

ALBANY___2 23572	45.45 -0.32 0.00	44.34 -0.31 0.00	41.09 -0.33 0.00	39.19 -0.36 0.00	39.90 -0.36 0.00	41.78 -0.17 0.00	55.53 -0.56 0.00	69.93 -0.71 0.00	61.39 -0.87 0.00	43.70 -0.85 0.00	39.54 -0.60 0.00	38.35 -0.58 0.00	37.52 -0.57 0.00	38.21 -0.50 0.00	38.73 -0.47 0.00	41.79 -0.42 0.00	48.30 -0.39 0.00	62.72 -0.44 0.00	73.68 -0.37 0.00	69.59 -0.49 0.00	58.19 -0.41 0.00	51.06 -0.57 0.00	46.47 -0.56 0.00	43.81 -0.40 0.00
ALBANY___3 23573	45.45 -0.32 0.00	44.34 -0.31 0.00	41.09 -0.33 0.00	39.19 -0.36 0.00	39.90 -0.36 0.00	41.78 -0.17 0.00	55.53 -0.56 0.00	69.93 -0.71 0.00	61.39 -0.87 0.00	43.70 -0.85 0.00	39.54 -0.60 0.00	38.35 -0.58 0.00	37.52 -0.57 0.00	38.21 -0.50 0.00	38.73 -0.47 0.00	41.79 -0.42 0.00	48.30 -0.39 0.00	62.72 -0.44 0.00	73.68 -0.37 0.00	69.59 -0.49 0.00	58.19 -0.41 0.00	51.06 -0.57 0.00	46.47 -0.56 0.00	43.81 -0.40 0.00
ALBANY___4 23574	45.45 -0.32 0.00	44.34 -0.31 0.00	41.09 -0.33 0.00	39.19 -0.36 0.00	39.90 -0.36 0.00	41.78 -0.17 0.00	55.53 -0.56 0.00	69.93 -0.71 0.00	61.39 -0.87 0.00	43.70 -0.85 0.00	39.54 -0.60 0.00	38.35 -0.58 0.00	37.52 -0.57 0.00	38.21 -0.50 0.00	38.73 -0.47 0.00	41.79 -0.42 0.00	48.30 -0.39 0.00	62.72 -0.44 0.00	73.68 -0.37 0.00	69.59 -0.49 0.00	58.19 -0.41 0.00	51.06 -0.57 0.00	46.47 -0.56 0.00	43.81 -0.40 0.00
ALBANY___LFGE 323615	45.95 0.18 0.00	44.83 0.18 0.00	41.50 0.08 0.00	39.63 0.08 0.00	40.30 0.04 0.00	42.20 0.25 0.00	56.15 0.06 0.00	70.70 0.07 0.00	62.08 -0.19 0.00	44.15 -0.40 0.00	39.86 -0.28 0.00	38.66 -0.27 0.00	37.83 -0.26 0.00	38.49 -0.23 0.00	39.01 -0.20 0.00	42.17 -0.04 0.00	48.73 0.05 0.00	63.42 0.25 0.00	74.49 0.45 0.00	70.29 0.21 0.00	58.83 0.24 0.00	51.78 0.16 0.00	46.99 -0.05 0.00	44.29 0.09 0.00
ALCOA_PA_115KV_PL-6C 55860	46.59 0.82 0.00	45.50 0.85 0.00	42.12 0.70 0.00	40.30 0.75 0.00	40.94 0.68 0.00	42.62 0.67 0.00	57.27 1.18 0.00	71.97 1.34 0.00	63.45 1.18 0.00	45.39 0.85 0.00	40.86 0.72 0.00	39.75 0.82 0.00	38.85 0.76 0.00	39.34 0.62 0.00	39.91 0.71 0.00	43.01 0.80 0.00	49.51 0.83 0.00	64.55 1.39 0.00	75.45 1.41 0.00	71.62 1.54 0.00	59.94 1.35 0.00	52.76 1.14 0.00	48.21 1.18 0.00	45.18 0.97 0.00
ALCOA_RYNLDS___DRP 24188	46.59 0.82 0.00	45.50 0.85 0.00	42.12 0.70 0.00	40.30 0.75 0.00	40.94 0.68 0.00	42.62 0.67 0.00	57.27 1.18 0.00	71.97 1.34 0.00	63.45 1.18 0.00	45.39 0.85 0.00	40.86 0.72 0.00	39.75 0.82 0.00	38.85 0.76 0.00	39.34 0.62 0.00	39.91 0.71 0.00	43.01 0.80 0.00	49.51 0.83 0.00	64.55 1.39 0.00	75.45 1.41 0.00	71.62 1.54 0.00	59.94 1.35 0.00	52.76 1.14 0.00	48.21 1.18 0.00	45.18 0.97 0.00
ALCOA___DSASP 323711	46.59 0.82 0.00	45.50 0.85 0.00	42.12 0.70 0.00	40.30 0.75 0.00	40.94 0.68 0.00	42.62 0.67 0.00	57.27 1.18 0.00	71.83 1.20 0.00	63.44 1.18 0.00	45.39 0.84 0.00	40.86 0.72 0.00	39.75 0.82 0.00	38.85 0.76 0.00	39.33 0.62 0.00	39.91 0.71 0.00	43.01 0.80 0.00	49.51 0.83 0.00	64.55 1.39 0.00	75.45 1.40 0.00	71.76 1.68 0.00	59.94 1.35 0.00	52.76 1.13 0.00	48.21 1.18 0.00	45.18 0.97 0.00
ALLEGHENY___COGEN 23514	47.97 2.20 0.00	46.30 1.65 0.00	43.24 1.82 0.00	41.41 1.86 0.00	42.23 1.97 0.00	43.71 1.76 0.00	58.73 2.64 0.00	74.58 3.95 0.00	65.50 3.24 0.00	46.82 2.27 0.00	41.50 1.37 0.00	40.02 1.09 0.00	39.46 1.37 0.00	40.03 1.32 0.00	40.46 1.25 0.00	43.31 1.10 0.00	49.95 1.26 0.00	65.24 2.08 0.00	77.16 3.11 0.00	73.31 3.23 0.00	60.53 1.93 0.00	53.12 1.50 0.00	49.16 2.12 0.00	45.62 1.41 0.00
ALTAMONT_115KV_TB 2 55880	46.18 0.41 0.00	45.10 0.45 0.00	41.79 0.37 0.00	39.86 0.32 0.00	40.62 0.36 0.00	42.41 0.46 0.00	56.43 0.34 0.00	71.06 0.42 0.00	62.45 0.19 0.00	44.55 0.00 0.00	40.22 0.08 0.00	39.01 0.08 0.00	38.20 0.11 0.00	38.87 0.15 0.00	39.40 0.20 0.00	42.47 0.25 0.00	49.07 0.39 0.00	63.61 0.44 0.00	74.64 0.59 0.00	70.50 0.42 0.00	59.01 0.41 0.00	51.88 0.26 0.00	47.23 0.19 0.00	44.51 0.31 0.00
ALTONA_WT_PWR 323606	46.23 0.46 0.00	45.10 0.45 0.00	41.79 0.37 0.00	39.94 0.40 0.00	40.62 0.36 0.00	42.28 0.33 0.00	56.54 0.45 0.00	70.92 0.28 0.00	62.70 0.44 0.00	45.13 0.58 0.00	40.66 0.52 0.00	39.55 0.62 0.00	38.58 0.49 0.00	39.07 0.35 0.00	39.64 0.43 0.00	42.72 0.51 0.00	48.98 0.29 0.00	63.92 0.76 0.00	74.71 0.66 0.00	71.13 1.05 0.00	59.42 0.82 0.00	52.25 0.62 0.00	47.98 0.94 0.00	44.96 0.75 0.00
AMERICAN_REF_FUEL 24010	45.54 -0.23 0.00	43.80 -0.85 0.00	41.13 -0.29 0.00	39.55 0.00 0.00	40.26 0.00 0.00	41.49 -0.46 0.00	54.97 -1.12 0.00	69.86 -0.78 0.00	62.08 -0.19 0.00	45.57 1.03 0.00	40.62 0.48 0.00	39.47 0.54 0.00	38.89 0.80 0.00	39.42 0.70 0.00	39.79 0.59 0.00	41.92 -0.29 0.00	47.13 -1.56 0.00	60.26 -2.90 0.00	70.57 -3.48 0.00	67.14 -2.94 0.00	56.02 -2.58 0.00	49.20 -2.43 0.00	45.91 -1.13 0.00	43.23 -0.97 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	46.68 0.92 0.00	45.05 0.40 0.00	42.29 0.87 0.00	40.61 1.07 0.00	41.39 1.13 0.00	42.83 0.88 0.00	56.99 0.89 0.00	72.32 1.69 0.00	64.01 1.74 0.00	46.82 2.27 0.00	41.75 1.61 0.00	40.45 1.52 0.00	39.76 1.67 0.00	40.61 1.90 0.00	40.93 1.72 0.00	43.22 1.01 0.00	48.73 0.05 0.00	62.72 -0.44 0.00	73.45 -0.59 0.00	69.59 -0.49 0.00	58.07 -0.53 0.00	51.01 -0.62 0.00	47.37 0.33 0.00	44.56 0.35 0.00
ARTHUR KILL_GT_1 23520	48.84 3.07 -0.01	47.61 2.95 -0.01	44.16 2.73 -0.01	42.05 2.49 -0.01	42.76 2.50 -0.01	44.81 2.85 -0.01	58.96 2.86 -0.01	74.31 3.67 -0.01	65.19 2.93 0.00	47.18 2.63 0.00	42.80 2.65 -0.01	41.55 2.61 -0.01	40.69 2.59 -0.01	41.44 2.71 -0.01	41.96 2.74 -0.01	44.96 2.74 -0.01	51.81 3.12 -0.01	66.95 3.79 0.00	78.57 4.52 -0.01	74.15 4.06 -0.01	61.99 3.40 0.00	54.83 3.20 -0.01	49.82 2.78 -0.01	47.00 2.78 -0.01
