

ALBANY___2 23572	48.90 1.24 0.00	45.10 1.14 0.00	43.98 1.20 0.00	43.68 1.19 0.00	44.23 1.12 0.00	47.68 1.21 0.00	68.58 0.61 0.00	86.75 0.52 0.00	78.37 0.70 0.00	68.09 0.61 0.00	63.92 0.25 0.00	62.54 0.37 0.00	60.68 0.24 0.00	62.34 0.49 0.00	62.72 0.62 0.00	65.27 0.58 0.00	73.83 0.73 0.00	85.44 0.34 0.00	80.48 0.24 0.00	73.16 0.22 0.00	64.59 0.58 0.00	58.12 0.63 0.00	51.98 1.07 0.00	46.58 0.87 0.00
ALBANY___3 23573	48.90 1.24 0.00	45.10 1.14 0.00	43.98 1.20 0.00	43.68 1.19 0.00	44.23 1.12 0.00	47.68 1.21 0.00	68.58 0.61 0.00	86.75 0.52 0.00	78.37 0.70 0.00	68.09 0.61 0.00	63.92 0.25 0.00	62.54 0.37 0.00	60.68 0.24 0.00	62.34 0.49 0.00	62.72 0.62 0.00	65.27 0.58 0.00	73.83 0.73 0.00	85.44 0.34 0.00	80.48 0.24 0.00	73.16 0.22 0.00	64.59 0.58 0.00	58.12 0.63 0.00	51.98 1.07 0.00	46.58 0.87 0.00
ALBANY___4 23574	48.90 1.24 0.00	45.10 1.14 0.00	43.98 1.20 0.00	43.68 1.19 0.00	44.23 1.12 0.00	47.68 1.21 0.00	68.58 0.61 0.00	86.75 0.52 0.00	78.37 0.70 0.00	68.09 0.61 0.00	63.92 0.25 0.00	62.54 0.37 0.00	60.68 0.24 0.00	62.34 0.49 0.00	62.72 0.62 0.00	65.27 0.58 0.00	73.83 0.73 0.00	85.44 0.34 0.00	80.48 0.24 0.00	73.16 0.22 0.00	64.59 0.58 0.00	58.12 0.63 0.00	51.98 1.07 0.00	46.58 0.87 0.00
ALBANY___LFGE 323615	49.23 1.57 0.00	45.45 1.50 0.00	44.32 1.54 0.00	44.02 1.53 0.00	44.53 1.42 0.00	48.01 1.53 0.00	69.19 1.22 0.00	87.61 1.38 0.00	79.07 1.40 0.00	68.76 1.28 0.00	64.55 0.89 0.00	63.16 0.99 0.00	61.22 0.78 0.00	62.96 1.11 0.00	63.34 1.24 0.00	65.85 1.17 0.00	74.48 1.39 0.00	86.38 1.28 0.00	81.28 1.04 0.00	73.89 0.95 0.00	65.10 1.09 0.00	58.53 1.04 0.00	52.39 1.48 0.00	46.94 1.23 0.00
ALCOA_PA_115KV_PL-6C 55860	48.23 0.57 0.00	44.40 0.44 0.00	43.17 0.39 0.00	42.96 0.47 0.00	43.67 0.56 0.00	47.22 0.74 0.00	69.26 1.29 0.00	87.87 1.64 0.00	79.07 1.40 0.00	68.69 1.21 0.00	64.93 1.27 0.00	63.35 1.18 0.00	61.83 1.39 0.00	63.09 1.24 0.00	63.27 1.18 0.00	65.72 1.04 0.00	74.05 0.95 0.00	86.21 1.11 0.00	81.29 1.04 0.00	73.97 1.02 0.00	65.10 1.09 0.00	58.81 1.32 0.00	51.93 1.02 0.00	46.62 0.91 0.00
ALCOA_RYNLDS___DRP 24188	48.23 0.57 0.00	44.40 0.44 0.00	43.17 0.39 0.00	42.96 0.47 0.00	43.67 0.56 0.00	47.22 0.74 0.00	69.26 1.29 0.00	87.87 1.64 0.00	79.07 1.40 0.00	68.69 1.21 0.00	64.93 1.27 0.00	63.35 1.18 0.00	61.83 1.39 0.00	63.09 1.24 0.00	63.27 1.18 0.00	65.72 1.04 0.00	74.05 0.95 0.00	86.21 1.11 0.00	81.29 1.04 0.00	73.97 1.02 0.00	65.10 1.09 0.00	58.81 1.32 0.00	51.93 1.02 0.00	46.62 0.91 0.00
ALCOA___DSASP 323711	48.23 0.57 0.00	44.40 0.44 0.00	43.17 0.39 0.00	42.96 0.47 0.00	43.67 0.56 0.00	47.22 0.74 0.00	69.26 1.29 0.00	87.87 1.64 0.00	79.07 1.40 0.00	68.69 1.21 0.00	64.93 1.27 0.00	63.35 1.18 0.00	61.83 1.39 0.00	63.09 1.24 0.00	63.27 1.18 0.00	65.72 1.04 0.00	74.05 0.95 0.00	86.21 1.11 0.00	81.29 1.04 0.00	73.97 1.02 0.00	65.10 1.09 0.00	58.81 1.32 0.00	51.93 1.02 0.00	46.62 0.91 0.00
ALLEGHENY___COGEN 23514	46.13 -1.53 0.00	42.42 -1.54 0.00	41.20 -1.58 0.00	40.75 -1.74 0.00	41.52 -1.59 0.00	44.90 -1.58 0.00	64.29 -3.67 0.00	82.35 -3.88 0.00	72.86 -4.82 0.00	63.16 -4.32 0.00	59.14 -4.52 0.00	56.76 -5.41 0.00	55.18 -5.26 0.00	55.97 -5.88 0.00	56.57 -5.53 0.00	59.90 -4.79 0.00	67.83 -5.26 0.00	80.42 -4.68 0.00	76.55 -3.69 0.00	69.66 -3.28 0.00	60.56 -3.46 0.00	55.77 -1.72 0.00	49.08 -1.83 0.00	44.29 -1.42 0.00
ALTAMONT_115KV_TB 2 55880	48.85 1.19 0.00	45.06 1.10 0.00	43.94 1.16 0.00	43.64 1.15 0.00	44.19 1.08 0.00	47.64 1.16 0.00	69.12 1.16 0.00	87.61 1.38 0.00	78.91 1.24 0.00	68.56 1.08 0.00	64.42 0.76 0.00	63.04 0.87 0.00	61.16 0.73 0.00	62.78 0.93 0.00	63.09 0.99 0.00	65.72 1.04 0.00	74.34 1.24 0.00	86.29 1.19 0.00	81.37 1.12 0.00	73.97 1.02 0.00	65.04 1.02 0.00	58.47 0.98 0.00	51.98 1.07 0.00	46.62 0.91 0.00
ALTONA_WT_PWR 323606	46.85 -0.81 0.00	43.21 -0.75 0.00	42.14 -0.64 0.00	42.11 -0.38 0.00	42.90 -0.21 0.00	46.43 -0.05 0.00	67.90 -0.07 0.00	86.14 -0.09 0.00	77.67 0.00 0.00	67.48 0.00 0.00	63.98 0.32 0.00	62.48 0.31 0.00	60.92 0.48 0.00	62.22 0.37 0.00	62.22 0.12 0.00	64.62 -0.06 0.00	72.95 -0.15 0.00	84.93 -0.17 0.00	80.00 -0.24 0.00	72.80 -0.15 0.00	64.27 0.26 0.00	58.36 0.86 0.00	51.47 0.56 0.00	46.17 0.46 0.00
AMERICAN_REF_FUEL 24010	43.13 -4.53 0.00	39.60 -4.35 0.00	38.46 -4.32 0.00	38.07 -4.42 0.00	38.45 -4.66 0.00	41.27 -5.20 0.00	60.49 -7.48 0.00	76.92 -9.31 0.00	68.27 -9.40 0.00	60.39 -7.08 0.00	57.49 -6.17 0.00	55.33 -6.84 0.00	53.85 -6.59 0.00	53.99 -7.86 0.00	54.21 -7.89 0.00	57.12 -7.57 0.00	64.10 -8.99 0.00	75.40 -9.70 0.00	71.73 -8.51 0.00	64.78 -8.17 0.00	56.59 -7.42 0.00	50.53 -6.96 0.00	44.90 -6.01 0.00	40.77 -4.94 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.08 -4.58 0.00	39.52 -4.44 0.00	38.29 -4.49 0.00	37.86 -4.63 0.00	38.45 -4.66 0.00	41.41 -5.06 0.00	61.23 -6.73 0.00	78.12 -8.11 0.00	69.05 -8.62 0.00	60.87 -6.61 0.00	57.99 -5.67 0.00	55.76 -6.40 0.00	54.40 -6.04 0.00	54.61 -7.24 0.00	54.77 -7.33 0.00	57.77 -6.92 0.00	64.76 -8.33 0.00	77.44 -7.66 0.00	73.98 -6.26 0.00	65.80 -7.15 0.00	57.29 -6.72 0.00	50.82 -6.67 0.00	45.16 -5.75 0.00	40.91 -4.80 0.00
ARTHUR KILL_GT_1 23520	51.67 4.00 -0.01	47.57 3.60 -0.01	46.39 3.59 -0.01	45.99 3.48 -0.01	46.52 3.41 -0.01	50.15 3.67 0.00	71.97 4.01 0.00	90.63 4.40 0.00	81.71 4.04 0.00	70.72 3.24 0.00	66.97 3.31 0.00	65.58 3.42 0.00	63.82 3.38 0.00	65.44 3.59 0.00	65.70 3.60 0.00	68.44 3.75 0.00	77.19 4.09 0.00	89.69 4.60 0.00	84.58 4.33 0.00	76.89 3.94 0.00	67.41 3.39 0.00	61.17 3.68 0.00	54.94 4.02 -0.01	49.19 3.47 -0.01
ARTHUR_KILL_2 23512	51.57 3.91 -0.01	47.35 3.38 -0.01	46.22 3.42 -0.01	45.90 3.40 -0.01	46.44 3.32 -0.01	50.01 3.53 0.00	71.77 3.80 0.00	90.37 4.14 0.00	81.55 3.88 0.00	70.58 3.11 0.00	66.78 3.12 0.00	65.46 3.29 0.00	63.64 3.20 0.00	65.25 3.40 0.00	65.63 3.54 0.00	68.11 3.43 0.00	76.97 3.87 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.66 3.72 0.00	67.15 3.14 0.00	61.00 3.51 0.00	54.79 3.87 -0.01	49.15 3.43 -0.01
ARTHUR_KILL_3 23513	50.61 2.96 0.00	46.51 2.55 0.00	45.39 2.61 0.00	45.04 2.55 0.00	45.57 2.46 0.00	49.12 2.65 0.00	72.04 4.08 0.00	90.88 4.65 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.29 3.63 0.00	65.83 3.67 0.00	64.07 3.63 0.00	65.69 3.84 0.00	65.95 3.85 0.00	68.50 3.82 0.00	77.41 4.31 0.00	89.95 4.85 0.00	84.73 4.49 0.00	77.03 4.08 0.00	67.40 3.39 0.00	60.77 3.28 0.00	53.86 2.95 0.00	48.22 2.51 0.00

ARTHUR_KILL_COGEN 323718	51.67 4.00 -0.01	47.48 3.52 -0.01	46.34 3.55 -0.01	45.99 3.49 -0.01	46.52 3.40 -0.01	50.15 3.67 0.00	71.97 4.01 0.00	90.63 4.40 0.00	81.71 4.04 0.00	70.72 3.24 0.00	66.97 3.31 0.00	65.58 3.42 0.00	63.82 3.38 0.00	65.44 3.59 0.00	65.76 3.66 0.00	68.31 3.62 0.00	77.19 4.09 0.00	89.69 4.59 0.00	84.57 4.33 0.00	76.88 3.94 0.00	67.34 3.33 0.00	61.18 3.68 0.00	54.94 4.02 -0.01	49.24 3.52 -0.01
ASHOKAN____ 23654	49.80 2.15 0.00	45.80 1.85 0.00	44.71 1.93 0.00	44.41 1.91 0.00	45.05 1.94 0.00	48.38 1.91 0.00	70.75 2.79 0.00	89.59 3.36 0.00	79.93 2.25 0.00	68.83 1.35 0.00	64.43 0.77 0.00	62.91 0.75 0.00	61.11 0.67 0.00	62.78 0.93 0.00	63.03 0.93 0.00	66.11 1.42 0.00	75.29 2.19 0.00	87.99 2.89 0.00	83.13 2.88 0.00	75.28 2.33 0.00	65.93 1.92 0.00	59.56 2.07 0.00	52.69 1.78 0.00	47.45 1.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.80 3.14 0.00	46.64 2.68 0.00	45.61 2.82 0.00	45.22 2.72 0.00	45.74 2.63 0.00	49.16 2.69 0.01	71.56 3.60 0.01	90.28 4.05 0.01	81.70 4.04 0.01	70.78 3.31 0.01	67.02 3.37 0.01	65.70 3.54 0.01	63.87 3.44 0.01	65.49 3.65 0.01	65.81 3.73 0.01	68.23 3.56 0.01	77.03 3.94 0.01	89.43 4.34 0.01	84.24 4.01 0.01	76.58 3.65 0.01	67.14 3.14 0.01	60.70 3.22 0.01	53.91 3.00 0.01	48.41 2.70 0.00
ASTORIA_EAST_ENERGY_CC2 323582	50.80 3.14 0.00	46.64 2.68 0.00	45.56 2.78 0.00	45.22 2.72 0.00	45.70 2.59 0.00	49.12 2.65 0.01	71.49 3.53 0.01	90.19 3.97 0.01	81.70 4.04 0.01	70.78 3.31 0.01	66.96 3.31 0.01	65.64 3.48 0.01	63.81 3.38 0.01	65.43 3.59 0.01	65.75 3.66 0.01	68.23 3.56 0.01	77.03 3.94 0.01	89.43 4.34 0.01	84.17 3.93 0.01	76.51 3.57 0.01	67.08 3.07 0.01	60.64 3.16 0.01	53.91 3.00 0.01	48.36 2.65 0.00
ASTORIA_GT2_1 24094	50.80 3.15 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.17 2.70 0.00	71.50 3.53 0.00	90.28 4.05 0.00	81.71 4.04 0.00	70.78 3.31 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.88 3.45 0.00	65.50 3.65 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.04 3.95 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.71 3.22 0.00	53.91 3.00 0.00	48.32 2.61 0.00
ASTORIA_GT2_2 24095	50.80 3.15 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.17 2.70 0.00	71.50 3.53 0.00	90.28 4.05 0.00	81.71 4.04 0.00	70.78 3.31 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.88 3.45 0.00	65.50 3.65 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.04 3.95 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.71 3.22 0.00	53.91 3.00 0.00	48.32 2.61 0.00
ASTORIA_GT2_3 24096	50.80 3.15 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.17 2.70 0.00	71.50 3.53 0.00	90.28 4.05 0.00	81.71 4.04 0.00	70.78 3.31 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.88 3.45 0.00	65.50 3.65 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.04 3.95 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.71 3.22 0.00	53.91 3.00 0.00	48.32 2.61 0.00
ASTORIA_GT2_4 24097	50.80 3.15 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.17 2.70 0.00	71.50 3.53 0.00	90.28 4.05 0.00	81.71 4.04 0.00	70.78 3.31 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.88 3.45 0.00	65.50 3.65 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.04 3.95 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.71 3.22 0.00	53.91 3.00 0.00	48.32 2.61 0.00
ASTORIA_GT3_1 24098	50.80 3.15 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.17 2.70 0.00	71.50 3.53 0.00	90.28 4.05 0.00	81.71 4.04 0.00	70.78 3.31 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.88 3.45 0.00	65.50 3.65 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.04 3.95 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.71 3.22 0.00	53.91 3.00 0.00	48.32 2.61 0.00
ASTORIA_GT3_2 24099	50.80 3.15 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.17 2.70 0.00	71.50 3.53 0.00	90.28 4.05 0.00	81.71 4.04 0.00	70.78 3.31 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.88 3.45 0.00	65.50 3.65 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.04 3.95 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.71 3.22 0.00	53.91 3.00 0.00	48.32 2.61 0.00
ASTORIA_GT3_3 24100	50.80 3.15 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.17 2.70 0.00	71.50 3.53 0.00	90.28 4.05 0.00	81.71 4.04 0.00	70.78 3.31 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.88 3.45 0.00	65.50 3.65 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.04 3.95 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.71 3.22 0.00	53.91 3.00 0.00	48.32 2.61 0.00
ASTORIA_GT3_4 24101	50.80 3.15 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.17 2.70 0.00	71.50 3.53 0.00	90.28 4.05 0.00	81.71 4.04 0.00	70.78 3.31 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.88 3.45 0.00	65.50 3.65 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.04 3.95 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.71 3.22 0.00	53.91 3.00 0.00	48.32 2.61 0.00
ASTORIA_GT4_1 24102	50.80 3.15 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.17 2.70 0.00	71.50 3.53 0.00	90.28 4.05 0.00	81.71 4.04 0.00	70.78 3.31 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.88 3.45 0.00	65.50 3.65 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.04 3.95 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.71 3.22 0.00	53.91 3.00 0.00	48.32 2.61 0.00
ASTORIA_GT4_2 24103	50.80 3.15 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.17 2.70 0.00	71.50 3.53 0.00	90.28 4.05 0.00	81.71 4.04 0.00	70.78 3.31 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.88 3.45 0.00	65.50 3.65 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.04 3.95 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.71 3.22 0.00	53.91 3.00 0.00	48.32 2.61 0.00
ASTORIA_GT4_3 24104	50.80 3.15 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.17 2.70 0.00	71.50 3.53 0.00	90.28 4.05 0.00	81.71 4.04 0.00	70.78 3.31 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.88 3.45 0.00	65.50 3.65 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.04 3.95 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.71 3.22 0.00	53.91 3.00 0.00	48.32 2.61 0.00

ASTORIA_GT4_4 24105	50.80 3.15 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.17 2.70 0.00	71.50 3.53 0.00	90.28 4.05 0.00	81.71 4.04 0.00	70.78 3.31 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.88 3.45 0.00	65.50 3.65 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.04 3.95 0.00	89.44 4.34 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.71 3.22 0.00	53.91 3.00 0.00	48.32 2.61 0.00
ASTORIA_GT_1 23523	50.90 3.24 0.00	46.81 2.86 0.00	45.69 2.91 0.00	45.30 2.80 0.00	45.78 2.67 0.00	49.22 2.74 0.00	71.63 3.67 0.00	90.46 4.23 0.00	81.87 4.19 0.00	70.92 3.44 0.00	67.16 3.50 0.00	65.83 3.67 0.00	64.01 3.57 0.00	65.62 3.77 0.00	65.82 3.73 0.00	68.50 3.82 0.00	77.19 4.09 0.00	89.61 4.51 0.00	84.42 4.17 0.00	76.74 3.79 0.00	67.28 3.26 0.00	60.83 3.33 0.00	54.02 3.11 0.00	48.41 2.70 0.00
ASTORIA_GT_10 24110	51.09 3.43 0.00	46.99 3.03 0.00	45.82 3.04 0.00	45.43 2.93 0.00	45.96 2.85 0.00	49.54 3.07 0.00	72.04 4.08 0.00	90.89 4.66 0.00	82.25 4.58 0.00	71.26 3.78 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.31 3.87 0.00	65.87 4.02 0.00	66.13 4.04 0.00	68.76 4.08 0.00	77.56 4.46 0.00	89.95 4.85 0.00	84.74 4.49 0.00	77.03 4.08 0.00	67.60 3.58 0.00	61.11 3.62 0.00	54.32 3.41 0.00	48.64 2.93 0.00
ASTORIA_GT_11 24225	51.09 3.43 0.00	46.99 3.03 0.00	45.82 3.04 0.00	45.43 2.93 0.00	45.96 2.85 0.00	49.54 3.07 0.00	72.04 4.08 0.00	90.89 4.66 0.00	82.25 4.58 0.00	71.26 3.78 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.31 3.87 0.00	65.87 4.02 0.00	66.13 4.04 0.00	68.76 4.08 0.00	77.56 4.46 0.00	89.95 4.85 0.00	84.74 4.49 0.00	77.03 4.08 0.00	67.60 3.58 0.00	61.11 3.62 0.00	54.32 3.41 0.00	48.64 2.93 0.00
ASTORIA_GT_12 24226	51.09 3.43 0.00	46.99 3.03 0.00	45.82 3.04 0.00	45.43 2.93 0.00	45.96 2.85 0.00	49.54 3.07 0.00	72.04 4.08 0.00	90.89 4.66 0.00	82.25 4.58 0.00	71.26 3.78 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.31 3.87 0.00	65.87 4.02 0.00	66.13 4.04 0.00	68.76 4.08 0.00	77.56 4.46 0.00	89.95 4.85 0.00	84.74 4.49 0.00	77.03 4.08 0.00	67.60 3.58 0.00	61.11 3.62 0.00	54.32 3.41 0.00	48.64 2.93 0.00
ASTORIA_GT_13 24227	51.09 3.43 0.00	46.99 3.03 0.00	45.82 3.04 0.00	45.43 2.93 0.00	45.96 2.85 0.00	49.54 3.07 0.00	72.04 4.08 0.00	90.89 4.66 0.00	82.25 4.58 0.00	71.26 3.78 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.31 3.87 0.00	65.87 4.02 0.00	66.13 4.04 0.00	68.76 4.08 0.00	77.56 4.46 0.00	89.95 4.85 0.00	84.74 4.49 0.00	77.03 4.08 0.00	67.60 3.58 0.00	61.11 3.62 0.00	54.32 3.41 0.00	48.64 2.93 0.00
ASTORIA_GT_5 24106	50.90 3.24 0.00	46.81 2.86 0.00	45.69 2.91 0.00	45.30 2.80 0.00	45.78 2.67 0.00	49.22 2.74 0.00	71.63 3.67 0.00	90.46 4.23 0.00	81.87 4.19 0.00	70.92 3.44 0.00	67.16 3.50 0.00	65.83 3.67 0.00	64.01 3.57 0.00	65.62 3.77 0.00	65.82 3.73 0.00	68.50 3.82 0.00	77.19 4.09 0.00	89.61 4.51 0.00	84.42 4.17 0.00	76.74 3.79 0.00	67.28 3.26 0.00	60.83 3.33 0.00	54.02 3.11 0.00	48.41 2.70 0.00
ASTORIA_GT_7 24107	50.90 3.24 0.00	46.81 2.86 0.00	45.69 2.91 0.00	45.30 2.80 0.00	45.78 2.67 0.00	49.22 2.74 0.00	71.63 3.67 0.00	90.46 4.23 0.00	81.87 4.19 0.00	70.92 3.44 0.00	67.16 3.50 0.00	65.83 3.67 0.00	64.01 3.57 0.00	65.62 3.77 0.00	65.82 3.73 0.00	68.50 3.82 0.00	77.19 4.09 0.00	89.61 4.51 0.00	84.42 4.17 0.00	76.74 3.79 0.00	67.28 3.26 0.00	60.83 3.33 0.00	54.02 3.11 0.00	48.41 2.70 0.00
ASTORIA_GT_8 24108	50.90 3.24 0.00	46.81 2.86 0.00	45.69 2.91 0.00	45.30 2.80 0.00	45.78 2.67 0.00	49.22 2.74 0.00	71.63 3.67 0.00	90.46 4.23 0.00	81.87 4.19 0.00	70.92 3.44 0.00	67.16 3.50 0.00	65.83 3.67 0.00	64.01 3.57 0.00	65.62 3.77 0.00	65.82 3.73 0.00	68.50 3.82 0.00	77.19 4.09 0.00	89.61 4.51 0.00	84.42 4.17 0.00	76.74 3.79 0.00	67.28 3.26 0.00	60.83 3.33 0.00	54.02 3.11 0.00	48.41 2.70 0.00
ASTORIA___2 24149	50.80 3.14 0.00	46.64 2.68 0.00	45.61 2.82 0.00	45.22 2.72 0.00	45.74 2.63 0.00	49.16 2.69 0.01	71.56 3.60 0.01	90.28 4.05 0.01	81.70 4.04 0.01	70.78 3.31 0.01	67.02 3.37 0.01	65.70 3.54 0.01	63.87 3.44 0.01	65.49 3.65 0.01	65.81 3.73 0.01	68.23 3.56 0.01	77.03 3.94 0.01	89.43 4.34 0.01	84.24 4.01 0.01	76.58 3.65 0.01	67.14 3.14 0.01	60.70 3.22 0.01	53.91 3.00 0.01	48.41 2.70 0.00
ASTORIA___3 23516	51.09 3.43 0.00	46.90 2.95 0.00	45.78 2.99 0.00	45.42 2.93 0.00	45.95 2.84 0.00	49.54 3.07 0.00	72.11 4.15 0.00	90.88 4.65 0.00	82.25 4.58 0.00	71.25 3.78 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.48 4.39 0.00	89.95 4.85 0.00	84.73 4.49 0.00	77.03 4.08 0.00	67.53 3.52 0.00	61.12 3.62 0.00	54.32 3.41 0.00	48.68 2.97 0.00
ASTORIA___4 23517	51.09 3.43 0.00	46.99 3.03 0.00	45.82 3.04 0.00	45.43 2.93 0.00	45.96 2.85 0.00	49.54 3.07 0.00	72.04 4.08 0.00	90.89 4.66 0.00	82.25 4.58 0.00	71.26 3.78 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.31 3.87 0.00	65.87 4.02 0.00	66.13 4.04 0.00	68.76 4.08 0.00	77.56 4.46 0.00	89.95 4.85 0.00	84.74 4.49 0.00	77.03 4.08 0.00	67.60 3.58 0.00	61.11 3.62 0.00	54.32 3.41 0.00	48.64 2.93 0.00
ASTORIA___5 23518	51.09 3.43 0.00	46.90 2.95 0.00	45.78 2.99 0.00	45.42 2.93 0.00	45.95 2.84 0.00	49.54 3.07 0.00	72.11 4.15 0.00	90.88 4.65 0.00	82.25 4.58 0.00	71.25 3.78 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.48 4.39 0.00	89.95 4.85 0.00	84.73 4.49 0.00	77.03 4.08 0.00	67.53 3.52 0.00	61.12 3.62 0.00	54.32 3.41 0.00	48.68 2.97 0.00
AST_ENERGY_2_CC3 323677	50.28 2.62 0.00	46.15 2.20 0.00	45.13 2.35 0.00	44.74 2.25 0.00	45.26 2.15 0.00	48.65 2.18 0.01	70.81 2.85 0.01	89.32 3.10 0.01	80.85 3.19 0.01	70.10 2.63 0.01	66.33 2.67 0.01	65.02 2.86 0.01	63.21 2.78 0.01	64.81 2.97 0.01	65.13 3.04 0.01	67.59 2.91 0.01	76.30 3.21 0.01	88.50 3.41 0.01	83.36 3.13 0.01	75.78 2.84 0.01	66.44 2.43 0.01	60.07 2.59 0.01	53.35 2.44 0.01	47.90 2.19 0.00
AST_ENERGY_2_CC4 323678	50.28 2.62 0.00	46.15 2.20 0.00	45.13 2.35 0.00	44.74 2.25 0.00	45.26 2.15 0.00	48.65 2.18 0.01	70.81 2.85 0.01	89.32 3.10 0.01	80.85 3.19 0.01	70.10 2.63 0.01	66.33 2.67 0.01	65.02 2.86 0.01	63.21 2.78 0.01	64.81 2.97 0.01	65.13 3.04 0.01	67.59 2.91 0.01	76.30 3.21 0.01	88.50 3.41 0.01	83.36 3.13 0.01	75.78 2.84 0.01	66.44 2.43 0.01	60.07 2.59 0.01	53.35 2.44 0.01	47.90 2.19 0.00

ATHENS_STG_1 23668	49.23 1.57 0.00	45.41 1.45 0.00	44.24 1.46 0.00	43.94 1.45 0.00	44.49 1.38 0.00	47.92 1.44 0.00	69.94 1.97 0.00	88.56 2.33 0.00	79.84 2.17 0.00	69.23 1.75 0.00	65.25 1.59 0.00	63.78 1.61 0.00	61.95 1.51 0.00	63.58 1.73 0.00	63.90 1.80 0.00	66.43 1.75 0.00	75.14 2.04 0.00	87.31 2.21 0.00	82.25 2.01 0.00	74.84 1.89 0.00	65.68 1.66 0.00	59.05 1.55 0.00	52.39 1.48 0.00	46.99 1.28 0.00
ATHENS_STG_2 23670	49.23 1.57 0.00	45.41 1.45 0.00	44.24 1.46 0.00	43.94 1.45 0.00	44.49 1.38 0.00	47.92 1.44 0.00	69.94 1.97 0.00	88.56 2.33 0.00	79.84 2.17 0.00	69.23 1.75 0.00	65.25 1.59 0.00	63.78 1.61 0.00	61.95 1.51 0.00	63.58 1.73 0.00	63.90 1.80 0.00	66.43 1.75 0.00	75.14 2.04 0.00	87.31 2.21 0.00	82.25 2.01 0.00	74.84 1.89 0.00	65.68 1.66 0.00	59.05 1.55 0.00	52.39 1.48 0.00	46.99 1.28 0.00
ATHENS_STG_3 23677	49.23 1.57 0.00	45.41 1.45 0.00	44.24 1.46 0.00	43.94 1.45 0.00	44.49 1.38 0.00	47.92 1.44 0.00	69.94 1.97 0.00	88.56 2.33 0.00	79.84 2.17 0.00	69.23 1.75 0.00	65.25 1.59 0.00	63.78 1.61 0.00	61.95 1.51 0.00	63.58 1.73 0.00	63.90 1.80 0.00	66.43 1.75 0.00	75.14 2.04 0.00	87.31 2.21 0.00	82.25 2.01 0.00	74.84 1.89 0.00	65.68 1.66 0.00	59.05 1.55 0.00	52.39 1.48 0.00	46.99 1.28 0.00
AUBURN___LFGE 323710	47.04 -0.62 0.00	43.43 -0.53 0.00	42.14 -0.64 0.00	41.81 -0.68 0.00	42.46 -0.65 0.00	45.73 -0.74 0.00	67.28 -0.68 0.00	85.63 -0.60 0.00	76.82 -0.85 0.00	66.74 -0.74 0.00	62.90 -0.76 0.00	61.29 -0.87 0.00	59.53 -0.91 0.00	60.80 -1.05 0.00	61.04 -1.06 0.00	63.78 -0.91 0.00	72.07 -1.02 0.00	84.25 -0.85 0.00	79.68 -0.56 0.00	72.36 -0.58 0.00	63.31 -0.70 0.00	56.52 -0.98 0.00	50.04 -0.87 0.00	44.98 -0.73 0.00
BABYLON_RES_REC 323704	51.80 4.14 0.00	47.39 3.43 0.00	46.12 3.34 0.00	45.77 3.27 0.00	46.38 3.27 0.00	50.47 4.00 0.00	74.29 6.32 0.00	92.44 6.21 0.00	84.27 6.60 0.00	72.74 5.27 0.00	68.76 5.09 0.00	67.51 5.35 0.00	65.83 5.38 -0.01	67.43 5.57 -0.01	67.81 5.71 -0.01	70.39 5.69 -0.01	79.32 6.14 -0.08	92.17 7.06 -0.01	86.99 6.74 -0.01	79.05 6.05 -0.05	69.53 5.51 -0.01	62.73 5.23 -0.01	55.19 4.28 0.00	49.28 3.57 0.00
BALL_HILL_WT_PWR 323825	43.89 -3.77 0.00	40.31 -3.65 0.00	39.06 -3.72 0.00	38.63 -3.87 0.00	39.19 -3.92 0.00	42.16 -4.32 0.00	62.19 -5.78 0.00	79.16 -7.07 0.00	69.98 -7.69 0.00	61.67 -5.80 0.00	58.76 -4.90 0.00	56.45 -5.72 0.00	55.00 -5.44 0.00	55.23 -6.62 0.00	55.39 -6.71 0.00	58.41 -6.27 0.00	65.57 -7.53 0.00	77.61 -7.49 0.00	74.07 -6.18 0.00	66.60 -6.35 0.00	58.06 -5.95 0.00	51.57 -5.92 0.00	45.82 -5.09 0.00	41.55 -4.16 0.00
BARON_WINDS___WT_PWR 323822	44.13 -3.53 0.00	40.48 -3.47 0.00	39.23 -3.55 0.00	38.75 -3.74 0.00	39.36 -3.75 0.00	42.39 -4.09 0.00	62.66 -5.30 0.00	80.11 -6.12 0.00	72.01 -5.67 0.00	62.75 -4.73 0.00	59.46 -4.20 0.00	57.25 -4.91 0.00	55.73 -4.71 0.00	56.28 -5.57 0.00	56.75 -5.34 0.00	59.83 -4.85 0.00	67.32 -5.78 0.00	79.40 -5.70 0.00	75.59 -4.66 0.00	68.28 -4.67 0.00	59.47 -4.54 0.00	52.95 -4.54 0.00	46.94 -3.97 0.00	42.19 -3.52 0.00
BARRETT_IC_1 23704	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00
BARRETT_IC_10 23701	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00
BARRETT_IC_11 23702	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00
BARRETT_IC_12 23703	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00
BARRETT_IC_2 23705	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00
BARRETT_IC_3 23706	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00
BARRETT_IC_4 23707	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00
BARRETT_IC_5 23708	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00

BARRETT_IC_6 23709	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00
BARRETT_IC_7 23710	51.37 3.72 0.00	47.12 3.16 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.64 4.53 -0.01	69.35 4.66 -0.01	78.15 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.50 4.48 -0.01	61.76 4.25 -0.01	54.52 3.61 0.00	48.82 3.11 0.00
BARRETT_IC_8 23711	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00
BARRETT_IC_9 23700	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00
BARRETT___1 23545	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00
BARRETT___2 23546	51.38 3.72 0.00	47.03 3.08 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.04 2.93 0.00	50.01 3.53 0.00	73.20 5.23 0.00	91.32 5.09 0.00	83.11 5.44 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.86 4.41 -0.01	66.44 4.58 -0.01	66.70 4.59 -0.01	69.29 4.59 -0.01	78.14 5.04 -0.01	90.81 5.70 -0.01	85.71 5.46 -0.01	77.92 4.96 -0.01	68.44 4.41 -0.01	61.70 4.19 -0.01	54.53 3.62 0.00	48.86 3.15 0.00
BATAVIA__115KV_TB1 55881	44.75 -2.91 0.00	41.58 -2.37 0.00	39.87 -2.91 0.00	39.60 -2.89 0.00	40.18 -2.93 0.00	43.18 -3.30 0.00	63.75 -4.21 0.00	81.49 -4.74 0.00	72.16 -5.51 0.00	63.63 -3.85 0.00	60.35 -3.31 0.00	58.12 -4.04 0.00	56.39 -4.05 0.00	56.84 -5.01 0.00	57.07 -5.03 0.00	59.84 -4.85 0.00	67.61 -5.48 0.00	79.65 -5.45 0.00	75.59 -4.65 0.00	68.50 -4.45 0.00	59.66 -4.35 0.00	52.72 -4.77 0.00	46.89 -4.02 0.00	42.60 -3.11 0.00
BAYONEEC___CTG1 323682	50.80 3.14 0.00	46.68 2.73 0.00	45.52 2.74 0.00	45.22 2.72 0.00	45.70 2.59 0.00	49.31 2.84 0.00	72.25 4.28 0.00	91.14 4.91 0.00	82.41 4.74 0.00	71.32 3.84 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	60.94 3.45 0.00	54.02 3.11 0.00	48.41 2.70 0.00
BAYONEEC___CTG10 323750	50.80 3.14 0.00	46.68 2.73 0.00	45.52 2.74 0.00	45.22 2.72 0.00	45.70 2.59 0.00	49.31 2.84 0.00	72.25 4.28 0.00	91.14 4.91 0.00	82.41 4.74 0.00	71.32 3.84 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	60.94 3.45 0.00	54.02 3.11 0.00	48.41 2.70 0.00
BAYONEEC___CTG2 323683	50.80 3.14 0.00	46.68 2.73 0.00	45.52 2.74 0.00	45.22 2.72 0.00	45.70 2.59 0.00	49.31 2.84 0.00	72.25 4.28 0.00	91.14 4.91 0.00	82.41 4.74 0.00	71.32 3.84 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	60.94 3.45 0.00	54.02 3.11 0.00	48.41 2.70 0.00
BAYONEEC___CTG3 323684	50.80 3.14 0.00	46.68 2.73 0.00	45.52 2.74 0.00	45.22 2.72 0.00	45.70 2.59 0.00	49.31 2.84 0.00	72.25 4.28 0.00	91.14 4.91 0.00	82.41 4.74 0.00	71.32 3.84 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	60.94 3.45 0.00	54.02 3.11 0.00	48.41 2.70 0.00
BAYONEEC___CTG4 323685	50.80 3.14 0.00	46.68 2.73 0.00	45.52 2.74 0.00	45.22 2.72 0.00	45.70 2.59 0.00	49.31 2.84 0.00	72.25 4.28 0.00	91.14 4.91 0.00	82.41 4.74 0.00	71.32 3.84 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	60.94 3.45 0.00	54.02 3.11 0.00	48.41 2.70 0.00
BAYONEEC___CTG5 323686	50.80 3.14 0.00	46.68 2.73 0.00	45.52 2.74 0.00	45.22 2.72 0.00	45.70 2.59 0.00	49.31 2.84 0.00	72.25 4.28 0.00	91.14 4.91 0.00	82.41 4.74 0.00	71.32 3.84 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	60.94 3.45 0.00	54.02 3.11 0.00	48.41 2.70 0.00
BAYONEEC___CTG6 323687	50.80 3.14 0.00	46.68 2.73 0.00	45.52 2.74 0.00	45.22 2.72 0.00	45.70 2.59 0.00	49.31 2.84 0.00	72.25 4.28 0.00	91.14 4.91 0.00	82.41 4.74 0.00	71.32 3.84 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	60.94 3.45 0.00	54.02 3.11 0.00	48.41 2.70 0.00
BAYONEEC___CTG7 323688	50.80 3.14 0.00	46.68 2.73 0.00	45.52 2.74 0.00	45.22 2.72 0.00	45.70 2.59 0.00	49.31 2.84 0.00	72.25 4.28 0.00	91.14 4.91 0.00	82.41 4.74 0.00	71.32 3.84 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	60.94 3.45 0.00	54.02 3.11 0.00	48.41 2.70 0.00

BAYONEEC___CTG8 323689	50.80 3.14 0.00	46.68 2.73 0.00	45.52 2.74 0.00	45.22 2.72 0.00	45.70 2.59 0.00	49.31 2.84 0.00	72.25 4.28 0.00	91.14 4.91 0.00	82.41 4.74 0.00	71.32 3.84 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	60.94 3.45 0.00	54.02 3.11 0.00	48.41 2.70 0.00
BAYONEEC___CTG9 323749	50.80 3.14 0.00	46.68 2.73 0.00	45.52 2.74 0.00	45.22 2.72 0.00	45.70 2.59 0.00	49.31 2.84 0.00	72.25 4.28 0.00	91.14 4.91 0.00	82.41 4.74 0.00	71.32 3.84 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	60.94 3.45 0.00	54.02 3.11 0.00	48.41 2.70 0.00
BEACON___LESR 323632	49.47 1.81 0.00	45.67 1.71 0.00	44.50 1.71 0.00	44.24 1.74 0.00	44.75 1.64 0.00	48.29 1.81 0.00	69.73 1.76 0.00	88.30 2.07 0.00	79.61 1.94 0.00	69.23 1.75 0.00	64.93 1.27 0.00	63.47 1.31 0.00	61.53 1.09 0.00	63.27 1.42 0.00	63.65 1.55 0.00	66.24 1.55 0.00	74.92 1.83 0.00	86.97 1.87 0.00	81.93 1.69 0.00	74.40 1.46 0.00	65.55 1.53 0.00	58.87 1.38 0.00	52.64 1.73 0.00	47.17 1.46 0.00
BEAVER RIVER___HYD 24048	48.04 0.38 0.00	44.22 0.27 0.00	42.53 -0.26 0.00	42.20 -0.30 0.00	42.90 -0.21 0.00	46.34 -0.14 0.00	68.17 0.20 0.00	86.92 0.69 0.00	77.75 0.08 0.00	67.21 -0.27 0.00	63.53 -0.13 0.00	62.10 -0.06 0.00	61.35 0.91 0.00	62.41 0.56 0.00	62.22 0.12 0.00	64.56 -0.13 0.00	73.02 -0.07 0.00	85.44 0.34 0.00	80.00 -0.24 0.00	72.80 -0.15 0.00	64.08 0.06 0.00	57.67 0.17 0.00	50.91 0.00 0.00	45.66 -0.05 0.00
BEEBEE_GT_13 23619	45.37 -2.29 0.00	42.02 -1.93 0.00	40.52 -2.27 0.00	40.24 -2.25 0.00	40.87 -2.24 0.00	44.01 -2.46 0.00	64.77 -3.19 0.00	82.52 -3.71 0.00	73.63 -4.04 0.00	64.78 -2.70 0.00	61.37 -2.29 0.00	59.49 -2.67 0.00	57.72 -2.72 0.00	58.45 -3.40 0.00	58.68 -3.42 0.00	61.39 -3.30 0.00	69.30 -3.80 0.00	81.18 -3.91 0.00	76.71 -3.53 0.00	69.66 -3.28 0.00	60.81 -3.20 0.00	53.99 -3.51 0.00	47.91 -3.00 0.00	43.38 -2.33 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.57 3.91 -0.01	47.44 3.47 -0.01	46.26 3.47 -0.01	45.86 3.36 -0.01	46.39 3.28 -0.01	50.01 3.53 0.00	72.38 4.42 0.00	91.32 5.09 0.00	82.49 4.82 0.00	71.39 3.91 0.00	67.61 3.95 0.00	66.27 4.10 0.00	64.43 3.99 0.00	66.06 4.21 0.00	66.32 4.22 0.00	69.02 4.33 0.00	77.85 4.75 0.00	90.37 5.28 0.00	85.22 4.98 0.00	77.47 4.52 0.00	67.92 3.90 0.00	61.46 3.97 0.00	54.84 3.92 -0.01	49.10 3.38 -0.01
BETHLEHEM___GRP 23843	48.90 1.24 0.00	45.10 1.14 0.00	43.98 1.20 0.00	43.68 1.19 0.00	44.23 1.12 0.00	47.68 1.21 0.00	68.58 0.61 0.00	86.75 0.52 0.00	78.37 0.70 0.00	68.09 0.61 0.00	63.92 0.25 0.00	62.54 0.37 0.00	60.68 0.24 0.00	62.34 0.49 0.00	62.72 0.62 0.00	65.27 0.58 0.00	73.83 0.73 0.00	85.44 0.34 0.00	80.48 0.24 0.00	73.16 0.22 0.00	64.59 0.58 0.00	58.12 0.63 0.00	51.98 1.07 0.00	46.58 0.87 0.00
BETHLEHEM___GS1 323560	48.89 1.24 0.00	45.10 1.14 0.00	43.98 1.20 0.00	43.68 1.19 0.00	44.23 1.12 0.00	47.64 1.16 0.00	68.57 0.61 0.00	86.75 0.52 0.00	78.37 0.70 0.00	68.08 0.61 0.00	63.92 0.26 0.00	62.54 0.38 0.00	60.68 0.24 0.00	62.34 0.49 0.00	62.72 0.62 0.00	65.20 0.52 0.00	73.75 0.66 0.00	85.44 0.34 0.00	80.48 0.24 0.00	73.17 0.22 0.00	64.52 0.51 0.00	58.07 0.57 0.00	51.98 1.07 0.00	46.62 0.91 0.00
BETHLEHEM___GS2 323561	48.89 1.24 0.00	45.10 1.14 0.00	43.98 1.20 0.00	43.68 1.19 0.00	44.23 1.12 0.00	47.64 1.16 0.00	68.57 0.61 0.00	86.75 0.52 0.00	78.37 0.70 0.00	68.08 0.61 0.00	63.92 0.26 0.00	62.54 0.38 0.00	60.68 0.24 0.00	62.34 0.49 0.00	62.72 0.62 0.00	65.20 0.52 0.00	73.75 0.66 0.00	85.44 0.34 0.00	80.48 0.24 0.00	73.17 0.22 0.00	64.52 0.51 0.00	58.07 0.57 0.00	51.98 1.07 0.00	46.62 0.91 0.00
BETHLEHEM___GS3 323562	48.89 1.24 0.00	45.10 1.14 0.00	43.98 1.20 0.00	43.68 1.19 0.00	44.23 1.12 0.00	47.64 1.16 0.00	68.57 0.61 0.00	86.75 0.52 0.00	78.37 0.70 0.00	68.08 0.61 0.00	63.92 0.26 0.00	62.54 0.38 0.00	60.68 0.24 0.00	62.34 0.49 0.00	62.72 0.62 0.00	65.20 0.52 0.00	73.75 0.66 0.00	85.44 0.34 0.00	80.48 0.24 0.00	73.17 0.22 0.00	64.52 0.51 0.00	58.07 0.57 0.00	51.98 1.07 0.00	46.62 0.91 0.00
BETHLEHEM___STEEL 23779	44.08 -3.57 0.00	40.88 -3.08 0.00	39.10 -3.68 0.00	38.80 -3.70 0.00	39.36 -3.75 0.00	42.20 -4.28 0.00	62.26 -5.71 0.00	79.33 -6.90 0.00	70.29 -7.38 0.00	62.01 -5.47 0.00	59.08 -4.58 0.00	56.76 -5.41 0.00	55.24 -5.20 0.00	55.48 -6.37 0.00	55.70 -6.40 0.00	58.48 -6.21 0.00	65.93 -7.16 0.00	77.70 -7.40 0.00	74.06 -6.18 0.00	66.75 -6.20 0.00	58.19 -5.83 0.00	51.40 -6.09 0.00	45.97 -4.94 0.00	41.69 -4.02 0.00
BETHLHEM_115KV_TB1 79974	48.90 1.24 0.00	45.10 1.14 0.00	43.98 1.20 0.00	43.68 1.19 0.00	44.23 1.12 0.00	47.68 1.21 0.00	68.78 0.82 0.00	87.01 0.78 0.00	78.53 0.85 0.00	68.22 0.74 0.00	64.04 0.38 0.00	62.66 0.50 0.00	60.80 0.36 0.00	62.47 0.62 0.00	62.84 0.75 0.00	65.40 0.71 0.00	73.97 0.88 0.00	85.69 0.60 0.00	80.72 0.48 0.00	73.38 0.44 0.00	64.72 0.70 0.00	58.24 0.75 0.00	51.98 1.07 0.00	46.62 0.91 0.00
BETHPAGE_CC_5 323564	51.66 4.00 0.00	47.26 3.30 0.00	45.99 3.21 0.00	45.64 3.14 0.00	46.26 3.15 0.00	50.29 3.81 0.00	73.95 5.98 0.00	92.18 5.95 0.00	83.96 6.29 0.00	72.54 5.06 0.00	68.56 4.90 0.00	67.32 5.16 0.00	65.65 5.20 -0.01	67.18 5.32 -0.01	67.57 5.47 -0.01	70.13 5.43 -0.01	79.04 5.92 -0.03	91.83 6.72 -0.01	86.67 6.42 -0.01	78.81 5.84 -0.02	69.28 5.25 -0.01	62.45 4.95 -0.01	54.98 4.07 0.00	49.14 3.43 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	44.13 -3.53 0.00	40.92 -3.03 0.00	39.19 -3.59 0.00	38.84 -3.65 0.00	39.40 -3.71 0.00	42.29 -4.18 0.00	62.39 -5.57 0.00	79.59 -6.64 0.00	70.45 -7.22 0.00	62.08 -5.40 0.00	59.14 -4.52 0.00	56.82 -5.35 0.00	55.30 -5.14 0.00	55.60 -6.25 0.00	55.76 -6.33 0.00	58.61 -6.08 0.00	66.08 -7.02 0.00	77.87 -7.23 0.00	74.22 -6.02 0.00	66.89 -6.05 0.00	58.32 -5.70 0.00	51.46 -6.04 0.00	46.02 -4.89 0.00	41.73 -3.98 0.00
BINGHAMTON___COGEN 23790	47.47 -0.19 0.00	43.83 -0.13 0.00	42.53 -0.26 0.00	42.20 -0.30 0.00	42.81 -0.30 0.00	46.10 -0.37 0.00	67.76 -0.20 0.00	86.06 -0.17 0.00	77.36 -0.31 0.00	67.21 -0.27 0.00	63.53 -0.13 0.00	61.85 -0.31 0.00	60.14 -0.30 0.00	61.35 -0.49 0.00	61.54 -0.56 0.00	64.30 -0.39 0.00	72.66 -0.44 0.00	84.76 -0.34 0.00	80.16 -0.08 0.00	72.80 -0.15 0.00	63.76 -0.26 0.00	56.92 -0.57 0.00	50.45 -0.46 0.00	45.34 -0.37 0.00

BIXINCNT_115KV_LOAD 355685	43.84 -3.81 0.00	40.57 -3.38 0.00	38.85 -3.94 0.00	38.41 -4.08 0.00	38.97 -4.14 0.00	41.87 -4.60 0.00	62.05 -5.91 0.00	79.33 -6.90 0.00	69.90 -7.77 0.00	61.00 -6.48 0.00	58.00 -5.67 0.00	55.64 -6.53 0.00	54.34 -6.10 0.00	54.74 -7.11 0.00	55.14 -6.95 0.00	58.15 -6.53 0.00	65.79 -7.31 0.00	77.53 -7.57 0.00	73.98 -6.26 0.00	66.45 -6.49 0.00	57.61 -6.40 0.00	50.65 -6.84 0.00	45.36 -5.55 0.00	41.09 -4.62 0.00
BLACK RIVER___HYD 24047	47.94 0.29 0.00	44.13 0.18 0.00	42.57 -0.21 0.00	42.24 -0.25 0.00	42.94 -0.17 0.00	46.38 -0.09 0.00	68.37 0.41 0.00	87.53 1.30 0.00	78.06 0.39 0.00	67.28 -0.20 0.00	63.47 -0.19 0.00	61.92 -0.25 0.00	60.87 0.43 0.00	61.73 -0.12 0.00	61.91 -0.19 0.00	64.49 -0.19 0.00	73.02 -0.07 0.00	85.78 0.68 0.00	80.81 0.57 0.00	73.39 0.44 0.00	64.52 0.51 0.00	57.67 0.17 0.00	50.91 0.00 0.00	45.66 -0.05 0.00
BLACKRVR_115KV_TB2 79977	47.94 0.29 0.00	44.18 0.22 0.00	42.57 -0.21 0.00	42.24 -0.25 0.00	42.94 -0.17 0.00	46.38 -0.09 0.00	68.37 0.41 0.00	87.52 1.29 0.00	78.06 0.39 0.00	67.28 -0.20 0.00	63.47 -0.19 0.00	61.92 -0.25 0.00	60.86 0.42 0.00	61.73 -0.12 0.00	61.97 -0.12 0.00	64.43 -0.26 0.00	73.02 -0.07 0.00	85.78 0.68 0.00	80.80 0.56 0.00	73.38 0.44 0.00	64.53 0.51 0.00	57.66 0.17 0.00	50.91 0.00 0.00	45.66 -0.05 0.00
BLDWN_LI_69_KV_BK4 356085	51.66 4.00 0.00	47.39 3.43 0.00	46.08 3.29 0.00	45.68 3.19 0.00	46.30 3.19 0.00	50.29 3.81 0.00	73.88 5.91 0.00	92.18 5.95 0.00	83.89 6.21 0.00	72.47 4.99 0.00	68.50 4.84 0.00	67.20 5.04 0.00	65.47 5.02 -0.01	67.06 5.20 -0.01	67.26 5.15 -0.01	70.07 5.37 -0.01	79.03 5.92 -0.01	91.83 6.72 -0.01	86.75 6.50 -0.01	78.87 5.91 -0.01	69.21 5.19 -0.01	62.39 4.89 -0.01	54.98 4.07 0.00	49.14 3.43 0.00
BLISS_WT_PWR 323608	43.70 -3.95 0.00	40.00 -3.96 0.00	38.76 -4.02 0.00	38.20 -4.29 0.00	38.76 -4.35 0.00	41.73 -4.74 0.00	61.78 -6.18 0.00	78.99 -7.24 0.00	69.59 -8.08 0.00	60.59 -6.88 0.00	57.61 -6.05 0.00	55.20 -6.96 0.00	54.03 -6.41 0.00	54.43 -7.42 0.00	54.89 -7.20 0.00	58.09 -6.60 0.00	65.64 -7.46 0.00	77.27 -7.83 0.00	73.66 -6.58 0.00	66.16 -6.78 0.00	57.23 -6.79 0.00	50.77 -6.73 0.00	45.21 -5.70 0.00	40.91 -4.80 0.00
BLUESTONE___WT_PWR 323821	49.18 1.52 0.00	45.36 1.41 0.00	44.07 1.28 0.00	43.64 1.15 0.00	44.36 1.25 0.00	47.87 1.39 0.00	70.55 2.58 0.00	90.20 3.97 0.00	80.86 3.19 0.00	70.11 2.63 0.00	66.33 2.67 0.00	64.53 2.36 0.00	62.92 2.48 0.00	63.89 2.04 0.00	64.21 2.11 0.00	67.15 2.46 0.00	75.80 2.71 0.00	89.27 4.17 0.00	84.41 4.17 0.00	76.45 3.50 0.00	66.96 2.95 0.00	58.93 1.44 0.00	52.13 1.22 0.00	46.81 1.10 0.00
BLUE_CIRC_CHEM_DRP 24182	49.18 1.52 0.00	45.41 1.45 0.00	44.28 1.50 0.00	44.02 1.53 0.00	44.53 1.42 0.00	48.01 1.53 0.00	69.53 1.56 0.00	88.04 1.81 0.00	79.30 1.63 0.00	68.83 1.35 0.00	64.62 0.95 0.00	63.16 0.99 0.00	61.29 0.85 0.00	62.96 1.11 0.00	63.34 1.24 0.00	65.98 1.29 0.00	74.63 1.54 0.00	86.72 1.62 0.00	81.77 1.52 0.00	74.33 1.39 0.00	65.36 1.34 0.00	58.81 1.32 0.00	52.34 1.43 0.00	46.94 1.23 0.00
BOC_GAS_DRP 24189	48.80 1.14 0.00	45.01 1.05 0.00	43.90 1.11 0.00	43.60 1.10 0.00	44.14 1.03 0.00	47.59 1.12 0.00	69.05 1.09 0.00	87.44 1.21 0.00	78.91 1.24 0.00	68.49 1.01 0.00	64.42 0.76 0.00	62.97 0.81 0.00	61.16 0.73 0.00	62.78 0.93 0.00	63.09 0.99 0.00	65.66 0.97 0.00	74.27 1.17 0.00	86.21 1.11 0.00	81.29 1.04 0.00	73.89 0.95 0.00	64.97 0.96 0.00	58.41 0.92 0.00	51.93 1.02 0.00	46.58 0.87 0.00
BOONVILLE_115KV_TB1 79983	48.56 0.91 0.00	44.75 0.79 0.00	43.25 0.47 0.00	42.92 0.42 0.00	43.58 0.47 0.00	47.08 0.60 0.00	69.12 1.16 0.00	87.87 1.64 0.00	78.76 1.09 0.00	68.29 0.81 0.00	64.55 0.89 0.00	62.97 0.81 0.00	61.89 1.45 0.00	63.02 1.18 0.00	63.21 1.12 0.00	65.72 1.04 0.00	74.41 1.32 0.00	86.80 1.70 0.00	81.53 1.28 0.00	74.04 1.09 0.00	65.04 1.02 0.00	58.24 0.75 0.00	51.52 0.61 0.00	46.21 0.50 0.00
BORALEX_4TH_BRANCH 23824	50.04 2.38 0.00	46.16 2.20 0.00	45.01 2.22 0.00	44.70 2.21 0.00	45.22 2.11 0.00	48.80 2.32 0.00	70.61 2.65 0.00	89.85 3.62 0.00	80.86 3.18 0.00	70.45 2.97 0.00	65.63 1.97 0.00	64.34 2.18 0.00	62.13 1.69 0.00	64.26 2.41 0.00	64.70 2.61 0.00	67.21 2.52 0.00	76.02 2.92 0.00	88.93 3.83 0.00	83.77 3.53 0.00	76.08 3.14 0.00	66.83 2.82 0.00	59.91 2.41 0.00	53.20 2.29 0.00	47.49 1.78 0.00
BOWLINE___1 23526	50.13 2.48 0.00	46.11 2.15 0.00	45.01 2.22 0.00	44.66 2.17 0.00	45.22 2.11 0.00	48.75 2.28 0.00	71.43 3.46 0.00	90.20 3.97 0.00	81.40 3.73 0.00	70.44 2.97 0.00	66.53 2.87 0.00	65.09 2.92 0.00	63.28 2.84 0.00	64.88 3.03 0.00	65.14 3.04 0.00	67.79 3.10 0.00	76.60 3.51 0.00	89.10 4.00 0.00	84.01 3.77 0.00	76.38 3.43 0.00	66.90 2.88 0.00	60.20 2.70 0.00	53.30 2.39 0.00	47.77 2.06 0.00
BOWLINE___2 23595	50.13 2.48 0.00	46.11 2.15 0.00	44.96 2.18 0.00	44.66 2.17 0.00	45.18 2.07 0.00	48.75 2.28 0.00	71.43 3.46 0.00	90.20 3.97 0.00	81.40 3.73 0.00	70.44 2.97 0.00	66.53 2.87 0.00	65.09 2.92 0.00	63.28 2.84 0.00	64.88 3.03 0.00	65.14 3.04 0.00	67.79 3.10 0.00	76.60 3.51 0.00	89.10 4.00 0.00	84.01 3.77 0.00	76.38 3.43 0.00	66.90 2.88 0.00	60.20 2.70 0.00	53.30 2.39 0.00	47.77 2.06 0.00
BRADY___115KV_TB2 356060	48.70 1.05 0.00	44.84 0.88 0.00	43.55 0.77 0.00	43.34 0.85 0.00	44.10 0.99 0.00	47.73 1.25 0.00	70.14 2.17 0.00	89.08 2.85 0.00	79.15 1.48 0.00	68.69 1.21 0.00	64.87 1.21 0.00	63.60 1.43 0.00	62.07 1.63 0.00	63.33 1.48 0.00	63.52 1.43 0.00	65.98 1.29 0.00	74.41 1.32 0.00	86.89 1.79 0.00	82.01 1.77 0.00	74.77 1.82 0.00	65.93 1.92 0.00	59.50 2.01 0.00	52.49 1.58 0.00	47.13 1.42 0.00
BRANSCOMB___SOLAR 323811	49.70 2.05 0.00	45.89 1.93 0.00	44.71 1.93 0.00	44.45 1.96 0.00	44.92 1.81 0.00	48.62 2.14 0.00	70.69 2.72 0.00	89.77 3.54 0.00	80.70 3.03 0.00	70.04 2.56 0.00	65.64 1.98 0.00	64.15 1.99 0.00	62.07 1.63 0.00	63.83 1.98 0.00	64.27 2.17 0.00	66.82 2.13 0.00	75.72 2.63 0.00	88.41 3.32 0.00	83.37 3.13 0.00	75.65 2.70 0.00	66.45 2.43 0.00	59.50 2.01 0.00	52.95 2.04 0.00	47.35 1.64 0.00
BRDGHMPT_69_KV_BK1 55812	52.04 4.38 0.00	47.65 3.69 0.00	46.29 3.51 0.00	45.89 3.40 0.00	46.56 3.45 0.00	50.75 4.28 0.00	74.49 6.52 0.00	92.44 6.21 0.00	83.65 5.98 0.00	72.27 4.79 0.00	68.44 4.77 0.00	67.20 5.04 0.00	66.01 5.56 -0.01	67.67 5.81 -0.01	68.00 5.90 -0.01	70.91 6.21 -0.01	80.81 6.72 -0.99	92.60 7.49 -0.01	87.39 7.14 -0.01	80.26 6.71 -0.60	69.78 5.76 -0.01	62.96 5.46 -0.01	55.08 4.17 0.00	49.41 3.70 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	52.28 4.62 0.00	47.87 3.91 0.00	46.51 3.72 0.00	46.15 3.65 0.00	46.77 3.66 0.00	50.94 4.46 0.00	75.03 7.07 0.00	93.22 6.98 0.00	85.05 7.38 0.00	73.48 6.01 0.00	69.39 5.73 0.00	68.13 5.97 0.00	66.55 6.10 -0.01	68.11 6.25 -0.01	68.38 6.27 -0.01	71.17 6.47 -0.01	80.07 6.72 -0.25	93.02 7.91 -0.01	87.71 7.46 -0.01	79.44 6.35 -0.14	70.23 6.21 -0.01	63.37 5.86 -0.01	55.64 4.73 0.00	49.69 3.98 0.00
BRISTLHL_115KV_TB1 79998	46.13 -1.52 0.00	42.59 -1.36 0.00	41.37 -1.41 0.00	41.09 -1.40 0.00	41.69 -1.42 0.00	44.94 -1.53 0.00	65.79 -2.17 0.00	83.64 -2.59 0.00	75.26 -2.41 0.00	65.45 -2.02 0.00	61.75 -1.91 0.00	60.24 -1.93 0.00	58.57 -1.87 0.00	59.81 -2.04 0.00	59.98 -2.11 0.00	62.62 -2.07 0.00	70.76 -2.34 0.00	82.55 -2.55 0.00	77.92 -2.33 0.00	70.76 -2.19 0.00	61.97 -2.05 0.00	55.42 -2.07 0.00	49.18 -1.73 0.00	44.20 -1.51 0.00
BROOKHAVEN___DRP 24191	51.75 4.10 0.00	47.43 3.47 0.00	46.08 3.29 0.00	45.68 3.19 0.00	46.34 3.23 0.00	50.47 4.00 0.00	74.28 6.32 0.00	92.18 5.95 0.00	83.58 5.90 0.00	72.27 4.79 0.00	68.31 4.65 0.00	67.14 4.97 0.00	65.89 5.44 -0.01	67.49 5.63 -0.01	67.75 5.65 -0.01	70.58 5.89 -0.01	80.30 6.21 -0.99	91.92 6.81 -0.01	86.83 6.58 -0.01	79.75 6.20 -0.60	69.53 5.51 -0.01	62.85 5.35 -0.01	55.08 4.17 0.00	49.23 3.52 0.00
BROOKLYN_NAVY_YARD 23515	50.71 3.05 0.00	46.59 2.64 0.00	45.44 2.65 0.00	45.13 2.64 0.00	45.65 2.54 0.00	49.26 2.79 0.00	72.18 4.22 0.00	91.14 4.91 0.00	82.41 4.74 0.00	71.25 3.78 0.00	67.42 3.76 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	60.94 3.45 0.00	54.02 3.11 0.00	48.36 2.65 0.00
BROOKLYN___ARMY_DRP 323595	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
BROOME_2_LFGE 323671	47.51 -0.14 0.00	43.78 -0.18 0.00	42.57 -0.21 0.00	42.20 -0.30 0.00	42.81 -0.30 0.00	46.15 -0.32 0.00	67.76 -0.20 0.00	86.06 -0.17 0.00	77.36 -0.31 0.00	67.21 -0.27 0.00	63.53 -0.13 0.00	61.86 -0.31 0.00	60.14 -0.30 0.00	61.35 -0.50 0.00	61.60 -0.50 0.00	64.37 -0.32 0.00	72.66 -0.44 0.00	84.76 -0.34 0.00	80.16 -0.08 0.00	72.80 -0.15 0.00	63.70 -0.32 0.00	56.97 -0.52 0.00	50.45 -0.46 0.00	45.34 -0.37 0.00
BROOME___LFGE 323600	47.51 -0.14 0.00	43.78 -0.18 0.00	42.57 -0.21 0.00	42.20 -0.30 0.00	42.81 -0.30 0.00	46.15 -0.32 0.00	67.76 -0.20 0.00	86.06 -0.17 0.00	77.36 -0.31 0.00	67.21 -0.27 0.00	63.53 -0.13 0.00	61.86 -0.31 0.00	60.14 -0.30 0.00	61.35 -0.50 0.00	61.60 -0.50 0.00	64.37 -0.32 0.00	72.66 -0.44 0.00	84.76 -0.34 0.00	80.16 -0.08 0.00	72.80 -0.15 0.00	63.70 -0.32 0.00	56.97 -0.52 0.00	50.45 -0.46 0.00	45.34 -0.37 0.00
BROWNFLS_115KV_TB 3_5 80003	47.89 0.24 0.00	44.09 0.13 0.00	42.57 -0.21 0.00	42.32 -0.17 0.00	43.02 -0.09 0.00	46.43 -0.05 0.00	68.30 0.34 0.00	86.92 0.69 0.00	78.06 0.39 0.00	67.55 0.07 0.00	63.92 0.25 0.00	62.35 0.19 0.00	61.29 0.85 0.00	62.41 0.56 0.00	62.47 0.37 0.00	64.49 -0.19 0.00	72.58 -0.51 0.00	84.67 -0.43 0.00	79.52 -0.72 0.00	72.51 -0.44 0.00	64.08 0.06 0.00	57.95 0.46 0.00	51.16 0.25 0.00	45.89 0.18 0.00
BROWNSV1_27_KV_LOAD 356125	51.13 3.48 0.00	47.03 3.08 0.00	45.86 3.08 0.00	45.47 2.97 0.00	46.00 2.89 0.00	49.64 3.16 0.00	72.79 4.83 0.00	91.84 5.60 0.00	83.03 5.36 0.00	71.86 4.39 0.00	67.99 4.33 0.00	66.52 4.35 0.00	64.73 4.29 0.00	66.30 4.45 0.00	66.57 4.47 0.00	69.28 4.59 0.00	78.29 5.19 0.00	90.97 5.87 0.00	85.70 5.46 0.00	77.91 4.96 0.00	68.18 4.16 0.00	61.46 3.97 0.00	54.42 3.51 0.00	48.73 3.02 0.00
BURROWS___LYONSDAL 23803	48.42 0.76 0.00	44.62 0.66 0.00	43.00 0.21 0.00	42.71 0.21 0.00	43.37 0.26 0.00	46.85 0.37 0.00	68.78 0.82 0.00	87.52 1.29 0.00	78.45 0.78 0.00	67.95 0.47 0.00	64.17 0.51 0.00	62.66 0.50 0.00	61.71 1.27 0.00	62.84 0.99 0.00	62.96 0.87 0.00	65.46 0.78 0.00	74.12 1.02 0.00	86.55 1.45 0.00	81.13 0.88 0.00	73.68 0.73 0.00	64.72 0.70 0.00	58.01 0.52 0.00	51.32 0.41 0.00	46.03 0.32 0.00
CAITHNESS_CC_1 323624	51.66 4.00 0.00	47.21 3.25 0.00	45.95 3.17 0.00	45.59 3.10 0.00	46.22 3.11 0.00	50.33 3.86 0.00	74.15 6.18 0.00	91.92 5.69 0.00	83.50 5.83 0.00	72.27 4.79 0.00	68.25 4.59 0.00	67.02 4.85 0.00	65.70 5.26 -0.01	67.30 5.44 -0.01	67.75 5.65 -0.01	70.26 5.56 -0.01	80.01 5.92 -1.00	91.66 6.55 -0.01	86.51 6.26 -0.01	79.46 5.91 -0.60	69.33 5.31 -0.01	62.68 5.18 -0.01	54.98 4.07 0.00	49.14 3.43 0.00
CALPINE BETH_PAGE_GT4 24209	51.52 3.86 0.00	47.25 3.30 0.00	45.95 3.17 0.00	45.55 3.06 0.00	46.17 3.06 0.00	50.15 3.67 0.00	73.74 5.78 0.00	92.01 5.78 0.00	83.81 6.14 0.00	72.40 4.93 0.00	68.44 4.77 0.00	67.20 5.04 0.00	65.47 5.02 -0.01	67.06 5.20 -0.01	67.26 5.15 -0.01	70.00 5.30 -0.01	78.88 5.77 -0.01	91.66 6.55 -0.01	86.51 6.26 -0.01	78.65 5.69 -0.01	69.15 5.12 -0.01	62.33 4.83 -0.01	54.88 3.97 0.00	49.00 3.29 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.51 3.86 0.00	47.16 3.21 0.00	45.90 3.12 0.00	45.55 3.06 0.00	46.17 3.06 0.00	50.15 3.67 0.00	73.81 5.85 0.00	92.01 5.78 0.00	83.81 6.13 0.00	72.40 4.92 0.00	68.44 4.78 0.00	67.20 5.03 0.00	65.46 5.01 -0.01	67.06 5.20 -0.01	67.38 5.28 -0.01	69.94 5.24 -0.01	78.88 5.77 -0.01	91.66 6.55 -0.01	86.52 6.26 -0.01	78.65 5.69 -0.01	69.08 5.06 -0.01	62.33 4.83 -0.01	54.88 3.97 0.00	49.05 3.34 0.00
CALPINE_BP_GT1 23823	51.51 3.86 0.00	47.16 3.21 0.00	45.90 3.12 0.00	45.55 3.06 0.00	46.17 3.06 0.00	50.15 3.67 0.00	73.81 5.85 0.00	92.01 5.78 0.00	83.81 6.13 0.00	72.40 4.92 0.00	68.44 4.78 0.00	67.20 5.03 0.00	65.46 5.01 -0.01	67.06 5.20 -0.01	67.38 5.28 -0.01	69.94 5.24 -0.01	78.88 5.77 -0.01	91.66 6.55 -0.01	86.52 6.26 -0.01	78.65 5.69 -0.01	69.08 5.06 -0.01	62.33 4.83 -0.01	54.88 3.97 0.00	49.05 3.34 0.00
CALSPAN___DRP 24200	44.08 -3.57 0.00	40.88 -3.08 0.00	39.10 -3.68 0.00	38.80 -3.70 0.00	39.36 -3.75 0.00	42.20 -4.28 0.00	62.26 -5.71 0.00	79.33 -6.90 0.00	70.29 -7.38 0.00	62.01 -5.47 0.00	59.08 -4.58 0.00	56.76 -5.41 0.00	55.24 -5.20 0.00	55.48 -6.37 0.00	55.70 -6.40 0.00	58.48 -6.21 0.00	65.93 -7.16 0.00	77.70 -7.40 0.00	74.06 -6.18 0.00	66.75 -6.20 0.00	58.19 -5.83 0.00	51.40 -6.09 0.00	45.97 -4.94 0.00	41.69 -4.02 0.00

