2.81 0.00	83.85 -3.60 0.00	61.98 -2.67 0.00	53.79 -2.40 0.00	46.18 -2.10 0.00	47.72 -2.18 0.00	49.29 -2.26 0.00	53.94 -2.40 0.00	61.04 -2.70 0.00	65.59 -2.91 0.00	60.44 -2.67 0.00	52.14 -2.30 0.00	50.20 -2.20 0.00	50.34 -2.21 0.00	50.73 -2.21 0.00	45.01 -1.96 0.00
NM_CAPITAL__DRP 24208	60.05 1.91 0.00	58.15 1.93 0.00	52.36 1.73 0.00	48.36 1.60 0.00	47.64 1.52 0.00	56.79 1.80 0.00	83.93 2.66 0.00	71.26 2.36 0.00	71.93 2.34 0.00	90.52 3.06 0.00	66.85 2.20 0.00	58.19 2.01 0.00	50.19 1.91 0.00	51.93 2.03 0.00	53.54 1.99 0.00	58.32 1.98 0.00	66.15 2.41 0.00	71.10 2.60 0.00	65.54 2.43 0.00	56.62 2.18 0.00	54.41 2.01 0.00	54.65 2.11 0.00	54.98 2.05 0.00	48.74 1.78 0.00

NM_CENTRAL___DRP 24181	56.85 -1.28 0.00	54.93 -1.30 0.00	49.47 -1.16 0.00	45.68 -1.10 0.00	45.09 -1.04 0.00	53.78 -1.20 0.00	79.50 -1.77 0.00	67.39 -1.51 0.00	68.08 -1.51 0.00	85.49 -1.96 0.00	63.23 -1.42 0.00	54.81 -1.37 0.00	47.03 -1.25 0.00	48.61 -1.29 0.00	50.24 -1.31 0.00	55.00 -1.34 0.00	62.22 -1.52 0.00	66.84 -1.66 0.00	61.61 -1.50 0.00	53.12 -1.32 0.00	51.12 -1.28 0.00	51.23 -1.32 0.00	51.60 -1.34 0.00	45.74 -1.23 0.00
NM_FRONTIER___DRP 24179	53.68 -4.46 0.00	51.70 -4.52 0.00	46.65 -3.97 0.00	43.08 -3.69 0.00	42.41 -3.71 0.00	49.84 -5.15 0.00	71.61 -9.66 0.00	59.73 -9.17 0.00	60.46 -9.12 0.00	75.92 -11.54 0.00	56.53 -8.12 0.00	48.53 -7.66 0.00	41.28 -7.00 0.00	42.32 -7.57 0.00	43.56 -7.99 0.00	48.06 -8.28 0.00	54.38 -9.37 0.00	57.41 -10.63 0.46	53.08 -9.83 0.20	45.49 -8.32 0.63	30.88 -7.57 13.94	27.38 -7.89 17.27	30.18 -7.45 15.30	27.28 -6.10 13.58
NM_ST_REGIS___HYD 24053	59.75 1.62 0.00	57.93 1.71 0.00	52.06 1.43 0.00	48.20 1.43 0.00	47.55 1.43 0.00	56.54 1.56 0.00	83.42 2.16 0.00	70.50 1.60 0.00	70.77 1.18 0.00	88.33 0.88 0.00	65.11 0.47 0.00	56.47 0.29 0.00	48.26 -0.01 0.00	49.69 -0.20 0.00	51.45 -0.10 0.00	56.74 0.40 0.00	64.60 0.85 0.00	69.43 0.92 0.00	63.57 0.46 0.00	54.72 0.28 0.00	52.58 0.18 0.00	52.74 0.19 0.00	53.43 0.50 0.00	47.63 0.67 0.00
NORTHPORT___1 23551	60.02 1.89 0.00	57.50 1.27 0.00	51.83 1.20 0.00	47.94 1.17 0.00	47.36 1.23 0.00	56.64 1.66 0.00	83.36 2.10 0.00	71.09 2.19 0.00	71.90 2.31 0.00	90.61 3.15 0.00	67.30 2.65 0.00	59.10 2.92 0.00	51.36 3.08 0.00	53.12 3.22 0.00	54.63 3.08 0.00	59.18 2.84 0.00	66.55 2.81 0.00	71.42 2.92 0.00	66.12 3.01 0.00	57.15 2.71 0.00	55.29 2.89 0.00	55.95 3.41 0.00	56.28 3.35 0.00	49.98 3.02 0.00
NORTHPORT___2 23552	60.02 1.89 0.00	57.50 1.27 0.00	51.83 1.20 0.00	47.94 1.17 0.00	47.36 1.23 0.00	56.64 1.66 0.00	83.36 2.10 0.00	71.09 2.19 0.00	71.90 2.31 0.00	90.61 3.15 0.00	67.30 2.65 0.00	59.10 2.92 0.00	51.36 3.08 0.00	53.12 3.22 0.00	54.63 3.08 0.00	59.18 2.84 0.00	66.55 2.81 0.00	71.42 2.92 0.00	66.12 3.01 0.00	57.15 2.71 0.00	55.29 2.89 0.00	55.95 3.41 0.00	56.28 3.35 0.00	49.98 3.02 0.00
NORTHPORT___3 23553	60.04 1.90 0.00	57.53 1.31 0.00	51.84 1.21 0.00	47.95 1.18 0.00	47.36 1.24 0.00	56.65 1.66 0.00	83.43 2.17 0.00	71.15 2.25 0.00	71.97 2.39 0.00	90.71 3.26 0.00	67.37 2.73 0.00	59.14 2.96 0.00	51.36 3.09 0.00	53.12 3.23 0.00	54.67 3.11 0.00	59.23 2.89 0.00	66.63 2.89 0.00	71.53 3.03 0.00	66.21 3.10 0.00	57.22 2.78 0.00	55.34 2.94 0.00	55.98 3.43 0.00	56.30 3.37 0.00	49.97 3.01 0.00
NORTHPORT___4 23650	60.04 1.90 0.00	57.53 1.31 0.00	51.84 1.21 0.00	47.95 1.18 0.00	47.36 1.24 0.00	56.65 1.66 0.00	83.43 2.17 0.00	71.15 2.25 0.00	71.97 2.39 0.00	90.71 3.26 0.00	67.37 2.73 0.00	59.14 2.96 0.00	51.36 3.09 0.00	53.12 3.23 0.00	54.67 3.11 0.00	59.23 2.89 0.00	66.63 2.89 0.00	71.53 3.03 0.00	66.21 3.10 0.00	57.22 2.78 0.00	55.34 2.94 0.00	55.98 3.43 0.00	56.30 3.37 0.00	49.97 3.01 0.00
NORTHPORT___IC 23718	60.05 1.91 0.00	57.51 1.28 0.00	51.83 1.20 0.00	47.94 1.17 0.00	47.35 1.23 0.00	56.64 1.65 0.00	83.37 2.10 0.00	71.16 2.26 0.00	71.92 2.33 0.00	90.61 3.16 0.00	67.31 2.66 0.00	59.12 2.93 0.00	51.36 3.08 0.00	53.12 3.23 0.00	54.63 3.08 0.00	59.19 2.85 0.00	66.55 2.80 0.00	71.42 2.91 0.00	66.12 3.01 0.00	57.16 2.72 0.00	55.29 2.89 0.00	55.96 3.41 0.00	56.30 3.36 0.00	50.01 3.04 0.00
NORTH___COUNTRY_ESR 323785	59.00 0.86 0.00	57.19 0.96 0.00	51.44 0.81 0.00	47.55 0.78 0.00	46.95 0.83 0.00	55.67 0.69 0.00	82.12 0.85 0.00	69.49 0.59 0.00	70.13 0.55 0.00	88.00 0.54 0.00	64.94 0.29 0.00	56.45 0.26 0.00	48.37 0.09 0.00	49.83 -0.07 0.00	51.43 -0.11 0.00	56.36 0.02 0.00	63.97 0.23 0.00	68.94 0.44 0.00	63.59 0.48 0.00	54.73 0.29 0.00	52.50 0.10 0.00	52.73 0.18 0.00	53.37 0.44 0.00	47.30 0.34 0.00
NPX_GEN_1385_PROXY 323591	60.02 1.89 0.00	57.50 1.27 0.00	51.83 1.20 0.00	47.94 1.17 0.00	47.36 1.23 0.00	56.64 1.66 0.00	83.36 2.10 0.00	71.09 2.19 0.00	71.90 2.31 0.00	90.61 3.15 0.00	67.30 2.65 0.00	59.10 2.92 0.00	51.36 3.08 0.00	53.12 3.22 0.00	54.63 3.08 0.00	57.93 2.84 1.25	66.55 2.81 0.00	71.42 2.92 0.00	66.12 3.01 0.00	57.15 2.71 0.00	55.29 2.89 0.00	55.95 3.41 0.00	56.28 3.35 0.00	49.98 3.02 0.00
NPX_GEN_CSC 323557	60.08 1.95 0.00	56.92 0.70 0.00	51.41 0.78 0.00	47.76 0.99 0.00	47.22 1.09 0.00	56.47 1.49 0.00	82.18 0.92 0.00	70.27 1.37 0.00	71.03 1.44 0.00	90.62 3.16 0.00	67.26 2.61 0.00	59.26 3.08 0.00	51.38 3.10 0.00	53.27 3.37 0.00	55.16 3.61 0.00	58.53 3.45 1.25	66.65 2.91 0.00	70.97 2.46 0.00	65.83 2.72 0.00	57.18 2.74 0.00	56.02 3.62 0.00	56.99 4.45 0.00	57.11 4.18 0.00	50.64 3.68 0.00
NSINS_S___GLNS_FALLS 23858	60.90 2.77 0.00	58.90 2.68 0.00	53.03 2.40 0.00	49.02 2.25 0.00	48.35 2.22 0.00	57.77 2.78 0.00	85.71 4.44 0.00	72.73 3.84 0.00	73.47 3.88 0.00	91.85 4.40 0.00	67.74 3.10 0.00	58.74 2.55 0.00	50.55 2.27 0.00	52.27 2.38 0.00	54.13 2.58 0.00	59.04 2.71 0.00	67.04 3.30 0.00	72.35 3.84 0.00	66.90 3.79 0.00	57.69 3.26 0.00	55.41 3.01 0.00	55.49 2.94 0.00	55.79 2.85 0.00	49.41 2.45 0.00
NUCOR_STEEL___DRP 24197	57.66 -0.47 0.00	55.50 -0.72 0.00	50.17 -0.46 0.00	46.18 -0.58 0.00	45.59 -0.53 0.00	54.66 -0.32 0.00	80.79 -0.48 0.00	68.17 -0.73 0.00	69.02 -0.56 0.00	86.62 -0.84 0.00	63.72 -0.93 0.00	55.18 -1.00 0.00	47.49 -0.79 0.00	49.14 -0.76 0.00	50.75 -0.80 0.00	55.47 -0.87 0.00	62.70 -1.04 0.00	67.46 -0.92 0.12	62.35 -0.76 0.00	53.74 -0.64 0.06	51.73 -0.67 0.00	50.59 -0.81 1.14	51.78 -0.82 0.33	46.06 -0.90 0.00
NUMBER_THREE_WT_PWR 323818	59.43 1.30 0.00	57.66 1.43 0.00	51.48 0.85 0.00	47.16 0.40 0.00	46.39 0.26 0.00	56.15 1.17 0.00	82.68 1.41 0.00	69.04 0.14 0.00	69.51 -0.07 0.00	86.61 -0.84 0.00	64.48 -0.16 0.00	55.72 -0.46 0.00	47.05 -1.23 0.00	48.30 -1.60 0.00	50.38 -1.17 0.00	56.48 0.14 0.00	63.24 -0.50 0.00	68.48 -0.03 0.00	63.33 0.22 0.00	54.39 -0.05 0.00	52.01 -0.39 0.00	51.73 -0.81 0.00	51.79 -1.15 0.00	45.83 -1.14 0.00
NYISO_LBMP_REFERENCE 24008	58.14 0.00 0.00	56.22 0.00 0.00	50.63 0.00 0.00	46.77 0.00 0.00	46.12 0.00 0.00	54.99 0.00 0.00	81.27 0.00 0.00	68.90 0.00 0.00	69.58 0.00 0.00	87.45 0.00 0.00	64.64 0.00 0.00	56.18 0.00 0.00	48.28 0.00 0.00	49.89 0.00 0.00	51.55 0.00 0.00	56.34 0.00 0.00	63.74 0.00 0.00	68.50 0.00 0.00	63.11 0.00 0.00	54.44 0.00 0.00	52.40 0.00 0.00	52.54 0.00 0.00	52.93 0.00 0.00	46.96 0.00 0.00

NYPA_BRENTWD____GT 24164	60.66 2.53 0.00	58.06 1.84 0.00	52.30 1.67 0.00	48.38 1.61 0.00	47.80 1.68 0.00	57.13 2.15 0.00	84.02 2.75 0.00	71.47 2.57 0.00	72.08 2.49 0.00	91.02 3.57 0.00	67.94 3.30 0.00	59.70 3.52 0.00	51.90 3.62 0.00	53.70 3.81 0.00	55.31 3.76 0.00	59.99 3.65 0.00	66.99 3.24 0.00	71.78 3.28 0.00	66.69 3.58 0.00	57.78 3.34 0.00	55.92 3.52 0.00	56.52 3.98 0.00	56.86 3.92 0.00	50.52 3.56 0.00
NYPA_GOWANUS____GT5 24156	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.20 2.94 0.00	71.77 2.87 0.00	72.71 3.12 0.00	91.65 4.19 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.97 2.70 0.00	52.82 2.92 0.00	54.48 2.93 0.00	59.20 2.86 0.00	67.10 3.36 0.00	72.05 3.55 0.00	66.41 3.30 0.00	57.33 2.90 0.00	55.17 2.77 0.00	55.56 3.01 0.00	55.96 3.02 0.00	49.57 2.60 0.00
NYPA_GOWANUS____GT6 24157	60.03 1.90 0.00	57.74 1.52 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.73 1.75 0.00	84.20 2.94 0.00	71.77 2.87 0.00	72.71 3.12 0.00	91.65 4.19 0.00	67.63 2.98 0.00	59.03 2.85 0.00	50.97 2.70 0.00	52.82 2.92 0.00	54.48 2.93 0.00	59.20 2.86 0.00	67.10 3.36 0.00	72.05 3.55 0.00	66.41 3.30 0.00	57.33 2.90 0.00	55.17 2.77 0.00	55.56 3.01 0.00	55.96 3.02 0.00	49.57 2.60 0.00
NYPA_HARLEM__RVR__GT1 24160	59.90 1.76 0.00	57.59 1.36 0.00	51.83 1.21 0.00	47.97 1.20 0.00	47.29 1.17 0.00	56.61 1.62 0.00	83.94 2.67 0.00	71.63 2.73 0.00	72.65 3.07 0.00	91.50 4.05 0.00	67.49 2.85 0.00	58.95 2.77 0.00	50.92 2.64 0.00	52.75 2.86 0.00	54.40 2.85 0.00	59.13 2.78 0.00	67.02 3.28 0.00	72.02 3.52 0.00	66.38 3.27 0.00	57.32 2.88 0.00	55.08 2.68 0.00	55.47 2.93 0.00	55.87 2.93 0.00	49.53 2.57 0.00
NYPA_HARLEM__RVR__GT2 24161	59.90 1.76 0.00	57.59 1.36 0.00	51.83 1.21 0.00	47.97 1.20 0.00	47.29 1.17 0.00	56.61 1.62 0.00	83.94 2.67 0.00	71.63 2.73 0.00	72.65 3.07 0.00	91.50 4.05 0.00	67.49 2.85 0.00	58.95 2.77 0.00	50.92 2.64 0.00	52.75 2.86 0.00	54.40 2.85 0.00	59.13 2.78 0.00	67.02 3.28 0.00	72.02 3.52 0.00	66.38 3.27 0.00	57.32 2.88 0.00	55.08 2.68 0.00	55.47 2.93 0.00	55.87 2.93 0.00	49.53 2.57 0.00
NYPA_KENT____GT 24152	60.08 1.94 0.00	57.78 1.56 0.00	51.98 1.35 0.00	48.10 1.33 0.00	47.45 1.32 0.00	56.77 1.79 0.00	84.28 3.01 0.00	71.85 2.96 0.00	72.83 3.24 0.00	91.79 4.34 0.00	67.73 3.08 0.00	59.11 2.92 0.00	51.04 2.76 0.00	52.88 2.98 0.00	54.55 3.00 0.00	59.28 2.94 0.00	67.20 3.46 0.00	72.17 3.67 0.00	66.51 3.41 0.00	57.40 2.96 0.00	55.24 2.84 0.00	55.61 3.07 0.00	56.02 3.09 0.00	49.62 2.65 0.00
NYPA_POUCH1____GT 24155	59.90 1.77 0.00	57.62 1.40 0.00	51.85 1.23 0.00	48.00 1.23 0.00	47.35 1.22 0.00	56.65 1.67 0.00	84.10 2.83 0.00	71.60 2.70 0.00	72.50 2.92 0.00	91.34 3.89 0.00	67.42 2.77 0.00	58.87 2.68 0.00	50.82 2.55 0.00	52.66 2.77 0.00	54.32 2.77 0.00	59.03 2.69 0.00	66.94 3.20 0.00	71.87 3.36 0.00	66.26 3.15 0.00	57.23 2.79 0.00	55.06 2.66 0.00	55.45 2.91 0.00	55.85 2.92 0.00	49.46 2.50 0.00
NYPA_VERNON____GT2 24162	60.13 1.99 0.00	57.80 1.58 0.00	52.00 1.38 0.00	48.10 1.33 0.00	47.46 1.33 0.00	56.80 1.81 0.00	84.33 3.06 0.00	71.93 3.03 0.00	72.94 3.35 0.00	91.91 4.46 0.00	67.83 3.18 0.00	59.17 2.99 0.00	51.12 2.84 0.00	52.94 3.05 0.00	54.61 3.06 0.00	59.35 3.01 0.00	67.30 3.56 0.00	72.27 3.76 0.00	66.60 3.49 0.00	57.45 3.01 0.00	55.29 2.89 0.00	55.66 3.12 0.00	56.08 3.15 0.00	49.66 2.70 0.00
NYPA_VERNON____GT3 24163	60.13 1.99 0.00	57.80 1.58 0.00	52.00 1.38 0.00	48.10 1.33 0.00	47.46 1.33 0.00	56.80 1.81 0.00	84.33 3.06 0.00	71.93 3.03 0.00	72.94 3.35 0.00	91.91 4.46 0.00	67.83 3.18 0.00	59.17 2.99 0.00	51.12 2.84 0.00	52.94 3.05 0.00	54.61 3.06 0.00	59.35 3.01 0.00	67.30 3.56 0.00	72.27 3.76 0.00	66.60 3.49 0.00	57.45 3.01 0.00	55.29 2.89 0.00	55.66 3.12 0.00	56.08 3.15 0.00	49.66 2.70 0.00
NYPA__ASTORIA_CC1 323568	60.08 1.94 0.00	57.79 1.56 0.00	51.98 1.36 0.00	48.09 1.32 0.00	47.43 1.31 0.00	56.79 1.80 0.00	84.30 3.03 0.00	71.92 3.02 0.00	72.92 3.33 0.00	91.90 4.44 0.00	67.80 3.15 0.00	59.15 2.97 0.00	51.09 2.81 0.00	52.92 3.03 0.00	54.58 3.03 0.00	59.32 2.98 0.00	67.27 3.53 0.00	72.24 3.74 0.00	66.57 3.46 0.00	57.44 3.00 0.00	55.29 2.89 0.00	55.65 3.11 0.00	56.06 3.13 0.00	49.65 2.69 0.00
NYPA__ASTORIA_CC2 323569	60.08 1.94 0.00	57.79 1.56 0.00	51.98 1.36 0.00	48.09 1.32 0.00	47.43 1.31 0.00	56.79 1.80 0.00	84.30 3.03 0.00	71.92 3.02 0.00	72.92 3.33 0.00	91.90 4.44 0.00	67.80 3.15 0.00	59.15 2.97 0.00	51.09 2.81 0.00	52.92 3.03 0.00	54.58 3.03 0.00	59.32 2.98 0.00	67.27 3.53 0.00	72.24 3.74 0.00	66.57 3.46 0.00	57.44 3.00 0.00	55.29 2.89 0.00	55.65 3.11 0.00	56.06 3.13 0.00	49.65 2.69 0.00
NYPA__HOLTSVILL 23794	60.22 2.08 0.00	57.55 1.33 0.00	51.86 1.23 0.00	47.98 1.21 0.00	47.41 1.29 0.00	56.75 1.76 0.00	83.47 2.20 0.00	71.25 2.35 0.00	72.03 2.44 0.00	90.99 3.54 0.00	67.59 2.95 0.00	59.37 3.19 0.00	51.51 3.24 0.00	53.34 3.44 0.00	54.97 3.42 0.00	59.59 3.25 0.00	66.88 3.14 0.00	71.72 3.22 0.00	66.44 3.33 0.00	57.48 3.05 0.00	55.74 3.34 0.00	56.42 3.88 0.00	56.67 3.74 0.00	50.25 3.29 0.00
NYPA__HELLGATE_GT1 24158	59.85 1.71 0.00	57.54 1.32 0.00	51.80 1.17 0.00	47.93 1.16 0.00	47.26 1.14 0.00	56.57 1.58 0.00	83.91 2.65 0.00	71.63 2.73 0.00	72.66 3.07 0.00	91.50 4.05 0.00	67.49 2.85 0.00	58.95 2.77 0.00	50.92 2.64 0.00	52.75 2.86 0.00	54.40 2.85 0.00	59.13 2.78 0.00	67.02 3.28 0.00	72.02 3.52 0.00	66.38 3.27 0.00	57.32 2.88 0.00	55.08 2.68 0.00	55.47 2.93 0.00	55.87 2.93 0.00	49.53 2.57 0.00
NYPA__HELLGATE_GT2 24159	59.85 1.71 0.00	57.54 1.32 0.00	51.80 1.17 0.00	47.93 1.16 0.00	47.26 1.14 0.00	56.57 1.58 0.00	83.91 2.65 0.00	71.63 2.73 0.00	72.66 3.07 0.00	91.50 4.05 0.00	67.49 2.85 0.00	58.95 2.77 0.00	50.92 2.64 0.00	52.75 2.86 0.00	54.40 2.85 0.00	59.13 2.78 0.00	67.02 3.28 0.00	72.02 3.52 0.00	66.38 3.27 0.00	57.32 2.88 0.00	55.08 2.68 0.00	55.47 2.93 0.00	55.87 2.93 0.00	49.53 2.57 0.00
NYS_BARGE__HYD 23848	52.38 -3.49 2.26	48.20 -3.51 4.52	45.34 -3.06 2.22	40.49 -2.85 3.43	42.90 -2.79 0.43	46.30 -4.36 4.32	68.46 -8.14 4.66	58.22 -7.79 2.88	59.70 -7.81 2.08	73.88 -9.99 3.58	55.46 -7.02 2.17	49.49 -6.69 0.00	42.05 -6.23 0.00	43.10 -6.79 0.00	44.37 -7.18 0.00	49.04 -7.30 0.00	55.59 -8.16 0.00	57.92 -9.29 1.30	53.80 -8.59 0.71	46.58 -7.28 0.58	33.55 -6.34 12.51	30.20 -6.68 15.67	32.92 -6.24 13.78	29.63 -5.13 12.21