ARTHUR_KILL_2 23512	48.71 2.93 -0.01	47.56 2.90 -0.01	44.08 2.65 -0.01	41.97 2.41 -0.01	42.68 2.42 -0.01	44.68 2.72 -0.01	58.79 2.69 -0.01	74.17 3.53 -0.01	65.00 2.74 0.00	47.09 2.54 0.00	42.72 2.57 -0.01	41.47 2.53 -0.01	40.57 2.47 -0.01	41.32 2.59 -0.01	41.84 2.63 -0.01	44.88 2.66 -0.01	51.66 2.97 -0.01	66.76 3.60 0.00	78.35 4.29 -0.01	73.94 3.85 -0.01	61.76 3.16 0.00	54.78 3.15 -0.01	49.68 2.63 -0.01	46.87 2.65 -0.01
ARTHUR_KILL_3 23513	47.92 2.15 0.00	46.75 2.10 0.00	43.29 1.87 0.00	41.17 1.62 0.00	41.87 1.61 0.00	43.84 1.89 0.00	57.72 1.63 0.00	72.89 2.26 0.00	64.01 1.74 0.00	46.33 1.78 0.00	42.10 1.97 0.00	40.95 2.02 0.00	40.11 2.02 0.00	40.81 2.09 0.00	41.32 2.12 0.00	44.24 2.03 0.00	51.02 2.34 0.00	65.56 2.40 0.00	77.01 2.96 0.00	72.60 2.52 0.00	60.65 2.05 0.00	53.84 2.22 0.00	48.78 1.74 0.00	45.98 1.77 0.00

ARTHUR_KILL_COGEN 323718	48.84 3.07 -0.01	47.65 2.99 -0.01	44.16 2.73 -0.01	42.05 2.49 -0.01	42.76 2.50 -0.01	44.81 2.85 -0.01	58.96 2.86 -0.01	74.31 3.67 -0.01	65.19 2.93 0.00	47.18 2.63 0.00	42.79 2.65 -0.01	41.59 2.65 -0.01	40.69 2.59 -0.01	41.43 2.71 -0.01	41.95 2.74 -0.01	44.96 2.74 -0.01	51.81 3.12 -0.01	66.95 3.79 0.00	78.57 4.52 -0.01	74.15 4.06 -0.01	61.99 3.40 0.00	54.94 3.31 -0.01	49.82 2.77 -0.01	47.00 2.79 -0.01
ASHOKAN____ 23654	47.55 1.78 0.00	46.44 1.79 0.00	43.16 1.74 0.00	41.01 1.46 0.00	42.11 1.85 0.00	44.00 2.05 0.00	57.94 1.85 0.00	72.82 2.19 0.00	63.26 0.99 0.00	44.73 0.18 0.00	40.30 0.16 0.00	39.01 0.08 0.00	38.20 0.11 0.00	39.03 0.31 0.00	39.59 0.39 0.00	42.72 0.51 0.00	49.37 0.68 0.00	64.74 1.58 0.00	76.56 2.52 0.00	72.39 2.31 0.00	60.23 1.64 0.00	53.23 1.60 0.00	48.35 1.32 0.00	45.58 1.37 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.07 2.29 -0.01	46.89 2.23 -0.01	43.42 1.99 -0.01	41.34 1.78 -0.01	42.00 1.73 -0.01	43.89 1.93 -0.01	57.83 1.74 0.00	72.88 2.26 0.01	64.06 1.81 0.01	46.45 1.91 0.01	42.22 2.09 0.01	41.06 2.14 0.01	40.21 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.40 2.19 0.01	51.16 2.48 0.01	65.68 2.53 0.01	77.07 3.04 0.01	72.67 2.59 0.01	60.76 2.17 0.01	53.88 2.27 0.01	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	48.02 2.24 -0.01	46.89 2.23 -0.01	43.42 1.99 -0.01	41.29 1.74 -0.01	42.00 1.73 -0.01	43.89 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.01	64.06 1.81 0.01	46.41 1.87 0.01	42.22 2.09 0.01	41.06 2.14 0.01	40.18 2.09 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.11 2.43 0.01	65.62 2.46 0.01	77.00 2.96 0.01	72.67 2.59 0.01	60.69 2.11 0.01	53.88 2.27 0.01	48.83 1.79 -0.01	46.03 1.81 -0.01
ASTORIA_GT2_1 24094	48.07 2.29 -0.01	46.85 2.19 -0.01	43.42 1.99 -0.01	41.33 1.78 -0.01	42.00 1.73 -0.01	43.88 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.46 1.92 0.00	42.22 2.09 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.69 2.53 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.76 2.17 0.00	53.79 2.17 0.00	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA_GT2_2 24095	48.07 2.29 -0.01	46.85 2.19 -0.01	43.42 1.99 -0.01	41.33 1.78 -0.01	42.00 1.73 -0.01	43.88 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.46 1.92 0.00	42.22 2.09 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.69 2.53 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.76 2.17 0.00	53.79 2.17 0.00	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA_GT2_3 24096	48.07 2.29 -0.01	46.85 2.19 -0.01	43.42 1.99 -0.01	41.33 1.78 -0.01	42.00 1.73 -0.01	43.88 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.46 1.92 0.00	42.22 2.09 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.69 2.53 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.76 2.17 0.00	53.79 2.17 0.00	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA_GT2_4 24097	48.07 2.29 -0.01	46.85 2.19 -0.01	43.42 1.99 -0.01	41.33 1.78 -0.01	42.00 1.73 -0.01	43.88 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.46 1.92 0.00	42.22 2.09 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.69 2.53 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.76 2.17 0.00	53.79 2.17 0.00	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA_GT3_1 24098	48.07 2.29 -0.01	46.85 2.19 -0.01	43.42 1.99 -0.01	41.33 1.78 -0.01	42.00 1.73 -0.01	43.88 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.46 1.92 0.00	42.22 2.09 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.69 2.53 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.76 2.17 0.00	53.79 2.17 0.00	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA_GT3_2 24099	48.07 2.29 -0.01	46.85 2.19 -0.01	43.42 1.99 -0.01	41.33 1.78 -0.01	42.00 1.73 -0.01	43.88 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.46 1.92 0.00	42.22 2.09 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.69 2.53 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.76 2.17 0.00	53.79 2.17 0.00	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA_GT3_3 24100	48.07 2.29 -0.01	46.85 2.19 -0.01	43.42 1.99 -0.01	41.33 1.78 -0.01	42.00 1.73 -0.01	43.88 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.46 1.92 0.00	42.22 2.09 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.69 