CALVERTON___SOLAR 323806	51.90 4.24 0.00	47.43 3.47 0.00	46.12 3.34 0.00	45.77 3.27 0.00	46.43 3.32 0.00	50.57 4.09 0.00	74.49 6.53 0.00	92.35 6.12 0.00	83.65 5.98 0.00	72.34 4.86 0.00	68.44 4.78 0.00	67.14 4.98 0.00	65.95 5.50 -0.01	67.61 5.75 -0.01	68.07 5.96 -0.01	70.64 5.95 -0.01	80.52 6.43 -0.99	92.26 7.15 -0.01	87.07 6.82 -0.01	79.97 6.42 -0.60	69.66 5.63 -0.01	62.97 5.46 -0.01	55.19 4.28 0.00	49.37 3.66 0.00
CANDIGU_WT_PWR 323617	44.13 -3.53 0.00	40.48 -3.47 0.00	39.23 -3.55 0.00	38.75 -3.74 0.00	39.36 -3.75 0.00	42.39 -4.09 0.00	62.66 -5.30 0.00	80.11 -6.12 0.00	72.01 -5.67 0.00	62.75 -4.73 0.00	59.46 -4.20 0.00	57.25 -4.91 0.00	55.73 -4.71 0.00	56.28 -5.57 0.00	56.75 -5.34 0.00	59.83 -4.85 0.00	67.32 -5.78 0.00	79.40 -5.70 0.00	75.59 -4.66 0.00	68.28 -4.67 0.00	59.47 -4.54 0.00	52.95 -4.54 0.00	46.94 -3.97 0.00	42.19 -3.52 0.00
CARR STREET_E__SYR 24060	46.61 -1.05 0.00	43.03 -0.93 0.00	41.80 -0.98 0.00	41.47 -1.02 0.00	42.12 -0.99 0.00	45.41 -1.07 0.00	66.33 -1.63 0.00	84.33 -1.90 0.00	75.89 -1.78 0.00	65.99 -1.48 0.00	62.26 -1.40 0.00	60.74 -1.43 0.00	59.11 -1.33 0.00	60.36 -1.48 0.00	60.54 -1.55 0.00	63.20 -1.49 0.00	71.34 -1.75 0.00	83.14 -1.95 0.00	78.48 -1.77 0.00	71.27 -1.67 0.00	62.42 -1.60 0.00	55.88 -1.61 0.00	49.54 -1.37 0.00	44.61 -1.10 0.00
CARTHAGE___PAPER 23857	48.04 0.38 0.00	44.22 0.27 0.00	42.57 -0.21 0.00	42.28 -0.21 0.00	42.98 -0.13 0.00	46.43 -0.05 0.00	68.44 0.48 0.00	87.44 1.21 0.00	77.98 0.31 0.00	67.14 -0.34 0.00	63.22 -0.44 0.00	61.92 -0.25 0.00	60.87 0.43 0.00	61.73 -0.12 0.00	62.16 0.06 0.00	64.62 -0.06 0.00	73.17 0.07 0.00	85.70 0.60 0.00	80.56 0.32 0.00	73.24 0.29 0.00	64.47 0.45 0.00	57.84 0.35 0.00	51.01 0.10 0.00	45.76 0.05 0.00
CASSADAGA_WT_PWR 323784	42.99 -4.67 0.00	39.43 -4.53 0.00	38.16 -4.62 0.00	37.78 -4.72 0.00	38.37 -4.74 0.00	41.36 -5.11 0.00	61.23 -6.73 0.00	78.21 -8.02 0.00	69.13 -8.54 0.00	60.80 -6.68 0.00	58.06 -5.60 0.00	55.82 -6.34 0.00	54.52 -5.92 0.00	54.68 -7.17 0.00	54.83 -7.26 0.00	57.77 -6.92 0.00	64.76 -8.33 0.00	78.21 -6.89 0.00	74.71 -5.54 0.00	65.80 -7.15 0.00	57.23 -6.79 0.00	50.71 -6.78 0.00	45.06 -5.85 0.00	40.82 -4.89 0.00
CE_DUNWOOD___DRP 24194	50.42 2.76 0.00	46.42 2.46 0.00	45.22 2.44 0.00	44.87 2.38 0.00	45.44 2.33 0.00	48.99 2.51 0.00	71.77 3.81 0.00	90.63 4.40 0.00	81.87 4.19 0.00	70.85 3.37 0.00	66.91 3.25 0.00	65.52 3.36 0.00	63.70 3.26 0.00	65.31 3.46 0.00	65.51 3.42 0.00	68.25 3.56 0.00	77.12 4.02 0.00	89.61 4.51 0.00	84.50 4.25 0.00	76.74 3.79 0.00	67.22 3.20 0.00	60.54 3.05 0.00	53.61 2.70 0.00	48.00 2.29 0.00
CE_MILLWOOD___DRP 24193	50.32 2.67 0.00	46.33 2.37 0.00	45.18 2.40 0.00	44.83 2.34 0.00	45.39 2.28 0.00	48.89 2.42 0.00	71.70 3.74 0.00	90.54 4.31 0.00	81.79 4.12 0.00	70.72 3.24 0.00	66.84 3.18 0.00	65.40 3.23 0.00	63.58 3.14 0.00	65.19 3.34 0.00	65.39 3.29 0.00	68.12 3.43 0.00	76.97 3.87 0.00	89.44 4.34 0.00	84.33 4.09 0.00	76.67 3.72 0.00	67.15 3.14 0.00	60.42 2.93 0.00	53.51 2.60 0.00	47.90 2.19 0.00
CE_NYC2_DRP 24202	51.09 3.43 0.00	46.99 3.03 0.00	45.82 3.04 0.00	45.43 2.93 0.00	45.96 2.85 0.00	49.54 3.07 0.00	72.11 4.15 0.00	90.97 4.74 0.00	82.25 4.58 0.00	71.26 3.78 0.00	67.48 3.82 0.00	66.14 3.98 0.00	64.31 3.87 0.00	65.93 4.08 0.00	66.13 4.04 0.00	68.83 4.14 0.00	77.56 4.46 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.03 4.08 0.00	67.60 3.58 0.00	61.11 3.62 0.00	54.32 3.41 0.00	48.64 2.93 0.00
CE_NYC_DRP 24195	50.85 3.19 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.26 2.76 0.00	45.78 2.67 0.00	49.36 2.88 0.00	72.31 4.35 0.00	91.32 5.09 0.00	82.57 4.89 0.00	71.46 3.98 0.00	67.54 3.88 0.00	66.14 3.98 0.00	64.31 3.87 0.00	65.93 4.08 0.00	66.13 4.04 0.00	68.89 4.20 0.00	77.77 4.68 0.00	90.37 5.28 0.00	85.14 4.89 0.00	77.32 4.38 0.00	67.73 3.71 0.00	61.06 3.56 0.00	54.12 3.21 0.00	48.45 2.74 0.00
CHAFFEE___LFGE 323603	44.27 -3.38 0.00	40.61 -3.34 0.00	39.36 -3.42 0.00	38.92 -3.57 0.00	39.49 -3.62 0.00	42.48 -4.00 0.00	62.59 -5.37 0.00	79.33 -6.90 0.00	70.29 -7.38 0.00	61.95 -5.53 0.00	59.02 -4.64 0.00	56.69 -5.47 0.00	55.24 -5.20 0.00	55.42 -6.43 0.00	55.64 -6.46 0.00	59.06 -5.63 0.00	66.30 -6.80 0.00	78.12 -6.98 0.00	74.46 -5.78 0.00	67.11 -5.84 0.00	58.51 -5.51 0.00	52.15 -5.35 0.00	46.28 -4.63 0.00	41.92 -3.79 0.00
CHATEAUG_35_KV_LOAD 355732	47.04 -0.62 0.00	43.34 -0.62 0.00	42.31 -0.47 0.00	42.20 -0.30 0.00	43.02 -0.09 0.00	46.57 0.09 0.00	68.24 0.27 0.00	86.58 0.34 0.00	77.98 0.31 0.00	67.68 0.20 0.00	64.04 0.38 0.00	62.48 0.31 0.00	60.86 0.42 0.00	62.22 0.37 0.00	62.47 0.37 0.00	64.82 0.13 0.00	73.24 0.15 0.00	85.27 0.17 0.00	80.40 0.16 0.00	73.16 0.22 0.00	64.33 0.32 0.00	58.35 0.86 0.00	51.47 0.56 0.00	46.17 0.46 0.00
CHATEAUG_WT_PWR 323614	46.94 -0.71 0.00	43.30 -0.66 0.00	42.23 -0.56 0.00	42.15 -0.34 0.00	42.94 -0.17 0.00	46.43 -0.05 0.00	67.96 0.00 0.00	86.32 0.09 0.00	77.75 0.08 0.00	67.55 0.07 0.00	63.98 0.32 0.00	62.41 0.25 0.00	60.87 0.43 0.00	62.16 0.31 0.00	62.28 0.19 0.00	64.69 0.00 0.00	73.10 0.00 0.00	85.10 0.00 0.00	80.08 -0.16 0.00	72.87 -0.07 0.00	64.27 0.26 0.00	58.18 0.69 0.00	51.32 0.41 0.00	46.03 0.32 0.00
CHAT_HIGH_FALL_HYD 323578	47.04 -0.62 0.00	43.34 -0.62 0.00	42.31 -0.47 0.00	42.20 -0.30 0.00	43.02 -0.09 0.00	46.57 0.09 0.00	68.24 0.27 0.00	86.58 0.34 0.00	77.98 0.31 0.00	67.68 0.20 0.00	64.04 0.38 0.00	62.48 0.31 0.00	60.86 0.42 0.00	62.22 0.37 0.00	62.47 0.37 0.00	64.82 0.13 0.00	73.24 0.15 0.00	85.27 0.17 0.00	80.40 0.16 0.00	73.16 0.22 0.00	64.33 0.32 0.00	58.35 0.86 0.00	51.47 0.56 0.00	46.17 0.46 0.00
CHAUTAUQUA___LFGE 323629	43.80 -3.86 0.00	40.18 -3.78 0.00	38.93 -3.85 0.00	38.50 -4.00 0.00	39.06 -4.05 0.00	42.06 -4.42 0.00	62.19 -5.78 0.00	79.16 -7.07 0.00	69.98 -7.69 0.00	61.61 -5.87 0.00	58.70 -4.97 0.00	56.39 -5.78 0.00	54.94 -5.50 0.00	55.17 -6.68 0.00	55.33 -6.77 0.00	58.35 -6.34 0.00	65.49 -7.60 0.00	77.87 -7.23 0.00	74.39 -5.85 0.00	66.53 -6.42 0.00	57.99 -6.02 0.00	51.46 -6.04 0.00	45.77 -5.14 0.00	41.46 -4.25 0.00
CHERRYST_13_KV_LD 356241	50.99 3.34 0.00	46.90 2.95 0.00	45.69 2.91 0.00	45.34 2.85 0.00	45.87 2.76 0.00	49.50 3.02 0.00	72.52 4.55 0.00	91.58 5.35 0.00	82.80 5.13 0.00	71.66 4.18 0.00	67.80 4.14 0.00	66.33 4.17 0.00	64.55 4.11 0.00	66.12 4.27 0.00	66.38 4.28 0.00	69.15 4.46 0.00	78.07 4.97 0.00	90.63 5.53 0.00	85.38 5.14 0.00	77.54 4.60 0.00	67.86 3.84 0.00	61.17 3.68 0.00	54.22 3.31 0.00	48.54 2.83 0.00

CHESTROR_138KV_BK263 355645	49.90 2.24 0.00	45.94 1.98 0.00	44.79 2.01 0.00	44.45 1.95 0.00	45.01 1.90 0.00	48.52 2.04 0.00	71.02 3.06 0.00	89.77 3.54 0.00	80.86 3.18 0.00	69.97 2.50 0.00	66.02 2.36 0.00	64.53 2.36 0.00	62.74 2.30 0.00	64.32 2.47 0.00	64.52 2.42 0.00	67.34 2.65 0.00	76.17 3.07 0.00	88.59 3.49 0.00	83.53 3.29 0.00	75.94 2.99 0.00	66.57 2.56 0.00	59.85 2.36 0.00	52.95 2.04 0.00	47.49 1.78 0.00
CH_MIDHUDSON___DRP 24192	50.18 2.53 0.00	46.20 2.24 0.00	45.05 2.27 0.00	44.75 2.25 0.00	45.27 2.16 0.00	48.80 2.32 0.00	71.43 3.47 0.00	90.28 4.05 0.00	81.48 3.81 0.00	70.45 2.97 0.00	66.46 2.80 0.00	65.02 2.86 0.00	63.22 2.78 0.00	64.76 2.91 0.00	64.95 2.86 0.00	67.73 3.04 0.00	76.60 3.51 0.00	89.01 3.91 0.00	83.93 3.69 0.00	76.23 3.28 0.00	66.89 2.88 0.00	60.31 2.82 0.00	53.35 2.44 0.00	47.81 2.10 0.00
CH_MISC_IPPS 23765	50.42 2.76 0.00	46.37 2.42 0.00	45.26 2.48 0.00	44.91 2.42 0.00	45.52 2.41 0.00	48.98 2.51 0.00	71.90 3.94 0.00	90.88 4.65 0.00	81.86 4.19 0.00	70.78 3.31 0.00	66.78 3.12 0.00	65.33 3.17 0.00	63.34 2.90 0.00	64.76 2.91 0.00	64.95 2.86 0.00	67.66 2.98 0.00	76.60 3.51 0.00	89.10 4.00 0.00	84.01 3.77 0.00	76.30 3.36 0.00	67.15 3.14 0.00	60.59 3.10 0.00	53.56 2.65 0.00	48.09 2.38 0.00
CH_RES_BVR_FALLS 23983	47.13 -0.52 0.00	43.34 -0.62 0.00	42.06 -0.73 0.00	41.73 -0.76 0.00	42.34 -0.77 0.00	45.69 -0.79 0.00	66.87 -1.09 0.00	84.94 -1.29 0.00	76.66 -1.01 0.00	66.60 -0.88 0.00	62.96 -0.70 0.00	61.48 -0.68 0.00	59.89 -0.55 0.00	61.35 -0.50 0.00	61.53 -0.56 0.00	64.10 -0.58 0.00	72.37 -0.73 0.00	84.16 -0.93 0.00	79.28 -0.96 0.00	72.00 -0.95 0.00	63.25 -0.77 0.00	56.92 -0.57 0.00	50.35 -0.56 0.00	45.21 -0.50 0.00
CH_RES_NIAGARA 23895	42.80 -4.86 0.00	39.78 -4.18 0.00	38.03 -4.75 0.00	37.78 -4.72 0.00	38.45 -4.66 0.00	40.95 -5.53 0.00	60.15 -7.82 0.00	76.49 -9.74 0.00	67.89 -9.79 0.00	60.12 -7.36 0.00	57.23 -6.43 0.00	55.08 -7.09 0.00	53.55 -6.89 0.00	53.75 -8.10 0.00	53.90 -8.20 0.00	56.54 -8.15 0.00	63.74 -9.36 0.00	74.89 -10.21 0.00	71.34 -8.91 0.00	64.41 -8.53 0.00	56.27 -7.75 0.00	49.73 -7.76 0.00	44.55 -6.36 0.00	40.50 -5.21 0.00
CH_RES_SYRACUSE 23985	46.94 -0.71 0.00	43.30 -0.66 0.00	42.10 -0.69 0.00	41.73 -0.76 0.00	42.38 -0.73 0.00	45.64 -0.84 0.00	66.87 -1.09 0.00	85.11 -1.12 0.00	76.51 -1.16 0.00	66.53 -0.94 0.00	62.77 -0.89 0.00	61.23 -0.93 0.00	59.59 -0.85 0.00	60.80 -1.05 0.00	61.04 -1.06 0.00	63.72 -0.97 0.00	71.92 -1.17 0.00	83.91 -1.19 0.00	79.20 -1.05 0.00	71.92 -1.02 0.00	62.99 -1.03 0.00	56.40 -1.09 0.00	49.94 -0.97 0.00	44.89 -0.82 0.00
CLINTON_WT_PWR 323605	46.94 -0.71 0.00	43.30 -0.66 0.00	42.23 -0.56 0.00	42.15 -0.34 0.00	42.94 -0.17 0.00	46.43 -0.05 0.00	67.96 0.00 0.00	86.32 0.09 0.00	77.75 0.08 0.00	67.55 0.07 0.00	63.98 0.32 0.00	62.41 0.25 0.00	60.87 0.43 0.00	62.16 0.31 0.00	62.28 0.19 0.00	64.69 0.00 0.00	73.10 0.00 0.00	85.10 0.00 0.00	80.08 -0.16 0.00	72.87 -0.07 0.00	64.27 0.26 0.00	58.18 0.69 0.00	51.32 0.41 0.00	46.03 0.32 0.00
CLINTON___LFGE 323618	47.18 -0.48 0.00	43.43 -0.53 0.00	42.40 -0.39 0.00	42.32 -0.17 0.00	43.15 0.04 0.00	46.76 0.28 0.00	68.37 0.41 0.00	86.75 0.52 0.00	78.14 0.47 0.00	67.89 0.41 0.00	64.36 0.70 0.00	62.79 0.62 0.00	61.22 0.78 0.00	62.53 0.68 0.00	62.53 0.44 0.00	64.88 0.19 0.00	73.32 0.22 0.00	85.44 0.34 0.00	80.48 0.24 0.00	73.24 0.29 0.00	64.72 0.71 0.00	58.82 1.32 0.00	51.83 0.92 0.00	46.49 0.78 0.00
COBBLENY_34_KV_TB1 80064	44.22 -3.43 0.00	41.01 -2.95 0.00	39.23 -3.55 0.00	38.92 -3.57 0.00	39.49 -3.62 0.00	42.39 -4.09 0.00	62.53 -5.44 0.00	79.33 -6.90 0.00	70.29 -7.38 0.00	61.94 -5.53 0.00	59.01 -4.65 0.00	56.69 -5.47 0.00	55.18 -5.26 0.00	55.42 -6.43 0.00	55.64 -6.46 0.00	58.80 -5.89 0.00	66.23 -6.87 0.00	78.12 -6.98 0.00	74.46 -5.78 0.00	67.11 -5.84 0.00	58.51 -5.51 0.00	51.63 -5.86 0.00	46.18 -4.73 0.00	41.82 -3.89 0.00
COFFEEN___115KV_TB3 355620	48.13 0.48 0.00	44.35 0.40 0.00	42.74 -0.04 0.00	42.41 -0.08 0.00	43.11 0.00 0.00	46.62 0.14 0.00	68.71 0.75 0.00	88.04 1.81 0.00	78.37 0.70 0.00	67.48 0.00 0.00	63.66 0.00 0.00	62.10 -0.06 0.00	60.98 0.54 0.00	61.79 -0.06 0.00	62.09 0.00 0.00	64.62 -0.06 0.00	73.32 0.22 0.00	86.21 1.11 0.00	81.29 1.04 0.00	73.82 0.88 0.00	64.91 0.90 0.00	57.89 0.40 0.00	51.11 0.20 0.00	45.85 0.14 0.00
COLDSPRG_115KV_BK1 355956	44.42 -3.24 0.00	41.10 -2.86 0.00	39.36 -3.42 0.00	39.01 -3.48 0.00	39.66 -3.45 0.00	42.71 -3.76 0.00	63.41 -4.55 0.00	81.06 -5.17 0.00	71.38 -6.29 0.00	62.69 -4.79 0.00	59.78 -3.88 0.00	57.32 -4.85 0.00	55.85 -4.59 0.00	56.10 -5.75 0.00	56.20 -5.90 0.00	59.06 -5.63 0.00	66.44 -6.65 0.00	79.40 -5.70 0.00	75.91 -4.33 0.00	67.77 -5.18 0.00	58.89 -5.12 0.00	51.86 -5.63 0.00	46.33 -4.58 0.00	41.96 -3.75 0.00
COLONIE_LFGE___ 323577	49.42 1.76 0.00	45.63 1.67 0.00	44.45 1.67 0.00	44.20 1.70 0.00	44.71 1.60 0.00	48.24 1.77 0.00	69.94 1.97 0.00	88.82 2.58 0.00	80.00 2.33 0.00	69.50 2.02 0.00	65.13 1.47 0.00	63.72 1.55 0.00	61.71 1.27 0.00	63.52 1.67 0.00	63.96 1.86 0.00	66.50 1.81 0.00	75.22 2.12 0.00	87.74 2.64 0.00	82.65 2.41 0.00	75.06 2.12 0.00	65.93 1.92 0.00	59.10 1.61 0.00	52.59 1.68 0.00	47.08 1.37 0.00
COOPERNY_115KV_TB1 80082	49.37 1.72 0.00	45.50 1.54 0.00	44.32 1.54 0.00	43.98 1.49 0.00	44.58 1.47 0.00	48.01 1.53 0.00	70.34 2.38 0.00	89.08 2.85 0.00	80.24 2.56 0.00	69.50 2.02 0.00	65.63 1.97 0.00	64.15 1.99 0.00	62.37 1.93 0.00	63.89 2.04 0.00	64.08 1.99 0.00	66.82 2.13 0.00	75.51 2.41 0.00	87.82 2.72 0.00	82.89 2.65 0.00	75.35 2.41 0.00	66.06 2.05 0.00	59.33 1.84 0.00	52.54 1.63 0.00	47.08 1.37 0.00
COPENHAGEN_WT_PWR 323753	47.75 0.10 0.00	44.00 0.04 0.00	42.44 -0.34 0.00	42.11 -0.38 0.00	42.81 -0.30 0.00	46.24 -0.23 0.00	68.10 0.14 0.00	87.09 0.86 0.00	77.75 0.08 0.00	67.08 -0.40 0.00	63.28 -0.38 0.00	61.73 -0.43 0.00	60.62 0.18 0.00	61.48 -0.37 0.00	61.72 -0.37 0.00	64.24 -0.45 0.00	72.80 -0.29 0.00	85.35 0.26 0.00	80.40 0.16 0.00	73.09 0.15 0.00	64.27 0.26 0.00	57.44 -0.06 0.00	50.71 -0.20 0.00	45.53 -0.18 0.00
CORNELL_____ 23752	47.94 0.29 0.00	44.22 0.26 0.00	42.91 0.13 0.00	42.54 0.04 0.00	43.20 0.09 0.00	46.57 0.09 0.00	68.64 0.68 0.00	87.44 1.21 0.00	78.45 0.78 0.00	67.95 0.47 0.00	64.04 0.38 0.00	62.29 0.12 0.00	60.56 0.12 0.00	61.79 -0.06 0.00	62.03 -0.06 0.00	64.95 0.26 0.00	73.53 0.44 0.00	86.03 0.94 0.00	81.45 1.20 0.00	73.89 0.95 0.00	64.72 0.70 0.00	57.66 0.17 0.00	51.06 0.15 0.00	45.85 0.14 0.00

CORONA__69_KV_TB1 355595	51.52 3.86 0.00	47.25 3.30 0.00	45.99 3.21 0.00	45.60 3.10 0.00	46.21 3.10 0.00	50.15 3.67 0.00	73.54 5.57 0.00	91.92 5.69 0.00	83.58 5.90 0.00	72.27 4.79 0.00	68.31 4.65 0.00	67.01 4.85 0.00	65.29 4.84 -0.02	66.81 4.95 -0.02	67.02 4.91 -0.02	69.75 5.05 -0.02	78.59 5.48 -0.02	91.41 6.30 -0.02	86.28 6.02 -0.02	78.43 5.47 -0.02	68.90 4.87 -0.02	62.11 4.60 -0.02	54.78 3.87 0.00	49.00 3.29 0.00
CORTLAND__115KV_TB3 80093	47.75 0.10 0.00	44.09 0.13 0.00	42.78 0.00 0.00	42.45 -0.04 0.00	43.11 0.00 0.00	46.48 0.00 0.00	68.24 0.27 0.00	86.83 0.60 0.00	78.06 0.39 0.00	67.68 0.20 0.00	63.79 0.13 0.00	62.17 0.00 0.00	60.50 0.06 0.00	61.73 -0.12 0.00	61.97 -0.12 0.00	64.75 0.06 0.00	73.24 0.15 0.00	85.44 0.34 0.00	80.80 0.56 0.00	73.31 0.36 0.00	64.27 0.26 0.00	57.38 -0.11 0.00	50.86 -0.05 0.00	45.66 -0.05 0.00
COXSACKIE__GT 23611	50.37 2.71 0.00	46.46 2.50 0.00	45.26 2.48 0.00	45.04 2.55 0.00	45.61 2.50 0.00	49.12 2.65 0.00	71.43 3.46 0.00	90.71 4.48 0.00	80.86 3.19 0.00	69.70 2.22 0.00	65.00 1.34 0.00	63.41 1.24 0.00	61.47 1.03 0.00	63.21 1.36 0.00	63.65 1.55 0.00	66.82 2.13 0.00	76.17 3.07 0.00	89.10 4.00 0.00	84.09 3.85 0.00	76.08 3.13 0.00	66.90 2.88 0.00	60.20 2.70 0.00	53.45 2.54 0.00	48.04 2.33 0.00
CPV_VALLEY__CC1 323721	49.70 2.05 0.00	45.76 1.80 0.00	44.62 1.84 0.00	44.28 1.78 0.00	44.88 1.77 0.00	48.34 1.86 0.00	70.82 2.85 0.00	89.51 3.28 0.00	80.78 3.11 0.00	69.90 2.43 0.00	66.02 2.36 0.00	64.53 2.36 0.00	62.74 2.30 0.00	64.33 2.48 0.00	64.58 2.49 0.00	67.21 2.52 0.00	76.02 2.93 0.00	88.41 3.32 0.00	83.37 3.13 0.00	75.79 2.84 0.00	66.38 2.37 0.00	59.73 2.24 0.00	52.89 1.98 0.00	47.40 1.69 0.00
CPV_VALLEY__CC2 323722	49.70 2.05 0.00	45.76 1.80 0.00	44.62 1.84 0.00	44.28 1.78 0.00	44.88 1.77 0.00	48.34 1.86 0.00	70.82 2.85 0.00	89.51 3.28 0.00	80.78 3.11 0.00	69.90 2.43 0.00	66.02 2.36 0.00	64.53 2.36 0.00	62.74 2.30 0.00	64.33 2.48 0.00	64.58 2.49 0.00	67.21 2.52 0.00	76.02 2.93 0.00	88.41 3.32 0.00	83.37 3.13 0.00	75.79 2.84 0.00	66.38 2.37 0.00	59.73 2.24 0.00	52.89 1.98 0.00	47.40 1.69 0.00
CRESCENT__HYD 24018	49.42 1.76 0.00	45.63 1.67 0.00	44.45 1.67 0.00	44.20 1.70 0.00	44.71 1.60 0.00	48.24 1.77 0.00	69.94 1.97 0.00	88.82 2.58 0.00	80.00 2.33 0.00	69.50 2.02 0.00	65.13 1.47 0.00	63.72 1.55 0.00	61.71 1.27 0.00	63.52 1.67 0.00	63.96 1.86 0.00	66.50 1.81 0.00	75.22 2.12 0.00	87.74 2.64 0.00	82.65 2.41 0.00	75.06 2.12 0.00	65.93 1.92 0.00	59.10 1.61 0.00	52.59 1.68 0.00	47.08 1.37 0.00
CRICKET__VALLEY_CC1 323756	49.61 1.95 0.00	45.67 1.71 0.00	44.58 1.80 0.00	44.32 1.83 0.00	44.79 1.68 0.00	48.24 1.77 0.00	70.61 2.65 0.00	89.16 2.93 0.00	80.55 2.88 0.00	69.77 2.30 0.00	65.83 2.17 0.00	64.40 2.23 0.00	62.61 2.17 0.00	64.20 2.35 0.00	64.51 2.42 0.00	67.08 2.39 0.00	75.80 2.71 0.00	88.08 2.98 0.00	82.97 2.73 0.00	75.50 2.55 0.00	66.19 2.18 0.00	59.56 2.07 0.00	52.80 1.88 0.00	47.31 1.60 0.00
CRICKET__VALLEY_CC2 323757	49.61 1.95 0.00	45.67 1.71 0.00	44.58 1.80 0.00	44.32 1.83 0.00	44.79 1.68 0.00	48.24 1.77 0.00	70.61 2.65 0.00	89.16 2.93 0.00	80.55 2.88 0.00	69.77 2.30 0.00	65.83 2.17 0.00	64.40 2.23 0.00	62.61 2.17 0.00	64.20 2.35 0.00	64.51 2.42 0.00	67.08 2.39 0.00	75.80 2.71 0.00	88.08 2.98 0.00	82.97 2.73 0.00	75.50 2.55 0.00	66.19 2.18 0.00	59.56 2.07 0.00	52.80 1.88 0.00	47.31 1.60 0.00
CRICKET__VALLEY_CC3 323758	49.61 1.95 0.00	45.67 1.71 0.00	44.58 1.80 0.00	44.32 1.83 0.00	44.79 1.68 0.00	48.24 1.77 0.00	70.61 2.65 0.00	89.16 2.93 0.00	80.55 2.88 0.00	69.77 2.30 0.00	65.83 2.17 0.00	64.40 2.23 0.00	62.61 2.17 0.00	64.20 2.35 0.00	64.51 2.42 0.00	67.08 2.39 0.00	75.80 2.71 0.00	88.08 2.98 0.00	82.97 2.73 0.00	75.50 2.55 0.00	66.19 2.18 0.00	59.56 2.07 0.00	52.80 1.88 0.00	47.31 1.60 0.00
CRUCIBLE_METL_DRP 24180	46.94 -0.71 0.00	43.34 -0.62 0.00	42.06 -0.73 0.00	41.73 -0.76 0.00	42.38 -0.73 0.00	45.64 -0.84 0.00	66.88 -1.09 0.00	85.11 -1.12 0.00	76.51 -1.17 0.00	66.53 -0.94 0.00	62.77 -0.89 0.00	61.23 -0.93 0.00	59.53 -0.91 0.00	60.80 -1.05 0.00	61.04 -1.06 0.00	63.72 -0.97 0.00	71.93 -1.17 0.00	83.91 -1.19 0.00	79.20 -1.04 0.00	71.92 -1.02 0.00	62.99 -1.02 0.00	56.34 -1.15 0.00	49.94 -0.97 0.00	44.89 -0.82 0.00
DAHOWA__HYDRO 323763	49.80 2.15 0.00	45.98 2.02 0.00	44.79 2.01 0.00	44.58 2.08 0.00	45.05 1.94 0.00	48.75 2.28 0.00	70.88 2.92 0.00	90.02 3.79 0.00	80.93 3.26 0.00	70.25 2.77 0.00	65.83 2.17 0.00	64.34 2.17 0.00	62.25 1.81 0.00	63.95 2.10 0.00	64.39 2.30 0.00	66.95 2.26 0.00	75.87 2.78 0.00	88.67 3.57 0.00	83.53 3.29 0.00	75.79 2.84 0.00	66.64 2.63 0.00	59.68 2.18 0.00	53.10 2.19 0.00	47.45 1.74 0.00
DANC__LFGE 323619	47.09 -0.57 0.00	43.43 -0.53 0.00	42.01 -0.77 0.00	41.68 -0.81 0.00	42.34 -0.77 0.00	45.64 -0.84 0.00	67.01 -0.95 0.00	85.54 -0.69 0.00	76.58 -1.09 0.00	66.27 -1.21 0.00	62.58 -1.08 0.00	61.05 -1.12 0.00	59.72 -0.72 0.00	60.74 -1.11 0.00	60.98 -1.12 0.00	63.46 -1.23 0.00	71.78 -1.31 0.00	84.08 -1.02 0.00	79.28 -0.96 0.00	72.00 -0.95 0.00	63.25 -0.77 0.00	56.51 -0.98 0.00	50.00 -0.91 0.00	44.93 -0.78 0.00
DANSKAMMER__1 23586	50.42 2.76 0.00	46.37 2.42 0.00	45.26 2.48 0.00	44.91 2.42 0.00	45.52 2.41 0.00	48.98 2.51 0.00	71.90 3.94 0.00	90.88 4.65 0.00	81.86 4.19 0.00	70.78 3.31 0.00	66.78 3.12 0.00	65.33 3.17 0.00	63.34 2.90 0.00	64.76 2.91 0.00	64.95 2.86 0.00	67.66 2.98 0.00	76.60 3.51 0.00	89.10 4.00 0.00	84.01 3.77 0.00	76.30 3.36 0.00	67.15 3.14 0.00	60.59 3.10 0.00	53.56 2.65 0.00	48.09 2.38 0.00
DANSKAMMER__2 23589	50.42 2.76 0.00	46.37 2.42 0.00	45.26 2.48 0.00	44.91 2.42 0.00	45.52 2.41 0.00	48.98 2.51 0.00	71.90 3.94 0.00	90.88 4.65 0.00	81.86 4.19 0.00	70.78 3.31 0.00	66.78 3.12 0.00	65.33 3.17 0.00	63.34 2.90 0.00	64.76 2.91 0.00	64.95 2.86 0.00	67.66 2.98 0.00	76.60 3.51 0.00	89.10 4.00 0.00	84.01 3.77 0.00	76.30 3.36 0.00	67.15 3.14 0.00	60.59 3.10 0.00	53.56 2.65 0.00	48.09 2.38 0.00
DANSKAMMER__3 23590	50.42 2.76 0.00	46.37 2.42 0.00	45.26 2.48 0.00	44.91 2.42 0.00	45.52 2.41 0.00	48.98 2.51 0.00	71.90 3.94 0.00	90.88 4.65 0.00	81.86 4.19 0.00	70.78 3.31 0.00	66.78 3.12 0.00	65.33 3.17 0.00	63.34 2.90 0.00	64.76 2.91 0.00	64.95 2.86 0.00	67.66 2.98 0.00	76.60 3.51 0.00	89.10 4.00 0.00	84.01 3.77 0.00	76.30 3.36 0.00	67.15 3.14 0.00	60.59 3.10 0.00	53.56 2.65 0.00	48.09 2.38 0.00

DANSKAMMER___4 23591	50.42 2.76 0.00	46.37 2.42 0.00	45.26 2.48 0.00	44.91 2.42 0.00	45.52 2.41 0.00	48.98 2.51 0.00	71.90 3.94 0.00	90.88 4.65 0.00	81.86 4.19 0.00	70.78 3.31 0.00	66.78 3.12 0.00	65.33 3.17 0.00	63.34 2.90 0.00	64.76 2.91 0.00	64.95 2.86 0.00	67.66 2.98 0.00	76.60 3.51 0.00	89.10 4.00 0.00	84.01 3.77 0.00	76.30 3.36 0.00	67.15 3.14 0.00	60.59 3.10 0.00	53.56 2.65 0.00	48.09 2.38 0.00
DANSKAMMER___DIESEL 23592	50.42 2.76 0.00	46.42 2.46 0.00	45.26 2.48 0.00	44.92 2.42 0.00	45.52 2.41 0.00	48.99 2.51 0.00	71.91 3.94 0.00	90.89 4.66 0.00	81.87 4.19 0.00	70.78 3.31 0.00	66.78 3.12 0.00	65.34 3.17 0.00	63.34 2.90 0.00	64.76 2.91 0.00	64.83 2.73 0.00	67.73 3.04 0.00	76.60 3.51 0.00	89.10 4.00 0.00	84.01 3.77 0.00	76.30 3.36 0.00	67.15 3.14 0.00	60.60 3.10 0.00	53.56 2.65 0.00	48.04 2.33 0.00
DARBY___SOLAR 323810	49.66 2.00 0.00	45.85 1.89 0.00	44.66 1.88 0.00	44.45 1.96 0.00	44.92 1.81 0.00	48.57 2.09 0.00	70.61 2.65 0.00	89.77 3.54 0.00	80.62 2.95 0.00	70.04 2.56 0.00	65.57 1.91 0.00	64.09 1.93 0.00	62.07 1.63 0.00	63.77 1.92 0.00	64.21 2.11 0.00	66.82 2.13 0.00	75.65 2.56 0.00	88.41 3.32 0.00	83.29 3.05 0.00	75.57 2.62 0.00	66.45 2.43 0.00	59.50 2.01 0.00	52.95 2.04 0.00	47.35 1.64 0.00
DASHVILLE___HYD 23610	49.90 2.24 0.00	45.94 1.98 0.00	44.79 2.01 0.00	44.49 2.00 0.00	45.05 1.94 0.00	48.47 2.00 0.00	71.09 3.13 0.00	89.85 3.62 0.00	80.86 3.18 0.00	69.84 2.36 0.00	65.83 2.16 0.00	64.40 2.24 0.00	62.62 2.18 0.00	64.14 2.29 0.00	64.33 2.24 0.00	67.21 2.52 0.00	76.09 3.00 0.00	88.50 3.40 0.00	83.53 3.29 0.00	75.86 2.92 0.00	66.51 2.50 0.00	59.96 2.47 0.00	52.95 2.04 0.00	47.54 1.83 0.00
DELAWARE___LFGE 323621	48.85 1.19 0.00	45.01 1.05 0.00	43.90 1.11 0.00	43.56 1.06 0.00	44.14 1.03 0.00	47.59 1.12 0.00	69.73 1.77 0.00	88.47 2.24 0.00	79.61 1.94 0.00	69.03 1.55 0.00	65.19 1.53 0.00	63.66 1.49 0.00	61.95 1.51 0.00	63.27 1.42 0.00	63.52 1.43 0.00	66.30 1.62 0.00	74.85 1.75 0.00	87.14 2.04 0.00	82.17 1.93 0.00	74.70 1.75 0.00	65.55 1.54 0.00	58.70 1.21 0.00	51.98 1.07 0.00	46.62 0.91 0.00
DERFIELD_115KV_TB7 355931	47.89 0.24 0.00	44.18 0.22 0.00	43.00 0.21 0.00	42.66 0.17 0.00	43.28 0.17 0.00	46.66 0.19 0.00	68.17 0.20 0.00	86.49 0.26 0.00	77.83 0.16 0.00	67.61 0.13 0.00	63.79 0.13 0.00	62.29 0.12 0.00	60.56 0.12 0.00	61.97 0.12 0.00	62.28 0.19 0.00	64.88 0.19 0.00	73.39 0.29 0.00	85.35 0.26 0.00	80.48 0.24 0.00	73.16 0.22 0.00	64.21 0.19 0.00	57.61 0.11 0.00	51.06 0.15 0.00	45.80 0.09 0.00
DOGLEVILLE___HYD 23807	50.56 2.91 0.00	46.68 2.73 0.00	45.39 2.61 0.00	45.13 2.63 0.00	45.83 2.72 0.00	49.45 2.97 0.00	72.18 4.21 0.00	91.66 5.43 0.00	82.33 4.66 0.00	71.59 4.12 0.00	67.80 4.14 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.56 3.71 0.00	65.82 3.73 0.00	68.57 3.88 0.00	77.41 4.31 0.00	90.03 4.94 0.00	84.90 4.65 0.00	77.03 4.08 0.00	67.54 3.52 0.00	60.60 3.10 0.00	53.66 2.75 0.00	48.13 2.42 0.00
DUNKIRK___115KV_TB_200 55889	43.84 -3.81 0.00	40.66 -3.30 0.00	38.93 -3.85 0.00	38.58 -3.91 0.00	39.19 -3.92 0.00	42.11 -4.37 0.00	62.26 -5.71 0.00	79.33 -6.90 0.00	70.06 -7.61 0.00	61.68 -5.80 0.00	58.76 -4.90 0.00	56.45 -5.72 0.00	54.94 -5.50 0.00	55.23 -6.62 0.00	55.39 -6.71 0.00	58.22 -6.47 0.00	65.57 -7.53 0.00	77.95 -7.15 0.00	74.38 -5.86 0.00	66.67 -6.27 0.00	58.12 -5.89 0.00	51.17 -6.32 0.00	45.72 -5.19 0.00	41.46 -4.25 0.00
DUNKIRK___1 23563	43.84 -3.81 0.00	40.66 -3.30 0.00	38.93 -3.85 0.00	38.58 -3.91 0.00	39.19 -3.92 0.00	42.11 -4.37 0.00	62.26 -5.71 0.00	79.33 -6.90 0.00	70.06 -7.61 0.00	61.68 -5.80 0.00	58.76 -4.90 0.00	56.45 -5.72 0.00	54.94 -5.50 0.00	55.23 -6.62 0.00	55.39 -6.71 0.00	58.22 -6.47 0.00	65.57 -7.53 0.00	77.95 -7.15 0.00	74.38 -5.86 0.00	66.67 -6.27 0.00	58.12 -5.89 0.00	51.17 -6.32 0.00	45.72 -5.19 0.00	41.46 -4.25 0.00
DUNKIRK___2 23564	43.84 -3.81 0.00	40.66 -3.30 0.00	38.93 -3.85 0.00	38.58 -3.91 0.00	39.19 -3.92 0.00	42.11 -4.37 0.00	62.26 -5.71 0.00	79.33 -6.90 0.00	70.06 -7.61 0.00	61.68 -5.80 0.00	58.76 -4.90 0.00	56.45 -5.72 0.00	54.94 -5.50 0.00	55.23 -6.62 0.00	55.39 -6.71 0.00	58.22 -6.47 0.00	65.57 -7.53 0.00	77.95 -7.15 0.00	74.38 -5.86 0.00	66.67 -6.27 0.00	58.12 -5.89 0.00	51.17 -6.32 0.00	45.72 -5.19 0.00	41.46 -4.25 0.00
DUNKIRK___3 23565	43.89 -3.76 0.00	40.70 -3.25 0.00	38.98 -3.81 0.00	38.63 -3.87 0.00	39.23 -3.88 0.00	42.11 -4.37 0.00	62.26 -5.71 0.00	79.25 -6.98 0.00	70.06 -7.61 0.00	61.68 -5.80 0.00	58.76 -4.90 0.00	56.45 -5.72 0.00	54.94 -5.50 0.00	55.23 -6.62 0.00	55.39 -6.71 0.00	58.22 -6.47 0.00	65.57 -7.53 0.00	77.70 -7.40 0.00	74.14 -6.10 0.00	66.60 -6.35 0.00	58.06 -5.95 0.00	51.17 -6.32 0.00	45.72 -5.19 0.00	41.50 -4.21 0.00
DUNKIRK___4 23566	43.89 -3.76 0.00	40.70 -3.25 0.00	38.98 -3.81 0.00	38.63 -3.87 0.00	39.23 -3.88 0.00	42.11 -4.37 0.00	62.26 -5.71 0.00	79.25 -6.98 0.00	70.06 -7.61 0.00	61.68 -5.80 0.00	58.76 -4.90 0.00	56.45 -5.72 0.00	54.94 -5.50 0.00	55.23 -6.62 0.00	55.39 -6.71 0.00	58.22 -6.47 0.00	65.57 -7.53 0.00	77.70 -7.40 0.00	74.14 -6.10 0.00	66.60 -6.35 0.00	58.06 -5.95 0.00	51.17 -6.32 0.00	45.72 -5.19 0.00	41.50 -4.21 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.56 2.91 0.00	46.55 2.59 0.00	45.39 2.61 0.00	45.00 2.51 0.00	45.57 2.46 0.00	49.17 2.70 0.00	72.04 4.08 0.00	90.89 4.66 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.16 3.50 0.00	65.77 3.61 0.00	63.94 3.51 0.00	65.56 3.71 0.00	65.82 3.73 0.00	68.50 3.82 0.00	77.41 4.31 0.00	89.95 4.85 0.00	84.74 4.49 0.00	77.03 4.08 0.00	67.47 3.46 0.00	60.77 3.28 0.00	53.76 2.85 0.00	48.18 2.47 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.13 2.48 0.00	46.20 2.24 0.00	45.01 2.22 0.00	44.70 2.21 0.00	45.27 2.16 0.00	48.75 2.28 0.00	71.50 3.53 0.00	90.37 4.14 0.00	81.48 3.81 0.00	70.45 2.97 0.00	66.46 2.80 0.00	65.02 2.86 0.00	63.16 2.72 0.00	64.69 2.85 0.00	64.83 2.73 0.00	67.66 2.98 0.00	76.53 3.44 0.00	89.01 3.91 0.00	83.93 3.69 0.00	76.30 3.36 0.00	66.96 2.94 0.00	60.31 2.82 0.00	53.30 2.39 0.00	47.81 2.10 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.99 3.34 0.00	46.90 2.95 0.00	45.78 2.99 0.00	45.38 2.89 0.00	45.87 2.76 0.00	49.36 2.88 0.00	71.77 3.81 0.00	90.54 4.31 0.00	81.87 4.19 0.00	70.99 3.51 0.00	67.16 3.50 0.00	65.83 3.67 0.00	64.07 3.63 0.00	65.62 3.77 0.00	65.88 3.79 0.00	68.50 3.82 0.00	77.26 4.17 0.00	89.61 4.51 0.00	84.42 4.17 0.00	76.74 3.79 0.00	67.34 3.33 0.00	60.88 3.39 0.00	54.12 3.21 0.00	48.50 2.79 0.00