OAK ORCHARD__HYD 24046	55.30 -1.76 1.07	52.22 -1.85 2.15	47.92 -1.65 1.05	43.59 -1.55 1.63	44.45 -1.47 0.20	50.96 -1.97 2.05	75.68 -3.38 2.22	64.40 -3.12 1.37	65.47 -3.12 0.99	81.68 -4.07 1.70	60.71 -2.90 1.03	53.30 -2.88 0.00	45.53 -2.75 0.00	46.90 -2.99 0.00	48.39 -3.16 0.00	53.18 -3.16 0.00	60.30 -3.45 0.00	64.01 -3.84 0.65	59.31 -3.54 0.26	51.29 -3.01 0.13	49.50 -2.90 0.00	47.00 -3.15 2.41	49.22 -3.01 0.70	44.38 -2.59 0.00
OAKDALE__35_KV_LOAD 356122	57.57 -0.56 0.00	55.60 -0.62 0.00	50.11 -0.52 0.00	46.31 -0.46 0.00	45.69 -0.43 0.00	54.44 -0.54 0.00	80.31 -0.95 0.00	68.07 -0.83 0.00	68.74 -0.84 0.00	86.34 -1.12 0.00	63.91 -0.74 0.00	55.43 -0.75 0.00	47.55 -0.73 0.00	49.12 -0.77 0.00	50.78 -0.77 0.00	55.62 -0.72 0.00	62.85 -0.89 0.00	67.96 -1.13 -0.59	62.09 -1.03 0.00	53.79 -0.94 -0.29	51.52 -0.88 0.00	57.12 -0.96 -5.54	53.58 -0.98 -1.63	46.09 -0.87 0.00
OCC_CHEM__DRP 24175	53.74 -4.39 0.00	51.75 -4.48 0.00	46.70 -3.93 0.00	43.13 -3.65 0.00	42.45 -3.67 0.00	49.90 -5.09 0.00	71.73 -9.54 0.00	59.83 -9.07 0.00	60.56 -9.03 0.00	76.03 -11.42 0.00	56.62 -8.02 0.00	48.62 -7.56 0.00	41.35 -6.93 0.00	42.41 -7.49 0.00	43.63 -7.92 0.00	48.14 -8.20 0.00	54.46 -9.28 0.00	57.51 -10.53 0.46	53.17 -9.74 0.20	45.57 -8.24 0.63	30.89 -7.52 13.99	27.38 -7.85 17.32	30.19 -7.39 15.35	27.27 -6.07 13.63
OH_GEN_PROXY 24063	51.24 -4.17 2.72	46.60 -4.19 5.43	44.26 -3.70 2.67	39.20 -3.45 4.13	42.19 -3.42 0.51	44.98 -4.80 5.20	67.00 -8.66 5.60	57.33 -8.10 3.47	58.95 -8.14 2.50	72.79 -10.35 4.31	54.71 -7.33 2.60	49.32 -6.87 0.00	41.95 -6.32 0.00	43.05 -6.84 0.00	44.33 -7.22 0.00	47.64 -7.45 1.25	55.31 -8.43 0.00	57.49 -9.54 1.48	53.46 -8.82 0.82	46.36 -7.48 0.60	32.84 -6.97 12.59	29.32 -7.30 15.93	32.17 -6.85 13.91	29.07 -5.63 12.26
OLIN_CORP_DRP 24177	53.80 -4.33 0.00	51.90 -4.33 0.00	46.85 -3.77 0.00	43.27 -3.50 0.00	42.69 -3.44 0.00	49.69 -5.29 0.00	71.64 -9.63 0.00	59.67 -9.22 0.00	60.40 -9.19 0.00	75.79 -11.67 0.00	56.42 -8.22 0.00	48.51 -7.67 0.00	41.25 -7.03 0.00	42.29 -7.60 0.00	43.51 -8.04 0.00	48.05 -8.29 0.00	54.39 -9.35 0.00	57.38 -10.65 0.47	53.08 -9.83 0.20	45.44 -8.37 0.63	31.15 -7.40 13.85	27.71 -7.66 17.18	30.60 -7.13 15.21	27.62 -5.83 13.52
OLIN_CORP_DSASP 323712	53.74 -4.39 0.00	51.75 -4.48 0.00	46.70 -3.93 0.00	43.13 -3.65 0.00	42.45 -3.67 0.00	49.90 -5.09 0.00	71.73 -9.54 0.00	59.83 -9.07 0.00	60.56 -9.03 0.00	76.03 -11.42 0.00	56.62 -8.02 0.00	48.62 -7.56 0.00	41.35 -6.93 0.00	42.41 -7.49 0.00	43.63 -7.92 0.00	48.14 -8.20 0.00	54.46 -9.28 0.00	57.51 -10.53 0.46	53.17 -9.74 0.20	45.57 -8.24 0.63	30.89 -7.52 13.99	27.38 -7.85 17.32	30.19 -7.39 15.35	27.27 -6.07 13.63
ONEIDA_HERK_LFGE 323681	59.44 1.30 0.00	57.54 1.31 0.00	51.62 1.00 0.00	47.52 0.75 0.00	46.81 0.69 0.00	56.25 1.26 0.00	83.12 1.85 0.00	70.05 1.15 0.00	70.59 1.01 0.00	88.32 0.86 0.00	65.42 0.78 0.00	56.66 0.47 0.00	48.28 0.00 0.00	49.78 -0.11 0.00	51.73 0.18 0.00	57.18 0.83 0.00	64.49 0.75 0.00	69.61 1.11 0.00	64.25 1.14 0.00	55.30 0.86 0.00	53.03 0.63 0.00	52.96 0.41 0.00	53.18 0.25 0.00	47.07 0.10 0.00
ONEIDA__115KV_TB4 55905	59.24 1.11 0.00	57.30 1.07 0.00	51.56 0.93 0.00	47.55 0.78 0.00	46.94 0.81 0.00	56.19 1.21 0.00	83.23 1.96 0.00	70.45 1.55 0.00	71.00 1.42 0.00	88.96 1.51 0.00	65.74 1.10 0.00	56.96 0.77 0.00	48.65 0.37 0.00	50.30 0.40 0.00	52.22 0.68 0.00	57.31 0.97 0.00	64.98 1.24 0.00	70.06 1.55 0.00	64.56 1.45 0.00	55.64 1.21 0.00	53.38 0.98 0.00	53.40 0.85 0.00	53.67 0.73 0.00	47.50 0.53 0.00
ONONDAGA_REF_OCCRA 23987	57.27 -0.87 0.00	55.32 -0.91 0.00	49.81 -0.81 0.00	45.99 -0.78 0.00	45.41 -0.71 0.00	54.19 -0.80 0.00	80.11 -1.16 0.00	67.94 -0.96 0.00	68.60 -0.98 0.00	86.10 -1.35 0.00	63.67 -0.98 0.00	55.16 -1.03 0.00	47.32 -0.96 0.00	48.91 -0.99 0.00	50.57 -0.98 0.00	55.39 -0.95 0.00	62.67 -1.07 0.00	67.35 -1.15 0.00	62.08 -1.03 0.00	53.51 -0.93 0.00	51.49 -0.91 0.00	51.57 -0.97 0.00	51.93 -1.01 0.00	46.04 -0.92 0.00
ONONDAGA__COGEN 23986	57.15 -0.99 0.00	55.18 -1.05 0.00	49.73 -0.90 0.00	45.89 -0.88 0.00	45.31 -0.81 0.00	54.10 -0.88 0.00	79.98 -1.29 0.00	67.76 -1.14 0.00	68.45 -1.13 0.00	85.90 -1.55 0.00	63.49 -1.15 0.00	55.02 -1.17 0.00	47.24 -1.04 0.00	48.83 -1.06 0.00	50.47 -1.08 0.00	55.26 -1.09 0.00	62.54 -1.20 0.00	67.23 -1.27 0.00	61.97 -1.14 0.00	53.41 -1.03 0.00	51.40 -1.00 0.00	51.49 -1.05 0.00	51.86 -1.08 0.00	45.96 -1.01 0.00
ONTARIO__LFGE 23819	56.92 -1.22 0.00	54.91 -1.32 0.00	49.66 -0.97 0.00	46.03 -0.73 0.00	45.60 -0.52 0.00	54.21 -0.78 0.00	79.38 -1.89 0.00	67.24 -1.66 0.00	67.78 -1.81 0.00	84.89 -2.57 0.00	62.74 -1.91 0.00	54.20 -1.98 0.00	46.53 -1.74 0.00	47.96 -1.94 0.00	49.46 -2.09 0.00	54.32 -2.02 0.00	61.62 -2.12 0.00	65.80 -2.32 0.38	60.96 -2.26 -0.11	52.52 -1.96 -0.04	57.92 -2.04 -7.56	53.91 -2.32 -3.68	57.19 -2.37 -6.63	52.16 -2.17 -7.37
ORANGEVILLE_WT_PWR 323706	54.31 -2.61 1.21	51.14 -2.66 2.42	47.20 -2.24 1.19	42.92 -2.01 1.84	43.97 -1.92 0.23	49.75 -2.92 2.32	73.24 -5.52 2.50	62.11 -5.24 1.55	63.06 -5.42 1.11	78.41 -7.12 1.92	58.48 -5.00 1.17	51.24 -4.94 0.00	43.72 -4.56 0.00	44.91 -4.99 0.00	46.41 -5.14 0.00	51.01 -5.33 0.00	57.70 -6.04 0.00	60.56 -6.86 1.09	55.63 -6.42 1.06	46.85 -5.74 1.85	-5.32 -5.77 51.95	-8.78 -6.34 54.99	-7.62 -6.29 54.27	-9.06 -5.40 50.62
ORANGEVILLE__ESR 323794	54.31 -2.61 1.21	51.14 -2.66 2.42	47.20 -2.24 1.19	42.92 -2.01 1.84	43.97 -1.92 0.23	49.75 -2.92 2.32	73.24 -5.52 2.50	62.11 -5.24 1.55	63.06 -5.42 1.11	78.41 -7.12 1.92	58.48 -5.00 1.17	51.24 -4.94 0.00	43.72 -4.56 0.00	44.91 -4.99 0.00	46.41 -5.14 0.00	51.01 -5.33 0.00	57.70 -6.04 0.00	60.56 -6.86 1.09	55.63 -6.42 1.06	46.85 -5.74 1.85	-5.32 -5.77 51.95	-8.78 -6.34 54.99	-7.62 -6.29 54.27	-9.06 -5.40 50.62
OSWEGATCHIE__HYD 24044	59.40 1.26 0.00	57.58 1.35 0.00	51.56 0.93 0.00	47.52 0.75 0.00	46.78 0.66 0.00	56.18 1.19 0.00	82.78 1.51 0.00	69.54 0.64 0.00	69.80 0.21 0.00	86.93 -0.52 0.00	64.38 -0.27 0.00	55.67 -0.51 0.00	47.28 -1.00 0.00	48.62 -1.28 0.00	50.57 -0.98 0.00	56.35 0.01 0.00	63.49 -0.25 0.00	68.48 -0.02 0.00	62.95 -0.16 0.00	54.09 -0.34 0.00	51.86 -0.54 0.00	51.86 -0.69 0.00	52.35 -0.59 0.00	46.50 -0.46 0.00
OSWEGO__5 23606	56.25 -1.89 0.00	54.36 -1.87 0.00	48.94 -1.68 0.00	45.19 -1.58 0.00	44.60 -1.52 0.00	53.20 -1.79 0.00	78.60 -2.67 0.00	66.58 -2.31 0.00	67.28 -2.30 0.00	84.47 -2.99 0.00	62.44 -2.21 0.00	54.17 -2.01 0.00	46.49 -1.79 0.00	48.03 -1.86 0.00	49.65 -1.90 0.00	54.34 -2.00 0.00	61.48 -2.26 0.00	66.07 -2.43 0.00	60.89 -2.22 0.00	52.52 -1.91 0.00	50.56 -1.84 0.00	50.67 -1.87 0.00	51.07 -1.87 0.00	45.29 -1.67 0.00

OSWEGO___6 23613	56.25 -1.89 0.00	54.36 -1.87 0.00	48.94 -1.68 0.00	45.19 -1.58 0.00	44.60 -1.52 0.00	53.20 -1.79 0.00	78.60 -2.67 0.00	66.58 -2.31 0.00	67.28 -2.30 0.00	84.47 -2.99 0.00	62.44 -2.21 0.00	54.17 -2.01 0.00	46.49 -1.79 0.00	48.03 -1.86 0.00	49.65 -1.90 0.00	54.34 -2.00 0.00	61.48 -2.26 0.00	66.07 -2.43 0.00	60.89 -2.22 0.00	52.52 -1.91 0.00	50.56 -1.84 0.00	50.67 -1.87 0.00	51.07 -1.87 0.00	45.29 -1.67 0.00
OUTOKUMPU-AB___DRP 24206	55.10 -3.03 0.00	53.05 -3.18 0.00	47.86 -2.77 0.00	44.21 -2.56 0.00	43.57 -2.56 0.00	51.13 -3.86 0.00	73.87 -7.40 0.00	61.71 -7.18 0.00	62.46 -7.12 0.00	78.39 -9.07 0.00	58.34 -6.31 0.00	50.09 -6.09 0.00	42.57 -5.71 0.00	43.68 -6.22 0.00	44.97 -6.58 0.00	49.63 -6.71 0.00	56.21 -7.53 0.00	59.35 -8.68 0.48	54.90 -8.00 0.21	46.99 -6.81 0.65	31.72 -6.26 14.42	28.15 -6.59 17.81	30.93 -6.20 15.81	27.83 -5.08 14.06
OXBOW___BTM 323836	51.78 -3.80 2.56	47.23 -3.89 5.10	44.70 -3.42 2.51	39.72 -3.17 3.88	42.49 -3.15 0.48	45.56 -4.54 4.89	67.45 -8.56 5.27	57.51 -8.13 3.26	59.12 -8.12 2.35	73.09 -10.32 4.05	54.98 -7.21 2.46	49.31 -6.87 0.00	41.92 -6.36 0.00	43.00 -6.89 0.00	44.25 -7.30 0.00	48.85 -7.49 0.00	55.28 -8.46 0.00	57.43 -9.64 1.42	53.38 -8.92 0.81	46.24 -7.55 0.65	31.36 -6.83 14.21	27.81 -7.17 17.57	30.64 -6.71 15.58	27.61 -5.51 13.84
OXBOW___ 24026	54.36 -3.77 0.00	52.34 -3.89 0.00	47.21 -3.42 0.00	43.61 -3.16 0.00	42.95 -3.17 0.00	50.46 -4.53 0.00	72.71 -8.56 0.00	60.69 -8.21 0.00	61.45 -8.13 0.00	77.13 -10.32 0.00	57.43 -7.22 0.00	49.31 -6.88 0.00	41.92 -6.36 0.00	43.00 -6.89 0.00	44.25 -7.30 0.00	48.84 -7.50 0.00	55.29 -8.45 0.00	58.37 -9.66 0.47	53.98 -8.93 0.21	46.23 -7.58 0.64	31.25 -6.94 14.20	27.71 -7.27 17.57	30.51 -6.85 15.58	27.50 -5.62 13.84
OXY_CHEM_DSASP 323612	53.74 -4.39 0.00	51.75 -4.48 0.00	46.70 -3.93 0.00	43.13 -3.65 0.00	42.45 -3.67 0.00	49.90 -5.09 0.00	71.73 -9.54 0.00	59.83 -9.07 0.00	60.56 -9.03 0.00	76.03 -11.42 0.00	56.62 -8.02 0.00	48.62 -7.56 0.00	41.35 -6.93 0.00	42.41 -7.49 0.00	43.63 -7.92 0.00	48.14 -8.20 0.00	54.46 -9.28 0.00	57.51 -10.53 0.46	53.17 -9.74 0.20	45.57 -8.24 0.63	30.89 -7.52 13.99	27.38 -7.85 17.32	30.19 -7.39 15.35	27.27 -6.07 13.63
OZONE_PARK_ESR 323760	60.49 2.36 0.00	58.17 1.95 0.00	52.31 1.68 0.00	48.37 1.60 0.00	47.73 1.60 0.00	57.15 2.17 0.00	84.89 3.62 0.00	72.44 3.54 0.00	73.45 3.87 0.00	92.55 5.10 0.00	68.38 3.73 0.00	59.64 3.45 0.00	51.48 3.21 0.00	53.34 3.44 0.00	55.02 3.47 0.00	59.82 3.48 0.00	67.85 4.11 0.00	72.89 4.39 0.00	67.16 4.05 0.00	57.91 3.48 0.00	55.72 3.32 0.00	56.10 3.55 0.00	56.55 3.61 0.00	50.04 3.08 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	53.74 -4.39 0.00	51.75 -4.48 0.00	46.70 -3.93 0.00	43.13 -3.65 0.00	42.45 -3.67 0.00	49.90 -5.09 0.00	71.73 -9.54 0.00	59.83 -9.07 0.00	60.56 -9.03 0.00	76.03 -11.42 0.00	56.62 -8.02 0.00	48.62 -7.56 0.00	41.35 -6.93 0.00	42.41 -7.49 0.00	43.63 -7.92 0.00	48.14 -8.20 0.00	54.46 -9.28 0.00	57.51 -10.53 0.46	53.17 -9.74 0.20	45.57 -8.24 0.63	30.89 -7.52 13.99	27.38 -7.85 17.32	30.19 -7.39 15.35	27.27 -6.07 13.63
PACKARD__115KV_DUPONT_184 80571	51.17 -4.40 2.56	46.65 -4.46 5.11	44.18 -3.94 2.51	39.23 -3.65 3.89	41.98 -3.66 0.48	44.98 -5.12 4.90	66.45 -9.55 5.28	56.64 -8.99 3.27	58.23 -9.01 2.35	71.98 -11.42 4.06	54.17 -8.01 2.46	48.62 -7.56 0.00	41.35 -6.93 0.00	42.40 -7.49 0.00	43.63 -7.92 0.00	48.14 -8.20 0.00	54.46 -9.28 0.00	56.57 -10.51 1.42	52.57 -9.73 0.81	45.58 -8.22 0.64	30.99 -7.43 13.99	27.45 -7.77 17.32	30.32 -7.26 15.35	27.38 -5.95 13.63
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	59.91 1.77 0.00	57.63 1.40 0.00	51.86 1.24 0.00	47.98 1.21 0.00	47.31 1.18 0.00	56.63 1.65 0.00	84.07 2.81 0.00	71.75 2.85 0.00	72.72 3.13 0.00	91.58 4.13 0.00	67.57 2.92 0.00	59.00 2.82 0.00	50.96 2.68 0.00	52.79 2.89 0.00	54.44 2.89 0.00	59.18 2.84 0.00	67.10 3.36 0.00	72.08 3.57 0.00	66.40 3.29 0.00	57.32 2.89 0.00	55.10 2.70 0.00	55.49 2.95 0.00	55.88 2.95 0.00	49.54 2.57 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	61.72 3.58 0.00	59.39 3.17 0.00	53.47 2.85 0.00	49.48 2.71 0.00	48.82 2.70 0.00	58.48 3.50 0.00	86.84 5.57 0.00	74.05 5.15 0.00	74.94 5.36 0.00	94.27 6.81 0.00	69.55 4.91 0.00	60.70 4.51 0.00	52.40 4.12 0.00	54.27 4.37 0.00	55.94 4.39 0.00	60.83 4.49 0.00	69.03 5.29 0.00	74.11 5.61 0.00	68.25 5.14 0.00	58.90 4.47 0.00	56.62 4.22 0.00	56.99 4.45 0.00	57.40 4.47 0.00	50.88 3.92 0.00
PATROON__115KV_TB1 80586	60.27 2.13 0.00	58.33 2.10 0.00	52.54 1.92 0.00	48.53 1.76 0.00	47.80 1.67 0.00	56.99 2.00 0.00	84.26 2.99 0.00	71.56 2.66 0.00	72.23 2.65 0.00	90.88 3.43 0.00	67.13 2.48 0.00	58.44 2.26 0.00	50.40 2.12 0.00	52.12 2.23 0.00	53.76 2.21 0.00	58.58 2.24 0.00	66.40 2.66 0.00	71.37 2.87 0.00	65.81 2.70 0.00	56.84 2.40 0.00	54.62 2.22 0.00	54.84 2.29 0.00	55.16 2.23 0.00	48.90 1.94 0.00
PATRSNVILLE___SOLAR 323815	59.63 1.49 0.00	57.68 1.46 0.00	51.94 1.31 0.00	47.98 1.21 0.00	47.30 1.18 0.00	56.46 1.47 0.00	83.58 2.32 0.00	70.88 1.98 0.00	71.50 1.92 0.00	89.51 2.05 0.00	66.04 1.40 0.00	57.32 1.14 0.00	49.33 1.05 0.00	50.90 1.01 0.00	52.81 1.26 0.00	57.77 1.44 0.00	65.25 1.51 0.00	70.35 1.85 0.00	64.90 1.80 0.00	55.99 1.56 0.00	54.01 1.61 0.00	54.17 1.62 0.00	54.48 1.54 0.00	48.28 1.32 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	56.77 -1.37 0.00	54.80 -1.42 0.00	49.35 -1.28 0.00	45.61 -1.16 0.00	44.89 -1.23 0.00	52.95 -2.04 0.00	76.79 -4.48 0.00	64.66 -4.24 0.00	65.35 -4.23 0.00	81.89 -5.56 0.00	60.47 -4.18 0.00	51.94 -4.25 0.00	44.17 -4.11 0.00	45.34 -4.55 0.00	46.68 -4.87 0.00	51.51 -4.83 0.00	58.37 -5.37 0.00	61.64 -6.34 0.52	57.02 -5.87 0.21	48.74 -5.02 0.68	32.77 -4.85 14.78	28.69 -5.19 18.66	31.74 -4.86 16.33	28.58 -3.98 14.41
PAWLING_115_KV_BK3_REV_LBMP_H 345028	60.32 2.18 0.00	58.08 1.86 0.00	52.25 1.62 0.00	48.30 1.53 0.00	47.64 1.52 0.00	57.04 2.06 0.00	84.72 3.45 0.00	72.14 3.24 0.00	73.07 3.48 0.00	92.04 4.58 0.00	67.99 3.34 0.00	59.19 3.01 0.00	51.04 2.76 0.00	52.87 2.97 0.00	54.58 3.03 0.00	59.36 3.02 0.00	67.33 3.58 0.00	72.39 3.89 0.00	66.77 3.66 0.00	57.64 3.20 0.00	55.47 3.07 0.00	55.74 3.20 0.00	56.09 3.15 0.00	49.67 2.71 0.00
PEEKSKILL____ 23653	59.54 1.41 0.00	57.32 1.10 0.00	51.56 0.94 0.00	47.70 0.93 0.00	47.04 0.91 0.00	56.28 1.29 0.00	83.55 2.28 0.00	71.11 2.21 0.00	72.07 2.48 0.00	90.80 3.34 0.00	67.09 2.44 0.00	58.51 2.32 0.00	50.51 2.23 0.00	52.32 2.42 0.00	53.99 2.44 0.00	58.68 2.34 0.00	66.56 2.82 0.00	71.50 3.00 0.00	65.91 2.80 0.00	56.85 2.41 0.00	54.73 2.33 0.00	55.07 2.52 0.00	55.45 2.52 0.00	49.09 2.13 0.00