2.53 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.76 2.17 0.00	53.79 2.17 0.00	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA_GT3_4 24101	48.07 2.29 -0.01	46.85 2.19 -0.01	43.42 1.99 -0.01	41.33 1.78 -0.01	42.00 1.73 -0.01	43.88 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.46 1.92 0.00	42.22 2.09 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.69 2.53 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.76 2.17 0.00	53.79 2.17 0.00	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA_GT4_1 24102	48.07 2.29 -0.01	46.85 2.19 -0.01	43.42 1.99 -0.01	41.33 1.78 -0.01	42.00 1.73 -0.01	43.88 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.46 1.92 0.00	42.22 2.09 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.69 2.53 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.76 2.17 0.00	53.79 2.17 0.00	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA_GT4_2 24103	48.07 2.29 -0.01	46.85 2.19 -0.01	43.42 1.99 -0.01	41.33 1.78 -0.01	42.00 1.73 -0.01	43.88 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.46 1.92 0.00	42.22 2.09 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.69 2.53 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.76 2.17 0.00	53.79 2.17 0.00	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA_GT4_3 24104	48.07 2.29 -0.01	46.85 2.19 -0.01	43.42 1.99 -0.01	41.33 1.78 -0.01	42.00 1.73 -0.01	43.88 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.46 1.92 0.00	42.22 2.09 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.69 2.53 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.76 2.17 0.00	53.79 2.17 0.00	48.83 1.79 -0.01	46.07 1.86 -0.01

ASTORIA_GT4_4 24105	48.07 2.29 -0.01	46.85 2.19 -0.01	43.42 1.99 -0.01	41.33 1.78 -0.01	42.00 1.73 -0.01	43.88 1.93 -0.01	57.83 1.74 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.46 1.92 0.00	42.22 2.09 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.69 2.53 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.76 2.17 0.00	53.79 2.17 0.00	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA_GT_1 23523	48.16 2.38 -0.01	46.89 2.23 -0.01	43.50 2.07 -0.01	41.37 1.82 -0.01	42.08 1.81 -0.01	43.97 2.01 -0.01	57.94 1.85 0.00	72.96 2.33 0.00	64.19 1.93 0.00	46.55 2.00 0.00	42.30 2.17 0.01	41.10 2.18 0.01	40.29 2.21 0.01	40.99 2.28 0.01	41.51 2.31 0.01	44.44 2.24 0.01	51.26 2.58 0.01	65.82 2.65 0.00	77.23 3.18 0.00	72.81 2.73 0.00	60.88 2.29 0.00	53.89 2.27 0.00	48.93 1.88 -0.01	46.11 1.90 -0.01
ASTORIA_GT_10 24110	48.34 2.56 -0.01	47.11 2.46 -0.01	43.71 2.28 -0.01	41.57 2.02 -0.01	42.28 2.01 -0.01	44.22 2.27 -0.01	58.11 2.02 0.00	73.32 2.68 0.00	64.44 2.18 0.00	46.73 2.18 0.00	42.43 2.29 -0.01	41.23 2.30 -0.01	40.42 2.32 -0.01	41.13 2.40 -0.01	41.64 2.43 -0.01	44.58 2.36 -0.01	51.42 2.73 -0.01	66.01 2.84 0.00	77.45 3.41 0.00	73.09 3.01 0.00	61.06 2.46 0.00	54.10 2.48 0.00	49.16 2.12 -0.01	46.38 2.17 -0.01
ASTORIA_GT_11 24225	48.34 2.56 -0.01	47.11 2.46 -0.01	43.71 2.28 -0.01	41.57 2.02 -0.01	42.28 2.01 -0.01	44.22 2.27 -0.01	58.11 2.02 0.00	73.32 2.68 0.00	64.44 2.18 0.00	46.73 2.18 0.00	42.43 2.29 -0.01	41.23 2.30 -0.01	40.42 2.32 -0.01	41.13 2.40 -0.01	41.64 2.43 -0.01	44.58 2.36 -0.01	51.42 2.73 -0.01	66.01 2.84 0.00	77.45 3.41 0.00	73.09 3.01 0.00	61.06 2.46 0.00	54.10 2.48 0.00	49.16 2.12 -0.01	46.38 2.17 -0.01
ASTORIA_GT_12 24226	48.34 2.56 -0.01	47.11 2.46 -0.01	43.71 2.28 -0.01	41.57 2.02 -0.01	42.28 2.01 -0.01	44.22 2.27 -0.01	58.11 2.02 0.00	73.32 2.68 0.00	64.44 2.18 0.00	46.73 2.18 0.00	42.43 2.29 -0.01	41.23 2.30 -0.01	40.42 2.32 -0.01	41.13 2.40 -0.01	41.64 2.43 -0.01	44.58 2.36 -0.01	51.42 2.73 -0.01	66.01 2.84 0.00	77.45 3.41 0.00	73.09 3.01 0.00	61.06 2.46 0.00	54.10 2.48 0.00	49.16 2.12 -0.01	46.38 2.17 -0.01
ASTORIA_GT_13 24227	48.34 2.56 -0.01	47.11 2.46 -0.01	43.71 2.28 -0.01	41.57 2.02 -0.01	42.28 2.01 -0.01	44.22 2.27 -0.01	58.11 2.02 0.00	73.32 2.68 0.00	64.44 2.18 0.00	46.73 2.18 0.00	42.43 2.29 -0.01	41.23 2.30 -0.01	40.42 2.32 -0.01	41.13 2.40 -0.01	41.64 2.43 -0.01	44.58 2.36 -0.01	51.42 2.73 -0.01	66.01 2.84 0.00	77.45 3.41 0.00	73.09 3.01 0.00	61.06 2.46 0.00	54.10 2.48 0.00	49.16 2.12 -0.01	46.38 2.17 -0.01
ASTORIA_GT_5 24106	48.16 2.38 -0.01	46.89 2.23 -0.01	43.50 2.07 -0.01	41.37 1.82 -0.01	42.08 1.81 -0.01	43.97 2.01 -0.01	57.94 1.85 0.00	72.96 2.33 0.00	64.19 1.93 0.00	46.55 2.00 0.00	42.30 2.17 0.01	41.10 2.18 0.01	40.29 2.21 0.01	40.99 2.28 0.01	41.51 2.31 0.01	44.44 2.24 0.01	51.26 2.58 0.01	65.82 2.65 0.00	77.23 3.18 0.00	72.81 2.73 0.00	60.88 2.29 0.00	53.89 2.27 0.00	48.93 1.88 -0.01	46.11 1.90 -0.01
ASTORIA_GT_7 24107	48.16 2.38 -0.01	46.89 2.23 -0.01	43.50 2.07 -0.01	41.37 1.82 -0.01	42.08 1.81 -0.01	43.97 2.01 -0.01	57.94 1.85 0.00	72.96 2.33 0.00	64.19 1.93 0.00	46.55 2.00 0.00	42.30 2.17 0.01	41.10 2.18 0.01	40.29 2.21 0.01	40.99 2.28 0.01	41.51 2.31 0.01	44.44 2.24 0.01	51.26 2.58 0.01	65.82 2.65 0.00	77.23 3.18 0.00	72.81 2.73 0.00	60.88 2.29 0.00	53.89 2.27 0.00	48.93 1.88 -0.01	46.11 1.90 -0.01
ASTORIA_GT_8 24108	48.16 2.38 -0.01	46.89 2.23 -0.01	43.50 2.07 -0.01	41.37 1.82 -0.01	42.08 1.81 -0.01	43.97 2.01 -0.01	57.94 1.85 0.00	72.96 2.33 0.00	64.19 1.93 0.00	46.55 2.00 0.00	42.30 2.17 0.01	41.10 2.18 0.01	40.29 2.21 0.01	40.99 2.28 0.01	41.51 2.31 0.01	44.44 2.24 0.01	51.26 2.58 0.01	65.82 2.65 0.00	77.23 3.18 0.00	72.81 2.73 0.00	60.88 2.29 0.00	53.89 2.27 0.00	48.93 1.88 -0.01	46.11 1.90 -0.01