E179THST_13_KV_LOAD 356214	51.23 3.57 0.00	47.08 3.12 0.00	45.95 3.17 0.00	45.51 3.02 0.00	46.04 2.93 0.00	49.54 3.07 0.00	72.04 4.08 0.00	90.97 4.74 0.00	82.25 4.58 0.00	71.26 3.78 0.00	67.48 3.82 0.00	66.14 3.98 0.00	64.31 3.87 0.00	65.93 4.08 0.00	66.13 4.04 0.00	68.83 4.14 0.00	77.63 4.53 0.00	90.12 5.02 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.17 3.68 0.00	54.32 3.41 0.00	48.68 2.97 0.00
EAST HAMPTON___GT 23717	51.61 3.95 0.00	47.16 3.21 0.00	45.87 3.08 0.00	45.55 3.06 0.00	46.17 3.06 0.00	50.38 3.90 0.00	73.60 5.64 0.00	91.32 5.09 0.00	82.65 4.98 0.00	71.39 3.91 0.00	67.67 4.01 0.00	66.33 4.17 0.00	65.22 4.77 -0.01	66.87 5.01 -0.01	67.32 5.22 -0.01	70.00 5.31 -0.01	79.94 5.85 -0.99	91.66 6.55 -0.01	86.51 6.26 -0.01	79.38 5.84 -0.60	68.89 4.86 -0.01	62.22 4.72 -0.01	54.37 3.46 0.00	49.00 3.29 0.00
EAST RIVER___6 23660	50.80 3.14 0.00	46.68 2.73 0.00	45.56 2.78 0.00	45.22 2.72 0.00	45.74 2.63 0.00	49.22 2.74 0.00	72.18 4.22 0.00	91.14 4.91 0.00	82.49 4.82 0.00	71.39 3.91 0.00	67.54 3.88 0.00	66.15 3.98 0.00	64.31 3.87 0.00	65.93 4.08 0.00	66.26 4.16 0.00	68.83 4.14 0.00	77.78 4.68 0.00	90.38 5.28 0.00	85.06 4.81 0.00	77.32 4.38 0.00	67.60 3.58 0.00	60.88 3.39 0.00	54.12 3.21 0.00	48.45 2.74 0.00
EAST RIVER___7 23524	50.80 3.14 0.00	46.68 2.73 0.00	45.56 2.78 0.00	45.22 2.72 0.00	45.74 2.63 0.00	49.22 2.74 0.00	72.18 4.22 0.00	91.14 4.91 0.00	82.49 4.82 0.00	71.39 3.91 0.00	67.54 3.88 0.00	66.15 3.98 0.00	64.31 3.87 0.00	65.93 4.08 0.00	66.26 4.16 0.00	68.83 4.14 0.00	77.78 4.68 0.00	90.38 5.28 0.00	85.06 4.81 0.00	77.32 4.38 0.00	67.60 3.58 0.00	60.88 3.39 0.00	54.12 3.21 0.00	48.45 2.74 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.42 2.76 0.00	46.42 2.46 0.00	45.22 2.44 0.00	44.87 2.38 0.00	45.44 2.33 0.00	48.99 2.51 0.00	71.77 3.81 0.00	90.63 4.40 0.00	81.87 4.19 0.00	70.85 3.37 0.00	66.91 3.25 0.00	65.52 3.36 0.00	63.70 3.26 0.00	65.31 3.46 0.00	65.51 3.42 0.00	68.25 3.56 0.00	77.12 4.02 0.00	89.61 4.51 0.00	84.50 4.25 0.00	76.74 3.79 0.00	67.22 3.20 0.00	60.54 3.05 0.00	53.61 2.70 0.00	48.00 2.29 0.00
EAST_HAMPTON___DIESEL 23722	51.51 3.86 0.00	47.08 3.12 0.00	45.78 2.99 0.00	45.42 2.93 0.00	46.08 2.97 0.00	50.29 3.81 0.00	73.40 5.44 0.00	91.06 4.83 0.00	82.41 4.74 0.00	71.19 3.71 0.00	67.48 3.82 0.00	66.20 4.04 0.00	65.04 4.59 -0.01	66.74 4.88 -0.01	67.13 5.03 -0.01	69.81 5.11 -0.01	79.72 5.63 -0.99	91.40 6.30 -0.01	86.27 6.02 -0.01	79.16 5.62 -0.60	68.76 4.74 -0.01	62.04 4.54 -0.01	54.22 3.31 0.00	48.91 3.20 0.00
EAST_POINT___SOLAR 323840	49.08 1.43 0.00	45.32 1.36 0.00	44.15 1.37 0.00	43.98 1.49 0.00	44.45 1.34 0.00	48.34 1.86 0.00	70.88 2.92 0.00	89.85 3.62 0.00	79.53 1.86 0.00	68.08 0.61 0.00	64.23 0.57 0.00	62.85 0.69 0.00	60.98 0.54 0.00	62.72 0.87 0.00	63.40 1.31 0.00	66.63 1.94 0.00	75.29 2.19 0.00	88.25 3.15 0.00	83.29 3.05 0.00	75.50 2.55 0.00	66.12 2.11 0.00	59.45 1.96 0.00	52.64 1.73 0.00	46.99 1.28 0.00
EAST_PULASKI___ESR 323781	46.47 -1.19 0.00	42.86 -1.10 0.00	41.59 -1.20 0.00	41.26 -1.23 0.00	41.86 -1.25 0.00	45.08 -1.39 0.00	66.13 -1.83 0.00	84.16 -2.07 0.00	75.50 -2.17 0.00	65.59 -1.89 0.00	61.95 -1.72 0.00	60.36 -1.80 0.00	58.87 -1.57 0.00	60.05 -1.80 0.00	60.23 -1.86 0.00	62.81 -1.88 0.00	70.97 -2.12 0.00	82.89 -2.21 0.00	78.24 -2.00 0.00	71.13 -1.82 0.00	62.35 -1.66 0.00	55.77 -1.72 0.00	49.38 -1.53 0.00	44.43 -1.28 0.00
EAST_RIVER___1 323558	50.85 3.19 0.00	46.73 2.77 0.00	45.61 2.82 0.00	45.25 2.76 0.00	45.78 2.67 0.00	49.36 2.88 0.00	72.32 4.35 0.00	91.32 5.09 0.00	82.57 4.90 0.00	71.46 3.98 0.00	67.54 3.88 0.00	66.15 3.98 0.00	64.31 3.87 0.00	65.93 4.08 0.00	66.26 4.16 0.00	68.83 4.14 0.00	77.78 4.68 0.00	90.38 5.28 0.00	85.14 4.90 0.00	77.32 4.38 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.12 3.21 0.00	48.45 2.74 0.00
EAST_RIVER___2 323559	50.80 3.14 0.00	46.68 2.73 0.00	45.56 2.78 0.00	45.22 2.72 0.00	45.74 2.63 0.00	49.22 2.74 0.00	72.18 4.22 0.00	91.14 4.91 0.00	82.49 4.82 0.00	71.39 3.91 0.00	67.54 3.88 0.00	66.15 3.98 0.00	64.31 3.87 0.00	65.93 4.08 0.00	66.26 4.16 0.00	68.83 4.14 0.00	77.78 4.68 0.00	90.38 5.28 0.00	85.06 4.81 0.00	77.32 4.38 0.00	67.60 3.58 0.00	60.88 3.39 0.00	54.12 3.21 0.00	48.45 2.74 0.00
EAST___DELAWARE_HYD 23607	50.04 2.38 0.00	46.07 2.11 0.00	44.92 2.14 0.00	44.58 2.08 0.00	45.18 2.07 0.00	48.66 2.18 0.00	71.50 3.53 0.00	90.54 4.31 0.00	81.40 3.73 0.00	70.25 2.77 0.00	66.21 2.55 0.00	64.72 2.55 0.00	62.92 2.48 0.00	64.45 2.60 0.00	64.70 2.61 0.00	67.53 2.84 0.00	76.60 3.51 0.00	89.27 4.17 0.00	84.17 3.93 0.00	76.45 3.50 0.00	66.96 2.95 0.00	60.25 2.76 0.00	53.20 2.29 0.00	47.77 2.06 0.00
EIGHT_POINT___WT_PWR 323820	43.37 -4.29 0.00	39.74 -4.22 0.00	38.55 -4.24 0.00	38.07 -4.42 0.00	38.67 -4.44 0.00	41.55 -4.93 0.00	61.57 -6.39 0.00	78.73 -7.50 0.00	70.68 -6.99 0.00	61.41 -6.07 0.00	58.06 -5.60 0.00	55.70 -6.47 0.00	54.27 -6.17 0.00	54.80 -7.05 0.00	55.33 -6.77 0.00	58.54 -6.15 0.00	66.01 -7.09 0.00	78.04 -7.06 0.00	74.55 -5.70 0.00	67.33 -5.62 0.00	58.57 -5.44 0.00	52.15 -5.35 0.00	46.12 -4.79 0.00	41.41 -4.30 0.00
ELBRIDGE_115KV_TB2 80188	46.66 -1.00 0.00	43.08 -0.88 0.00	41.84 -0.94 0.00	41.52 -0.98 0.00	42.16 -0.95 0.00	45.41 -1.07 0.00	66.54 -1.43 0.00	84.59 -1.64 0.00	76.04 -1.63 0.00	66.13 -1.35 0.00	62.39 -1.27 0.00	60.80 -1.37 0.00	59.11 -1.33 0.00	60.37 -1.48 0.00	60.60 -1.49 0.00	63.26 -1.42 0.00	71.49 -1.61 0.00	83.40 -1.70 0.00	78.72 -1.52 0.00	71.56 -1.39 0.00	62.67 -1.34 0.00	56.00 -1.49 0.00	49.64 -1.27 0.00	44.61 -1.10 0.00
ELEC_TRO_TEK 24086	51.28 3.62 0.00	47.08 3.12 0.00	45.78 2.99 0.00	45.43 2.93 0.00	46.00 2.89 0.00	49.92 3.44 0.00	73.33 5.37 0.00	91.58 5.35 0.00	83.34 5.67 0.00	72.00 4.52 0.00	68.05 4.39 0.00	66.83 4.66 0.00	65.05 4.59 -0.02	66.57 4.70 -0.02	66.83 4.72 -0.02	69.49 4.79 -0.02	78.30 5.19 -0.02	90.99 5.87 -0.02	85.88 5.62 -0.02	78.07 5.11 -0.02	68.64 4.61 -0.02	61.88 4.37 -0.02	54.58 3.67 0.00	48.77 3.06 0.00
ELLENBURG_WT_PWR 323604	46.94 -0.71 0.00	43.30 -0.66 0.00	42.23 -0.56 0.00	42.15 -0.34 0.00	42.94 -0.17 0.00	46.43 -0.05 0.00	67.96 0.00 0.00	86.32 0.09 0.00	77.75 0.08 0.00	67.55 0.07 0.00	63.98 0.32 0.00	62.41 0.25 0.00	60.87 0.43 0.00	62.16 0.31 0.00	62.28 0.19 0.00	64.69 0.00 0.00	73.10 0.00 0.00	85.10 0.00 0.00	80.08 -0.16 0.00	72.87 -0.07 0.00	64.27 0.26 0.00	58.18 0.69 0.00	51.32 0.41 0.00	46.03 0.32 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.84 -3.81 0.00	40.70 -3.25 0.00	38.93 -3.85 0.00	38.63 -3.87 0.00	39.19 -3.92 0.00	42.01 -4.46 0.00	61.92 -6.05 0.00	78.81 -7.42 0.00	69.90 -7.77 0.00	61.68 -5.80 0.00	58.76 -4.90 0.00	56.51 -5.66 0.00	54.94 -5.50 0.00	55.23 -6.62 0.00	55.39 -6.71 0.00	58.15 -6.53 0.00	65.57 -7.53 0.00	77.18 -7.91 0.00	73.58 -6.66 0.00	66.31 -6.64 0.00	57.87 -6.15 0.00	51.11 -6.38 0.00	45.72 -5.19 0.00	41.46 -4.25 0.00
EMPIRE_CC_1 323656	49.08 1.43 0.00	45.27 1.32 0.00	44.11 1.33 0.00	43.85 1.36 0.00	44.36 1.25 0.00	47.82 1.35 0.00	68.92 0.95 0.00	87.53 1.30 0.00	78.84 1.17 0.00	68.55 1.08 0.00	64.17 0.51 0.00	62.85 0.69 0.00	60.87 0.43 0.00	62.72 0.87 0.00	63.09 0.99 0.00	65.59 0.91 0.00	74.12 1.02 0.00	86.29 1.19 0.00	81.28 1.04 0.00	73.97 1.02 0.00	65.04 1.02 0.00	58.30 0.80 0.00	51.98 1.07 0.00	46.67 0.96 0.00
EMPIRE_CC_2 323658	49.08 1.43 0.00	45.27 1.32 0.00	44.11 1.33 0.00	43.85 1.36 0.00	44.36 1.25 0.00	47.82 1.35 0.00	68.92 0.95 0.00	87.53 1.30 0.00	78.84 1.17 0.00	68.55 1.08 0.00	64.17 0.51 0.00	62.85 0.69 0.00	60.87 0.43 0.00	62.72 0.87 0.00	63.09 0.99 0.00	65.59 0.91 0.00	74.12 1.02 0.00	86.29 1.19 0.00	81.28 1.04 0.00	73.97 1.02 0.00	65.04 1.02 0.00	58.30 0.80 0.00	51.98 1.07 0.00	46.67 0.96 0.00
ENORWICH_115KV_TB1 80156	49.90 2.24 0.00	46.07 2.11 0.00	44.62 1.84 0.00	44.24 1.74 0.00	44.96 1.85 0.00	48.61 2.14 0.00	71.91 3.94 0.00	92.09 5.86 0.00	82.18 4.50 0.00	71.05 3.58 0.00	67.16 3.50 0.00	65.27 3.11 0.00	63.64 3.20 0.00	64.51 2.66 0.00	64.89 2.79 0.00	68.05 3.36 0.00	76.97 3.87 0.00	90.55 5.45 0.00	85.62 5.38 0.00	77.54 4.60 0.00	67.86 3.84 0.00	59.85 2.36 0.00	52.95 2.04 0.00	47.49 1.78 0.00
ERIE_ST__34_KV_TB1-2 80199	44.18 -3.48 0.00	40.97 -2.99 0.00	39.19 -3.59 0.00	38.88 -3.61 0.00	39.45 -3.66 0.00	42.34 -4.14 0.00	62.60 -5.37 0.00	79.85 -6.38 0.00	70.60 -7.07 0.00	62.21 -5.26 0.00	59.33 -4.33 0.00	56.94 -5.22 0.00	55.42 -5.02 0.00	55.66 -6.18 0.00	55.82 -6.27 0.00	58.74 -5.95 0.00	66.08 -7.02 0.00	78.04 -7.06 0.00	74.46 -5.78 0.00	67.11 -5.84 0.00	58.45 -5.57 0.00	51.57 -5.92 0.00	46.07 -4.84 0.00	41.73 -3.98 0.00
ERIE_WT_PWR 323693	44.13 -3.53 0.00	40.53 -3.43 0.00	39.28 -3.51 0.00	38.84 -3.65 0.00	39.36 -3.75 0.00	42.34 -4.14 0.00	62.32 -5.64 0.00	79.42 -6.81 0.00	70.37 -7.30 0.00	62.08 -5.40 0.00	59.14 -4.52 0.00	56.82 -5.35 0.00	55.30 -5.14 0.00	55.54 -6.31 0.00	55.76 -6.33 0.00	58.80 -5.89 0.00	66.01 -7.09 0.00	77.78 -7.32 0.00	74.14 -6.10 0.00	66.82 -6.13 0.00	58.25 -5.76 0.00	51.92 -5.58 0.00	46.12 -4.79 0.00	41.78 -3.93 0.00
ESPRGFLD_115KV_TB1 80157	48.13 0.48 0.00	44.40 0.44 0.00	43.25 0.47 0.00	42.96 0.47 0.00	43.54 0.43 0.00	47.13 0.65 0.00	69.32 1.36 0.00	88.04 1.81 0.00	78.68 1.01 0.00	67.88 0.40 0.00	64.17 0.51 0.00	62.60 0.44 0.00	60.92 0.48 0.00	62.22 0.37 0.00	62.65 0.56 0.00	65.66 0.97 0.00	74.05 0.95 0.00	86.46 1.36 0.00	81.61 1.36 0.00	74.04 1.09 0.00	64.91 0.90 0.00	58.18 0.69 0.00	51.42 0.51 0.00	46.08 0.37 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	47.94 0.29 0.00	44.22 0.26 0.00	42.91 0.13 0.00	42.58 0.08 0.00	43.24 0.13 0.00	46.57 0.09 0.00	68.58 0.61 0.00	87.35 1.12 0.00	78.37 0.70 0.00	67.88 0.40 0.00	63.98 0.32 0.00	62.29 0.12 0.00	60.56 0.12 0.00	61.79 -0.06 0.00	62.03 -0.06 0.00	64.95 0.26 0.00	73.46 0.37 0.00	85.95 0.85 0.00	81.37 1.12 0.00	73.82 0.88 0.00	64.65 0.64 0.00	57.61 0.11 0.00	51.01 0.10 0.00	45.80 0.09 0.00
ETNA____115KV_TB2 80207	47.94 0.29 0.00	44.22 0.26 0.00	42.91 0.13 0.00	42.58 0.08 0.00	43.24 0.13 0.00	46.57 0.09 0.00	68.58 0.61 0.00	87.35 1.12 0.00	78.37 0.70 0.00	67.88 0.40 0.00	63.98 0.32 0.00	62.29 0.12 0.00	60.56 0.12 0.00	61.79 -0.06 0.00	62.03 -0.06 0.00	64.95 0.26 0.00	73.46 0.37 0.00	85.95 0.85 0.00	81.37 1.12 0.00	73.82 0.88 0.00	64.65 0.64 0.00	57.61 0.11 0.00	51.01 0.10 0.00	45.80 0.09 0.00
EUCLID____115KV_TB2 356179	46.42 -1.24 0.00	42.86 -1.10 0.00	41.63 -1.16 0.00	41.30 -1.19 0.00	41.95 -1.16 0.00	45.17 -1.30 0.00	66.13 -1.84 0.00	83.99 -2.24 0.00	75.57 -2.10 0.00	65.79 -1.69 0.00	62.07 -1.59 0.00	60.55 -1.62 0.00	58.87 -1.57 0.00	60.12 -1.73 0.00	60.29 -1.80 0.00	62.94 -1.75 0.00	71.12 -1.97 0.00	82.89 -2.21 0.00	78.24 -2.01 0.00	71.05 -1.90 0.00	62.29 -1.73 0.00	55.71 -1.78 0.00	49.43 -1.48 0.00	44.43 -1.28 0.00
E_CANADA_CAP_HY 24051	48.04 0.38 0.00	44.35 0.39 0.00	43.21 0.43 0.00	43.01 0.51 0.00	43.50 0.39 0.00	47.22 0.74 0.00	69.12 1.15 0.00	87.61 1.38 0.00	77.91 0.23 0.00	66.94 -0.54 0.00	63.15 -0.51 0.00	61.73 -0.43 0.00	59.95 -0.49 0.00	61.54 -0.31 0.00	62.16 0.06 0.00	65.20 0.52 0.00	73.39 0.29 0.00	85.86 0.76 0.00	81.04 0.80 0.00	73.53 0.58 0.00	64.40 0.39 0.00	58.13 0.63 0.00	51.47 0.56 0.00	45.99 0.28 0.00
E_CANADA_MHWK_HY 24050	50.56 2.91 0.00	46.68 2.73 0.00	45.44 2.65 0.00	45.13 2.64 0.00	45.83 2.72 0.00	49.45 2.98 0.00	72.18 4.22 0.00	91.67 5.44 0.00	82.33 4.66 0.00	71.59 4.12 0.00	67.80 4.14 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.56 3.71 0.00	65.88 3.79 0.00	68.57 3.88 0.00	77.41 4.31 0.00	90.03 4.93 0.00	84.89 4.65 0.00	77.03 4.08 0.00	67.53 3.52 0.00	60.59 3.10 0.00	53.71 2.80 0.00	48.18 2.47 0.00
E_FISHKILL__LBMP 23776	50.04 2.38 0.00	46.07 2.11 0.00	44.97 2.18 0.00	44.62 2.12 0.00	45.14 2.03 0.00	48.66 2.18 0.00	71.23 3.26 0.00	89.94 3.71 0.00	81.24 3.57 0.00	70.31 2.83 0.00	66.40 2.74 0.00	64.96 2.80 0.00	63.16 2.72 0.00	64.76 2.91 0.00	65.01 2.92 0.00	67.73 3.04 0.00	76.46 3.36 0.00	88.84 3.74 0.00	83.77 3.53 0.00	76.16 3.21 0.00	66.77 2.75 0.00	60.14 2.64 0.00	53.20 2.29 0.00	47.68 1.97 0.00
FALCON__SEABRD_CC1 323796	46.85 -0.81 0.00	43.17 -0.79 0.00	42.14 -0.64 0.00	42.07 -0.42 0.00	42.90 -0.21 0.00	46.43 -0.05 0.00	67.63 -0.34 0.00	85.80 -0.43 0.00	77.44 -0.23 0.00	67.21 -0.27 0.00	63.98 0.32 0.00	62.48 0.31 0.00	60.92 0.48 0.00	62.22 0.37 0.00	62.22 0.12 0.00	64.37 -0.32 0.00	72.66 -0.44 0.00	84.59 -0.51 0.00	79.68 -0.56 0.00	72.51 -0.44 0.00	64.21 0.19 0.00	58.58 1.09 0.00	51.68 0.76 0.00	46.30 0.59 0.00
FALCON__SEABRD_CC2 323797	46.85 -0.81 0.00	43.17 -0.79 0.00	42.14 -0.64 0.00	42.07 -0.42 0.00	42.90 -0.21 0.00	46.43 -0.05 0.00	67.63 -0.34 0.00	85.80 -0.43 0.00	77.44 -0.23 0.00	67.21 -0.27 0.00	63.98 0.32 0.00	62.48 0.31 0.00	60.92 0.48 0.00	62.22 0.37 0.00	62.22 0.12 0.00	64.37 -0.32 0.00	72.66 -0.44 0.00	84.59 -0.51 0.00	79.68 -0.56 0.00	72.51 -0.44 0.00	64.21 0.19 0.00	58.58 1.09 0.00	51.68 0.76 0.00	46.30 0.59 0.00

FAR ROCKAWAY___4 23548	52.33 4.67 0.00	48.00 4.04 0.00	46.63 3.85 0.00	46.23 3.74 0.00	46.86 3.75 0.00	50.89 4.42 0.00	74.76 6.80 0.00	93.47 7.24 0.00	84.90 7.22 0.00	73.42 5.94 0.00	69.52 5.86 0.00	68.20 6.03 0.00	66.44 5.98 -0.01	67.99 6.12 -0.01	68.19 6.09 -0.01	71.04 6.34 -0.01	80.20 7.09 -0.01	93.20 8.08 -0.01	87.96 7.70 -0.01	79.96 7.00 -0.01	70.11 6.08 -0.01	63.14 5.63 -0.01	55.64 4.73 0.00	49.73 4.02 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.90 3.24 0.00	46.81 2.86 0.00	45.61 2.82 0.00	45.26 2.76 0.00	45.78 2.67 0.00	49.40 2.93 0.00	72.31 4.35 0.00	91.32 5.09 0.00	82.57 4.89 0.00	71.46 3.98 0.00	67.54 3.88 0.00	66.14 3.98 0.00	64.37 3.93 0.00	65.93 4.08 0.00	66.19 4.10 0.00	68.89 4.20 0.00	77.77 4.68 0.00	90.37 5.28 0.00	85.14 4.89 0.00	77.40 4.45 0.00	67.73 3.71 0.00	61.06 3.56 0.00	54.12 3.21 0.00	48.45 2.74 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.90 3.24 0.00	46.81 2.86 0.00	45.65 2.87 0.00	45.26 2.76 0.00	45.78 2.67 0.00	49.40 2.93 0.00	72.38 4.42 0.00	91.32 5.09 0.00	82.57 4.89 0.00	71.46 3.98 0.00	67.54 3.88 0.00	66.14 3.98 0.00	64.37 3.93 0.00	65.93 4.08 0.00	66.19 4.10 0.00	68.89 4.20 0.00	77.77 4.68 0.00	90.37 5.28 0.00	85.14 4.89 0.00	77.40 4.45 0.00	67.73 3.71 0.00	61.06 3.56 0.00	54.12 3.21 0.00	48.45 2.74 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.85 3.19 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.26 2.76 0.00	45.78 2.67 0.00	49.36 2.88 0.00	72.31 4.35 0.00	91.23 5.00 0.00	82.49 4.82 0.00	71.46 3.98 0.00	67.54 3.88 0.00	66.14 3.98 0.00	64.31 3.87 0.00	65.93 4.08 0.00	66.13 4.04 0.00	68.89 4.20 0.00	77.77 4.68 0.00	90.29 5.19 0.00	85.06 4.81 0.00	77.32 4.38 0.00	67.73 3.71 0.00	61.06 3.56 0.00	54.07 3.16 0.00	48.41 2.70 0.00
FARRAGUT___LBMP 323566	50.85 3.19 0.00	46.77 2.81 0.00	45.56 2.78 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.36 2.88 0.00	72.25 4.28 0.00	91.23 5.00 0.00	82.49 4.82 0.00	71.39 3.91 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.83 4.14 0.00	77.70 4.61 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.41 2.70 0.00
FENNER___WINDPWR 24204	48.32 0.67 0.00	44.57 0.62 0.00	43.30 0.52 0.00	42.92 0.42 0.00	43.63 0.52 0.00	47.08 0.60 0.00	69.05 1.08 0.00	88.04 1.81 0.00	79.07 1.40 0.00	68.49 1.01 0.00	64.62 0.96 0.00	62.97 0.81 0.00	61.29 0.85 0.00	62.59 0.74 0.00	62.84 0.75 0.00	65.66 0.97 0.00	74.19 1.10 0.00	86.54 1.45 0.00	81.61 1.36 0.00	74.11 1.16 0.00	64.98 0.96 0.00	58.07 0.57 0.00	51.42 0.51 0.00	46.17 0.46 0.00
FIBERTEK___ENERGY 23856	46.94 -0.71 0.00	43.34 -0.62 0.00	42.06 -0.73 0.00	41.73 -0.76 0.00	42.38 -0.73 0.00	45.64 -0.84 0.00	66.88 -1.09 0.00	85.11 -1.12 0.00	76.51 -1.17 0.00	66.53 -0.94 0.00	62.77 -0.89 0.00	61.23 -0.93 0.00	59.53 -0.91 0.00	60.80 -1.05 0.00	61.04 -1.06 0.00	63.72 -0.97 0.00	71.93 -1.17 0.00	83.91 -1.19 0.00	79.20 -1.04 0.00	71.92 -1.02 0.00	62.99 -1.02 0.00	56.34 -1.15 0.00	49.94 -0.97 0.00	44.89 -0.82 0.00
FITZPATRICK___ 23598	45.75 -1.91 0.00	42.24 -1.72 0.00	41.07 -1.71 0.00	40.75 -1.74 0.00	41.38 -1.73 0.00	44.57 -1.91 0.00	65.17 -2.79 0.00	82.78 -3.45 0.00	74.48 -3.19 0.00	64.78 -2.70 0.00	61.11 -2.55 0.00	59.61 -2.55 0.00	57.96 -2.48 0.00	59.25 -2.60 0.00	59.49 -2.61 0.00	62.03 -2.65 0.00	70.10 -3.00 0.00	81.78 -3.32 0.00	77.11 -3.13 0.00	70.10 -2.85 0.00	61.39 -2.63 0.00	55.02 -2.47 0.00	48.77 -2.14 0.00	43.83 -1.88 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.52 2.86 0.00	46.51 2.55 0.00	45.35 2.57 0.00	45.00 2.51 0.00	45.57 2.46 0.00	49.08 2.60 0.00	72.04 4.08 0.00	91.06 4.83 0.00	82.02 4.35 0.00	70.92 3.44 0.00	66.91 3.25 0.00	65.46 3.29 0.00	63.52 3.08 0.00	65.00 3.15 0.00	65.08 2.98 0.00	67.92 3.23 0.00	76.90 3.80 0.00	89.44 4.34 0.00	84.33 4.09 0.00	76.52 3.57 0.00	67.28 3.26 0.00	60.71 3.22 0.00	53.66 2.75 0.00	48.13 2.42 0.00
FORT ORANGE___ 23900	49.18 1.52 0.00	45.41 1.45 0.00	44.24 1.46 0.00	43.98 1.49 0.00	44.49 1.38 0.00	47.96 1.49 0.00	69.25 1.29 0.00	87.70 1.46 0.00	78.99 1.32 0.00	68.55 1.08 0.00	64.30 0.64 0.00	62.85 0.69 0.00	60.92 0.48 0.00	62.65 0.80 0.00	63.09 0.99 0.00	65.66 0.97 0.00	74.34 1.24 0.00	86.29 1.19 0.00	81.37 1.12 0.00	73.97 1.02 0.00	65.17 1.15 0.00	58.53 1.04 0.00	52.29 1.38 0.00	46.90 1.19 0.00
FORT_DRUM_COGEN 23780	47.94 0.29 0.00	44.18 0.22 0.00	42.57 -0.21 0.00	42.24 -0.25 0.00	42.94 -0.17 0.00	46.38 -0.09 0.00	68.37 0.41 0.00	87.52 1.29 0.00	78.06 0.39 0.00	67.28 -0.20 0.00	63.47 -0.19 0.00	61.98 -0.19 0.00	60.86 0.42 0.00	61.79 -0.06 0.00	61.97 -0.12 0.00	64.43 -0.26 0.00	73.02 -0.07 0.00	85.69 0.60 0.00	80.72 0.48 0.00	73.31 0.36 0.00	64.46 0.45 0.00	57.61 0.11 0.00	50.91 0.00 0.00	45.66 -0.05 0.00
FOX_HILLS___ESR 323835	51.48 3.81 -0.01	47.35 3.38 -0.01	46.17 3.38 -0.01	45.82 3.31 -0.01	46.35 3.23 -0.01	49.92 3.44 0.00	71.97 4.01 0.00	90.63 4.40 0.00	81.79 4.12 0.00	70.85 3.37 0.00	67.04 3.37 0.00	65.71 3.54 0.00	63.94 3.51 0.00	65.50 3.65 0.00	65.76 3.66 0.00	68.50 3.82 0.00	77.26 4.17 0.00	89.69 4.60 0.00	84.58 4.33 0.00	76.89 3.94 0.00	67.41 3.39 0.00	61.11 3.62 0.00	54.74 3.82 -0.01	49.01 3.29 -0.01
FPL_FAR_ROCK_GT1 24212	52.33 4.67 0.00	47.92 3.96 0.00	46.64 3.85 0.00	46.23 3.74 0.00	46.86 3.75 0.00	50.89 4.42 0.00	74.83 6.86 0.00	93.38 7.15 0.00	84.90 7.22 0.00	73.42 5.94 0.00	69.51 5.85 0.00	68.19 6.03 0.00	66.44 5.98 -0.01	67.99 6.12 -0.01	68.32 6.21 -0.01	71.04 6.34 -0.01	80.20 7.09 -0.01	93.20 8.09 -0.01	87.96 7.70 -0.01	79.96 7.00 -0.01	70.11 6.08 -0.01	63.14 5.64 -0.01	55.65 4.74 0.00	49.78 4.07 0.00
FPL_FAR_ROCK_GT2 23815	52.33 4.67 0.00	47.92 3.96 0.00	46.64 3.85 0.00	46.23 3.74 0.00	46.86 3.75 0.00	50.89 4.42 0.00	74.83 6.86 0.00	93.38 7.15 0.00	84.90 7.22 0.00	73.42 5.94 0.00	69.51 5.85 0.00	68.19 6.03 0.00	66.44 5.98 -0.01	67.99 6.12 -0.01	68.32 6.21 -0.01	71.04 6.34 -0.01	80.20 7.09 -0.01	93.20 8.09 -0.01	87.96 7.70 -0.01	79.96 7.00 -0.01	70.11 6.08 -0.01	63.14 5.64 -0.01	55.65 4.74 0.00	49.78 4.07 0.00
FRANKLIN_FALL_HYD 24054	47.66 0.00 0.00	43.87 -0.09 0.00	42.74 -0.04 0.00	42.66 0.17 0.00	43.45 0.34 0.00	47.13 0.65 0.00	69.19 1.22 0.00	87.87 1.64 0.00	79.23 1.55 0.00	68.76 1.28 0.00	65.00 1.34 0.00	63.35 1.18 0.00	61.83 1.39 0.00	63.09 1.24 0.00	63.21 1.12 0.00	65.53 0.84 0.00	73.83 0.73 0.00	86.03 0.94 0.00	81.04 0.80 0.00	73.82 0.88 0.00	65.04 1.02 0.00	59.04 1.55 0.00	52.03 1.12 0.00	46.62 0.91 0.00

FREEPORT_EQUS_GT1 23764	51.66 4.00 0.00	47.30 3.34 0.00	46.03 3.25 0.00	45.68 3.19 0.00	46.30 3.19 0.00	50.29 3.81 0.00	73.95 5.98 0.00	92.26 6.03 0.00	83.96 6.29 0.00	72.54 5.06 0.00	68.56 4.90 0.00	67.26 5.10 0.00	65.59 5.13 -0.01	67.12 5.25 -0.01	67.45 5.34 -0.01	70.07 5.37 -0.01	79.10 6.00 -0.01	92.00 6.89 -0.01	86.84 6.58 -0.01	78.94 5.98 -0.01	69.28 5.25 -0.01	62.45 4.95 -0.01	55.03 4.12 0.00	49.18 3.47 0.00
FREEPORT___CT2 23818	51.66 4.00 0.00	47.30 3.34 0.00	46.03 3.25 0.00	45.68 3.19 0.00	46.30 3.19 0.00	50.29 3.81 0.00	73.95 5.98 0.00	92.26 6.03 0.00	83.96 6.29 0.00	72.54 5.06 0.00	68.56 4.90 0.00	67.26 5.10 0.00	65.59 5.13 -0.01	67.12 5.25 -0.01	67.45 5.34 -0.01	70.07 5.37 -0.01	79.10 6.00 -0.01	92.00 6.89 -0.01	86.84 6.58 -0.01	78.94 5.98 -0.01	69.28 5.25 -0.01	62.45 4.95 -0.01	55.03 4.12 0.00	49.18 3.47 0.00
FRESHKLS_33_KV_LOAD 356253	51.67 4.00 -0.01	47.57 3.60 -0.01	46.39 3.59 -0.01	45.99 3.48 -0.01	46.52 3.41 -0.01	50.15 3.67 0.00	71.97 4.01 0.00	90.63 4.40 0.00	81.71 4.04 0.00	70.72 3.24 0.00	66.97 3.31 0.00	65.58 3.42 0.00	63.82 3.38 0.00	65.44 3.59 0.00	65.70 3.60 0.00	68.44 3.75 0.00	77.19 4.09 0.00	89.69 4.60 0.00	84.58 4.33 0.00	76.89 3.94 0.00	67.41 3.39 0.00	61.17 3.68 0.00	54.94 4.02 -0.01	49.19 3.47 -0.01
FULTON COGEN____ 23766	46.13 -1.52 0.00	42.59 -1.36 0.00	41.37 -1.41 0.00	41.09 -1.40 0.00	41.69 -1.42 0.00	44.94 -1.53 0.00	65.79 -2.17 0.00	83.64 -2.59 0.00	75.26 -2.41 0.00	65.45 -2.02 0.00	61.75 -1.91 0.00	60.24 -1.93 0.00	58.57 -1.87 0.00	59.81 -2.04 0.00	59.98 -2.11 0.00	62.62 -2.07 0.00	70.76 -2.34 0.00	82.55 -2.55 0.00	77.92 -2.33 0.00	70.76 -2.19 0.00	61.97 -2.05 0.00	55.42 -2.07 0.00	49.18 -1.73 0.00	44.20 -1.51 0.00
FULTON___LFGE 323630	49.04 1.38 0.00	45.27 1.32 0.00	44.11 1.33 0.00	43.89 1.40 0.00	44.40 1.29 0.00	48.20 1.72 0.00	70.61 2.65 0.00	89.51 3.28 0.00	79.61 1.94 0.00	68.42 0.94 0.00	64.30 0.64 0.00	62.85 0.69 0.00	60.98 0.54 0.00	62.72 0.87 0.00	63.34 1.24 0.00	66.50 1.81 0.00	75.14 2.04 0.00	87.90 2.80 0.00	82.97 2.73 0.00	75.28 2.33 0.00	65.93 1.92 0.00	59.28 1.78 0.00	52.54 1.63 0.00	46.94 1.23 0.00
G.F.CEMENT___DRP 24184	49.80 2.14 0.00	45.94 1.98 0.00	44.79 2.01 0.00	44.58 2.08 0.00	45.01 1.90 0.00	48.80 2.32 0.00	71.02 3.06 0.00	90.28 4.05 0.00	81.01 3.34 0.00	70.38 2.90 0.00	65.95 2.29 0.00	64.40 2.24 0.00	62.31 1.87 0.00	63.95 2.10 0.00	64.33 2.24 0.00	66.95 2.26 0.00	75.87 2.78 0.00	88.67 3.57 0.00	83.61 3.37 0.00	75.79 2.84 0.00	66.64 2.62 0.00	59.73 2.24 0.00	53.15 2.24 0.00	48.41 2.70 0.00
GARDENVILLE___LBMP 24039	43.80 -3.86 0.00	40.62 -3.34 0.00	38.85 -3.94 0.00	38.54 -3.95 0.00	39.06 -4.05 0.00	41.87 -4.60 0.00	61.78 -6.18 0.00	78.81 -7.42 0.00	69.90 -7.77 0.00	61.61 -5.87 0.00	58.63 -5.03 0.00	56.32 -5.84 0.00	54.82 -5.62 0.00	55.11 -6.74 0.00	55.33 -6.77 0.00	58.15 -6.53 0.00	65.49 -7.60 0.00	77.27 -7.83 0.00	73.66 -6.58 0.00	66.38 -6.57 0.00	57.87 -6.15 0.00	51.05 -6.44 0.00	45.67 -5.24 0.00	41.41 -4.30 0.00
GARDNVLA_35_KV_LD 355827	44.27 -3.38 0.00	41.06 -2.90 0.00	39.28 -3.51 0.00	38.97 -3.53 0.00	39.49 -3.62 0.00	42.39 -4.09 0.00	62.53 -5.44 0.00	79.76 -6.47 0.00	70.68 -6.99 0.00	62.35 -5.13 0.00	59.40 -4.27 0.00	57.07 -5.10 0.00	55.54 -4.90 0.00	55.79 -6.06 0.00	56.01 -6.09 0.00	58.80 -5.89 0.00	66.30 -6.80 0.00	78.12 -6.98 0.00	74.46 -5.78 0.00	67.11 -5.84 0.00	58.51 -5.51 0.00	51.63 -5.86 0.00	46.18 -4.73 0.00	41.87 -3.84 0.00
GELCKHM___115KV_LOAD 80723	46.61 -1.05 0.00	43.03 -0.92 0.00	41.80 -0.98 0.00	41.47 -1.02 0.00	42.12 -0.99 0.00	45.36 -1.12 0.00	66.40 -1.56 0.00	84.42 -1.81 0.00	75.96 -1.71 0.00	66.06 -1.42 0.00	62.32 -1.34 0.00	60.80 -1.37 0.00	59.11 -1.33 0.00	60.37 -1.48 0.00	60.60 -1.49 0.00	63.20 -1.49 0.00	71.41 -1.68 0.00	83.31 -1.79 0.00	78.64 -1.60 0.00	71.41 -1.53 0.00	62.54 -1.47 0.00	55.94 -1.55 0.00	49.64 -1.27 0.00	44.61 -1.10 0.00
GENERAL___MILLS 23808	44.08 -3.57 0.00	40.88 -3.08 0.00	39.10 -3.68 0.00	38.80 -3.70 0.00	39.36 -3.75 0.00	42.20 -4.28 0.00	62.26 -5.71 0.00	79.33 -6.90 0.00	70.29 -7.38 0.00	62.01 -5.47 0.00	59.08 -4.58 0.00	56.76 -5.41 0.00	55.24 -5.20 0.00	55.48 -6.37 0.00	55.70 -6.40 0.00	58.48 -6.21 0.00	65.93 -7.16 0.00	77.70 -7.40 0.00	74.06 -6.18 0.00	66.75 -6.20 0.00	58.19 -5.83 0.00	51.40 -6.09 0.00	45.97 -4.94 0.00	41.69 -4.02 0.00
GE_PLASTICS___DRP 24183	48.90 1.24 0.00	45.10 1.14 0.00	43.98 1.20 0.00	43.68 1.19 0.00	44.23 1.12 0.00	47.68 1.21 0.00	69.05 1.09 0.00	87.44 1.21 0.00	78.84 1.17 0.00	68.42 0.94 0.00	64.30 0.64 0.00	62.91 0.75 0.00	61.04 0.60 0.00	62.72 0.87 0.00	63.03 0.93 0.00	65.59 0.91 0.00	74.19 1.10 0.00	86.12 1.02 0.00	81.13 0.88 0.00	73.82 0.88 0.00	64.97 0.96 0.00	58.41 0.92 0.00	52.03 1.12 0.00	46.62 0.91 0.00
GILBOA___1 23756	48.89 1.24 0.00	45.23 1.28 0.00	44.07 1.28 0.00	43.73 1.23 0.00	44.32 1.21 0.00	47.59 1.11 0.00	69.46 1.49 0.00	88.04 1.81 0.00	79.31 1.63 0.00	68.83 1.35 0.00	64.81 1.15 0.00	63.41 1.24 0.00	61.58 1.15 0.00	63.15 1.30 0.00	63.46 1.36 0.00	66.05 1.36 0.00	74.63 1.54 0.00	86.54 1.45 0.00	81.52 1.28 0.00	74.26 1.31 0.00	65.29 1.28 0.00	58.64 1.15 0.00	52.03 1.12 0.00	46.67 0.96 0.00
GILBOA___2 23757	48.89 1.24 0.00	45.23 1.28 0.00	44.07 1.28 0.00	43.73 1.23 0.00	44.32 1.21 0.00	47.59 1.11 0.00	69.46 1.49 0.00	88.04 1.81 0.00	79.31 1.63 0.00	68.83 1.35 0.00	64.81 1.15 0.00	63.41 1.24 0.00	61.58 1.15 0.00	63.15 1.30 0.00	63.46 1.36 0.00	66.05 1.36 0.00	74.63 1.54 0.00	86.54 1.45 0.00	81.52 1.28 0.00	74.26 1.31 0.00	65.29 1.28 0.00	58.64 1.15 0.00	52.03 1.12 0.00	46.67 0.96 0.00
GILBOA___3 23758	48.89 1.24 0.00	45.23 1.28 0.00	44.07 1.28 0.00	43.73 1.23 0.00	44.32 1.21 0.00	47.59 1.11 0.00	69.46 1.49 0.00	88.04 1.81 0.00	79.31 1.63 0.00	68.83 1.35 0.00	64.81 1.15 0.00	63.41 1.24 0.00	61.58 1.15 0.00	63.15 1.30 0.00	63.46 1.36 0.00	66.05 1.36 0.00	74.63 1.54 0.00	86.54 1.45 0.00	81.52 1.28 0.00	74.26 1.31 0.00	65.29 1.28 0.00	58.64 1.15 0.00	52.03 1.12 0.00	46.67 0.96 0.00
GILBOA___4 23759	48.89 1.24 0.00	45.23 1.28 0.00	44.07 1.28 0.00	43.73 1.23 0.00	44.32 1.21 0.00	47.59 1.11 0.00	69.46 1.49 0.00	88.04 1.81 0.00	79.31 1.63 0.00	68.83 1.35 0.00	64.81 1.15 0.00	63.41 1.24 0.00	61.58 1.15 0.00	63.15 1.30 0.00	63.46 1.36 0.00	66.05 1.36 0.00	74.63 1.54 0.00	86.54 1.45 0.00	81.52 1.28 0.00	74.26 1.31 0.00	65.29 1.28 0.00	58.64 1.15 0.00	52.03 1.12 0.00	46.67 0.96 0.00

GILBOA____ 23599	48.90 1.24 0.00	45.06 1.10 0.00	44.07 1.28 0.00	43.73 1.23 0.00	44.32 1.21 0.00	47.59 1.12 0.00	69.46 1.50 0.00	88.04 1.81 0.00	79.30 1.63 0.00	68.83 1.35 0.00	64.81 1.15 0.00	63.41 1.24 0.00	61.59 1.15 0.00	63.15 1.30 0.00	63.40 1.30 0.00	66.05 1.36 0.00	74.63 1.54 0.00	86.55 1.45 0.00	81.53 1.28 0.00	74.26 1.31 0.00	65.29 1.28 0.00	58.70 1.21 0.00	52.03 1.12 0.00	46.67 0.96 0.00
GINNA____ 23603	43.37 -4.29 0.00	39.96 -4.00 0.00	38.89 -3.89 0.00	38.54 -3.95 0.00	39.19 -3.92 0.00	42.29 -4.18 0.00	62.19 -5.78 0.00	79.33 -6.90 0.00	70.91 -6.76 0.00	62.28 -5.19 0.00	58.95 -4.71 0.00	57.25 -4.91 0.00	55.55 -4.89 0.00	56.34 -5.50 0.00	56.57 -5.53 0.00	59.19 -5.50 0.00	66.74 -6.36 0.00	78.04 -7.06 0.00	73.58 -6.66 0.00	66.89 -6.05 0.00	58.38 -5.63 0.00	52.15 -5.35 0.00	46.02 -4.89 0.00	41.64 -4.07 0.00
GLEN PARK____ 23778	48.04 0.38 0.00	44.22 0.27 0.00	42.66 -0.13 0.00	42.28 -0.21 0.00	43.02 -0.09 0.00	46.48 0.00 0.00	68.57 0.61 0.00	87.78 1.55 0.00	78.22 0.55 0.00	67.34 -0.13 0.00	63.53 -0.13 0.00	61.98 -0.19 0.00	60.87 0.43 0.00	61.73 -0.12 0.00	61.97 -0.12 0.00	64.56 -0.13 0.00	73.17 0.07 0.00	85.95 0.85 0.00	81.04 0.80 0.00	73.60 0.66 0.00	64.72 0.71 0.00	57.78 0.29 0.00	51.01 0.10 0.00	45.76 0.05 0.00
GLENDALE_27_KV_LOAD 356172	51.23 3.57 0.00	47.12 3.16 0.00	45.95 3.17 0.00	45.55 3.06 0.00	46.08 2.97 0.00	49.73 3.25 0.00	72.38 4.42 0.00	91.32 5.09 0.00	82.64 4.97 0.00	71.59 4.12 0.00	67.74 4.07 0.00	66.39 4.23 0.00	64.55 4.11 0.00	66.18 4.33 0.00	66.38 4.28 0.00	69.09 4.40 0.00	77.92 4.82 0.00	90.46 5.36 0.00	85.22 4.98 0.00	77.40 4.45 0.00	67.92 3.90 0.00	61.34 3.85 0.00	54.52 3.61 0.00	48.82 3.11 0.00
GLENWOOD_IC_1_G5 23712	51.18 3.53 0.00	47.03 3.08 0.00	45.78 2.99 0.00	45.38 2.89 0.00	46.00 2.89 0.00	49.78 3.30 0.00	73.06 4.62 0.00	91.66 5.00 0.00	83.19 4.98 0.00	71.93 4.45 0.00	68.05 4.39 0.00	66.70 4.54 0.00	64.93 4.47 -0.02	66.50 4.64 -0.02	66.77 4.66 -0.02	69.49 4.79 -0.02	78.37 5.26 -0.02	91.07 5.96 -0.02	85.87 5.62 -0.02	78.07 5.11 -0.02	68.45 4.42 -0.02	61.70 4.20 -0.02	54.47 3.56 0.00	48.73 3.02 0.00
GLENWOOD_IC_2_G1 23688	50.90 3.24 0.00	46.73 2.77 0.00	45.52 2.74 0.00	45.22 2.72 0.00	45.74 2.63 0.00	49.50 3.02 0.00	72.59 4.62 0.00	91.23 5.00 0.00	82.65 4.98 0.00	71.53 4.05 0.00	67.54 3.88 0.00	66.20 4.04 0.00	64.43 3.99 0.00	65.99 4.14 0.00	66.32 4.22 0.00	68.89 4.20 0.00	77.78 4.68 0.00	90.38 5.28 0.00	85.22 4.98 0.00	77.47 4.52 0.00	67.92 3.91 0.00	61.23 3.73 0.00	54.12 3.21 0.00	48.45 2.74 0.00
GLENWOOD_IC_3_G1 23689	50.90 3.24 0.00	46.73 2.77 0.00	45.52 2.74 0.00	45.22 2.72 0.00	45.74 2.63 0.00	49.50 3.02 0.00	72.59 4.62 0.00	91.23 5.00 0.00	82.65 4.98 0.00	71.53 4.05 0.00	67.54 3.88 0.00	66.20 4.04 0.00	64.43 3.99 0.00	65.99 4.14 0.00	66.32 4.22 0.00	68.89 4.20 0.00	77.78 4.68 0.00	90.38 5.28 0.00	85.22 4.98 0.00	77.47 4.52 0.00	67.92 3.91 0.00	61.23 3.73 0.00	54.12 3.21 0.00	48.45 2.74 0.00
GLENWOOD____4 23550	51.18 3.53 0.00	47.03 3.08 0.00	45.78 2.99 0.00	45.38 2.89 0.00	46.00 2.89 0.00	49.78 3.30 0.00	73.06 4.62 0.00	91.66 5.00 0.00	83.19 4.98 0.00	71.93 4.45 0.00	68.05 4.39 0.00	66.70 4.54 0.00	64.93 4.47 -0.02	66.50 4.64 -0.02	66.77 4.66 -0.02	69.49 4.79 -0.02	78.37 5.26 -0.02	91.07 5.96 -0.02	85.87 5.62 -0.02	78.07 5.11 -0.02	68.45 4.42 -0.02	61.70 4.20 -0.02	54.47 3.56 0.00	48.73 3.02 0.00
GLENWOOD____5 23614	51.18 3.53 0.00	47.03 3.08 0.00	45.78 2.99 0.00	45.38 2.89 0.00	46.00 2.89 0.00	49.78 3.30 0.00	73.06 4.62 0.00	91.66 5.00 0.00	83.19 4.98 0.00	71.93 4.45 0.00	68.05 4.39 0.00	66.70 4.54 0.00	64.93 4.47 -0.02	66.50 4.64 -0.02	66.77 4.66 -0.02	69.49 4.79 -0.02	78.37 5.26 -0.02	91.07 5.96 -0.02	85.87 5.62 -0.02	78.07 5.11 -0.02	68.45 4.42 -0.02	61.70 4.20 -0.02	54.47 3.56 0.00	48.73 3.02 0.00
GLOBAL GREEN_PORT_GT1 23814	51.99 4.34 0.00	47.48 3.52 0.00	46.21 3.42 0.00	45.85 3.36 0.00	46.51 3.40 0.00	50.70 4.23 0.00	74.35 6.39 0.00	92.18 5.95 0.00	83.42 5.75 0.00	72.07 4.59 0.00	68.31 4.64 0.00	67.02 4.85 0.00	65.83 5.38 -0.01	67.54 5.69 -0.01	67.94 5.84 -0.01	70.71 6.02 -0.01	80.67 6.58 -0.99	92.51 7.40 -0.01	87.31 7.06 -0.01	80.18 6.64 -0.60	69.59 5.57 -0.01	62.85 5.35 -0.01	54.93 4.02 0.00	49.37 3.66 0.00
GLOBE____DSASP 323697	42.70 -4.96 0.00	39.65 -4.31 0.00	37.95 -4.83 0.00	37.69 -4.80 0.00	38.37 -4.74 0.00	40.85 -5.62 0.00	60.01 -7.95 0.00	76.31 -9.92 0.00	67.65 -10.02 0.00	59.99 -7.49 0.00	57.04 -6.62 0.00	54.89 -7.27 0.00	53.37 -7.07 0.00	53.62 -8.23 0.00	53.77 -8.32 0.00	56.41 -8.28 0.00	63.59 -9.50 0.00	74.72 -10.38 0.00	71.09 -9.15 0.00	64.27 -8.68 0.00	56.14 -7.87 0.00	49.62 -7.88 0.00	44.44 -6.47 0.00	40.41 -5.30 0.00
GOETHSLN____LBMP 323567	50.61 2.95 0.00	46.55 2.59 0.00	45.39 2.61 0.00	45.04 2.55 0.00	45.57 2.46 0.00	49.17 2.70 0.00	71.97 4.01 0.00	90.89 4.66 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.29 3.63 0.00	65.83 3.67 0.00	64.07 3.63 0.00	65.68 3.83 0.00	65.88 3.79 0.00	68.63 3.95 0.00	77.41 4.31 0.00	89.95 4.85 0.00	84.74 4.49 0.00	77.03 4.08 0.00	67.41 3.39 0.00	60.77 3.28 0.00	53.86 2.95 0.00	48.22 2.51 0.00
GOLAH____69_KV_TB 1_2 80279	45.27 -2.38 0.00	41.98 -1.98 0.00	40.43 -2.35 0.00	40.11 -2.38 0.00	40.78 -2.33 0.00	43.87 -2.60 0.00	64.50 -3.47 0.00	82.09 -4.14 0.00	73.09 -4.58 0.00	64.31 -3.17 0.00	60.99 -2.67 0.00	58.99 -3.17 0.00	57.24 -3.20 0.00	57.95 -3.90 0.00	58.06 -4.04 0.00	60.81 -3.88 0.00	68.64 -4.46 0.00	80.42 -4.68 0.00	76.15 -4.09 0.00	69.23 -3.72 0.00	60.37 -3.65 0.00	53.58 -3.91 0.00	47.65 -3.26 0.00	43.29 -2.42 0.00
GOODYEAR_LAKE_HYD 323669	48.80 1.14 0.00	45.01 1.05 0.00	43.85 1.07 0.00	43.51 1.02 0.00	44.14 1.03 0.00	47.64 1.16 0.00	69.94 1.97 0.00	88.90 2.67 0.00	79.85 2.17 0.00	69.17 1.69 0.00	65.38 1.72 0.00	63.78 1.62 0.00	62.07 1.63 0.00	63.33 1.48 0.00	63.65 1.55 0.00	66.50 1.81 0.00	75.07 1.97 0.00	87.48 2.38 0.00	82.49 2.25 0.00	74.92 1.97 0.00	65.74 1.73 0.00	58.81 1.32 0.00	52.03 1.12 0.00	46.62 0.91 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.37 -0.29 0.00	43.74 -0.22 0.00	42.44 -0.34 0.00	42.07 -0.42 0.00	42.72 -0.39 0.00	46.01 -0.46 0.00	67.62 -0.34 0.00	85.80 -0.43 0.00	77.05 -0.62 0.00	66.94 -0.54 0.00	63.22 -0.45 0.00	61.54 -0.62 0.00	59.84 -0.60 0.00	61.05 -0.80 0.00	61.23 -0.87 0.00	64.04 -0.65 0.00	72.29 -0.80 0.00	84.42 -0.68 0.00	79.92 -0.32 0.00	72.51 -0.44 0.00	63.50 -0.51 0.00	56.69 -0.80 0.00	50.25 -0.66 0.00	45.21 -0.50 0.00

GOUDEY___7 23579	47.37 -0.29 0.00	43.74 -0.22 0.00	42.44 -0.34 0.00	42.07 -0.42 0.00	42.72 -0.39 0.00	46.01 -0.46 0.00	67.62 -0.34 0.00	85.80 -0.43 0.00	77.05 -0.62 0.00	66.94 -0.54 0.00	63.22 -0.45 0.00	61.54 -0.62 0.00	59.84 -0.60 0.00	61.05 -0.80 0.00	61.23 -0.87 0.00	64.04 -0.65 0.00	72.29 -0.80 0.00	84.42 -0.68 0.00	79.92 -0.32 0.00	72.51 -0.44 0.00	63.50 -0.51 0.00	56.69 -0.80 0.00	50.25 -0.66 0.00	45.21 -0.50 0.00
GOUDEY___8 23580	47.37 -0.29 0.00	43.74 -0.22 0.00	42.44 -0.34 0.00	42.07 -0.42 0.00	42.72 -0.39 0.00	46.01 -0.46 0.00	67.62 -0.34 0.00	85.80 -0.43 0.00	77.05 -0.62 0.00	66.94 -0.54 0.00	63.22 -0.45 0.00	61.54 -0.62 0.00	59.84 -0.60 0.00	61.05 -0.80 0.00	61.23 -0.87 0.00	64.04 -0.65 0.00	72.29 -0.80 0.00	84.42 -0.68 0.00	79.92 -0.32 0.00	72.51 -0.44 0.00	63.50 -0.51 0.00	56.69 -0.80 0.00	50.25 -0.66 0.00	45.21 -0.50 0.00
GOWANUS_GT1_1 24077	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GOWANUS_GT1_2 24078	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GOWANUS_GT1_3 24079	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GOWANUS_GT1_4 24080	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GOWANUS_GT1_5 24084	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GOWANUS_GT1_6 24111	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00																		

GOWANUS_GT2_6 24119	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
GOWANUS_GT2_7 24120	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
GOWANUS_GT2_8 24121	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
GOWANUS_GT3_1 24122	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
GOWANUS_GT3_2 24123	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
GOWANUS_GT3_3 24124	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
GOWANUS_GT3_4 24125	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
GOWANUS_GT3_5 24126	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
GOWANUS_GT3_6 24127	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
GOWANUS_GT3_7 24128	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
GOWANUS_GT3_8 24129	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
GOWANUS_GT4_1 24130	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GOWANUS_GT4_2 24131	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GOWANUS_GT4_3 24132	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GOWANUS_GT4_4 24133	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01

GOWANUS_GT4_5 24134	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GOWANUS_GT4_6 24135	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GOWANUS_GT4_7 24136	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GOWANUS_GT4_8 24137	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GREATVRV_69_KV_BK1 356245	52.61 4.96 0.00	48.18 4.22 0.00	46.81 4.02 0.00	46.40 3.91 0.00	47.08 3.97 0.00	51.26 4.79 0.00	75.64 7.68 0.00	93.99 7.76 0.00	85.59 7.92 0.00	73.89 6.41 0.00	69.90 6.24 0.00	68.63 6.47 0.00	67.04 6.59 -0.01	68.66 6.80 -0.01	68.93 6.83 -0.01	71.81 7.12 -0.01	81.13 7.53 -0.51	93.96 8.85 -0.01	88.68 8.43 -0.01	80.40 7.15 -0.31	70.87 6.85 -0.01	63.88 6.38 -0.01	56.05 5.14 0.00	50.01 4.30 0.00
GREENBSH_115KV_TB3 55895	48.99 1.33 0.00	45.19 1.23 0.00	44.07 1.28 0.00	43.77 1.27 0.00	44.32 1.21 0.00	47.78 1.30 0.00	68.85 0.88 0.00	87.18 0.95 0.00	78.68 1.01 0.00	68.36 0.88 0.00	64.17 0.51 0.00	62.72 0.56 0.00	60.86 0.42 0.00	62.59 0.74 0.00	62.90 0.81 0.00	65.46 0.78 0.00	74.05 0.95 0.00	85.86 0.77 0.00	80.88 0.64 0.00	73.53 0.58 0.00	64.85 0.83 0.00	58.35 0.86 0.00	52.08 1.17 0.00	46.67 0.96 0.00
GREENDGE_115KV_TB5 80291	46.04 -1.62 0.00	42.51 -1.45 0.00	40.90 -1.88 0.00	40.50 -2.00 0.00	41.17 -1.94 0.00	44.34 -2.14 0.00	66.20 -1.77 0.00	84.42 -1.81 0.00	75.89 -1.79 0.00	65.79 -1.69 0.00	62.07 -1.59 0.00	59.74 -2.42 0.00	58.14 -2.30 0.00	58.88 -2.97 0.00	59.30 -2.79 0.00	62.49 -2.20 0.00	70.68 -2.41 0.00	83.40 -1.70 0.00	79.68 -0.56 0.00	71.92 -1.02 0.00	62.67 -1.34 0.00	55.31 -2.18 0.00	49.03 -1.88 0.00	44.06 -1.65 0.00
GREENIDGE___3 23582	46.04 -1.62 0.00	42.51 -1.45 0.00	40.90 -1.88 0.00	40.50 -2.00 0.00	41.17 -1.94 0.00	44.34 -2.14 0.00	66.20 -1.77 0.00	84.42 -1.81 0.00	75.89 -1.79 0.00	65.79 -1.69 0.00	62.07 -1.59 0.00	59.74 -2.42 0.00	58.14 -2.30 0.00	58.88 -2.97 0.00	59.30 -2.79 0.00	62.49 -2.20 0.00	70.68 -2.41 0.00	83.40 -1.70 0.00	79.68 -0.56 0.00	71.92 -1.02 0.00	62.67 -1.34 0.00	55.31 -2.18 0.00	49.03 -1.88 0.00	44.06 -1.65 0.00
GREENIDGE___4 23583	46.04 -1.62 0.00	42.24 -1.72 0.00	40.99 -1.80 0.00	40.50 -2.00 0.00	41.17 -1.94 0.00	44.39 -2.09 0.00	66.20 -1.77 0.00	84.42 -1.81 0.00	75.89 -1.78 0.00	65.79 -1.68 0.00	62.07 -1.59 0.00	59.74 -2.43 0.00	58.14 -2.30 0.00	58.88 -2.97 0.00	59.30 -2.79 0.00	62.61 -2.07 0.00	70.69 -2.41 0.00	83.40 -1.70 0.00	79.68 -0.56 0.00	71.92 -1.02 0.00	62.67 -1.35 0.00	55.54 -1.95 0.00	49.08 -1.83 0.00	44.11 -1.60 0.00
GREENLWN_69_KV_BK 3 55738	51.33 3.67 0.00	47.03 3.08 0.00	45.74 2.95 0.00	45.34 2.85 0.00	45.96 2.85 0.00	50.01 3.53 0.00	73.47 5.51 0.00	91.15 4.92 0.00	83.42 5.75 0.00	72.13 4.66 0.00	67.93 4.27 0.00	66.89 4.72 0.00	65.28 4.84 -0.01	66.81 4.95 -0.01	67.01 4.91 -0.01	69.55 4.85 -0.01	77.74 4.90 0.26	90.55 5.45 -0.01	85.47 5.22 -0.01	77.69 4.89 0.14	68.70 4.67 -0.01	62.10 4.60 -0.01	54.63 3.72 0.00	48.82 3.11 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01
GRISSOM___SOLAR 323813	49.23 1.57 0.00	45.45 1.50 0.00	44.28 1.50 0.00	44.07 1.57 0.00	44.53 1.42 0.00	48.34 1.86 0.00	70.75 2.79 0.00	89.77 3.54 0.00	79.84 2.17 0.00	68.62 1.15 0.00	64.49 0.83 0.00	62.97 0.81 0.00	61.17 0.73 0.00	62.90 1.05 0.00	63.52 1.43 0.00	66.63 1.94 0.00	75.36 2.27 0.00	88.16 3.06 0.00	83.13 2.88 0.00	75.43 2.48 0.00	66.12 2.11 0.00	59.39 1.89 0.00	52.64 1.73 0.00	47.08 1.37 0.00
GROVEVILLE___HYD 323602	50.52 2.86 0.00	46.51 2.55 0.00	45.35 2.57 0.00	45.00 2.51 0.00	45.57 2.46 0.00	49.08 2.60 0.00	72.04 4.08 0.00	91.06 4.83 0.00	82.02 4.35 0.00	70.92 3.44 0.00	66.91 3.25 0.00	65.46 3.29 0.00	63.52 3.08 0.00	65.00 3.15 0.00	65.08 2.98 0.00	67.92 3.23 0.00	76.90 3.80 0.00	89.44 4.34 0.00	84.33 4.09 0.00	76.52 3.57 0.00	67.28 3.26 0.00	60.71 3.22 0.00	53.66 2.75 0.00	48.13 2.42 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.94 -0.71 0.00	43.34 -0.62 0.00	42.06 -0.73 0.00	41.73 -0.76 0.00	42.38 -0.73 0.00	45.64 -0.84 0.00	66.88 -1.09 0.00	85.11 -1.12 0.00	76.51 -1.17 0.00	66.53 -0.94 0.00	62.77 -0.89 0.00	61.23 -0.93 0.00	59.53 -0.91 0.00	60.80 -1.05 0.00	61.04 -1.06 0.00	63.72 -0.97 0.00	71.93 -1.17 0.00	83.91 -1.19 0.00	79.20 -1.04 0.00	71.92 -1.02 0.00	62.99 -1.02 0.00	56.34 -1.15 0.00	49.94 -0.97 0.00	44.89 -0.82 0.00
HAMLTNNY_34_KV_TB 80303	46.89 -0.76 0.00	43.34 -0.62 0.00	42.06 -0.73 0.00	41.73 -0.76 0.00	42.38 -0.73 0.00	45.64 -0.84 0.00	66.94 -1.02 0.00	85.11 -1.12 0.00	76.51 -1.17 0.00	66.60 -0.88 0.00	62.83 -0.83 0.00	61.23 -0.93 0.00	59.53 -0.91 0.00	60.74 -1.11 0.00	60.98 -1.12 0.00	63.72 -0.97 0.00	71.93 -1.17 0.00	83.91 -1.19 0.00	79.28 -0.96 0.00	72.00 -0.95 0.00	63.05 -0.96 0.00	56.34 -1.15 0.00	49.94 -0.97 0.00	44.89 -0.82 0.00