PGE MADISON___WINDPWR 24146	59.48 1.34 0.00	57.45 1.23 0.00	51.80 1.18 0.00	47.97 1.20 0.00	48.11 1.99 0.00	57.58 2.59 0.00	86.08 4.81 0.00	73.47 4.58 0.00	73.63 4.04 0.00	91.97 4.51 0.00	68.07 3.42 0.00	58.73 2.55 0.00	49.85 1.57 0.00	51.46 1.57 0.00	53.32 1.77 0.00	58.63 2.29 0.00	66.24 2.50 0.00	71.13 2.54 -0.09	65.64 2.50 -0.03	55.91 1.36 -0.11	55.26 0.62 -2.24	55.76 0.24 -2.97	55.36 -0.09 -2.52	48.83 -0.32 -2.19
PIERCEFIELD___HYD 23852	59.55 1.41 0.00	57.72 1.50 0.00	51.87 1.24 0.00	48.02 1.25 0.00	47.37 1.25 0.00	56.39 1.40 0.00	83.16 1.89 0.00	70.25 1.36 0.00	70.49 0.91 0.00	88.01 0.56 0.00	64.85 0.20 0.00	56.22 0.03 0.00	48.05 -0.23 0.00	49.47 -0.42 0.00	51.29 -0.27 0.00	56.62 0.28 0.00	64.37 0.63 0.00	69.12 0.62 0.00	63.14 0.03 0.00	54.35 -0.09 0.00	52.24 -0.15 0.00	52.40 -0.14 0.00	53.13 0.19 0.00	47.42 0.46 0.00
PINELAWN_CC_1 323563	60.50 2.36 0.00	57.96 1.73 0.00	52.17 1.55 0.00	48.26 1.49 0.00	47.67 1.55 0.00	57.04 2.05 0.00	84.13 2.87 0.00	71.79 2.89 0.00	72.59 3.01 0.00	91.56 4.10 0.00	68.01 3.37 0.00	59.66 3.47 0.00	51.71 3.43 0.00	53.52 3.62 0.00	55.15 3.60 0.00	59.85 3.51 0.00	67.33 3.59 0.00	72.29 3.79 0.00	66.92 3.81 0.00	57.83 3.39 0.00	55.90 3.51 0.00	56.46 3.91 0.00	56.77 3.83 0.00	50.31 3.35 0.00
PJM_GEN_HTP_PROXY 323702	59.91 1.78 0.00	57.63 1.40 0.00	51.83 1.20 0.00	47.95 1.17 0.00	47.30 1.17 0.00	56.61 1.62 0.00	84.05 2.78 0.00	71.66 2.76 0.00	72.66 3.08 0.00	91.59 4.13 0.00	67.67 3.03 0.00	59.02 2.84 0.00	50.96 2.68 0.00	52.80 2.90 0.00	54.46 2.91 0.00	59.20 2.86 0.00	67.11 3.37 0.00	72.09 3.59 0.00	66.43 3.32 0.00	57.28 2.85 0.00	55.13 2.73 0.00	55.51 2.96 0.00	55.93 3.00 0.00	49.53 2.57 0.00
PJM_GEN_KEystone 24065	38.58 -1.00 18.55	49.88 -1.17 5.18	47.04 -1.05 2.54	32.19 -0.93 13.64	32.41 -0.91 12.80	28.68 -1.21 25.09	44.32 -2.14 34.81	53.96 -1.73 13.10	29.69 -2.20 38.16	39.60 -1.55 45.65	49.56 -1.40 13.54	51.50 -1.24 3.29	46.97 -1.26 0.07	41.33 -1.36 7.31	35.78 -1.51 14.41	29.04 -1.58 25.79	47.31 -1.91 14.85	65.37 -1.75 1.23	60.70 -1.53 0.66	52.68 -1.42 0.24	41.83 -1.42 9.15	45.46 -1.42 5.67	46.54 -1.31 5.08	29.63 -1.12 16.21
PJM_GEN_NEPTUNE_PROXY 323594	59.72 1.58 0.00	57.29 1.06 0.00	51.56 0.94 0.00	47.70 0.93 0.00	47.10 0.97 0.00	56.31 1.32 0.00	83.20 1.94 0.00	70.96 2.06 0.00	71.82 2.23 0.00	90.58 3.13 0.00	67.19 2.54 0.00	58.87 2.68 0.00	51.00 2.72 0.00	52.78 2.88 0.00	54.39 2.84 0.00	59.00 2.66 0.00	66.45 2.72 0.00	71.42 2.92 0.00	66.04 2.93 0.00	57.04 2.60 0.00	55.09 2.69 0.00	55.61 3.07 0.00	55.93 3.00 0.00	49.58 2.62 0.00
PJM_GEN_VFT_PROXY 323633	59.65 1.51 0.00	57.37 1.15 0.00	51.59 0.96 0.00	47.73 0.96 0.00	47.10 0.97 0.00	56.35 1.36 0.00	83.70 2.43 0.00	71.37 2.47 0.00	72.38 2.79 0.00	91.23 3.77 0.00	67.38 2.74 0.00	58.80 2.61 0.00	50.75 2.47 0.00	52.59 2.69 0.00	54.25 2.70 0.00	58.96 2.62 0.00	66.90 3.16 0.00	71.86 3.36 0.00	66.21 3.10 0.00	57.08 2.64 0.00	54.93 2.53 0.00	55.32 2.77 0.00	55.73 2.80 0.00	49.34 2.38 0.00
PLATSBURG_115KV_PMLD1 355749	59.71 1.58 0.00	57.87 1.65 0.00	52.06 1.43 0.00	48.02 1.25 0.00	47.35 1.22 0.00	56.00 1.02 0.00	82.56 1.30 0.00	69.84 0.94 0.00	70.35 0.76 0.00	88.24 0.79 0.00	65.08 0.43 0.00	56.63 0.44 0.00	48.54 0.26 0.00	49.96 0.06 0.00	51.58 0.03 0.00	56.44 0.11 0.00	64.08 0.34 0.00	69.20 0.69 0.00	63.91 0.81 0.00	54.96 0.53 0.00	52.71 0.31 0.00	53.10 0.56 0.00	53.89 0.96 0.00	47.79 0.82 0.00
PLEASANTVLY___LBMP 24000	59.38 1.24 0.00	57.25 1.02 0.00	51.49 0.86 0.00	47.62 0.85 0.00	46.95 0.83 0.00	56.16 1.18 0.00	83.36 2.09 0.00	70.90 2.01 0.00	71.85 2.26 0.00	90.51 3.05 0.00	66.85 2.20 0.00	58.24 2.06 0.00	50.26 1.98 0.00	52.06 2.16 0.00	53.72 2.18 0.00	58.39 2.05 0.00	66.20 2.46 0.00	71.17 2.67 0.00	65.64 2.53 0.00	56.64 2.21 0.00	54.51 2.11 0.00	54.81 2.27 0.00	55.18 2.25 0.00	48.90 1.93 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	59.96 1.82 0.00	57.74 1.52 0.00	51.92 1.29 0.00	48.00 1.23 0.00	47.35 1.23 0.00	56.66 1.68 0.00	84.12 2.86 0.00	71.67 2.77 0.00	72.62 3.03 0.00	91.52 4.06 0.00	67.62 2.97 0.00	58.95 2.77 0.00	50.89 2.61 0.00	52.71 2.82 0.00	54.38 2.83 0.00	59.11 2.77 0.00	67.01 3.27 0.00	72.00 3.50 0.00	66.39 3.28 0.00	57.28 2.84 0.00	55.12 2.72 0.00	55.44 2.90 0.00	55.82 2.89 0.00	49.44 2.48 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	59.96 1.82 0.00	57.74 1.52 0.00	51.92 1.29 0.00	48.00 1.23 0.00	47.35 1.23 0.00	56.66 1.68 0.00	84.12 2.86 0.00	71.67 2.77 0.00	72.62 3.03 0.00	91.52 4.06 0.00	67.62 2.97 0.00	58.95 2.77 0.00	50.89 2.61 0.00	52.71 2.82 0.00	54.38 2.83 0.00	59.11 2.77 0.00	67.01 3.27 0.00	72.00 3.50 0.00	66.39 3.28 0.00	57.28 2.84 0.00	55.12 2.72 0.00	55.44 2.90 0.00	55.82 2.89 0.00	49.44 2.48 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	59.98 1.84 0.00	57.81 1.58 0.00	52.00 1.37 0.00	48.08 1.31 0.00	47.41 1.29 0.00	56.73 1.74 0.00	84.26 2.99 0.00	71.71 2.81 0.00	72.62 3.03 0.00	91.43 3.98 0.00	67.53 2.89 0.00	58.86 2.68 0.00	50.75 2.47 0.00	52.51 2.61 0.00	54.15 2.60 0.00	58.90 2.56 0.00	66.79 3.05 0.00	71.85 3.35 0.00	66.27 3.16 0.00	57.23 2.79 0.00	55.09 2.69 0.00	55.34 2.79 0.00	55.69 2.75 0.00	49.31 2.35 0.00
POLETTI___ 23519	59.79 1.65 0.00	57.49 1.26 0.00	51.71 1.08 0.00	47.83 1.06 0.00	47.18 1.05 0.00	56.49 1.51 0.00	83.88 2.61 0.00	71.53 2.63 0.00	72.53 2.94 0.00	91.42 3.96 0.00	67.53 2.88 0.00	58.91 2.72 0.00	50.86 2.58 0.00	52.69 2.80 0.00	54.36 2.81 0.00	59.09 2.75 0.00	67.00 3.26 0.00	71.96 3.46 0.00	66.30 3.19 0.00	57.16 2.72 0.00	55.00 2.60 0.00	55.43 2.89 0.00	55.96 3.03 0.00	49.57 2.61 0.00
POMONA___ESR 323819	59.47 1.34 0.00	57.27 1.04 0.00	51.52 0.89 0.00	47.64 0.88 0.00	46.99 0.87 0.00	56.22 1.24 0.00	83.50 2.23 0.00	71.05 2.16 0.00	72.00 2.42 0.00	90.72 3.27 0.00	67.04 2.39 0.00	58.47 2.28 0.00	50.46 2.18 0.00	52.29 2.40 0.00	53.95 2.40 0.00	58.64 2.30 0.00	66.56 2.82 0.00	71.49 2.99 0.00	65.89 2.78 0.00	56.82 2.38 0.00	54.67 2.27 0.00	55.03 2.48 0.00	55.40 2.46 0.00	49.03 2.07 0.00
PORT_JEFF_3 23555	60.35 2.22 0.00	57.66 1.44 0.00	51.95 1.33 0.00	48.08 1.31 0.00	47.50 1.38 0.00	56.86 1.88 0.00	83.64 2.37 0.00	71.39 2.50 0.00	72.19 2.61 0.00	91.22 3.77 0.00	67.75 3.11 0.00	59.53 3.34 0.00	51.62 3.34 0.00	53.45 3.56 0.00	55.09 3.54 0.00	59.73 3.39 0.00	67.06 3.32 0.00	71.91 3.41 0.00	66.62 3.51 0.00	57.63 3.19 0.00	55.88 3.48 0.00	56.57 4.02 0.00	56.80 3.87 0.00	50.37 3.41 0.00

PORT_JEFF_4 23616	60.35 2.22 0.00	57.66 1.44 0.00	51.95 1.33 0.00	48.08 1.31 0.00	47.50 1.38 0.00	56.86 1.88 0.00	83.64 2.37 0.00	71.39 2.50 0.00	72.19 2.61 0.00	91.22 3.77 0.00	67.75 3.11 0.00	59.53 3.34 0.00	51.62 3.34 0.00	53.45 3.56 0.00	55.09 3.54 0.00	59.73 3.39 0.00	67.06 3.32 0.00	71.91 3.41 0.00	66.62 3.51 0.00	57.63 3.19 0.00	55.88 3.48 0.00	56.57 4.02 0.00	56.80 3.87 0.00	50.37 3.41 0.00
PORT_JEFF_IC 23713	60.41 2.28 0.00	57.67 1.44 0.00	51.96 1.33 0.00	48.09 1.32 0.00	47.54 1.41 0.00	56.89 1.91 0.00	83.64 2.38 0.00	71.51 2.61 0.00	72.22 2.64 0.00	91.31 3.86 0.00	67.81 3.16 0.00	59.59 3.40 0.00	51.67 3.39 0.00	53.51 3.61 0.00	55.16 3.61 0.00	59.80 3.46 0.00	67.13 3.38 0.00	71.97 3.47 0.00	66.68 3.57 0.00	57.69 3.25 0.00	55.96 3.56 0.00	56.66 4.11 0.00	56.89 3.95 0.00	50.45 3.48 0.00
PPL_PILGRIM_ST_GT1 24216	60.66 2.53 0.00	58.06 1.84 0.00	52.30 1.67 0.00	48.38 1.61 0.00	47.80 1.68 0.00	57.13 2.15 0.00	84.02 2.75 0.00	71.47 2.57 0.00	72.08 2.49 0.00	91.02 3.57 0.00	67.94 3.30 0.00	59.70 3.52 0.00	51.90 3.62 0.00	53.70 3.81 0.00	55.31 3.76 0.00	59.99 3.65 0.00	66.99 3.24 0.00	71.78 3.28 0.00	66.69 3.58 0.00	57.78 3.34 0.00	55.92 3.52 0.00	56.52 3.98 0.00	56.86 3.92 0.00	50.52 3.56 0.00
PPL_PILGRIM_ST_GT2 24217	60.66 2.53 0.00	58.06 1.84 0.00	52.30 1.67 0.00	48.38 1.61 0.00	47.80 1.68 0.00	57.13 2.15 0.00	84.02 2.75 0.00	71.47 2.57 0.00	72.08 2.49 0.00	91.02 3.57 0.00	67.94 3.30 0.00	59.70 3.52 0.00	51.90 3.62 0.00	53.70 3.81 0.00	55.31 3.76 0.00	59.99 3.65 0.00	66.99 3.24 0.00	71.78 3.28 0.00	66.69 3.58 0.00	57.78 3.34 0.00	55.92 3.52 0.00	56.52 3.98 0.00	56.86 3.92 0.00	50.52 3.56 0.00
PPL_SHRM_GT3 24213	60.14 2.00 0.00	57.04 0.81 0.00	51.50 0.87 0.00	47.81 1.04 0.00	47.27 1.15 0.00	56.54 1.56 0.00	82.41 1.14 0.00	70.46 1.56 0.00	71.22 1.63 0.00	90.73 3.27 0.00	67.35 2.70 0.00	59.33 3.14 0.00	51.43 3.16 0.00	53.32 3.43 0.00	55.18 3.63 0.00	59.81 3.47 0.00	66.75 3.01 0.00	71.12 2.61 0.00	65.97 2.86 0.00	57.27 2.83 0.00	56.04 3.64 0.00	56.99 4.45 0.00	57.14 4.20 0.00	50.66 3.69 0.00
PPL_SHRM_GT4 24214	60.14 2.00 0.00	57.04 0.81 0.00	51.50 0.87 0.00	47.81 1.04 0.00	47.27 1.15 0.00	56.54 1.56 0.00	82.41 1.14 0.00	70.46 1.56 0.00	71.22 1.63 0.00	90.73 3.27 0.00	67.35 2.70 0.00	59.33 3.14 0.00	51.43 3.16 0.00	53.32 3.43 0.00	55.18 3.63 0.00	59.81 3.47 0.00	66.75 3.01 0.00	71.12 2.61 0.00	65.97 2.86 0.00	57.27 2.83 0.00	56.04 3.64 0.00	56.99 4.45 0.00	57.14 4.20 0.00	50.66 3.69 0.00
PROJECT___ORANGE 1 24174	56.89 -1.25 0.00	54.95 -1.27 0.00	49.49 -1.13 0.00	45.70 -1.07 0.00	45.11 -1.01 0.00	53.82 -1.17 0.00	79.53 -1.73 0.00	67.43 -1.47 0.00	68.12 -1.46 0.00	85.54 -1.91 0.00	63.26 -1.38 0.00	54.85 -1.34 0.00	47.07 -1.21 0.00	48.64 -1.26 0.00	50.27 -1.28 0.00	55.03 -1.31 0.00	62.25 -1.49 0.00	66.87 -1.63 0.00	61.63 -1.49 0.00	53.13 -1.31 0.00	51.13 -1.27 0.00	51.24 -1.31 0.00	51.61 -1.33 0.00	45.77 -1.20 0.00
PROJECT___ORANGE 2 24166	56.89 -1.25 0.00	54.95 -1.27 0.00	49.49 -1.13 0.00	45.70 -1.07 0.00	45.11 -1.01 0.00	53.82 -1.17 0.00	79.53 -1.73 0.00	67.43 -1.47 0.00	68.12 -1.46 0.00	85.54 -1.91 0.00	63.26 -1.38 0.00	54.85 -1.34 0.00	47.07 -1.21 0.00	48.64 -1.26 0.00	50.27 -1.28 0.00	55.03 -1.31 0.00	62.25 -1.49 0.00	66.87 -1.63 0.00	61.63 -1.49 0.00	53.13 -1.31 0.00	51.13 -1.27 0.00	51.24 -1.31 0.00	51.61 -1.33 0.00	45.77 -1.20 0.00
PUCKETT___SOLAR 323809	58.93 -0.15 -0.94	57.89 -0.21 -1.88	51.43 -0.12 -0.92	48.23 0.03 -1.43	46.51 0.21 -0.18	57.13 0.34 -1.80	83.81 0.60 -1.94	70.64 0.55 -1.20	70.85 0.41 -0.86	89.21 0.26 -1.49	65.76 0.21 -0.90	56.16 -0.02 0.00	48.07 -0.21 0.00	49.62 -0.28 0.00	51.33 -0.23 0.00	56.33 -0.01 0.00	63.66 -0.08 0.00	69.06 -0.22 -0.77	63.19 -0.14 -0.23	54.39 -0.25 -0.21	52.07 -0.33 0.00	55.99 -0.44 -3.89	53.56 -0.52 -1.14	46.47 -0.49 0.00
PYRITES___HYD 24023	60.49 2.36 0.00	58.66 2.44 0.00	52.72 2.09 0.00	48.89 2.12 0.00	48.29 2.16 0.00	57.39 2.40 0.00	84.76 3.49 0.00	71.61 2.71 0.00	71.56 1.97 0.00	88.93 1.48 0.00	65.14 0.49 0.00	56.42 0.24 0.00	48.30 0.02 0.00	49.74 -0.16 0.00	51.54 0.00 0.00	57.01 0.66 0.00	65.25 1.51 0.00	70.32 1.82 0.00	64.41 1.31 0.00	55.48 1.05 0.00	53.34 0.95 0.00	53.42 0.88 0.00	54.07 1.13 0.00	48.20 1.24 0.00
QUAKERRD_115KV_BK1 80622	55.25 -2.89 0.00	53.30 -2.92 0.00	48.03 -2.60 0.00	44.35 -2.42 0.00	43.78 -2.34 0.00	52.08 -2.90 0.00	76.60 -4.66 0.00	64.72 -4.18 0.00	65.41 -4.18 0.00	82.08 -5.37 0.00	60.74 -3.91 0.00	52.51 -3.67 0.00	44.92 -3.36 0.00	46.32 -3.58 0.00	47.78 -3.77 0.00	52.46 -3.88 0.00	59.42 -4.33 0.00	63.53 -4.75 0.22	58.75 -4.36 0.00	50.59 -3.74 0.11	48.77 -3.63 0.00	46.55 -3.83 2.17	48.52 -3.78 0.64	43.66 -3.30 0.00
QUENSBRY_115KV_TB8 356137	60.97 2.84 0.00	58.96 2.73 0.00	53.08 2.45 0.00	49.08 2.31 0.00	48.40 2.28 0.00	57.88 2.89 0.00	85.90 4.63 0.00	72.87 3.97 0.00	73.63 4.05 0.00	91.96 4.51 0.00	67.80 3.16 0.00	58.77 2.58 0.00	50.55 2.27 0.00	52.28 2.38 0.00	54.17 2.63 0.00	59.08 2.74 0.00	67.13 3.39 0.00	72.50 3.99 0.00	67.08 3.97 0.00	57.83 3.39 0.00	55.51 3.11 0.00	55.54 3.00 0.00	55.84 2.91 0.00	49.46 2.50 0.00
RAMAPO___LBMP 323565	59.23 1.09 0.00	57.04 0.82 0.00	51.30 0.68 0.00	47.45 0.69 0.00	46.80 0.68 0.00	56.00 1.01 0.00	83.11 1.85 0.00	70.73 1.83 0.00	71.63 2.04 0.00	90.24 2.79 0.00	66.66 2.02 0.00	58.14 1.96 0.00	50.18 1.89 0.00	52.00 2.11 0.00	53.64 2.09 0.00	58.31 1.98 0.00	66.18 2.44 0.00	71.10 2.59 0.00	65.53 2.42 0.00	56.50 2.06 0.00	54.36 1.96 0.00	54.73 2.18 0.00	55.09 2.15 0.00	48.78 1.82 0.00
RANKINE____ 23646	55.62 -2.52 0.00	53.58 -2.64 0.00	48.38 -2.24 0.00	44.72 -2.05 0.00	44.07 -2.06 0.00	51.86 -3.12 0.00	75.21 -6.06 0.00	62.99 -5.91 0.00	63.73 -5.85 0.00	79.91 -7.55 0.00	59.48 -5.17 0.00	51.12 -5.07 0.00	43.47 -4.81 0.00	44.63 -5.27 0.00	46.01 -5.55 0.00	50.70 -5.64 0.00	57.39 -6.35 0.00	60.64 -7.35 0.51	56.05 -6.82 0.24	47.80 -5.90 0.74	29.86 -5.69 16.85	25.91 -6.10 20.53	28.77 -5.77 18.39	25.77 -4.77 16.43
RAVENSWOOD_GT2_1 24244	59.92 1.79 0.00	57.64 1.42 0.00	51.84 1.22 0.00	47.96 1.19 0.00	47.31 1.19 0.00	56.63 1.64 0.00	84.07 2.81 0.00	71.69 2.80 0.00	72.69 3.10 0.00	91.61 4.15 0.00	67.66 3.02 0.00	59.03 2.84 0.00	50.96 2.68 0.00	52.80 2.90 0.00	54.46 2.91 0.00	59.20 2.86 0.00	67.12 3.38 0.00	72.10 3.59 0.00	66.43 3.32 0.00	57.30 2.86 0.00	55.14 2.74 0.00	55.52 2.97 0.00	55.96 3.02 0.00	49.56 2.60 0.00