ASTORIA___2 24149	48.07 2.29 -0.01	46.89 2.23 -0.01	43.42 1.99 -0.01	41.34 1.78 -0.01	42.00 1.73 -0.01	43.89 1.93 -0.01	57.83 1.74 0.00	72.88 2.26 0.01	64.06 1.81 0.01	46.45 1.91 0.01	42.22 2.09 0.01	41.06 2.14 0.01	40.21 2.13 0.01	40.92 2.21 0.01	41.43 2.23 0.01	44.40 2.19 0.01	51.16 2.48 0.01	65.68 2.53 0.01	77.07 3.04 0.01	72.67 2.59 0.01	60.76 2.17 0.01	53.88 2.27 0.01	48.83 1.79 -0.01	46.07 1.86 -0.01
ASTORIA___3 23516	48.34 2.56 -0.01	47.16 2.50 -0.01	43.71 2.28 -0.01	41.57 2.02 -0.01	42.28 2.01 -0.01	44.22 2.26 -0.01	58.17 2.08 0.00	73.31 2.68 0.00	64.44 2.18 0.00	46.73 2.18 0.00	42.43 2.29 -0.01	41.27 2.34 -0.01	40.42 2.32 -0.01	41.13 2.40 -0.01	41.64 2.43 -0.01	44.58 2.36 -0.01	51.42 2.72 -0.01	66.01 2.84 0.00	77.45 3.41 0.00	73.02 2.94 0.00	61.06 2.46 0.00	54.20 2.58 0.00	49.16 2.12 -0.01	46.38 2.17 -0.01
ASTORIA___4 23517	48.34 2.56 -0.01	47.11 2.46 -0.01	43.71 2.28 -0.01	41.57 2.02 -0.01	42.28 2.01 -0.01	44.22 2.27 -0.01	58.11 2.02 0.00	73.32 2.68 0.00	64.44 2.18 0.00	46.73 2.18 0.00	42.43 2.29 -0.01	41.23 2.30 -0.01	40.42 2.32 -0.01	41.13 2.40 -0.01	41.64 2.43 -0.01	44.58 2.36 -0.01	51.42 2.73 -0.01	66.01 2.84 0.00	77.45 3.41 0.00	73.09 3.01 0.00	61.06 2.46 0.00	54.10 2.48 0.00	49.16 2.12 -0.01	46.38 2.17 -0.01
ASTORIA___5 23518	48.34 2.56 -0.01	47.16 2.50 -0.01	43.66 2.24 -0.01	41.57 2.02 -0.01	42.28 2.01 -0.01	44.22 2.26 -0.01	58.17 2.08 0.00	73.31 2.68 0.00	64.44 2.18 0.00	46.73 2.18 0.00	42.43 2.29 -0.01	41.27 2.34 -0.01	40.42 2.32 -0.01	41.13 2.40 -0.01	41.64 2.43 -0.01	44.58 2.36 -0.01	51.42 2.72 -0.01	66.01 2.84 0.00	77.45 3.41 0.00	73.02 2.94 0.00	61.06 2.46 0.00	54.20 2.58 0.00	49.16 2.12 -0.01	46.38 2.17 -0.01
AST_ENERGY_2_CC3 323677	39.28 1.78 8.27	34.66 1.79 11.78	34.66 1.57 8.33	34.66 1.35 6.23	34.66 1.33 6.93	37.39 1.51 6.06	49.08 1.18 8.19	64.18 1.49 7.93	50.67 1.18 12.78	37.39 1.43 8.58	36.31 1.65 5.47	36.06 1.75 4.62	36.06 1.72 3.75	36.06 1.82 4.48	36.06 1.84 4.99	36.80 1.73 7.14	39.71 2.00 10.98	46.78 1.89 18.28	52.46 2.30 23.88	48.03 1.89 23.94	36.65 1.58 23.53	40.38 1.76 13.00	38.54 1.32 9.81	39.20 1.37 6.37
AST_ENERGY_2_CC4 323678	39.28 1.78 8.27	34.66 1.79 11.78	34.66 1.57 8.33	34.66 1.35 6.23	34.66 1.33 6.93	37.39 1.51 6.06	49.08 1.18 8.19	64.18 1.49 7.93	50.67 1.18 12.78	37.39 1.43 8.58	36.31 1.65 5.47	36.06 1.75 4.62	36.06 1.72 3.75	36.06 1.82 4.48	36.06 1.84 4.99	36.80 1.73 7.14	39.71 2.00 10.98	46.78 1.89 18.28	52.46 2.30 23.88	48.03 1.89 23.94	36.65 1.58 23.53	40.38 1.76 13.00	38.54 1.32 9.81	39.20 1.37 6.37

ATHENS_STG_1 23668	46.87 1.10 0.00	45.81 1.16 0.00	42.46 1.04 0.00	40.46 0.91 0.00	41.19 0.93 0.00	42.95 1.01 0.00	56.99 0.89 0.00	71.83 1.20 0.00	63.14 0.87 0.00	45.26 0.71 0.00	40.94 0.80 0.00	39.75 0.82 0.00	38.89 0.80 0.00	39.61 0.89 0.00	40.11 0.90 0.00	43.14 0.93 0.00	49.76 1.07 0.00	64.36 1.20 0.00	75.53 1.48 0.00	71.27 1.19 0.00	59.65 1.06 0.00	52.71 1.09 0.00	47.84 0.80 0.00	45.14 0.93 0.00
ATHENS_STG_2 23670	46.87 1.10 0.00	45.81 1.16 0.00	42.46 1.04 0.00	40.46 0.91 0.00	41.19 0.93 0.00	42.95 1.01 0.00	56.99 0.89 0.00	71.83 1.20 0.00	63.14 0.87 0.00	45.26 0.71 0.00	40.94 0.80 0.00	39.75 0.82 0.00	38.89 0.80 0.00	39.61 0.89 0.00	40.11 0.90 0.00	43.14 0.93 0.00	49.76 1.07 0.00	64.36 1.20 0.00	75.53 1.48 0.00	71.27 1.19 0.00	59.65 1.06 0.00	52.71 1.09 0.00	47.84 0.80 0.00	45.14 0.93 0.00
ATHENS_STG_3 23677	46.87 1.10 0.00	45.81 1.16 0.00	42.46 1.04 0.00	40.46 0.91 0.00	41.19 0.93 0.00	42.95 1.01 0.00	56.99 0.89 0.00	71.83 1.20 0.00	63.14 0.87 0.00	45.26 0.71 0.00	40.94 0.80 0.00	39.75 0.82 0.00	38.89 0.80 0.00	39.61 0.89 0.00	40.11 0.90 0.00	43.14 0.93 0.00	49.76 1.07 0.00	64.36 1.20 0.00	75.53 1.48 0.00	71.27 1.19 0.00	59.65 1.06 0.00	52.71 1.09 0.00	47.84 0.80 0.00	45.14 0.93 0.00
AUBURN____LFGE 323710	46.12 0.14 -0.21	44.76 0.00 -0.11	41.46 0.04 0.00	39.63 0.08 0.00	40.34 0.08 0.00	42.03 0.08 0.00	56.32 0.22 0.00	70.98 0.35 0.00	62.82 0.56 0.00	44.99 0.45 0.00	40.46 0.32 0.00	39.16 0.23 0.00	38.32 0.23 0.00	38.99 0.27 0.00	39.36 0.16 0.00	42.38 0.17 0.00	48.93 0.24 0.00	63.48 0.32 0.00	74.93 0.52 -0.37	70.50 0.42 0.00	58.77 0.18 0.00	51.78 0.15 0.00	47.18 0.14 0.00	44.16 -0.04 0.00
BABYLON_RES_REC 323704	47.74 1.97 0.00	46.35 1.70 0.00	42.91 1.49 0.00	40.69 1.15 0.00	41.38 1.13 0.00	43.12 1.17 0.00	49.57 0.34 6.87	52.70 0.50 18.43	50.61 0.25 11.90	44.97 0.84 0.42	41.94 1.81 0.00	40.54 1.67 0.06	39.73 1.64 0.00	40.58 1.86 0.00	41.12 1.92 0.00	44.24 2.03 0.00	49.50 0.83 0.01	63.47 0.32 0.01	74.70 0.66 0.01	70.42 0.35 0.01	59.05 0.47 0.01	52.43 0.82 0.01	46.98 0.61 0.67	45.13 0.93 0.01
BALL_HILL_WT_PWR 323825	46.18 0.41 0.00	44.52 -0.13 0.00	41.75 0.33 0.00	40.10 0.55 0.00	40.82 0.56 0.00	42.24 0.30 0.00	56.21 0.11 0.00	71.27 0.63 0.00	63.20 0.94 0.00	46.24 1.69 0.00	41.26 1.12 0.00	40.02 1.09 0.00	39.39 1.30 0.00	40.03 1.32 0.00	40.34 1.14 0.00	42.59 0.38 0.00	48.10 -0.58 0.00	61.71 -1.45 0.00	72.35 -1.70 0.00	68.75 -1.33 0.00	57.31 -1.29 0.00	50.33 -1.29 0.00	46.76 -0.28 0.00	43.94 -0.26 0.00