HAMPSHIRE___PAPER_HYD 323593	47.90 0.24 0.00	44.09 0.13 0.00	42.57 -0.21 0.00	42.32 -0.17 0.00	43.02 -0.09 0.00	46.43 -0.05 0.00	68.31 0.34 0.00	86.92 0.69 0.00	78.06 0.39 0.00	67.55 0.07 0.00	63.92 0.26 0.00	62.35 0.19 0.00	61.29 0.85 0.00	62.41 0.56 0.00	62.34 0.25 0.00	64.49 -0.19 0.00	72.59 -0.51 0.00	84.68 -0.42 0.00	79.52 -0.72 0.00	72.51 -0.44 0.00	64.08 0.06 0.00	57.95 0.46 0.00	51.17 0.26 0.00	45.89 0.18 0.00
HARDSCRABBLE_WT_PWR 323673	49.90 2.24 0.00	46.02 2.07 0.00	44.84 2.05 0.00	44.53 2.04 0.00	45.22 2.11 0.00	48.80 2.32 0.00	71.29 3.33 0.00	90.45 4.22 0.00	81.32 3.65 0.00	70.72 3.24 0.00	66.91 3.24 0.00	65.27 3.11 0.00	63.46 3.02 0.00	64.76 2.91 0.00	65.08 2.98 0.00	67.73 3.04 0.00	76.46 3.36 0.00	88.93 3.83 0.00	83.86 3.61 0.00	76.08 3.13 0.00	66.64 2.63 0.00	59.79 2.30 0.00	52.95 2.04 0.00	47.49 1.78 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.23 2.57 0.00	46.29 2.33 0.00	45.09 2.31 0.00	44.75 2.25 0.00	45.31 2.20 0.00	48.85 2.37 0.00	71.70 3.74 0.00	90.63 4.40 0.00	81.63 3.96 0.00	70.65 3.17 0.00	66.65 2.99 0.00	65.21 3.05 0.00	63.46 3.02 0.00	65.00 3.15 0.00	65.20 3.10 0.00	68.05 3.36 0.00	76.97 3.87 0.00	89.52 4.43 0.00	84.42 4.17 0.00	76.67 3.72 0.00	67.15 3.14 0.00	60.48 2.99 0.00	53.46 2.55 0.00	47.90 2.19 0.00
HARSNRAD_115KV_TB1 81005	43.61 -4.05 0.00	40.48 -3.47 0.00	38.76 -4.02 0.00	38.46 -4.04 0.00	38.93 -4.18 0.00	41.69 -4.79 0.00	61.37 -6.59 0.00	78.21 -8.02 0.00	69.28 -8.39 0.00	61.27 -6.21 0.00	58.31 -5.35 0.00	56.07 -6.09 0.00	54.52 -5.92 0.00	54.74 -7.11 0.00	54.95 -7.14 0.00	57.70 -6.99 0.00	65.06 -8.04 0.00	76.50 -8.59 0.00	72.86 -7.38 0.00	65.80 -7.15 0.00	57.42 -6.59 0.00	50.71 -6.78 0.00	45.36 -5.55 0.00	41.23 -4.48 0.00
HARZA MOOSE___RIVER 24016	48.42 0.76 0.00	44.62 0.66 0.00	43.00 0.21 0.00	42.71 0.21 0.00	43.37 0.26 0.00	46.85 0.37 0.00	68.78 0.82 0.00	87.52 1.29 0.00	78.45 0.78 0.00	67.95 0.47 0.00	64.17 0.51 0.00	62.66 0.50 0.00	61.71 1.27 0.00	62.84 0.99 0.00	62.96 0.87 0.00	65.46 0.78 0.00	74.12 1.02 0.00	86.55 1.45 0.00	81.13 0.88 0.00	73.68 0.73 0.00	64.72 0.70 0.00	58.01 0.52 0.00	51.32 0.41 0.00	46.03 0.32 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	46.61 -1.05 0.00	43.03 -0.92 0.00	41.80 -0.98 0.00	41.47 -1.02 0.00	42.12 -0.99 0.00	45.36 -1.12 0.00	66.40 -1.56 0.00	84.42 -1.81 0.00	75.96 -1.71 0.00	66.06 -1.42 0.00	62.32 -1.34 0.00	60.80 -1.37 0.00	59.11 -1.33 0.00	60.37 -1.48 0.00	60.60 -1.49 0.00	63.20 -1.49 0.00	71.41 -1.68 0.00	83.23 -1.87 0.00	78.64 -1.60 0.00	71.41 -1.53 0.00	62.54 -1.47 0.00	55.94 -1.55 0.00	49.64 -1.27 0.00	44.61 -1.10 0.00
HELLGATE_13_KV_LD 55870	51.28 3.62 0.00	47.17 3.21 0.00	45.99 3.21 0.00	45.60 3.10 0.00	46.13 3.02 0.00	49.73 3.25 0.00	72.38 4.42 0.00	91.32 5.09 0.00	82.57 4.89 0.00	71.53 4.05 0.00	67.74 4.07 0.00	66.39 4.23 0.00	64.55 4.11 0.00	66.18 4.33 0.00	66.44 4.35 0.00	69.09 4.40 0.00	77.92 4.82 0.00	90.46 5.36 0.00	85.14 4.89 0.00	77.40 4.45 0.00	67.86 3.84 0.00	61.40 3.91 0.00	54.52 3.61 0.00	48.82 3.11 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.28 3.62 0.00	47.17 3.21 0.00	45.99 3.21 0.00	45.60 3.10 0.00	46.13 3.02 0.00	49.73 3.25 0.00	72.38 4.42 0.00	91.32 5.09 0.00	82.57 4.89 0.00	71.53 4.05 0.00	67.74 4.07 0.00	66.39 4.23 0.00	64.55 4.11 0.00	66.18 4.33 0.00	66.44 4.35 0.00	69.09 4.40 0.00	77.92 4.82 0.00	90.46 5.36 0.00	85.14 4.89 0.00	77.40 4.45 0.00	67.86 3.84 0.00	61.40 3.91 0.00	54.52 3.61 0.00	48.82 3.11 0.00
HEMPSTEAD____ 23647	51.23 3.58 0.00	46.90 2.95 0.00	45.69 2.91 0.00	45.34 2.85 0.00	45.95 2.84 0.00	49.87 3.39 0.00	73.27 5.30 0.00	91.58 5.35 0.00	83.27 5.60 0.00	72.00 4.52 0.00	68.05 4.39 0.00	66.77 4.60 0.00	65.04 4.59 -0.01	66.63 4.76 -0.01	66.95 4.85 -0.01	69.49 4.79 -0.01	78.38 5.27 -0.01	91.07 5.95 -0.01	85.95 5.70 -0.01	78.14 5.18 -0.01	68.57 4.55 -0.01	61.82 4.31 -0.01	54.53 3.62 0.00	48.77 3.06 0.00
HICKLING___1 23621	44.99 -2.67 0.00	41.58 -2.37 0.00	39.96 -2.82 0.00	39.56 -2.93 0.00	40.18 -2.93 0.00	43.27 -3.21 0.00	64.36 -3.60 0.00	81.83 -4.40 0.00	74.02 -3.65 0.00	64.44 -3.04 0.00	61.05 -2.61 0.00	58.87 -3.29 0.00	57.24 -3.20 0.00	57.95 -3.90 0.00	58.18 -3.91 0.00	61.19 -3.49 0.00	68.93 -4.17 0.00	81.27 -3.83 0.00	77.43 -2.81 0.00	69.96 -2.99 0.00	60.94 -3.07 0.00	53.87 -3.62 0.00	47.91 -3.00 0.00	43.15 -2.56 0.00
HICKLING___2 23622	44.99 -2.67 0.00	41.58 -2.37 0.00	39.96 -2.82 0.00	39.56 -2.93 0.00	40.18 -2.93 0.00	43.27 -3.21 0.00	64.36 -3.60 0.00	81.83 -4.40 0.00	74.02 -3.65 0.00	64.44 -3.04 0.00	61.05 -2.61 0.00	58.87 -3.29 0.00	57.24 -3.20 0.00	57.95 -3.90 0.00	58.18 -3.91 0.00	61.19 -3.49 0.00	68.93 -4.17 0.00	81.27 -3.83 0.00	77.43 -2.81 0.00	69.96 -2.99 0.00	60.94 -3.07 0.00	53.87 -3.62 0.00	47.91 -3.00 0.00	43.15 -2.56 0.00
HIGH FALLS___HY 23754	50.52 2.86 0.00	46.51 2.55 0.00	45.31 2.52 0.00	44.96 2.46 0.00	45.61 2.50 0.00	49.08 2.60 0.00	72.25 4.28 0.00	91.49 5.26 0.00	82.25 4.58 0.00	70.92 3.44 0.00	66.91 3.25 0.00	65.40 3.23 0.00	63.58 3.14 0.00	65.07 3.22 0.00	65.26 3.17 0.00	68.25 3.56 0.00	77.34 4.24 0.00	90.12 5.02 0.00	85.06 4.81 0.00	77.25 4.30 0.00	67.66 3.65 0.00	60.94 3.45 0.00	53.71 2.80 0.00	48.18 2.47 0.00
HIGH_RIVER___SOLAR 323847	49.04 1.38 0.00	45.27 1.32 0.00	44.11 1.33 0.00	43.85 1.36 0.00	44.36 1.25 0.00	48.10 1.63 0.00	70.34 2.38 0.00	89.07 2.84 0.00	79.22 1.55 0.00	67.95 0.48 0.00	63.85 0.19 0.00	62.54 0.38 0.00	60.74 0.30 0.00	62.41 0.56 0.00	63.03 0.93 0.00	66.11 1.42 0.00	74.92 1.83 0.00	87.74 2.64 0.00	82.81 2.57 0.00	75.13 2.19 0.00	65.87 1.86 0.00	59.16 1.67 0.00	52.44 1.53 0.00	46.90 1.19 0.00
HILLBURN___GT 23639	50.23 2.57 0.00	46.20 2.24 0.00	45.05 2.27 0.00	44.70 2.21 0.00	45.31 2.20 0.00	48.84 2.37 0.00	71.63 3.67 0.00	90.45 4.22 0.00	81.63 3.96 0.00	70.58 3.11 0.00	66.72 3.06 0.00	65.27 3.11 0.00	63.46 3.02 0.00	65.06 3.21 0.00	65.32 3.23 0.00	67.98 3.30 0.00	76.82 3.73 0.00	89.44 4.34 0.00	84.33 4.09 0.00	76.59 3.65 0.00	67.09 3.07 0.00	60.37 2.87 0.00	53.40 2.49 0.00	47.90 2.19 0.00
HILLSIDE_115KV_TB1 80332	44.42 -3.24 0.00	41.10 -2.86 0.00	39.49 -3.29 0.00	39.09 -3.40 0.00	39.75 -3.36 0.00	42.76 -3.72 0.00	63.55 -4.42 0.00	80.63 -5.60 0.00	73.09 -4.58 0.00	63.63 -3.85 0.00	60.29 -3.37 0.00	58.19 -3.98 0.00	56.57 -3.87 0.00	57.27 -4.58 0.00	57.50 -4.60 0.00	60.42 -4.27 0.00	68.13 -4.97 0.00	80.25 -4.85 0.00	76.55 -3.69 0.00	69.08 -3.87 0.00	60.30 -3.71 0.00	53.30 -4.20 0.00	47.40 -3.51 0.00	42.74 -2.97 0.00

HISHELDN_WT_PWR 323625	43.56 -4.10 0.00	39.91 -4.04 0.00	38.68 -4.11 0.00	38.20 -4.29 0.00	38.76 -4.35 0.00	41.64 -4.83 0.00	61.37 -6.59 0.00	78.30 -7.93 0.00	69.75 -7.92 0.00	61.20 -6.27 0.00	58.19 -5.48 0.00	55.89 -6.28 0.00	54.45 -5.98 0.00	54.80 -7.05 0.00	55.26 -6.83 0.00	58.35 -6.34 0.00	65.42 -7.67 0.00	77.10 -8.00 0.00	73.34 -6.90 0.00	66.16 -6.78 0.00	57.61 -6.40 0.00	51.34 -6.15 0.00	45.57 -5.34 0.00	41.23 -4.48 0.00
HOLTSVILLE_IC_1 23690	51.66 4.00 0.00	47.21 3.25 0.00	45.95 3.17 0.00	45.59 3.10 0.00	46.22 3.11 0.00	50.33 3.86 0.00	74.08 6.12 0.00	91.92 5.69 0.00	83.73 6.06 0.00	72.40 4.92 0.00	68.37 4.71 0.00	67.14 4.98 0.00	65.70 5.26 -0.01	67.30 5.44 -0.01	67.69 5.59 -0.01	70.19 5.50 -0.01	79.95 5.85 -1.00	91.49 6.39 -0.01	86.43 6.18 -0.01	79.39 5.84 -0.61	69.27 5.25 -0.01	62.62 5.12 -0.01	54.98 4.07 0.00	49.14 3.43 0.00
HOLTSVILLE_IC_10 23699	51.90 4.24 0.00	47.48 3.52 0.00	46.16 3.38 0.00	45.81 3.32 0.00	46.43 3.32 0.00	50.57 4.09 0.00	74.55 6.59 0.00	92.52 6.29 0.00	84.20 6.53 0.00	72.74 5.27 0.00	68.76 5.09 0.00	67.51 5.35 0.00	66.07 5.62 -0.01	67.74 5.88 -0.01	68.13 6.02 -0.01	70.71 6.02 -0.01	80.47 6.43 -0.94	92.17 7.06 -0.01	87.07 6.82 -0.01	79.94 6.42 -0.57	69.79 5.76 -0.01	63.02 5.52 -0.01	55.29 4.38 0.00	49.37 3.66 0.00
HOLTSVILLE_IC_2 23691	51.66 4.00 0.00	47.21 3.25 0.00	45.95 3.17 0.00	45.59 3.10 0.00	46.22 3.11 0.00	50.33 3.86 0.00	74.08 6.12 0.00	91.92 5.69 0.00	83.73 6.06 0.00	72.40 4.92 0.00	68.37 4.71 0.00	67.14 4.98 0.00	65.70 5.26 -0.01	67.30 5.44 -0.01	67.69 5.59 -0.01	70.19 5.50 -0.01	79.95 5.85 -1.00	91.49 6.39 -0.01	86.43 6.18 -0.01	79.39 5.84 -0.61	69.27 5.25 -0.01	62.62 5.12 -0.01	54.98 4.07 0.00	49.14 3.43 0.00
HOLTSVILLE_IC_3 23692	51.66 4.00 0.00	47.21 3.25 0.00	45.95 3.17 0.00	45.59 3.10 0.00	46.22 3.11 0.00	50.33 3.86 0.00	74.08 6.12 0.00	91.92 5.69 0.00	83.73 6.06 0.00	72.40 4.92 0.00	68.37 4.71 0.00	67.14 4.98 0.00	65.70 5.26 -0.01	67.30 5.44 -0.01	67.69 5.59 -0.01	70.19 5.50 -0.01	79.95 5.85 -1.00	91.49 6.39 -0.01	86.43 6.18 -0.01	79.39 5.84 -0.61	69.27 5.25 -0.01	62.62 5.12 -0.01	54.98 4.07 0.00	49.14 3.43 0.00
HOLTSVILLE_IC_4 23693	51.66 4.00 0.00	47.21 3.25 0.00	45.95 3.17 0.00	45.59 3.10 0.00	46.22 3.11 0.00	50.33 3.86 0.00	74.08 6.12 0.00	91.92 5.69 0.00	83.73 6.06 0.00	72.40 4.92 0.00	68.37 4.71 0.00	67.14 4.98 0.00	65.70 5.26 -0.01	67.30 5.44 -0.01	67.69 5.59 -0.01	70.19 5.50 -0.01	79.95 5.85 -1.00	91.49 6.39 -0.01	86.43 6.18 -0.01	79.39 5.84 -0.61	69.27 5.25 -0.01	62.62 5.12 -0.01	54.98 4.07 0.00	49.14 3.43 0.00
HOLTSVILLE_IC_5 23694	51.66 4.00 0.00	47.21 3.25 0.00	45.95 3.17 0.00	45.59 3.10 0.00	46.22 3.11 0.00	50.33 3.86 0.00	74.08 6.12 0.00	91.92 5.69 0.00	83.73 6.06 0.00	72.40 4.92 0.00	68.37 4.71 0.00	67.14 4.98 0.00	65.70 5.26 -0.01	67.30 5.44 -0.01	67.69 5.59 -0.01	70.19 5.50 -0.01	79.95 5.85 -1.00	91.49 6.39 -0.01	86.43 6.18 -0.01	79.39 5.84 -0.61	69.27 5.25 -0.01	62.62 5.12 -0.01	54.98 4.07 0.00	49.14 3.43 0.00
HOLTSVILLE_IC_6 23695	51.90 4.24 0.00	47.48 3.52 0.00	46.16 3.38 0.00	45.81 3.32 0.00	46.43 3.32 0.00	50.57 4.09 0.00	74.55 6.59 0.00	92.52 6.29 0.00	84.20 6.53 0.00	72.74 5.27 0.00	68.76 5.09 0.00	67.51 5.35 0.00	66.07 5.62 -0.01	67.74 5.88 -0.01	68.13 6.02 -0.01	70.71 6.02 -0.01	80.47 6.43 -0.94	92.17 7.06 -0.01	87.07 6.82 -0.01	79.94 6.42 -0.57	69.79 5.76 -0.01	63.02 5.52 -0.01	55.29 4.38 0.00	49.37 3.66 0.00
HOLTSVILLE_IC_7 23696	51.90 4.24 0.00	47.48 3.52 0.00	46.16 3.38 0.00	45.81 3.32 0.00	46.43 3.32 0.00	50.57 4.09 0.00	74.55 6.59 0.00	92.52 6.29 0.00	84.20 6.53 0.00	72.74 5.27 0.00	68.76 5.09 0.00	67.51 5.35 0.00	66.07 5.62 -0.01	67.74 5.88 -0.01	68.13 6.02 -0.01	70.71 6.02 -0.01	80.47 6.43 -0.94	92.17 7.06 -0.01	87.07 6.82 -0.01	79.94 6.42 -0.57	69.79 5.76 -0.01	63.02 5.52 -0.01	55.29 4.38 0.00	49.37 3.66 0.00
HOLTSVILLE_IC_8 23697	51.90 4.24 0.00	47.48 3.52 0.00	46.16 3.38 0.00	45.81 3.32 0.00	46.43 3.32 0.00	50.57 4.09 0.00	74.55 6.59 0.00	92.52 6.29 0.00	84.20 6.53 0.00	72.74 5.27 0.00	68.76 5.09 0.00	67.51 5.35 0.00	66.07 5.62 -0.01	67.74 5.88 -0.01	68.13 6.02 -0.01	70.71 6.02 -0.01	80.47 6.43 -0.94	92.17 7.06 -0.01	87.07 6.82 -0.01	79.94 6.42 -0.57	69.79 5.76 -0.01	63.02 5.52 -0.01	55.29 4.38 0.00	49.37 3.66 0.00
HOLTSVILLE_IC_9 23698	51.90 4.24 0.00	47.48 3.52 0.00	46.16 3.38 0.00	45.81 3.32 0.00	46.43 3.32 0.00	50.57 4.09 0.00	74.55 6.59 0.00	92.52 6.29 0.00	84.20 6.53 0.00	72.74 5.27 0.00	68.76 5.09 0.00	67.51 5.35 0.00	66.07 5.62 -0.01	67.74 5.88 -0.01	68.13 6.02 -0.01	70.71 6.02 -0.01	80.47 6.43 -0.94	92.17 7.06 -0.01	87.07 6.82 -0.01	79.94 6.42 -0.57	69.79 5.76 -0.01	63.02 5.52 -0.01	55.29 4.38 0.00	49.37 3.66 0.00
HOMER_HL_115KV_TB2 355744	44.22 -3.43 0.00	40.92 -3.03 0.00	39.28 -3.51 0.00	38.88 -3.61 0.00	39.49 -3.62 0.00	42.53 -3.95 0.00	63.14 -4.83 0.00	80.19 -6.04 0.00	70.53 -7.15 0.00	61.68 -5.80 0.00	58.76 -4.90 0.00	56.45 -5.72 0.00	54.88 -5.56 0.00	55.23 -6.62 0.00	55.39 -6.71 0.00	58.28 -6.40 0.00	65.71 -7.38 0.00	77.87 -7.23 0.00	74.46 -5.78 0.00	67.04 -5.91 0.00	58.32 -5.70 0.00	51.40 -6.09 0.00	45.87 -5.04 0.00	41.55 -4.16 0.00
HOWARD_WT_PWR 323690	43.37 -4.29 0.00	39.78 -4.18 0.00	38.55 -4.24 0.00	38.07 -4.42 0.00	38.67 -4.44 0.00	41.55 -4.93 0.00	61.57 -6.39 0.00	78.81 -7.42 0.00	70.76 -6.91 0.00	61.47 -6.01 0.00	58.06 -5.60 0.00	55.76 -6.40 0.00	54.34 -6.10 0.00	54.86 -6.99 0.00	55.39 -6.71 0.00	58.54 -6.15 0.00	66.08 -7.02 0.00	78.12 -6.98 0.00	74.62 -5.62 0.00	67.40 -5.55 0.00	58.64 -5.38 0.00	52.15 -5.35 0.00	46.12 -4.79 0.00	41.41 -4.30 0.00
HQ_GEN_CEDARS 23644	48.32 0.67 0.00	44.48 0.53 0.00	43.25 0.47 0.00	43.05 0.55 0.00	43.80 0.69 0.00	47.31 0.84 0.00	69.46 1.50 0.00	88.13 1.90 0.00	79.30 1.63 0.00	68.90 1.42 0.00	65.06 1.40 0.00	63.53 1.37 0.00	61.95 1.51 0.00	63.27 1.42 0.00	63.46 1.37 0.00	65.85 1.16 0.00	74.12 1.02 0.00	86.29 1.19 0.00	81.37 1.12 0.00	74.11 1.17 0.00	65.23 1.22 0.00	58.99 1.49 0.00	52.08 1.17 0.00	46.76 1.05 0.00
HQ_GEN_CEDARS_PROXY 323590	48.32 0.67 0.00	44.49 0.53 0.00	43.25 0.47 0.00	43.04 0.55 0.00	43.80 0.69 0.00	47.31 0.84 0.00	69.46 1.49 0.00	88.13 1.89 0.00	79.31 1.63 0.00	68.90 1.42 0.00	65.06 1.40 0.00	63.53 1.37 0.00	61.95 1.51 0.00	63.27 1.42 0.00	63.21 1.12 0.00	65.85 1.17 0.00	74.12 1.02 0.00	86.29 1.19 0.00	81.37 1.12 0.00	74.11 1.16 0.00	65.29 1.28 0.00	58.98 1.49 0.00	52.08 1.17 0.00	46.76 1.05 0.00

HQ_GEN_IMPORT 323601	47.66 0.00 0.00	43.96 0.00 0.00	42.78 0.00 0.00	42.54 0.04 0.00	43.20 0.09 0.00	46.62 0.14 0.00	68.31 0.34 0.00	86.66 0.43 0.00	78.06 0.39 0.00	67.89 0.41 0.00	64.11 0.45 0.00	62.60 0.44 0.00	60.92 0.48 0.00	62.29 0.44 0.00	62.47 0.37 0.00	65.01 0.33 0.00	73.46 0.37 0.00	85.53 0.43 0.00	80.65 0.40 0.00	73.31 0.37 0.00	64.40 0.39 0.00	57.95 0.46 0.00	51.22 0.31 0.00	45.99 0.28 0.00
HQ_GEN_WHEEL 23651	47.66 0.00 0.00	43.96 0.00 0.00	42.78 0.00 0.00	42.54 0.04 0.00	43.20 0.09 0.00	46.62 0.14 0.00	68.31 0.34 0.00	86.66 0.43 0.00	78.06 0.39 0.00	67.89 0.41 0.00	64.11 0.45 0.00	62.60 0.44 0.00	60.92 0.48 0.00	62.29 0.44 0.00	62.47 0.37 0.00	65.01 0.33 0.00	73.46 0.37 0.00	85.53 0.43 0.00	80.65 0.40 0.00	73.31 0.37 0.00	64.40 0.39 0.00	57.95 0.46 0.00	51.22 0.31 0.00	45.99 0.28 0.00
HUDSON AVE_GT_3 23810	50.90 3.24 0.00	46.81 2.86 0.00	45.65 2.87 0.00	45.26 2.76 0.00	45.78 2.67 0.00	49.40 2.93 0.00	72.38 4.42 0.00	91.32 5.09 0.00	82.57 4.89 0.00	71.46 3.98 0.00	67.61 3.95 0.00	66.14 3.98 0.00	64.37 3.93 0.00	65.99 4.14 0.00	66.19 4.10 0.00	68.96 4.27 0.00	77.77 4.68 0.00	90.37 5.28 0.00	85.14 4.89 0.00	77.40 4.45 0.00	67.73 3.71 0.00	61.06 3.56 0.00	54.12 3.21 0.00	48.45 2.74 0.00
HUDSON AVE_GT_4 23540	50.90 3.24 0.00	46.81 2.86 0.00	45.65 2.87 0.00	45.26 2.76 0.00	45.78 2.67 0.00	49.40 2.93 0.00	72.38 4.42 0.00	91.32 5.09 0.00	82.57 4.89 0.00	71.46 3.98 0.00	67.61 3.95 0.00	66.14 3.98 0.00	64.37 3.93 0.00	65.99 4.14 0.00	66.19 4.10 0.00	68.96 4.27 0.00	77.77 4.68 0.00	90.37 5.28 0.00	85.14 4.89 0.00	77.40 4.45 0.00	67.73 3.71 0.00	61.06 3.56 0.00	54.12 3.21 0.00	48.45 2.74 0.00
HUDSON AVE_GT_5 23657	50.90 3.24 0.00	46.81 2.86 0.00	45.65 2.87 0.00	45.26 2.76 0.00	45.78 2.67 0.00	49.40 2.93 0.00	72.38 4.42 0.00	91.32 5.09 0.00	82.57 4.89 0.00	71.46 3.98 0.00	67.61 3.95 0.00	66.14 3.98 0.00	64.37 3.93 0.00	65.99 4.14 0.00	66.19 4.10 0.00	68.96 4.27 0.00	77.77 4.68 0.00	90.37 5.28 0.00	85.14 4.89 0.00	77.40 4.45 0.00	67.73 3.71 0.00	61.06 3.56 0.00	54.12 3.21 0.00	48.45 2.74 0.00
HUDSON_AVE_10 24168	50.71 3.05 0.00	46.64 2.68 0.00	45.48 2.70 0.00	45.13 2.63 0.00	45.65 2.54 0.00	49.26 2.79 0.00	72.18 4.21 0.00	91.15 4.92 0.00	82.41 4.74 0.00	71.26 3.78 0.00	67.42 3.76 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.01 3.91 0.00	68.76 4.08 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	60.94 3.45 0.00	54.02 3.11 0.00	48.32 2.61 0.00
HUDSON___115KV_TB 4 355613	49.66 2.00 0.00	45.80 1.85 0.00	44.71 1.93 0.00	44.45 1.95 0.00	44.96 1.85 0.00	48.52 2.04 0.00	70.21 2.24 0.00	88.99 2.76 0.00	79.85 2.17 0.00	69.10 1.62 0.00	64.68 1.02 0.00	63.22 1.06 0.00	61.29 0.85 0.00	62.96 1.11 0.00	63.40 1.30 0.00	66.24 1.55 0.00	75.14 2.05 0.00	87.57 2.47 0.00	82.57 2.33 0.00	74.99 2.04 0.00	65.93 1.92 0.00	59.33 1.84 0.00	52.84 1.93 0.00	47.36 1.65 0.00
HUNTER MOUNT___DRP 323613	49.71 2.05 0.00	45.85 1.89 0.00	44.75 1.97 0.00	44.49 2.00 0.00	45.01 1.90 0.00	48.52 2.04 0.00	70.34 2.38 0.00	89.16 2.93 0.00	79.85 2.17 0.00	69.03 1.55 0.00	64.62 0.95 0.00	63.10 0.93 0.00	61.16 0.73 0.00	62.90 1.05 0.00	63.27 1.18 0.00	66.18 1.49 0.00	75.22 2.12 0.00	87.65 2.55 0.00	82.73 2.49 0.00	74.99 2.04 0.00	66.00 1.98 0.00	59.39 1.90 0.00	52.84 1.93 0.00	47.40 1.69 0.00
HUNTINGTON_RES_REC 323705	51.56 3.91 0.00	47.12 3.17 0.00	45.87 3.08 0.00	45.51 3.02 0.00	46.13 3.02 0.00	50.24 3.76 0.00	73.95 5.98 0.00	91.67 5.44 0.00	83.73 6.06 0.00	72.34 4.86 0.00	68.25 4.59 0.00	67.14 4.98 0.00	65.58 5.13 -0.01	67.18 5.32 -0.01	67.57 5.47 -0.01	69.93 5.24 -0.01	78.28 5.55 0.37	91.24 6.13 -0.01	86.19 5.94 -0.01	78.26 5.54 0.22	69.15 5.12 -0.01	62.50 5.00 -0.01	54.93 4.02 0.00	49.05 3.34 0.00
HUNTLEY___63 23557	43.84 -3.81 0.00	40.70 -3.25 0.00	38.93 -3.85 0.00	38.67 -3.82 0.00	39.23 -3.88 0.00	41.97 -4.51 0.00	61.71 -6.25 0.00	78.73 -7.50 0.00	69.83 -7.84 0.00	61.74 -5.74 0.00	58.82 -4.84 0.00	56.51 -5.66 0.00	54.94 -5.50 0.00	55.17 -6.68 0.00	55.33 -6.77 0.00	58.09 -6.60 0.00	65.42 -7.68 0.00	77.01 -8.08 0.00	73.42 -6.82 0.00	66.24 -6.71 0.00	57.80 -6.21 0.00	51.05 -6.44 0.00	45.67 -5.24 0.00	41.46 -4.25 0.00
HUNTLEY___64 23558	43.84 -3.81 0.00	40.70 -3.25 0.00	38.93 -3.85 0.00	38.67 -3.82 0.00	39.23 -3.88 0.00	41.97 -4.51 0.00	61.71 -6.25 0.00	78.73 -7.50 0.00	69.83 -7.84 0.00	61.74 -5.74 0.00	58.82 -4.84 0.00	56.51 -5.66 0.00	54.94 -5.50 0.00	55.17 -6.68 0.00	55.33 -6.77 0.00	58.09 -6.60 0.00	65.42 -7.68 0.00	77.01 -8.08 0.00	73.42 -6.82 0.00	66.24 -6.71 0.00	57.80 -6.21 0.00	51.05 -6.44 0.00	45.67 -5.24 0.00	41.46 -4.25 0.00
HUNTLEY___65 23559	43.84 -3.81 0.00	40.70 -3.25 0.00	38.93 -3.85 0.00	38.67 -3.82 0.00	39.23 -3.88 0.00	41.97 -4.51 0.00	61.71 -6.25 0.00	78.73 -7.50 0.00	69.83 -7.84 0.00	61.74 -5.74 0.00	58.82 -4.84 0.00	56.51 -5.66 0.00	54.94 -5.50 0.00	55.17 -6.68 0.00	55.33 -6.77 0.00	58.09 -6.60 0.00	65.42 -7.68 0.00	77.01 -8.08 0.00	73.42 -6.82 0.00	66.24 -6.71 0.00	57.80 -6.21 0.00	51.05 -6.44 0.00	45.67 -5.24 0.00	41.46 -4.25 0.00
HUNTLEY___66 23560	43.84 -3.81 0.00	40.70 -3.25 0.00	38.93 -3.85 0.00	38.67 -3.82 0.00	39.23 -3.88 0.00	41.97 -4.51 0.00	61.71 -6.25 0.00	78.73 -7.50 0.00	69.83 -7.84 0.00	61.74 -5.74 0.00	58.82 -4.84 0.00	56.51 -5.66 0.00	54.94 -5.50 0.00	55.17 -6.68 0.00	55.33 -6.77 0.00	58.09 -6.60 0.00	65.42 -7.68 0.00	77.01 -8.08 0.00	73.42 -6.82 0.00	66.24 -6.71 0.00	57.80 -6.21 0.00	51.05 -6.44 0.00	45.67 -5.24 0.00	41.46 -4.25 0.00
HUNTLEY___67 23561	43.65 -4.00 0.00	40.53 -3.43 0.00	38.76 -4.02 0.00	38.50 -3.99 0.00	39.01 -4.10 0.00	41.83 -4.65 0.00	61.51 -6.46 0.00	78.30 -7.93 0.00	69.44 -8.23 0.00	61.41 -6.07 0.00	58.44 -5.22 0.00	56.20 -5.97 0.00	54.64 -5.80 0.00	54.92 -6.93 0.00	55.08 -7.02 0.00	57.83 -6.86 0.00	65.20 -7.89 0.00	76.76 -8.34 0.00	73.10 -7.14 0.00	65.94 -7.00 0.00	57.55 -6.47 0.00	50.82 -6.67 0.00	45.46 -5.45 0.00	41.32 -4.39 0.00
HUNTLEY___68 23562	43.65 -4.00 0.00	40.53 -3.43 0.00	38.76 -4.02 0.00	38.50 -3.99 0.00	39.01 -4.10 0.00	41.83 -4.65 0.00	61.51 -6.46 0.00	78.30 -7.93 0.00	69.44 -8.23 0.00	61.41 -6.07 0.00	58.44 -5.22 0.00	56.20 -5.97 0.00	54.64 -5.80 0.00	54.92 -6.93 0.00	55.08 -7.02 0.00	57.83 -6.86 0.00	65.20 -7.89 0.00	76.76 -8.34 0.00	73.10 -7.14 0.00	65.94 -7.00 0.00	57.55 -6.47 0.00	50.82 -6.67 0.00	45.46 -5.45 0.00	41.32 -4.39 0.00

HYLAND___LFGE 323620	46.32 -1.33 0.00	42.55 -1.41 0.00	41.37 -1.41 0.00	40.88 -1.61 0.00	41.69 -1.42 0.00	45.13 -1.35 0.00	64.70 -3.26 0.00	82.87 -3.36 0.00	73.17 -4.51 0.00	63.23 -4.25 0.00	59.08 -4.58 0.00	56.63 -5.53 0.00	55.00 -5.44 0.00	55.91 -5.94 0.00	56.57 -5.53 0.00	59.90 -4.79 0.00	68.05 -5.04 0.00	80.76 -4.34 0.00	76.95 -3.29 0.00	70.10 -2.85 0.00	60.94 -3.07 0.00	56.06 -1.44 0.00	49.28 -1.63 0.00	44.48 -1.23 0.00
INDECK___CORINTH 23802	49.18 1.52 0.00	45.36 1.41 0.00	44.24 1.46 0.00	44.02 1.53 0.00	44.45 1.34 0.00	48.15 1.67 0.00	70.07 2.11 0.00	89.07 2.84 0.00	80.00 2.33 0.00	69.44 1.96 0.00	65.06 1.40 0.00	63.60 1.43 0.00	61.53 1.09 0.00	63.09 1.24 0.00	63.52 1.43 0.00	66.05 1.36 0.00	74.78 1.68 0.00	87.48 2.38 0.00	82.41 2.17 0.00	74.77 1.82 0.00	65.74 1.73 0.00	58.87 1.38 0.00	52.49 1.58 0.00	46.90 1.19 0.00
INDECK___ILION 23567	48.99 1.33 0.00	45.23 1.27 0.00	43.98 1.20 0.00	43.68 1.19 0.00	44.36 1.25 0.00	47.82 1.35 0.00	69.87 1.90 0.00	88.73 2.50 0.00	79.77 2.10 0.00	69.37 1.89 0.00	65.51 1.85 0.00	63.97 1.80 0.00	62.13 1.69 0.00	63.52 1.67 0.00	63.77 1.68 0.00	66.43 1.75 0.00	75.07 1.97 0.00	87.40 2.30 0.00	82.41 2.17 0.00	74.84 1.90 0.00	65.61 1.60 0.00	58.87 1.38 0.00	52.13 1.22 0.00	46.76 1.05 0.00
INDECK___OLEAN 23982	44.22 -3.43 0.00	40.57 -3.38 0.00	39.36 -3.42 0.00	38.88 -3.61 0.00	39.49 -3.62 0.00	42.57 -3.90 0.00	63.14 -4.82 0.00	80.19 -6.04 0.00	70.53 -7.14 0.00	61.67 -5.80 0.00	58.76 -4.90 0.00	56.45 -5.72 0.00	54.94 -5.50 0.00	55.23 -6.62 0.00	55.45 -6.64 0.00	58.48 -6.21 0.00	65.72 -7.38 0.00	77.87 -7.23 0.00	74.46 -5.78 0.00	67.04 -5.91 0.00	58.32 -5.70 0.00	51.74 -5.75 0.00	45.97 -4.94 0.00	41.64 -4.07 0.00
INDECK___OSWEGO 23783	45.70 -1.96 0.00	42.20 -1.76 0.00	40.99 -1.80 0.00	40.67 -1.83 0.00	41.30 -1.81 0.00	44.48 -2.00 0.00	65.11 -2.85 0.00	82.61 -3.62 0.00	74.33 -3.34 0.00	64.71 -2.77 0.00	61.05 -2.61 0.00	59.56 -2.61 0.00	57.90 -2.54 0.00	59.19 -2.66 0.00	59.36 -2.73 0.00	61.91 -2.78 0.00	70.03 -3.07 0.00	81.61 -3.49 0.00	77.03 -3.21 0.00	70.03 -2.92 0.00	61.33 -2.69 0.00	54.96 -2.53 0.00	48.67 -2.24 0.00	43.75 -1.96 0.00
INDECK___YERKES 23781	43.94 -3.72 0.00	40.31 -3.65 0.00	39.10 -3.68 0.00	38.71 -3.78 0.00	39.27 -3.84 0.00	42.11 -4.37 0.00	61.85 -6.12 0.00	78.81 -7.42 0.00	69.91 -7.77 0.00	61.81 -5.67 0.00	58.89 -4.78 0.00	56.57 -5.59 0.00	55.06 -5.38 0.00	55.23 -6.62 0.00	55.45 -6.64 0.00	58.41 -6.27 0.00	65.49 -7.60 0.00	77.10 -8.00 0.00	73.50 -6.74 0.00	66.31 -6.64 0.00	57.81 -6.21 0.00	51.57 -5.92 0.00	45.87 -5.04 0.00	41.60 -4.11 0.00
INDIAN POINT_GT_1 24139	50.23 2.57 0.00	46.24 2.29 0.00	45.09 2.31 0.00	44.75 2.25 0.00	45.31 2.20 0.00	48.85 2.37 0.00	71.63 3.67 0.00	90.37 4.14 0.00	81.63 3.96 0.00	70.58 3.10 0.00	66.72 3.06 0.00	65.27 3.11 0.00	63.46 3.02 0.00	65.07 3.22 0.00	65.26 3.17 0.00	67.99 3.30 0.00	76.82 3.73 0.00	89.27 4.17 0.00	84.17 3.93 0.00	76.52 3.57 0.00	67.02 3.01 0.00	60.37 2.87 0.00	53.40 2.49 0.00	47.86 2.15 0.00
INDIAN POINT_GT_2 23659	50.23 2.57 0.00	46.24 2.29 0.00	45.09 2.31 0.00	44.75 2.25 0.00	45.31 2.20 0.00	48.85 2.37 0.00	71.63 3.67 0.00	90.37 4.14 0.00	81.63 3.96 0.00	70.58 3.10 0.00	66.72 3.06 0.00	65.27 3.11 0.00	63.46 3.02 0.00	65.07 3.22 0.00	65.26 3.17 0.00	67.99 3.30 0.00	76.82 3.73 0.00	89.27 4.17 0.00	84.17 3.93 0.00	76.52 3.57 0.00	67.02 3.01 0.00	60.37 2.87 0.00	53.40 2.49 0.00	47.86 2.15 0.00
INDIAN POINT_GT_3 24019	50.23 2.57 0.00	46.24 2.29 0.00	45.09 2.31 0.00	44.75 2.25 0.00	45.31 2.20 0.00	48.85 2.37 0.00	71.63 3.67 0.00	90.37 4.14 0.00	81.63 3.96 0.00	70.58 3.10 0.00	66.72 3.06 0.00	65.27 3.11 0.00	63.46 3.02 0.00	65.07 3.22 0.00	65.26 3.17 0.00	67.99 3.30 0.00	76.82 3.73 0.00	89.27 4.17 0.00	84.17 3.93 0.00	76.52 3.57 0.00	67.02 3.01 0.00	60.37 2.87 0.00	53.40 2.49 0.00	47.86 2.15 0.00
INDIAN POINT___2 23530	50.18 2.52 0.00	46.15 2.20 0.00	45.01 2.22 0.00	44.66 2.17 0.00	45.22 2.11 0.00	48.75 2.28 0.00	71.50 3.53 0.00	90.20 3.97 0.00	81.48 3.80 0.00	70.44 2.97 0.00	66.59 2.93 0.00	65.15 2.98 0.00	63.34 2.90 0.00	64.94 3.09 0.00	65.20 3.10 0.00	67.79 3.10 0.00	76.68 3.58 0.00	89.18 4.08 0.00	84.09 3.85 0.00	76.45 3.50 0.00	66.90 2.88 0.00	60.25 2.76 0.00	53.30 2.39 0.00	47.81 2.10 0.00
INDIAN POINT___3 23531	50.23 2.57 0.00	46.24 2.29 0.00	45.09 2.31 0.00	44.75 2.25 0.00	45.31 2.20 0.00	48.85 2.37 0.00	71.57 3.60 0.00	90.37 4.14 0.00	81.63 3.96 0.00	70.58 3.10 0.00	66.72 3.06 0.00	65.27 3.11 0.00	63.46 3.02 0.00	65.07 3.22 0.00	65.26 3.17 0.00	67.99 3.30 0.00	76.82 3.73 0.00	89.27 4.17 0.00	84.17 3.93 0.00	76.52 3.57 0.00	67.02 3.01 0.00	60.37 2.87 0.00	53.40 2.49 0.00	47.86 2.15 0.00
INGHAM_C_115KV_TB7 356103	50.56 2.91 0.00	46.68 2.73 0.00	45.39 2.61 0.00	45.13 2.63 0.00	45.83 2.72 0.00	49.45 2.97 0.00	72.18 4.21 0.00	91.66 5.43 0.00	82.33 4.66 0.00	71.59 4.12 0.00	67.80 4.14 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.56 3.71 0.00	65.82 3.73 0.00	68.57 3.88 0.00	77.41 4.31 0.00	90.03 4.94 0.00	84.90 4.65 0.00	77.03 4.08 0.00	67.54 3.52 0.00	60.60 3.10 0.00	53.66 2.75 0.00	48.13 2.42 0.00
IP CORINTH___1 23988	49.42 1.76 0.00	45.58 1.63 0.00	44.45 1.67 0.00	44.24 1.74 0.00	44.66 1.55 0.00	48.43 1.95 0.00	70.48 2.51 0.00	89.51 3.28 0.00	80.39 2.72 0.00	69.84 2.36 0.00	65.44 1.78 0.00	63.97 1.80 0.00	61.89 1.45 0.00	63.46 1.61 0.00	63.83 1.74 0.00	66.43 1.75 0.00	75.22 2.12 0.00	87.91 2.81 0.00	82.89 2.65 0.00	75.13 2.19 0.00	66.13 2.11 0.00	59.27 1.78 0.00	52.74 1.83 0.00	48.32 2.61 0.00
IP___TICONDEROGA 23804	51.37 3.72 0.00	47.43 3.47 0.00	46.25 3.47 0.00	46.11 3.61 0.00	46.43 3.32 0.00	50.52 4.04 0.00	73.81 5.84 0.00	93.73 7.50 0.00	83.81 6.14 0.00	72.67 5.20 0.00	67.99 4.33 0.00	66.33 4.17 0.00	64.07 3.63 0.00	65.62 3.77 0.00	66.13 4.04 0.00	68.96 4.27 0.00	78.29 5.19 0.00	91.99 6.89 0.00	86.74 6.50 0.00	78.56 5.62 0.00	69.01 4.99 0.00	61.69 4.20 0.00	54.88 3.97 0.00	50.01 4.30 0.00
ISLIP_RES_REC 323679	52.13 4.48 0.00	47.65 3.69 0.00	46.38 3.59 0.00	45.98 3.49 0.00	46.65 3.54 0.00	50.80 4.32 0.00	74.97 7.00 0.00	93.04 6.81 0.00	84.58 6.91 0.00	73.15 5.67 0.00	69.14 5.48 0.00	67.88 5.72 0.00	66.43 5.98 -0.01	68.10 6.24 -0.01	68.50 6.40 -0.01	71.10 6.41 -0.01	80.89 6.95 -0.85	92.77 7.66 -0.01	87.63 7.38 -0.01	80.31 6.85 -0.51	70.17 6.15 -0.01	63.37 5.87 -0.01	55.54 4.63 0.00	49.59 3.88 0.00

JAMAICA__27_KV_LOAD 355505	50.80 3.15 0.00	46.68 2.73 0.00	45.52 2.74 0.00	45.13 2.63 0.00	45.65 2.54 0.00	49.36 2.88 0.00	72.45 4.49 0.00	91.49 5.26 0.00	82.72 5.05 0.00	71.53 4.05 0.00	67.61 3.95 0.00	66.21 4.04 0.00	64.37 3.93 0.00	65.99 4.14 0.00	66.19 4.10 0.00	69.02 4.33 0.00	77.99 4.90 0.00	90.72 5.62 0.00	85.46 5.22 0.00	77.69 4.74 0.00	67.92 3.90 0.00	61.23 3.74 0.00	54.22 3.31 0.00	48.45 2.74 0.00
JANIS__SOLAR 323808	48.89 1.24 0.00	45.06 1.10 0.00	43.77 0.98 0.00	43.34 0.85 0.00	44.06 0.95 0.00	47.59 1.11 0.00	70.34 2.38 0.00	89.77 3.54 0.00	80.16 2.48 0.00	69.10 1.62 0.00	65.06 1.40 0.00	63.22 1.06 0.00	61.58 1.15 0.00	62.65 0.80 0.00	63.03 0.93 0.00	66.18 1.49 0.00	74.99 1.90 0.00	88.16 3.06 0.00	83.61 3.37 0.00	75.79 2.84 0.00	66.32 2.30 0.00	58.82 1.32 0.00	51.98 1.07 0.00	46.67 0.96 0.00
JARVIS____ 23743	47.90 0.24 0.00	44.18 0.22 0.00	43.00 0.21 0.00	42.66 0.17 0.00	43.28 0.17 0.00	46.66 0.19 0.00	68.17 0.20 0.00	86.49 0.26 0.00	77.83 0.16 0.00	67.61 0.14 0.00	63.79 0.13 0.00	62.29 0.12 0.00	60.56 0.12 0.00	61.97 0.12 0.00	62.28 0.19 0.00	64.88 0.19 0.00	73.39 0.29 0.00	85.35 0.26 0.00	80.48 0.24 0.00	73.17 0.22 0.00	64.21 0.19 0.00	57.61 0.12 0.00	51.06 0.15 0.00	45.80 0.09 0.00
JENNISON____1 23625	49.13 1.48 0.00	45.32 1.36 0.00	43.98 1.20 0.00	43.64 1.15 0.00	44.32 1.21 0.00	47.82 1.35 0.00	70.48 2.51 0.00	90.02 3.79 0.00	80.62 2.95 0.00	69.91 2.43 0.00	66.08 2.42 0.00	64.34 2.18 0.00	62.68 2.24 0.00	63.71 1.86 0.00	63.96 1.86 0.00	66.95 2.26 0.00	75.65 2.56 0.00	88.84 3.74 0.00	83.93 3.69 0.00	76.08 3.14 0.00	66.64 2.62 0.00	58.87 1.38 0.00	52.13 1.22 0.00	46.76 1.05 0.00
JENNISON____2 23626	49.13 1.48 0.00	45.32 1.36 0.00	43.98 1.20 0.00	43.64 1.15 0.00	44.32 1.21 0.00	47.82 1.35 0.00	70.48 2.51 0.00	90.02 3.79 0.00	80.62 2.95 0.00	69.91 2.43 0.00	66.08 2.42 0.00	64.34 2.18 0.00	62.68 2.24 0.00	63.71 1.86 0.00	63.96 1.86 0.00	66.95 2.26 0.00	75.65 2.56 0.00	88.84 3.74 0.00	83.93 3.69 0.00	76.08 3.14 0.00	66.64 2.62 0.00	58.87 1.38 0.00	52.13 1.22 0.00	46.76 1.05 0.00
JERICOHO_RISE_WT_PWR 323719	46.89 -0.76 0.00	43.25 -0.71 0.00	42.23 -0.56 0.00	42.11 -0.38 0.00	42.94 -0.17 0.00	46.43 -0.05 0.00	68.03 0.07 0.00	86.32 0.09 0.00	77.91 0.23 0.00	67.61 0.14 0.00	64.05 0.38 0.00	62.48 0.31 0.00	60.92 0.48 0.00	62.22 0.37 0.00	62.28 0.19 0.00	64.75 0.06 0.00	73.17 0.07 0.00	85.18 0.09 0.00	80.16 -0.08 0.00	72.95 0.00 0.00	64.27 0.26 0.00	58.18 0.69 0.00	51.37 0.46 0.00	46.03 0.32 0.00
KATONAH__115KV_46KV_TB4 355592	50.52 2.86 0.00	46.55 2.59 0.00	45.39 2.61 0.00	45.04 2.55 0.00	45.61 2.50 0.00	49.08 2.60 0.00	72.11 4.15 0.00	91.06 4.83 0.00	82.25 4.58 0.00	71.19 3.71 0.00	67.23 3.57 0.00	65.83 3.67 0.00	64.01 3.57 0.00	65.62 3.77 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.26 4.17 0.00	89.69 4.60 0.00	84.66 4.41 0.00	76.96 4.01 0.00	67.41 3.39 0.00	60.71 3.22 0.00	53.71 2.80 0.00	48.09 2.38 0.00
KCE_NY_1 323755	49.75 2.09 0.00	45.94 1.98 0.00	44.75 1.97 0.00	44.53 2.04 0.00	45.00 1.89 0.00	48.66 2.18 0.00	70.82 2.85 0.00	89.94 3.71 0.00	80.78 3.11 0.00	70.18 2.70 0.00	65.83 2.17 0.00	64.34 2.17 0.00	62.32 1.88 0.00	64.01 2.16 0.00	64.45 2.36 0.00	67.08 2.39 0.00	75.87 2.78 0.00	88.59 3.49 0.00	83.53 3.29 0.00	75.79 2.84 0.00	66.58 2.56 0.00	59.62 2.13 0.00	53.05 2.14 0.00	47.45 1.74 0.00
KCE_NY_6_ESR 323823	44.13 -3.53 0.00	40.53 -3.43 0.00	39.28 -3.51 0.00	38.84 -3.65 0.00	39.36 -3.75 0.00	42.34 -4.14 0.00	62.32 -5.64 0.00	79.42 -6.81 0.00	70.37 -7.30 0.00	62.08 -5.40 0.00	59.14 -4.52 0.00	56.82 -5.35 0.00	55.30 -5.14 0.00	55.54 -6.31 0.00	55.76 -6.33 0.00	58.80 -5.89 0.00	66.01 -7.09 0.00	77.78 -7.32 0.00	74.14 -6.10 0.00	66.82 -6.13 0.00	58.25 -5.76 0.00	51.92 -5.58 0.00	46.12 -4.79 0.00	41.78 -3.93 0.00
KEDC PORT_JEFF_GT2 24210	51.75 4.10 0.00	47.34 3.38 0.00	46.03 3.25 0.00	45.68 3.19 0.00	46.30 3.19 0.00	50.42 3.95 0.00	74.29 6.32 0.00	92.18 5.95 0.00	83.89 6.22 0.00	72.54 5.06 0.00	68.56 4.90 0.00	67.32 5.16 0.00	65.89 5.44 -0.01	67.49 5.63 -0.01	67.94 5.84 -0.01	70.45 5.76 -0.01	80.25 6.14 -1.01	91.57 6.46 -0.01	86.59 6.34 -0.01	79.69 6.13 -0.62	69.53 5.51 -0.01	62.85 5.35 -0.01	55.13 4.22 0.00	49.28 3.57 0.00
KEDC PORT_JEFF_GT3 24211	51.75 4.10 0.00	47.34 3.38 0.00	46.03 3.25 0.00	45.68 3.19 0.00	46.30 3.19 0.00	50.42 3.95 0.00	74.29 6.32 0.00	92.18 5.95 0.00	83.89 6.22 0.00	72.54 5.06 0.00	68.56 4.90 0.00	67.32 5.16 0.00	65.89 5.44 -0.01	67.49 5.63 -0.01	67.94 5.84 -0.01	70.45 5.76 -0.01	80.25 6.14 -1.01	91.57 6.46 -0.01	86.59 6.34 -0.01	79.69 6.13 -0.62	69.53 5.51 -0.01	62.85 5.35 -0.01	55.13 4.22 0.00	49.28 3.57 0.00
KEDC_GLWD_GT4 24219	51.18 3.53 0.00	46.95 2.99 0.00	45.73 2.95 0.00	45.38 2.89 0.00	46.00 2.89 0.00	49.78 3.30 0.00	73.06 5.10 0.00	91.67 5.44 0.00	83.19 5.52 0.00	71.93 4.45 0.00	68.05 4.39 0.00	66.70 4.54 0.00	64.93 4.47 -0.02	66.51 4.64 -0.02	66.83 4.72 -0.02	69.42 4.72 -0.02	78.38 5.27 -0.02	91.07 5.95 -0.02	85.87 5.62 -0.02	78.07 5.10 -0.02	68.44 4.41 -0.02	61.65 4.14 -0.02	54.47 3.56 0.00	48.73 3.02 0.00
KEDC_GLWD_GT5 24220	51.18 3.53 0.00	46.95 2.99 0.00	45.73 2.95 0.00	45.38 2.89 0.00	46.00 2.89 0.00	49.78 3.30 0.00	73.06 5.10 0.00	91.67 5.44 0.00	83.19 5.52 0.00	71.93 4.45 0.00	68.05 4.39 0.00	66.70 4.54 0.00	64.93 4.47 -0.02	66.51 4.64 -0.02	66.83 4.72 -0.02	69.42 4.72 -0.02	78.38 5.27 -0.02	91.07 5.95 -0.02	85.87 5.62 -0.02	78.07 5.10 -0.02	68.44 4.41 -0.02	61.65 4.14 -0.02	54.47 3.56 0.00	48.73 3.02 0.00
KENSICO____ 23655	50.42 2.76 0.00	46.42 2.46 0.00	45.22 2.44 0.00	44.87 2.38 0.00	45.44 2.33 0.00	48.99 2.51 0.00	71.77 3.81 0.00	90.63 4.40 0.00	81.87 4.19 0.00	70.85 3.37 0.00	66.91 3.25 0.00	65.52 3.36 0.00	63.70 3.26 0.00	65.31 3.46 0.00	65.51 3.42 0.00	68.25 3.56 0.00	77.12 4.02 0.00	89.61 4.51 0.00	84.50 4.25 0.00	76.74 3.79 0.00	67.22 3.20 0.00	60.54 3.05 0.00	53.61 2.70 0.00	48.00 2.29 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.42 2.76 0.00	46.42 2.46 0.00	45.26 2.48 0.00	44.92 2.42 0.00	45.52 2.41 0.00	49.03 2.56 0.00	72.04 4.08 0.00	91.23 5.00 0.00	81.94 4.27 0.00	70.72 3.24 0.00	66.65 2.99 0.00	65.15 2.98 0.00	63.34 2.90 0.00	64.88 3.03 0.00	65.01 2.92 0.00	68.05 3.36 0.00	77.12 4.02 0.00	89.86 4.77 0.00	84.82 4.57 0.00	76.96 4.01 0.00	67.47 3.46 0.00	60.77 3.28 0.00	53.61 2.70 0.00	48.09 2.38 0.00