RAVENSWOOD_GT2_2 24245	59.92 1.79 0.00	57.64 1.42 0.00	51.84 1.22 0.00	47.96 1.19 0.00	47.31 1.19 0.00	56.63 1.64 0.00	84.07 2.81 0.00	71.69 2.80 0.00	72.69 3.10 0.00	91.61 4.15 0.00	67.66 3.02 0.00	59.03 2.84 0.00	50.96 2.68 0.00	52.80 2.90 0.00	54.46 2.91 0.00	59.20 2.86 0.00	67.12 3.38 0.00	72.10 3.59 0.00	66.43 3.32 0.00	57.30 2.86 0.00	55.14 2.74 0.00	55.52 2.97 0.00	55.96 3.02 0.00	49.56 2.60 0.00
RAVENSWOOD_GT2_3 24246	59.96 1.83 0.00	57.66 1.44 0.00	51.86 1.23 0.00	47.98 1.21 0.00	47.32 1.20 0.00	56.66 1.68 0.00	84.12 2.86 0.00	71.73 2.83 0.00	72.72 3.14 0.00	91.65 4.20 0.00	67.70 3.06 0.00	59.05 2.87 0.00	50.99 2.71 0.00	52.84 2.94 0.00	54.48 2.93 0.00	59.23 2.89 0.00	67.16 3.41 0.00	72.14 3.64 0.00	66.47 3.36 0.00	57.32 2.89 0.00	55.18 2.78 0.00	55.55 3.01 0.00	55.98 3.05 0.00	49.58 2.61 0.00
RAVENSWOOD_GT2_4 24247	59.96 1.83 0.00	57.66 1.44 0.00	51.86 1.23 0.00	47.98 1.21 0.00	47.32 1.20 0.00	56.66 1.68 0.00	84.12 2.86 0.00	71.73 2.83 0.00	72.72 3.14 0.00	91.65 4.20 0.00	67.70 3.06 0.00	59.05 2.87 0.00	50.99 2.71 0.00	52.84 2.94 0.00	54.48 2.93 0.00	59.23 2.89 0.00	67.16 3.41 0.00	72.14 3.64 0.00	66.47 3.36 0.00	57.32 2.89 0.00	55.18 2.78 0.00	55.55 3.01 0.00	55.98 3.05 0.00	49.58 2.61 0.00
RAVENSWOOD_GT3_1 24248	59.93 1.80 0.00	57.64 1.42 0.00	51.85 1.22 0.00	47.96 1.19 0.00	47.31 1.19 0.00	56.63 1.65 0.00	84.07 2.81 0.00	71.69 2.80 0.00	72.69 3.10 0.00	91.61 4.15 0.00	67.67 3.02 0.00	59.03 2.85 0.00	50.97 2.69 0.00	52.80 2.90 0.00	54.46 2.91 0.00	59.20 2.86 0.00	67.12 3.38 0.00	72.10 3.59 0.00	66.44 3.33 0.00	57.30 2.86 0.00	55.14 2.74 0.00	55.52 2.97 0.00	55.96 3.02 0.00	49.56 2.60 0.00
RAVENSWOOD_GT3_2 24249	59.93 1.80 0.00	57.64 1.42 0.00	51.85 1.22 0.00	47.96 1.19 0.00	47.31 1.19 0.00	56.63 1.65 0.00	84.07 2.81 0.00	71.69 2.80 0.00	72.69 3.10 0.00	91.61 4.15 0.00	67.67 3.02 0.00	59.03 2.85 0.00	50.97 2.69 0.00	52.80 2.90 0.00	54.46 2.91 0.00	59.20 2.86 0.00	67.12 3.38 0.00	72.10 3.59 0.00	66.44 3.33 0.00	57.30 2.86 0.00	55.14 2.74 0.00	55.52 2.97 0.00	55.96 3.02 0.00	49.56 2.60 0.00
RAVENSWOOD_GT3_3 24250	60.02 1.89 0.00	57.72 1.50 0.00	51.91 1.28 0.00	48.03 1.26 0.00	47.37 1.25 0.00	56.72 1.73 0.00	84.21 2.94 0.00	71.81 2.91 0.00	72.79 3.21 0.00	91.74 4.29 0.00	67.77 3.13 0.00	59.11 2.93 0.00	51.05 2.77 0.00	52.89 2.99 0.00	54.55 3.00 0.00	59.30 2.96 0.00	67.24 3.49 0.00	72.21 3.70 0.00	66.55 3.44 0.00	57.38 2.94 0.00	55.24 2.84 0.00	55.61 3.07 0.00	56.03 3.10 0.00	49.63 2.66 0.00
RAVENSWOOD_GT3_4 24251	60.02 1.89 0.00	57.72 1.50 0.00	51.91 1.28 0.00	48.03 1.26 0.00	47.37 1.25 0.00	56.72 1.73 0.00	84.21 2.94 0.00	71.81 2.91 0.00	72.79 3.21 0.00	91.74 4.29 0.00	67.77 3.13 0.00	59.11 2.93 0.00	51.05 2.77 0.00	52.89 2.99 0.00	54.55 3.00 0.00	59.30 2.96 0.00	67.24 3.49 0.00	72.21 3.70 0.00	66.55 3.44 0.00	57.38 2.94 0.00	55.24 2.84 0.00	55.61 3.07 0.00	56.03 3.10 0.00	49.63 2.66 0.00
RAVENSWOOD_GT_1 23729	60.11 1.98 0.00	57.80 1.58 0.00	52.00 1.38 0.00	48.10 1.33 0.00	47.46 1.33 0.00	56.80 1.81 0.00	84.34 3.07 0.00	71.94 3.04 0.00	72.95 3.36 0.00	91.91 4.46 0.00	67.83 3.19 0.00	59.18 2.99 0.00	51.11 2.83 0.00	52.94 3.05 0.00	54.61 3.06 0.00	59.36 3.01 0.00	67.30 3.56 0.00	72.27 3.77 0.00	66.60 3.49 0.00	57.46 3.02 0.00	55.30 2.90 0.00	55.67 3.13 0.00	56.08 3.15 0.00	49.68 2.72 0.00
RAVENSWOOD_GT_10 24258	59.92 1.79 0.00	57.64 1.42 0.00	51.84 1.22 0.00	47.95 1.18 0.00	47.31 1.19 0.00	56.62 1.63 0.00	84.07 2.80 0.00	71.69 2.79 0.00	72.68 3.10 0.00	91.60 4.14 0.00	67.66 3.02 0.00	59.02 2.84 0.00	50.96 2.68 0.00	52.80 2.90 0.00	54.46 2.91 0.00	59.20 2.86 0.00	67.12 3.37 0.00	72.10 3.59 0.00	66.43 3.32 0.00	57.29 2.85 0.00	55.14 2.74 0.00	55.52 2.97 0.00	55.96 3.02 0.00	49.56 2.59 0.00
RAVENSWOOD_GT_11 24259	59.92 1.79 0.00	57.64 1.42 0.00	51.84 1.22 0.00	47.95 1.18 0.00	47.31 1.19 0.00	56.62 1.63 0.00	84.07 2.80 0.00	71.69 2.79 0.00	72.68 3.10 0.00	91.60 4.14 0.00	67.66 3.02 0.00	59.02 2.84 0.00	50.96 2.68 0.00	52.80 2.90 0.00	54.46 2.91 0.00	59.20 2.86 0.00	67.12 3.37 0.00	72.10 3.59 0.00	66.43 3.32 0.00	57.29 2.85 0.00	55.14 2.74 0.00	55.52 2.97 0.00	55.96 3.02 0.00	49.56 2.59 0.00
RAVENSWOOD_GT_4 24252	59.97 1.83 0.00	57.67 1.45 0.00	51.86 1.24 0.00	47.99 1.22 0.00	47.33 1.21 0.00	56.66 1.68 0.00	84.13 2.86 0.00	71.75 2.85 0.00	72.74 3.16 0.00	91.68 4.22 0.00	67.70 3.06 0.00	59.06 2.87 0.00	51.00 2.72 0.00	52.84 2.94 0.00	54.49 2.94 0.00	59.24 2.90 0.00	67.16 3.42 0.00	72.14 3.64 0.00	66.47 3.36 0.00	57.32 2.89 0.00	55.18 2.79 0.00	55.56 3.02 0.00	55.98 3.05 0.00	49.58 2.62 0.00
RAVENSWOOD_GT_5 24254	59.97 1.83 0.00	57.67 1.45 0.00	51.86 1.24 0.00	47.99 1.22 0.00	47.33 1.21 0.00	56.66 1.68 0.00	84.13 2.86 0.00	71.75 2.85 0.00	72.74 3.16 0.00	91.68 4.22 0.00	67.70 3.06 0.00	59.06 2.87 0.00	51.00 2.72 0.00	52.84 2.94 0.00	54.49 2.94 0.00	59.24 2.90 0.00	67.16 3.42 0.00	72.14 3.64 0.00	66.47 3.36 0.00	57.32 2.89 0.00	55.18 2.79 0.00	55.56 3.02 0.00	55.98 3.05 0.00	49.58 2.62 0.00
RAVENSWOOD_GT_6 24253	59.97 1.83 0.00	57.67 1.45 0.00	51.86 1.24 0.00	47.99 1.22 0.00	47.33 1.21 0.00	56.66 1.68 0.00	84.13 2.86 0.00	71.75 2.85 0.00	72.74 3.16 0.00	91.68 4.22 0.00	67.70 3.06 0.00	59.06 2.87 0.00	51.00 2.72 0.00	52.84 2.94 0.00	54.49 2.94 0.00	59.24 2.90 0.00	67.16 3.42 0.00	72.14 3.64 0.00	66.47 3.36 0.00	57.32 2.89 0.00	55.18 2.79 0.00	55.56 3.02 0.00	55.98 3.05 0.00	49.58 2.62 0.00
RAVENSWOOD_GT_7 24255	59.97 1.83 0.00	57.67 1.45 0.00	51.86 1.24 0.00	47.99 1.22 0.00	47.33 1.21 0.00	56.66 1.68 0.00	84.13 2.86 0.00	71.75 2.85 0.00	72.74 3.16 0.00	91.68 4.22 0.00	67.70 3.06 0.00	59.06 2.87 0.00	51.00 2.72 0.00	52.84 2.94 0.00	54.49 2.94 0.00	59.24 2.90 0.00	67.16 3.42 0.00	72.14 3.64 0.00	66.47 3.36 0.00	57.32 2.89 0.00	55.18 2.79 0.00	55.56 3.02 0.00	55.98 3.05 0.00	49.58 2.62 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	59.92 1.79 0.00	57.64 1.42 0.00	51.84 1.22 0.00	47.95 1.18 0.00	47.31 1.19 0.00	56.62 1.63 0.00	84.07 2.80 0.00	71.69 2.79 0.00	72.68 3.10 0.00	91.60 4.14 0.00	67.66 3.02 0.00	59.02 2.84 0.00	50.96 2.68 0.00	52.80 2.90 0.00	54.46 2.91 0.00	59.20 2.86 0.00	67.12 3.37 0.00	72.10 3.59 0.00	66.43 3.32 0.00	57.29 2.85 0.00	55.14 2.74 0.00	55.52 2.97 0.00	55.96 3.02 0.00	49.56 2.59 0.00

RAVENSWOOD_GT_9 24257	59.92 1.79 0.00	57.64 1.42 0.00	51.84 1.22 0.00	47.95 1.18 0.00	47.31 1.19 0.00	56.62 1.63 0.00	84.07 2.80 0.00	71.69 2.79 0.00	72.68 3.10 0.00	91.60 4.14 0.00	67.66 3.02 0.00	59.02 2.84 0.00	50.96 2.68 0.00	52.80 2.90 0.00	54.46 2.91 0.00	59.20 2.86 0.00	67.12 3.37 0.00	72.10 3.59 0.00	66.43 3.32 0.00	57.29 2.85 0.00	55.14 2.74 0.00	55.52 2.97 0.00	55.96 3.02 0.00	49.56 2.59 0.00
RAVENSWOOD___1 23533	60.03 1.90 0.00	57.73 1.51 0.00	51.94 1.32 0.00	48.05 1.28 0.00	47.40 1.28 0.00	56.74 1.75 0.00	84.25 2.98 0.00	71.86 2.96 0.00	72.87 3.28 0.00	91.82 4.37 0.00	67.77 3.12 0.00	59.12 2.93 0.00	51.07 2.79 0.00	52.89 3.00 0.00	54.56 3.01 0.00	59.30 2.96 0.00	67.24 3.49 0.00	72.20 3.69 0.00	66.54 3.43 0.00	57.40 2.96 0.00	55.24 2.84 0.00	55.61 3.07 0.00	56.03 3.10 0.00	49.61 2.64 0.00
RAVENSWOOD___2 23534	60.03 1.90 0.00	57.73 1.51 0.00	51.94 1.32 0.00	48.05 1.28 0.00	47.40 1.28 0.00	56.74 1.75 0.00	84.25 2.98 0.00	71.86 2.96 0.00	72.87 3.28 0.00	91.82 4.37 0.00	67.77 3.12 0.00	59.12 2.93 0.00	51.07 2.79 0.00	52.89 3.00 0.00	54.56 3.01 0.00	59.30 2.96 0.00	67.24 3.49 0.00	72.20 3.69 0.00	66.54 3.43 0.00	57.40 2.96 0.00	55.24 2.84 0.00	55.61 3.07 0.00	56.03 3.10 0.00	49.61 2.64 0.00
RAVENSWOOD___3 23535	59.93 1.79 0.00	57.65 1.42 0.00	51.85 1.22 0.00	47.96 1.19 0.00	47.32 1.19 0.00	56.63 1.64 0.00	84.07 2.80 0.00	71.68 2.79 0.00	72.69 3.10 0.00	91.61 4.16 0.00	67.67 3.03 0.00	59.03 2.85 0.00	50.97 2.70 0.00	52.80 2.91 0.00	54.47 2.92 0.00	59.20 2.86 0.00	67.12 3.38 0.00	72.10 3.59 0.00	66.44 3.33 0.00	57.29 2.86 0.00	55.14 2.74 0.00	55.52 2.97 0.00	55.95 3.02 0.00	49.55 2.58 0.00
RAVENSWOOD___4 23820	60.03 1.90 0.00	57.73 1.51 0.00	51.94 1.32 0.00	48.05 1.28 0.00	47.40 1.28 0.00	56.74 1.75 0.00	84.25 2.98 0.00	71.86 2.96 0.00	72.87 3.28 0.00	91.82 4.37 0.00	67.77 3.12 0.00	59.12 2.93 0.00	51.07 2.79 0.00	52.89 3.00 0.00	54.56 3.01 0.00	59.30 2.96 0.00	67.24 3.49 0.00	72.20 3.69 0.00	66.54 3.43 0.00	57.40 2.96 0.00	55.24 2.84 0.00	55.61 3.07 0.00	56.03 3.10 0.00	49.61 2.64 0.00
RCPI_TRUST___DRP 24196	59.92 1.78 0.00	57.63 1.41 0.00	51.83 1.20 0.00	47.94 1.17 0.00	47.29 1.17 0.00	56.61 1.63 0.00	84.05 2.78 0.00	71.68 2.78 0.00	72.68 3.10 0.00	91.61 4.16 0.00	67.68 3.04 0.00	59.04 2.85 0.00	50.98 2.70 0.00	52.82 2.92 0.00	54.47 2.92 0.00	59.21 2.87 0.00	67.14 3.40 0.00	72.12 3.62 0.00	66.47 3.36 0.00	57.30 2.86 0.00	55.14 2.74 0.00	55.52 2.97 0.00	55.95 3.02 0.00	49.56 2.60 0.00
RED___ROCHESTER 323720	55.71 -1.35 1.07	52.60 -1.48 2.14	48.25 -1.32 1.05	43.89 -1.25 1.63	44.75 -1.18 0.20	51.34 -1.59 2.05	76.28 -2.78 2.21	64.95 -2.58 1.37	66.03 -2.57 0.99	82.40 -3.35 1.70	61.26 -2.36 1.03	53.76 -2.42 0.00	45.91 -2.36 0.00	47.30 -2.60 0.00	48.79 -2.76 0.00	53.63 -2.71 0.00	60.85 -2.89 0.00	64.61 -3.24 0.65	59.86 -2.99 0.26	51.77 -2.53 0.13	49.96 -2.44 0.00	47.45 -2.71 2.38	49.65 -2.58 0.70	44.73 -2.24 0.00
REGAN___SOLAR 323812	60.61 2.48 0.00	58.63 2.41 0.00	52.79 2.17 0.00	48.73 1.96 0.00	48.09 1.96 0.00	57.49 2.50 0.00	85.25 3.98 0.00	72.33 3.43 0.00	72.56 2.98 0.00	90.33 2.88 0.00	66.42 1.77 0.00	57.46 1.28 0.00	49.38 1.10 0.00	50.63 0.74 0.00	53.14 1.60 0.00	58.45 2.11 0.00	66.18 2.43 0.00	71.75 3.24 0.00	66.27 3.16 0.00	57.09 2.65 0.00	54.99 2.58 0.00	55.06 2.52 0.00	55.30 2.37 0.00	48.95 1.98 0.00
RENSSELAER___COGEN 23796	59.98 1.84 0.00	58.05 1.82 0.00	52.29 1.66 0.00	48.30 1.53 0.00	47.58 1.45 0.00	56.72 1.73 0.00	83.84 2.58 0.00	71.17 2.27 0.00	71.84 2.26 0.00	90.41 2.95 0.00	66.77 2.13 0.00	58.13 1.95 0.00	50.12 1.84 0.00	51.87 1.97 0.00	53.47 1.92 0.00	58.26 1.92 0.00	66.02 2.27 0.00	70.97 2.47 0.00	65.42 2.31 0.00	56.52 2.08 0.00	54.35 1.96 0.00	54.58 2.04 0.00	54.92 1.98 0.00	48.68 1.72 0.00
REPUBLIC_115KV_BARTNBRK 55605	63.81 5.67 0.00	61.54 5.31 0.00	55.46 4.83 0.00	51.38 4.62 0.00	50.70 4.57 0.00	60.66 5.67 0.00	90.29 9.02 0.00	76.46 7.56 0.00	77.22 7.64 0.00	94.98 7.52 0.00	69.72 5.07 0.00	60.12 3.93 0.00	51.59 3.31 0.00	53.41 3.51 0.00	55.64 4.09 0.00	60.37 4.03 0.00	69.60 5.86 0.00	75.72 7.22 0.00	70.46 7.35 0.00	60.68 6.24 0.00	57.81 5.41 0.00	57.67 5.13 0.00	58.09 5.16 0.00	51.47 4.50 0.00
REVERE_CPDRP 24186	60.03 1.90 0.00	58.06 1.84 0.00	52.16 1.54 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.88 1.89 0.00	84.24 2.97 0.00	71.18 2.28 0.00	71.70 2.12 0.00	89.69 2.24 0.00	66.31 1.67 0.00	57.38 1.19 0.00	48.90 0.62 0.00	50.57 0.67 0.00	52.59 1.04 0.00	57.92 1.58 0.00	65.64 1.90 0.00	70.84 2.34 0.00	65.33 2.22 0.00	56.29 1.85 0.00	53.94 1.54 0.00	53.90 1.36 0.00	54.14 1.21 0.00	47.89 0.93 0.00
REYNOLDPA_13_KV_LD 356490	58.65 0.51 0.00	56.82 0.60 0.00	51.19 0.57 0.00	47.50 0.72 0.00	47.00 0.88 0.00	55.62 0.63 0.00	81.83 0.56 0.00	69.26 0.37 0.00	69.78 0.20 0.00	87.56 0.10 0.00	64.61 -0.03 0.00	56.13 -0.06 0.00	48.12 -0.15 0.00	49.61 -0.28 0.00	51.37 -0.18 0.00	56.41 0.07 0.00	64.02 0.27 0.00	68.77 0.27 0.00	63.24 0.13 0.00	54.55 0.12 0.00	52.58 0.18 0.00	52.63 0.08 0.00	53.00 0.06 0.00	47.25 0.28 0.00
REYNOLDS_115KV_TB3 80639	59.96 1.82 0.00	58.05 1.82 0.00	52.29 1.67 0.00	48.30 1.53 0.00	47.57 1.45 0.00	56.68 1.70 0.00	83.76 2.49 0.00	71.11 2.21 0.00	71.76 2.17 0.00	90.31 2.86 0.00	66.68 2.04 0.00	58.05 1.86 0.00	50.08 1.80 0.00	51.83 1.93 0.00	53.41 1.86 0.00	58.15 1.81 0.00	65.95 2.21 0.00	70.89 2.39 0.00	65.36 2.25 0.00	56.48 2.04 0.00	54.31 1.91 0.00	54.57 2.02 0.00	54.89 1.95 0.00	48.67 1.71 0.00
RIVERBAY___ 323610	61.72 3.58 0.00	59.39 3.17 0.00	53.47 2.85 0.00	49.48 2.71 0.00	48.82 2.70 0.00	58.48 3.50 0.00	86.84 5.57 0.00	74.05 5.15 0.00	74.94 5.36 0.00	94.27 6.81 0.00	69.55 4.91 0.00	60.70 4.51 0.00	52.40 4.12 0.00	54.27 4.37 0.00	55.94 4.39 0.00	60.83 4.49 0.00	69.03 5.29 0.00	74.11 5.61 0.00	68.25 5.14 0.00	58.90 4.47 0.00	56.62 4.22 0.00	56.99 4.45 0.00	57.40 4.47 0.00	50.88 3.92 0.00
RIVERSDE_115KV_TB3 55908	60.05 1.91 0.00	58.15 1.93 0.00	52.36 1.73 0.00	48.36 1.60 0.00	47.64 1.52 0.00	56.79 1.80 0.00	83.93 2.66 0.00	71.26 2.36 0.00	71.93 2.34 0.00	90.52 3.06 0.00	66.85 2.20 0.00	58.19 2.01 0.00	50.19 1.91 0.00	51.93 2.03 0.00	53.54 1.99 0.00	58.32 1.98 0.00	66.15 2.41 0.00	71.10 2.60 0.00	65.54 2.43 0.00	56.62 2.18 0.00	54.41 2.01 0.00	54.65 2.11 0.00	54.98 2.05 0.00	48.74 1.78 0.00