BARON_WINDS____WT_PWR 323822	46.23 0.46 0.00	44.74 0.09 0.00	41.79 0.37 0.00	40.06 0.51 0.00	40.78 0.52 0.00	42.41 0.46 0.00	56.60 0.50 0.00	71.55 0.92 0.00	63.07 0.81 0.00	45.57 1.03 0.00	40.74 0.60 0.00	39.43 0.50 0.00	38.85 0.76 0.00	39.53 0.81 0.00	39.91 0.71 0.00	42.59 0.38 0.00	48.59 -0.10 0.00	62.72 -0.44 0.00	73.68 -0.37 0.00	69.73 -0.35 0.00	58.07 -0.53 0.00	50.95 -0.67 0.00	47.04 0.00 0.00	44.16 -0.04 0.00
BARRETT_IC_1 23704	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00
BARRETT_IC_10 23701	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00
BARRETT_IC_11 23702	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00
BARRETT_IC_12 23703	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00
BARRETT_IC_2 23705	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00
BARRETT_IC_3 23706	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00
BARRETT_IC_4 23707	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00
BARRETT_IC_5 23708	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00

BARRETT_IC_6 23709	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00
BARRETT_IC_7 23710	47.69 1.83 -0.08	46.12 1.38 -0.08	42.93 1.45 -0.06	40.73 1.19 0.00	41.43 1.17 0.00	43.16 1.22 0.00	55.88 0.22 0.44	69.87 0.42 1.19	61.75 0.25 0.76	45.53 0.98 0.00	41.99 1.77 -0.08	40.65 1.64 -0.08	39.85 1.68 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.24 1.94 -0.08	49.89 1.22 0.01	64.23 1.07 0.01	75.67 1.63 0.01	71.40 1.33 0.01	59.53 0.94 0.01	52.85 1.24 0.01	47.69 0.71 0.05	45.27 1.06 0.00
BARRETT_IC_8 23711	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00
BARRETT_IC_9 23700	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00
BARRETT___1 23545	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00
BARRETT___2 23546	47.69 1.83 -0.08	46.39 1.65 -0.08	42.93 1.45 -0.06	40.74 1.19 -0.01	41.43 1.17 -0.01	43.17 1.22 -0.01	55.88 0.23 0.44	69.94 0.50 1.19	61.76 0.25 0.76	45.48 0.94 0.00	41.99 1.76 -0.08	40.69 1.67 -0.08	39.85 1.67 -0.08	40.66 1.86 -0.08	41.17 1.88 -0.08	44.32 2.03 -0.08	49.94 1.26 0.01	64.29 1.14 0.01	75.74 1.70 0.01	71.40 1.33 0.01	59.58 1.00 0.01	52.96 1.34 0.01	47.74 0.75 0.05	45.26 1.06 0.00
BATAVIA__115KV_TB1 55881	46.73 0.96 0.00	45.10 0.45 0.00	42.12 0.70 0.00	40.46 0.91 0.00	41.23 0.97 0.00	42.49 0.55 0.00	56.65 0.56 0.00	71.76 1.13 0.00	63.88 1.62 0.00	46.46 1.92 0.00	41.38 1.24 0.00	40.33 1.40 0.00	39.61 1.52 0.00	40.11 1.39 0.00	40.50 1.29 0.00	42.85 0.63 0.00	48.59 -0.10 0.00	62.59 -0.57 0.00	73.45 -0.59 0.00	69.94 -0.14 0.00	58.01 -0.59 0.00	51.83 0.21 0.00	47.41 0.38 0.00	44.29 0.09 0.00
BAYONEEC___CTG1 323682	48.10 2.33 0.00	46.93 2.28 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.75 2.59 0.00	77.23 3.18 0.00	72.89 2.81 0.00	60.88 2.28 0.00	54.00 2.38 0.00	48.92 1.88 0.00	46.15 1.94 0.00
BAYONEEC___CTG10 323750	48.10 2.33 0.00	46.93 2.28 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.75 2.59 0.00	77.23 3.18 0.00	72.89 2.81 0.00	60.88 2.28 0.00	54.00 2.38 0.00	48.92 1.88 0.00	46.15 1.94 0.00
BAYONEEC___CTG2 323683	48.10 2.33 0.00	46.93 2.28 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.75 2.59 0.00	77.23 3.18 0.00	72.89 2.81 0.00	60.88 2.28 0.00	54.00 2.38 0.00	48.92 1.88 0.00	46.15 1.94 0.00
BAYONEEC___CTG3 323684	48.10 2.33 0.00	46.93 2.28 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.75 2.59 0.00	77.23 3.18 0.00	72.89 2.81 0.00	60.88 2.28 0.00	54.00 2.38 0.00	48.92 1.88 0.00	46.15 1.94 0.00
BAYONEEC___CTG4 323685	48.10 2.33 0.00	46.93 2.28 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.75 2.59 0.00	77.23 3.18 0.00	72.89 2.81 0.00	60.88 2.28 0.00	54.00 2.38 0.00	48.92 1.88 0.00	46.15 1.94 0.00
BAYONEEC___CTG5 323686	48.10 2.33 0.00	46.93 2.28 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.75 2.59 0.00	77.23 3.18 0.00	72.89 2.81 0.00	60.88 2.28 0.00	54.00 2.38 0.00	48.92 1.88 0.00	46.15 1.94 0.00
BAYONEEC___CTG6 323687	48.10 2.33 0.00	46.93 2.28 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.75 2.59 0.00	77.23 3.18 0.00	72.89 2.81 0.00	60.88 2.28 0.00	54.00 2.38 0.00	48.92 1.88 0.00	46.15 1.94 0.00
BAYONEEC___CTG7 323688	48.10 2.33 0.00	46.93 2.28 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.75 2.59 0.00	77.23 3.18 0.00	72.89 2.81 0.00	60.88 2.28 0.00	54.00 2.38 0.00	48.92 1.88 0.00	46.15 1.94 0.00

BAYONEEC___CTG8 323689	48.10 2.33 0.00	46.93 2.28 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.75 2.59 0.00	77.23 3.18 0.00	72.89 2.81 0.00	60.88 2.28 0.00	54.00 2.38 0.00	48.92 1.88 0.00	46.15 1.94 0.00
BAYONEEC___CTG9 323749	48.10 2.33 0.00	46.93 2.28 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.75 2.59 0.00	77.23 3.18 0.00	72.89 2.81 0.00	60.88 2.28 0.00	54.00 2.38 0.00	48.92 1.88 0.00	46.15 1.94 0.00
BEACON___LESR 323632	46.18 0.41 0.00	45.01 0.36 0.00	41.71 0.29 0.00	39.79 0.24 0.00	40.46 0.20 0.00	42.41 0.46 0.00	56.38 0.28 0.00	71.13 0.50 0.00	62.45 0.19 0.00	44.33 -0.22 0.00	40.02 -0.12 0.00	38.77 -0.16 0.00	37.94 -0.15 0.00	38.60 -0.12 0.00	39.12 -0.08 0.00	42.30 0.08 0.00	48.98 0.29 0.00	63.73 0.57 0.00	74.94 0.89 0.00	70.71 0.63 0.00	59.12 0.53 0.00	52.03 0.41 0.00	47.23 0.19 0.00	44.47 0.27 0.00
BEAVER RIVER___HYD 24048	47.20 1.28 -0.15	46.16 1.43 -0.08	42.66 1.24 0.00	40.69 1.15 0.00	41.51 1.25 0.00	43.04 1.09 0.00	57.94 1.85 0.00	72.75 2.12 0.00	64.13 1.87 0.00	45.35 0.80 0.00	40.70 0.56 0.00	39.32 0.39 0.00	38.20 0.11 0.00	38.60 -0.12 0.00	39.09 -0.12 0.00	42.38 0.17 0.00	48.98 0.29 0.00	64.17 1.01 0.00	75.94 1.63 -0.26	72.18 2.10 0.00	60.23 1.64 0.00	53.58 1.96 0.00	48.78 1.74 0.00	45.58 1.37 0.00