KIAC_JFK_GT1 23816	50.66 3.00 0.00	46.55 2.59 0.00	45.39 2.61 0.00	45.04 2.55 0.00	45.57 2.46 0.00	49.22 2.74 0.00	72.25 4.28 0.00	91.23 5.00 0.00	82.49 4.82 0.00	71.32 3.85 0.00	67.42 3.76 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.01 3.91 0.00	68.83 4.14 0.00	77.77 4.68 0.00	90.37 5.28 0.00	85.22 4.98 0.00	77.47 4.52 0.00	67.73 3.71 0.00	61.06 3.56 0.00	54.07 3.16 0.00	48.32 2.61 0.00
KIAC_JFK_GT2 23817	50.66 3.00 0.00	46.55 2.59 0.00	45.39 2.61 0.00	45.04 2.55 0.00	45.57 2.46 0.00	49.22 2.74 0.00	72.25 4.28 0.00	91.23 5.00 0.00	82.49 4.82 0.00	71.32 3.85 0.00	67.42 3.76 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.01 3.91 0.00	68.83 4.14 0.00	77.77 4.68 0.00	90.37 5.28 0.00	85.22 4.98 0.00	77.47 4.52 0.00	67.73 3.71 0.00	61.06 3.56 0.00	54.07 3.16 0.00	48.32 2.61 0.00
KIAC_JFK____ 323774	50.66 3.00 0.00	46.51 2.55 0.00	45.39 2.61 0.00	45.04 2.55 0.00	45.57 2.46 0.00	49.22 2.74 0.00	72.25 4.28 0.00	91.23 5.00 0.00	82.49 4.82 0.00	71.32 3.84 0.00	67.42 3.76 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.77 4.08 0.00	77.70 4.61 0.00	90.38 5.28 0.00	85.22 4.98 0.00	77.47 4.52 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.36 2.65 0.00
KINTIGH__24_KV_GSU 356498	44.03 -3.62 0.00	40.53 -3.43 0.00	39.32 -3.46 0.00	38.97 -3.53 0.00	39.53 -3.58 0.00	42.43 -4.04 0.00	62.32 -5.64 0.00	79.16 -7.07 0.00	70.37 -7.30 0.00	62.15 -5.33 0.00	59.02 -4.64 0.00	56.94 -5.22 0.00	55.36 -5.08 0.00	55.79 -6.06 0.00	56.01 -6.08 0.00	58.87 -5.82 0.00	66.22 -6.87 0.00	77.69 -7.40 0.00	73.75 -6.50 0.00	66.75 -6.20 0.00	58.32 -5.70 0.00	52.09 -5.41 0.00	46.18 -4.73 0.00	41.87 -3.84 0.00
KINTIGH____ 23543	44.03 -3.62 0.00	40.84 -3.12 0.00	39.23 -3.55 0.00	38.92 -3.57 0.00	39.49 -3.62 0.00	42.39 -4.09 0.00	62.26 -5.71 0.00	79.16 -7.07 0.00	70.37 -7.30 0.00	62.15 -5.33 0.00	59.01 -4.65 0.00	56.94 -5.22 0.00	55.30 -5.14 0.00	55.79 -6.06 0.00	55.95 -6.15 0.00	58.61 -6.08 0.00	66.15 -6.94 0.00	77.70 -7.40 0.00	73.74 -6.50 0.00	66.75 -6.20 0.00	58.32 -5.70 0.00	51.63 -5.86 0.00	46.07 -4.84 0.00	41.82 -3.89 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	47.18 -0.48 0.00	43.43 -0.53 0.00	42.40 -0.39 0.00	42.32 -0.17 0.00	43.15 0.04 0.00	46.75 0.28 0.00	68.37 0.41 0.00	86.75 0.52 0.00	78.14 0.47 0.00	67.88 0.40 0.00	64.36 0.70 0.00	62.79 0.62 0.00	61.23 0.79 0.00	62.53 0.68 0.00	62.72 0.62 0.00	64.88 0.19 0.00	73.32 0.22 0.00	85.44 0.34 0.00	80.48 0.24 0.00	73.24 0.29 0.00	64.53 0.51 0.00	58.81 1.32 0.00	51.83 0.92 0.00	46.49 0.78 0.00
LACHUTE____HYDRO 323717	51.38 3.72 0.00	47.43 3.47 0.00	46.25 3.46 0.00	46.10 3.61 0.00	46.43 3.32 0.00	50.52 4.04 0.00	73.81 5.85 0.00	93.73 7.50 0.00	83.81 6.13 0.00	72.67 5.20 0.00	67.99 4.33 0.00	66.33 4.17 0.00	64.07 3.63 0.00	65.62 3.77 0.00	66.19 4.10 0.00	68.96 4.27 0.00	78.29 5.19 0.00	91.99 6.89 0.00	86.74 6.50 0.00	78.56 5.62 0.00	69.01 5.00 0.00	61.63 4.14 0.00	54.88 3.97 0.00	48.96 3.25 0.00
LAWRNCALV_115KV_TB1 80681	48.23 0.57 0.00	44.35 0.40 0.00	43.13 0.34 0.00	42.92 0.42 0.00	43.67 0.56 0.00	47.22 0.74 0.00	69.39 1.43 0.00	88.04 1.81 0.00	79.38 1.71 0.00	68.83 1.35 0.00	65.00 1.34 0.00	63.35 1.18 0.00	61.89 1.45 0.00	63.09 1.24 0.00	63.27 1.18 0.00	65.46 0.78 0.00	73.39 0.29 0.00	85.35 0.26 0.00	80.40 0.16 0.00	73.46 0.51 0.00	65.04 1.02 0.00	58.93 1.44 0.00	51.98 1.07 0.00	46.67 0.96 0.00
LEDERLE____ 23769	50.42 2.76 0.00	46.42 2.46 0.00	45.22 2.44 0.00	44.87 2.38 0.00	45.44 2.33 0.00	48.99 2.51 0.00	71.97 4.01 0.00	90.89 4.66 0.00	82.02 4.35 0.00	70.92 3.44 0.00	66.97 3.31 0.00	65.58 3.42 0.00	63.76 3.32 0.00	65.38 3.53 0.00	65.57 3.48 0.00	68.37 3.69 0.00	77.26 4.17 0.00	89.86 4.77 0.00	84.74 4.49 0.00	76.96 4.01 0.00	67.41 3.39 0.00	60.71 3.22 0.00	53.66 2.75 0.00	48.09 2.38 0.00
LIGHTHSE_115KV_TB6 355974	46.66 -1.00 0.00	43.08 -0.88 0.00	41.71 -1.07 0.00	41.39 -1.10 0.00	41.99 -1.12 0.00	45.22 -1.25 0.00	66.27 -1.70 0.00	84.42 -1.81 0.00	75.73 -1.94 0.00	65.72 -1.75 0.00	62.07 -1.59 0.00	60.55 -1.62 0.00	59.05 -1.39 0.00	60.24 -1.61 0.00	60.42 -1.68 0.00	62.94 -1.75 0.00	71.12 -1.97 0.00	83.14 -1.96 0.00	78.48 -1.77 0.00	71.27 -1.68 0.00	62.54 -1.47 0.00	55.88 -1.61 0.00	49.54 -1.37 0.00	44.57 -1.14 0.00
LINDEN COGEN____ 23786	50.61 2.96 0.00	46.46 2.50 0.00	45.35 2.57 0.00	45.04 2.55 0.00	45.52 2.41 0.00	49.12 2.65 0.00	71.97 4.01 0.00	90.80 4.57 0.00	82.18 4.50 0.00	71.05 3.57 0.00	67.22 3.56 0.00	65.83 3.67 0.00	64.00 3.57 0.00	65.62 3.77 0.00	65.95 3.85 0.00	68.50 3.82 0.00	77.33 4.24 0.00	89.86 4.76 0.00	84.65 4.41 0.00	76.96 4.01 0.00	67.34 3.33 0.00	60.71 3.22 0.00	53.81 2.90 0.00	48.22 2.51 0.00
LINDHRST_69_KV_BK1 356055	52.28 4.62 0.00	47.87 3.91 0.00	46.51 3.72 0.00	46.15 3.65 0.00	46.77 3.66 0.00	50.89 4.42 0.00	74.96 7.00 0.00	93.39 7.16 0.00	85.05 7.38 0.00	73.42 5.94 0.00	69.45 5.79 0.00	68.20 6.03 0.00	66.49 6.04 -0.01	68.11 6.25 -0.01	68.38 6.27 -0.01	71.17 6.47 -0.01	80.28 7.09 -0.10	93.28 8.17 -0.01	88.12 7.86 -0.01	79.94 6.93 -0.06	70.36 6.34 -0.01	63.37 5.86 -0.01	55.70 4.79 0.00	49.69 3.98 0.00
LIPA_MISC_IPP 23656	51.75 4.10 0.00	47.43 3.47 0.00	46.08 3.29 0.00	45.68 3.19 0.00	46.34 3.23 0.00	50.47 4.00 0.00	74.28 6.32 0.00	92.18 5.95 0.00	83.58 5.90 0.00	72.27 4.79 0.00	68.31 4.65 0.00	67.14 4.97 0.00	65.89 5.44 -0.01	67.49 5.63 -0.01	67.75 5.65 -0.01	70.58 5.89 -0.01	80.30 6.21 -0.99	91.92 6.81 -0.01	86.83 6.58 -0.01	79.75 6.20 -0.60	69.53 5.51 -0.01	62.85 5.35 -0.01	55.08 4.17 0.00	49.23 3.52 0.00
LISF____SOLAR 323691	51.90 4.24 0.00	47.39 3.43 0.00	46.12 3.34 0.00	45.77 3.27 0.00	46.38 3.27 0.00	50.57 4.09 0.00	74.49 6.53 0.00	92.35 6.12 0.00	83.73 6.06 0.00	72.40 4.92 0.00	68.44 4.78 0.00	67.20 5.03 0.00	65.95 5.50 -0.01	67.61 5.75 -0.01	68.07 5.96 -0.01	70.64 5.95 -0.01	80.43 6.36 -0.98	92.17 7.06 -0.01	87.07 6.82 -0.01	79.96 6.42 -0.59	69.66 5.63 -0.01	62.97 5.46 -0.01	55.24 4.32 0.00	49.32 3.61 0.00
LITTLE FALLS____HYD 24013	50.56 2.91 0.00	46.68 2.73 0.00	45.39 2.61 0.00	45.13 2.63 0.00	45.83 2.72 0.00	49.45 2.97 0.00	72.18 4.21 0.00	91.66 5.43 0.00	82.33 4.66 0.00	71.59 4.12 0.00	67.80 4.14 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.56 3.71 0.00	65.82 3.73 0.00	68.57 3.88 0.00	77.41 4.31 0.00	90.03 4.94 0.00	84.90 4.65 0.00	77.03 4.08 0.00	67.54 3.52 0.00	60.60 3.10 0.00	53.66 2.75 0.00	48.13 2.42 0.00

LITTLRIV_115KV_TB1 356100	48.85 1.19 0.00	44.92 0.97 0.00	43.64 0.86 0.00	43.43 0.93 0.00	44.19 1.08 0.00	47.82 1.35 0.00	70.41 2.45 0.00	89.51 3.28 0.00	80.62 2.95 0.00	69.64 2.16 0.00	65.63 1.97 0.00	63.78 1.62 0.00	62.37 1.93 0.00	63.52 1.67 0.00	63.77 1.68 0.00	66.05 1.36 0.00	74.27 1.17 0.00	86.63 1.53 0.00	81.69 1.44 0.00	74.55 1.60 0.00	66.00 1.98 0.00	59.73 2.24 0.00	52.64 1.73 0.00	47.22 1.51 0.00
LI_NEWBRDGE___DRP 323616	51.18 3.53 0.00	46.95 2.99 0.00	45.65 2.87 0.00	45.30 2.80 0.00	45.87 2.76 0.00	49.82 3.35 0.00	73.20 5.23 0.00	91.23 5.00 0.00	83.19 5.51 0.00	71.86 4.39 0.00	67.86 4.20 0.00	66.70 4.54 0.00	64.98 4.53 -0.01	66.50 4.64 -0.01	66.70 4.60 -0.01	69.42 4.72 -0.01	78.07 4.97 -0.01	90.72 5.62 -0.01	85.63 5.38 -0.01	77.84 4.89 -0.01	68.50 4.48 -0.01	61.81 4.31 -0.01	54.47 3.56 0.00	48.68 2.97 0.00
LOCKPORT_115KV_TB60_63_64 80432	43.61 -4.05 0.00	40.53 -3.43 0.00	38.80 -3.98 0.00	38.50 -3.99 0.00	38.97 -4.14 0.00	41.74 -4.74 0.00	61.37 -6.59 0.00	78.30 -7.93 0.00	69.36 -8.31 0.00	61.34 -6.14 0.00	58.38 -5.28 0.00	56.14 -6.03 0.00	54.52 -5.92 0.00	54.80 -7.05 0.00	55.02 -7.08 0.00	57.70 -6.99 0.00	65.06 -8.04 0.00	76.59 -8.51 0.00	72.86 -7.38 0.00	65.87 -7.08 0.00	57.42 -6.59 0.00	50.77 -6.73 0.00	45.36 -5.55 0.00	41.23 -4.48 0.00
LOCKPORT___CC1 323769	43.61 -4.05 0.00	40.05 -3.91 0.00	38.89 -3.89 0.00	38.50 -4.00 0.00	38.93 -4.18 0.00	41.83 -4.65 0.00	61.44 -6.52 0.00	78.21 -8.02 0.00	69.28 -8.39 0.00	61.27 -6.21 0.00	58.31 -5.35 0.00	56.08 -6.09 0.00	54.58 -5.86 0.00	54.80 -7.05 0.00	54.96 -7.14 0.00	57.96 -6.73 0.00	65.06 -8.04 0.00	76.51 -8.59 0.00	72.86 -7.38 0.00	65.80 -7.15 0.00	57.42 -6.59 0.00	51.23 -6.27 0.00	45.46 -5.45 0.00	41.28 -4.43 0.00
LOCKPORT___CC2 323770	43.61 -4.05 0.00	40.05 -3.91 0.00	38.89 -3.89 0.00	38.50 -4.00 0.00	38.93 -4.18 0.00	41.83 -4.65 0.00	61.44 -6.52 0.00	78.21 -8.02 0.00	69.28 -8.39 0.00	61.27 -6.21 0.00	58.31 -5.35 0.00	56.08 -6.09 0.00	54.58 -5.86 0.00	54.80 -7.05 0.00	54.96 -7.14 0.00	57.96 -6.73 0.00	65.06 -8.04 0.00	76.51 -8.59 0.00	72.86 -7.38 0.00	65.80 -7.15 0.00	57.42 -6.59 0.00	51.23 -6.27 0.00	45.46 -5.45 0.00	41.28 -4.43 0.00
LOCKPORT___CC3 323771	43.61 -4.05 0.00	40.05 -3.91 0.00	38.89 -3.89 0.00	38.50 -4.00 0.00	38.93 -4.18 0.00	41.83 -4.65 0.00	61.44 -6.52 0.00	78.21 -8.02 0.00	69.28 -8.39 0.00	61.27 -6.21 0.00	58.31 -5.35 0.00	56.08 -6.09 0.00	54.58 -5.86 0.00	54.80 -7.05 0.00	54.96 -7.14 0.00	57.96 -6.73 0.00	65.06 -8.04 0.00	76.51 -8.59 0.00	72.86 -7.38 0.00	65.80 -7.15 0.00	57.42 -6.59 0.00	51.23 -6.27 0.00	45.46 -5.45 0.00	41.28 -4.43 0.00
LOCUSVLY_69_KV_BK2 55797	51.47 3.81 0.00	47.21 3.25 0.00	45.95 3.17 0.00	45.55 3.06 0.00	46.17 3.06 0.00	50.05 3.58 0.00	73.54 5.57 0.00	91.92 5.69 0.00	83.65 5.98 0.00	72.34 4.86 0.00	68.37 4.71 0.00	67.14 4.97 0.00	65.41 4.96 -0.01	66.93 5.07 -0.01	67.20 5.09 -0.01	69.88 5.17 -0.01	78.70 5.63 0.03	91.49 6.38 -0.01	86.27 6.02 -0.01	78.41 5.47 0.01	68.96 4.93 -0.01	62.16 4.66 -0.01	54.78 3.87 0.00	48.96 3.25 0.00
LONG_LAKE_PHOENIX 24014	46.13 -1.52 0.00	42.59 -1.36 0.00	41.37 -1.41 0.00	41.09 -1.40 0.00	41.69 -1.42 0.00	44.94 -1.53 0.00	65.79 -2.17 0.00	83.64 -2.59 0.00	75.26 -2.41 0.00	65.45 -2.02 0.00	61.75 -1.91 0.00	60.24 -1.93 0.00	58.57 -1.87 0.00	59.81 -2.04 0.00	59.98 -2.11 0.00	62.62 -2.07 0.00	70.76 -2.34 0.00	82.55 -2.55 0.00	77.92 -2.33 0.00	70.76 -2.19 0.00	61.97 -2.05 0.00	55.42 -2.07 0.00	49.18 -1.73 0.00	44.20 -1.51 0.00
LOVETT___3 23632	50.23 2.57 0.00	46.24 2.29 0.00	45.09 2.31 0.00	44.70 2.21 0.00	45.27 2.16 0.00	48.85 2.37 0.00	71.70 3.74 0.00	90.54 4.31 0.00	81.71 4.04 0.00	70.72 3.24 0.00	66.78 3.12 0.00	65.40 3.23 0.00	63.58 3.14 0.00	65.19 3.34 0.00	65.39 3.29 0.00	68.12 3.43 0.00	76.97 3.87 0.00	89.44 4.34 0.00	84.33 4.09 0.00	76.67 3.72 0.00	67.15 3.14 0.00	60.48 2.99 0.00	53.51 2.60 0.00	47.95 2.24 0.00
LOVETT___4 23642	50.23 2.57 0.00	46.24 2.29 0.00	45.09 2.31 0.00	44.70 2.21 0.00	45.27 2.16 0.00	48.85 2.37 0.00	71.70 3.74 0.00	90.54 4.31 0.00	81.71 4.04 0.00	70.72 3.24 0.00	66.78 3.12 0.00	65.40 3.23 0.00	63.58 3.14 0.00	65.19 3.34 0.00	65.39 3.29 0.00	68.12 3.43 0.00	76.97 3.87 0.00	89.44 4.34 0.00	84.33 4.09 0.00	76.67 3.72 0.00	67.15 3.14 0.00	60.48 2.99 0.00	53.51 2.60 0.00	47.95 2.24 0.00
LOVETT___5 23593	50.23 2.57 0.00	46.24 2.29 0.00	45.09 2.31 0.00	44.70 2.21 0.00	45.27 2.16 0.00	48.85 2.37 0.00	71.70 3.74 0.00	90.54 4.31 0.00	81.71 4.04 0.00	70.72 3.24 0.00	66.78 3.12 0.00	65.40 3.23 0.00	63.58 3.14 0.00	65.19 3.34 0.00	65.39 3.29 0.00	68.12 3.43 0.00	76.97 3.87 0.00	89.44 4.34 0.00	84.33 4.09 0.00	76.67 3.72 0.00	67.15 3.14 0.00	60.48 2.99 0.00	53.51 2.60 0.00	47.95 2.24 0.00
LOWER RAQUET___HYD 24057	48.18 0.53 0.00	44.35 0.39 0.00	43.08 0.30 0.00	42.88 0.38 0.00	43.63 0.52 0.00	47.17 0.70 0.00	69.32 1.36 0.00	88.13 1.89 0.00	79.38 1.71 0.00	68.83 1.35 0.00	65.00 1.34 0.00	63.29 1.12 0.00	61.89 1.45 0.00	63.09 1.24 0.00	63.03 0.93 0.00	65.40 0.71 0.00	73.17 0.07 0.00	85.10 0.00 0.00	80.16 -0.08 0.00	73.24 0.29 0.00	64.98 0.96 0.00	58.93 1.44 0.00	51.98 1.07 0.00	46.62 0.91 0.00
LOWER___HUDSON 24059	49.42 1.76 0.00	45.63 1.67 0.00	44.45 1.67 0.00	44.20 1.70 0.00	44.71 1.60 0.00	48.24 1.77 0.00	69.94 1.97 0.00	88.82 2.58 0.00	80.00 2.33 0.00	69.50 2.02 0.00	65.13 1.47 0.00	63.72 1.55 0.00	61.71 1.27 0.00	63.52 1.67 0.00	63.96 1.86 0.00	66.50 1.81 0.00	75.22 2.12 0.00	87.74 2.64 0.00	82.65 2.41 0.00	75.06 2.12 0.00	65.93 1.92 0.00	59.10 1.61 0.00	52.59 1.68 0.00	47.08 1.37 0.00
LOWVILLE_115KV_TB2 356335	48.32 0.67 0.00	44.53 0.57 0.00	42.70 -0.09 0.00	42.37 -0.13 0.00	43.07 -0.04 0.00	46.52 0.05 0.00	68.44 0.48 0.00	87.18 0.95 0.00	77.98 0.31 0.00	67.41 -0.07 0.00	63.72 0.06 0.00	62.23 0.06 0.00	61.59 1.15 0.00	62.72 0.87 0.00	62.72 0.62 0.00	65.14 0.45 0.00	73.68 0.58 0.00	86.21 1.11 0.00	80.48 0.24 0.00	73.16 0.22 0.00	64.33 0.32 0.00	57.72 0.23 0.00	51.01 0.10 0.00	45.76 0.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	49.75 2.10 0.00	45.89 1.93 0.00	44.75 1.97 0.00	44.49 2.00 0.00	44.96 1.85 0.00	48.61 2.14 0.00	70.75 2.79 0.00	89.85 3.62 0.00	80.78 3.11 0.00	70.18 2.70 0.00	65.83 2.16 0.00	64.34 2.18 0.00	62.31 1.87 0.00	64.01 2.16 0.00	64.39 2.30 0.00	67.02 2.33 0.00	75.87 2.78 0.00	88.59 3.49 0.00	83.45 3.21 0.00	75.72 2.77 0.00	66.51 2.50 0.00	59.68 2.18 0.00	53.00 2.09 0.00	47.77 2.06 0.00

LUTHERNY_35_KV_BK2 355980	49.75 2.10 0.00	45.94 1.98 0.00	44.79 2.01 0.00	44.53 2.04 0.00	45.01 1.90 0.00	48.66 2.18 0.00	70.82 2.85 0.00	89.94 3.71 0.00	80.78 3.11 0.00	70.18 2.70 0.00	65.83 2.16 0.00	64.34 2.18 0.00	62.31 1.87 0.00	64.01 2.16 0.00	64.39 2.30 0.00	67.08 2.39 0.00	75.87 2.78 0.00	88.59 3.49 0.00	83.53 3.29 0.00	75.79 2.84 0.00	66.57 2.56 0.00	59.73 2.24 0.00	53.05 2.14 0.00	47.81 2.10 0.00
LWR___OSWEGATCHIE_HYD 23850	47.89 0.24 0.00	44.09 0.13 0.00	42.57 -0.21 0.00	42.32 -0.17 0.00	43.02 -0.09 0.00	46.43 -0.05 0.00	68.30 0.34 0.00	86.92 0.69 0.00	78.06 0.39 0.00	67.55 0.07 0.00	63.92 0.25 0.00	62.35 0.19 0.00	61.29 0.85 0.00	62.41 0.56 0.00	62.47 0.37 0.00	64.49 -0.19 0.00	72.58 -0.51 0.00	84.67 -0.43 0.00	79.52 -0.72 0.00	72.51 -0.44 0.00	64.08 0.06 0.00	57.95 0.46 0.00	51.16 0.25 0.00	45.89 0.18 0.00
LYONS_FALL_HYD 23570	48.42 0.76 0.00	44.62 0.66 0.00	43.00 0.21 0.00	42.71 0.21 0.00	43.37 0.26 0.00	46.85 0.37 0.00	68.78 0.82 0.00	87.53 1.30 0.00	78.45 0.78 0.00	67.95 0.48 0.00	64.17 0.51 0.00	62.66 0.50 0.00	61.71 1.27 0.00	62.84 0.99 0.00	62.96 0.87 0.00	65.47 0.78 0.00	74.12 1.02 0.00	86.54 1.45 0.00	81.13 0.88 0.00	73.68 0.73 0.00	64.72 0.71 0.00	58.01 0.52 0.00	51.32 0.41 0.00	46.03 0.32 0.00
MADISON___COUNTY_LFGE 323628	48.66 1.00 0.00	44.88 0.92 0.00	43.55 0.77 0.00	43.22 0.72 0.00	43.89 0.78 0.00	47.41 0.93 0.00	69.60 1.63 0.00	88.82 2.59 0.00	79.69 2.02 0.00	69.03 1.55 0.00	65.13 1.46 0.00	63.47 1.31 0.00	61.71 1.27 0.00	63.02 1.18 0.00	63.34 1.24 0.00	66.18 1.49 0.00	74.78 1.68 0.00	87.14 2.04 0.00	82.17 1.93 0.00	74.55 1.60 0.00	65.42 1.41 0.00	58.41 0.92 0.00	51.72 0.81 0.00	46.44 0.73 0.00
MALONE___115KV_TB1 356076	47.66 0.00 0.00	43.87 -0.09 0.00	42.74 -0.04 0.00	42.66 0.17 0.00	43.45 0.34 0.00	47.13 0.65 0.00	69.19 1.22 0.00	87.87 1.64 0.00	79.23 1.55 0.00	68.76 1.28 0.00	65.00 1.34 0.00	63.35 1.18 0.00	61.83 1.39 0.00	63.09 1.24 0.00	63.21 1.12 0.00	65.53 0.84 0.00	73.83 0.73 0.00	86.03 0.94 0.00	81.04 0.80 0.00	73.82 0.88 0.00	65.04 1.02 0.00	59.04 1.55 0.00	52.03 1.12 0.00	46.62 0.91 0.00
MAPLEWOD_115KV_TB3 80458	49.32 1.67 0.00	45.50 1.54 0.00	44.37 1.58 0.00	44.11 1.61 0.00	44.62 1.51 0.00	48.15 1.67 0.00	69.60 1.63 0.00	88.21 1.98 0.00	79.54 1.86 0.00	69.17 1.69 0.00	64.87 1.21 0.00	63.41 1.24 0.00	61.47 1.03 0.00	63.21 1.36 0.00	63.59 1.49 0.00	66.18 1.49 0.00	74.85 1.75 0.00	87.06 1.96 0.00	82.01 1.77 0.00	74.48 1.53 0.00	65.55 1.54 0.00	58.93 1.44 0.00	52.49 1.58 0.00	47.04 1.33 0.00
MAPLE_RIDGE_WT_1 323574	47.04 -0.62 0.00	43.21 -0.75 0.00	41.93 -0.86 0.00	41.56 -0.94 0.00	42.16 -0.95 0.00	45.50 -0.98 0.00	66.61 -1.36 0.00	84.59 -1.64 0.00	76.28 -1.40 0.00	66.33 -1.15 0.00	62.64 -1.02 0.00	61.23 -0.93 0.00	59.65 -0.79 0.00	61.11 -0.74 0.00	61.35 -0.74 0.00	63.91 -0.77 0.00	72.14 -0.95 0.00	83.91 -1.19 0.00	79.04 -1.20 0.00	71.78 -1.17 0.00	62.99 -1.03 0.00	56.63 -0.86 0.00	50.09 -0.82 0.00	44.98 -0.73 0.00
MAPLE_RIDGE_WT_2 323611	47.04 -0.62 0.00	43.21 -0.75 0.00	41.93 -0.86 0.00	41.56 -0.94 0.00	42.16 -0.95 0.00	45.50 -0.98 0.00	66.61 -1.36 0.00	84.59 -1.64 0.00	76.28 -1.40 0.00	66.33 -1.15 0.00	62.64 -1.02 0.00	61.23 -0.93 0.00	59.65 -0.79 0.00	61.11 -0.74 0.00	61.35 -0.74 0.00	63.91 -0.77 0.00	72.14 -0.95 0.00	83.91 -1.19 0.00	79.04 -1.20 0.00	71.78 -1.17 0.00	62.99 -1.03 0.00	56.63 -0.86 0.00	50.09 -0.82 0.00	44.98 -0.73 0.00
MARBLE_RIVER_WT_PWR 323696	46.85 -0.81 0.00	43.21 -0.75 0.00	42.18 -0.60 0.00	42.07 -0.42 0.00	42.90 -0.21 0.00	46.43 -0.05 0.00	67.90 -0.07 0.00	86.23 0.00 0.00	77.75 0.08 0.00	67.48 0.00 0.00	63.98 0.32 0.00	62.41 0.25 0.00	60.87 0.43 0.00	62.16 0.31 0.00	62.22 0.12 0.00	64.69 0.00 0.00	73.02 -0.07 0.00	85.01 -0.09 0.00	80.08 -0.16 0.00	72.80 -0.15 0.00	64.21 0.19 0.00	58.18 0.69 0.00	51.32 0.41 0.00	46.03 0.32 0.00
MARSHVLE_115KV_TB1 80742	48.32 0.67 0.00	44.57 0.62 0.00	43.47 0.68 0.00	43.26 0.76 0.00	43.76 0.65 0.00	47.50 1.02 0.00	69.53 1.56 0.00	88.21 1.98 0.00	78.37 0.70 0.00	67.28 -0.20 0.00	63.41 -0.25 0.00	61.98 -0.19 0.00	60.20 -0.24 0.00	61.79 -0.06 0.00	62.41 0.31 0.00	65.53 0.84 0.00	73.90 0.80 0.00	86.55 1.45 0.00	81.69 1.44 0.00	74.04 1.09 0.00	64.91 0.90 0.00	58.47 0.98 0.00	51.72 0.81 0.00	46.30 0.59 0.00
MARSH_HILL_WT_PWR 323713	43.37 -4.29 0.00	39.74 -4.22 0.00	38.55 -4.24 0.00	38.07 -4.42 0.00	38.67 -4.44 0.00	41.55 -4.93 0.00	61.57 -6.39 0.00	78.73 -7.50 0.00	70.68 -6.99 0.00	61.41 -6.07 0.00	58.06 -5.60 0.00	55.70 -6.47 0.00	54.27 -6.17 0.00	54.80 -7.05 0.00	55.33 -6.77 0.00	58.54 -6.15 0.00	66.01 -7.09 0.00	78.04 -7.06 0.00	74.55 -5.70 0.00	67.33 -5.62 0.00	58.57 -5.44 0.00	52.15 -5.35 0.00	46.12 -4.79 0.00	41.41 -4.30 0.00
MCINTYRE_115KV_TB2 80467	49.13 1.48 0.00	45.23 1.27 0.00	43.94 1.16 0.00	43.73 1.23 0.00	44.49 1.38 0.00	48.20 1.72 0.00	70.89 2.92 0.00	90.11 3.88 0.00	81.48 3.81 0.00	70.04 2.56 0.00	65.95 2.29 0.00	63.91 1.74 0.00	62.49 2.05 0.00	63.64 1.79 0.00	63.90 1.80 0.00	66.37 1.68 0.00	74.85 1.75 0.00	87.48 2.38 0.00	82.73 2.49 0.00	75.43 2.48 0.00	66.57 2.56 0.00	60.14 2.64 0.00	53.00 2.09 0.00	47.54 1.83 0.00
MECO_____69_KV_BK1 80468	49.51 1.86 0.00	45.72 1.76 0.00	44.58 1.80 0.00	44.41 1.91 0.00	44.88 1.77 0.00	48.75 2.28 0.00	71.43 3.47 0.00	90.54 4.31 0.00	80.39 2.72 0.00	69.03 1.55 0.00	64.74 1.08 0.00	63.22 1.06 0.00	61.41 0.97 0.00	63.09 1.24 0.00	63.77 1.68 0.00	67.02 2.33 0.00	75.95 2.85 0.00	89.01 3.91 0.00	84.01 3.77 0.00	76.16 3.21 0.00	66.70 2.69 0.00	59.96 2.47 0.00	53.10 2.19 0.00	47.49 1.78 0.00
MENANDS___115KV_TB5 355628	49.18 1.52 0.00	45.36 1.41 0.00	44.28 1.50 0.00	43.98 1.49 0.00	44.49 1.38 0.00	48.01 1.53 0.00	69.26 1.29 0.00	87.78 1.55 0.00	79.15 1.48 0.00	68.83 1.35 0.00	64.55 0.89 0.00	63.16 0.99 0.00	61.23 0.79 0.00	62.96 1.11 0.00	63.34 1.24 0.00	65.92 1.23 0.00	74.49 1.39 0.00	86.55 1.45 0.00	81.53 1.28 0.00	74.04 1.09 0.00	65.23 1.22 0.00	58.64 1.15 0.00	52.28 1.37 0.00	46.85 1.14 0.00
MG INDUSTRY___DRP 24185	49.18 1.52 0.00	45.41 1.45 0.00	44.28 1.50 0.00	44.02 1.53 0.00	44.53 1.42 0.00	48.01 1.53 0.00	69.53 1.56 0.00	88.04 1.81 0.00	79.30 1.63 0.00	68.83 1.35 0.00	64.62 0.95 0.00	63.16 0.99 0.00	61.29 0.85 0.00	62.96 1.11 0.00	63.34 1.24 0.00	65.98 1.29 0.00	74.63 1.54 0.00	86.72 1.62 0.00	81.77 1.52 0.00	74.33 1.39 0.00	65.36 1.34 0.00	58.81 1.32 0.00	52.34 1.43 0.00	46.94 1.23 0.00

MID___OSWEGATCHIE_HYD 23849	47.89 0.24 0.00	44.09 0.13 0.00	42.57 -0.21 0.00	42.32 -0.17 0.00	43.02 -0.09 0.00	46.43 -0.05 0.00	68.30 0.34 0.00	86.92 0.69 0.00	78.06 0.39 0.00	67.55 0.07 0.00	63.92 0.25 0.00	62.35 0.19 0.00	61.29 0.85 0.00	62.41 0.56 0.00	62.47 0.37 0.00	64.49 -0.19 0.00	72.58 -0.51 0.00	84.67 -0.43 0.00	79.52 -0.72 0.00	72.51 -0.44 0.00	64.08 0.06 0.00	57.95 0.46 0.00	51.16 0.25 0.00	45.89 0.18 0.00
MID___RAQUETTE_HYD 23851	48.18 0.52 0.00	44.35 0.40 0.00	43.08 0.30 0.00	42.88 0.38 0.00	43.63 0.52 0.00	47.17 0.70 0.00	69.32 1.36 0.00	88.13 1.90 0.00	79.38 1.71 0.00	68.83 1.35 0.00	65.00 1.34 0.00	63.28 1.12 0.00	61.89 1.45 0.00	63.09 1.24 0.00	63.21 1.12 0.00	65.40 0.71 0.00	73.17 0.07 0.00	85.10 0.00 0.00	80.16 -0.08 0.00	73.24 0.29 0.00	64.97 0.96 0.00	58.93 1.44 0.00	51.98 1.07 0.00	46.62 0.91 0.00
MILLIKEN___1 23584	47.89 0.24 0.00	44.22 0.26 0.00	42.91 0.13 0.00	42.54 0.04 0.00	43.20 0.09 0.00	46.57 0.09 0.00	68.58 0.61 0.00	87.27 1.03 0.00	78.37 0.70 0.00	67.88 0.40 0.00	63.98 0.32 0.00	62.29 0.12 0.00	60.56 0.12 0.00	61.79 -0.06 0.00	62.03 -0.06 0.00	64.95 0.26 0.00	73.39 0.29 0.00	85.86 0.77 0.00	81.29 1.04 0.00	73.75 0.80 0.00	64.59 0.58 0.00	57.55 0.06 0.00	50.96 0.05 0.00	45.80 0.09 0.00
MILLIKEN___2 23585	47.89 0.24 0.00	44.22 0.26 0.00	42.91 0.13 0.00	42.54 0.04 0.00	43.20 0.09 0.00	46.57 0.09 0.00	68.58 0.61 0.00	87.27 1.03 0.00	78.37 0.70 0.00	67.88 0.40 0.00	63.98 0.32 0.00	62.29 0.12 0.00	60.56 0.12 0.00	61.79 -0.06 0.00	62.03 -0.06 0.00	64.95 0.26 0.00	73.39 0.29 0.00	85.86 0.77 0.00	81.29 1.04 0.00	73.75 0.80 0.00	64.59 0.58 0.00	57.55 0.06 0.00	50.96 0.05 0.00	45.80 0.09 0.00
MILLIKEN___DIESEL 23629	47.89 0.24 0.00	44.22 0.26 0.00	42.91 0.13 0.00	42.54 0.04 0.00	43.20 0.09 0.00	46.57 0.09 0.00	68.58 0.61 0.00	87.27 1.03 0.00	78.37 0.70 0.00	67.88 0.40 0.00	63.98 0.32 0.00	62.29 0.12 0.00	60.56 0.12 0.00	61.79 -0.06 0.00	62.03 -0.06 0.00	64.95 0.26 0.00	73.39 0.29 0.00	85.86 0.77 0.00	81.29 1.04 0.00	73.75 0.80 0.00	64.59 0.58 0.00	57.55 0.06 0.00	50.96 0.05 0.00	45.80 0.09 0.00
MILLSEAT___LFGE 323607	44.41 -3.24 0.00	40.84 -3.12 0.00	39.66 -3.12 0.00	39.26 -3.23 0.00	39.79 -3.32 0.00	42.85 -3.63 0.00	63.14 -4.82 0.00	80.54 -5.69 0.00	71.38 -6.29 0.00	62.96 -4.52 0.00	59.78 -3.89 0.00	57.57 -4.60 0.00	55.91 -4.53 0.00	56.22 -5.63 0.00	56.44 -5.65 0.00	59.51 -5.18 0.00	66.88 -6.21 0.00	78.72 -6.38 0.00	74.78 -5.46 0.00	67.69 -5.25 0.00	59.02 -4.99 0.00	52.61 -4.89 0.00	46.53 -4.38 0.00	42.23 -3.48 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.32 2.67 0.00	46.33 2.37 0.00	45.18 2.40 0.00	44.83 2.34 0.00	45.39 2.28 0.00	48.89 2.42 0.00	71.70 3.74 0.00	90.54 4.31 0.00	81.79 4.12 0.00	70.72 3.24 0.00	66.84 3.18 0.00	65.40 3.23 0.00	63.58 3.14 0.00	65.19 3.34 0.00	65.39 3.29 0.00	68.12 3.43 0.00	76.97 3.87 0.00	89.44 4.34 0.00	84.33 4.09 0.00	76.67 3.72 0.00	67.15 3.14 0.00	60.42 2.93 0.00	53.51 2.60 0.00	47.90 2.19 0.00
MILLWOOD_13_KV_LOAD 356217	50.42 2.76 0.00	46.42 2.46 0.00	45.26 2.48 0.00	44.92 2.42 0.00	45.48 2.37 0.00	48.99 2.51 0.00	71.91 3.94 0.00	90.71 4.48 0.00	82.02 4.35 0.00	70.92 3.44 0.00	66.97 3.31 0.00	65.58 3.42 0.00	63.76 3.32 0.00	65.38 3.53 0.00	65.57 3.48 0.00	68.25 3.56 0.00	77.12 4.02 0.00	89.61 4.51 0.00	84.50 4.25 0.00	76.81 3.87 0.00	67.28 3.26 0.00	60.60 3.10 0.00	53.61 2.70 0.00	48.00 2.29 0.00
MODEL_CITY_ENERGY 24167	43.23 -4.43 0.00	39.74 -4.22 0.00	38.59 -4.19 0.00	38.20 -4.29 0.00	38.58 -4.53 0.00	41.41 -5.06 0.00	60.76 -7.21 0.00	77.35 -8.88 0.00	68.51 -9.17 0.00	60.67 -6.81 0.00	57.74 -5.92 0.00	55.51 -6.65 0.00	54.03 -6.41 0.00	54.18 -7.67 0.00	54.39 -7.70 0.00	57.31 -7.38 0.00	64.40 -8.70 0.00	75.65 -9.45 0.00	72.06 -8.19 0.00	65.07 -7.88 0.00	56.78 -7.23 0.00	50.71 -6.78 0.00	45.06 -5.85 0.00	40.91 -4.80 0.00
MODERN_LFGE___ 323580	43.23 -4.43 0.00	39.74 -4.22 0.00	38.59 -4.19 0.00	38.20 -4.29 0.00	38.58 -4.53 0.00	41.41 -5.06 0.00	60.76 -7.21 0.00	77.35 -8.88 0.00	68.51 -9.17 0.00	60.67 -6.81 0.00	57.74 -5.92 0.00	55.51 -6.65 0.00	54.03 -6.41 0.00	54.18 -7.67 0.00	54.39 -7.70 0.00	57.31 -7.38 0.00	64.40 -8.70 0.00	75.65 -9.45 0.00	72.06 -8.19 0.00	65.07 -7.88 0.00	56.78 -7.23 0.00	50.71 -6.78 0.00	45.06 -5.85 0.00	40.91 -4.80 0.00
MOHAWK_PAPER___DRP 24187	49.32 1.67 0.00	45.50 1.54 0.00	44.37 1.58 0.00	44.11 1.61 0.00	44.62 1.51 0.00	48.15 1.67 0.00	69.60 1.63 0.00	88.21 1.98 0.00	79.54 1.86 0.00	69.17 1.69 0.00	64.87 1.21 0.00	63.41 1.24 0.00	61.47 1.03 0.00	63.21 1.36 0.00	63.59 1.49 0.00	66.18 1.49 0.00	74.85 1.75 0.00	87.06 1.96 0.00	82.01 1.77 0.00	74.48 1.53 0.00	65.55 1.54 0.00	58.93 1.44 0.00	52.49 1.58 0.00	47.04 1.33 0.00
MOHICAN___35_KV_115KV_LD 80490	49.80 2.14 0.00	45.94 1.98 0.00	44.79 2.01 0.00	44.58 2.08 0.00	45.01 1.90 0.00	48.80 2.32 0.00	71.02 3.06 0.00	90.28 4.05 0.00	81.01 3.34 0.00	70.38 2.90 0.00	65.95 2.29 0.00	64.40 2.24 0.00	62.31 1.87 0.00	63.95 2.10 0.00	64.33 2.24 0.00	66.95 2.26 0.00	75.87 2.78 0.00	88.67 3.57 0.00	83.61 3.37 0.00	75.79 2.84 0.00	66.64 2.62 0.00	59.73 2.24 0.00	53.15 2.24 0.00	48.41 2.70 0.00
MONGAUP___HYD 23641	50.23 2.57 0.00	46.20 2.24 0.00	45.05 2.27 0.00	44.74 2.25 0.00	45.35 2.24 0.00	48.84 2.37 0.00	71.63 3.67 0.00	90.71 4.48 0.00	81.32 3.65 0.00	70.11 2.63 0.00	66.02 2.36 0.00	64.47 2.30 0.00	62.61 2.17 0.00	64.20 2.35 0.00	64.58 2.49 0.00	67.53 2.84 0.00	76.68 3.58 0.00	89.44 4.34 0.00	84.41 4.17 0.00	76.59 3.65 0.00	67.15 3.14 0.00	60.37 2.87 0.00	53.35 2.44 0.00	47.90 2.19 0.00
MONTAUK___DIESEL 23721	51.61 3.96 0.00	47.25 3.30 0.00	45.91 3.12 0.00	45.55 3.06 0.00	46.17 3.06 0.00	50.38 3.90 0.00	73.61 5.64 0.00	91.32 5.09 0.00	82.64 4.97 0.00	71.39 3.91 0.00	67.67 4.01 0.00	66.39 4.23 0.00	65.22 4.77 -0.01	66.87 5.01 -0.01	67.20 5.09 -0.01	70.07 5.37 -0.01	79.93 5.85 -0.99	91.66 6.55 -0.01	86.51 6.26 -0.01	79.38 5.84 -0.60	68.95 4.93 -0.01	62.27 4.77 -0.01	54.37 3.46 0.00	49.00 3.29 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.99 -4.67 0.00	39.78 -4.18 0.00	38.08 -4.71 0.00	37.78 -4.72 0.00	38.37 -4.74 0.00	41.27 -5.21 0.00	61.24 -6.73 0.00	78.21 -8.02 0.00	69.13 -8.54 0.00	60.80 -6.68 0.00	58.06 -5.60 0.00	55.76 -6.40 0.00	54.40 -6.04 0.00	54.68 -7.17 0.00	54.77 -7.33 0.00	57.57 -7.12 0.00	64.76 -8.33 0.00	78.21 -6.89 0.00	74.71 -5.54 0.00	65.80 -7.15 0.00	57.23 -6.79 0.00	50.31 -7.19 0.00	44.95 -5.96 0.00	40.73 -4.98 0.00

MORRIS_RIDGE___SOLAR 323848	43.84 -3.81 0.00	40.18 -3.78 0.00	38.98 -3.81 0.00	38.50 -4.00 0.00	39.06 -4.05 0.00	42.01 -4.46 0.00	62.05 -5.91 0.00	79.25 -6.98 0.00	70.99 -6.68 0.00	61.95 -5.53 0.00	58.76 -4.90 0.00	56.45 -5.72 0.00	55.00 -5.44 0.00	55.48 -6.37 0.00	55.95 -6.15 0.00	59.12 -5.56 0.00	66.45 -6.65 0.00	78.29 -6.81 0.00	74.62 -5.62 0.00	67.33 0.00 0.00	58.64 -5.38 0.00	52.26 -5.23 0.00	46.33 -4.58 0.00	41.73 -3.98 0.00
MORTIMER_115KV_TB3 55949	45.27 -2.38 0.00	41.94 -2.02 0.00	40.43 -2.35 0.00	40.16 -2.34 0.00	40.78 -2.33 0.00	43.92 -2.56 0.00	64.57 -3.40 0.00	82.26 -3.97 0.00	73.40 -4.27 0.00	64.58 -2.90 0.00	61.18 -2.48 0.00	59.24 -2.92 0.00	57.54 -2.90 0.00	58.26 -3.59 0.00	58.49 -3.60 0.00	61.19 -3.49 0.00	69.08 -4.02 0.00	80.93 -4.17 0.00	76.47 -3.77 0.00	69.44 -3.50 0.00	60.62 -3.39 0.00	53.87 -3.62 0.00	47.80 -3.11 0.00	43.29 -2.42 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.75 3.10 0.00	46.68 2.73 0.00	45.52 2.74 0.00	45.17 2.68 0.00	45.70 2.59 0.00	49.31 2.84 0.00	72.18 4.21 0.00	91.06 4.83 0.00	82.33 4.66 0.00	71.26 3.78 0.00	67.35 3.69 0.00	65.96 3.79 0.00	64.13 3.69 0.00	65.75 3.90 0.00	65.94 3.85 0.00	68.70 4.01 0.00	77.56 4.46 0.00	90.12 5.02 0.00	84.90 4.65 0.00	77.18 4.23 0.00	67.60 3.58 0.00	60.94 3.45 0.00	53.96 3.05 0.00	48.32 2.61 0.00
MUNSVILLE_WIND_PWR 323609	50.09 2.43 0.00	46.20 2.24 0.00	44.79 2.01 0.00	44.36 1.87 0.00	45.14 2.03 0.00	48.80 2.32 0.00	72.18 4.22 0.00	92.61 6.38 0.00	82.65 4.98 0.00	71.46 3.98 0.00	67.61 3.95 0.00	65.64 3.48 0.00	64.07 3.63 0.00	64.88 3.03 0.00	65.26 3.17 0.00	68.50 3.82 0.00	77.41 4.31 0.00	90.97 5.87 0.00	86.10 5.85 0.00	77.83 4.89 0.00	68.11 4.10 0.00	60.14 2.65 0.00	53.10 2.19 0.00	47.67 1.96 0.00
N SALMON___HYD 24042	47.66 0.00 0.00	43.87 -0.09 0.00	42.74 -0.04 0.00	42.66 0.17 0.00	43.45 0.34 0.00	47.13 0.65 0.00	69.19 1.22 0.00	87.86 1.63 0.00	79.22 1.55 0.00	68.76 1.28 0.00	65.00 1.34 0.00	63.34 1.18 0.00	61.83 1.39 0.00	63.09 1.24 0.00	62.96 0.87 0.00	65.53 0.84 0.00	73.83 0.73 0.00	86.04 0.94 0.00	81.04 0.80 0.00	73.82 0.88 0.00	65.10 1.09 0.00	59.05 1.55 0.00	52.03 1.12 0.00	46.62 0.91 0.00
N.AKRON__115KV_KNAPP 355671	44.32 -3.34 0.00	41.19 -2.77 0.00	39.49 -3.29 0.00	39.18 -3.31 0.00	39.70 -3.41 0.00	42.62 -3.86 0.00	62.87 -5.10 0.00	80.28 -5.95 0.00	71.15 -6.52 0.00	62.82 -4.66 0.00	59.65 -4.01 0.00	57.38 -4.79 0.00	55.73 -4.71 0.00	56.04 -5.81 0.00	56.26 -5.84 0.00	59.06 -5.63 0.00	66.66 -6.43 0.00	78.46 -6.64 0.00	74.55 -5.70 0.00	67.55 -5.40 0.00	58.83 -5.19 0.00	51.97 -5.52 0.00	46.33 -4.58 0.00	42.10 -3.61 0.00
N.E_GEN_SANDY PD 24062	50.60 1.95 -0.99	48.00 1.80 -2.24	46.60 1.80 -2.02	45.80 1.78 -1.52	47.70 1.73 -2.86	54.00 1.86 -5.66	69.80 1.84 0.00	88.82 2.58 0.00	80.00 2.33 0.00	72.40 2.16 -2.76	65.00 1.34 0.00	63.65 1.49 0.00	61.58 1.15 0.00	63.64 1.79 0.00	64.02 1.93 0.00	66.50 1.81 0.00	75.14 2.04 0.00	91.00 2.64 -3.26	91.79 2.41 -9.14	79.00 2.19 -3.87	67.51 1.99 -1.51	59.10 1.61 0.00	52.69 1.78 0.00	47.08 1.37 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.28 2.62 0.00	46.29 2.33 0.00	45.09 2.31 0.00	44.75 2.25 0.00	45.31 2.20 0.00	48.85 2.37 0.00	71.84 3.87 0.00	90.63 4.40 0.00	81.87 4.19 0.00	70.78 3.31 0.00	66.84 3.18 0.00	65.46 3.29 0.00	63.64 3.20 0.00	65.25 3.40 0.00	65.45 3.35 0.00	68.25 3.56 0.00	77.12 4.02 0.00	89.69 4.60 0.00	84.50 4.25 0.00	76.81 3.87 0.00	67.28 3.26 0.00	60.54 3.05 0.00	53.56 2.65 0.00	48.00 2.29 0.00
N.QUEENS_27_KV_LOAD 356247	50.90 3.24 0.00	46.81 2.86 0.00	45.69 2.91 0.00	45.30 2.80 0.00	45.78 2.67 0.00	49.22 2.74 0.00	71.63 3.67 0.00	90.46 4.23 0.00	81.87 4.19 0.00	70.92 3.44 0.00	67.16 3.50 0.00	65.83 3.67 0.00	64.01 3.57 0.00	65.62 3.77 0.00	65.82 3.73 0.00	68.50 3.82 0.00	77.19 4.09 0.00	89.61 4.51 0.00	84.42 4.17 0.00	76.74 3.79 0.00	67.28 3.26 0.00	60.83 3.33 0.00	54.02 3.11 0.00	48.41 2.70 0.00
N.TROY___115KV_TB1 355778	49.42 1.76 0.00	45.58 1.63 0.00	44.45 1.67 0.00	44.19 1.70 0.00	44.71 1.60 0.00	48.24 1.77 0.00	69.94 1.97 0.00	88.82 2.59 0.00	80.00 2.33 0.00	69.50 2.02 0.00	65.13 1.46 0.00	63.72 1.55 0.00	61.71 1.27 0.00	63.52 1.67 0.00	63.90 1.80 0.00	66.50 1.81 0.00	75.22 2.12 0.00	87.74 2.64 0.00	82.65 2.41 0.00	75.06 2.12 0.00	65.93 1.92 0.00	59.22 1.72 0.00	52.59 1.68 0.00	47.17 1.46 0.00
NARROWS_GT1_1 24228	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT1_2 24229	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT1_3 24230	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT1_4 24231	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT1_5 24232	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01

NARROWS_GT1_6 24233	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT1_7 24234	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT1_8 24235	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT2_1 24236	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT2_2 24237	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT2_3 24238	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT2_4 24239	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT2_5 24240	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT2_6 24241	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT2_7 24242	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NARROWS_GT2_8 24243	51.43 3.76 -0.01	47.22 3.25 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.26 3.15 -0.01	49.82 3.35 0.00	72.18 4.22 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.86 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.13 4.03 0.00	68.63 3.95 0.00	77.48 4.39 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.73 0.00	54.63 3.71 -0.01	48.96 3.25 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.71 2.05 0.00	45.85 1.89 0.00	44.75 1.97 0.00	44.49 2.00 0.00	45.01 1.90 0.00	48.52 2.04 0.00	70.34 2.38 0.00	89.16 2.93 0.00	79.85 2.17 0.00	69.03 1.55 0.00	64.62 0.95 0.00	63.10 0.93 0.00	61.16 0.73 0.00	62.90 1.05 0.00	63.27 1.18 0.00	66.18 1.49 0.00	75.22 2.12 0.00	87.65 2.55 0.00	82.73 2.49 0.00	74.99 2.04 0.00	66.00 1.98 0.00	59.39 1.90 0.00	52.84 1.93 0.00	47.40 1.69 0.00
NCHELSEA_115KV_TR2 355582	50.42 2.76 0.00	46.46 2.51 0.00	45.31 2.52 0.00	44.96 2.46 0.00	45.52 2.41 0.00	49.03 2.56 0.00	71.91 3.94 0.00	90.89 4.66 0.00	81.94 4.27 0.00	70.85 3.37 0.00	66.84 3.18 0.00	65.40 3.23 0.00	63.46 3.02 0.00	64.88 3.03 0.00	64.95 2.86 0.00	67.86 3.17 0.00	76.75 3.65 0.00	89.27 4.17 0.00	84.17 3.93 0.00	76.45 3.50 0.00	67.22 3.20 0.00	60.65 3.16 0.00	53.61 2.70 0.00	48.09 2.38 0.00
NEG CAPITAL____MECHNVIL 23645	49.85 2.19 0.00	46.02 2.07 0.00	44.84 2.05 0.00	44.58 2.08 0.00	45.05 1.94 0.00	48.71 2.23 0.00	70.88 2.92 0.00	90.02 3.79 0.00	80.93 3.26 0.00	70.31 2.83 0.00	65.95 2.29 0.00	64.47 2.30 0.00	62.43 1.99 0.00	64.20 2.35 0.00	64.58 2.49 0.00	67.21 2.52 0.00	76.09 3.00 0.00	88.84 3.74 0.00	83.69 3.45 0.00	75.94 2.99 0.00	66.70 2.69 0.00	59.73 2.24 0.00	53.15 2.24 0.00	47.54 1.83 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.70 -2.95 0.00	41.23 -2.73 0.00	40.09 -2.69 0.00	39.73 -2.76 0.00	40.40 -2.71 0.00	43.55 -2.93 0.00	64.09 -3.87 0.00	81.57 -4.66 0.00	73.01 -4.66 0.00	64.04 -3.44 0.00	60.61 -3.05 0.00	58.81 -3.36 0.00	57.12 -3.32 0.00	57.96 -3.89 0.00	58.18 -3.91 0.00	60.93 -3.75 0.00	68.63 -4.46 0.00	80.25 -4.85 0.00	75.75 -4.49 0.00	68.86 -4.08 0.00	60.11 -3.91 0.00	53.70 -3.80 0.00	47.45 -3.46 0.00	42.83 -2.88 0.00

NEG CENTRAL___DRP 24199	46.51 -1.14 0.00	42.99 -0.97 0.00	41.67 -1.11 0.00	41.35 -1.15 0.00	42.03 -1.08 0.00	45.27 -1.21 0.00	66.61 -1.36 0.00	84.76 -1.47 0.00	76.04 -1.63 0.00	66.26 -1.21 0.00	62.58 -1.08 0.00	60.92 -1.24 0.00	59.17 -1.27 0.00	60.30 -1.55 0.00	60.48 -1.61 0.00	63.20 -1.49 0.00	71.41 -1.68 0.00	83.40 -1.70 0.00	78.88 -1.36 0.00	71.63 -1.31 0.00	62.61 -1.41 0.00	55.83 -1.67 0.00	49.43 -1.48 0.00	44.52 -1.19 0.00
NEG CENTRAL___INDECK 23768	45.80 -1.86 0.00	42.07 -1.89 0.00	40.86 -1.92 0.00	40.41 -2.08 0.00	41.13 -1.98 0.00	44.43 -2.04 0.00	63.55 -4.42 0.00	81.40 -4.83 0.00	72.31 -5.36 0.00	63.02 -4.46 0.00	59.27 -4.39 0.00	57.07 -5.10 0.00	55.48 -4.95 0.00	56.16 -5.69 0.00	56.63 -5.46 0.00	59.77 -4.92 0.00	67.54 -5.56 0.00	79.74 -5.36 0.00	75.75 -4.49 0.00	68.86 -4.08 0.00	59.92 -4.10 0.00	55.19 -2.30 0.00	48.67 -2.24 0.00	43.88 -1.83 0.00
NEG CENTRAL___SENECA 23627	46.23 -1.43 0.00	42.73 -1.23 0.00	41.37 -1.41 0.00	41.05 -1.44 0.00	41.73 -1.38 0.00	44.99 -1.49 0.00	66.20 -1.77 0.00	84.33 -1.90 0.00	75.57 -2.10 0.00	65.99 -1.48 0.00	62.39 -1.27 0.00	60.61 -1.55 0.00	58.87 -1.57 0.00	59.87 -1.98 0.00	60.11 -1.99 0.00	62.81 -1.88 0.00	70.98 -2.12 0.00	82.97 -2.13 0.00	78.40 -1.85 0.00	71.20 -1.75 0.00	62.22 -1.79 0.00	55.37 -2.13 0.00	49.08 -1.83 0.00	44.25 -1.46 0.00
NEG CENTRAL___STATE_STREET 24147	47.04 -0.62 0.00	43.43 -0.53 0.00	42.14 -0.64 0.00	41.81 -0.68 0.00	42.46 -0.65 0.00	45.73 -0.74 0.00	67.28 -0.68 0.00	85.63 -0.60 0.00	76.82 -0.85 0.00	66.74 -0.74 0.00	62.90 -0.76 0.00	61.29 -0.87 0.00	59.53 -0.91 0.00	60.80 -1.05 0.00	61.04 -1.06 0.00	63.78 -0.91 0.00	72.07 -1.02 0.00	84.25 -0.85 0.00	79.68 -0.56 0.00	72.36 -0.58 0.00	63.31 -0.70 0.00	56.52 -0.98 0.00	50.04 -0.87 0.00	44.98 -0.73 0.00
NEG MILLWOOD___DRP 24198	50.66 3.00 0.00	46.64 2.68 0.00	45.52 2.74 0.00	45.17 2.68 0.00	45.74 2.63 0.00	49.22 2.74 0.00	72.38 4.42 0.00	91.40 5.17 0.00	82.49 4.82 0.00	71.39 3.91 0.00	67.35 3.69 0.00	65.90 3.73 0.00	64.07 3.63 0.00	65.62 3.77 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.34 4.24 0.00	89.78 4.68 0.00	84.74 4.49 0.00	77.03 4.08 0.00	67.54 3.52 0.00	60.88 3.39 0.00	53.81 2.90 0.00	48.22 2.51 0.00
NEG NORTH_FLCN_SEA 23793	46.85 -0.81 0.00	43.17 -0.79 0.00	42.14 -0.64 0.00	42.07 -0.42 0.00	42.89 -0.22 0.00	46.43 -0.05 0.00	67.62 -0.34 0.00	85.80 -0.43 0.00	77.44 -0.23 0.00	67.21 -0.27 0.00	63.98 0.32 0.00	62.48 0.31 0.00	60.92 0.48 0.00	62.22 0.37 0.00	62.41 0.31 0.00	64.36 -0.32 0.00	72.66 -0.44 0.00	84.59 -0.51 0.00	79.68 -0.56 0.00	72.51 -0.44 0.00	64.01 0.00 0.00	58.58 1.09 0.00	51.67 0.76 0.00	46.30 0.59 0.00
NEG NORTH_KES_CHATEGAY 23792	47.04 -0.62 0.00	43.34 -0.62 0.00	42.31 -0.47 0.00	42.20 -0.30 0.00	43.02 -0.09 0.00	46.57 0.09 0.00	68.24 0.27 0.00	86.58 0.34 0.00	77.98 0.31 0.00	67.68 0.20 0.00	64.04 0.38 0.00	62.48 0.31 0.00	60.86 0.42 0.00	62.22 0.37 0.00	62.47 0.37 0.00	64.82 0.13 0.00	73.24 0.15 0.00	85.27 0.17 0.00	80.40 0.16 0.00	73.16 0.22 0.00	64.33 0.32 0.00	58.35 0.86 0.00	51.47 0.56 0.00	46.17 0.46 0.00
NEG NORTH___ALICE_FALLS 23915	47.18 -0.48 0.00	43.43 -0.53 0.00	42.40 -0.39 0.00	42.32 -0.17 0.00	43.15 0.04 0.00	46.75 0.28 0.00	68.37 0.41 0.00	86.75 0.52 0.00	78.14 0.47 0.00	67.88 0.40 0.00	64.36 0.70 0.00	62.79 0.62 0.00	61.23 0.79 0.00	62.53 0.68 0.00	62.72 0.62 0.00	64.88 0.19 0.00	73.32 0.22 0.00	85.44 0.34 0.00	80.48 0.24 0.00	73.24 0.29 0.00	64.53 0.51 0.00	58.81 1.32 0.00	51.83 0.92 0.00	46.49 0.78 0.00
NEG NORTH___LWR_SARANAC 23913	47.18 -0.48 0.00	43.43 -0.53 0.00	42.40 -0.39 0.00	42.32 -0.17 0.00	43.15 0.04 0.00	46.75 0.28 0.00	68.37 0.41 0.00	86.75 0.52 0.00	78.14 0.47 0.00	67.88 0.40 0.00	64.36 0.70 0.00	62.79 0.62 0.00	61.23 0.79 0.00	62.53 0.68 0.00	62.72 0.62 0.00	64.88 0.19 0.00	73.32 0.22 0.00	85.44 0.34 0.00	80.48 0.24 0.00	73.24 0.29 0.00	64.53 0.51 0.00	58.81 1.32 0.00	51.83 0.92 0.00	46.49 0.78 0.00
NEG NORTH___PLATTSBURG 23628	47.18 -0.48 0.00	43.43 -0.53 0.00	42.40 -0.39 0.00	42.32 -0.17 0.00	43.15 0.04 0.00	46.76 0.28 0.00	68.37 0.41 0.00	86.75 0.52 0.00	78.14 0.47 0.00	67.89 0.41 0.00	64.36 0.70 0.00	62.79 0.62 0.00	61.22 0.78 0.00	62.53 0.68 0.00	62.53 0.44 0.00	64.88 0.19 0.00	73.32 0.22 0.00	85.44 0.34 0.00	80.48 0.24 0.00	73.24 0.29 0.00	64.72 0.71 0.00	58.82 1.32 0.00	51.83 0.92 0.00	46.49 0.78 0.00
NEG WEST_LEA_LOCKPORT 23791	43.61 -4.05 0.00	40.48 -3.47 0.00	38.76 -4.02 0.00	38.46 -4.04 0.00	38.93 -4.18 0.00	41.69 -4.79 0.00	61.37 -6.59 0.00	78.21 -8.02 0.00	69.28 -8.39 0.00	61.27 -6.21 0.00	58.31 -5.35 0.00	56.07 -6.09 0.00	54.52 -5.92 0.00	54.74 -7.11 0.00	54.95 -7.14 0.00	57.70 -6.99 0.00	65.06 -8.04 0.00	76.50 -8.59 0.00	72.86 -7.38 0.00	65.80 -7.15 0.00	57.42 -6.59 0.00	50.71 -6.78 0.00	45.36 -5.55 0.00	41.23 -4.48 0.00
NEG WEST___LANCASTR 23811	43.89 -3.76 0.00	40.66 -3.30 0.00	38.98 -3.81 0.00	38.63 -3.87 0.00	39.19 -3.92 0.00	42.11 -4.37 0.00	62.32 -5.64 0.00	79.33 -6.90 0.00	70.06 -7.61 0.00	61.61 -5.87 0.00	58.70 -4.97 0.00	56.38 -5.78 0.00	54.82 -5.62 0.00	55.17 -6.68 0.00	55.33 -6.77 0.00	58.15 -6.53 0.00	65.49 -7.60 0.00	77.35 -7.74 0.00	73.90 -6.34 0.00	66.60 -6.35 0.00	58.00 -6.02 0.00	51.17 -6.32 0.00	45.72 -5.19 0.00	41.37 -4.34 0.00
NEG_PENN_ALLEGHNY 23528	47.75 0.10 0.00	44.00 0.04 0.00	42.78 0.00 0.00	42.41 -0.08 0.00	43.02 -0.09 0.00	46.34 -0.14 0.00	68.17 0.20 0.00	86.58 0.35 0.00	77.91 0.23 0.00	67.68 0.20 0.00	63.92 0.26 0.00	62.29 0.12 0.00	60.56 0.12 0.00	61.79 -0.06 0.00	61.97 -0.12 0.00	64.82 0.13 0.00	73.10 0.00 0.00	85.27 0.17 0.00	80.65 0.40 0.00	73.17 0.22 0.00	64.08 0.06 0.00	57.26 -0.23 0.00	50.71 -0.20 0.00	45.57 -0.14 0.00
NEG___GEN_MONROE 24207	45.27 -2.38 0.00	41.98 -1.98 0.00	40.43 -2.35 0.00	40.11 -2.38 0.00	40.78 -2.33 0.00	43.87 -2.60 0.00	64.50 -3.47 0.00	82.09 -4.14 0.00	73.09 -4.58 0.00	64.31 -3.17 0.00	60.99 -2.67 0.00	58.99 -3.17 0.00	57.24 -3.20 0.00	57.95 -3.90 0.00	58.06 -4.04 0.00	60.81 -3.88 0.00	68.64 -4.46 0.00	80.42 -4.68 0.00	76.15 -4.09 0.00	69.23 -3.72 0.00	60.37 -3.65 0.00	53.58 -3.91 0.00	47.65 -3.26 0.00	43.29 -2.42 0.00
NEPA___ENERGY 23901	44.08 -3.57 0.00	40.84 -3.12 0.00	39.15 -3.64 0.00	38.80 -3.70 0.00	39.36 -3.75 0.00	42.34 -4.14 0.00	62.66 -5.30 0.00	79.50 -6.73 0.00	70.14 -7.53 0.00	61.61 -5.87 0.00	58.70 -4.97 0.00	56.45 -5.72 0.00	54.88 -5.56 0.00	55.23 -6.62 0.00	55.39 -6.71 0.00	58.22 -6.47 0.00	65.64 -7.46 0.00	77.70 -7.40 0.00	74.22 -6.02 0.00	66.75 -6.20 0.00	58.19 -5.83 0.00	51.28 -6.21 0.00	45.77 -5.14 0.00	41.55 -4.16 0.00