ROARING___BROOK_WT_PWR 323790	56.86 -1.28 0.00	55.07 -1.15 0.00	49.86 -0.77 0.00	45.74 -1.03 0.00	45.22 -0.90 0.00	54.05 -0.94 0.00	79.98 -1.28 0.00	67.70 -1.20 0.00	68.58 -1.01 0.00	86.55 -0.90 0.00	64.28 -0.37 0.00	55.97 -0.22 0.00	47.94 -0.34 0.00	49.27 -0.63 0.00	50.78 -0.77 0.00	55.41 -0.93 0.00	62.72 -1.02 0.00	67.38 -1.13 0.00	61.44 -1.67 0.00	52.52 -1.92 0.00	49.95 -2.45 0.00	50.03 -2.52 0.00	50.50 -2.44 0.00	44.68 -2.28 0.00
ROCHESRG_115KV_T4 355643	56.11 -2.03 0.00	54.11 -2.12 0.00	48.76 -1.87 0.00	45.02 -1.75 0.00	44.43 -1.69 0.00	52.76 -2.23 0.00	77.47 -3.80 0.00	65.38 -3.52 0.00	66.09 -3.50 0.00	82.93 -4.52 0.00	61.42 -3.23 0.00	53.04 -3.14 0.00	45.32 -2.96 0.00	46.68 -3.21 0.00	48.16 -3.39 0.00	52.91 -3.43 0.00	59.99 -3.76 0.00	64.07 -4.20 0.24	59.24 -3.87 0.00	51.02 -3.30 0.12	49.21 -3.19 0.00	46.81 -3.40 2.33	48.96 -3.29 0.68	44.14 -2.82 0.00
ROCHESTER_9_IC 23652	56.54 -1.60 0.00	54.50 -1.72 0.00	49.10 -1.53 0.00	45.34 -1.43 0.00	44.76 -1.37 0.00	53.17 -1.81 0.00	78.11 -3.16 0.00	65.94 -2.96 0.00	66.66 -2.93 0.00	83.66 -3.80 0.00	61.94 -2.70 0.00	53.48 -2.71 0.00	45.67 -2.60 0.00	47.05 -2.84 0.00	48.56 -3.00 0.00	53.34 -3.00 0.00	60.49 -3.25 0.00	64.62 -3.63 0.24	59.76 -3.35 0.00	51.46 -2.85 0.12	49.63 -2.77 0.00	47.14 -3.01 2.39	49.33 -2.91 0.70	44.45 -2.51 0.00
ROCKVIEW_13_KV_LD 356306	60.09 1.96 0.00	57.82 1.60 0.00	52.00 1.37 0.00	48.08 1.31 0.00	47.43 1.31 0.00	56.77 1.79 0.00	84.27 3.00 0.00	71.82 2.92 0.00	72.79 3.20 0.00	91.74 4.28 0.00	67.78 3.13 0.00	59.11 2.93 0.00	51.05 2.77 0.00	52.89 2.99 0.00	54.55 3.00 0.00	59.29 2.95 0.00	67.23 3.49 0.00	72.21 3.71 0.00	66.58 3.47 0.00	57.43 3.00 0.00	55.30 2.90 0.00	55.64 3.10 0.00	56.02 3.09 0.00	49.61 2.65 0.00
ROME____115KV_TB2 80656	60.03 1.90 0.00	58.06 1.84 0.00	52.16 1.54 0.00	48.09 1.32 0.00	47.43 1.30 0.00	56.88 1.89 0.00	84.24 2.97 0.00	71.18 2.28 0.00	71.70 2.12 0.00	89.69 2.24 0.00	66.31 1.67 0.00	57.38 1.19 0.00	48.90 0.62 0.00	50.57 0.67 0.00	52.59 1.04 0.00	57.92 1.58 0.00	65.64 1.90 0.00	70.84 2.34 0.00	65.33 2.22 0.00	56.29 1.85 0.00	53.94 1.54 0.00	53.90 1.36 0.00	54.14 1.21 0.00	47.89 0.93 0.00
ROSETON___1 23587	59.33 1.19 0.00	57.20 0.97 0.00	51.45 0.82 0.00	47.57 0.81 0.00	46.90 0.78 0.00	56.11 1.12 0.00	83.24 1.97 0.00	70.81 1.91 0.00	71.71 2.13 0.00	90.33 2.87 0.00	66.74 2.10 0.00	58.16 1.97 0.00	50.17 1.89 0.00	51.97 2.07 0.00	53.62 2.07 0.00	58.31 1.96 0.00	66.09 2.35 0.00	71.03 2.53 0.00	65.49 2.38 0.00	56.51 2.07 0.00	54.39 2.00 0.00	54.69 2.15 0.00	55.06 2.12 0.00	48.77 1.81 0.00
ROSETON___2 23588	59.33 1.19 0.00	57.20 0.97 0.00	51.45 0.82 0.00	47.57 0.81 0.00	46.90 0.78 0.00	56.11 1.12 0.00	83.24 1.97 0.00	70.81 1.91 0.00	71.71 2.13 0.00	90.33 2.87 0.00	66.74 2.10 0.00	58.16 1.97 0.00	50.17 1.89 0.00	51.97 2.07 0.00	53.62 2.07 0.00	58.31 1.96 0.00	66.09 2.35 0.00	71.03 2.53 0.00	65.49 2.38 0.00	56.51 2.07 0.00	54.39 2.00 0.00	54.69 2.15 0.00	55.06 2.12 0.00	48.77 1.81 0.00
ROTTRDAM_115KV_TB3 80664	59.44 1.31 0.00	57.51 1.28 0.00	51.78 1.15 0.00	47.84 1.07 0.00	47.12 1.00 0.00	56.23 1.25 0.00	83.22 1.94 0.00	70.59 1.69 0.00	71.27 1.69 0.00	89.51 2.05 0.00	66.14 1.49 0.00	57.50 1.31 0.00	49.50 1.22 0.00	51.17 1.28 0.00	52.89 1.34 0.00	57.72 1.38 0.00	65.10 1.35 0.00	70.08 1.57 0.00	64.61 1.51 0.00	55.79 1.35 0.00	53.84 1.44 0.00	54.02 1.47 0.00	54.35 1.41 0.00	48.19 1.23 0.00
RUSSELL___1 23602	56.80 -1.34 0.00	54.74 -1.48 0.00	49.31 -1.32 0.00	45.52 -1.25 0.00	44.94 -1.18 0.00	53.40 -1.59 0.00	78.50 -2.77 0.00	66.28 -2.61 0.00	67.02 -2.57 0.00	84.10 -3.35 0.00	62.28 -2.37 0.00	53.76 -2.42 0.00	45.91 -2.37 0.00	47.30 -2.59 0.00	48.80 -2.75 0.00	53.63 -2.71 0.00	60.85 -2.89 0.00	65.01 -3.25 0.24	60.12 -3.00 0.00	51.77 -2.54 0.12	49.94 -2.47 0.00	47.44 -2.73 2.38	49.60 -2.64 0.70	44.68 -2.29 0.00
RUSSELL___2 23532	56.80 -1.34 0.00	54.74 -1.48 0.00	49.31 -1.32 0.00	45.52 -1.25 0.00	44.94 -1.18 0.00	53.40 -1.59 0.00	78.50 -2.77 0.00	66.28 -2.61 0.00	67.02 -2.57 0.00	84.10 -3.35 0.00	62.28 -2.37 0.00	53.76 -2.42 0.00	45.91 -2.37 0.00	47.30 -2.59 0.00	48.80 -2.75 0.00	53.63 -2.71 0.00	60.85 -2.89 0.00	65.01 -3.25 0.24	60.12 -3.00 0.00	51.77 -2.54 0.12	49.94 -2.47 0.00	47.44 -2.73 2.38	49.60 -2.64 0.70	44.68 -2.29 0.00
RUSSELL___3 23549	56.80 -1.34 0.00	54.74 -1.48 0.00	49.31 -1.32 0.00	45.52 -1.25 0.00	44.94 -1.18 0.00	53.40 -1.59 0.00	78.50 -2.77 0.00	66.28 -2.61 0.00	67.02 -2.57 0.00	84.10 -3.35 0.00	62.28 -2.37 0.00	53.76 -2.42 0.00	45.91 -2.37 0.00	47.30 -2.59 0.00	48.80 -2.75 0.00	53.63 -2.71 0.00	60.85 -2.89 0.00	65.01 -3.25 0.24	60.12 -3.00 0.00	51.77 -2.54 0.12	49.94 -2.47 0.00	47.44 -2.73 2.38	49.60 -2.64 0.70	44.68 -2.29 0.00
RUSSELL___4 23556	56.80 -1.34 0.00	54.74 -1.48 0.00	49.31 -1.32 0.00	45.52 -1.25 0.00	44.94 -1.18 0.00	53.40 -1.59 0.00	78.50 -2.77 0.00	66.28 -2.61 0.00	67.02 -2.57 0.00	84.10 -3.35 0.00	62.28 -2.37 0.00	53.76 -2.42 0.00	45.91 -2.37 0.00	47.30 -2.59 0.00	48.80 -2.75 0.00	53.63 -2.71 0.00	60.85 -2.89 0.00	65.01 -3.25 0.24	60.12 -3.00 0.00	51.77 -2.54 0.12	49.94 -2.47 0.00	47.44 -2.73 2.38	49.60 -2.64 0.70	44.68 -2.29 0.00
RUSSELL___STATION 23914	56.80 -1.34 0.00	54.74 -1.48 0.00	49.31 -1.32 0.00	45.52 -1.25 0.00	44.94 -1.18 0.00	53.40 -1.59 0.00	78.50 -2.77 0.00	66.28 -2.61 0.00	67.02 -2.57 0.00	84.10 -3.35 0.00	62.28 -2.37 0.00	53.76 -2.42 0.00	45.91 -2.37 0.00	47.30 -2.59 0.00	48.80 -2.75 0.00	53.63 -2.71 0.00	60.85 -2.89 0.00	65.01 -3.25 0.24	60.12 -3.00 0.00	51.77 -2.54 0.12	49.94 -2.47 0.00	47.44 -2.73 2.38	49.60 -2.64 0.70	44.68 -2.29 0.00
S SALMON___HYD 24043	57.97 -0.17 0.00	56.10 -0.12 0.00	50.20 -0.43 0.00	46.20 -0.57 0.00	45.43 -0.69 0.00	54.85 -0.13 0.00	80.95 -0.32 0.00	67.98 -0.92 0.00	68.27 -1.32 0.00	85.03 -2.42 0.00	63.02 -1.62 0.00	54.35 -1.83 0.00	46.10 -2.18 0.00	47.42 -2.47 0.00	49.41 -2.14 0.00	55.18 -1.16 0.00	62.20 -1.55 0.00	67.30 -1.21 0.00	62.33 -0.78 0.00	53.55 -0.89 0.00	51.34 -1.06 0.00	51.14 -1.41 0.00	51.23 -1.70 0.00	45.24 -1.72 0.00
S.PERRY__115KV_TB1 80734	58.44 0.31 0.00	56.29 0.07 0.00	50.73 0.10 0.00	46.89 0.12 0.00	46.39 0.27 0.00	55.04 0.05 0.00	80.90 -0.37 0.00	68.28 -0.62 0.00	68.66 -0.92 0.00	85.43 -2.02 0.00	63.05 -1.60 0.00	54.13 -2.05 0.00	46.17 -2.11 0.00	47.45 -2.44 0.00	49.20 -2.35 0.00	54.06 -2.28 0.00	61.09 -2.65 0.00	65.22 -2.74 0.54	61.78 -2.08 -0.75	53.90 -1.83 -1.29	102.05 -1.83 -51.48	94.50 -2.26 -44.22	101.34 -2.35 -50.76	94.91 -2.22 -50.16

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	54.86 -3.28 0.00	52.83 -3.39 0.00	47.70 -2.92 0.00	44.07 -2.70 0.00	43.42 -2.70 0.00	51.05 -3.94 0.00	73.88 -7.38 0.00	61.81 -7.09 0.00	62.52 -7.06 0.00	78.44 -9.02 0.00	58.34 -6.31 0.00	50.16 -6.03 0.00	42.66 -5.62 0.00	43.77 -6.13 0.00	45.09 -6.46 0.00	49.74 -6.61 0.00	56.29 -7.45 0.00	59.48 -8.54 0.48	54.96 -7.90 0.25	46.93 -6.77 0.73	28.97 -6.42 17.01	25.30 -6.79 20.45	28.05 -6.40 18.49	25.12 -5.27 16.57
SAWYER__23_KV_LOAD 55526	54.86 -3.28 0.00	52.83 -3.39 0.00	47.70 -2.92 0.00	44.07 -2.70 0.00	43.42 -2.70 0.00	51.05 -3.94 0.00	73.88 -7.38 0.00	61.81 -7.09 0.00	62.52 -7.06 0.00	78.44 -9.02 0.00	58.34 -6.31 0.00	50.16 -6.03 0.00	42.66 -5.62 0.00	43.77 -6.13 0.00	45.09 -6.46 0.00	49.74 -6.61 0.00	56.29 -7.45 0.00	59.48 -8.54 0.48	54.96 -7.90 0.25	46.93 -6.77 0.73	28.97 -6.42 17.01	25.30 -6.79 20.45	28.05 -6.40 18.49	25.12 -5.27 16.57
SELKIRK__I 23801	59.86 1.72 0.00	57.95 1.72 0.00	52.20 1.57 0.00	48.21 1.44 0.00	47.49 1.37 0.00	56.64 1.65 0.00	83.70 2.43 0.00	70.98 2.09 0.00	71.65 2.06 0.00	90.07 2.62 0.00	66.55 1.91 0.00	57.94 1.76 0.00	49.90 1.62 0.00	51.62 1.72 0.00	53.29 1.74 0.00	58.14 1.80 0.00	65.78 2.04 0.00	70.69 2.19 0.00	65.16 2.05 0.00	56.29 1.85 0.00	54.20 1.80 0.00	54.39 1.84 0.00	54.74 1.81 0.00	48.55 1.59 0.00
SELKIRK__II 23799	59.62 1.48 0.00	57.70 1.48 0.00	51.96 1.34 0.00	48.02 1.25 0.00	47.28 1.16 0.00	56.39 1.41 0.00	83.38 2.11 0.00	70.76 1.86 0.00	71.44 1.85 0.00	89.91 2.45 0.00	66.44 1.80 0.00	57.85 1.66 0.00	49.84 1.56 0.00	51.57 1.68 0.00	53.20 1.65 0.00	57.99 1.64 0.00	65.62 1.88 0.00	70.52 2.02 0.00	65.00 1.89 0.00	56.14 1.70 0.00	54.04 1.64 0.00	54.26 1.71 0.00	54.60 1.66 0.00	48.41 1.44 0.00
SENECA OSWGO__HYD 24041	55.91 -2.23 0.00	54.02 -2.21 0.00	48.62 -2.01 0.00	44.90 -1.87 0.00	44.29 -1.83 0.00	52.87 -2.11 0.00	78.16 -3.11 0.00	66.26 -2.64 0.00	66.92 -2.67 0.00	83.98 -3.47 0.00	62.07 -2.57 0.00	53.82 -2.37 0.00	46.17 -2.11 0.00	47.71 -2.18 0.00	49.33 -2.22 0.00	54.02 -2.32 0.00	61.16 -2.58 0.00	65.78 -2.72 0.00	60.63 -2.48 0.00	52.28 -2.16 0.00	50.34 -2.06 0.00	50.44 -2.11 0.00	50.79 -2.15 0.00	45.03 -1.94 0.00
SENECA__115KV_TB3 355854	52.86 -2.45 2.83	48.04 -2.54 5.65	45.69 -2.17 2.77	40.49 -1.99 4.29	43.62 -1.97 0.54	46.54 -3.04 5.41	69.50 -5.94 5.83	59.58 -5.72 3.60	61.27 -5.72 2.59	75.59 -7.39 4.48	56.86 -5.04 2.75	51.22 -4.97 0.00	43.55 -4.73 0.00	44.72 -5.17 0.00	46.09 -5.45 0.00	50.81 -5.53 0.00	57.51 -6.23 0.00	59.71 -7.23 1.56	55.50 -6.71 0.91	47.90 -5.79 0.75	30.06 -5.49 16.85	26.10 -5.91 20.54	28.96 -5.58 18.40	25.93 -4.61 16.43
SENECA__ENERGY 23797	56.89 -1.25 0.00	54.86 -1.36 0.00	49.54 -1.09 0.00	45.82 -0.95 0.00	45.33 -0.80 0.00	54.04 -0.94 0.00	79.46 -1.81 0.00	67.24 -1.66 0.00	67.86 -1.73 0.00	85.11 -2.34 0.00	62.84 -1.81 0.00	54.39 -1.79 0.00	46.64 -1.64 0.00	48.13 -1.76 0.00	49.68 -1.87 0.00	54.45 -1.89 0.00	61.69 -2.06 0.00	66.09 -2.21 0.21	61.13 -2.04 -0.05	52.66 -1.78 0.00	54.05 -1.80 -3.46	51.87 -2.01 -1.33	53.81 -2.05 -2.93	48.44 -1.89 -3.37
SHOEMAKER__GT 23640	59.20 1.06 0.00	57.09 0.87 0.00	51.37 0.74 0.00	47.50 0.73 0.00	46.82 0.70 0.00	56.01 1.02 0.00	83.13 1.86 0.00	70.67 1.77 0.00	71.52 1.93 0.00	90.06 2.61 0.00	66.54 1.90 0.00	57.96 1.78 0.00	49.98 1.70 0.00	51.75 1.86 0.00	53.41 1.85 0.00	58.15 1.81 0.00	65.95 2.20 0.00	70.86 2.36 0.00	65.32 2.21 0.00	56.34 1.90 0.00	54.22 1.82 0.00	54.48 1.94 0.00	54.84 1.90 0.00	48.56 1.59 0.00
SHOEMAKR_138KV_BK 111 55601	59.16 1.03 0.00	57.05 0.82 0.00	51.34 0.71 0.00	47.46 0.69 0.00	46.80 0.67 0.00	55.97 0.98 0.00	83.07 1.80 0.00	70.62 1.72 0.00	71.48 1.89 0.00	90.00 2.54 0.00	66.50 1.86 0.00	57.94 1.76 0.00	49.95 1.67 0.00	51.72 1.83 0.00	53.38 1.83 0.00	58.12 1.78 0.00	65.89 2.15 0.00	70.81 2.30 0.00	65.26 2.15 0.00	56.30 1.86 0.00	54.18 1.78 0.00	54.46 1.92 0.00	54.81 1.88 0.00	48.54 1.58 0.00
SHOREHAM_IC_1 23715	60.14 2.00 0.00	57.04 0.81 0.00	51.50 0.87 0.00	47.81 1.04 0.00	47.27 1.15 0.00	56.54 1.56 0.00	82.41 1.14 0.00	70.46 1.56 0.00	71.22 1.63 0.00	90.73 3.27 0.00	67.35 2.70 0.00	59.33 3.14 0.00	51.43 3.16 0.00	53.32 3.43 0.00	55.18 3.63 0.00	59.81 3.47 0.00	66.75 3.01 0.00	71.12 2.61 0.00	65.97 2.86 0.00	57.27 2.83 0.00	56.04 3.64 0.00	56.99 4.45 0.00	57.14 4.20 0.00	50.66 3.69 0.00
SHOREHAM_IC_2 23716	60.14 2.00 0.00	57.04 0.81 0.00	51.50 0.87 0.00	47.81 1.04 0.00	47.27 1.15 0.00	56.54 1.56 0.00	82.41 1.14 0.00	70.46 1.56 0.00	71.22 1.63 0.00	90.73 3.27 0.00	67.35 2.70 0.00	59.33 3.14 0.00	51.43 3.16 0.00	53.32 3.43 0.00	55.18 3.63 0.00	59.81 3.47 0.00	66.75 3.01 0.00	71.12 2.61 0.00	65.97 2.86 0.00	57.27 2.83 0.00	56.04 3.64 0.00	56.99 4.45 0.00	57.14 4.20 0.00	50.66 3.69 0.00
SISSONVILLE__ 23735	59.55 1.41 0.00	57.72 1.50 0.00	51.87 1.24 0.00	48.02 1.25 0.00	47.37 1.25 0.00	56.39 1.40 0.00	83.16 1.89 0.00	70.25 1.36 0.00	70.49 0.91 0.00	88.01 0.56 0.00	64.85 0.20 0.00	56.22 0.03 0.00	48.05 -0.23 0.00	49.47 -0.42 0.00	51.29 -0.27 0.00	56.62 0.28 0.00	64.37 0.63 0.00	69.12 0.62 0.00	63.14 0.03 0.00	54.35 -0.09 0.00	52.24 -0.15 0.00	52.40 -0.14 0.00	53.13 0.19 0.00	47.42 0.46 0.00
SITHE_IND_GS1 24169	55.74 -2.39 0.00	53.88 -2.34 0.00	48.53 -2.10 0.00	44.81 -1.96 0.00	44.22 -1.91 0.00	52.73 -2.26 0.00	77.91 -3.36 0.00	66.02 -2.88 0.00	66.72 -2.87 0.00	83.77 -3.69 0.00	61.92 -2.73 0.00	53.73 -2.46 0.00	46.13 -2.15 0.00	47.67 -2.23 0.00	49.24 -2.31 0.00	53.88 -2.46 0.00	60.97 -2.77 0.00	65.52 -2.98 0.00	60.38 -2.73 0.00	52.07 -2.36 0.00	50.14 -2.26 0.00	50.28 -2.27 0.00	50.67 -2.27 0.00	44.95 -2.02 0.00
SITHE_IND_GS2 24170	55.74 -2.39 0.00	53.88 -2.34 0.00	48.53 -2.10 0.00	44.81 -1.96 0.00	44.22 -1.91 0.00	52.73 -2.26 0.00	77.91 -3.36 0.00	66.02 -2.88 0.00	66.72 -2.87 0.00	83.77 -3.69 0.00	61.92 -2.73 0.00	53.73 -2.46 0.00	46.13 -2.15 0.00	47.67 -2.23 0.00	49.24 -2.31 0.00	53.88 -2.46 0.00	60.97 -2.77 0.00	65.52 -2.98 0.00	60.38 -2.73 0.00	52.07 -2.36 0.00	50.14 -2.26 0.00	50.28 -2.27 0.00	50.67 -2.27 0.00	44.95 -2.02 0.00
SITHE_IND_GS3 24171	55.74 -2.39 0.00	53.88 -2.34 0.00	48.53 -2.10 0.00	44.81 -1.96 0.00	44.22 -1.91 0.00	52.73 -2.26 0.00	77.91 -3.36 0.00	66.02 -2.88 0.00	66.72 -2.87 0.00	83.77 -3.69 0.00	61.92 -2.73 0.00	53.73 -2.46 0.00	46.13 -2.15 0.00	47.67 -2.23 0.00	49.24 -2.31 0.00	53.88 -2.46 0.00	60.97 -2.77 0.00	65.52 -2.98 0.00	60.38 -2.73 0.00	52.07 -2.36 0.00	50.14 -2.26 0.00	50.28 -2.27 0.00	50.67 -2.27 0.00	44.95 -2.02 0.00