BEEBEE_GT_13 23619	45.91 0.14 0.00	44.47 -0.18 0.00	41.38 -0.04 0.00	39.63 0.08 0.00	40.38 0.12 0.00	41.78 -0.17 0.00	55.93 -0.17 0.00	70.77 0.14 0.00	62.82 0.56 0.00	45.39 0.85 0.00	40.62 0.48 0.00	39.51 0.58 0.00	38.81 0.72 0.00	39.30 0.58 0.00	39.71 0.51 0.00	42.30 0.08 0.00	48.44 -0.24 0.00	62.59 -0.57 0.00	73.38 -0.67 0.00	69.73 -0.35 0.00	57.89 -0.70 0.00	51.42 -0.21 0.00	46.94 -0.09 0.00	43.81 -0.40 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.75 2.98 -0.01	47.47 2.81 -0.01	44.04 2.61 -0.01	41.89 2.33 -0.01	42.60 2.34 -0.01	44.60 2.64 -0.01	58.74 2.64 -0.01	74.03 3.39 -0.01	65.07 2.80 0.00	47.09 2.54 0.00	42.76 2.61 -0.01	41.58 2.65 -0.01	40.69 2.59 -0.01	41.44 2.71 -0.01	41.96 2.74 -0.01	44.92 2.70 -0.01	51.81 3.12 -0.01	66.70 3.54 0.00	78.35 4.29 -0.01	73.94 3.85 -0.01	61.76 3.16 0.00	54.73 3.10 -0.01	49.68 2.63 -0.01	46.82 2.61 -0.01
BETHLEHEM___GRP 23843	45.45 -0.32 0.00	44.34 -0.31 0.00	41.09 -0.33 0.00	39.19 -0.36 0.00	39.90 -0.36 0.00	41.78 -0.17 0.00	55.53 -0.56 0.00	69.93 -0.71 0.00	61.39 -0.87 0.00	43.70 -0.85 0.00	39.54 -0.60 0.00	38.35 -0.58 0.00	37.52 -0.57 0.00	38.21 -0.50 0.00	38.73 -0.47 0.00	41.79 -0.42 0.00	48.30 -0.39 0.00	62.72 -0.44 0.00	73.68 -0.37 0.00	69.59 -0.49 0.00	58.19 -0.41 0.00	51.06 -0.57 0.00	46.47 -0.56 0.00	43.81 -0.40 0.00
BETHLEHEM___GS1 323560	45.45 -0.32 0.00	44.38 -0.27 0.00	41.09 -0.33 0.00	39.19 -0.36 0.00	39.90 -0.36 0.00	41.78 -0.17 0.00	55.53 -0.56 0.00	69.93 -0.71 0.00	61.39 -0.87 0.00	43.70 -0.85 0.00	39.54 -0.60 0.00	38.35 -0.58 0.00	37.52 -0.57 0.00	38.21 -0.50 0.00	38.69 -0.51 0.00	41.79 -0.42 0.00	48.29 -0.39 0.00	62.72 -0.44 0.00	73.68 -0.37 0.00	69.52 -0.56 0.00	58.19 -0.41 0.00	51.26 -0.36 0.00	46.48 -0.56 0.00	43.81 -0.40 0.00
BETHLEHEM___GS2 323561	45.45 -0.32 0.00	44.38 -0.27 0.00	41.09 -0.33 0.00	39.19 -0.36 0.00	39.90 -0.36 0.00	41.78 -0.17 0.00	55.53 -0.56 0.00	69.93 -0.71 0.00	61.39 -0.87 0.00	43.70 -0.85 0.00	39.54 -0.60 0.00	38.35 -0.58 0.00	37.52 -0.57 0.00	38.21 -0.50 0.00	38.69 -0.51 0.00	41.79 -0.42 0.00	48.29 -0.39 0.00	62.72 -0.44 0.00	73.68 -0.37 0.00	69.52 -0.56 0.00	58.19 -0.41 0.00	51.26 -0.36 0.00	46.48 -0.56 0.00	43.81 -0.40 0.00
BETHLEHEM___GS3 323562	45.45 -0.32 0.00	44.38 -0.27 0.00	41.09 -0.33 0.00	39.19 -0.36 0.00	39.90 -0.36 0.00	41.78 -0.17 0.00	55.53 -0.56 0.00	69.93 -0.71 0.00	61.39 -0.87 0.00	43.70 -0.85 0.00	39.54 -0.60 0.00	38.35 -0.58 0.00	37.52 -0.57 0.00	38.21 -0.50 0.00	38.69 -0.51 0.00	41.79 -0.42 0.00	48.29 -0.39 0.00	62.72 -0.44 0.00	73.68 -0.37 0.00	69.52 -0.56 0.00	58.19 -0.41 0.00	51.26 -0.36 0.00	46.48 -0.56 0.00	43.81 -0.40 0.00
BETHLEHEM___STEEL 23779	46.04 0.27 0.00	44.52 -0.13 0.00	41.63 0.21 0.00	39.94 0.40 0.00	40.70 0.44 0.00	42.07 0.13 0.00	55.98 -0.11 0.00	70.70 0.07 0.00	62.95 0.68 0.00	46.15 1.60 0.00	41.14 1.00 0.00	40.06 1.13 0.00	39.31 1.22 0.00	39.92 1.20 0.00	40.26 1.06 0.00	42.59 0.38 0.00	47.91 -0.78 0.00	61.46 -1.71 0.00	71.97 -2.07 0.00	68.47 -1.61 0.00	57.07 -1.52 0.00	51.00 -0.62 0.00	46.61 -0.42 0.00	43.76 -0.44 0.00
BETHLHEM_115KV_TB1 79974	45.63 -0.14 0.00	44.52 -0.13 0.00	41.25 -0.17 0.00	39.39 -0.16 0.00	40.06 -0.20 0.00	41.95 0.00 0.00	55.76 -0.34 0.00	70.21 -0.42 0.00	61.64 -0.62 0.00	43.92 -0.62 0.00	39.70 -0.44 0.00	38.50 -0.43 0.00	37.67 -0.42 0.00	38.37 -0.35 0.00	38.89 -0.31 0.00	41.96 -0.25 0.00	48.49 -0.19 0.00	62.91 -0.25 0.00	73.90 -0.15 0.00	69.80 -0.28 0.00	58.42 -0.18 0.00	51.26 -0.36 0.00	46.66 -0.38 0.00	43.98 -0.22 0.00
BETHPAGE_CC_5 323564	47.79 2.01 0.00	46.44 1.79 0.00	42.96 1.53 0.00	40.77 1.23 0.00	41.47 1.21 0.00	43.08 1.13 0.00	50.20 0.34 6.23	54.29 0.50 16.84	51.83 0.38 10.81	45.17 0.84 0.22	41.91 1.76 0.00	40.54 1.63 0.03	39.73 1.64 0.00	40.54 1.82 0.00	41.09 1.88 0.00	44.20 1.98 0.00	49.94 1.26 0.01	64.22 1.07 0.01	75.59 1.56 0.01	71.26 1.19 0.01	59.52 0.93 0.01	52.80 1.19 0.01	47.13 0.71 0.61	45.08 0.88 0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	46.04 0.27 0.00	44.56 -0.09 0.00	41.63 0.21 0.00	39.98 0.44 0.00	40.70 0.44 0.00	42.07 0.13 0.00	56.04 -0.06 0.00	70.70 0.07 0.00	63.01 0.75 0.00	46.15 1.60 0.00	41.18 1.04 0.00	40.06 1.13 0.00	39.35 1.26 0.00	39.96 1.24 0.00	40.26 1.06 0.00	42.59 0.38 0.00	47.96 -0.73 0.00	61.52 -1.64 0.00	72.12 -1.93 0.00	68.54 -1.54 0.00	57.13 -1.46 0.00	51.06 -0.57 0.00	46.66 -0.38 0.00	43.81 -0.40 0.00
BINGHAMTON___COGEN 23790	46.32 0.55 0.00	45.10 0.45 0.00	41.92 0.50 0.00	40.06 0.51 0.00	40.78 0.52 0.00	42.49 0.55 0.00	56.71 0.62 0.00	71.48 0.85 0.00	63.14 0.87 0.00	45.39 0.85 0.00	40.82 0.68 0.00	39.55 0.62 0.00	38.70 0.61 0.00	39.41 0.70 0.00	39.79 0.59 0.00	42.72 0.51 0.00	49.07 0.39 0.00	63.48 0.32 0.00	74.49 0.44 0.00	70.50 0.42 0.00	58.83 0.23 0.00	51.98 0.36 0.00	47.37 0.33 0.00	44.47 0.27 0.00

BIXINCNT_115KV_LOAD 355685	46.14 0.37 0.00	44.70 0.04 0.00	41.75 0.33 0.00	40.06 0.51 0.00	40.82 0.56 0.00	42.28 0.34 0.00	56.49 0.39 0.00	71.13 0.49 0.00	63.39 1.12 0.00	46.37 1.83 0.00	41.26 1.12 0.00	40.10 1.17 0.00	39.31 1.22 0.00	39.88 1.16 0.00	40.18 0.98 0.00	42.51 0.30 0.00	47.91 -0.78 0.00	61.71 -1.45 0.00	72.56 -1.48 0.00	68.96 -1.12 0.00	57.42 -1.17 0.00	51.26 -0.36 0.00	46.80 -0.24 0.00	43.98 -0.22 0.00