NEVERSINK___HYD 23608	50.13 2.48 0.00	46.15 2.20 0.00	44.96 2.18 0.00	44.66 2.17 0.00	45.26 2.15 0.00	48.75 2.28 0.00	71.63 3.67 0.00	90.71 4.48 0.00	81.48 3.80 0.00	70.38 2.90 0.00	66.33 2.67 0.00	64.84 2.67 0.00	63.04 2.60 0.00	64.51 2.66 0.00	64.76 2.67 0.00	67.66 2.98 0.00	76.75 3.65 0.00	89.35 4.25 0.00	84.33 4.09 0.00	76.52 3.57 0.00	67.09 3.07 0.00	60.37 2.87 0.00	53.30 2.39 0.00	47.86 2.15 0.00
NEWKRMKL_115KV_TB1 55635	49.13 1.48 0.00	45.32 1.36 0.00	44.20 1.41 0.00	43.94 1.44 0.00	44.45 1.34 0.00	47.96 1.49 0.00	69.05 1.09 0.00	87.35 1.12 0.00	78.91 1.24 0.00	68.56 1.08 0.00	64.36 0.70 0.00	62.97 0.81 0.00	61.04 0.60 0.00	62.78 0.93 0.00	63.15 1.06 0.00	65.72 1.04 0.00	74.27 1.17 0.00	86.12 1.02 0.00	81.04 0.80 0.00	73.68 0.73 0.00	64.97 0.96 0.00	58.47 0.98 0.00	52.23 1.32 0.00	46.85 1.14 0.00
NEWTON___FALLS_HYD 23847	47.89 0.24 0.00	44.09 0.13 0.00	42.57 -0.21 0.00	42.32 -0.17 0.00	43.02 -0.09 0.00	46.43 -0.05 0.00	68.30 0.34 0.00	86.92 0.69 0.00	78.06 0.39 0.00	67.55 0.07 0.00	63.92 0.25 0.00	62.35 0.19 0.00	61.29 0.85 0.00	62.41 0.56 0.00	62.47 0.37 0.00	64.49 -0.19 0.00	72.58 -0.51 0.00	84.67 -0.43 0.00	79.52 -0.72 0.00	72.51 -0.44 0.00	64.08 0.06 0.00	57.95 0.46 0.00	51.16 0.25 0.00	45.89 0.18 0.00
NGRID_A1_DSASP 323792	42.80 -4.86 0.00	39.78 -4.18 0.00	38.03 -4.75 0.00	37.78 -4.72 0.00	38.45 -4.66 0.00	40.95 -5.53 0.00	60.15 -7.82 0.00	76.49 -9.74 0.00	67.89 -9.79 0.00	60.12 -7.36 0.00	57.23 -6.43 0.00	55.08 -7.09 0.00	53.55 -6.89 0.00	53.75 -8.10 0.00	53.90 -8.20 0.00	56.54 -8.15 0.00	63.74 -9.36 0.00	74.89 -10.21 0.00	71.34 -8.91 0.00	64.41 -8.53 0.00	56.27 -7.75 0.00	49.73 -7.76 0.00	44.55 -6.36 0.00	40.50 -5.21 0.00
NGRID_A2_DSASP 323793	42.80 -4.86 0.00	39.78 -4.18 0.00	38.03 -4.75 0.00	37.78 -4.72 0.00	38.45 -4.66 0.00	40.95 -5.53 0.00	60.15 -7.82 0.00	76.49 -9.74 0.00	67.89 -9.79 0.00	60.12 -7.36 0.00	57.23 -6.43 0.00	55.08 -7.09 0.00	53.55 -6.89 0.00	53.75 -8.10 0.00	53.90 -8.20 0.00	56.54 -8.15 0.00	63.74 -9.36 0.00	74.89 -10.21 0.00	71.34 -8.91 0.00	64.41 -8.53 0.00	56.27 -7.75 0.00	49.73 -7.76 0.00	44.55 -6.36 0.00	40.50 -5.21 0.00
NGRID_A4_DSASP 323807	42.80 -4.86 0.00	39.78 -4.18 0.00	38.03 -4.75 0.00	37.78 -4.72 0.00	38.45 -4.66 0.00	40.95 -5.53 0.00	60.15 -7.82 0.00	76.49 -9.74 0.00	67.89 -9.79 0.00	60.12 -7.36 0.00	57.23 -6.43 0.00	55.08 -7.09 0.00	53.55 -6.89 0.00	53.75 -8.10 0.00	53.90 -8.20 0.00	56.54 -8.15 0.00	63.74 -9.36 0.00	74.89 -10.21 0.00	71.34 -8.91 0.00	64.41 -8.53 0.00	56.27 -7.75 0.00	49.73 -7.76 0.00	44.55 -6.36 0.00	40.50 -5.21 0.00
NIAGARA_115E_LBMP 323715	43.03 -4.62 0.00	39.52 -4.44 0.00	38.38 -4.41 0.00	37.99 -4.51 0.00	38.37 -4.74 0.00	41.13 -5.34 0.00	60.35 -7.61 0.00	76.74 -9.49 0.00	68.04 -9.63 0.00	60.26 -7.22 0.00	57.36 -6.30 0.00	55.14 -7.02 0.00	53.67 -6.77 0.00	53.87 -7.98 0.00	54.02 -8.07 0.00	56.99 -7.70 0.00	63.96 -9.14 0.00	75.14 -9.96 0.00	71.57 -8.67 0.00	64.63 -8.32 0.00	56.40 -7.62 0.00	50.42 -7.07 0.00	44.75 -6.16 0.00	40.63 -5.08 0.00
NIAGARA_115W_LBMP 323714	42.70 -4.96 0.00	39.25 -4.70 0.00	38.08 -4.71 0.00	37.69 -4.80 0.00	38.41 -4.70 0.00	40.94 -5.53 0.00	60.01 -7.95 0.00	76.32 -9.91 0.00	67.65 -10.02 0.00	59.99 -7.49 0.00	57.11 -6.56 0.00	54.96 -7.21 0.00	53.43 -7.01 0.00	53.62 -8.23 0.00	53.78 -8.32 0.00	56.66 -8.02 0.00	63.60 -9.50 0.00	74.71 -10.39 0.00	71.09 -9.15 0.00	64.26 -8.68 0.00	56.14 -7.88 0.00	50.13 -7.36 0.00	44.54 -6.37 0.00	40.50 -5.21 0.00
NIAGARA_230_LBMP 323716	43.37 -4.29 0.00	39.87 -4.09 0.00	38.68 -4.11 0.00	38.29 -4.21 0.00	38.80 -4.31 0.00	41.60 -4.88 0.00	61.03 -6.93 0.00	77.52 -8.71 0.00	68.74 -8.93 0.00	60.87 -6.61 0.00	57.93 -5.73 0.00	55.76 -6.40 0.00	54.27 -6.17 0.00	54.49 -7.36 0.00	54.64 -7.45 0.00	57.57 -7.12 0.00	64.69 -8.40 0.00	75.91 -9.19 0.00	72.30 -7.95 0.00	65.29 -7.66 0.00	57.04 -6.98 0.00	50.94 -6.56 0.00	45.21 -5.70 0.00	41.10 -4.61 0.00
NIAGARA___115KV_198_GIBSON 55903	42.70 -4.96 0.00	39.65 -4.31 0.00	37.95 -4.83 0.00	37.69 -4.80 0.00	38.37 -4.74 0.00	40.85 -5.62 0.00	60.01 -7.95 0.00	76.31 -9.92 0.00	67.65 -10.02 0.00	59.99 -7.49 0.00	57.04 -6.62 0.00	54.89 -7.27 0.00	53.37 -7.07 0.00	53.62 -8.23 0.00	53.77 -8.32 0.00	56.41 -8.28 0.00	63.59 -9.50 0.00	74.72 -10.38 0.00	71.09 -9.15 0.00	64.27 -8.68 0.00	56.14 -7.87 0.00	49.62 -7.88 0.00	44.44 -6.47 0.00	40.41 -5.30 0.00
NIAGARA____ 23760	43.37 -4.29 0.00	39.87 -4.09 0.00	38.68 -4.11 0.00	38.29 -4.21 0.00	38.80 -4.31 0.00	41.60 -4.88 0.00	61.03 -6.93 0.00	77.52 -8.71 0.00	68.74 -8.93 0.00	60.87 -6.61 0.00	57.93 -5.73 0.00	55.76 -6.40 0.00	54.27 -6.17 0.00	54.49 -7.36 0.00	54.64 -7.45 0.00	57.57 -7.12 0.00	64.69 -8.40 0.00	75.91 -9.19 0.00	72.30 -7.95 0.00	65.29 -7.66 0.00	57.04 -6.98 0.00	50.94 -6.56 0.00	45.21 -5.70 0.00	41.10 -4.61 0.00
NINE_MILE_1 23575	45.75 -1.91 0.00	42.24 -1.72 0.00	41.07 -1.71 0.00	40.75 -1.74 0.00	41.38 -1.73 0.00	44.57 -1.91 0.00	65.17 -2.79 0.00	82.78 -3.45 0.00	74.48 -3.19 0.00	64.78 -2.70 0.00	61.11 -2.55 0.00	59.61 -2.55 0.00	57.96 -2.48 0.00	59.25 -2.60 0.00	59.49 -2.61 0.00	62.03 -2.65 0.00	70.10 -3.00 0.00	81.78 -3.32 0.00	77.11 -3.13 0.00	70.10 -2.85 0.00	61.39 -2.63 0.00	55.02 -2.47 0.00	48.77 -2.14 0.00	43.83 -1.88 0.00
NINE_MILE_2 23744	45.75 -1.91 0.00	42.24 -1.72 0.00	41.07 -1.71 0.00	40.75 -1.74 0.00	41.38 -1.73 0.00	44.57 -1.91 0.00	65.17 -2.79 0.00	82.78 -3.45 0.00	74.48 -3.19 0.00	64.78 -2.70 0.00	61.11 -2.55 0.00	59.61 -2.55 0.00	57.96 -2.48 0.00	59.25 -2.60 0.00	59.49 -2.61 0.00	62.03 -2.65 0.00	70.10 -3.00 0.00	81.78 -3.32 0.00	77.11 -3.13 0.00	70.10 -2.85 0.00	61.39 -2.63 0.00	55.02 -2.47 0.00	48.77 -2.14 0.00	43.83 -1.88 0.00
NM_CAPITAL___DRP 24208	49.13 1.48 0.00	45.32 1.36 0.00	44.20 1.41 0.00	43.94 1.44 0.00	44.45 1.34 0.00	47.92 1.44 0.00	69.12 1.16 0.00	87.52 1.29 0.00	78.99 1.32 0.00	68.69 1.21 0.00	64.42 0.76 0.00	63.04 0.87 0.00	61.10 0.66 0.00	62.84 0.99 0.00	63.21 1.12 0.00	65.79 1.10 0.00	74.34 1.24 0.00	86.29 1.19 0.00	81.29 1.04 0.00	73.89 0.95 0.00	65.10 1.09 0.00	58.53 1.03 0.00	52.23 1.32 0.00	46.81 1.10 0.00
NM_CENTRAL___DRP 24181	46.66 -1.00 0.00	43.08 -0.88 0.00	41.84 -0.94 0.00	41.52 -0.98 0.00	42.16 -0.95 0.00	45.41 -1.07 0.00	66.47 -1.50 0.00	84.51 -1.72 0.00	76.04 -1.63 0.00	66.20 -1.28 0.00	62.45 -1.21 0.00	60.92 -1.24 0.00	59.23 -1.21 0.00	60.49 -1.36 0.00	60.67 -1.43 0.00	63.33 -1.36 0.00	71.49 -1.61 0.00	83.40 -1.70 0.00	78.72 -1.52 0.00	71.49 -1.46 0.00	62.61 -1.41 0.00	56.00 -1.49 0.00	49.69 -1.22 0.00	44.66 -1.05 0.00

NM_FRONTIER___DRP 24179	42.70 -4.96 0.00	39.65 -4.31 0.00	37.95 -4.83 0.00	37.69 -4.80 0.00	38.37 -4.74 0.00	40.85 -5.62 0.00	60.01 -7.95 0.00	76.31 -9.92 0.00	67.65 -10.02 0.00	59.99 -7.49 0.00	57.04 -6.62 0.00	54.89 -7.27 0.00	53.37 -7.07 0.00	53.62 -8.23 0.00	53.77 -8.32 0.00	56.41 -8.28 0.00	63.59 -9.50 0.00	74.72 -10.38 0.00	71.09 -9.15 0.00	64.27 -8.68 0.00	56.14 -7.87 0.00	49.62 -7.88 0.00	44.44 -6.47 0.00	40.41 -5.30 0.00
NM_ST_REGIS___HYD 24053	48.08 0.43 0.00	44.22 0.26 0.00	43.00 0.21 0.00	42.83 0.34 0.00	43.58 0.47 0.00	47.17 0.70 0.00	69.32 1.36 0.00	88.04 1.81 0.00	79.38 1.71 0.00	68.83 1.35 0.00	65.00 1.34 0.00	63.28 1.12 0.00	61.89 1.45 0.00	63.09 1.24 0.00	63.27 1.18 0.00	65.46 0.78 0.00	73.39 0.29 0.00	85.35 0.26 0.00	80.40 0.16 0.00	73.38 0.44 0.00	65.04 1.02 0.00	58.99 1.49 0.00	52.03 1.12 0.00	46.67 0.96 0.00
NORTHPORT___1 23551	51.47 3.81 0.00	47.08 3.12 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.08 2.97 0.00	50.15 3.67 0.00	73.74 5.77 0.00	91.23 5.00 0.00	83.65 5.98 0.00	72.34 4.86 0.00	68.05 4.39 0.00	67.02 4.85 0.00	65.41 4.96 -0.01	66.93 5.07 -0.01	67.32 5.22 -0.01	69.55 4.85 -0.01	77.08 4.97 0.99	90.64 5.53 -0.01	85.55 5.29 -0.01	77.38 4.96 0.53	68.76 4.74 -0.01	62.22 4.72 -0.01	54.78 3.87 0.00	48.96 3.25 0.00
NORTHPORT___2 23552	51.47 3.81 0.00	47.08 3.12 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.08 2.97 0.00	50.15 3.67 0.00	73.74 5.77 0.00	91.23 5.00 0.00	83.65 5.98 0.00	72.34 4.86 0.00	68.05 4.39 0.00	67.02 4.85 0.00	65.41 4.96 -0.01	66.93 5.07 -0.01	67.32 5.22 -0.01	69.55 4.85 -0.01	77.08 4.97 0.99	90.64 5.53 -0.01	85.55 5.29 -0.01	77.38 4.96 0.53	68.76 4.74 -0.01	62.22 4.72 -0.01	54.78 3.87 0.00	48.96 3.25 0.00
NORTHPORT___3 23553	51.33 3.67 0.00	46.99 3.03 0.00	45.73 2.95 0.00	45.38 2.89 0.00	46.00 2.89 0.00	50.01 3.53 0.00	73.54 5.57 0.00	91.06 4.83 0.00	83.50 5.83 0.00	72.13 4.65 0.00	67.93 4.27 0.00	66.83 4.66 0.00	65.29 4.84 -0.01	66.81 4.95 -0.01	67.13 5.03 -0.01	69.42 4.72 -0.01	77.25 4.75 0.60	90.47 5.36 -0.01	85.31 5.06 0.32	77.37 4.74 -0.01	68.63 4.61 -0.01	62.10 4.60 -0.01	54.68 3.77 0.00	48.86 3.15 0.00
NORTHPORT___4 23650	51.33 3.67 0.00	46.99 3.03 0.00	45.73 2.95 0.00	45.38 2.89 0.00	46.00 2.89 0.00	50.01 3.53 0.00	73.54 5.57 0.00	91.06 4.83 0.00	83.50 5.83 0.00	72.13 4.65 0.00	67.93 4.27 0.00	66.83 4.66 0.00	65.29 4.84 -0.01	66.81 4.95 -0.01	67.13 5.03 -0.01	69.42 4.72 -0.01	77.25 4.75 0.60	90.47 5.36 -0.01	85.31 5.06 0.32	77.37 4.74 -0.01	68.63 4.61 -0.01	62.10 4.60 -0.01	54.68 3.77 0.00	48.86 3.15 0.00
NORTHPORT___IC 23718	51.47 3.81 0.00	47.17 3.21 0.00	45.86 3.08 0.00	45.47 2.97 0.00	46.08 2.97 0.00	50.15 3.67 0.00	73.67 5.71 0.00	91.23 5.00 0.00	83.65 5.98 0.00	72.34 4.86 0.00	68.05 4.39 0.00	67.01 4.85 0.00	65.46 5.02 -0.01	66.93 5.07 -0.01	67.13 5.03 -0.01	69.68 4.98 -0.01	77.08 4.97 0.99	90.64 5.53 -0.01	85.55 5.30 -0.01	77.38 4.96 0.53	68.82 4.80 -0.01	62.27 4.77 -0.01	54.78 3.87 0.00	48.91 3.20 0.00
NORTH___COUNTRY_ESR 323785	46.89 -0.76 0.00	43.25 -0.71 0.00	42.23 -0.56 0.00	42.11 -0.38 0.00	42.94 -0.17 0.00	46.43 -0.05 0.00	68.03 0.07 0.00	86.32 0.09 0.00	77.91 0.23 0.00	67.61 0.14 0.00	64.05 0.38 0.00	62.48 0.31 0.00	60.92 0.48 0.00	62.22 0.37 0.00	62.28 0.19 0.00	64.75 0.06 0.00	73.17 0.07 0.00	85.18 0.09 0.00	80.16 -0.08 0.00	72.95 0.00 0.00	64.27 0.26 0.00	58.18 0.69 0.00	51.37 0.46 0.00	46.03 0.32 0.00
NPX_GEN_1385_PROXY 323591	51.33 3.67 0.00	46.95 2.99 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.08 2.97 0.00	50.33 3.86 0.00	73.54 5.57 0.00	91.40 5.17 0.00	83.96 6.29 0.00	72.60 5.13 0.00	68.05 4.39 0.00	67.02 4.85 0.00	65.41 4.96 -0.01	66.93 5.07 -0.01	67.50 5.40 -0.01	69.75 5.05 -0.01	77.08 4.97 0.99	93.17 6.30 -1.77	85.87 5.62 -0.01	77.45 5.03 0.53	68.89 4.86 -0.01	61.93 4.43 -0.01	54.68 3.77 0.00	48.82 3.11 0.00
NPX_GEN_CSC 323557	51.95 4.29 0.00	47.48 3.52 0.00	46.21 3.42 0.00	45.81 3.32 0.00	46.47 3.36 0.00	50.61 4.13 0.00	74.55 6.59 0.00	92.44 6.21 0.00	83.57 5.90 0.00	72.27 4.79 0.00	68.31 4.64 0.00	67.08 4.91 0.00	66.07 5.62 -0.01	67.74 5.88 -0.01	68.13 6.02 -0.01	70.78 6.08 -0.01	80.67 6.58 -0.99	92.43 7.32 -0.01	87.31 7.06 -0.01	80.12 6.57 -0.60	69.79 5.76 -0.01	63.08 5.58 -0.01	55.29 4.38 0.00	49.41 3.70 0.00
NSINS_S_GLNS_FALLS 23858	49.71 2.05 0.00	45.85 1.89 0.00	44.71 1.93 0.00	44.49 2.00 0.00	44.92 1.81 0.00	48.71 2.23 0.00	70.89 2.92 0.00	90.11 3.88 0.00	80.93 3.26 0.00	70.24 2.77 0.00	65.83 2.16 0.00	64.28 2.11 0.00	62.25 1.81 0.00	63.83 1.98 0.00	64.21 2.11 0.00	66.82 2.13 0.00	75.73 2.63 0.00	88.50 3.40 0.00	83.45 3.21 0.00	75.65 2.70 0.00	66.51 2.50 0.00	59.62 2.13 0.00	53.05 2.14 0.00	48.41 2.70 0.00
NUCOR_STEEL___DRP 24197	47.13 -0.52 0.00	43.56 -0.40 0.00	42.27 -0.51 0.00	41.94 -0.55 0.00	42.55 -0.56 0.00	45.83 -0.65 0.00	67.28 -0.68 0.00	85.63 -0.60 0.00	76.90 -0.78 0.00	66.80 -0.67 0.00	63.02 -0.64 0.00	61.42 -0.75 0.00	59.65 -0.79 0.00	60.92 -0.93 0.00	61.10 -0.99 0.00	63.91 -0.78 0.00	72.22 -0.88 0.00	84.33 -0.77 0.00	79.68 -0.56 0.00	72.36 -0.58 0.00	63.37 -0.64 0.00	56.57 -0.92 0.00	50.15 -0.76 0.00	45.07 -0.64 0.00
NUMBER_THREE_WT_PWR 323818	48.27 0.62 0.00	44.49 0.53 0.00	42.61 -0.17 0.00	42.28 -0.21 0.00	42.98 -0.13 0.00	46.43 -0.05 0.00	68.31 0.34 0.00	87.00 0.77 0.00	77.83 0.16 0.00	67.34 -0.13 0.00	63.60 -0.06 0.00	62.17 0.00 0.00	61.53 1.09 0.00	62.65 0.80 0.00	62.65 0.56 0.00	65.08 0.39 0.00	73.61 0.52 0.00	86.04 0.94 0.00	80.32 0.08 0.00	73.02 0.07 0.00	64.27 0.26 0.00	57.67 0.17 0.00	50.96 0.05 0.00	45.71 0.00 0.00
NYISO_LBMP_REFERENCE 24008	47.66 0.00 0.00	43.96 0.00 0.00	42.78 0.00 0.00	42.49 0.00 0.00	43.11 0.00 0.00	46.48 0.00 0.00	67.96 0.00 0.00	86.23 0.00 0.00	77.67 0.00 0.00	67.48 0.00 0.00	63.66 0.00 0.00	62.17 0.00 0.00	60.44 0.00 0.00	61.85 0.00 0.00	62.09 0.00 0.00	64.69 0.00 0.00	73.10 0.00 0.00	85.10 0.00 0.00	80.24 0.00 0.00	72.95 0.00 0.00	64.01 0.00 0.00	57.49 0.00 0.00	50.91 0.00 0.00	45.71 0.00 0.00
NYPA_BRENTWD____GT 24164	52.28 4.62 0.00	47.78 3.82 0.00	46.50 3.72 0.00	46.15 3.65 0.00	46.77 3.66 0.00	50.94 4.46 0.00	75.10 7.13 0.00	93.21 6.98 0.00	85.05 7.38 0.00	73.48 6.00 0.00	69.39 5.73 0.00	68.13 5.97 0.00	66.49 6.04 -0.01	68.10 6.24 -0.01	68.50 6.40 -0.01	71.04 6.34 -0.01	80.07 6.72 -0.25	93.02 7.92 -0.01	87.72 7.46 -0.01	79.43 6.34 -0.14	70.17 6.15 -0.01	63.37 5.87 -0.01	55.65 4.74 0.00	49.68 3.97 0.00

OAKDALE___35_KV_LOAD 356122	47.32 -0.33 0.00	43.69 -0.26 0.00	42.44 -0.34 0.00	42.07 -0.42 0.00	42.72 -0.39 0.00	45.96 -0.51 0.00	67.56 -0.41 0.00	85.71 -0.52 0.00	77.05 -0.62 0.00	67.01 -0.47 0.00	63.28 -0.38 0.00	61.61 -0.56 0.00	59.90 -0.54 0.00	61.11 -0.74 0.00	61.35 -0.75 0.00	64.11 -0.58 0.00	72.37 -0.73 0.00	84.50 -0.60 0.00	79.92 -0.32 0.00	72.51 -0.44 0.00	63.50 -0.51 0.00	56.69 -0.80 0.00	50.30 -0.61 0.00	45.21 -0.50 0.00
OCC_CHEM___DRP 24175	42.80 -4.86 0.00	39.78 -4.18 0.00	38.03 -4.75 0.00	37.78 -4.72 0.00	38.45 -4.66 0.00	40.95 -5.53 0.00	60.15 -7.82 0.00	76.49 -9.74 0.00	67.89 -9.79 0.00	60.12 -7.36 0.00	57.23 -6.43 0.00	55.08 -7.09 0.00	53.55 -6.89 0.00	53.75 -8.10 0.00	53.90 -8.20 0.00	56.54 -8.15 0.00	63.74 -9.36 0.00	74.89 -10.21 0.00	71.34 -8.91 0.00	64.41 -8.53 0.00	56.27 -7.75 0.00	49.73 -7.76 0.00	44.55 -6.36 0.00	40.50 -5.21 0.00
OH_GEN_PROXY 24063	43.41 -4.24 0.00	39.91 -4.04 0.00	38.72 -4.07 0.00	38.33 -4.16 0.00	38.84 -4.27 0.00	41.69 -4.79 0.00	61.23 -6.73 0.00	77.69 -8.54 0.00	68.97 -8.70 0.00	61.00 -6.48 0.00	57.99 -5.67 0.00	55.89 -6.28 0.00	54.34 -6.10 0.00	54.61 -7.24 0.00	54.77 -7.33 0.00	57.70 -6.99 0.00	64.84 -8.26 0.00	76.16 -8.93 0.00	72.46 -7.78 0.00	65.50 -7.44 0.00	57.17 -6.85 0.00	51.05 -6.44 0.00	45.31 -5.60 0.00	41.14 -4.57 0.00
OLIN_CORP_DRP 24177	43.08 -4.57 0.00	40.09 -3.87 0.00	38.33 -4.45 0.00	38.07 -4.42 0.00	38.45 -4.66 0.00	41.13 -5.34 0.00	60.49 -7.48 0.00	76.92 -9.31 0.00	68.27 -9.40 0.00	60.39 -7.09 0.00	57.49 -6.18 0.00	55.33 -6.84 0.00	53.73 -6.71 0.00	53.99 -7.85 0.00	54.21 -7.89 0.00	56.86 -7.83 0.00	64.11 -8.99 0.00	75.40 -9.70 0.00	71.74 -8.51 0.00	64.78 -8.17 0.00	56.59 -7.43 0.00	50.02 -7.47 0.00	44.75 -6.16 0.00	40.68 -5.03 0.00
OLIN_CORP_DSASP 323712	42.80 -4.86 0.00	39.78 -4.18 0.00	38.03 -4.75 0.00	37.78 -4.72 0.00	38.45 -4.66 0.00	40.95 -5.53 0.00	60.15 -7.82 0.00	76.49 -9.74 0.00	67.89 -9.79 0.00	60.12 -7.36 0.00	57.23 -6.43 0.00	55.08 -7.09 0.00	53.55 -6.89 0.00	53.75 -8.10 0.00	53.90 -8.20 0.00	56.54 -8.15 0.00	63.74 -9.36 0.00	74.89 -10.21 0.00	71.34 -8.91 0.00	64.41 -8.53 0.00	56.27 -7.75 0.00	49.73 -7.76 0.00	44.55 -6.36 0.00	40.50 -5.21 0.00
ONEIDA_HERK_LFGE 323681	48.56 0.90 0.00	44.75 0.79 0.00	43.25 0.47 0.00	42.92 0.42 0.00	43.59 0.48 0.00	47.08 0.60 0.00	69.12 1.15 0.00	87.86 1.63 0.00	78.76 1.09 0.00	68.29 0.81 0.00	64.55 0.89 0.00	62.97 0.81 0.00	61.83 1.39 0.00	63.02 1.17 0.00	63.15 1.05 0.00	65.72 1.03 0.00	74.41 1.32 0.00	86.80 1.70 0.00	81.52 1.28 0.00	74.04 1.10 0.00	65.04 1.02 0.00	58.24 0.75 0.00	51.52 0.61 0.00	46.21 0.50 0.00
ONEIDA___115KV_TB4 55905	48.66 1.00 0.00	44.88 0.92 0.00	43.55 0.77 0.00	43.22 0.72 0.00	43.89 0.78 0.00	47.41 0.93 0.00	69.60 1.63 0.00	88.82 2.59 0.00	79.69 2.02 0.00	69.03 1.55 0.00	65.13 1.46 0.00	63.47 1.31 0.00	61.71 1.27 0.00	63.02 1.18 0.00	63.34 1.24 0.00	66.18 1.49 0.00	74.78 1.68 0.00	87.14 2.04 0.00	82.17 1.93 0.00	74.55 1.60 0.00	65.42 1.41 0.00	58.41 0.92 0.00	51.72 0.81 0.00	46.44 0.73 0.00
ONONDAGA_REF_OCCRA 23987	46.94 -0.71 0.00	43.30 -0.66 0.00	42.06 -0.73 0.00	41.73 -0.76 0.00	42.38 -0.73 0.00	45.64 -0.84 0.00	66.94 -1.02 0.00	85.11 -1.12 0.00	76.58 -1.09 0.00	66.53 -0.94 0.00	62.77 -0.89 0.00	61.23 -0.93 0.00	59.53 -0.91 0.00	60.80 -1.05 0.00	60.98 -1.12 0.00	63.65 -1.03 0.00	71.93 -1.17 0.00	83.91 -1.19 0.00	79.28 -0.96 0.00	72.00 -0.95 0.00	63.05 -0.96 0.00	56.34 -1.15 0.00	49.99 -0.92 0.00	44.89 -0.82 0.00
ONONDAGA___COGEN 23986	46.94 -0.71 0.00	43.34 -0.62 0.00	42.06 -0.73 0.00	41.73 -0.76 0.00	42.38 -0.73 0.00	45.64 -0.84 0.00	66.88 -1.09 0.00	85.11 -1.12 0.00	76.51 -1.17 0.00	66.53 -0.94 0.00	62.77 -0.89 0.00	61.23 -0.93 0.00	59.53 -0.91 0.00	60.80 -1.05 0.00	61.04 -1.06 0.00	63.72 -0.97 0.00	71.93 -1.17 0.00	83.91 -1.19 0.00	79.20 -1.04 0.00	71.92 -1.02 0.00	62.99 -1.02 0.00	56.34 -1.15 0.00	49.94 -0.97 0.00	44.89 -0.82 0.00
ONTARIO___LFGE 23819	46.23 -1.43 0.00	42.59 -1.36 0.00	41.41 -1.37 0.00	41.05 -1.44 0.00	41.73 -1.38 0.00	44.99 -1.49 0.00	66.20 -1.77 0.00	84.33 -1.90 0.00	75.58 -2.09 0.00	65.99 -1.48 0.00	62.39 -1.27 0.00	60.61 -1.55 0.00	58.87 -1.57 0.00	59.87 -1.98 0.00	60.11 -1.99 0.00	62.94 -1.74 0.00	70.97 -2.12 0.00	82.97 -2.12 0.00	78.40 -1.84 0.00	71.19 -1.75 0.00	62.22 -1.79 0.00	55.54 -1.95 0.00	49.08 -1.83 0.00	44.25 -1.46 0.00
ORANGEVILLE_WT_PWR 323706	43.56 -4.10 0.00	39.87 -4.09 0.00	38.63 -4.15 0.00	38.20 -4.29 0.00	38.76 -4.35 0.00	41.64 -4.83 0.00	61.44 -6.52 0.00	78.38 -7.85 0.00	69.91 -7.77 0.00	61.27 -6.21 0.00	58.12 -5.54 0.00	55.89 -6.28 0.00	54.45 -5.98 0.00	54.86 -6.99 0.00	55.33 -6.77 0.00	58.41 -6.27 0.00	65.57 -7.53 0.00	77.27 -7.83 0.00	73.50 -6.74 0.00	66.31 -6.64 0.00	57.74 -6.27 0.00	51.46 -6.04 0.00	45.67 -5.24 0.00	41.23 -4.48 0.00
ORANGEVILLE___ESR 323794	43.56 -4.10 0.00	39.87 -4.09 0.00	38.63 -4.15 0.00	38.20 -4.29 0.00	38.76 -4.35 0.00	41.64 -4.83 0.00	61.44 -6.52 0.00	78.38 -7.85 0.00	69.91 -7.77 0.00	61.27 -6.21 0.00	58.12 -5.54 0.00	55.89 -6.28 0.00	54.45 -5.98 0.00	54.86 -6.99 0.00	55.33 -6.77 0.00	58.41 -6.27 0.00	65.57 -7.53 0.00	77.27 -7.83 0.00	73.50 -6.74 0.00	66.31 -6.64 0.00	57.74 -6.27 0.00	51.46 -6.04 0.00	45.67 -5.24 0.00	41.23 -4.48 0.00
OSWEGATCHIE___HYD 24044	47.90 0.24 0.00	44.09 0.13 0.00	42.57 -0.21 0.00	42.32 -0.17 0.00	43.02 -0.09 0.00	46.43 -0.05 0.00	68.31 0.34 0.00	86.92 0.69 0.00	78.06 0.39 0.00	67.55 0.07 0.00	63.92 0.26 0.00	62.35 0.19 0.00	61.29 0.85 0.00	62.41 0.56 0.00	62.34 0.25 0.00	64.49 -0.19 0.00	72.59 -0.51 0.00	84.68 -0.42 0.00	79.52 -0.72 0.00	72.51 -0.44 0.00	64.08 0.06 0.00	57.95 0.46 0.00	51.17 0.26 0.00	45.89 0.18 0.00
OSWEGO___5 23606	46.08 -1.57 0.00	42.55 -1.41 0.00	41.37 -1.41 0.00	41.05 -1.44 0.00	41.69 -1.42 0.00	44.90 -1.58 0.00	65.65 -2.31 0.00	83.47 -2.76 0.00	75.03 -2.64 0.00	65.32 -2.16 0.00	61.62 -2.04 0.00	60.12 -2.05 0.00	58.45 -1.99 0.00	59.68 -2.17 0.00	59.92 -2.18 0.00	62.49 -2.20 0.00	70.61 -2.49 0.00	82.37 -2.73 0.00	77.75 -2.49 0.00	70.61 -2.34 0.00	61.90 -2.11 0.00	55.43 -2.07 0.00	49.13 -1.78 0.00	44.16 -1.55 0.00
OSWEGO___6 23613	46.08 -1.57 0.00	42.55 -1.41 0.00	41.37 -1.41 0.00	41.05 -1.44 0.00	41.69 -1.42 0.00	44.90 -1.58 0.00	65.65 -2.31 0.00	83.47 -2.76 0.00	75.03 -2.64 0.00	65.32 -2.16 0.00	61.62 -2.04 0.00	60.12 -2.05 0.00	58.45 -1.99 0.00	59.68 -2.17 0.00	59.92 -2.18 0.00	62.49 -2.20 0.00	70.61 -2.49 0.00	82.37 -2.73 0.00	77.75 -2.49 0.00	70.61 -2.34 0.00	61.90 -2.11 0.00	55.43 -2.07 0.00	49.13 -1.78 0.00	44.16 -1.55 0.00

OUTOKUMPU-AB___DRP 24206	43.84 -3.81 0.00	40.70 -3.25 0.00	38.93 -3.85 0.00	38.67 -3.82 0.00	39.23 -3.88 0.00	41.97 -4.51 0.00	61.71 -6.25 0.00	78.73 -7.50 0.00	69.83 -7.84 0.00	61.74 -5.74 0.00	58.82 -4.84 0.00	56.51 -5.66 0.00	54.94 -5.50 0.00	55.17 -6.68 0.00	55.33 -6.77 0.00	58.09 -6.60 0.00	65.42 -7.68 0.00	77.01 -8.08 0.00	73.42 -6.82 0.00	66.24 -6.71 0.00	57.80 -6.21 0.00	51.05 -6.44 0.00	45.67 -5.24 0.00	41.46 -4.25 0.00
OXBOW___BTM 323836	43.41 -4.24 0.00	39.87 -4.09 0.00	38.68 -4.11 0.00	38.29 -4.21 0.00	38.93 -4.18 0.00	41.64 -4.83 0.00	61.10 -6.86 0.00	77.78 -8.45 0.00	68.97 -8.70 0.00	61.07 -6.41 0.00	58.12 -5.54 0.00	55.89 -6.28 0.00	54.45 -5.98 0.00	54.61 -7.24 0.00	54.77 -7.33 0.00	57.70 -6.99 0.00	64.76 -8.33 0.00	76.16 -8.93 0.00	72.54 -7.70 0.00	65.43 -7.51 0.00	57.10 -6.91 0.00	51.00 -6.50 0.00	45.31 -5.60 0.00	41.14 -4.57 0.00
OXBOW___ 24026	43.41 -4.24 0.00	40.31 -3.65 0.00	38.55 -4.24 0.00	38.29 -4.21 0.00	38.93 -4.18 0.00	41.50 -4.97 0.00	61.03 -6.93 0.00	77.78 -8.45 0.00	68.97 -8.70 0.00	61.07 -6.41 0.00	58.12 -5.54 0.00	55.89 -6.28 0.00	54.34 -6.10 0.00	54.61 -7.24 0.00	54.77 -7.33 0.00	57.44 -7.25 0.00	64.69 -8.41 0.00	76.16 -8.94 0.00	72.54 -7.70 0.00	65.43 -7.51 0.00	57.10 -6.91 0.00	50.48 -7.01 0.00	45.21 -5.70 0.00	41.05 -4.66 0.00
OXY_CHEM_DSASP 323612	42.80 -4.86 0.00	39.78 -4.18 0.00	38.03 -4.75 0.00	37.78 -4.72 0.00	38.45 -4.66 0.00	40.95 -5.53 0.00	60.15 -7.82 0.00	76.49 -9.74 0.00	67.89 -9.79 0.00	60.12 -7.36 0.00	57.23 -6.43 0.00	55.08 -7.09 0.00	53.55 -6.89 0.00	53.75 -8.10 0.00	53.90 -8.20 0.00	56.54 -8.15 0.00	63.74 -9.36 0.00	74.89 -10.21 0.00	71.34 -8.91 0.00	64.41 -8.53 0.00	56.27 -7.75 0.00	49.73 -7.76 0.00	44.55 -6.36 0.00	40.50 -5.21 0.00
OZONE_PARK_ESR 323760	51.18 3.53 0.00	47.03 3.08 0.00	45.86 3.08 0.00	45.51 3.02 0.00	46.04 2.93 0.00	49.68 3.21 0.00	72.79 4.83 0.00	91.84 5.60 0.00	83.03 5.36 0.00	71.86 4.39 0.00	67.99 4.33 0.00	66.52 4.35 0.00	64.73 4.29 0.00	66.30 4.45 0.00	66.57 4.47 0.00	69.35 4.66 0.00	78.29 5.19 0.00	90.97 5.87 0.00	85.70 5.46 0.00	77.91 4.96 0.00	68.18 4.16 0.00	61.46 3.97 0.00	54.42 3.51 0.00	48.73 3.02 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.80 -4.86 0.00	39.78 -4.18 0.00	38.03 -4.75 0.00	37.78 -4.72 0.00	38.45 -4.66 0.00	40.95 -5.53 0.00	60.15 -7.82 0.00	76.49 -9.74 0.00	67.89 -9.79 0.00	60.12 -7.36 0.00	57.23 -6.43 0.00	55.08 -7.09 0.00	53.55 -6.89 0.00	53.75 -8.10 0.00	53.90 -8.20 0.00	56.54 -8.15 0.00	63.74 -9.36 0.00	74.89 -10.21 0.00	71.34 -8.91 0.00	64.41 -8.53 0.00	56.27 -7.75 0.00	49.73 -7.76 0.00	44.55 -6.36 0.00	40.50 -5.21 0.00
PACKARD___115KV_DUPONT_184 80571	42.84 -4.81 0.00	39.34 -4.61 0.00	38.16 -4.62 0.00	37.78 -4.72 0.00	38.45 -4.66 0.00	41.09 -5.39 0.00	60.21 -7.75 0.00	76.49 -9.74 0.00	67.88 -9.79 0.00	60.12 -7.35 0.00	57.23 -6.43 0.00	55.08 -7.09 0.00	53.61 -6.83 0.00	53.75 -8.10 0.00	53.96 -8.13 0.00	56.86 -7.83 0.00	63.81 -9.28 0.00	74.88 -10.21 0.00	71.33 -8.91 0.00	64.41 -8.53 0.00	56.27 -7.75 0.00	50.25 -7.25 0.00	44.65 -6.26 0.00	40.59 -5.12 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.99 3.34 0.00	46.90 2.95 0.00	45.78 2.99 0.00	45.38 2.89 0.00	45.87 2.76 0.00	49.36 2.88 0.00	71.77 3.81 0.00	90.54 4.31 0.00	81.87 4.19 0.00	70.92 3.44 0.00	67.16 3.50 0.00	65.83 3.67 0.00	64.01 3.57 0.00	65.62 3.77 0.00	65.88 3.79 0.00	68.50 3.82 0.00	77.19 4.09 0.00	89.61 4.51 0.00	84.42 4.17 0.00	76.74 3.79 0.00	67.28 3.26 0.00	60.88 3.39 0.00	54.07 3.16 0.00	48.50 2.79 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.61 3.96 0.00	47.47 3.52 0.00	46.29 3.51 0.00	45.89 3.40 0.00	46.43 3.32 0.00	49.92 3.44 0.00	72.65 4.69 0.00	91.66 5.43 0.00	82.80 5.13 0.00	71.66 4.18 0.00	67.86 4.20 0.00	66.52 4.35 0.00	64.67 4.23 0.00	66.24 4.39 0.00	66.50 4.41 0.00	69.22 4.53 0.00	77.99 4.90 0.00	90.55 5.45 0.00	85.30 5.06 0.00	77.54 4.60 0.00	67.98 3.97 0.00	61.52 4.02 0.00	54.68 3.77 0.00	49.00 3.29 0.00
PATROON___115KV_TB1 80586	49.23 1.57 0.00	45.45 1.49 0.00	44.32 1.54 0.00	44.02 1.53 0.00	44.53 1.42 0.00	48.06 1.58 0.00	69.26 1.29 0.00	87.61 1.38 0.00	79.07 1.40 0.00	68.76 1.28 0.00	64.55 0.89 0.00	63.16 0.99 0.00	61.23 0.79 0.00	62.96 1.11 0.00	63.34 1.24 0.00	65.85 1.16 0.00	74.49 1.39 0.00	86.38 1.28 0.00	81.29 1.04 0.00	73.89 0.95 0.00	65.17 1.15 0.00	58.64 1.15 0.00	52.39 1.48 0.00	46.94 1.23 0.00
PATTRSNVILLE___SOLAR 323815	48.99 1.33 0.00	45.23 1.28 0.00	44.07 1.28 0.00	43.81 1.32 0.00	44.32 1.21 0.00	47.92 1.44 0.00	70.00 2.04 0.00	88.73 2.50 0.00	79.38 1.71 0.00	68.55 1.08 0.00	64.43 0.77 0.00	62.97 0.81 0.00	61.17 0.73 0.00	62.78 0.93 0.00	63.27 1.18 0.00	66.11 1.42 0.00	74.85 1.75 0.00	87.40 2.30 0.00	82.49 2.24 0.00	74.92 1.97 0.00	65.68 1.66 0.00	58.98 1.49 0.00	52.29 1.38 0.00	46.81 1.10 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	44.03 -3.62 0.00	40.84 -3.12 0.00	39.10 -3.68 0.00	38.75 -3.74 0.00	39.32 -3.79 0.00	42.20 -4.28 0.00	62.39 -5.57 0.00	79.59 -6.64 0.00	70.37 -7.30 0.00	61.94 -5.53 0.00	59.01 -4.65 0.00	56.69 -5.47 0.00	55.12 -5.32 0.00	55.42 -6.43 0.00	55.57 -6.52 0.00	58.48 -6.21 0.00	65.86 -7.24 0.00	77.70 -7.40 0.00	74.14 -6.10 0.00	66.82 -6.13 0.00	58.19 -5.83 0.00	51.34 -6.15 0.00	45.92 -4.99 0.00	41.60 -4.11 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.66 3.00 0.00	46.64 2.68 0.00	45.52 2.74 0.00	45.17 2.68 0.00	45.74 2.63 0.00	49.22 2.74 0.00	72.38 4.42 0.00	91.40 5.17 0.00	82.49 4.82 0.00	71.39 3.91 0.00	67.35 3.69 0.00	65.90 3.73 0.00	64.07 3.63 0.00	65.62 3.77 0.00	65.70 3.60 0.00	68.37 3.69 0.00	77.34 4.24 0.00	89.78 4.68 0.00	84.74 4.49 0.00	77.03 4.08 0.00	67.54 3.52 0.00	60.88 3.39 0.00	53.81 2.90 0.00	48.22 2.51 0.00
PEEKSKILL___ 23653	50.23 2.57 0.00	46.20 2.24 0.00	45.09 2.31 0.00	44.74 2.25 0.00	45.31 2.20 0.00	48.84 2.37 0.00	71.63 3.67 0.00	90.37 4.14 0.00	81.63 3.96 0.00	70.58 3.11 0.00	66.72 3.06 0.00	65.27 3.11 0.00	63.46 3.02 0.00	65.06 3.21 0.00	65.38 3.29 0.00	67.92 3.23 0.00	76.82 3.73 0.00	89.27 4.17 0.00	84.17 3.93 0.00	76.52 3.57 0.00	67.02 3.01 0.00	60.31 2.82 0.00	53.40 2.49 0.00	47.86 2.15 0.00
PGE MADISON___WINDPWR 24146	50.09 2.43 0.00	46.24 2.29 0.00	44.79 2.01 0.00	44.36 1.87 0.00	45.14 2.03 0.00	48.80 2.32 0.00	72.18 4.21 0.00	92.61 6.38 0.00	82.64 4.97 0.00	71.46 3.98 0.00	67.61 3.95 0.00	65.65 3.48 0.00	64.07 3.63 0.00	64.88 3.03 0.00	65.20 3.10 0.00	68.44 3.75 0.00	77.41 4.31 0.00	90.97 5.87 0.00	86.10 5.86 0.00	77.83 4.89 0.00	68.18 4.16 0.00	60.08 2.59 0.00	53.10 2.19 0.00	47.63 1.92 0.00

PIERCEFIELD___HYD 23852	48.18 0.52 0.00	44.35 0.40 0.00	43.08 0.30 0.00	42.88 0.38 0.00	43.63 0.52 0.00	47.17 0.70 0.00	69.32 1.36 0.00	88.13 1.90 0.00	79.38 1.71 0.00	68.83 1.35 0.00	65.00 1.34 0.00	63.28 1.12 0.00	61.89 1.45 0.00	63.09 1.24 0.00	63.21 1.12 0.00	65.40 0.71 0.00	73.17 0.07 0.00	85.10 0.00 0.00	80.16 -0.08 0.00	73.24 0.29 0.00	64.97 0.96 0.00	58.93 1.44 0.00	51.98 1.07 0.00	46.62 0.91 0.00
PINELAWN_CC_1 323563	51.80 4.14 0.00	47.39 3.43 0.00	46.12 3.34 0.00	45.77 3.27 0.00	46.38 3.27 0.00	50.47 4.00 0.00	74.29 6.32 0.00	92.44 6.21 0.00	84.27 6.60 0.00	72.74 5.27 0.00	68.76 5.09 0.00	67.51 5.35 0.00	65.83 5.38 -0.01	67.43 5.57 -0.01	67.81 5.71 -0.01	70.39 5.69 -0.01	79.32 6.14 -0.08	92.17 7.06 -0.01	86.99 6.74 -0.01	79.05 6.05 -0.05	69.53 5.51 -0.01	62.73 5.23 -0.01	55.19 4.28 0.00	49.28 3.57 0.00
PJM_GEN_HTP_PROXY 323702	50.75 3.10 0.00	46.64 2.68 0.00	45.52 2.74 0.00	45.17 2.68 0.00	45.70 2.59 0.00	49.31 2.84 0.00	72.25 4.28 0.00	91.06 4.83 0.00	82.33 4.66 0.00	71.25 3.78 0.00	67.35 3.69 0.00	65.96 3.79 0.00	64.13 3.69 0.00	65.75 3.90 0.00	66.07 3.98 0.00	68.63 3.95 0.00	77.56 4.46 0.00	90.12 5.02 0.00	84.89 4.65 0.00	77.18 4.23 0.00	67.53 3.52 0.00	60.88 3.39 0.00	53.96 3.05 0.00	48.36 2.65 0.00
PJM_GEN_KEystone 24065	46.80 -0.86 0.00	42.99 -0.97 0.00	41.84 -0.94 0.00	41.43 -1.06 0.00	42.03 -1.08 0.00	45.27 -1.21 0.00	66.61 -1.36 0.00	84.25 -1.98 0.00	75.26 -2.41 0.00	65.52 -1.96 0.00	62.13 -1.53 0.00	60.36 -1.80 0.00	58.68 -1.75 0.00	59.63 -2.22 0.00	59.86 -2.23 0.00	62.68 -2.01 0.00	70.69 -2.41 0.00	82.72 -2.38 0.00	78.40 -1.84 0.00	71.05 -1.90 0.00	62.10 -1.92 0.00	55.54 -1.95 0.00	49.28 -1.63 0.00	44.38 -1.33 0.00
PJM_GEN_NEPTUNE_PROXY 323594	51.18 3.53 0.00	46.86 2.90 0.00	45.61 2.82 0.00	45.25 2.76 0.00	45.87 2.76 0.00	49.82 3.35 0.00	73.20 5.23 0.00	91.14 4.91 0.00	83.11 5.44 0.00	71.86 4.38 0.00	67.86 4.20 0.00	66.64 4.48 0.00	64.92 4.47 -0.01	66.43 4.58 -0.01	66.76 4.66 -0.01	69.29 4.59 -0.01	78.08 4.97 -0.01	90.64 5.53 -0.01	85.55 5.29 -0.01	77.84 4.89 -0.01	68.44 4.41 -0.01	61.76 4.25 -0.01	54.47 3.56 0.00	48.68 2.97 0.00
PJM_GEN_VFT_PROXY 323633	50.61 2.96 0.00	46.46 2.50 0.00	45.35 2.57 0.00	45.04 2.55 0.00	45.52 2.41 0.00	49.12 2.65 0.00	71.97 4.01 0.00	90.80 4.57 0.00	82.18 4.50 0.00	71.05 3.57 0.00	67.22 3.56 0.00	65.83 3.67 0.00	64.00 3.57 0.00	65.62 3.77 0.00	65.95 3.85 0.00	68.50 3.82 0.00	77.33 4.24 0.00	89.86 4.76 0.00	84.65 4.41 0.00	76.96 4.01 0.00	67.34 3.33 0.00	60.71 3.22 0.00	53.81 2.90 0.00	48.22 2.51 0.00
PLATSBURG_115KV_PMLD1 355749	46.89 -0.76 0.00	43.25 -0.70 0.00	42.18 -0.60 0.00	42.11 -0.38 0.00	42.94 -0.17 0.00	46.48 0.00 0.00	67.83 -0.14 0.00	86.06 -0.17 0.00	77.67 0.00 0.00	67.41 -0.07 0.00	64.11 0.45 0.00	62.54 0.37 0.00	60.98 0.54 0.00	62.28 0.43 0.00	62.47 0.37 0.00	64.56 -0.13 0.00	72.88 -0.22 0.00	84.84 -0.26 0.00	79.92 -0.32 0.00	72.73 -0.22 0.00	64.14 0.13 0.00	58.53 1.03 0.00	51.62 0.71 0.00	46.30 0.59 0.00
PLEASANTVLY___LBMP 24000	49.99 2.34 0.00	46.02 2.07 0.00	44.88 2.10 0.00	44.58 2.08 0.00	45.09 1.98 0.00	48.61 2.14 0.00	71.16 3.19 0.00	89.85 3.62 0.00	81.17 3.50 0.00	70.24 2.77 0.00	66.27 2.61 0.00	64.90 2.74 0.00	63.10 2.66 0.00	64.69 2.85 0.00	64.89 2.79 0.00	67.60 2.91 0.00	76.39 3.29 0.00	88.76 3.66 0.00	83.61 3.37 0.00	76.01 3.06 0.00	66.70 2.69 0.00	60.02 2.53 0.00	53.15 2.24 0.00	47.63 1.92 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.47 2.81 0.00	46.46 2.51 0.00	45.26 2.48 0.00	44.92 2.42 0.00	45.48 2.37 0.00	49.03 2.56 0.00	71.84 3.87 0.00	90.71 4.48 0.00	81.94 4.27 0.00	70.92 3.44 0.00	66.97 3.31 0.00	65.58 3.42 0.00	63.76 3.32 0.00	65.38 3.53 0.00	65.63 3.54 0.00	68.31 3.62 0.00	77.19 4.09 0.00	89.69 4.60 0.00	84.50 4.25 0.00	76.81 3.87 0.00	67.28 3.26 0.00	60.60 3.10 0.00	53.61 2.70 0.00	48.04 2.33 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.47 2.81 0.00	46.46 2.51 0.00	45.26 2.48 0.00	44.92 2.42 0.00	45.48 2.37 0.00	49.03 2.56 0.00	71.84 3.87 0.00	90.71 4.48 0.00	81.94 4.27 0.00	70.92 3.44 0.00	66.97 3.31 0.00	65.58 3.42 0.00	63.76 3.32 0.00	65.38 3.53 0.00	65.63 3.54 0.00	68.31 3.62 0.00	77.19 4.09 0.00	89.69 4.60 0.00	84.50 4.25 0.00	76.81 3.87 0.00	67.28 3.26 0.00	60.60 3.10 0.00	53.61 2.70 0.00	48.04 2.33 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.23 2.57 0.00	46.24 2.29 0.00	45.14 2.35 0.00	44.79 2.29 0.00	45.35 2.24 0.00	48.85 2.37 0.00	71.57 3.60 0.00	90.46 4.23 0.00	81.56 3.88 0.00	70.51 3.04 0.00	66.53 2.86 0.00	65.09 2.92 0.00	63.22 2.78 0.00	64.76 2.91 0.00	64.95 2.86 0.00	67.79 3.11 0.00	76.68 3.58 0.00	89.18 4.08 0.00	84.09 3.85 0.00	76.37 3.43 0.00	67.02 3.01 0.00	60.37 2.87 0.00	53.40 2.49 0.00	47.86 2.15 0.00
POLETTI_____ 23519	50.28 2.62 0.00	46.24 2.29 0.00	45.18 2.40 0.00	44.75 2.25 0.00	45.27 2.16 0.00	48.66 2.18 0.00	70.75 2.79 0.00	89.33 3.10 0.00	80.93 3.26 0.00	70.11 2.63 0.00	66.33 2.67 0.00	65.02 2.86 0.00	63.22 2.78 0.00	64.82 2.97 0.00	65.08 2.98 0.00	67.73 3.04 0.00	76.31 3.22 0.00	88.50 3.40 0.00	83.37 3.13 0.00	75.79 2.84 0.00	66.51 2.50 0.00	60.14 2.64 0.00	53.35 2.44 0.00	47.86 2.15 0.00
POMONA___ESR 323819	50.28 2.62 0.00	46.24 2.28 0.00	45.09 2.31 0.00	44.74 2.25 0.00	45.31 2.20 0.00	48.84 2.37 0.00	71.84 3.87 0.00	90.63 4.40 0.00	81.86 4.19 0.00	70.78 3.31 0.00	66.84 3.18 0.00	65.46 3.29 0.00	63.64 3.20 0.00	65.25 3.40 0.00	65.51 3.41 0.00	68.18 3.49 0.00	77.11 4.02 0.00	89.69 4.59 0.00	84.49 4.25 0.00	76.81 3.86 0.00	67.21 3.20 0.00	60.54 3.05 0.00	53.56 2.65 0.00	48.04 2.33 0.00
PORT_JEFF_3 23555	51.70 4.05 0.00	47.26 3.30 0.00	45.99 3.21 0.00	45.64 3.14 0.00	46.26 3.15 0.00	50.38 3.90 0.00	74.15 6.18 0.00	92.01 5.78 0.00	83.81 6.13 0.00	72.47 4.99 0.00	68.44 4.78 0.00	67.26 5.10 0.00	65.77 5.32 -0.01	67.36 5.50 -0.01	67.75 5.65 -0.01	70.32 5.63 -0.01	80.02 5.92 -1.00	91.32 6.21 -0.01	86.27 6.02 -0.01	79.46 5.91 -0.61	69.40 5.38 -0.01	62.68 5.18 -0.01	55.03 4.12 0.00	49.18 3.47 0.00
PORT_JEFF_4 23616	51.70 4.05 0.00	47.26 3.30 0.00	45.99 3.21 0.00	45.64 3.14 0.00	46.26 3.15 0.00	50.38 3.90 0.00	74.15 6.18 0.00	92.01 5.78 0.00	83.81 6.13 0.00	72.47 4.99 0.00	68.44 4.78 0.00	67.26 5.10 0.00	65.77 5.32 -0.01	67.36 5.50 -0.01	67.75 5.65 -0.01	70.32 5.63 -0.01	80.02 5.92 -1.00	91.32 6.21 -0.01	86.27 6.02 -0.01	79.46 5.91 -0.61	69.40 5.38 -0.01	62.68 5.18 -0.01	55.03 4.12 0.00	49.18 3.47 0.00