SITHE_IND_GS4 24172	55.74 -2.39 0.00	53.88 -2.34 0.00	48.53 -2.10 0.00	44.81 -1.96 0.00	44.22 -1.91 0.00	52.73 -2.26 0.00	77.91 -3.36 0.00	66.02 -2.88 0.00	66.72 -2.87 0.00	83.77 -3.69 0.00	61.92 -2.73 0.00	53.73 -2.46 0.00	46.13 -2.15 0.00	47.67 -2.23 0.00	49.24 -2.31 0.00	53.88 -2.46 0.00	60.97 -2.77 0.00	65.52 -2.98 0.00	60.38 -2.73 0.00	52.07 -2.36 0.00	50.14 -2.26 0.00	50.28 -2.27 0.00	50.67 -2.27 0.00	44.95 -2.02 0.00
SITHE__BATAVIA 24024	54.83 -1.44 1.86	50.94 -1.57 3.72	47.46 -1.34 1.82	42.69 -1.26 2.82	44.58 -1.19 0.35	49.36 -2.07 3.56	73.30 -4.13 3.84	62.44 -4.08 2.37	63.71 -4.17 1.71	79.03 -5.47 2.95	58.91 -3.95 1.79	52.03 -4.16 0.00	44.11 -4.17 0.00	45.23 -4.67 0.00	46.58 -4.97 0.00	51.66 -4.68 0.00	58.80 -4.94 0.00	61.85 -5.56 1.09	57.51 -5.03 0.57	49.73 -4.26 0.44	39.96 -3.75 8.69	36.86 -4.11 11.57	39.33 -3.84 9.77	35.26 -3.23 8.48
SITHE__INDEPEND 23800	55.75 -2.39 0.00	53.88 -2.34 0.00	48.52 -2.10 0.00	44.81 -1.96 0.00	44.22 -1.90 0.00	52.73 -2.25 0.00	77.90 -3.37 0.00	66.01 -2.88 0.00	66.71 -2.87 0.00	83.77 -3.69 0.00	61.92 -2.73 0.00	53.73 -2.46 0.00	46.13 -2.15 0.00	47.66 -2.23 0.00	49.24 -2.31 0.00	53.88 -2.46 0.00	60.97 -2.77 0.00	65.51 -2.99 0.00	60.38 -2.73 0.00	52.07 -2.37 0.00	50.14 -2.26 0.00	50.28 -2.27 0.00	50.66 -2.28 0.00	44.94 -2.02 0.00
SITHE__MASSENA 23902	59.26 1.13 0.00	57.42 1.20 0.00	51.67 1.05 0.00	47.85 1.08 0.00	47.21 1.08 0.00	56.07 1.08 0.00	82.70 1.43 0.00	69.96 1.06 0.00	70.42 0.83 0.00	88.25 0.80 0.00	65.09 0.45 0.00	56.53 0.34 0.00	48.42 0.14 0.00	49.94 0.05 0.00	51.72 0.16 0.00	56.82 0.48 0.00	64.52 0.78 0.00	69.32 0.82 0.00	63.73 0.62 0.00	54.90 0.46 0.00	52.80 0.40 0.00	52.85 0.30 0.00	53.35 0.41 0.00	47.53 0.57 0.00
SITHE__OGDNSBRG 24021	60.45 2.32 0.00	58.60 2.38 0.00	52.71 2.08 0.00	48.85 2.08 0.00	48.21 2.09 0.00	57.29 2.30 0.00	84.57 3.31 0.00	71.42 2.52 0.00	71.43 1.85 0.00	88.95 1.50 0.00	65.21 0.56 0.00	56.53 0.34 0.00	48.41 0.13 0.00	49.88 -0.02 0.00	51.69 0.13 0.00	57.03 0.68 0.00	65.33 1.59 0.00	70.44 1.94 0.00	64.66 1.55 0.00	55.70 1.26 0.00	53.54 1.14 0.00	53.60 1.06 0.00	54.17 1.24 0.00	48.29 1.32 0.00
SITHE__STERLING 23777	59.24 1.11 0.00	57.30 1.08 0.00	51.56 0.93 0.00	47.55 0.77 0.00	46.94 0.82 0.00	56.19 1.21 0.00	83.23 1.96 0.00	70.46 1.56 0.00	71.00 1.42 0.00	88.96 1.51 0.00	65.74 1.09 0.00	56.95 0.77 0.00	48.65 0.37 0.00	50.30 0.40 0.00	52.23 0.67 0.00	57.31 0.97 0.00	64.98 1.24 0.00	70.05 1.55 0.00	64.56 1.45 0.00	55.64 1.20 0.00	53.39 0.99 0.00	53.39 0.84 0.00	53.67 0.74 0.00	47.50 0.54 0.00
SLEIGHT__34_KV_TB1 80719	56.42 -1.71 0.00	54.40 -1.82 0.00	49.06 -1.56 0.00	45.28 -1.49 0.00	44.72 -1.40 0.00	53.32 -1.67 0.00	78.61 -2.65 0.00	66.44 -2.46 0.00	67.13 -2.45 0.00	84.24 -3.22 0.00	62.21 -2.44 0.00	53.79 -2.40 0.00	46.03 -2.25 0.00	47.51 -2.38 0.00	49.03 -2.52 0.00	53.80 -2.54 0.00	60.92 -2.82 0.00	65.31 -2.99 0.20	60.40 -2.71 0.00	51.97 -2.36 0.10	50.08 -2.32 0.00	48.07 -2.54 1.94	49.85 -2.52 0.57	44.70 -2.27 0.00
SMITHTWN_69_KV_BK 1 55830	60.55 2.42 0.00	57.83 1.61 0.00	52.11 1.48 0.00	48.21 1.44 0.00	47.64 1.52 0.00	57.04 2.05 0.00	83.92 2.65 0.00	71.72 2.82 0.00	72.45 2.86 0.00	91.54 4.08 0.00	67.99 3.35 0.00	59.73 3.54 0.00	51.81 3.53 0.00	53.62 3.73 0.00	55.25 3.70 0.00	59.92 3.58 0.00	67.31 3.57 0.00	72.21 3.70 0.00	66.91 3.80 0.00	57.88 3.44 0.00	56.09 3.69 0.00	56.75 4.20 0.00	56.99 4.06 0.00	50.53 3.56 0.00
SOUTH CAIRO__GT 23612	62.22 4.09 0.00	60.18 3.96 0.00	54.21 3.58 0.00	50.07 3.30 0.00	49.33 3.21 0.00	58.92 3.94 0.00	87.37 6.10 0.00	74.32 5.42 0.00	74.93 5.34 0.00	93.82 6.36 0.00	69.06 4.42 0.00	60.03 3.85 0.00	51.60 3.32 0.00	53.52 3.62 0.00	55.25 3.69 0.00	60.54 4.19 0.00	68.66 4.92 0.00	74.11 5.61 0.00	68.42 5.31 0.00	58.99 4.55 0.00	56.69 4.29 0.00	56.76 4.22 0.00	57.02 4.08 0.00	50.45 3.48 0.00
SOUTH HAMPTN__IC 23720	60.01 1.87 0.00	56.93 0.71 0.00	51.42 0.79 0.00	47.71 0.94 0.00	47.18 1.06 0.00	56.48 1.50 0.00	82.43 1.16 0.00	70.49 1.59 0.00	71.23 1.64 0.00	90.54 3.09 0.00	67.20 2.55 0.00	59.23 3.05 0.00	51.32 3.04 0.00	53.20 3.30 0.00	55.04 3.49 0.00	59.70 3.36 0.00	66.68 2.94 0.00	71.16 2.65 0.00	66.03 2.92 0.00	57.42 2.98 0.00	56.38 3.98 0.00	57.48 4.93 0.00	57.50 4.57 0.00	50.73 3.77 0.00
SOUTH DOW__115KV_TB1 355954	57.74 -0.39 0.00	55.39 -0.84 0.00	50.35 -0.28 0.00	46.59 -0.18 0.00	45.91 -0.21 0.00	54.29 -0.69 0.00	79.28 -1.99 0.00	66.61 -2.29 0.00	67.55 -2.04 0.00	84.60 -2.86 0.00	62.77 -1.88 0.00	53.72 -2.46 0.00	45.43 -2.85 0.00	46.80 -3.10 0.00	48.33 -3.22 0.00	52.60 -3.74 0.00	59.84 -3.90 0.00	63.52 -4.43 0.56	58.49 -4.47 0.15	49.30 -4.57 0.57	51.09 -4.81 -3.50	39.14 -5.25 8.16	39.41 -5.09 8.43	32.62 -4.39 9.95
SOUTH DOW__69_KV_BK 2 55809	59.81 1.68 0.00	56.72 0.50 0.00	51.22 0.59 0.00	47.52 0.75 0.00	47.02 0.89 0.00	56.33 1.34 0.00	82.25 0.98 0.00	70.48 1.58 0.00	71.11 1.52 0.00	90.40 2.94 0.00	67.09 2.45 0.00	59.08 2.89 0.00	51.15 2.87 0.00	53.04 3.14 0.00	54.86 3.31 0.00	59.53 3.19 0.00	66.56 2.81 0.00	71.09 2.58 0.00	66.02 2.91 0.00	57.54 3.11 0.00	56.77 4.37 0.00	58.06 5.51 0.00	57.98 5.04 0.00	50.83 3.86 0.00
SOUTH DOW__IC 23719	59.77 1.64 0.00	56.72 0.50 0.00	51.22 0.59 0.00	47.52 0.75 0.00	47.02 0.89 0.00	56.31 1.33 0.00	82.24 0.97 0.00	70.38 1.48 0.00	71.09 1.50 0.00	90.37 2.91 0.00	67.09 2.44 0.00	59.08 2.89 0.00	51.15 2.87 0.00	53.04 3.14 0.00	54.86 3.31 0.00	59.53 3.19 0.00	66.56 2.82 0.00	71.08 2.58 0.00	66.02 2.91 0.00	57.54 3.10 0.00	56.77 4.38 0.00	58.06 5.51 0.00	57.96 5.02 0.00	50.81 3.85 0.00
SOUTH FORK_WT_PWR 323839	58.83 0.70 0.00	55.78 -0.44 0.00	50.38 -0.24 0.00	46.76 0.00 0.00	46.27 0.14 0.00	55.43 0.44 0.00	80.96 -0.31 0.00	69.30 0.40 0.00	69.98 0.39 0.00	88.97 1.52 0.00	66.04 1.39 0.00	58.20 2.01 0.00	50.40 2.12 0.00	52.26 2.36 0.00	54.07 2.52 0.00	58.65 2.31 0.00	65.56 1.82 0.00	70.03 1.53 0.00	65.08 1.97 0.00	56.86 2.42 0.00	56.41 4.01 0.00	57.92 5.38 0.00	57.73 4.79 0.00	50.34 3.38 0.00
SPIERFLS_115KV_TB 1 80737	60.56 2.42 0.00	58.57 2.34 0.00	52.72 2.10 0.00	48.74 1.97 0.00	48.07 1.95 0.00	57.44 2.45 0.00	85.23 3.96 0.00	72.33 3.43 0.00	73.07 3.48 0.00	91.38 3.92 0.00	67.39 2.75 0.00	58.44 2.26 0.00	50.29 2.01 0.00	51.99 2.10 0.00	53.87 2.31 0.00	58.76 2.42 0.00	66.66 2.92 0.00	71.94 3.44 0.00	66.53 3.42 0.00	57.37 2.93 0.00	55.12 2.72 0.00	55.19 2.64 0.00	55.47 2.54 0.00	49.14 2.17 0.00

ST LAWRENCE____ 23600	58.57 0.44 0.00	56.74 0.52 0.00	51.08 0.45 0.00	47.22 0.45 0.00	46.63 0.51 0.00	55.36 0.37 0.00	81.69 0.42 0.00	69.17 0.27 0.00	69.72 0.13 0.00	87.50 0.04 0.00	64.58 -0.07 0.00	56.11 -0.08 0.00	48.09 -0.19 0.00	49.64 -0.25 0.00	51.37 -0.18 0.00	56.33 -0.01 0.00	63.87 0.13 0.00	68.65 0.15 0.00	63.19 0.08 0.00	54.46 0.03 0.00	52.37 -0.03 0.00	52.44 -0.10 0.00	52.92 -0.01 0.00	47.06 0.09 0.00
STATE_CA_115KV_115_LB 55624	60.27 2.13 0.00	58.33 2.11 0.00	52.54 1.92 0.00	48.53 1.76 0.00	47.80 1.68 0.00	57.00 2.01 0.00	84.27 3.00 0.00	71.56 2.66 0.00	72.25 2.67 0.00	90.88 3.43 0.00	67.15 2.50 0.00	58.45 2.26 0.00	50.40 2.13 0.00	52.12 2.23 0.00	53.77 2.22 0.00	58.60 2.26 0.00	66.40 2.66 0.00	71.38 2.88 0.00	65.83 2.72 0.00	56.85 2.41 0.00	54.62 2.23 0.00	54.84 2.29 0.00	55.17 2.23 0.00	48.90 1.94 0.00
STATE_ST_34_KV_LOAD 55959	57.67 -0.47 0.00	55.53 -0.70 0.00	50.19 -0.44 0.00	46.22 -0.55 0.00	45.66 -0.47 0.00	54.68 -0.30 0.00	80.77 -0.49 0.00	68.19 -0.71 0.00	69.02 -0.56 0.00	86.57 -0.88 0.00	63.73 -0.91 0.00	55.18 -1.01 0.00	47.47 -0.81 0.00	49.11 -0.79 0.00	50.71 -0.84 0.00	55.47 -0.87 0.00	62.72 -1.02 0.00	67.42 -0.93 0.15	62.33 -0.78 0.00	53.69 -0.67 0.07	51.69 -0.71 0.00	50.31 -0.85 1.39	51.66 -0.86 0.41	46.03 -0.94 0.00
STATION_5_MISC_HYD 23604	55.47 -1.60 1.07	52.38 -1.71 2.14	48.05 -1.53 1.05	43.71 -1.44 1.63	44.56 -1.36 0.20	51.12 -1.82 2.05	75.90 -3.16 2.21	64.61 -2.92 1.37	65.68 -2.92 0.99	81.96 -3.79 1.70	60.92 -2.70 1.03	53.47 -2.71 0.00	45.67 -2.61 0.00	47.06 -2.84 0.00	48.55 -3.00 0.00	53.35 -3.00 0.00	60.49 -3.25 0.00	64.23 -3.62 0.65	59.50 -3.35 0.26	51.46 -2.84 0.13	49.68 -2.72 0.00	47.17 -2.99 2.39	49.37 -2.86 0.70	44.51 -2.46 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	56.77 -1.37 0.00	54.75 -1.48 0.00	49.37 -1.26 0.00	45.64 -1.13 0.00	45.07 -1.05 0.00	53.66 -1.33 0.00	78.92 -2.34 0.00	66.75 -2.15 0.00	67.41 -2.17 0.00	84.54 -2.91 0.00	62.52 -2.13 0.00	54.02 -2.16 0.00	46.26 -2.02 0.00	47.69 -2.21 0.00	49.18 -2.37 0.00	54.00 -2.34 0.00	61.20 -2.54 0.00	65.47 -2.80 0.24	60.54 -2.57 0.00	52.10 -2.22 0.12	50.20 -2.20 0.00	47.87 -2.41 2.26	49.87 -2.40 0.66	44.82 -2.15 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	56.23 -1.91 0.00	54.21 -2.01 0.00	48.84 -1.79 0.00	45.10 -1.67 0.00	44.52 -1.60 0.00	52.91 -2.07 0.00	77.75 -3.52 0.00	65.66 -3.24 0.00	66.38 -3.21 0.00	83.31 -4.15 0.00	61.68 -2.97 0.00	53.28 -2.91 0.00	45.53 -2.75 0.00	46.91 -2.99 0.00	48.39 -3.16 0.00	53.14 -3.20 0.00	60.27 -3.47 0.00	64.38 -3.89 0.24	59.55 -3.56 0.00	51.27 -3.05 0.12	49.43 -2.97 0.00	47.04 -3.20 2.32	49.15 -3.11 0.68	44.26 -2.71 0.00
STA_56____34_KV_BUS2 355983	56.23 -1.91 0.00	54.21 -2.01 0.00	48.84 -1.79 0.00	45.10 -1.67 0.00	44.52 -1.60 0.00	52.91 -2.07 0.00	77.75 -3.52 0.00	65.66 -3.24 0.00	66.38 -3.21 0.00	83.31 -4.15 0.00	61.68 -2.97 0.00	53.28 -2.91 0.00	45.53 -2.75 0.00	46.91 -2.99 0.00	48.39 -3.16 0.00	53.14 -3.20 0.00	60.27 -3.47 0.00	64.38 -3.89 0.24	59.55 -3.56 0.00	51.27 -3.05 0.12	49.43 -2.97 0.00	47.04 -3.20 2.32	49.15 -3.11 0.68	44.26 -2.71 0.00
STA_67____115KV_BK2 355882	56.43 -1.71 0.00	54.41 -1.81 0.00	49.01 -1.61 0.00	45.25 -1.52 0.00	44.67 -1.46 0.00	53.07 -1.91 0.00	77.94 -3.33 0.00	65.80 -3.10 0.00	66.51 -3.07 0.00	83.46 -4.00 0.00	61.80 -2.84 0.00	53.36 -2.83 0.00	45.58 -2.70 0.00	46.95 -2.94 0.00	48.44 -3.11 0.00	53.23 -3.11 0.00	60.36 -3.38 0.00	64.47 -3.79 0.24	59.62 -3.49 0.00	51.34 -2.97 0.12	49.53 -2.87 0.00	47.04 -3.13 2.39	49.22 -3.02 0.70	44.36 -2.60 0.00
STA_7____115KV_9TRANS 80674	56.80 -1.34 0.00	54.74 -1.48 0.00	49.31 -1.32 0.00	45.52 -1.25 0.00	44.94 -1.18 0.00	53.40 -1.59 0.00	78.50 -2.77 0.00	66.28 -2.61 0.00	67.02 -2.57 0.00	84.10 -3.35 0.00	62.28 -2.37 0.00	53.76 -2.42 0.00	45.91 -2.37 0.00	47.30 -2.59 0.00	48.80 -2.75 0.00	53.63 -2.71 0.00	60.85 -2.89 0.00	65.01 -3.25 0.24	60.12 -3.00 0.00	51.77 -2.54 0.12	49.94 -2.47 0.00	47.44 -2.73 2.38	49.60 -2.64 0.70	44.68 -2.29 0.00
STA_82____115KV_TB1 80780	56.38 -1.76 0.00	54.36 -1.87 0.00	48.98 -1.65 0.00	45.22 -1.55 0.00	44.64 -1.48 0.00	53.02 -1.96 0.00	77.87 -3.39 0.00	65.73 -3.17 0.00	66.44 -3.14 0.00	83.37 -4.08 0.00	61.74 -2.91 0.00	53.30 -2.89 0.00	45.52 -2.76 0.00	46.90 -3.00 0.00	48.38 -3.17 0.00	53.16 -3.18 0.00	60.29 -3.45 0.00	64.40 -3.86 0.24	59.55 -3.56 0.00	51.28 -3.03 0.13	49.47 -2.93 0.00	46.97 -3.18 2.40	49.16 -3.07 0.70	44.32 -2.65 0.00
STEEL____WIND 323596	52.77 -2.53 2.83	47.94 -2.64 5.65	45.62 -2.23 2.77	40.42 -2.06 4.29	43.57 -2.01 0.54	46.44 -3.13 5.41	69.42 -6.02 5.83	59.51 -5.79 3.60	61.25 -5.74 2.59	75.50 -7.47 4.48	56.80 -5.10 2.75	51.16 -5.03 0.00	43.49 -4.79 0.00	44.67 -5.23 0.00	46.04 -5.51 0.00	50.76 -5.58 0.00	57.45 -6.29 0.00	59.64 -7.30 1.56	55.44 -6.76 0.91	47.83 -5.85 0.75	30.00 -5.55 16.85	26.02 -5.99 20.54	28.86 -5.68 18.40	25.85 -4.69 16.43
STEPHTWN_115KV_BK_2 55603	60.55 2.41 0.00	58.54 2.31 0.00	52.68 2.06 0.00	48.68 1.91 0.00	48.05 1.92 0.00	57.31 2.32 0.00	84.65 3.39 0.00	71.94 3.04 0.00	72.62 3.04 0.00	91.38 3.93 0.00	67.66 3.01 0.00	58.92 2.73 0.00	50.79 2.51 0.00	52.39 2.49 0.00	54.02 2.48 0.00	58.88 2.54 0.00	66.77 3.03 0.00	71.80 3.29 0.00	66.19 3.08 0.00	57.14 2.71 0.00	54.94 2.54 0.00	55.15 2.60 0.00	55.46 2.52 0.00	49.15 2.18 0.00
STEBEN_REC_LFGE 323667	57.39 -0.75 0.00	55.32 -0.91 0.00	49.95 -0.67 0.00	46.23 -0.54 0.00	45.83 -0.29 0.00	54.26 -0.73 0.00	79.22 -2.05 0.00	66.92 -1.98 0.00	67.25 -2.34 0.00	83.79 -3.66 0.00	62.06 -2.59 0.00	53.33 -2.86 0.00	45.77 -2.51 0.00	47.09 -2.81 0.00	48.78 -2.77 0.00	53.51 -2.83 0.00	60.26 -3.48 0.00	63.66 -3.99 0.86	59.73 -3.86 -0.48	51.40 -3.62 -0.58	82.26 -3.71 -33.57	71.91 -4.49 -23.86	79.45 -4.73 -31.24	74.65 -4.40 -32.09
STILLWATER____SOLAR 323814	60.70 2.57 0.00	58.73 2.51 0.00	52.85 2.22 0.00	48.85 2.08 0.00	48.15 2.02 0.00	57.47 2.48 0.00	85.10 3.83 0.00	72.21 3.31 0.00	72.86 3.28 0.00	91.41 3.95 0.00	67.46 2.81 0.00	58.56 2.38 0.00	50.43 2.16 0.00	52.16 2.27 0.00	53.90 2.35 0.00	58.81 2.47 0.00	66.54 2.80 0.00	71.71 3.20 0.00	66.21 3.10 0.00	57.17 2.73 0.00	55.04 2.64 0.00	55.21 2.66 0.00	55.51 2.58 0.00	49.20 2.24 0.00
STONY____BROOK 24151	60.40 2.27 0.00	57.68 1.46 0.00	51.99 1.36 0.00	48.12 1.35 0.00	47.54 1.41 0.00	56.91 1.93 0.00	83.70 2.43 0.00	71.46 2.57 0.00	72.25 2.67 0.00	91.35 3.90 0.00	67.85 3.21 0.00	59.62 3.44 0.00	51.71 3.43 0.00	53.54 3.64 0.00	55.18 3.63 0.00	59.82 3.48 0.00	67.18 3.44 0.00	72.05 3.54 0.00	66.74 3.63 0.00	57.74 3.30 0.00	55.99 3.59 0.00	56.68 4.13 0.00	56.89 3.96 0.00	50.44 3.48 0.00