BLACK RIVER___HYD 24047	47.41 1.37 -0.27	46.35 1.56 -0.14	42.79 1.36 0.00	40.81 1.27 0.00	41.63 1.37 0.00	43.20 1.26 0.00	58.22 2.13 0.00	73.17 2.54 0.00	64.50 2.24 0.00	45.48 0.94 0.00	40.74 0.60 0.00	39.28 0.35 0.00	38.24 0.15 0.00	38.72 0.00 0.00	39.12 -0.08 0.00	42.51 0.30 0.00	49.32 0.63 0.00	64.68 1.51 0.00	76.89 2.37 -0.47	72.89 2.81 0.00	60.77 2.17 0.00	53.89 2.27 0.00	48.97 1.93 0.00	45.71 1.50 0.00
BLACKRVR_115KV_TB2 79977	47.41 1.37 -0.27	46.35 1.56 -0.14	42.79 1.37 0.00	40.81 1.27 0.00	41.63 1.37 0.00	43.20 1.26 0.00	58.22 2.13 0.00	73.24 2.61 0.00	64.51 2.24 0.00	45.48 0.94 0.00	40.74 0.60 0.00	39.28 0.35 0.00	38.24 0.15 0.00	38.72 0.00 0.00	39.12 -0.08 0.00	42.51 0.30 0.00	49.32 0.63 0.00	64.68 1.52 0.00	76.89 2.37 -0.47	72.88 2.80 0.00	60.76 2.17 0.00	53.95 2.32 0.00	48.97 1.93 0.00	45.71 1.50 0.00
BLDWN_LI_69_KV_BK4 356085	47.95 2.15 -0.02	46.33 1.65 -0.02	43.09 1.66 -0.02	40.89 1.34 0.00	41.59 1.33 0.00	43.29 1.34 0.00	52.98 0.67 3.78	61.32 0.99 10.30	56.46 0.75 6.56	45.71 1.16 0.00	42.17 2.01 -0.02	40.78 1.83 -0.02	39.98 1.87 -0.02	40.79 2.05 -0.02	41.31 2.08 -0.02	44.43 2.20 -0.02	50.28 1.61 0.01	64.80 1.64 0.01	76.26 2.22 0.01	71.96 1.89 0.01	60.05 1.46 0.01	53.21 1.60 0.01	47.70 1.03 0.38	45.44 1.24 0.00
BLISS_WT_PWR 323608	46.13 0.36 0.00	44.56 -0.09 0.00	41.75 0.33 0.00	40.06 0.51 0.00	40.82 0.56 0.00	42.28 0.33 0.00	56.49 0.40 0.00	71.41 0.78 0.00	63.44 1.18 0.00	46.37 1.83 0.00	41.30 1.16 0.00	40.02 1.09 0.00	39.31 1.22 0.00	39.84 1.12 0.00	40.18 0.98 0.00	42.42 0.21 0.00	47.90 -0.78 0.00	61.71 -1.45 0.00	72.57 -1.48 0.00	69.03 -1.05 0.00	57.48 -1.12 0.00	50.44 -1.19 0.00	46.85 -0.19 0.00	44.03 -0.18 0.00
BLUESTONE___WT_PWR 323821	48.01 2.24 0.00	47.02 2.36 0.00	43.61 2.19 0.00	41.64 2.09 0.00	42.43 2.17 0.00	44.17 2.22 0.00	59.23 3.14 0.00	74.87 4.24 0.00	66.13 3.86 0.00	47.04 2.49 0.00	42.18 2.05 0.00	40.76 1.83 0.00	39.88 1.79 0.00	40.54 1.82 0.00	40.89 1.68 0.00	44.20 1.98 0.00	51.07 2.38 0.00	66.51 3.35 0.00	78.26 4.22 0.00	74.28 4.20 0.00	61.88 3.28 0.00	54.41 2.79 0.00	49.62 2.59 0.00	46.46 2.25 0.00
BLUE_CIRC_CHEM_DRP 24182	46.41 0.64 0.00	45.32 0.67 0.00	42.00 0.58 0.00	40.10 0.55 0.00	40.90 0.64 0.00	42.79 0.84 0.00	56.88 0.79 0.00	71.62 0.99 0.00	62.76 0.50 0.00	44.50 -0.04 0.00	40.10 -0.04 0.00	38.85 -0.08 0.00	38.01 -0.08 0.00	38.72 0.00 0.00	39.28 0.08 0.00	42.47 0.25 0.00	49.12 0.44 0.00	63.86 0.69 0.00	75.01 0.96 0.00	70.85 0.77 0.00	59.30 0.70 0.00	52.09 0.46 0.00	47.46 0.42 0.00	44.69 0.49 0.00
BOC_GAS_DRP 24189	46.14 0.37 0.00	45.05 0.40 0.00	41.75 0.33 0.00	39.86 0.32 0.00	40.58 0.32 0.00	42.37 0.42 0.00	56.37 0.28 0.00	70.98 0.35 0.00	62.39 0.12 0.00	44.55 0.00 0.00	40.22 0.08 0.00	39.01 0.08 0.00	38.20 0.11 0.00	38.87 0.15 0.00	39.40 0.20 0.00	42.47 0.25 0.00	49.03 0.34 0.00	63.54 0.38 0.00	74.56 0.52 0.00	70.43 0.35 0.00	58.95 0.35 0.00	51.83 0.21 0.00	47.18 0.14 0.00	44.47 0.27 0.00
BOONVILLE_115KV_TB1 79983	46.96 1.19 0.00	45.99 1.34 0.00	42.62 1.20 0.00	40.65 1.11 0.00	41.43 1.17 0.00	43.12 1.17 0.00	57.89 1.79 0.00	72.82 2.19 0.00	64.19 1.93 0.00	45.57 1.02 0.00	40.94 0.80 0.00	39.59 0.66 0.00	38.55 0.46 0.00	39.07 0.35 0.00	39.52 0.31 0.00	42.76 0.55 0.00	49.46 0.78 0.00	64.49 1.33 0.00	75.90 1.85 0.00	72.11 2.03 0.00	60.24 1.64 0.00	53.33 1.70 0.00	48.50 1.46 0.00	45.44 1.24 0.00
BORALEX_4TH_BRANCH 23824	46.96 1.19 0.00	45.81 1.16 0.00	42.37 0.95 0.00	40.46 0.91 0.00	41.35 1.09 0.00	43.20 1.26 0.00	58.06 1.96 0.00	72.89 2.26 0.00	64.01 1.74 0.00	44.99 0.45 0.00	40.46 0.32 0.00	39.09 0.16 0.00	38.28 0.19 0.00	38.95 0.23 0.00	39.60 0.39 0.00	43.06 0.84 0.00	50.10 1.41 0.00	65.37 2.21 0.00	77.01 2.96 0.00	72.53 2.45 0.00	60.76 2.17 0.00	52.66 1.03 0.00	47.98 0.94 0.00	45.44 1.24 0.00
BOWLINE___1 23526	47.69 1.92 0.00	46.57 1.92 0.00	43.16 1.74 0.00	41.09 1.54 0.00	41.79 1.53 0.00	43.71 1.76 0.00	57.66 1.57 0.00	72.75 2.12 0.00	63.88 1.62 0.00	46.06 1.52 0.00	41.82 1.69 0.00	40.68 1.75 0.00	39.81 1.72 0.00	40.54 1.82 0.00	41.01 1.80 0.00	43.94 1.73 0.00	50.68 2.00 0.00	65.31 2.15 0.00	76.71 2.66 0.00	72.39 2.31 0.00	60.47 1.87 0.00	53.58 1.96 0.00	48.59 1.55 0.00	45.84 1.64 0.00
BOWLINE___2 23595	47.69 1.92 0.00	46.57 1.92 0.00	43.16 1.74 0.00	41.09 1.54 0.00	41.79 1.53 0.00	43.71 1.76 0.00	57.66 1.57 0.00	72.75 2.12 0.00	63.88 1.62 0.00	46.06 1.52 0.00	41.82 1.69 0.00	40.64 1.71 0.00	39.81 1.72 0.00	40.54 1.82 0.00	41.01 1.80 0.00	43.94 1.73 0.00	50.63 1.95 0.00	65.24 2.08 0.00	76.71 2.66 0.00	72.39 2.31 0.00	60.47 1.87 0.00	53.58 1.96 0.00	48.59 1.55 0.00	45.79 1.59 0.00
BRADY___115KV_TB2 356060	47.14 1.37 0.00	46.08 1.43 0.00	42.66 1.24 0.00	40.81 1.27 0.00	41.51 1.25 0.00	43.16 1.22 0.00	58.11 2.02 0.00	73.03 2.40 0.00	64.13 1.87 0.00	45.71 1.16 0.00	41.06 0.92 0.00	39.90 0.97 0.00	38.97 0.88 0.00	39.45 0.74 0.00	40.03 0.82 0.00	43.23 1.01 0.00	49.85 1.17 0.00	65.31 2.15 0.00	76.49 2.44 0.00	72.74 2.66 0.00	60.88 2.29 0.00	53.58 1.96 0.00	48.97 1.93 0.00	45.80 1.59 0.00
BRANSCOMB___SOLAR 323811	47.14 1.37 0.00	45.95 1.30 0.00	42.58 1.16 0.00	40.65 1.11 0.00	41.35 1.09 0.00	43.20 1.26 0.00	57.66 1.57 0.00	72.75 2.12 0.00	63.76 1.49 0.00	44.99 0.45 0.00	40.34 0.20 0.00	38.97 0.04 0.00	38.09 0.00 0.00	38.83 0.12 0.00	39.48 0.28 0.00	42.85 0.63 0.00	49.76 1.07 0.00	65.00 1.83 0.00	76.49 2.44 0.00	72.18 2.10 0.00	60.35 1.76 0.00	53.02 1.39 0.00	48.21 1.18 0.00	45.40 1.19 0.00