PORT_JEFF_IC 23713	51.75 4.10 0.00	47.43 3.47 0.00	46.08 3.29 0.00	45.68 3.19 0.00	46.30 3.19 0.00	50.43 3.95 0.00	74.28 6.32 0.00	92.18 5.95 0.00	83.89 6.21 0.00	72.54 5.06 0.00	68.56 4.90 0.00	67.33 5.16 0.00	65.89 5.44 -0.01	67.49 5.63 -0.01	67.75 5.65 -0.01	70.52 5.82 -0.01	80.25 6.14 -1.01	91.58 6.47 -0.01	86.59 6.34 -0.01	79.69 6.13 -0.62	69.59 5.57 -0.01	62.85 5.35 -0.01	55.14 4.23 0.00	49.23 3.52 0.00
PPL PILGRIM_ST_GT1 24216	52.28 4.62 0.00	47.78 3.82 0.00	46.50 3.72 0.00	46.15 3.65 0.00	46.77 3.66 0.00	50.94 4.46 0.00	75.10 7.13 0.00	93.21 6.98 0.00	85.05 7.38 0.00	73.48 6.00 0.00	69.39 5.73 0.00	68.13 5.97 0.00	66.49 6.04 -0.01	68.10 6.24 -0.01	68.50 6.40 -0.01	71.04 6.34 -0.01	80.07 6.72 -0.25	93.02 7.92 -0.01	87.72 7.46 -0.01	79.43 6.34 -0.14	70.17 6.15 -0.01	63.37 5.87 -0.01	55.65 4.74 0.00	49.68 3.97 0.00
PPL PILGRIM_ST_GT2 24217	52.28 4.62 0.00	47.78 3.82 0.00	46.50 3.72 0.00	46.15 3.65 0.00	46.77 3.66 0.00	50.94 4.46 0.00	75.10 7.13 0.00	93.21 6.98 0.00	85.05 7.38 0.00	73.48 6.00 0.00	69.39 5.73 0.00	68.13 5.97 0.00	66.49 6.04 -0.01	68.10 6.24 -0.01	68.50 6.40 -0.01	71.04 6.34 -0.01	80.07 6.72 -0.25	93.02 7.92 -0.01	87.72 7.46 -0.01	79.43 6.34 -0.14	70.17 6.15 -0.01	63.37 5.87 -0.01	55.65 4.74 0.00	49.68 3.97 0.00
PPL_SHRM_GT3 24213	51.95 4.29 0.00	47.48 3.52 0.00	46.21 3.42 0.00	45.81 3.32 0.00	46.47 3.36 0.00	50.61 4.13 0.00	74.55 6.59 0.00	92.44 6.21 0.00	83.57 5.90 0.00	72.27 4.79 0.00	68.37 4.71 0.00	67.08 4.91 0.00	66.01 5.56 -0.01	67.67 5.81 -0.01	68.13 6.02 -0.01	70.78 6.08 -0.01	80.59 6.50 -0.99	92.34 7.23 -0.01	87.23 6.98 -0.01	80.18 6.64 -0.60	69.79 5.76 -0.01	63.08 5.58 -0.01	55.29 4.38 0.00	49.41 3.70 0.00
PPL_SHRM_GT4 24214	51.95 4.29 0.00	47.48 3.52 0.00	46.21 3.42 0.00	45.81 3.32 0.00	46.47 3.36 0.00	50.61 4.13 0.00	74.55 6.59 0.00	92.44 6.21 0.00	83.57 5.90 0.00	72.27 4.79 0.00	68.37 4.71 0.00	67.08 4.91 0.00	66.01 5.56 -0.01	67.67 5.81 -0.01	68.13 6.02 -0.01	70.78 6.08 -0.01	80.59 6.50 -0.99	92.34 7.23 -0.01	87.23 6.98 -0.01	80.18 6.64 -0.60	69.79 5.76 -0.01	63.08 5.58 -0.01	55.29 4.38 0.00	49.41 3.70 0.00
PROJECT___ORANGE 1 24174	46.70 -0.95 0.00	43.12 -0.84 0.00	41.84 -0.94 0.00	41.52 -0.98 0.00	42.16 -0.95 0.00	45.41 -1.07 0.00	66.54 -1.43 0.00	84.59 -1.64 0.00	76.12 -1.55 0.00	66.20 -1.28 0.00	62.52 -1.15 0.00	60.98 -1.18 0.00	59.29 -1.15 0.00	60.55 -1.30 0.00	60.73 -1.37 0.00	63.39 -1.29 0.00	71.56 -1.54 0.00	83.40 -1.70 0.00	78.72 -1.52 0.00	71.49 -1.46 0.00	62.61 -1.41 0.00	56.00 -1.49 0.00	49.69 -1.22 0.00	44.66 -1.05 0.00
PROJECT___ORANGE 2 24166	46.70 -0.95 0.00	43.12 -0.84 0.00	41.84 -0.94 0.00	41.52 -0.98 0.00	42.16 -0.95 0.00	45.41 -1.07 0.00	66.54 -1.43 0.00	84.59 -1.64 0.00	76.12 -1.55 0.00	66.20 -1.28 0.00	62.52 -1.15 0.00	60.98 -1.18 0.00	59.29 -1.15 0.00	60.55 -1.30 0.00	60.73 -1.37 0.00	63.39 -1.29 0.00	71.56 -1.54 0.00	83.40 -1.70 0.00	78.72 -1.52 0.00	71.49 -1.46 0.00	62.61 -1.41 0.00	56.00 -1.49 0.00	49.69 -1.22 0.00	44.66 -1.05 0.00
PUCKETT___SOLAR 323809	48.13 0.48 0.00	44.35 0.39 0.00	43.12 0.34 0.00	42.75 0.26 0.00	43.41 0.30 0.00	46.80 0.33 0.00	68.85 0.88 0.00	87.61 1.38 0.00	78.61 0.94 0.00	68.15 0.67 0.00	64.36 0.70 0.00	62.60 0.44 0.00	60.92 0.48 0.00	62.10 0.25 0.00	62.34 0.25 0.00	65.27 0.58 0.00	73.68 0.58 0.00	86.20 1.10 0.00	81.61 1.36 0.00	74.04 1.10 0.00	64.84 0.83 0.00	57.72 0.23 0.00	51.11 0.20 0.00	45.94 0.23 0.00
PYRITES___HYD 24023	49.04 1.38 0.00	45.14 1.19 0.00	43.81 1.03 0.00	43.64 1.15 0.00	44.40 1.29 0.00	48.10 1.63 0.00	70.75 2.79 0.00	89.94 3.71 0.00	81.09 3.42 0.00	69.91 2.43 0.00	65.83 2.16 0.00	63.91 1.74 0.00	62.49 2.05 0.00	63.71 1.86 0.00	63.90 1.80 0.00	66.30 1.62 0.00	74.56 1.46 0.00	87.14 2.04 0.00	82.25 2.01 0.00	75.06 2.12 0.00	66.38 2.37 0.00	60.02 2.53 0.00	52.90 1.99 0.00	47.45 1.74 0.00
QUAKERRD_115KV_BK1 80622	44.42 -3.24 0.00	41.14 -2.81 0.00	39.75 -3.04 0.00	39.48 -3.02 0.00	40.14 -2.97 0.00	43.22 -3.25 0.00	63.55 -4.42 0.00	80.97 -5.26 0.00	72.39 -5.28 0.00	63.50 -3.98 0.00	60.16 -3.50 0.00	58.37 -3.79 0.00	56.63 -3.81 0.00	57.52 -4.33 0.00	57.69 -4.41 0.00	60.29 -4.40 0.00	68.13 -4.97 0.00	79.65 -5.45 0.00	75.19 -5.06 0.00	68.28 -4.67 0.00	59.66 -4.35 0.00	53.07 -4.43 0.00	47.04 -3.87 0.00	42.56 -3.15 0.00
QUENSBRY_115KV_TB8 356137	49.71 2.05 0.00	45.85 1.89 0.00	44.71 1.93 0.00	44.49 2.00 0.00	44.92 1.81 0.00	48.71 2.23 0.00	70.95 2.99 0.00	90.11 3.88 0.00	80.93 3.26 0.00	70.24 2.77 0.00	65.83 2.16 0.00	64.28 2.11 0.00	62.25 1.81 0.00	63.77 1.92 0.00	64.21 2.11 0.00	66.82 2.13 0.00	75.65 2.56 0.00	88.50 3.40 0.00	83.45 3.21 0.00	75.65 2.70 0.00	66.51 2.50 0.00	59.62 2.13 0.00	53.05 2.14 0.00	48.50 2.79 0.00
RAMAPO___LBMP 323565	50.09 2.43 0.00	46.11 2.15 0.00	44.97 2.18 0.00	44.58 2.08 0.00	45.14 2.03 0.00	48.71 2.23 0.00	71.36 3.40 0.00	90.11 3.88 0.00	81.32 3.65 0.00	70.31 2.83 0.00	66.46 2.80 0.00	65.02 2.86 0.00	63.22 2.78 0.00	64.82 2.97 0.00	65.01 2.92 0.00	67.73 3.04 0.00	76.53 3.44 0.00	89.01 3.91 0.00	83.93 3.69 0.00	76.30 3.36 0.00	66.83 2.82 0.00	60.14 2.64 0.00	53.20 2.29 0.00	47.68 1.97 0.00
RANKINE____ 23646	44.08 -3.57 0.00	40.88 -3.08 0.00	39.10 -3.68 0.00	38.80 -3.70 0.00	39.36 -3.75 0.00	42.20 -4.28 0.00	62.26 -5.71 0.00	79.33 -6.90 0.00	70.29 -7.38 0.00	62.01 -5.47 0.00	59.08 -4.58 0.00	56.76 -5.41 0.00	55.24 -5.20 0.00	55.48 -6.37 0.00	55.70 -6.40 0.00	58.48 -6.21 0.00	65.93 -7.16 0.00	77.70 -7.40 0.00	74.06 -6.18 0.00	66.75 -6.20 0.00	58.19 -5.83 0.00	51.40 -6.09 0.00	45.97 -4.94 0.00	41.69 -4.02 0.00
RAVENSWOOD_GT2_1 24244	50.85 3.19 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.36 2.88 0.00	72.25 4.28 0.00	91.15 4.92 0.00	82.41 4.74 0.00	71.32 3.85 0.00	67.42 3.76 0.00	66.02 3.85 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.41 2.70 0.00
RAVENSWOOD_GT2_2 24245	50.85 3.19 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.36 2.88 0.00	72.25 4.28 0.00	91.15 4.92 0.00	82.41 4.74 0.00	71.32 3.85 0.00	67.42 3.76 0.00	66.02 3.85 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.41 2.70 0.00

RAVENSWOOD_GT2_3 24246	50.85 3.19 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.26 2.76 0.00	45.78 2.67 0.00	49.36 2.88 0.00	72.25 4.28 0.00	91.15 4.92 0.00	82.41 4.74 0.00	71.32 3.85 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.83 4.14 0.00	77.70 4.61 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.41 2.70 0.00
RAVENSWOOD_GT2_4 24247	50.85 3.19 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.26 2.76 0.00	45.78 2.67 0.00	49.36 2.88 0.00	72.25 4.28 0.00	91.15 4.92 0.00	82.41 4.74 0.00	71.32 3.85 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.83 4.14 0.00	77.70 4.61 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.41 2.70 0.00
RAVENSWOOD_GT3_1 24248	50.85 3.19 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.26 2.76 0.00	45.78 2.67 0.00	49.36 2.88 0.00	72.25 4.28 0.00	91.15 4.92 0.00	82.41 4.74 0.00	71.32 3.85 0.00	67.42 3.76 0.00	66.02 3.85 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.83 4.14 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.41 2.70 0.00
RAVENSWOOD_GT3_2 24249	50.85 3.19 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.26 2.76 0.00	45.78 2.67 0.00	49.36 2.88 0.00	72.25 4.28 0.00	91.15 4.92 0.00	82.41 4.74 0.00	71.32 3.85 0.00	67.42 3.76 0.00	66.02 3.85 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.83 4.14 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.41 2.70 0.00
RAVENSWOOD_GT3_3 24250	50.90 3.24 0.00	46.81 2.86 0.00	45.65 2.87 0.00	45.30 2.80 0.00	45.83 2.72 0.00	49.40 2.93 0.00	72.31 4.35 0.00	91.23 5.00 0.00	82.49 4.82 0.00	71.39 3.91 0.00	67.54 3.88 0.00	66.14 3.98 0.00	64.31 3.87 0.00	65.93 4.08 0.00	66.13 4.04 0.00	68.89 4.20 0.00	77.77 4.68 0.00	90.29 5.19 0.00	85.06 4.81 0.00	77.32 4.38 0.00	67.73 3.71 0.00	61.06 3.56 0.00	54.12 3.21 0.00	48.45 2.74 0.00
RAVENSWOOD_GT3_4 24251	50.90 3.24 0.00	46.81 2.86 0.00	45.65 2.87 0.00	45.30 2.80 0.00	45.83 2.72 0.00	49.40 2.93 0.00	72.31 4.35 0.00	91.23 5.00 0.00	82.49 4.82 0.00	71.39 3.91 0.00	67.54 3.88 0.00	66.14 3.98 0.00	64.31 3.87 0.00	65.93 4.08 0.00	66.13 4.04 0.00	68.89 4.20 0.00	77.77 4.68 0.00	90.29 5.19 0.00	85.06 4.81 0.00	77.32 4.38 0.00	67.73 3.71 0.00	61.06 3.56 0.00	54.12 3.21 0.00	48.45 2.74 0.00
RAVENSWOOD_GT_1 23729	51.09 3.43 0.00	46.99 3.03 0.00	45.82 3.04 0.00	45.47 2.97 0.00	46.00 2.89 0.00	49.59 3.11 0.00	72.11 4.15 0.00	90.97 4.74 0.00	82.25 4.58 0.00	71.32 3.85 0.00	67.48 3.82 0.00	66.14 3.98 0.00	64.31 3.87 0.00	65.93 4.08 0.00	66.19 4.10 0.00	68.83 4.14 0.00	77.56 4.46 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.17 3.68 0.00	54.32 3.41 0.00	48.64 2.93 0.00
RAVENSWOOD_GT_10 24258	50.85 3.19 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.36 2.88 0.00	72.25 4.28 0.00	91.15 4.92 0.00	82.41 4.74 0.00	71.32 3.85 0.00	67.48 3.82 0.00	66.02 3.85 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.83 4.14 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.41 2.70 0.00
RAVENSWOOD_GT_11 24259	50.85 3.19 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.36 2.88 0.00	72.25 4.28 0.00	91.15 4.92 0.00	82.41 4.74 0.00	71.32 3.85 0.00	67.48 3.82 0.00	66.02 3.85 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.83 4.14 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.41 2.70 0.00
RAVENSWOOD_GT_4 24252	50.90 3.24 0.00	46.81 2.86 0.00	45.65 2.87 0.00	45.30 2.80 0.00	45.82 2.72 0.00	49.40 2.93 0.00	72.18 4.21 0.00	91.06 4.83 0.00	82.33 4.66 0.00	71.32 3.85 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.63 4.53 0.00	90.12 5.02 0.00	84.90 4.65 0.00	77.18 4.23 0.00	67.60 3.58 0.00	61.06 3.56 0.00	54.12 3.21 0.00	48.45 2.74 0.00
RAVENSWOOD_GT_5 24254	50.90 3.24 0.00	46.81 2.86 0.00	45.65 2.87 0.00	45.30 2.80 0.00	45.82 2.72 0.00	49.40 2.93 0.00	72.18 4.21 0.00	91.06 4.83 0.00	82.33 4.66 0.00	71.32 3.85 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.63 4.53 0.00	90.12 5.02 0.00	84.90 4.65 0.00	77.18 4.23 0.00	67.60 3.58 0.00	61.06 3.56 0.00	54.12 3.21 0.00	48.45 2.74 0.00
RAVENSWOOD_GT_6 24253	50.90 3.24 0.00	46.81 2.86 0.00	45.65 2.87 0.00	45.30 2.80 0.00	45.82 2.72 0.00	49.40 2.93 0.00	72.18 4.21 0.00	91.06 4.83 0.00	82.33 4.66 0.00	71.32 3.85 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.63 4.53 0.00	90.12 5.02 0.00	84.90 4.65 0.00	77.18 4.23 0.00	67.60 3.58 0.00	61.06 3.56 0.00	54.12 3.21 0.00	48.45 2.74 0.00
RAVENSWOOD_GT_7 24255	50.90 3.24 0.00	46.81 2.86 0.00	45.65 2.87 0.00	45.30 2.80 0.00	45.82 2.72 0.00	49.40 2.93 0.00	72.18 4.21 0.00	91.06 4.83 0.00	82.33 4.66 0.00	71.32 3.85 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.63 4.53 0.00	90.12 5.02 0.00	84.90 4.65 0.00	77.18 4.23 0.00	67.60 3.58 0.00	61.06 3.56 0.00	54.12 3.21 0.00	48.45 2.74 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.85 3.19 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.36 2.88 0.00	72.25 4.28 0.00	91.15 4.92 0.00	82.41 4.74 0.00	71.32 3.85 0.00	67.48 3.82 0.00	66.02 3.85 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.83 4.14 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.41 2.70 0.00
RAVENSWOOD_GT_9 24257	50.85 3.19 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.36 2.88 0.00	72.25 4.28 0.00	91.15 4.92 0.00	82.41 4.74 0.00	71.32 3.85 0.00	67.48 3.82 0.00	66.02 3.85 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.07 3.97 0.00	68.83 4.14 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.41 2.70 0.00

RAVENSWOOD___1 23533	51.09 3.43 0.00	46.90 2.95 0.00	45.78 2.99 0.00	45.42 2.93 0.00	45.95 2.84 0.00	49.54 3.07 0.00	72.11 4.15 0.00	90.97 4.74 0.00	82.25 4.58 0.00	71.25 3.78 0.00	67.48 3.82 0.00	66.15 3.98 0.00	64.31 3.87 0.00	65.93 4.08 0.00	66.26 4.16 0.00	68.70 4.01 0.00	77.56 4.46 0.00	90.03 4.93 0.00	84.81 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.12 3.62 0.00	54.32 3.41 0.00	48.68 2.97 0.00
RAVENSWOOD___2 23534	51.04 3.38 0.00	46.90 2.95 0.00	45.78 2.99 0.00	45.42 2.93 0.00	45.95 2.84 0.00	49.50 3.02 0.00	72.11 4.15 0.00	90.97 4.74 0.00	82.25 4.58 0.00	71.25 3.78 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.56 4.46 0.00	90.03 4.93 0.00	84.73 4.49 0.00	77.03 4.08 0.00	67.53 3.52 0.00	61.06 3.57 0.00	54.27 3.36 0.00	48.64 2.93 0.00
RAVENSWOOD___3 23535	50.85 3.19 0.00	46.73 2.77 0.00	45.56 2.78 0.00	45.25 2.76 0.00	45.78 2.67 0.00	49.36 2.88 0.00	72.25 4.28 0.00	91.14 4.91 0.00	82.41 4.74 0.00	71.32 3.84 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.60 3.58 0.00	61.00 3.51 0.00	54.07 3.16 0.00	48.45 2.74 0.00
RAVENSWOOD___4 23820	51.04 3.38 0.00	46.86 2.90 0.00	45.73 2.95 0.00	45.38 2.89 0.00	45.91 2.80 0.00	49.50 3.02 0.00	72.11 4.15 0.00	90.97 4.74 0.00	82.25 4.58 0.00	71.25 3.78 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.19 4.10 0.00	68.70 4.01 0.00	77.56 4.46 0.00	90.03 4.93 0.00	84.73 4.49 0.00	77.03 4.08 0.00	67.53 3.52 0.00	61.06 3.57 0.00	54.27 3.36 0.00	48.64 2.93 0.00
RCPL_TRUST___DRP 24196	50.80 3.15 0.00	46.77 2.81 0.00	45.56 2.78 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.36 2.88 0.00	72.31 4.35 0.00	91.23 5.00 0.00	82.49 4.82 0.00	71.39 3.91 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.31 3.87 0.00	65.87 4.02 0.00	66.13 4.04 0.00	68.83 4.14 0.00	77.70 4.61 0.00	90.29 5.19 0.00	85.06 4.81 0.00	77.32 4.38 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.02 3.11 0.00	48.36 2.65 0.00
RED___ROCHESTER 323720	45.51 -2.14 0.00	41.89 -2.07 0.00	40.73 -2.05 0.00	40.33 -2.17 0.00	41.04 -2.07 0.00	44.25 -2.23 0.00	65.11 -2.85 0.00	82.95 -3.28 0.00	74.02 -3.65 0.00	65.11 -2.36 0.00	61.69 -1.97 0.00	59.80 -2.36 0.00	58.02 -2.42 0.00	58.76 -3.09 0.00	58.99 -3.10 0.00	61.84 -2.84 0.00	69.73 -3.36 0.00	81.61 -3.49 0.00	77.11 -3.13 0.00	70.03 -2.92 0.00	61.13 -2.88 0.00	54.56 -2.93 0.00	48.16 -2.75 0.00	43.61 -2.10 0.00
REGAN___SOLAR 323812	49.47 1.81 0.00	45.72 1.76 0.00	44.54 1.75 0.00	44.32 1.83 0.00	44.79 1.68 0.00	48.66 2.18 0.00	71.23 3.26 0.00	90.28 4.05 0.00	80.16 2.48 0.00	68.83 1.35 0.00	64.55 0.89 0.00	63.04 0.87 0.00	61.22 0.78 0.00	62.96 1.11 0.00	63.71 1.61 0.00	66.95 2.26 0.00	75.80 2.71 0.00	88.76 3.66 0.00	83.77 3.53 0.00	76.01 3.06 0.00	66.58 2.56 0.00	59.79 2.30 0.00	53.00 2.09 0.00	47.35 1.64 0.00
RENSSELAER___COGEN 23796	48.99 1.33 0.00	45.23 1.28 0.00	44.07 1.28 0.00	43.77 1.27 0.00	44.32 1.21 0.00	47.73 1.26 0.00	68.85 0.88 0.00	87.18 0.95 0.00	78.68 1.01 0.00	68.35 0.87 0.00	64.17 0.51 0.00	62.72 0.56 0.00	60.87 0.43 0.00	62.59 0.74 0.00	62.96 0.87 0.00	65.47 0.78 0.00	74.04 0.95 0.00	85.86 0.76 0.00	80.88 0.64 0.00	73.53 0.58 0.00	64.84 0.83 0.00	58.24 0.75 0.00	52.08 1.17 0.00	46.71 1.00 0.00
REPUBLIC_115KV_BARTNBK 55605	51.75 4.10 0.00	47.78 3.82 0.00	46.59 3.81 0.00	46.49 3.99 0.00	46.77 3.66 0.00	50.94 4.46 0.00	74.49 6.52 0.00	94.59 8.36 0.00	84.58 6.91 0.00	73.35 5.87 0.00	68.63 4.97 0.00	66.95 4.79 0.00	64.61 4.17 0.00	66.18 4.33 0.00	66.69 4.60 0.00	69.54 4.85 0.00	78.94 5.85 0.00	92.84 7.74 0.00	87.54 7.30 0.00	79.22 6.27 0.00	69.58 5.57 0.00	62.15 4.66 0.00	55.29 4.38 0.00	50.33 4.62 0.00
REVERE_CPPR_DRP 24186	49.09 1.43 0.00	45.28 1.32 0.00	43.81 1.03 0.00	43.47 0.98 0.00	44.19 1.08 0.00	47.73 1.25 0.00	70.14 2.17 0.00	89.68 3.45 0.00	80.39 2.72 0.00	69.64 2.16 0.00	65.63 1.97 0.00	63.97 1.80 0.00	62.25 1.81 0.00	63.46 1.61 0.00	63.83 1.74 0.00	66.76 2.07 0.00	75.44 2.34 0.00	87.99 2.89 0.00	82.89 2.65 0.00	75.21 2.26 0.00	66.00 1.98 0.00	58.93 1.44 0.00	52.13 1.22 0.00	46.76 1.05 0.00
REYNLDPA_13_KV_LD 356490	48.04 0.38 0.00	44.22 0.27 0.00	43.04 0.26 0.00	42.83 0.34 0.00	43.54 0.43 0.00	47.04 0.56 0.00	68.99 1.02 0.00	87.53 1.30 0.00	78.84 1.17 0.00	68.55 1.08 0.00	64.74 1.08 0.00	63.22 1.06 0.00	61.58 1.15 0.00	62.90 1.05 0.00	62.90 0.81 0.00	65.53 0.84 0.00	73.90 0.81 0.00	86.04 0.94 0.00	81.13 0.88 0.00	73.82 0.88 0.00	64.91 0.90 0.00	58.58 1.09 0.00	51.77 0.86 0.00	46.49 0.78 0.00
REYNOLDS_115KV_TB3 80639	49.18 1.52 0.00	45.36 1.41 0.00	44.24 1.45 0.00	43.94 1.44 0.00	44.49 1.38 0.00	47.96 1.49 0.00	69.26 1.29 0.00	87.78 1.55 0.00	79.15 1.48 0.00	68.83 1.35 0.00	64.49 0.83 0.00	63.10 0.93 0.00	61.16 0.73 0.00	62.96 1.11 0.00	63.34 1.24 0.00	65.85 1.16 0.00	74.49 1.39 0.00	86.55 1.45 0.00	81.53 1.28 0.00	74.11 1.17 0.00	65.23 1.22 0.00	58.64 1.15 0.00	52.23 1.32 0.00	46.85 1.14 0.00
RIVERBAY____ 323610	51.61 3.96 0.00	47.47 3.52 0.00	46.29 3.51 0.00	45.89 3.40 0.00	46.43 3.32 0.00	49.92 3.44 0.00	72.65 4.69 0.00	91.66 5.43 0.00	82.80 5.13 0.00	71.66 4.18 0.00	67.86 4.20 0.00	66.52 4.35 0.00	64.67 4.23 0.00	66.24 4.39 0.00	66.50 4.41 0.00	69.22 4.53 0.00	77.99 4.90 0.00	90.55 5.45 0.00	85.30 5.06 0.00	77.54 4.60 0.00	67.98 3.97 0.00	61.52 4.02 0.00	54.68 3.77 0.00	49.00 3.29 0.00
RIVERSDE_115KV_TB3 55908	49.13 1.48 0.00	45.32 1.36 0.00	44.20 1.41 0.00	43.94 1.44 0.00	44.45 1.34 0.00	47.92 1.44 0.00	69.12 1.16 0.00	87.52 1.29 0.00	78.99 1.32 0.00	68.69 1.21 0.00	64.42 0.76 0.00	63.04 0.87 0.00	61.10 0.66 0.00	62.84 0.99 0.00	63.21 1.12 0.00	65.79 1.10 0.00	74.34 1.24 0.00	86.29 1.19 0.00	81.29 1.04 0.00	73.89 0.95 0.00	65.10 1.09 0.00	58.53 1.03 0.00	52.23 1.32 0.00	46.81 1.10 0.00
ROARING___BROOK_WT_PWR 323790	47.04 -0.62 0.00	43.21 -0.75 0.00	41.93 -0.86 0.00	41.56 -0.94 0.00	42.16 -0.95 0.00	45.50 -0.98 0.00	66.61 -1.36 0.00	84.59 -1.64 0.00	76.28 -1.40 0.00	66.33 -1.15 0.00	62.64 -1.02 0.00	61.23 -0.93 0.00	59.65 -0.79 0.00	61.11 -0.74 0.00	61.35 -0.74 0.00	63.91 -0.77 0.00	72.14 -0.95 0.00	83.91 -1.19 0.00	79.04 -1.20 0.00	71.78 -1.17 0.00	62.99 -1.03 0.00	56.63 -0.86 0.00	50.09 -0.82 0.00	44.98 -0.73 0.00

ROCHESRG_115KV_T4 355643	45.08 -2.57 0.00	41.80 -2.15 0.00	40.30 -2.48 0.00	39.99 -2.51 0.00	40.65 -2.46 0.00	43.73 -2.74 0.00	64.29 -3.67 0.00	81.83 -4.40 0.00	73.01 -4.66 0.00	64.24 -3.24 0.00	60.86 -2.80 0.00	58.93 -3.23 0.00	57.24 -3.20 0.00	57.95 -3.90 0.00	58.18 -3.91 0.00	60.87 -3.82 0.00	68.78 -4.31 0.00	80.50 -4.60 0.00	76.15 -4.09 0.00	69.08 -3.87 0.00	60.37 -3.65 0.00	53.58 -3.91 0.00	47.60 -3.31 0.00	43.10 -2.61 0.00
ROCHESTER_9_IC 23652	45.37 -2.29 0.00	42.02 -1.93 0.00	40.52 -2.27 0.00	40.24 -2.25 0.00	40.87 -2.24 0.00	44.01 -2.46 0.00	64.77 -3.19 0.00	82.52 -3.71 0.00	73.63 -4.04 0.00	64.78 -2.70 0.00	61.37 -2.29 0.00	59.49 -2.67 0.00	57.72 -2.72 0.00	58.45 -3.40 0.00	58.68 -3.42 0.00	61.39 -3.30 0.00	69.30 -3.80 0.00	81.18 -3.91 0.00	76.71 -3.53 0.00	69.66 -3.28 0.00	60.81 -3.20 0.00	53.99 -3.51 0.00	47.91 -3.00 0.00	43.38 -2.33 0.00
ROCKVIEW_13_KV_LD 356306	50.71 3.05 0.00	46.68 2.73 0.00	45.48 2.70 0.00	45.13 2.63 0.00	45.65 2.54 0.00	49.26 2.79 0.00	72.25 4.28 0.00	91.15 4.92 0.00	82.41 4.74 0.00	71.32 3.85 0.00	67.35 3.69 0.00	65.96 3.79 0.00	64.19 3.75 0.00	65.75 3.90 0.00	66.01 3.91 0.00	68.70 4.01 0.00	77.63 4.53 0.00	90.20 5.11 0.00	84.98 4.73 0.00	77.25 4.30 0.00	67.66 3.65 0.00	60.94 3.45 0.00	53.86 2.95 0.00	48.27 2.56 0.00
ROME____115KV_TB2 80656	49.09 1.43 0.00	45.28 1.32 0.00	43.81 1.03 0.00	43.47 0.98 0.00	44.19 1.08 0.00	47.73 1.25 0.00	70.14 2.17 0.00	89.68 3.45 0.00	80.39 2.72 0.00	69.64 2.16 0.00	65.63 1.97 0.00	63.97 1.80 0.00	62.25 1.81 0.00	63.46 1.61 0.00	63.83 1.74 0.00	66.76 2.07 0.00	75.44 2.34 0.00	87.99 2.89 0.00	82.89 2.65 0.00	75.21 2.26 0.00	66.00 1.98 0.00	58.93 1.44 0.00	52.13 1.22 0.00	46.76 1.05 0.00
ROSETON___1 23587	49.94 2.29 0.00	45.98 2.02 0.00	44.84 2.05 0.00	44.53 2.04 0.00	45.05 1.94 0.00	48.57 2.09 0.00	71.16 3.20 0.00	89.85 3.62 0.00	81.09 3.41 0.00	70.25 2.77 0.00	66.27 2.61 0.00	64.84 2.67 0.00	63.04 2.60 0.00	64.64 2.79 0.00	64.95 2.86 0.00	67.53 2.84 0.00	76.31 3.21 0.00	88.76 3.66 0.00	83.61 3.37 0.00	76.01 3.06 0.00	66.64 2.63 0.00	59.96 2.47 0.00	53.15 2.24 0.00	47.63 1.92 0.00
ROSETON___2 23588	49.94 2.29 0.00	45.98 2.02 0.00	44.84 2.05 0.00	44.53 2.04 0.00	45.05 1.94 0.00	48.57 2.09 0.00	71.16 3.20 0.00	89.85 3.62 0.00	81.09 3.41 0.00	70.25 2.77 0.00	66.27 2.61 0.00	64.84 2.67 0.00	63.04 2.60 0.00	64.64 2.79 0.00	64.95 2.86 0.00	67.53 2.84 0.00	76.31 3.21 0.00	88.76 3.66 0.00	83.61 3.37 0.00	76.01 3.06 0.00	66.64 2.63 0.00	59.96 2.47 0.00	53.15 2.24 0.00	47.63 1.92 0.00
ROTTRDAM_115KV_TB3 80664	48.94 1.29 0.00	45.14 1.19 0.00	44.02 1.24 0.00	43.73 1.23 0.00	44.27 1.16 0.00	47.78 1.30 0.00	69.66 1.70 0.00	88.39 2.16 0.00	79.46 1.79 0.00	68.96 1.48 0.00	64.87 1.21 0.00	63.41 1.24 0.00	61.53 1.09 0.00	63.15 1.30 0.00	63.46 1.37 0.00	66.11 1.42 0.00	74.78 1.68 0.00	87.14 2.04 0.00	82.17 1.93 0.00	74.62 1.68 0.00	65.55 1.54 0.00	58.81 1.32 0.00	52.18 1.27 0.00	46.85 1.14 0.00
RUSSELL___1 23602	45.51 -2.14 0.00	42.16 -1.80 0.00	40.64 -2.14 0.00	40.33 -2.17 0.00	41.04 -2.07 0.00	44.20 -2.28 0.00	65.04 -2.92 0.00	82.95 -3.28 0.00	74.02 -3.65 0.00	65.12 -2.36 0.00	61.69 -1.97 0.00	59.80 -2.36 0.00	57.96 -2.48 0.00	58.76 -3.09 0.00	58.99 -3.10 0.00	61.65 -3.04 0.00	69.66 -3.44 0.00	81.61 -3.49 0.00	77.11 -3.13 0.00	70.03 -2.92 0.00	61.13 -2.88 0.00	54.27 -3.22 0.00	48.11 -2.80 0.00	43.56 -2.15 0.00
RUSSELL___2 23532	45.51 -2.14 0.00	42.16 -1.80 0.00	40.64 -2.14 0.00	40.33 -2.17 0.00	41.04 -2.07 0.00	44.20 -2.28 0.00	65.04 -2.92 0.00	82.95 -3.28 0.00	74.02 -3.65 0.00	65.12 -2.36 0.00	61.69 -1.97 0.00	59.80 -2.36 0.00	57.96 -2.48 0.00	58.76 -3.09 0.00	58.99 -3.10 0.00	61.65 -3.04 0.00	69.66 -3.44 0.00	81.61 -3.49 0.00	77.11 -3.13 0.00	70.03 -2.92 0.00	61.13 -2.88 0.00	54.27 -3.22 0.00	48.11 -2.80 0.00	43.56 -2.15 0.00
RUSSELL___3 23549	45.51 -2.14 0.00	42.16 -1.80 0.00	40.64 -2.14 0.00	40.33 -2.17 0.00	41.04 -2.07 0.00	44.20 -2.28 0.00	65.04 -2.92 0.00	82.95 -3.28 0.00	74.02 -3.65 0.00	65.12 -2.36 0.00	61.69 -1.97 0.00	59.80 -2.36 0.00	57.96 -2.48 0.00	58.76 -3.09 0.00	58.99 -3.10 0.00	61.65 -3.04 0.00	69.66 -3.44 0.00	81.61 -3.49 0.00	77.11 -3.13 0.00	70.03 -2.92 0.00	61.13 -2.88 0.00	54.27 -3.22 0.00	48.11 -2.80 0.00	43.56 -2.15 0.00
RUSSELL___4 23556	45.51 -2.14 0.00	42.16 -1.80 0.00	40.64 -2.14 0.00	40.33 -2.17 0.00	41.04 -2.07 0.00	44.20 -2.28 0.00	65.04 -2.92 0.00	82.95 -3.28 0.00	74.02 -3.65 0.00	65.12 -2.36 0.00	61.69 -1.97 0.00	59.80 -2.36 0.00	57.96 -2.48 0.00	58.76 -3.09 0.00	58.99 -3.10 0.00	61.65 -3.04 0.00	69.66 -3.44 0.00	81.61 -3.49 0.00	77.11 -3.13 0.00	70.03 -2.92 0.00	61.13 -2.88 0.00	54.27 -3.22 0.00	48.11 -2.80 0.00	43.56 -2.15 0.00
RUSSELL__STATION 23914	45.51 -2.14 0.00	42.16 -1.80 0.00	40.64 -2.14 0.00	40.33 -2.17 0.00	41.04 -2.07 0.00	44.20 -2.28 0.00	65.04 -2.92 0.00	82.95 -3.28 0.00	74.02 -3.65 0.00	65.12 -2.36 0.00	61.69 -1.97 0.00	59.80 -2.36 0.00	57.96 -2.48 0.00	58.76 -3.09 0.00	58.99 -3.10 0.00	61.65 -3.04 0.00	69.66 -3.44 0.00	81.61 -3.49 0.00	77.11 -3.13 0.00	70.03 -2.92 0.00	61.13 -2.88 0.00	54.27 -3.22 0.00	48.11 -2.80 0.00	43.56 -2.15 0.00
S SALMON__HYD 24043	46.65 -1.00 0.00	43.03 -0.93 0.00	41.72 -1.07 0.00	41.39 -1.11 0.00	41.99 -1.12 0.00	45.22 -1.25 0.00	66.27 -1.70 0.00	84.42 -1.81 0.00	75.73 -1.94 0.00	65.72 -1.75 0.00	62.07 -1.59 0.00	60.55 -1.62 0.00	59.05 -1.39 0.00	60.24 -1.61 0.00	60.42 -1.67 0.00	62.94 -1.74 0.00	71.13 -1.97 0.00	83.14 -1.95 0.00	78.48 -1.77 0.00	71.27 -1.67 0.00	62.54 -1.47 0.00	55.94 -1.55 0.00	49.54 -1.37 0.00	44.57 -1.14 0.00
S.PERRY__115KV_TB1 80734	45.80 -1.86 0.00	42.37 -1.58 0.00	40.77 -2.01 0.00	40.41 -2.08 0.00	41.13 -1.98 0.00	44.38 -2.09 0.00	63.55 -4.42 0.00	81.40 -4.83 0.00	72.31 -5.36 0.00	63.02 -4.45 0.00	59.27 -4.39 0.00	57.01 -5.16 0.00	55.42 -5.02 0.00	56.16 -5.69 0.00	56.63 -5.46 0.00	59.58 -5.11 0.00	67.54 -5.56 0.00	79.74 -5.36 0.00	75.75 -4.49 0.00	68.86 -4.08 0.00	59.92 -4.10 0.00	54.85 -2.64 0.00	48.57 -2.34 0.00	43.84 -1.87 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.75 -3.91 0.00	40.62 -3.34 0.00	38.89 -3.89 0.00	38.58 -3.91 0.00	39.14 -3.97 0.00	41.92 -4.55 0.00	61.71 -6.25 0.00	78.56 -7.67 0.00	69.67 -8.00 0.00	61.54 -5.94 0.00	58.63 -5.03 0.00	56.38 -5.78 0.00	54.82 -5.62 0.00	55.11 -6.74 0.00	55.26 -6.83 0.00	57.96 -6.73 0.00	65.35 -7.75 0.00	76.93 -8.17 0.00	73.34 -6.90 0.00	66.16 -6.78 0.00	57.74 -6.27 0.00	51.00 -6.50 0.00	45.62 -5.29 0.00	41.41 -4.30 0.00

SAWYER___23_KV_LOAD 55526	43.75 -3.91 0.00	40.62 -3.34 0.00	38.89 -3.89 0.00	38.58 -3.91 0.00	39.14 -3.97 0.00	41.92 -4.55 0.00	61.71 -6.25 0.00	78.56 -7.67 0.00	69.67 -8.00 0.00	61.54 -5.94 0.00	58.63 -5.03 0.00	56.38 -5.78 0.00	54.82 -5.62 0.00	55.11 -6.74 0.00	55.26 -6.83 0.00	57.96 -6.73 0.00	65.35 -7.75 0.00	76.93 -8.17 0.00	73.34 -6.90 0.00	66.16 -6.78 0.00	57.74 -6.27 0.00	51.00 -6.50 0.00	45.62 -5.29 0.00	41.41 -4.30 0.00
SELKIRK___I 23801	49.18 1.52 0.00	45.45 1.50 0.00	44.28 1.50 0.00	44.02 1.53 0.00	44.53 1.42 0.00	47.96 1.49 0.00	69.53 1.56 0.00	88.04 1.81 0.00	79.31 1.63 0.00	68.83 1.35 0.00	64.62 0.96 0.00	63.16 0.99 0.00	61.29 0.85 0.00	62.96 1.11 0.00	63.34 1.24 0.00	65.98 1.29 0.00	74.63 1.54 0.00	86.71 1.61 0.00	81.76 1.52 0.00	74.33 1.38 0.00	65.36 1.35 0.00	58.76 1.26 0.00	52.33 1.42 0.00	46.94 1.23 0.00
SELKIRK___II 23799	48.89 1.24 0.00	45.14 1.19 0.00	43.98 1.20 0.00	43.68 1.19 0.00	44.23 1.12 0.00	47.64 1.16 0.00	68.99 1.02 0.00	87.44 1.21 0.00	78.84 1.17 0.00	68.42 0.94 0.00	64.30 0.64 0.00	62.91 0.75 0.00	61.04 0.60 0.00	62.72 0.87 0.00	63.09 0.99 0.00	65.59 0.91 0.00	74.19 1.10 0.00	86.12 1.02 0.00	81.13 0.88 0.00	73.82 0.88 0.00	64.91 0.90 0.00	58.36 0.86 0.00	52.03 1.12 0.00	46.67 0.96 0.00
SENECA OSWGO___HYD 24041	46.13 -1.53 0.00	42.59 -1.36 0.00	41.41 -1.37 0.00	41.09 -1.40 0.00	41.69 -1.42 0.00	44.94 -1.53 0.00	65.79 -2.18 0.00	83.65 -2.58 0.00	75.26 -2.41 0.00	65.46 -2.02 0.00	61.75 -1.91 0.00	60.24 -1.93 0.00	58.57 -1.87 0.00	59.81 -2.04 0.00	59.98 -2.11 0.00	62.61 -2.07 0.00	70.75 -2.34 0.00	82.55 -2.55 0.00	77.91 -2.33 0.00	70.76 -2.19 0.00	61.96 -2.05 0.00	55.48 -2.01 0.00	49.13 -1.78 0.00	44.20 -1.51 0.00
SENECA___115KV_TB3 355854	44.18 -3.48 0.00	40.53 -3.43 0.00	39.28 -3.51 0.00	38.88 -3.61 0.00	39.40 -3.71 0.00	42.34 -4.14 0.00	62.39 -5.57 0.00	79.50 -6.73 0.00	70.45 -7.22 0.00	62.15 -5.33 0.00	59.20 -4.46 0.00	56.88 -5.28 0.00	55.42 -5.02 0.00	55.61 -6.24 0.00	55.83 -6.27 0.00	58.87 -5.82 0.00	66.08 -7.02 0.00	77.87 -7.23 0.00	74.22 -6.02 0.00	66.89 -6.05 0.00	58.32 -5.70 0.00	51.92 -5.58 0.00	46.18 -4.73 0.00	41.82 -3.89 0.00
SENECA___ENERGY 23797	46.37 -1.28 0.00	42.73 -1.23 0.00	41.54 -1.24 0.00	41.22 -1.27 0.00	41.86 -1.25 0.00	45.17 -1.30 0.00	66.40 -1.56 0.00	84.51 -1.72 0.00	75.81 -1.86 0.00	65.99 -1.48 0.00	62.32 -1.34 0.00	60.67 -1.49 0.00	58.99 -1.45 0.00	60.05 -1.80 0.00	60.29 -1.80 0.00	63.07 -1.61 0.00	71.20 -1.90 0.00	83.14 -1.95 0.00	78.55 -1.69 0.00	71.34 -1.61 0.00	62.42 -1.60 0.00	55.71 -1.78 0.00	49.28 -1.63 0.00	44.38 -1.33 0.00
SHOEMAKER___GT 23640	49.80 2.15 0.00	45.80 1.85 0.00	44.66 1.88 0.00	44.36 1.87 0.00	44.92 1.81 0.00	48.43 1.95 0.00	70.88 2.92 0.00	89.68 3.45 0.00	80.70 3.03 0.00	69.84 2.36 0.00	65.89 2.23 0.00	64.40 2.23 0.00	62.61 2.17 0.00	64.14 2.29 0.00	64.45 2.36 0.00	67.15 2.46 0.00	76.02 2.93 0.00	88.51 3.41 0.00	83.46 3.21 0.00	75.79 2.84 0.00	66.45 2.43 0.00	59.79 2.30 0.00	52.89 1.98 0.00	47.45 1.74 0.00
SHOEMAKR_138KV_BK 111 55601	49.75 2.10 0.00	45.85 1.89 0.00	44.71 1.93 0.00	44.36 1.87 0.00	44.92 1.81 0.00	48.43 1.95 0.00	70.95 2.99 0.00	89.68 3.45 0.00	80.78 3.11 0.00	69.91 2.43 0.00	65.95 2.29 0.00	64.53 2.36 0.00	62.68 2.24 0.00	64.26 2.41 0.00	64.45 2.36 0.00	67.28 2.59 0.00	76.09 3.00 0.00	88.50 3.40 0.00	83.45 3.21 0.00	75.86 2.92 0.00	66.51 2.50 0.00	59.79 2.30 0.00	52.90 1.99 0.00	47.45 1.74 0.00
SHOREHAM_IC_1 23715	51.95 4.29 0.00	47.48 3.52 0.00	46.21 3.42 0.00	45.81 3.32 0.00	46.47 3.36 0.00	50.61 4.13 0.00	74.55 6.59 0.00	92.44 6.21 0.00	83.57 5.90 0.00	72.27 4.79 0.00	68.37 4.71 0.00	67.08 4.91 0.00	66.01 5.56 -0.01	67.67 5.81 -0.01	68.13 6.02 -0.01	70.78 6.08 -0.01	80.59 6.50 -0.99	92.34 7.23 -0.01	87.23 6.98 -0.01	80.18 6.64 -0.60	69.79 5.76 -0.01	63.08 5.58 -0.01	55.29 4.38 0.00	49.41 3.70 0.00
SHOREHAM_IC_2 23716	51.95 4.29 0.00	47.56 3.60 0.00	46.21 3.42 0.00	45.81 3.31 0.00	46.47 3.36 0.00	50.66 4.18 0.00	74.56 6.59 0.00	92.44 6.21 0.00	83.58 5.90 0.00	72.27 4.79 0.00	68.37 4.71 0.00	67.08 4.91 0.00	66.07 5.62 -0.01	67.67 5.81 -0.01	68.00 5.90 -0.01	70.84 6.15 -0.01	80.66 6.58 -0.99	92.34 7.23 -0.01	87.23 6.98 -0.01	80.18 6.64 -0.60	69.85 5.83 -0.01	63.08 5.58 -0.01	55.29 4.38 0.00	49.37 3.66 0.00
SISSONVILLE____ 23735	48.18 0.52 0.00	44.35 0.40 0.00	43.08 0.30 0.00	42.88 0.38 0.00	43.63 0.52 0.00	47.17 0.70 0.00	69.32 1.36 0.00	88.13 1.90 0.00	79.38 1.71 0.00	68.83 1.35 0.00	65.00 1.34 0.00	63.28 1.12 0.00	61.89 1.45 0.00	63.09 1.24 0.00	63.21 1.12 0.00	65.40 0.71 0.00	73.17 0.07 0.00	85.10 0.00 0.00	80.16 -0.08 0.00	73.24 0.29 0.00	64.97 0.96 0.00	58.93 1.44 0.00	51.98 1.07 0.00	46.62 0.91 0.00
SITHE_IND_GS1 24169	45.70 -1.96 0.00	42.20 -1.76 0.00	41.03 -1.76 0.00	40.71 -1.78 0.00	41.34 -1.77 0.00	44.53 -1.95 0.00	65.11 -2.85 0.00	82.69 -3.54 0.00	74.41 -3.26 0.00	64.71 -2.77 0.00	61.05 -2.61 0.00	59.56 -2.61 0.00	57.90 -2.54 0.00	59.19 -2.66 0.00	59.43 -2.67 0.00	61.97 -2.71 0.00	70.03 -3.07 0.00	81.69 -3.41 0.00	77.03 -3.21 0.00	70.03 -2.92 0.00	61.33 -2.69 0.00	54.96 -2.53 0.00	48.72 -2.19 0.00	43.79 -1.92 0.00
SITHE_IND_GS2 24170	45.70 -1.96 0.00	42.20 -1.76 0.00	41.03 -1.76 0.00	40.71 -1.78 0.00	41.34 -1.77 0.00	44.53 -1.95 0.00	65.11 -2.85 0.00	82.69 -3.54 0.00	74.41 -3.26 0.00	64.71 -2.77 0.00	61.05 -2.61 0.00	59.56 -2.61 0.00	57.90 -2.54 0.00	59.19 -2.66 0.00	59.43 -2.67 0.00	61.97 -2.71 0.00	70.03 -3.07 0.00	81.69 -3.41 0.00	77.03 -3.21 0.00	70.03 -2.92 0.00	61.33 -2.69 0.00	54.96 -2.53 0.00	48.72 -2.19 0.00	43.79 -1.92 0.00
SITHE_IND_GS3 24171	45.70 -1.96 0.00	42.20 -1.76 0.00	41.03 -1.76 0.00	40.71 -1.78 0.00	41.34 -1.77 0.00	44.53 -1.95 0.00	65.11 -2.85 0.00	82.69 -3.54 0.00	74.41 -3.26 0.00	64.71 -2.77 0.00	61.05 -2.61 0.00	59.56 -2.61 0.00	57.90 -2.54 0.00	59.19 -2.66 0.00	59.43 -2.67 0.00	61.97 -2.71 0.00	70.03 -3.07 0.00	81.69 -3.41 0.00	77.03 -3.21 0.00	70.03 -2.92 0.00	61.33 -2.69 0.00	54.96 -2.53 0.00	48.72 -2.19 0.00	43.79 -1.92 0.00
SITHE_IND_GS4 24172	45.70 -1.96 0.00	42.20 -1.76 0.00	41.03 -1.76 0.00	40.71 -1.78 0.00	41.34 -1.77 0.00	44.53 -1.95 0.00	65.11 -2.85 0.00	82.69 -3.54 0.00	74.41 -3.26 0.00	64.71 -2.77 0.00	61.05 -2.61 0.00	59.56 -2.61 0.00	57.90 -2.54 0.00	59.19 -2.66 0.00	59.43 -2.67 0.00	61.97 -2.71 0.00	70.03 -3.07 0.00	81.69 -3.41 0.00	77.03 -3.21 0.00	70.03 -2.92 0.00	61.33 -2.69 0.00	54.96 -2.53 0.00	48.72 -2.19 0.00	43.79 -1.92 0.00

SITHE____BATAVIA 24024	44.84 -2.81 0.00	41.23 -2.73 0.00	40.09 -2.69 0.00	39.65 -2.85 0.00	40.26 -2.85 0.00	43.36 -3.11 0.00	63.95 -4.01 0.00	81.66 -4.57 0.00	72.39 -5.28 0.00	63.77 -3.71 0.00	60.48 -3.18 0.00	58.25 -3.91 0.00	56.57 -3.87 0.00	56.96 -4.89 0.00	57.19 -4.91 0.00	60.29 -4.40 0.00	67.83 -5.26 0.00	79.82 -5.28 0.00	75.75 -4.49 0.00	68.71 -4.23 0.00	59.85 -4.16 0.00	53.30 -4.19 0.00	47.09 -3.82 0.00	42.74 -2.97 0.00
SITHE____INDEPEND 23800	45.70 -1.95 0.00	42.20 -1.76 0.00	40.99 -1.80 0.00	40.71 -1.78 0.00	41.34 -1.77 0.00	44.52 -1.95 0.00	65.11 -2.85 0.00	82.70 -3.54 0.00	74.41 -3.26 0.00	64.71 -2.77 0.00	61.05 -2.61 0.00	59.55 -2.61 0.00	57.90 -2.54 0.00	59.19 -2.66 0.00	59.36 -2.73 0.00	61.91 -2.78 0.00	70.03 -3.07 0.00	81.69 -3.40 0.00	77.03 -3.21 0.00	70.03 -2.92 0.00	61.33 -2.69 0.00	54.91 -2.59 0.00	48.72 -2.19 0.00	43.79 -1.92 0.00
SITHE____MASSENA 23902	48.23 0.57 0.00	44.40 0.44 0.00	43.17 0.38 0.00	43.01 0.51 0.00	43.71 0.60 0.00	47.22 0.74 0.00	69.25 1.29 0.00	87.86 1.63 0.00	79.07 1.40 0.00	68.76 1.28 0.00	64.93 1.27 0.00	63.41 1.24 0.00	61.83 1.39 0.00	63.15 1.30 0.00	63.09 0.99 0.00	65.72 1.03 0.00	74.04 0.95 0.00	86.20 1.10 0.00	81.28 1.04 0.00	73.97 1.02 0.00	65.17 1.15 0.00	58.87 1.38 0.00	51.98 1.07 0.00	46.67 0.96 0.00
SITHE____OGDNSBRG 24021	49.04 1.38 0.00	45.10 1.14 0.00	43.81 1.03 0.00	43.60 1.10 0.00	44.36 1.25 0.00	48.06 1.58 0.00	70.68 2.72 0.00	89.77 3.54 0.00	79.15 1.48 0.00	68.69 1.21 0.00	64.87 1.21 0.00	63.78 1.62 0.00	62.37 1.93 0.00	63.58 1.73 0.00	63.83 1.74 0.00	66.24 1.55 0.00	74.70 1.61 0.00	87.31 2.21 0.00	82.49 2.25 0.00	75.21 2.26 0.00	66.38 2.37 0.00	59.96 2.47 0.00	52.84 1.93 0.00	47.40 1.69 0.00
SITHE____STERLING 23777	48.66 1.00 0.00	44.88 0.92 0.00	43.55 0.77 0.00	43.22 0.72 0.00	43.89 0.78 0.00	47.41 0.93 0.00	69.59 1.63 0.00	88.82 2.58 0.00	79.69 2.02 0.00	69.03 1.55 0.00	65.13 1.47 0.00	63.47 1.31 0.00	61.77 1.33 0.00	63.02 1.17 0.00	63.34 1.24 0.00	66.18 1.49 0.00	74.78 1.68 0.00	87.14 2.04 0.00	82.17 1.92 0.00	74.55 1.60 0.00	65.42 1.41 0.00	58.47 0.98 0.00	51.72 0.81 0.00	46.44 0.73 0.00
SLEIGHT__34_KV_TB1 80719	45.61 -2.05 0.00	42.16 -1.80 0.00	40.77 -2.01 0.00	40.45 -2.04 0.00	41.17 -1.94 0.00	44.34 -2.14 0.00	65.31 -2.65 0.00	83.30 -2.93 0.00	74.57 -3.11 0.00	65.25 -2.23 0.00	61.75 -1.91 0.00	59.99 -2.18 0.00	58.20 -2.24 0.00	59.13 -2.72 0.00	59.30 -2.79 0.00	62.04 -2.65 0.00	70.03 -3.07 0.00	81.87 -3.23 0.00	77.27 -2.97 0.00	70.25 -2.70 0.00	61.33 -2.69 0.00	54.56 -2.93 0.00	48.36 -2.55 0.00	43.61 -2.10 0.00
SMITHTWN_69_KV_BK 1 55830	51.85 4.19 0.00	47.47 3.52 0.00	46.12 3.34 0.00	45.77 3.27 0.00	46.39 3.28 0.00	50.52 4.04 0.00	74.42 6.46 0.00	92.35 6.12 0.00	84.20 6.52 0.00	72.74 5.26 0.00	68.69 5.03 0.00	67.51 5.35 0.00	66.01 5.56 -0.01	67.61 5.75 -0.01	67.88 5.77 -0.01	70.65 5.95 -0.01	80.52 6.29 -1.13	92.00 6.89 -0.01	86.91 6.66 -0.01	79.92 6.27 -0.70	69.72 5.70 -0.01	62.96 5.46 -0.01	55.24 4.33 0.00	49.32 3.61 0.00
SOUTH CAIRO____GT 23612	50.09 2.43 0.00	46.20 2.24 0.00	45.05 2.27 0.00	44.79 2.29 0.00	45.39 2.28 0.00	48.94 2.46 0.00	71.02 3.06 0.00	90.02 3.79 0.00	80.47 2.80 0.00	69.44 1.96 0.00	64.87 1.21 0.00	63.28 1.12 0.00	61.35 0.91 0.00	63.09 1.24 0.00	63.46 1.37 0.00	66.56 1.88 0.00	75.80 2.70 0.00	88.50 3.40 0.00	83.61 3.37 0.00	75.72 2.77 0.00	66.57 2.56 0.00	59.91 2.41 0.00	53.20 2.29 0.00	47.81 2.10 0.00
SOUTH HAMPTN____IC 23720	52.04 4.38 0.00	47.56 3.61 0.00	46.29 3.51 0.00	45.93 3.44 0.00	46.56 3.45 0.00	50.75 4.27 0.00	74.63 6.66 0.00	92.52 6.29 0.00	83.81 6.13 0.00	72.40 4.92 0.00	68.56 4.90 0.00	67.26 5.10 0.00	66.13 5.68 -0.01	67.80 5.94 -0.01	68.25 6.15 -0.01	70.91 6.21 -0.01	80.81 6.72 -0.99	92.68 7.57 -0.01	87.48 7.22 -0.01	80.33 6.79 -0.60	69.85 5.82 -0.01	63.08 5.58 -0.01	55.24 4.32 0.00	49.46 3.75 0.00
SOUTHDOWN_115KV_TB1 355954	44.27 -3.38 0.00	40.97 -2.99 0.00	39.23 -3.55 0.00	38.88 -3.61 0.00	39.53 -3.58 0.00	42.57 -3.90 0.00	63.21 -4.76 0.00	80.80 -5.43 0.00	71.30 -6.37 0.00	62.69 -4.79 0.00	59.84 -3.82 0.00	57.38 -4.79 0.00	55.91 -4.53 0.00	56.16 -5.69 0.00	56.20 -5.90 0.00	59.06 -5.63 0.00	66.44 -6.65 0.00	79.57 -5.53 0.00	76.07 -4.17 0.00	67.62 -5.33 0.00	58.83 -5.19 0.00	51.74 -5.75 0.00	46.28 -4.63 0.00	41.87 -3.84 0.00
SOUTHOLD_69_KV_BK 2 55809	51.99 4.34 0.00	47.61 3.65 0.00	46.21 3.42 0.00	45.85 3.36 0.00	46.52 3.41 0.00	50.71 4.23 0.00	74.35 6.39 0.00	92.18 5.95 0.00	83.42 5.75 0.00	72.07 4.59 0.00	68.31 4.65 0.00	67.01 4.85 0.00	65.83 5.38 -0.01	67.55 5.69 -0.01	67.82 5.71 -0.01	70.78 6.08 -0.01	80.74 6.65 -0.99	92.51 7.40 -0.01	87.31 7.06 -0.01	80.18 6.64 -0.60	69.66 5.63 -0.01	62.85 5.35 -0.01	54.88 3.97 0.00	49.32 3.61 0.00
SOUTHOLD____IC 23719	51.99 4.34 0.00	47.48 3.52 0.00	46.21 3.42 0.00	45.85 3.36 0.00	46.51 3.40 0.00	50.70 4.23 0.00	74.35 6.39 0.00	92.18 5.95 0.00	83.42 5.75 0.00	72.07 4.59 0.00	68.31 4.64 0.00	67.02 4.85 0.00	65.83 5.38 -0.01	67.54 5.69 -0.01	67.94 5.84 -0.01	70.71 6.02 -0.01	80.67 6.58 -0.99	92.51 7.40 -0.01	87.31 7.06 -0.01	80.18 6.64 -0.60	69.59 5.57 -0.01	62.85 5.35 -0.01	54.93 4.02 0.00	49.37 3.66 0.00
SOUTH_FORK_WT_PWR 323839	51.51 3.86 0.00	47.08 3.12 0.00	45.78 2.99 0.00	45.42 2.93 0.00	46.08 2.97 0.00	50.29 3.81 0.00	73.40 5.44 0.00	91.06 4.83 0.00	82.41 4.74 0.00	71.19 3.71 0.00	67.48 3.82 0.00	66.20 4.04 0.00	65.04 4.59 -0.01	66.74 4.88 -0.01	67.13 5.03 -0.01	69.81 5.11 -0.01	79.72 5.63 -0.99	91.40 6.30 -0.01	86.27 6.02 -0.01	79.16 5.62 -0.60	68.76 4.74 -0.01	62.04 4.54 -0.01	54.22 3.31 0.00	48.91 3.20 0.00
SPIERFLS_115KV_TB 1 80737	49.42 1.76 0.00	45.58 1.63 0.00	44.45 1.67 0.00	44.24 1.74 0.00	44.66 1.55 0.00	48.43 1.95 0.00	70.48 2.51 0.00	89.51 3.28 0.00	80.39 2.72 0.00	69.84 2.36 0.00	65.44 1.78 0.00	63.97 1.80 0.00	61.89 1.45 0.00	63.46 1.61 0.00	63.83 1.74 0.00	66.43 1.75 0.00	75.22 2.12 0.00	87.91 2.81 0.00	82.89 2.65 0.00	75.13 2.19 0.00	66.13 2.11 0.00	59.27 1.78 0.00	52.74 1.83 0.00	48.32 2.61 0.00
ST LAWRENCE____ 23600	47.51 -0.14 0.00	43.78 -0.18 0.00	42.66 -0.13 0.00	42.41 -0.08 0.00	43.11 0.00 0.00	46.52 0.05 0.00	68.24 0.27 0.00	86.58 0.35 0.00	77.98 0.31 0.00	67.75 0.27 0.00	64.05 0.38 0.00	62.54 0.38 0.00	60.92 0.48 0.00	62.22 0.37 0.00	62.34 0.25 0.00	64.95 0.26 0.00	73.32 0.22 0.00	85.35 0.26 0.00	80.40 0.16 0.00	73.17 0.22 0.00	64.34 0.32 0.00	58.01 0.52 0.00	51.22 0.31 0.00	45.99 0.28 0.00