STURGEON_POOL_HYD 23609	59.64 1.51 0.00	57.51 1.28 0.00	51.73 1.10 0.00	47.81 1.04 0.00	47.13 1.01 0.00	56.40 1.41 0.00	83.76 2.49 0.00	71.24 2.34 0.00	72.11 2.53 0.00	90.86 3.40 0.00	67.14 2.49 0.00	58.51 2.32 0.00	50.42 2.15 0.00	52.22 2.32 0.00	53.86 2.31 0.00	58.54 2.20 0.00	66.34 2.59 0.00	71.30 2.80 0.00	65.71 2.60 0.00	56.76 2.32 0.00	54.66 2.26 0.00	54.91 2.37 0.00	55.26 2.32 0.00	48.93 1.97 0.00
ST_LAW_115_BK7_LBMP 345037	58.60 0.47 0.00	56.78 0.56 0.00	51.11 0.49 0.00	47.28 0.52 0.00	46.69 0.56 0.00	55.42 0.43 0.00	81.76 0.49 0.00	69.20 0.30 0.00	69.73 0.14 0.00	87.50 0.04 0.00	64.56 -0.08 0.00	56.09 -0.09 0.00	48.08 -0.20 0.00	49.60 -0.29 0.00	51.35 -0.20 0.00	56.33 -0.01 0.00	63.89 0.14 0.00	68.67 0.17 0.00	63.18 0.07 0.00	54.46 0.03 0.00	52.37 -0.03 0.00	52.44 -0.11 0.00	52.92 -0.02 0.00	47.08 0.11 0.00
ST_LAW_115_BK8_LBMP 345038	58.60 0.47 0.00	56.78 0.56 0.00	51.11 0.49 0.00	47.28 0.52 0.00	46.69 0.56 0.00	55.42 0.43 0.00	81.76 0.49 0.00	69.20 0.30 0.00	69.73 0.14 0.00	87.50 0.04 0.00	64.56 -0.08 0.00	56.09 -0.09 0.00	48.08 -0.20 0.00	49.60 -0.29 0.00	51.35 -0.20 0.00	56.33 -0.01 0.00	63.89 0.14 0.00	68.67 0.17 0.00	63.18 0.07 0.00	54.46 0.03 0.00	52.37 -0.03 0.00	52.44 -0.11 0.00	52.92 -0.02 0.00	47.08 0.11 0.00
ST_LAW_230_BK5_LBMP 345035	58.57 0.44 0.00	56.74 0.52 0.00	51.08 0.45 0.00	47.22 0.45 0.00	46.63 0.51 0.00	55.36 0.37 0.00	81.69 0.42 0.00	69.17 0.27 0.00	69.72 0.13 0.00	87.50 0.04 0.00	64.58 -0.07 0.00	56.11 -0.08 0.00	48.09 -0.19 0.00	49.64 -0.25 0.00	51.37 -0.18 0.00	56.33 -0.01 0.00	63.87 0.13 0.00	68.65 0.15 0.00	63.19 0.08 0.00	54.46 0.03 0.00	52.37 -0.03 0.00	52.44 -0.10 0.00	52.92 -0.01 0.00	47.06 0.09 0.00
ST_LAW_230_BK6_LBMP 345036	58.57 0.44 0.00	56.74 0.52 0.00	51.08 0.45 0.00	47.22 0.45 0.00	46.63 0.51 0.00	55.36 0.37 0.00	81.69 0.42 0.00	69.17 0.27 0.00	69.72 0.13 0.00	87.50 0.04 0.00	64.58 -0.07 0.00	56.11 -0.08 0.00	48.09 -0.19 0.00	49.64 -0.25 0.00	51.37 -0.18 0.00	56.33 -0.01 0.00	63.87 0.13 0.00	68.65 0.15 0.00	63.19 0.08 0.00	54.46 0.03 0.00	52.37 -0.03 0.00	52.44 -0.10 0.00	52.92 -0.01 0.00	47.06 0.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	59.28 1.14 0.00	57.12 0.90 0.00	51.39 0.76 0.00	47.52 0.75 0.00	46.86 0.73 0.00	56.06 1.07 0.00	83.21 1.94 0.00	70.78 1.89 0.00	71.68 2.10 0.00	90.29 2.83 0.00	66.72 2.07 0.00	58.15 1.97 0.00	50.16 1.88 0.00	51.96 2.07 0.00	53.61 2.06 0.00	58.31 1.98 0.00	66.16 2.42 0.00	71.08 2.57 0.00	65.52 2.41 0.00	56.50 2.07 0.00	54.37 1.97 0.00	54.68 2.14 0.00	55.04 2.11 0.00	48.74 1.77 0.00
SWANROAD_115KV_TB1 355699	53.93 -4.20 0.00	52.03 -4.19 0.00	46.96 -3.67 0.00	43.37 -3.40 0.00	42.80 -3.32 0.00	49.79 -5.20 0.00	71.78 -9.49 0.00	59.78 -9.12 0.00	60.52 -9.07 0.00	75.91 -11.55 0.00	56.53 -8.12 0.00	48.58 -7.61 0.00	41.30 -6.98 0.00	42.34 -7.56 0.00	43.56 -7.99 0.00	48.12 -8.22 0.00	54.48 -9.26 0.00	57.51 -10.53 0.47	53.18 -9.73 0.19	45.54 -8.29 0.61	31.81 -7.27 13.33	28.43 -7.54 16.58	31.28 -7.01 14.65	28.22 -5.73 13.01
SYNERGY___BIOGAS 323694	56.71 -1.43 0.00	54.64 -1.58 0.00	49.28 -1.35 0.00	45.52 -1.25 0.00	44.92 -1.21 0.00	52.91 -2.08 0.00	77.14 -4.12 0.00	64.77 -4.13 0.00	65.41 -4.18 0.00	81.97 -5.48 0.00	60.69 -3.96 0.00	52.04 -4.15 0.00	44.11 -4.17 0.00	45.23 -4.66 0.00	46.58 -4.97 0.00	51.67 -4.68 0.00	58.80 -4.94 0.39	62.53 -5.58 0.13	57.95 -5.04 0.44	49.72 -4.29 8.69	39.83 -3.88 11.57	36.73 -4.24 9.77	39.21 -3.95 8.48	35.18 -3.31 8.48
SYRACUSE___ENERGY_ST1 323597	57.15 -0.99 0.00	55.18 -1.05 0.00	49.73 -0.90 0.00	45.89 -0.88 0.00	45.31 -0.81 0.00	54.10 -0.88 0.00	79.98 -1.29 0.00	67.76 -1.14 0.00	68.45 -1.13 0.00	85.90 -1.55 0.00	63.49 -1.15 0.00	55.02 -1.17 0.00	47.24 -1.04 0.00	48.83 -1.06 0.00	50.47 -1.08 0.00	55.26 -1.09 0.00	62.54 -1.20 0.00	67.23 -1.27 0.00	61.97 -1.14 0.00	53.41 -1.03 0.00	51.40 -1.00 0.00	51.49 -1.05 0.00	51.86 -1.08 0.00	45.96 -1.01 0.00
SYRACUSE___ENERGY_ST2 323598	57.15 -0.99 0.00	55.18 -1.05 0.00	49.73 -0.90 0.00	45.89 -0.88 0.00	45.31 -0.81 0.00	54.10 -0.88 0.00	79.98 -1.29 0.00	67.76 -1.14 0.00	68.45 -1.13 0.00	85.90 -1.55 0.00	63.49 -1.15 0.00	55.02 -1.17 0.00	47.24 -1.04 0.00	48.83 -1.06 0.00	50.47 -1.08 0.00	55.26 -1.09 0.00	62.54 -1.20 0.00	67.23 -1.27 0.00	61.97 -1.14 0.00	53.41 -1.03 0.00	51.40 -1.00 0.00	51.49 -1.05 0.00	51.86 -1.08 0.00	45.96 -1.01 0.00
SYRACUSE___POWER 24017	57.19 -0.94 0.00	55.25 -0.97 0.00	49.75 -0.87 0.00	45.93 -0.84 0.00	45.35 -0.77 0.00	54.12 -0.86 0.00	80.02 -1.25 0.00	67.84 -1.06 0.00	68.52 -1.06 0.00	85.99 -1.46 0.00	63.60 -1.05 0.00	55.11 -1.08 0.00	47.28 -1.00 0.00	48.86 -1.04 0.00	50.51 -1.04 0.00	55.32 -1.02 0.00	62.60 -1.14 0.00	67.26 -1.25 0.00	61.99 -1.12 0.00	53.44 -0.99 0.00	51.42 -0.98 0.00	51.52 -1.02 0.00	51.87 -1.06 0.00	45.99 -0.97 0.00
TALLMAN__138KV_BK151 55660	59.37 1.23 0.00	57.16 0.93 0.00	51.42 0.79 0.00	47.56 0.79 0.00	46.90 0.78 0.00	56.11 1.12 0.00	83.14 1.87 0.00	70.75 1.85 0.00	71.69 2.11 0.00	90.33 2.88 0.00	66.73 2.08 0.00	58.21 2.02 0.00	50.23 1.95 0.00	52.07 2.17 0.00	53.71 2.16 0.00	58.39 2.05 0.00	66.27 2.53 0.00	71.20 2.69 0.00	65.59 2.48 0.00	56.55 2.12 0.00	54.41 2.01 0.00	54.79 2.25 0.00	55.15 2.22 0.00	48.83 1.87 0.00
TEALLAVE_115KV_TB7 355573	56.85 -1.28 0.00	54.93 -1.30 0.00	49.47 -1.16 0.00	45.68 -1.10 0.00	45.09 -1.04 0.00	53.78 -1.20 0.00	79.50 -1.77 0.00	67.39 -1.51 0.00	68.08 -1.51 0.00	85.49 -1.96 0.00	63.23 -1.42 0.00	54.81 -1.37 0.00	47.03 -1.25 0.00	48.61 -1.29 0.00	50.24 -1.31 0.00	55.00 -1.34 0.00	62.22 -1.52 0.00	66.84 -1.66 0.00	61.61 -1.50 0.00	53.12 -1.32 0.00	51.12 -1.28 0.00	51.23 -1.32 0.00	51.60 -1.34 0.00	45.74 -1.23 0.00
TELEGRAPH_34_KV_EAST 80808	55.37 -2.77 0.00	53.35 -2.87 0.00	48.13 -2.49 0.00	44.45 -2.32 0.00	43.86 -2.27 0.00	51.38 -3.60 0.00	74.56 -6.70 0.00	62.38 -6.52 0.00	63.11 -6.48 0.00	79.14 -8.32 0.00	58.78 -5.87 0.00	50.48 -5.71 0.00	42.89 -5.39 0.00	43.97 -5.92 0.00	45.29 -6.26 0.00	50.08 -6.26 0.00	56.85 -6.89 0.48	60.14 -7.88 0.16	55.69 -7.26 0.52	47.73 -6.19 10.95	35.88 -5.57 14.00	32.65 -5.89 12.15	35.29 -5.49 10.69	31.76 -4.52 10.69
TEMPLE___115KV_TB 2 55572	56.89 -1.25 0.00	54.95 -1.27 0.00	49.49 -1.13 0.00	45.70 -1.07 0.00	45.11 -1.01 0.00	53.82 -1.17 0.00	79.53 -1.73 0.00	67.43 -1.47 0.00	68.12 -1.46 0.00	85.54 -1.91 0.00	63.26 -1.38 0.00	54.85 -1.34 0.00	47.07 -1.21 0.00	48.64 -1.26 0.00	50.27 -1.28 0.00	55.03 -1.31 0.00	62.25 -1.49 0.00	66.87 -1.63 0.00	61.63 -1.49 0.00	53.13 -1.31 0.00	51.13 -1.27 0.00	51.24 -1.31 0.00	51.61 -1.33 0.00	45.77 -1.20 0.00

TIANA___69_KV_BK 1 55817	60.23 2.10 0.00	57.13 0.90 0.00	51.58 0.95 0.00	47.85 1.08 0.00	47.32 1.20 0.00	56.65 1.66 0.00	82.68 1.41 0.00	70.78 1.88 0.00	71.45 1.87 0.00	90.85 3.40 0.00	67.44 2.79 0.00	59.40 3.21 0.00	51.47 3.19 0.00	53.37 3.47 0.00	55.19 3.64 0.00	59.86 3.51 0.00	66.86 3.12 0.00	71.36 2.85 0.00	66.19 3.09 0.00	57.52 3.08 0.00	56.35 3.95 0.00	57.35 4.81 0.00	57.44 4.51 0.00	50.79 3.82 0.00
TILDEN___115KV_TB1 80814	57.19 -0.94 0.00	55.25 -0.97 0.00	49.75 -0.87 0.00	45.93 -0.84 0.00	45.35 -0.77 0.00	54.12 -0.86 0.00	80.02 -1.25 0.00	67.84 -1.06 0.00	68.52 -1.06 0.00	85.99 -1.46 0.00	63.60 -1.05 0.00	55.11 -1.08 0.00	47.28 -1.00 0.00	48.86 -1.04 0.00	50.51 -1.04 0.00	55.32 -1.02 0.00	62.60 -1.14 0.00	67.26 -1.25 0.00	61.99 -1.12 0.00	53.44 -0.99 0.00	51.42 -0.98 0.00	51.52 -1.02 0.00	51.87 -1.06 0.00	45.99 -0.97 0.00
TRIGEN___CC 323695	60.04 1.90 0.00	57.61 1.39 0.00	51.83 1.20 0.00	47.91 1.14 0.00	47.30 1.18 0.00	56.55 1.57 0.00	83.64 2.37 0.00	71.45 2.55 0.00	72.30 2.72 0.00	91.19 3.74 0.00	67.60 2.96 0.00	59.17 2.98 0.00	51.22 2.94 0.00	53.01 3.12 0.00	54.65 3.10 0.00	59.30 2.96 0.00	66.88 3.14 0.00	71.89 3.39 0.00	66.45 3.34 0.00	57.38 2.94 0.00	55.33 2.93 0.00	55.79 3.24 0.00	56.13 3.19 0.00	49.73 2.76 0.00
TRINITY___115KV___4 BK 55933	60.03 1.90 0.00	58.12 1.90 0.00	52.34 1.72 0.00	48.35 1.58 0.00	47.63 1.51 0.00	56.77 1.79 0.00	83.93 2.66 0.00	71.25 2.36 0.00	71.93 2.34 0.00	90.51 3.05 0.00	66.85 2.20 0.00	58.19 2.01 0.00	50.18 1.90 0.00	51.92 2.02 0.00	53.53 1.98 0.00	58.31 1.98 0.00	66.13 2.39 0.00	71.07 2.56 0.00	65.53 2.42 0.00	56.59 2.15 0.00	54.40 2.00 0.00	54.63 2.09 0.00	54.97 2.03 0.00	48.73 1.77 0.00
UNION___PROCESSING_DRP 323587	56.39 -1.75 0.00	54.36 -1.86 0.00	48.98 -1.65 0.00	45.23 -1.54 0.00	44.65 -1.48 0.00	53.03 -1.96 0.00	77.88 -3.39 0.00	65.74 -3.16 0.00	66.45 -3.13 0.00	83.38 -4.07 0.00	61.74 -2.90 0.00	53.30 -2.89 0.00	45.53 -2.75 0.00	46.90 -2.99 0.00	48.39 -3.16 0.00	53.18 -3.16 0.00	60.30 -3.45 0.00	64.41 -3.85 0.25	59.57 -3.54 0.00	51.29 -3.02 0.13	49.48 -2.93 0.00	46.97 -3.17 2.41	49.17 -3.07 0.70	44.33 -2.64 0.00
UPPER HUDSON___HYD 24058	60.56 2.42 0.00	58.57 2.34 0.00	52.72 2.10 0.00	48.73 1.97 0.00	48.07 1.95 0.00	57.43 2.45 0.00	85.23 3.96 0.00	72.32 3.42 0.00	73.07 3.48 0.00	91.38 3.92 0.00	67.39 2.75 0.00	58.45 2.26 0.00	50.29 2.01 0.00	51.99 2.10 0.00	53.87 2.32 0.00	58.76 2.42 0.00	66.67 2.93 0.00	71.94 3.44 0.00	66.52 3.41 0.00	57.37 2.93 0.00	55.13 2.73 0.00	55.19 2.64 0.00	55.48 2.54 0.00	49.14 2.17 0.00
UPPER RAQUET___HYD 24056	59.56 1.42 0.00	57.72 1.50 0.00	51.87 1.25 0.00	48.03 1.26 0.00	47.37 1.24 0.00	56.39 1.40 0.00	83.16 1.89 0.00	70.25 1.35 0.00	70.49 0.91 0.00	88.01 0.56 0.00	64.85 0.20 0.00	56.22 0.03 0.00	48.05 -0.23 0.00	49.48 -0.42 0.00	51.29 -0.26 0.00	56.63 0.28 0.00	64.37 0.63 0.00	69.11 0.61 0.00	63.14 0.03 0.00	54.35 -0.09 0.00	52.23 -0.17 0.00	52.40 -0.14 0.00	53.12 0.18 0.00	47.41 0.45 0.00
VALLEY44_115KV_TB2 355964	57.14 -0.99 0.00	55.21 -1.01 0.00	49.64 -0.98 0.00	45.91 -0.86 0.00	45.17 -0.96 0.00	53.38 -1.61 0.00	77.60 -3.67 0.00	65.53 -3.37 0.00	66.18 -3.40 0.00	82.85 -4.61 0.00	61.17 -3.48 0.00	52.55 -3.63 0.00	44.61 -3.67 0.00	45.94 -3.96 0.00	47.42 -4.14 0.00	52.16 -4.19 0.00	59.21 -4.54 0.00	62.69 -5.24 0.58	58.10 -4.89 0.12	49.78 -4.16 0.51	43.33 -4.09 4.98	36.85 -4.41 11.28	39.93 -4.17 8.83	35.73 -3.47 7.76
VALLEY___115KV_TB 1-4 80826	59.04 0.90 0.00	57.13 0.91 0.00	51.53 0.90 0.00	47.58 0.81 0.00	46.93 0.81 0.00	56.13 1.14 0.00	83.06 1.79 0.00	70.72 1.82 0.00	71.34 1.76 0.00	89.45 1.99 0.00	65.97 1.32 0.00	57.36 1.18 0.00	49.36 1.08 0.00	50.97 1.08 0.00	52.63 1.08 0.00	57.47 1.13 0.00	64.96 1.22 0.00	70.05 1.55 0.00	64.72 1.61 0.00	55.88 1.44 0.00	53.86 1.46 0.00	54.10 1.56 0.00	54.37 1.44 0.00	48.16 1.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	60.25 2.11 0.00	58.28 2.05 0.00	52.50 1.87 0.00	48.54 1.77 0.00	47.84 1.72 0.00	57.18 2.19 0.00	84.70 3.43 0.00	71.69 2.79 0.00	72.35 2.77 0.00	90.96 3.51 0.00	67.31 2.66 0.00	58.46 2.28 0.00	50.15 1.87 0.00	51.88 1.98 0.00	53.70 2.15 0.00	58.79 2.45 0.00	66.50 2.76 0.00	71.54 2.87 -0.17	65.84 2.73 0.00	56.95 2.43 -0.08	54.72 2.32 0.00	56.39 2.29 -1.55	55.62 2.23 -0.45	48.89 1.92 0.00
VISCHER___FERRY HYD 24020	60.26 2.12 0.00	58.29 2.07 0.00	52.45 1.82 0.00	48.49 1.72 0.00	47.78 1.65 0.00	56.95 1.96 0.00	84.17 2.90 0.00	71.50 2.60 0.00	72.09 2.50 0.00	90.61 3.15 0.00	66.90 2.25 0.00	58.16 1.98 0.00	50.14 1.86 0.00	51.89 2.00 0.00	53.50 1.95 0.00	58.26 1.92 0.00	65.92 2.18 0.00	70.96 2.45 0.00	65.51 2.40 0.00	56.59 2.16 0.00	54.52 2.12 0.00	54.75 2.20 0.00	55.08 2.15 0.00	48.82 1.86 0.00
V_A_10_SYNC_DSASP 323832	54.32 -3.81 0.00	52.35 -3.87 0.00	47.22 -3.41 0.00	43.61 -3.15 0.00	42.98 -3.14 0.00	50.63 -4.35 0.00	73.46 -7.81 0.00	61.55 -7.35 0.00	62.28 -7.30 0.00	78.13 -9.33 0.00	58.03 -6.62 0.00	50.00 -6.19 0.00	42.57 -5.70 0.00	43.76 -6.14 0.00	45.07 -6.48 0.00	49.65 -6.69 0.00	56.21 -7.53 0.41	59.58 -8.52 0.15	55.08 -7.88 0.49	47.24 -6.70 10.38	35.72 -6.30 13.35	32.59 -6.61 11.53	35.13 -6.27 11.53	31.65 -5.21 10.11
V_CMM_10_SYNC_DSASP 323787	58.63 0.49 0.00	56.81 0.59 0.00	51.16 0.54 0.00	47.39 0.62 0.00	46.86 0.73 0.00	55.51 0.53 0.00	81.82 0.55 0.00	69.25 0.35 0.00	69.77 0.19 0.00	87.54 0.09 0.00	64.60 -0.05 0.00	56.11 -0.07 0.00	48.11 -0.17 0.00	49.62 -0.28 0.00	51.37 -0.18 0.00	56.38 0.04 0.00	63.96 0.22 0.00	68.72 0.22 0.00	63.22 0.12 0.00	54.50 0.07 0.00	52.50 0.10 0.00	52.54 -0.01 0.00	52.98 0.04 0.00	47.16 0.19 0.00
V_CMP_10_SYNC_DSASP 323788	59.71 1.58 0.00	57.87 1.65 0.00	52.06 1.43 0.00	48.02 1.25 0.00	47.35 1.22 0.00	56.00 1.02 0.00	82.56 1.30 0.00	69.84 0.94 0.00	70.35 0.76 0.00	88.24 0.79 0.00	65.08 0.43 0.00	56.63 0.44 0.00	48.54 0.26 0.00	49.96 0.06 0.00	51.58 0.03 0.00	56.44 0.11 0.00	64.08 0.34 0.00	69.20 0.69 0.00	63.91 0.81 0.00	54.96 0.53 0.00	52.71 0.31 0.00	53.10 0.56 0.00	53.89 0.96 0.00	47.79 0.82 0.00
V_D_10_SYNC_DSASP 323841	59.25 1.12 0.00	57.42 1.20 0.00	51.66 1.03 0.00	47.84 1.07 0.00	47.21 1.08 0.00	56.07 1.08 0.00	82.67 1.40 0.00	69.96 1.06 0.00	70.41 0.83 0.00	88.26 0.80 0.00	65.10 0.45 0.00	56.53 0.34 0.00	48.43 0.15 0.00	49.94 0.05 0.00	51.72 0.16 0.00	56.82 0.48 0.00	64.52 0.78 0.00	69.33 0.82 0.00	63.73 0.62 0.00	54.90 0.46 0.00	52.81 0.41 0.00	52.85 0.30 0.00	53.36 0.42 0.00	47.53 0.57 0.00

V_E_10_SYNC_DSASP 323830	59.48 1.34 0.00	57.45 1.23 0.00	51.80 1.18 0.00	47.97 1.20 0.00	48.11 1.99 0.00	57.58 2.59 0.00	86.08 4.81 0.00	73.47 4.58 0.00	73.63 4.04 0.00	91.97 4.51 0.00	68.07 3.42 0.00	58.73 2.55 0.00	49.85 1.57 0.00	51.46 1.57 0.00	53.32 1.77 0.00	58.63 2.29 0.00	66.24 2.50 0.00	71.13 2.54 -0.09	65.64 2.50 -0.03	55.91 1.36 -0.11	55.26 0.62 -2.24	55.76 0.24 -2.97	55.36 -0.09 -2.52	48.83 -0.32 -2.19
V_F_30_NSYNC_DSASP 323816	60.74 2.61 0.00	58.76 2.54 0.00	52.88 2.26 0.00	48.87 2.10 0.00	48.18 2.06 0.00	57.51 2.52 0.00	85.15 3.87 0.00	72.28 3.38 0.00	72.92 3.34 0.00	91.48 4.03 0.00	67.53 2.88 0.00	58.62 2.44 0.00	50.48 2.21 0.00	52.22 2.32 0.00	53.96 2.41 0.00	58.89 2.55 0.00	66.60 2.85 0.00	71.75 3.25 0.00	66.26 3.15 0.00	57.19 2.76 0.00	55.08 2.68 0.00	55.23 2.69 0.00	55.54 2.60 0.00	49.23 2.27 0.00
V_F_30_SYNC_DSASP 323786	60.27 2.13 0.00	58.33 2.10 0.00	52.54 1.92 0.00	48.53 1.76 0.00	47.80 1.67 0.00	56.99 2.00 0.00	84.26 2.99 0.00	71.56 2.66 0.00	72.23 2.65 0.00	90.88 3.43 0.00	67.13 2.48 0.00	58.44 2.26 0.00	50.40 2.12 0.00	52.12 2.23 0.00	53.76 2.21 0.00	58.58 2.24 0.00	66.40 2.66 0.00	71.37 2.87 0.00	65.81 2.70 0.00	56.84 2.40 0.00	54.62 2.22 0.00	54.84 2.29 0.00	55.16 2.23 0.00	48.90 1.94 0.00
V_XM_10_SYNC_DSASP 323789	59.71 1.58 0.00	57.87 1.65 0.00	52.06 1.43 0.00	48.02 1.25 0.00	47.35 1.22 0.00	56.00 1.02 0.00	82.56 1.30 0.00	69.84 0.94 0.00	70.35 0.76 0.00	88.24 0.79 0.00	65.08 0.43 0.00	56.63 0.44 0.00	48.54 0.26 0.00	49.96 0.06 0.00	51.58 0.03 0.00	56.44 0.11 0.00	64.08 0.34 0.00	69.20 0.69 0.00	63.91 0.81 0.00	54.96 0.53 0.00	52.71 0.31 0.00	53.10 0.56 0.00	53.89 0.96 0.00	47.79 0.82 0.00
W.BABYLN_69_KV_BK1 56697	60.89 2.75 0.00	58.26 2.04 0.00	52.47 1.84 0.00	48.54 1.77 0.00	47.95 1.82 0.00	57.36 2.38 0.00	84.55 3.28 0.00	72.19 3.29 0.00	72.90 3.31 0.00	91.94 4.48 0.00	68.38 3.73 0.00	60.01 3.82 0.00	52.05 3.77 0.00	53.87 3.98 0.00	55.51 3.96 0.00	60.24 3.90 0.00	67.64 3.90 0.00	72.62 4.12 0.00	67.29 4.18 0.00	58.19 3.76 0.00	56.28 3.88 0.00	56.84 4.30 0.00	57.15 4.21 0.00	50.68 3.71 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	59.63 1.49 0.00	57.40 1.18 0.00	51.63 1.01 0.00	47.76 0.99 0.00	47.10 0.97 0.00	56.36 1.37 0.00	83.65 2.38 0.00	71.21 2.31 0.00	72.14 2.56 0.00	90.90 3.44 0.00	67.16 2.52 0.00	58.57 2.39 0.00	50.54 2.26 0.00	52.37 2.47 0.00	54.03 2.48 0.00	58.75 2.40 0.00	66.66 2.92 0.00	71.61 3.10 0.00	65.99 2.88 0.00	56.91 2.47 0.00	54.77 2.37 0.00	55.11 2.56 0.00	55.47 2.53 0.00	49.09 2.13 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	59.98 1.84 0.00	57.70 1.48 0.00	51.89 1.26 0.00	47.99 1.22 0.00	47.36 1.23 0.00	56.68 1.69 0.00	84.16 2.90 0.00	71.77 2.87 0.00	72.79 3.20 0.00	91.74 4.28 0.00	67.77 3.13 0.00	59.12 2.93 0.00	51.05 2.77 0.00	52.89 2.99 0.00	54.55 3.00 0.00	59.29 2.95 0.00	67.23 3.49 0.00	72.21 3.70 0.00	66.53 3.42 0.00	57.37 2.93 0.00	55.20 2.80 0.00	55.57 3.03 0.00	56.02 3.08 0.00	49.61 2.65 0.00
W50THST__13_KV_LOAD 356117	60.27 2.14 0.00	57.97 1.74 0.00	52.12 1.50 0.00	48.22 1.45 0.00	47.57 1.45 0.00	56.95 1.97 0.00	84.61 3.34 0.00	72.18 3.28 0.00	73.20 3.62 0.00	92.28 4.83 0.00	68.20 3.56 0.00	59.48 3.30 0.00	51.36 3.08 0.00	53.21 3.32 0.00	54.88 3.32 0.00	59.65 3.31 0.00	67.64 3.90 0.00	72.63 4.13 0.00	66.91 3.80 0.00	57.66 3.23 0.00	55.49 3.09 0.00	55.84 3.29 0.00	56.27 3.34 0.00	49.83 2.87 0.00
WADING RIVER_IC_1 23522	60.08 1.95 0.00	56.91 0.69 0.00	51.40 0.77 0.00	47.75 0.98 0.00	47.21 1.09 0.00	56.47 1.48 0.00	82.13 0.87 0.00	70.24 1.34 0.00	71.01 1.43 0.00	90.61 3.15 0.00	67.25 2.61 0.00	59.26 3.08 0.00	51.38 3.10 0.00	53.27 3.37 0.00	55.17 3.62 0.00	59.80 3.46 0.00	66.65 2.91 0.00	70.95 2.45 0.00	65.82 2.71 0.00	57.18 2.74 0.00	56.02 3.62 0.00	57.00 4.45 0.00	57.13 4.19 0.00	50.65 3.69 0.00
WADING RIVER_IC_2 23547	60.08 1.95 0.00	56.91 0.69 0.00	51.40 0.77 0.00	47.75 0.98 0.00	47.21 1.09 0.00	56.47 1.48 0.00	82.13 0.87 0.00	70.24 1.34 0.00	71.01 1.43 0.00	90.61 3.15 0.00	67.25 2.61 0.00	59.26 3.08 0.00	51.38 3.10 0.00	53.27 3.37 0.00	55.17 3.62 0.00	59.80 3.46 0.00	66.65 2.91 0.00	70.95 2.45 0.00	65.82 2.71 0.00	57.18 2.74 0.00	56.02 3.62 0.00	57.00 4.45 0.00	57.13 4.19 0.00	50.65 3.69 0.00
WADING RIVER_IC_3 23601	60.08 1.95 0.00	56.91 0.69 0.00	51.40 0.77 0.00	47.75 0.98 0.00	47.21 1.09 0.00	56.47 1.48 0.00	82.13 0.87 0.00	70.24 1.34 0.00	71.01 1.43 0.00	90.61 3.15 0.00	67.25 2.61 0.00	59.26 3.08 0.00	51.38 3.10 0.00	53.27 3.37 0.00	55.17 3.62 0.00	59.80 3.46 0.00	66.65 2.91 0.00	70.95 2.45 0.00	65.82 2.71 0.00	57.18 2.74 0.00	56.02 3.62 0.00	57.00 4.45 0.00	57.13 4.19 0.00	50.65 3.69 0.00
WALDENNY_12_KV_BK2 80841	55.64 -2.50 0.00	53.59 -2.63 0.00	48.41 -2.22 0.00	44.75 -2.03 0.00	44.10 -2.03 0.00	51.83 -3.15 0.00	75.13 -6.14 0.00	62.90 -6.00 0.00	63.67 -5.92 0.00	79.84 -7.62 0.00	59.44 -5.20 0.00	51.09 -5.09 0.00	43.46 -4.82 0.00	44.61 -5.28 0.00	45.96 -5.59 0.00	50.65 -5.69 0.00	57.35 -6.39 0.00	60.57 -7.43 0.51	55.97 -6.90 0.24	47.76 -5.95 0.72	30.26 -5.66 16.48	26.38 -6.05 20.12	29.22 -5.71 18.00	26.20 -4.70 16.07
WALDEN__HYDRO 24148	59.69 1.55 0.00	57.52 1.29 0.00	51.74 1.11 0.00	47.83 1.06 0.00	47.16 1.04 0.00	56.44 1.46 0.00	83.80 2.53 0.00	71.30 2.40 0.00	72.18 2.60 0.00	90.89 3.44 0.00	67.15 2.51 0.00	58.49 2.31 0.00	50.41 2.13 0.00	52.21 2.31 0.00	53.87 2.31 0.00	58.61 2.27 0.00	66.48 2.73 0.00	71.45 2.95 0.00	65.89 2.78 0.00	56.88 2.44 0.00	54.77 2.37 0.00	55.05 2.50 0.00	55.39 2.46 0.00	49.04 2.08 0.00
WARRENSBURG____ 23737	60.56 2.42 0.00	58.57 2.34 0.00	52.72 2.10 0.00	48.74 1.97 0.00	48.07 1.95 0.00	57.44 2.45 0.00	85.23 3.96 0.00	72.33 3.43 0.00	73.07 3.48 0.00	91.38 3.92 0.00	67.39 2.75 0.00	58.44 2.26 0.00	50.29 2.01 0.00	51.99 2.10 0.00	53.87 2.31 0.00	58.76 2.42 0.00	66.66 2.92 0.00	71.94 3.44 0.00	66.53 3.42 0.00	57.37 2.93 0.00	55.12 2.72 0.00	55.19 2.64 0.00	55.47 2.54 0.00	49.14 2.17 0.00
WATERSIDE____6 8 9 23538	60.04 1.90 0.00	57.74 1.51 0.00	51.94 1.32 0.00	48.04 1.27 0.00	47.40 1.28 0.00	56.73 1.74 0.00	84.25 2.98 0.00	71.87 2.97 0.00	72.86 3.28 0.00	91.83 4.37 0.00	67.77 3.12 0.00	59.12 2.93 0.00	51.06 2.78 0.00	52.89 3.00 0.00	54.56 3.01 0.00	59.30 2.96 0.00	67.24 3.50 0.00	72.21 3.70 0.00	66.54 3.43 0.00	57.40 2.97 0.00	55.24 2.84 0.00	55.62 3.08 0.00	56.03 3.10 0.00	49.64 2.67 0.00

WATKINRD_115KV_LN8_ILLLION 55919	58.80 0.67 0.00	56.88 0.66 0.00	51.27 0.65 0.00	47.36 0.58 0.00	46.70 0.58 0.00	55.79 0.81 0.00	82.59 1.32 0.00	70.20 1.30 0.00	70.83 1.25 0.00	88.88 1.42 0.00	65.59 0.95 0.00	57.05 0.87 0.00	49.09 0.81 0.00	50.70 0.81 0.00	52.37 0.82 0.00	57.21 0.87 0.00	64.67 0.93 0.00	69.66 1.16 0.00	64.30 1.19 0.00	55.49 1.05 0.00	53.48 1.08 0.00	53.69 1.15 0.00	54.00 1.07 0.00	47.83 0.87 0.00
WDELAWARE___HYD 323627	60.34 2.21 0.00	58.19 1.96 0.00	52.40 1.77 0.00	48.49 1.72 0.00	47.84 1.72 0.00	57.29 2.30 0.00	85.09 3.82 0.00	72.26 3.36 0.00	73.03 3.45 0.00	91.94 4.48 0.00	67.93 3.29 0.00	59.14 2.95 0.00	50.92 2.64 0.00	52.53 2.64 0.00	54.02 2.48 0.00	58.76 2.42 0.00	66.72 2.98 0.00	71.75 3.24 0.00	66.16 3.06 0.00	57.10 2.66 0.00	54.94 2.54 0.00	55.16 2.62 0.00	55.46 2.53 0.00	49.08 2.12 0.00
WEST BABYLON___IC 23714	60.89 2.75 0.00	58.26 2.04 0.00	52.47 1.84 0.00	48.54 1.77 0.00	47.95 1.82 0.00	57.36 2.38 0.00	84.55 3.28 0.00	72.19 3.29 0.00	72.90 3.31 0.00	91.94 4.48 0.00	68.38 3.73 0.00	60.01 3.82 0.00	52.05 3.77 0.00	53.87 3.98 0.00	55.51 3.96 0.00	60.24 3.90 0.00	67.64 3.90 0.00	72.62 4.12 0.00	67.29 4.18 0.00	58.19 3.76 0.00	56.28 3.88 0.00	56.84 4.30 0.00	57.15 4.21 0.00	50.68 3.71 0.00
WEST CANADA___HYD 24049	58.15 0.02 0.00	56.24 0.02 0.00	50.67 0.04 0.00	46.77 0.00 0.00	46.12 0.00 0.00	55.03 0.05 0.00	81.38 0.12 0.00	69.03 0.13 0.00	69.72 0.14 0.00	87.63 0.18 0.00	64.79 0.14 0.00	56.34 0.16 0.00	48.42 0.14 0.00	50.04 0.14 0.00	51.70 0.15 0.00	56.46 0.12 0.00	63.86 0.11 0.00	68.66 0.15 0.00	63.24 0.13 0.00	54.56 0.12 0.00	52.48 0.08 0.00	52.64 0.10 0.00	53.00 0.06 0.00	47.00 0.04 0.00
WESTERN_NY_WIND 24143	56.61 -1.53 0.00	54.55 -1.68 0.00	49.19 -1.44 0.00	45.43 -1.34 0.00	44.84 -1.28 0.00	52.79 -2.20 0.00	76.95 -4.32 0.00	64.57 -4.32 0.00	65.23 -4.36 0.00	81.75 -5.71 0.00	60.53 -4.11 0.00	51.90 -4.29 0.00	43.99 -4.29 0.00	45.10 -4.79 0.00	46.43 -5.12 0.00	51.52 -4.82 0.00	58.64 -5.10 0.00	62.32 -5.78 0.00	57.75 -5.23 0.00	49.53 -4.45 0.00	38.98 -4.02 0.00	35.82 -4.39 0.00	38.33 -4.08 0.00	34.38 -3.42 0.00
WESTOVER___LESR 323668	57.80 -0.33 0.00	55.82 -0.40 0.00	50.31 -0.32 0.00	46.49 -0.28 0.00	45.87 -0.25 0.00	54.67 -0.31 0.00	80.64 -0.63 0.00	68.36 -0.54 0.00	69.03 -0.56 0.00	86.68 -0.77 0.00	64.16 -0.49 0.00	55.64 -0.54 0.00	47.72 -0.56 0.00	49.29 -0.60 0.00	50.96 -0.59 0.00	55.84 -0.51 0.00	63.09 -0.65 0.00	68.26 -0.88 0.00	62.32 -0.79 0.00	54.02 -0.74 0.00	51.71 -0.69 0.00	57.77 -0.78 0.00	53.90 -0.79 0.00	46.25 -0.71 0.00
WETHRSFD_WT_PWR 323626	54.46 -2.56 1.11	51.37 -2.62 2.23	47.33 -2.20 1.09	43.10 -1.98 1.69	44.03 -1.88 0.21	50.00 -2.86 2.13	73.56 -5.41 2.30	62.32 -5.16 1.42	63.24 -5.32 1.02	78.68 -7.01 1.76	58.64 -4.93 1.08	51.31 -4.88 0.00	43.78 -4.50 0.00	44.97 -4.92 0.00	46.47 -5.08 0.00	51.10 -5.25 0.00	57.78 -5.96 0.00	60.68 -6.77 1.06	55.70 -6.34 1.07	46.84 -5.67 1.92	-7.63 -5.70 54.33	-11.07 -6.28 57.34	-10.01 -6.24 56.70	-11.34 -5.37 52.94
WHAVSTOR_138KV_BK127 55557	59.38 1.24 0.00	57.18 0.95 0.00	51.43 0.81 0.00	47.57 0.80 0.00	46.91 0.79 0.00	56.12 1.14 0.00	83.31 2.04 0.00	70.89 1.99 0.00	71.82 2.23 0.00	90.48 3.03 0.00	66.85 2.20 0.00	58.30 2.11 0.00	50.32 2.04 0.00	52.14 2.24 0.00	53.79 2.24 0.00	58.47 2.12 0.00	66.35 2.60 0.00	71.27 2.76 0.00	65.69 2.58 0.00	56.65 2.22 0.00	54.51 2.11 0.00	54.87 2.32 0.00	55.24 2.31 0.00	48.91 1.95 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	59.38 1.24 0.00	57.18 0.95 0.00	51.43 0.81 0.00	47.57 0.80 0.00	46.91 0.79 0.00	56.12 1.14 0.00	83.31 2.04 0.00	70.89 1.99 0.00	71.82 2.23 0.00	90.48 3.03 0.00	66.85 2.20 0.00	58.30 2.11 0.00	50.32 2.04 0.00	52.14 2.24 0.00	53.79 2.24 0.00	58.47 2.12 0.00	66.35 2.60 0.00	71.27 2.76 0.00	65.69 2.58 0.00	56.65 2.22 0.00	54.51 2.11 0.00	54.87 2.32 0.00	55.24 2.31 0.00	48.91 1.95 0.00
WHITEHAL_115KV_TB1 80871	61.73 3.60 0.00	59.67 3.45 0.00	53.78 3.16 0.00	49.74 2.97 0.00	49.10 2.97 0.00	58.76 3.77 0.00	87.47 6.20 0.00	73.93 5.03 0.00	74.74 5.15 0.00	92.37 4.91 0.00	67.92 3.27 0.00	58.66 2.48 0.00	50.45 2.17 0.00	52.24 2.35 0.00	54.37 2.82 0.00	58.99 2.66 0.00	67.72 3.98 0.00	73.53 5.03 0.00	68.27 5.16 0.00	58.81 4.37 0.00	56.06 3.67 0.00	56.01 3.46 0.00	56.47 3.54 0.00	50.05 3.09 0.00
WHITEPLN_13_KV_LOAD 356215	60.29 2.16 0.00	58.02 1.80 0.00	52.19 1.56 0.00	48.25 1.48 0.00	47.60 1.48 0.00	56.99 2.01 0.00	84.61 3.34 0.00	72.11 3.21 0.00	73.08 3.49 0.00	92.09 4.63 0.00	68.05 3.40 0.00	59.36 3.18 0.00	51.24 2.96 0.00	53.09 3.19 0.00	54.76 3.21 0.00	59.55 3.20 0.00	67.52 3.77 0.00	72.56 4.06 0.00	66.89 3.78 0.00	57.66 3.23 0.00	55.49 3.09 0.00	55.81 3.27 0.00	56.19 3.25 0.00	49.74 2.78 0.00
WM_FLOYD_69_KV_BK2 356380	60.31 2.18 0.00	57.34 1.12 0.00	51.73 1.10 0.00	47.97 1.20 0.00	47.41 1.28 0.00	56.75 1.76 0.00	83.00 1.73 0.00	71.04 2.14 0.00	71.74 2.16 0.00	91.03 3.58 0.00	67.58 2.94 0.00	59.47 3.29 0.00	51.54 3.26 0.00	53.42 3.52 0.00	55.18 3.63 0.00	59.82 3.48 0.00	66.94 3.19 0.00	71.57 3.06 0.00	66.35 3.24 0.00	57.53 3.09 0.00	56.09 3.69 0.00	56.96 4.41 0.00	57.12 4.19 0.00	50.63 3.66 0.00
WOODARD_115KV_TB2 355635	56.73 -1.40 0.00	54.82 -1.40 0.00	49.37 -1.26 0.00	45.58 -1.19 0.00	44.99 -1.14 0.00	53.67 -1.31 0.00	79.34 -1.93 0.00	67.26 -1.64 0.00	67.95 -1.63 0.00	85.32 -2.13 0.00	63.08 -1.56 0.00	54.71 -1.48 0.00	46.96 -1.32 0.00	48.53 -1.37 0.00	50.15 -1.40 0.00	54.90 -1.44 0.00	62.13 -1.62 0.00	66.76 -1.74 0.00	61.53 -1.58 0.00	53.05 -1.39 0.00	51.06 -1.34 0.00	51.18 -1.37 0.00	51.55 -1.39 0.00	45.69 -1.28 0.00
WOODMERE_69_KV_BK1 55827	61.00 2.87 0.00	58.54 2.31 0.00	52.55 1.92 0.00	48.37 1.60 0.00	47.76 1.64 0.00	57.11 2.12 0.00	84.54 3.27 0.00	72.67 3.78 0.00	73.54 3.95 0.00	92.48 5.02 0.00	68.53 3.89 0.00	60.03 3.85 0.00	51.95 3.67 0.00	53.80 3.90 0.00	55.45 3.90 0.00	60.19 3.86 0.00	67.89 4.14 0.00	72.98 4.48 0.00	67.41 4.29 0.00	58.20 3.76 0.00	55.92 3.53 0.00	56.36 3.81 0.00	56.69 3.76 0.00	50.21 3.24 0.00
YORK___WARBASSE 23770	60.04 1.90 0.00	57.74 1.51 0.00	51.96 1.33 0.00	48.08 1.31 0.00	47.43 1.30 0.00	56.74 1.75 0.00	84.24 2.97 0.00	71.80 2.90 0.00	72.74 3.16 0.00	91.66 4.20 0.00	67.63 2.98 0.00	59.04 2.85 0.00	50.99 2.71 0.00	52.83 2.93 0.00	54.49 2.94 0.00	59.22 2.87 0.00	67.13 3.39 0.00	72.07 3.57 0.00	66.43 3.32 0.00	57.36 2.92 0.00	55.18 2.79 0.00	55.58 3.03 0.00	55.98 3.05 0.00	49.59 2.62 0.00