STATE_CA_115KV_115_LB 55624	49.28 1.62 0.00	45.45 1.49 0.00	44.32 1.54 0.00	44.02 1.53 0.00	44.53 1.42 0.00	48.06 1.58 0.00	69.26 1.29 0.00	87.61 1.38 0.00	79.15 1.48 0.00	68.76 1.28 0.00	64.55 0.89 0.00	63.16 0.99 0.00	61.23 0.79 0.00	62.96 1.11 0.00	63.34 1.24 0.00	65.92 1.23 0.00	74.49 1.39 0.00	86.38 1.28 0.00	81.37 1.12 0.00	73.89 0.95 0.00	65.17 1.15 0.00	58.64 1.15 0.00	52.39 1.48 0.00	46.94 1.23 0.00
STATE_ST_34_KV_LOAD 55959	47.04 -0.62 0.00	43.43 -0.53 0.00	42.14 -0.64 0.00	41.81 -0.68 0.00	42.46 -0.65 0.00	45.73 -0.74 0.00	67.28 -0.68 0.00	85.63 -0.60 0.00	76.82 -0.85 0.00	66.74 -0.74 0.00	62.90 -0.76 0.00	61.29 -0.87 0.00	59.53 -0.91 0.00	60.80 -1.05 0.00	61.04 -1.06 0.00	63.78 -0.91 0.00	72.07 -1.02 0.00	84.25 -0.85 0.00	79.68 -0.56 0.00	72.36 -0.58 0.00	63.31 -0.70 0.00	56.52 -0.98 0.00	50.04 -0.87 0.00	44.98 -0.73 0.00
STATION_5_MISC_HYD 23604	45.37 -2.29 0.00	41.76 -2.20 0.00	40.60 -2.18 0.00	40.24 -2.25 0.00	40.87 -2.24 0.00	44.11 -2.37 0.00	64.77 -3.19 0.00	82.53 -3.71 0.00	73.63 -4.04 0.00	64.78 -2.70 0.00	61.37 -2.29 0.00	59.49 -2.67 0.00	57.72 -2.72 0.00	58.45 -3.40 0.00	58.68 -3.42 0.00	61.52 -3.17 0.00	69.37 -3.73 0.00	81.19 -3.91 0.00	76.71 -3.53 0.00	69.66 -3.28 0.00	60.82 -3.20 0.00	54.33 -3.16 0.00	48.01 -2.90 0.00	43.43 -2.28 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.80 -1.86 0.00	42.37 -1.58 0.00	40.99 -1.80 0.00	40.67 -1.83 0.00	41.34 -1.77 0.00	44.57 -1.91 0.00	65.59 -2.38 0.00	83.56 -2.67 0.00	74.80 -2.87 0.00	65.45 -2.02 0.00	61.94 -1.72 0.00	60.11 -2.05 0.00	58.38 -2.05 0.00	59.31 -2.54 0.00	59.55 -2.55 0.00	62.23 -2.46 0.00	70.32 -2.78 0.00	82.21 -2.89 0.00	77.59 -2.65 0.00	70.54 -2.41 0.00	61.58 -2.43 0.00	54.79 -2.70 0.00	48.57 -2.34 0.00	43.84 -1.87 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.13 -2.53 0.00	41.80 -2.15 0.00	40.34 -2.44 0.00	40.03 -2.46 0.00	40.70 -2.41 0.00	43.83 -2.65 0.00	64.43 -3.53 0.00	82.09 -4.14 0.00	73.32 -4.35 0.00	64.44 -3.04 0.00	61.05 -2.61 0.00	59.18 -2.98 0.00	57.42 -3.02 0.00	58.20 -3.65 0.00	58.43 -3.66 0.00	61.13 -3.56 0.00	69.00 -4.09 0.00	80.84 -4.25 0.00	76.31 -3.93 0.00	69.30 -3.65 0.00	60.56 -3.46 0.00	53.81 -3.68 0.00	47.70 -3.21 0.00	43.20 -2.51 0.00
STA_56___34_KV_BUS2 355983	45.13 -2.53 0.00	41.80 -2.15 0.00	40.34 -2.44 0.00	40.03 -2.46 0.00	40.70 -2.41 0.00	43.83 -2.65 0.00	64.43 -3.53 0.00	82.09 -4.14 0.00	73.32 -4.35 0.00	64.44 -3.04 0.00	61.05 -2.61 0.00	59.18 -2.98 0.00	57.42 -3.02 0.00	58.20 -3.65 0.00	58.43 -3.66 0.00	61.13 -3.56 0.00	69.00 -4.09 0.00	80.84 -4.25 0.00	76.31 -3.93 0.00	69.30 -3.65 0.00	60.56 -3.46 0.00	53.81 -3.68 0.00	47.70 -3.21 0.00	43.20 -2.51 0.00
STA_67___115KV_BK2 355882	45.27 -2.38 0.00	41.98 -1.98 0.00	40.47 -2.31 0.00	40.16 -2.34 0.00	40.83 -2.28 0.00	43.97 -2.51 0.00	64.63 -3.33 0.00	82.35 -3.88 0.00	73.48 -4.19 0.00	64.64 -2.83 0.00	61.24 -2.42 0.00	59.31 -2.86 0.00	57.54 -2.90 0.00	58.32 -3.53 0.00	58.56 -3.54 0.00	61.19 -3.49 0.00	69.15 -3.95 0.00	81.01 -4.08 0.00	76.55 -3.69 0.00	69.52 -3.43 0.00	60.69 -3.33 0.00	53.87 -3.62 0.00	47.86 -3.05 0.00	43.33 -2.38 0.00
STA_7___115KV_9TRANS 80674	45.51 -2.14 0.00	42.16 -1.80 0.00	40.64 -2.14 0.00	40.33 -2.17 0.00	41.04 -2.07 0.00	44.20 -2.28 0.00	65.04 -2.92 0.00	82.95 -3.28 0.00	74.02 -3.65 0.00	65.12 -2.36 0.00	61.69 -1.97 0.00	59.80 -2.36 0.00	57.96 -2.48 0.00	58.76 -3.09 0.00	58.99 -3.10 0.00	61.65 -3.04 0.00	69.66 -3.44 0.00	81.61 -3.49 0.00	77.11 -3.13 0.00	70.03 -2.92 0.00	61.13 -2.88 0.00	54.27 -3.22 0.00	48.11 -2.80 0.00	43.56 -2.15 0.00
STA_82___115KV_TB1 80780	45.27 -2.38 0.00	41.94 -2.02 0.00	40.43 -2.35 0.00	40.16 -2.34 0.00	40.78 -2.33 0.00	43.92 -2.56 0.00	64.57 -3.40 0.00	82.26 -3.97 0.00	73.40 -4.27 0.00	64.58 -2.90 0.00	61.18 -2.48 0.00	59.24 -2.92 0.00	57.48 -2.96 0.00	58.26 -3.59 0.00	58.49 -3.60 0.00	61.13 -3.56 0.00	69.08 -4.02 0.00	80.93 -4.17 0.00	76.47 -3.77 0.00	69.44 -3.50 0.00	60.62 -3.39 0.00	53.87 -3.62 0.00	47.80 -3.11 0.00	43.29 -2.42 0.00
STEEL___WIND 323596	44.13 -3.53 0.00	40.53 -3.43 0.00	39.28 -3.51 0.00	38.84 -3.65 0.00	39.36 -3.75 0.00	42.34 -4.14 0.00	62.32 -5.64 0.00	79.42 -6.81 0.00	70.37 -7.30 0.00	62.08 -5.40 0.00	59.14 -4.52 0.00	56.82 -5.35 0.00	55.30 -5.14 0.00	55.54 -6.31 0.00	55.76 -6.33 0.00	58.80 -5.89 0.00	66.01 -7.09 0.00	77.78 -7.32 0.00	74.14 -6.10 0.00	66.82 -6.13 0.00	58.25 -5.76 0.00	51.92 -5.58 0.00	46.12 -4.79 0.00	41.78 -3.93 0.00
STEPHTWN_115KV_BK_2 55603	49.47 1.81 0.00	45.63 1.67 0.00	44.49 1.71 0.00	44.24 1.74 0.00	44.75 1.64 0.00	48.34 1.86 0.00	69.73 1.77 0.00	88.30 2.07 0.00	79.61 1.94 0.00	69.23 1.75 0.00	64.93 1.27 0.00	63.47 1.31 0.00	61.53 1.09 0.00	63.27 1.42 0.00	63.65 1.55 0.00	66.24 1.55 0.00	74.92 1.83 0.00	86.97 1.87 0.00	81.93 1.69 0.00	74.41 1.46 0.00	65.55 1.54 0.00	58.99 1.49 0.00	52.64 1.73 0.00	47.17 1.46 0.00
STEBEN_REC_LFGE 323667	43.80 -3.86 0.00	40.48 -3.47 0.00	38.85 -3.94 0.00	38.46 -4.04 0.00	39.10 -4.01 0.00	41.97 -4.51 0.00	62.39 -5.57 0.00	79.85 -6.38 0.00	71.61 -6.06 0.00	62.21 -5.26 0.00	58.76 -4.90 0.00	56.38 -5.78 0.00	54.88 -5.56 0.00	55.54 -6.31 0.00	55.95 -6.15 0.00	59.06 -5.63 0.00	66.81 -6.29 0.00	79.06 -6.04 0.00	75.51 -4.73 0.00	68.20 -4.74 0.00	59.34 -4.67 0.00	52.43 -5.06 0.00	46.53 -4.38 0.00	41.78 -3.93 0.00
STILLWATER___SOLAR 323814	49.70 2.05 0.00	45.89 1.93 0.00	44.71 1.93 0.00	44.45 1.96 0.00	44.96 1.85 0.00	48.62 2.14 0.00	70.69 2.72 0.00	89.77 3.54 0.00	80.70 3.03 0.00	70.11 2.63 0.00	65.70 2.04 0.00	64.21 2.05 0.00	62.19 1.75 0.00	63.89 2.04 0.00	64.33 2.23 0.00	66.95 2.26 0.00	75.80 2.71 0.00	88.51 3.41 0.00	83.37 3.13 0.00	75.65 2.70 0.00	66.45 2.43 0.00	59.56 2.07 0.00	53.00 2.09 0.00	47.40 1.69 0.00
STONY___BROOK 24151	51.80 4.14 0.00	47.34 3.38 0.00	46.08 3.29 0.00	45.72 3.23 0.00	46.34 3.23 0.00	50.47 4.00 0.00	74.35 6.39 0.00	92.26 6.03 0.00	84.04 6.37 0.00	72.67 5.20 0.00	68.63 4.97 0.00	67.45 5.28 0.00	65.95 5.50 -0.01	67.61 5.75 -0.01	68.01 5.90 -0.01	70.52 5.82 -0.01	80.34 6.21 -1.04	91.83 6.72 -0.01	86.75 6.50 -0.01	79.85 6.27 -0.63	69.66 5.63 -0.01	62.90 5.40 -0.01	55.19 4.28 0.00	49.28 3.57 0.00
STURGEON_POOL_HYD 23609	50.09 2.43 0.00	46.11 2.15 0.00	44.97 2.18 0.00	44.62 2.12 0.00	45.22 2.11 0.00	48.66 2.18 0.00	71.43 3.47 0.00	90.28 4.05 0.00	81.32 3.65 0.00	70.24 2.77 0.00	66.27 2.61 0.00	64.84 2.67 0.00	63.04 2.60 0.00	64.57 2.72 0.00	64.70 2.61 0.00	67.60 2.91 0.00	76.46 3.36 0.00	89.01 3.91 0.00	83.93 3.69 0.00	76.23 3.28 0.00	66.83 2.82 0.00	60.25 2.76 0.00	53.20 2.29 0.00	47.72 2.01 0.00

ST_LAW_115_BK7_LBMP 345037	47.56 -0.10 0.00	43.83 -0.13 0.00	42.66 -0.13 0.00	42.45 -0.04 0.00	43.15 0.04 0.00	46.62 0.14 0.00	68.31 0.34 0.00	86.66 0.43 0.00	78.06 0.39 0.00	67.82 0.34 0.00	64.11 0.45 0.00	62.60 0.44 0.00	60.98 0.54 0.00	62.34 0.49 0.00	62.41 0.31 0.00	65.01 0.33 0.00	73.32 0.22 0.00	85.35 0.26 0.00	80.48 0.24 0.00	73.24 0.29 0.00	64.40 0.39 0.00	58.07 0.57 0.00	51.27 0.36 0.00	46.03 0.32 0.00
ST_LAW_115_BK8_LBMP 345038	47.56 -0.10 0.00	43.83 -0.13 0.00	42.66 -0.13 0.00	42.45 -0.04 0.00	43.15 0.04 0.00	46.62 0.14 0.00	68.31 0.34 0.00	86.66 0.43 0.00	78.06 0.39 0.00	67.82 0.34 0.00	64.11 0.45 0.00	62.60 0.44 0.00	60.98 0.54 0.00	62.34 0.49 0.00	62.41 0.31 0.00	65.01 0.33 0.00	73.32 0.22 0.00	85.35 0.26 0.00	80.48 0.24 0.00	73.24 0.29 0.00	64.40 0.39 0.00	58.07 0.57 0.00	51.27 0.36 0.00	46.03 0.32 0.00
ST_LAW_230_BK5_LBMP 345035	47.51 -0.14 0.00	43.78 -0.18 0.00	42.66 -0.13 0.00	42.41 -0.08 0.00	43.11 0.00 0.00	46.52 0.05 0.00	68.24 0.27 0.00	86.58 0.35 0.00	77.98 0.31 0.00	67.75 0.27 0.00	64.05 0.38 0.00	62.54 0.38 0.00	60.92 0.48 0.00	62.22 0.37 0.00	62.34 0.25 0.00	64.95 0.26 0.00	73.32 0.22 0.00	85.35 0.26 0.00	80.40 0.16 0.00	73.17 0.22 0.00	64.34 0.32 0.00	58.01 0.52 0.00	51.22 0.31 0.00	45.99 0.28 0.00
ST_LAW_230_BK6_LBMP 345036	47.51 -0.14 0.00	43.78 -0.18 0.00	42.66 -0.13 0.00	42.41 -0.08 0.00	43.11 0.00 0.00	46.52 0.05 0.00	68.24 0.27 0.00	86.58 0.35 0.00	77.98 0.31 0.00	67.75 0.27 0.00	64.05 0.38 0.00	62.54 0.38 0.00	60.92 0.48 0.00	62.22 0.37 0.00	62.34 0.25 0.00	64.95 0.26 0.00	73.32 0.22 0.00	85.35 0.26 0.00	80.40 0.16 0.00	73.17 0.22 0.00	64.34 0.32 0.00	58.01 0.52 0.00	51.22 0.31 0.00	45.99 0.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.94 2.29 0.00	46.02 2.07 0.00	44.88 2.10 0.00	44.53 2.04 0.00	45.09 1.98 0.00	48.61 2.14 0.00	71.23 3.26 0.00	90.02 3.79 0.00	81.17 3.50 0.00	70.24 2.77 0.00	66.33 2.67 0.00	64.90 2.74 0.00	63.10 2.66 0.00	64.69 2.85 0.00	64.89 2.79 0.00	67.66 2.98 0.00	76.46 3.36 0.00	88.93 3.83 0.00	83.85 3.61 0.00	76.16 3.21 0.00	66.77 2.75 0.00	60.08 2.59 0.00	53.15 2.24 0.00	47.63 1.92 0.00
SWANROAD_115KV_TB1 355699	43.13 -4.53 0.00	40.09 -3.87 0.00	38.38 -4.41 0.00	38.12 -4.38 0.00	38.45 -4.66 0.00	41.18 -5.30 0.00	60.49 -7.48 0.00	77.09 -9.14 0.00	68.27 -9.40 0.00	60.46 -7.02 0.00	57.55 -6.11 0.00	55.33 -6.84 0.00	53.79 -6.65 0.00	53.99 -7.85 0.00	54.21 -7.89 0.00	56.86 -7.83 0.00	64.11 -8.99 0.00	75.40 -9.70 0.00	71.82 -8.43 0.00	64.85 -8.10 0.00	56.59 -7.43 0.00	50.02 -7.47 0.00	44.75 -6.16 0.00	40.73 -4.98 0.00
SYNERGY___BIOGAS 323694	44.84 -2.81 0.00	41.63 -2.33 0.00	39.96 -2.82 0.00	39.65 -2.85 0.00	40.26 -2.85 0.00	43.27 -3.21 0.00	63.89 -4.08 0.00	81.66 -4.57 0.00	72.39 -5.28 0.00	63.77 -3.71 0.00	60.48 -3.18 0.00	58.25 -3.92 0.00	56.51 -3.93 0.00	56.96 -4.89 0.00	57.19 -4.91 0.00	60.03 -4.66 0.00	67.76 -5.34 0.00	79.82 -5.28 0.00	75.75 -4.49 0.00	68.72 -4.23 0.00	59.85 -4.16 0.00	52.84 -4.66 0.00	46.99 -3.92 0.00	42.69 -3.02 0.00
SYRACUSE___ENERGY_ST1 323597	46.94 -0.71 0.00	43.34 -0.62 0.00	42.06 -0.73 0.00	41.73 -0.76 0.00	42.38 -0.73 0.00	45.64 -0.84 0.00	66.88 -1.09 0.00	85.11 -1.12 0.00	76.51 -1.17 0.00	66.53 -0.94 0.00	62.77 -0.89 0.00	61.23 -0.93 0.00	59.53 -0.91 0.00	60.80 -1.05 0.00	61.04 -1.06 0.00	63.72 -0.97 0.00	71.93 -1.17 0.00	83.91 -1.19 0.00	79.20 -1.04 0.00	71.92 -1.02 0.00	62.99 -1.02 0.00	56.34 -1.15 0.00	49.94 -0.97 0.00	44.89 -0.82 0.00
SYRACUSE___ENERGY_ST2 323598	46.94 -0.71 0.00	43.34 -0.62 0.00	42.06 -0.73 0.00	41.73 -0.76 0.00	42.38 -0.73 0.00	45.64 -0.84 0.00	66.88 -1.09 0.00	85.11 -1.12 0.00	76.51 -1.17 0.00	66.53 -0.94 0.00	62.77 -0.89 0.00	61.23 -0.93 0.00	59.53 -0.91 0.00	60.80 -1.05 0.00	61.04 -1.06 0.00	63.72 -0.97 0.00	71.93 -1.17 0.00	83.91 -1.19 0.00	79.20 -1.04 0.00	71.92 -1.02 0.00	62.99 -1.02 0.00	56.34 -1.15 0.00	49.94 -0.97 0.00	44.89 -0.82 0.00
SYRACUSE___POWER 24017	46.89 -0.76 0.00	43.30 -0.66 0.00	42.01 -0.77 0.00	41.69 -0.81 0.00	42.33 -0.78 0.00	45.64 -0.84 0.00	66.88 -1.09 0.00	85.02 -1.21 0.00	76.51 -1.17 0.00	66.47 -1.01 0.00	62.71 -0.95 0.00	61.17 -0.99 0.00	59.47 -0.97 0.00	60.74 -1.11 0.00	60.98 -1.12 0.00	63.65 -1.03 0.00	71.85 -1.24 0.00	83.82 -1.28 0.00	79.20 -1.04 0.00	71.92 -1.02 0.00	62.99 -1.02 0.00	56.29 -1.21 0.00	49.94 -0.97 0.00	44.89 -0.82 0.00
TALLMAN__138KV_BK151 55660	50.18 2.53 0.00	46.20 2.24 0.00	45.05 2.27 0.00	44.70 2.21 0.00	45.27 2.16 0.00	48.80 2.32 0.00	71.63 3.67 0.00	90.37 4.14 0.00	81.63 3.96 0.00	70.58 3.10 0.00	66.65 2.99 0.00	65.27 3.11 0.00	63.46 3.02 0.00	65.07 3.22 0.00	65.26 3.17 0.00	67.99 3.30 0.00	76.82 3.73 0.00	89.35 4.25 0.00	84.25 4.01 0.00	76.59 3.65 0.00	67.09 3.07 0.00	60.37 2.87 0.00	53.40 2.49 0.00	47.86 2.15 0.00
TEALLAVE_115KV_TB7 355573	46.66 -1.00 0.00	43.08 -0.88 0.00	41.84 -0.94 0.00	41.52 -0.98 0.00	42.16 -0.95 0.00	45.41 -1.07 0.00	66.47 -1.50 0.00	84.51 -1.72 0.00	76.04 -1.63 0.00	66.20 -1.28 0.00	62.45 -1.21 0.00	60.92 -1.24 0.00	59.23 -1.21 0.00	60.49 -1.36 0.00	60.67 -1.43 0.00	63.33 -1.36 0.00	71.49 -1.61 0.00	83.40 -1.70 0.00	78.72 -1.52 0.00	71.49 -1.46 0.00	62.61 -1.41 0.00	56.00 -1.49 0.00	49.69 -1.22 0.00	44.66 -1.05 0.00
TELGGRAPH_34_KV_EAST 80808	44.13 -3.53 0.00	40.97 -2.99 0.00	39.28 -3.51 0.00	39.01 -3.48 0.00	39.49 -3.62 0.00	42.39 -4.09 0.00	62.46 -5.51 0.00	79.68 -6.55 0.00	70.60 -7.07 0.00	62.42 -5.06 0.00	59.27 -4.39 0.00	57.07 -5.10 0.00	55.42 -5.02 0.00	55.73 -6.12 0.00	55.95 -6.15 0.00	58.67 -6.02 0.00	66.23 -6.87 0.00	77.95 -7.15 0.00	74.06 -6.18 0.00	67.04 -5.91 0.00	58.45 -5.57 0.00	51.63 -5.86 0.00	46.07 -4.84 0.00	41.82 -3.89 0.00
TEMPLE___115KV_TB 2 55572	46.70 -0.95 0.00	43.12 -0.84 0.00	41.84 -0.94 0.00	41.52 -0.98 0.00	42.16 -0.95 0.00	45.41 -1.07 0.00	66.54 -1.43 0.00	84.59 -1.64 0.00	76.12 -1.55 0.00	66.20 -1.28 0.00	62.52 -1.15 0.00	60.98 -1.18 0.00	59.29 -1.15 0.00	60.55 -1.30 0.00	60.73 -1.37 0.00	63.39 -1.29 0.00	71.56 -1.54 0.00	83.40 -1.70 0.00	78.72 -1.52 0.00	71.49 -1.46 0.00	62.61 -1.41 0.00	56.00 -1.49 0.00	49.69 -1.22 0.00	44.66 -1.05 0.00
TIANA____69_KV_BK 1 55817	52.09 4.43 0.00	47.69 3.74 0.00	46.33 3.55 0.00	45.94 3.44 0.00	46.60 3.49 0.00	50.75 4.28 0.00	74.69 6.73 0.00	92.70 6.47 0.00	83.89 6.21 0.00	72.54 5.06 0.00	68.63 4.97 0.00	67.39 5.22 0.00	66.25 5.80 -0.01	67.86 6.00 -0.01	68.19 6.09 -0.01	71.04 6.34 -0.01	80.88 6.80 -0.99	92.77 7.66 -0.01	87.55 7.30 -0.01	80.40 6.86 -0.60	69.98 5.95 -0.01	63.19 5.69 -0.01	55.34 4.43 0.00	49.46 3.75 0.00

TILDEN___115KV_TB1 80814	46.89 -0.76 0.00	43.30 -0.66 0.00	42.01 -0.77 0.00	41.69 -0.81 0.00	42.33 -0.78 0.00	45.64 -0.84 0.00	66.88 -1.09 0.00	85.02 -1.21 0.00	76.51 -1.17 0.00	66.47 -1.01 0.00	62.71 -0.95 0.00	61.17 -0.99 0.00	59.47 -0.97 0.00	60.74 -1.11 0.00	60.98 -1.12 0.00	63.65 -1.03 0.00	71.85 -1.24 0.00	83.82 -1.28 0.00	79.20 -1.04 0.00	71.92 -1.02 0.00	62.99 -1.02 0.00	56.29 -1.21 0.00	49.94 -0.97 0.00	44.89 -0.82 0.00
TRIGEN___CC 323695	51.28 3.62 0.00	47.08 3.12 0.00	45.78 2.99 0.00	45.43 2.93 0.00	46.00 2.89 0.00	49.92 3.44 0.00	73.33 5.37 0.00	91.58 5.35 0.00	83.34 5.67 0.00	72.00 4.52 0.00	68.05 4.39 0.00	66.83 4.66 0.00	65.05 4.59 -0.02	66.57 4.70 -0.02	66.83 4.72 -0.02	69.49 4.79 -0.02	78.30 5.19 -0.02	90.99 5.87 -0.02	85.88 5.62 -0.02	78.07 5.11 -0.02	68.64 4.61 -0.02	61.88 4.37 -0.02	54.58 3.67 0.00	48.77 3.06 0.00
TRINITY__115KV__4 BK 55933	49.04 1.38 0.00	45.23 1.27 0.00	44.15 1.37 0.00	43.85 1.36 0.00	44.36 1.25 0.00	47.87 1.39 0.00	68.98 1.02 0.00	87.35 1.12 0.00	78.84 1.17 0.00	68.49 1.01 0.00	64.30 0.64 0.00	62.85 0.68 0.00	60.98 0.54 0.00	62.72 0.87 0.00	63.03 0.93 0.00	65.59 0.91 0.00	74.19 1.10 0.00	86.03 0.94 0.00	81.04 0.80 0.00	73.68 0.73 0.00	64.91 0.90 0.00	58.41 0.92 0.00	52.13 1.22 0.00	46.76 1.05 0.00
UNION___PROCESSING_DRP 323587	45.27 -2.38 0.00	41.94 -2.02 0.00	40.43 -2.35 0.00	40.16 -2.34 0.00	40.78 -2.33 0.00	43.92 -2.56 0.00	64.57 -3.40 0.00	82.26 -3.97 0.00	73.40 -4.27 0.00	64.58 -2.90 0.00	61.18 -2.48 0.00	59.24 -2.92 0.00	57.54 -2.90 0.00	58.26 -3.59 0.00	58.49 -3.60 0.00	61.19 -3.49 0.00	69.08 -4.02 0.00	80.93 -4.17 0.00	76.47 -3.77 0.00	69.44 -3.50 0.00	60.62 -3.39 0.00	53.87 -3.62 0.00	47.80 -3.11 0.00	43.29 -2.42 0.00
UPPER HUDSON___HYD 24058	49.42 1.76 0.00	45.58 1.63 0.00	44.45 1.67 0.00	44.24 1.74 0.00	44.66 1.55 0.00	48.38 1.91 0.00	70.48 2.52 0.00	89.51 3.28 0.00	80.39 2.72 0.00	69.84 2.36 0.00	65.44 1.78 0.00	63.97 1.80 0.00	61.89 1.45 0.00	63.46 1.61 0.00	63.83 1.74 0.00	66.43 1.75 0.00	75.22 2.12 0.00	87.90 2.80 0.00	82.89 2.64 0.00	75.13 2.19 0.00	66.12 2.11 0.00	59.16 1.67 0.00	52.74 1.83 0.00	47.13 1.42 0.00
UPPER RAQUET___HYD 24056	48.18 0.53 0.00	44.35 0.39 0.00	43.08 0.30 0.00	42.88 0.38 0.00	43.63 0.52 0.00	47.17 0.70 0.00	69.32 1.36 0.00	88.13 1.89 0.00	79.38 1.71 0.00	68.83 1.35 0.00	65.00 1.34 0.00	63.29 1.12 0.00	61.89 1.45 0.00	63.09 1.24 0.00	63.03 0.93 0.00	65.40 0.71 0.00	73.17 0.07 0.00	85.10 0.00 0.00	80.16 -0.08 0.00	73.24 0.29 0.00	64.98 0.96 0.00	58.93 1.44 0.00	51.98 1.07 0.00	46.62 0.91 0.00
VALLEY44_115KV_TB2 355964	44.18 -3.48 0.00	40.92 -3.03 0.00	39.23 -3.55 0.00	38.88 -3.61 0.00	39.49 -3.62 0.00	42.48 -4.00 0.00	63.00 -4.96 0.00	80.02 -6.21 0.00	70.45 -7.22 0.00	61.68 -5.80 0.00	58.76 -4.90 0.00	56.45 -5.72 0.00	54.88 -5.56 0.00	55.23 -6.62 0.00	55.39 -6.71 0.00	58.35 -6.34 0.00	65.71 -7.38 0.00	77.70 -7.40 0.00	74.30 -5.94 0.00	66.96 -5.98 0.00	58.32 -5.70 0.00	51.40 -6.09 0.00	45.87 -5.04 0.00	41.55 -4.16 0.00
VALLEY___115KV_TB 1-4 80826	49.51 1.86 0.00	45.72 1.76 0.00	44.45 1.67 0.00	44.19 1.70 0.00	44.83 1.72 0.00	48.38 1.91 0.00	70.68 2.72 0.00	89.77 3.54 0.00	80.78 3.11 0.00	70.18 2.70 0.00	66.40 2.74 0.00	64.78 2.61 0.00	62.98 2.54 0.00	64.26 2.41 0.00	64.58 2.48 0.00	67.21 2.52 0.00	75.95 2.85 0.00	88.33 3.23 0.00	83.21 2.97 0.00	75.57 2.63 0.00	66.25 2.24 0.00	59.39 1.90 0.00	52.59 1.68 0.00	47.22 1.51 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.56 1.91 0.00	45.67 1.71 0.00	44.49 1.71 0.00	44.15 1.66 0.00	44.79 1.68 0.00	48.29 1.81 0.00	70.82 2.85 0.00	90.11 3.88 0.00	81.01 3.34 0.00	70.31 2.83 0.00	66.53 2.86 0.00	64.84 2.67 0.00	63.10 2.66 0.00	64.32 2.47 0.00	64.58 2.48 0.00	67.40 2.72 0.00	76.17 3.07 0.00	88.59 3.49 0.00	83.53 3.29 0.00	75.86 2.92 0.00	66.57 2.56 0.00	59.56 2.07 0.00	52.74 1.83 0.00	47.31 1.60 0.00
VISCHER___FERRY HYD 24020	49.42 1.76 0.00	45.63 1.67 0.00	44.45 1.67 0.00	44.20 1.70 0.00	44.71 1.60 0.00	48.24 1.77 0.00	69.94 1.97 0.00	88.82 2.58 0.00	80.00 2.33 0.00	69.50 2.02 0.00	65.13 1.47 0.00	63.72 1.55 0.00	61.71 1.27 0.00	63.52 1.67 0.00	63.96 1.86 0.00	66.50 1.81 0.00	75.22 2.12 0.00	87.74 2.64 0.00	82.65 2.41 0.00	75.06 2.12 0.00	65.93 1.92 0.00	59.10 1.61 0.00	52.59 1.68 0.00	47.08 1.37 0.00
V_A_10_SYNC_DSASP 323832	44.03 -3.62 0.00	40.84 -3.12 0.00	39.23 -3.55 0.00	38.92 -3.57 0.00	39.49 -3.62 0.00	42.39 -4.09 0.00	62.26 -5.71 0.00	79.16 -7.07 0.00	70.37 -7.30 0.00	62.15 -5.33 0.00	59.01 -4.65 0.00	56.94 -5.22 0.00	55.30 -5.14 0.00	55.79 -6.06 0.00	55.95 -6.15 0.00	58.61 -6.08 0.00	66.15 -6.94 0.00	77.70 -7.40 0.00	73.74 -6.50 0.00	66.75 -6.20 0.00	58.32 -5.70 0.00	51.63 -5.86 0.00	46.07 -4.84 0.00	41.82 -3.89 0.00
V_CMM_10_SYNC_DSASP 323787	47.80 0.14 0.00	44.00 0.04 0.00	42.83 0.04 0.00	42.66 0.17 0.00	43.33 0.22 0.00	46.80 0.33 0.00	68.64 0.68 0.00	87.09 0.86 0.00	78.45 0.78 0.00	68.22 0.74 0.00	64.42 0.76 0.00	62.91 0.75 0.00	61.29 0.85 0.00	62.59 0.74 0.00	62.84 0.75 0.00	65.27 0.58 0.00	73.61 0.51 0.00	85.69 0.60 0.00	80.80 0.56 0.00	73.53 0.58 0.00	64.65 0.64 0.00	58.35 0.86 0.00	51.52 0.61 0.00	46.26 0.55 0.00
V_CMP_10_SYNC_DSASP 323788	46.89 -0.76 0.00	43.25 -0.70 0.00	42.18 -0.60 0.00	42.11 -0.38 0.00	42.94 -0.17 0.00	46.48 0.00 0.00	67.83 -0.14 0.00	86.06 -0.17 0.00	77.67 0.00 0.00	67.41 -0.07 0.00	64.11 0.45 0.00	62.54 0.37 0.00	60.98 0.54 0.00	62.28 0.43 0.00	62.47 0.37 0.00	64.56 -0.13 0.00	72.88 -0.22 0.00	84.84 -0.26 0.00	79.92 -0.32 0.00	72.73 -0.22 0.00	64.14 0.13 0.00	58.53 1.03 0.00	51.62 0.71 0.00	46.30 0.59 0.00
V_D_10_SYNC_DSASP 323841	48.23 0.57 0.00	44.40 0.44 0.00	43.17 0.39 0.00	42.96 0.47 0.00	43.67 0.56 0.00	47.22 0.74 0.00	69.26 1.29 0.00	87.87 1.64 0.00	79.07 1.40 0.00	68.69 1.21 0.00	64.93 1.27 0.00	63.35 1.18 0.00	61.83 1.39 0.00	63.09 1.24 0.00	63.27 1.18 0.00	65.72 1.04 0.00	74.05 0.95 0.00	86.21 1.11 0.00	81.29 1.04 0.00	73.97 1.02 0.00	65.10 1.09 0.00	58.81 1.32 0.00	51.93 1.02 0.00	46.62 0.91 0.00
V_E_10_SYNC_DSASP 323830	50.09 2.43 0.00	46.24 2.29 0.00	44.79 2.01 0.00	44.36 1.87 0.00	45.14 2.03 0.00	48.80 2.32 0.00	72.18 4.21 0.00	92.61 6.38 0.00	82.64 4.97 0.00	71.46 3.98 0.00	67.61 3.95 0.00	65.65 3.48 0.00	64.07 3.63 0.00	64.88 3.03 0.00	65.20 3.10 0.00	68.44 3.75 0.00	77.41 4.31 0.00	90.97 5.87 0.00	86.10 5.86 0.00	77.83 4.89 0.00	68.18 4.16 0.00	60.08 2.59 0.00	53.10 2.19 0.00	47.63 1.92 0.00

V_F_30_NSYNC___DSASP 323816	49.75 2.10 0.00	45.89 1.93 0.00	44.75 1.97 0.00	44.49 2.00 0.00	44.96 1.85 0.00	48.61 2.14 0.00	70.75 2.79 0.00	89.85 3.62 0.00	80.78 3.11 0.00	70.18 2.70 0.00	65.83 2.16 0.00	64.34 2.18 0.00	62.31 1.87 0.00	64.01 2.16 0.00	64.39 2.30 0.00	67.02 2.33 0.00	75.87 2.78 0.00	88.59 3.49 0.00	83.45 3.21 0.00	75.72 2.77 0.00	66.51 2.50 0.00	59.68 2.18 0.00	53.00 2.09 0.00	47.77 2.06 0.00
V_F_30_SYNC_DSASP 323786	49.23 1.57 0.00	45.45 1.49 0.00	44.32 1.54 0.00	44.02 1.53 0.00	44.53 1.42 0.00	48.06 1.58 0.00	69.26 1.29 0.00	87.61 1.38 0.00	79.07 1.40 0.00	68.76 1.28 0.00	64.55 0.89 0.00	63.16 0.99 0.00	61.23 0.79 0.00	62.96 1.11 0.00	63.34 1.24 0.00	65.85 1.16 0.00	74.49 1.39 0.00	86.38 1.28 0.00	81.29 1.04 0.00	73.89 0.95 0.00	65.17 1.15 0.00	58.64 1.15 0.00	52.39 1.48 0.00	46.94 1.23 0.00
V_XM_10_SYNC_DSASP 323789	46.89 -0.76 0.00	43.25 -0.70 0.00	42.18 -0.60 0.00	42.11 -0.38 0.00	42.94 -0.17 0.00	46.48 0.00 0.00	67.83 -0.14 0.00	86.06 -0.17 0.00	77.67 0.00 0.00	67.41 -0.07 0.00	64.11 0.45 0.00	62.54 0.37 0.00	60.98 0.54 0.00	62.28 0.43 0.00	62.47 0.37 0.00	64.56 -0.13 0.00	72.88 -0.22 0.00	84.84 -0.26 0.00	79.92 -0.32 0.00	72.73 -0.22 0.00	64.14 0.13 0.00	58.53 1.03 0.00	51.62 0.71 0.00	46.30 0.59 0.00
W.BABYLN_69_KV_BK1 56697	52.37 4.72 0.00	47.96 4.00 0.00	46.59 3.81 0.00	46.19 3.70 0.00	46.86 3.75 0.00	50.98 4.51 0.00	75.17 7.20 0.00	93.56 7.33 0.00	85.21 7.53 0.00	73.55 6.07 0.00	69.58 5.92 0.00	68.26 6.09 0.00	66.61 6.16 -0.01	68.23 6.37 -0.01	68.50 6.40 -0.01	71.36 6.66 -0.01	80.38 7.16 -0.13	93.45 8.34 -0.01	88.20 7.94 -0.01	80.03 7.00 -0.08	70.49 6.47 -0.01	63.54 6.04 -0.01	55.80 4.89 0.00	49.78 4.07 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.42 2.76 0.00	46.42 2.46 0.00	45.22 2.44 0.00	44.87 2.38 0.00	45.44 2.33 0.00	48.99 2.51 0.00	71.97 4.01 0.00	90.89 4.66 0.00	82.02 4.35 0.00	70.92 3.44 0.00	67.04 3.37 0.00	65.58 3.42 0.00	63.76 3.32 0.00	65.38 3.53 0.00	65.57 3.48 0.00	68.37 3.69 0.00	77.26 4.17 0.00	89.86 4.77 0.00	84.74 4.49 0.00	76.96 4.01 0.00	67.41 3.39 0.00	60.71 3.22 0.00	53.66 2.75 0.00	48.09 2.38 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.80 3.15 0.00	46.77 2.81 0.00	45.56 2.78 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.36 2.88 0.00	72.31 4.35 0.00	91.23 5.00 0.00	82.49 4.82 0.00	71.39 3.91 0.00	67.48 3.82 0.00	66.08 3.92 0.00	64.31 3.87 0.00	65.87 4.02 0.00	66.13 4.04 0.00	68.83 4.14 0.00	77.70 4.61 0.00	90.29 5.19 0.00	85.06 4.81 0.00	77.32 4.38 0.00	67.66 3.65 0.00	61.00 3.51 0.00	54.02 3.11 0.00	48.36 2.65 0.00
W50THST__13_KV_LOAD 356117	51.04 3.38 0.00	46.95 2.99 0.00	45.74 2.95 0.00	45.38 2.89 0.00	45.91 2.80 0.00	49.54 3.07 0.00	72.65 4.69 0.00	91.75 5.52 0.00	82.95 5.28 0.00	71.80 4.32 0.00	67.86 4.20 0.00	66.45 4.29 0.00	64.67 4.23 0.00	66.24 4.39 0.00	66.44 4.35 0.00	69.22 4.53 0.00	78.14 5.04 0.00	90.80 5.70 0.00	85.54 5.30 0.00	77.69 4.74 0.00	67.98 3.97 0.00	61.23 3.74 0.00	54.27 3.36 0.00	48.59 2.88 0.00
WADING RIVER_IC_1 23522	51.95 4.29 0.00	47.48 3.52 0.00	46.21 3.42 0.00	45.85 3.36 0.00	46.47 3.36 0.00	50.66 4.18 0.00	74.63 6.66 0.00	92.52 6.29 0.00	83.57 5.90 0.00	72.20 4.72 0.00	68.31 4.64 0.00	67.08 4.91 0.00	66.07 5.62 -0.01	67.74 5.88 -0.01	68.19 6.09 -0.01	70.84 6.15 -0.01	80.67 6.58 -0.99	92.43 7.32 -0.01	87.31 7.06 -0.01	80.18 6.64 -0.60	69.85 5.82 -0.01	63.08 5.58 -0.01	55.29 4.38 0.00	49.41 3.70 0.00
WADING RIVER_IC_2 23547	51.95 4.29 0.00	47.48 3.52 0.00	46.21 3.42 0.00	45.85 3.36 0.00	46.47 3.36 0.00	50.66 4.18 0.00	74.63 6.66 0.00	92.52 6.29 0.00	83.57 5.90 0.00	72.20 4.72 0.00	68.31 4.64 0.00	67.08 4.91 0.00	66.07 5.62 -0.01	67.74 5.88 -0.01	68.19 6.09 -0.01	70.84 6.15 -0.01	80.67 6.58 -0.99	92.43 7.32 -0.01	87.31 7.06 -0.01	80.18 6.64 -0.60	69.85 5.82 -0.01	63.08 5.58 -0.01	55.29 4.38 0.00	49.41 3.70 0.00
WADING RIVER_IC_3 23601	51.95 4.29 0.00	47.48 3.52 0.00	46.21 3.42 0.00	45.85 3.36 0.00	46.47 3.36 0.00	50.66 4.18 0.00	74.63 6.66 0.00	92.52 6.29 0.00	83.57 5.90 0.00	72.20 4.72 0.00	68.31 4.64 0.00	67.08 4.91 0.00	66.07 5.62 -0.01	67.74 5.88 -0.01	68.19 6.09 -0.01	70.84 6.15 -0.01	80.67 6.58 -0.99	92.43 7.32 -0.01	87.31 7.06 -0.01	80.18 6.64 -0.60	69.85 5.82 -0.01	63.08 5.58 -0.01	55.29 4.38 0.00	49.41 3.70 0.00
WALDENNY_12_KV_BK2 80841	44.13 -3.53 0.00	40.97 -2.99 0.00	39.19 -3.59 0.00	38.88 -3.61 0.00	39.40 -3.71 0.00	42.25 -4.23 0.00	62.32 -5.64 0.00	79.50 -6.73 0.00	70.45 -7.22 0.00	62.15 -5.33 0.00	59.20 -4.46 0.00	56.88 -5.28 0.00	55.36 -5.08 0.00	55.60 -6.25 0.00	55.82 -6.27 0.00	58.61 -6.08 0.00	66.01 -7.09 0.00	77.78 -7.32 0.00	74.14 -6.10 0.00	66.82 -6.13 0.00	58.25 -5.76 0.00	51.46 -6.04 0.00	46.02 -4.89 0.00	41.73 -3.98 0.00
WALDEN__HYDRO 24148	50.18 2.53 0.00	46.20 2.24 0.00	45.05 2.27 0.00	44.70 2.21 0.00	45.27 2.16 0.00	48.80 2.32 0.00	71.57 3.60 0.00	90.46 4.23 0.00	81.48 3.81 0.00	70.45 2.97 0.00	66.46 2.80 0.00	65.02 2.86 0.00	63.16 2.72 0.00	64.69 2.85 0.00	64.83 2.73 0.00	67.66 2.98 0.00	76.53 3.44 0.00	89.10 4.00 0.00	84.01 3.77 0.00	76.30 3.36 0.00	66.96 2.94 0.00	60.31 2.82 0.00	53.35 2.44 0.00	47.81 2.10 0.00
WARRENSBURG____ 23737	49.42 1.76 0.00	45.58 1.63 0.00	44.45 1.67 0.00	44.24 1.74 0.00	44.66 1.55 0.00	48.43 1.95 0.00	70.48 2.51 0.00	89.51 3.28 0.00	80.39 2.72 0.00	69.84 2.36 0.00	65.44 1.78 0.00	63.97 1.80 0.00	61.89 1.45 0.00	63.46 1.61 0.00	63.83 1.74 0.00	66.43 1.75 0.00	75.22 2.12 0.00	87.91 2.81 0.00	82.89 2.65 0.00	75.13 2.19 0.00	66.13 2.11 0.00	59.27 1.78 0.00	52.74 1.83 0.00	48.32 2.61 0.00
WATERSIDE____6 8 9 23538	51.04 3.38 0.00	46.95 2.99 0.00	45.78 2.99 0.00	45.38 2.89 0.00	45.91 2.80 0.00	49.50 3.02 0.00	72.11 4.15 0.00	90.97 4.74 0.00	82.25 4.58 0.00	71.26 3.78 0.00	67.42 3.76 0.00	66.08 3.92 0.00	64.25 3.81 0.00	65.87 4.02 0.00	66.13 4.04 0.00	68.76 4.08 0.00	77.56 4.46 0.00	90.03 4.94 0.00	84.74 4.49 0.00	77.03 4.08 0.00	67.60 3.58 0.00	61.11 3.62 0.00	54.27 3.36 0.00	48.59 2.88 0.00
WATKINRD_115KV_LN8_ILLION 55919	48.99 1.33 0.00	45.23 1.27 0.00	43.98 1.20 0.00	43.68 1.19 0.00	44.36 1.25 0.00	47.82 1.35 0.00	69.87 1.90 0.00	88.73 2.50 0.00	79.77 2.10 0.00	69.37 1.89 0.00	65.51 1.85 0.00	63.97 1.80 0.00	62.13 1.69 0.00	63.52 1.67 0.00	63.77 1.68 0.00	66.43 1.75 0.00	75.07 1.97 0.00	87.40 2.30 0.00	82.41 2.17 0.00	74.84 1.90 0.00	65.61 1.60 0.00	58.87 1.38 0.00	52.13 1.22 0.00	46.76 1.05 0.00

WDELAWARE___HYD 323627	50.04 2.38 0.00	46.07 2.11 0.00	44.88 2.10 0.00	44.58 2.08 0.00	45.18 2.07 0.00	48.66 2.18 0.00	71.50 3.53 0.00	90.54 4.31 0.00	81.32 3.65 0.00	70.25 2.77 0.00	66.21 2.55 0.00	64.72 2.55 0.00	62.92 2.48 0.00	64.39 2.54 0.00	64.64 2.55 0.00	67.53 2.84 0.00	76.60 3.51 0.00	89.18 4.08 0.00	84.17 3.93 0.00	76.38 3.43 0.00	66.96 2.95 0.00	60.25 2.76 0.00	53.20 2.29 0.00	47.77 2.06 0.00
WEST BABYLON___IC 23714	52.37 4.72 0.00	47.96 4.00 0.00	46.59 3.81 0.00	46.19 3.70 0.00	46.86 3.75 0.00	50.98 4.51 0.00	75.17 7.20 0.00	93.56 7.33 0.00	85.21 7.53 0.00	73.55 6.07 0.00	69.58 5.92 0.00	68.26 6.09 0.00	66.61 6.16 -0.01	68.23 6.37 -0.01	68.50 6.40 -0.01	71.36 6.66 -0.01	80.38 7.16 -0.13	93.45 8.34 -0.01	88.20 7.94 -0.01	80.03 7.00 -0.08	70.49 6.47 -0.01	63.54 6.04 -0.01	55.80 4.89 0.00	49.78 4.07 0.00
WEST CANADA___HYD 24049	47.90 0.24 0.00	44.18 0.22 0.00	43.00 0.21 0.00	42.66 0.17 0.00	43.28 0.17 0.00	46.66 0.19 0.00	68.17 0.20 0.00	86.49 0.26 0.00	77.83 0.16 0.00	67.61 0.14 0.00	63.79 0.13 0.00	62.29 0.12 0.00	60.56 0.12 0.00	61.97 0.12 0.00	62.28 0.19 0.00	64.88 0.19 0.00	73.39 0.29 0.00	85.35 0.26 0.00	80.48 0.24 0.00	73.17 0.22 0.00	64.21 0.19 0.00	57.61 0.12 0.00	51.06 0.15 0.00	45.80 0.09 0.00
WESTERN_NY_WIND 24143	44.75 -2.91 0.00	41.58 -2.37 0.00	39.87 -2.91 0.00	39.60 -2.89 0.00	40.18 -2.93 0.00	43.18 -3.30 0.00	63.75 -4.21 0.00	81.49 -4.74 0.00	72.16 -5.51 0.00	63.63 -3.85 0.00	60.35 -3.31 0.00	58.12 -4.04 0.00	56.39 -4.05 0.00	56.84 -5.01 0.00	57.07 -5.03 0.00	59.84 -4.85 0.00	67.61 -5.48 0.00	79.65 -5.45 0.00	75.59 -4.65 0.00	68.50 -4.45 0.00	59.66 -4.35 0.00	52.72 -4.77 0.00	46.89 -4.02 0.00	42.60 -3.11 0.00
WESTOVER___LESR 323668	47.37 -0.29 0.00	43.74 -0.22 0.00	42.44 -0.34 0.00	42.07 -0.42 0.00	42.72 -0.39 0.00	46.01 -0.46 0.00	67.62 -0.34 0.00	85.80 -0.43 0.00	77.05 -0.62 0.00	66.94 -0.54 0.00	63.22 -0.45 0.00	61.54 -0.62 0.00	59.84 -0.60 0.00	61.05 -0.80 0.00	61.23 -0.87 0.00	64.04 -0.65 0.00	72.29 -0.80 0.00	84.42 -0.68 0.00	79.92 -0.32 0.00	72.51 -0.44 0.00	63.50 -0.51 0.00	56.69 -0.80 0.00	50.25 -0.66 0.00	45.21 -0.50 0.00
WETHRSFD_WT_PWR 323626	43.56 -4.10 0.00	39.91 -4.04 0.00	38.68 -4.11 0.00	38.20 -4.29 0.00	38.76 -4.35 0.00	41.64 -4.83 0.00	61.44 -6.52 0.00	78.47 -7.76 0.00	69.98 -7.69 0.00	61.27 -6.21 0.00	58.19 -5.48 0.00	55.89 -6.28 0.00	54.45 -5.98 0.00	54.86 -6.99 0.00	55.33 -6.77 0.00	58.48 -6.21 0.00	65.64 -7.46 0.00	77.36 -7.74 0.00	73.58 -6.66 0.00	66.38 -6.57 0.00	57.81 -6.21 0.00	51.51 -5.98 0.00	45.72 -5.19 0.00	41.28 -4.43 0.00
WHAVSTOR_138KV_BK127 55557	50.18 2.53 0.00	46.20 2.24 0.00	45.05 2.27 0.00	44.70 2.21 0.00	45.27 2.16 0.00	48.80 2.32 0.00	71.77 3.81 0.00	90.63 4.40 0.00	81.79 4.12 0.00	70.72 3.24 0.00	66.84 3.18 0.00	65.40 3.23 0.00	63.58 3.14 0.00	65.19 3.34 0.00	65.39 3.29 0.00	68.18 3.49 0.00	77.04 3.95 0.00	89.61 4.51 0.00	84.42 4.17 0.00	76.74 3.79 0.00	67.22 3.20 0.00	60.54 3.05 0.00	53.56 2.65 0.00	47.95 2.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.18 2.53 0.00	46.20 2.24 0.00	45.05 2.27 0.00	44.70 2.21 0.00	45.27 2.16 0.00	48.80 2.32 0.00	71.77 3.81 0.00	90.63 4.40 0.00	81.79 4.12 0.00	70.72 3.24 0.00	66.84 3.18 0.00	65.40 3.23 0.00	63.58 3.14 0.00	65.19 3.34 0.00	65.39 3.29 0.00	68.18 3.49 0.00	77.04 3.95 0.00	89.61 4.51 0.00	84.42 4.17 0.00	76.74 3.79 0.00	67.22 3.20 0.00	60.54 3.05 0.00	53.56 2.65 0.00	47.95 2.24 0.00
WHITEHAL_115KV_TB1 80871	50.37 2.72 0.00	46.46 2.51 0.00	45.31 2.52 0.00	45.13 2.63 0.00	45.52 2.41 0.00	49.45 2.97 0.00	72.11 4.15 0.00	91.58 5.35 0.00	82.10 4.43 0.00	71.19 3.71 0.00	66.59 2.93 0.00	65.02 2.86 0.00	62.86 2.42 0.00	64.45 2.60 0.00	64.95 2.86 0.00	67.66 2.98 0.00	76.75 3.65 0.00	89.95 4.85 0.00	84.82 4.57 0.00	76.81 3.87 0.00	67.54 3.52 0.00	60.42 2.93 0.00	53.76 2.85 0.00	49.00 3.29 0.00
WHITEPLN_13_KV_LOAD 356215	50.80 3.15 0.00	46.77 2.81 0.00	45.61 2.82 0.00	45.21 2.72 0.00	45.74 2.63 0.00	49.36 2.88 0.00	72.45 4.49 0.00	91.49 5.26 0.00	82.72 5.05 0.00	71.59 4.12 0.00	67.61 3.95 0.00	66.21 4.04 0.00	64.37 3.93 0.00	65.99 4.14 0.00	66.26 4.16 0.00	68.89 4.20 0.00	77.92 4.82 0.00	90.55 5.45 0.00	85.30 5.06 0.00	77.54 4.60 0.00	67.79 3.78 0.00	61.00 3.51 0.00	53.91 3.00 0.00	48.32 2.61 0.00
WM_FLOYD_69_KV_BK2 356380	51.95 4.29 0.00	47.56 3.60 0.00	46.21 3.42 0.00	45.81 3.31 0.00	46.47 3.36 0.00	50.61 4.14 0.00	74.56 6.59 0.00	92.53 6.29 0.00	83.96 6.29 0.00	72.54 5.06 0.00	68.63 4.97 0.00	67.39 5.22 0.00	66.07 5.62 -0.01	67.73 5.88 -0.01	68.00 5.90 0.00	70.84 6.15 0.00	80.58 6.51 -0.97	92.34 7.23 -0.01	87.23 6.98 -0.01	80.10 6.57 -0.59	69.85 5.83 -0.01	63.08 5.58 -0.01	55.29 4.38 0.00	49.37 3.66 0.00
WOODARD___115KV_TB2 355635	46.61 -1.05 0.00	43.03 -0.92 0.00	41.80 -0.98 0.00	41.47 -1.02 0.00	42.12 -0.99 0.00	45.36 -1.12 0.00	66.40 -1.56 0.00	84.42 -1.81 0.00	75.96 -1.71 0.00	66.06 -1.42 0.00	62.39 -1.27 0.00	60.86 -1.31 0.00	59.17 -1.27 0.00	60.43 -1.42 0.00	60.60 -1.49 0.00	63.26 -1.42 0.00	71.41 -1.68 0.00	83.31 -1.79 0.00	78.64 -1.60 0.00	71.41 -1.53 0.00	62.54 -1.47 0.00	55.94 -1.55 0.00	49.64 -1.27 0.00	44.61 -1.10 0.00
WOODMERE_69_KV_BK1 55827	52.09 4.43 0.00	47.74 3.78 0.00	46.42 3.64 0.00	46.02 3.53 0.00	46.65 3.54 0.00	50.66 4.18 0.00	74.42 6.46 0.00	92.96 6.73 0.00	84.51 6.84 0.00	73.01 5.53 0.00	69.14 5.47 0.00	67.82 5.66 0.00	66.07 5.62 -0.01	67.62 5.75 -0.01	67.82 5.71 0.00	70.65 5.95 0.00	79.69 6.58 0.00	92.69 7.57 0.00	87.48 7.22 0.00	79.45 6.49 0.00	69.73 5.70 0.00	62.80 5.29 0.00	55.39 4.48 0.00	49.50 3.79 0.00
YORK___WARBASSE 23770	51.43 3.76 -0.01	47.26 3.30 -0.01	46.09 3.29 -0.01	45.73 3.23 -0.01	46.27 3.15 -0.01	49.82 3.35 0.00	72.18 4.21 0.00	90.97 4.74 0.00	82.18 4.50 0.00	71.12 3.64 0.00	67.35 3.69 0.00	66.02 3.85 0.00	64.19 3.75 0.00	65.81 3.96 0.00	66.07 3.97 0.00	68.76 4.08 0.00	77.48 4.39 0.00	90.03 4.94 0.00	84.82 4.57 0.00	77.10 4.16 0.00	67.60 3.58 0.00	61.23 3.74 0.00	54.63 3.72 -0.01	48.92 3.20 -0.01