BRDGHMPT_69_KV_BK1 55812	47.23 1.46 0.00	45.58 0.94 0.00	42.45 1.04 0.00	40.26 0.71 0.00	40.98 0.72 0.00	42.70 0.76 0.00	45.56 -0.39 10.14	48.88 -0.21 21.54	44.22 -0.44 17.61	35.63 0.36 9.27	41.53 1.44 0.06	38.92 1.36 1.37	39.53 1.45 0.00	40.42 1.70 0.00	41.04 1.84 0.00	44.19 1.98 0.00	50.03 1.36 0.02	64.54 1.39 0.02	76.03 2.00 0.02	71.68 1.61 0.02	59.64 1.05 0.02	52.90 1.29 0.02	46.82 0.56 0.78	44.96 0.75 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	47.92 2.15 0.00	46.30 1.65 0.00	43.12 1.70 0.00	40.89 1.34 0.00	41.59 1.33 0.00	43.33 1.38 0.00	48.43 0.17 7.83	49.79 -0.07 20.77	48.62 -0.06 13.58	44.79 1.11 0.87	42.14 2.01 0.01	40.67 1.87 0.13	39.88 1.79 0.00	40.73 2.01 0.00	41.28 2.08 0.00	44.32 2.11 0.00	49.99 1.31 0.01	64.47 1.33 0.01	75.88 1.85 0.01	71.61 1.54 0.01	59.75 1.17 0.01	52.95 1.34 0.01	46.52 0.24 0.75	45.27 1.06 0.00
BRISTLHL_115KV_TB1 79998	45.65 -0.78 -0.66	44.19 -0.80 -0.34	40.72 -0.70 0.00	38.87 -0.67 0.00	39.58 -0.68 0.00	41.23 -0.71 0.00	55.20 -0.90 0.00	69.50 -1.13 0.00	61.52 -0.75 0.00	44.06 -0.49 0.00	39.62 -0.52 0.00	38.38 -0.55 0.00	37.52 -0.57 0.00	38.21 -0.50 0.00	38.61 -0.59 0.00	41.54 -0.68 0.00	47.96 -0.73 0.00	62.09 -1.07 0.00	74.03 -1.18 -1.16	68.96 -1.12 0.00	57.60 -1.00 0.00	50.75 -0.88 0.00	46.24 -0.80 0.00	43.37 -0.84 0.00
BROOKHAVEN___DRP 24191	46.86 1.10 0.00	45.27 0.63 0.00	42.12 0.70 0.00	39.94 0.40 0.00	40.66 0.40 0.00	42.32 0.38 0.00	45.22 -0.73 10.15	48.37 -0.71 21.55	43.77 -0.87 17.62	35.27 0.00 9.28	41.13 1.04 0.06	38.45 0.90 1.37	39.04 0.95 0.00	39.84 1.12 0.00	40.45 1.25 0.00	43.47 1.27 0.00	49.16 0.49 0.02	63.34 0.19 0.02	74.55 0.52 0.02	70.28 0.21 0.02	58.64 0.06 0.02	52.02 0.41 0.02	46.16 -0.09 0.78	44.34 0.13 0.00
BROOKLYN_NAVY_YARD 23515	48.01 2.24 0.00	46.79 2.14 0.00	43.33 1.91 0.00	41.21 1.66 0.00	41.91 1.65 0.00	43.88 1.93 0.00	57.72 1.63 0.00	72.96 2.33 0.00	64.07 1.81 0.00	46.42 1.87 0.00	42.10 1.97 0.00	40.95 2.02 0.00	40.11 2.02 0.00	40.81 2.09 0.00	41.32 2.12 0.00	44.24 2.03 0.00	51.02 2.34 0.00	65.56 2.40 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.70 2.11 0.00	53.89 2.27 0.00	48.82 1.79 0.00	46.06 1.86 0.00
BROOKLYN___ARMY_DRP 323595	48.57 2.79 -0.01	47.34 2.68 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.59 2.45 -0.01	41.39 2.45 -0.01	40.54 2.44 -0.01	41.28 2.56 -0.01	41.80 2.59 -0.01	44.75 2.53 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.47 2.84 -0.01	49.49 2.45 -0.01	46.69 2.48 -0.01
BROOME_2_LFGE 323671	46.32 0.55 0.00	45.05 0.40 0.00	41.92 0.50 0.00	40.06 0.51 0.00	40.78 0.52 0.00	42.49 0.54 0.00	56.71 0.62 0.00	71.55 0.92 0.00	63.14 0.87 0.00	45.39 0.84 0.00	40.82 0.68 0.00	39.51 0.58 0.00	38.70 0.61 0.00	39.42 0.70 0.00	39.79 0.59 0.00	42.68 0.47 0.00	49.07 0.39 0.00	63.48 0.32 0.00	74.49 0.45 0.00	70.43 0.35 0.00	58.83 0.24 0.00	51.78 0.16 0.00	47.37 0.33 0.00	44.47 0.27 0.00
BROOME___LFGE 323600	46.32 0.55 0.00	45.05 0.40 0.00	41.92 0.50 0.00	40.06 0.51 0.00	40.78 0.52 0.00	42.49 0.54 0.00	56.71 0.62 0.00	71.55 0.92 0.00	63.14 0.87 0.00	45.39 0.84 0.00	40.82 0.68 0.00	39.51 0.58 0.00	38.70 0.61 0.00	39.42 0.70 0.00	39.79 0.59 0.00	42.68 0.47 0.00	49.07 0.39 0.00	63.48 0.32 0.00	74.49 0.45 0.00	70.43 0.35 0.00	58.83 0.24 0.00	51.78 0.16 0.00	47.37 0.33 0.00	44.47 0.27 0.00
BROWNFLS_115KV_TB_3_5 80003	47.11 1.24 -0.11	46.09 1.38 -0.05	42.62 1.20 0.00	40.69 1.15 0.00	41.43 1.17 0.00	43.04 1.09 0.00	57.94 1.85 0.00	72.61 1.98 0.00	63.88 1.62 0.00	45.35 0.80 0.00	40.74 0.60 0.00	39.47 0.55 0.00	38.55 0.46 0.00	38.95 0.23 0.00	39.44 0.24 0.00	42.72 0.51 0.00	49.12 0.44 0.00	64.43 1.26 0.00	75.94 1.70 -0.19	72.11 2.03 0.00	60.30 1.70 0.00	53.58 1.96 0.00	48.83 1.79 0.00	45.62 1.41 0.00
BROWNSV1_27_KV_LOAD 356125	48.42 2.65 0.00	47.20 2.55 0.00	43.70 2.28 0.00	41.60 2.06 0.00	42.27 2.01 0.00	44.25 2.31 0.00	58.34 2.24 0.00	73.60 2.97 0.00	64.76 2.49 0.00	46.82 2.27 0.00	42.55 2.41 0.00	41.34 2.41 0.00	40.53 2.44 0.00	41.23 2.52 0.00	41.75 2.55 0.00	44.66 2.45 0.00	51.56 2.87 0.00	66.26 3.09 0.00	77.90 3.85 0.00	73.51 3.43 0.00	61.35 2.75 0.00	54.31 2.68 0.00	49.30 2.26 0.00	46.46 2.25 0.00
BURROWS___LYONSDAL 23803	47.07 1.24 -0.07	46.03 1.34 -0.04	42.62 1.20 0.00	40.65 1.11 0.00	41.47 1.21 0.00	43.08 1.13 0.00	57.89 1.79 0.00	72.82 2.19 0.00	64.19 1.93 0.00	45.53 0.98 0.00	40.90 0.76 0.00	39.55 0.62 0.00	38.43 0.34 0.00	38.91 0.19 0.00	39.36 0.16 0.00	42.59 0.38 0.00	49.27 0.58 0.00	64.36 1.20 0.00	75.87 1.70 -0.12	72.04 1.96 0.00	60.18 1.58 0.00	53.43 1.81 0.00	48.54 1.51 0.00	45.49 1.28 0.00
CAITHNESS_CC_1 323624	46.86 1.10 0.00	45.54 0.89 0.00	42.12 0.70 0.00	39.98 0.44 0.00	40.66 0.40 0.00	42.36 0.42 0.00	45.20 -0.73 10.16	48.42 -0.64 21.57	43.76 -0.87 17.64	35.25 0.00 9.30	41.12 1.04 0.06	38.53 0.97 1.37	39.07 0.99 0.00	39.87 1.16 0.00	40.45 1.25 0.00	43.56 1.35 0.00	49.16 0.49 0.02	63.40 0.25 0.02	74.55 0.52 0.02	70.28 0.21 0.02	58.70 0.12 0.02	52.07 0.46 0.02	46.16 -0.09 0.78	44.33 0.13 0.01
CALPINE BETH_PAGE_GT4 24209	47.79 2.01 -0.01	46.18 1.52 -0.01	42.96 1.53 0.00	40.77 1.23 0.00	41.47 1.21 0.00	43.12 1.17 0.00	50.99 0.45 5.55	56.15 0.64 15.12	53.14 0.50 9.62	45.48 0.94 0.00	41.95 1.81 -0.01	40.61 1.67 -0.01	39.77 1.68 -0.01	40.62 1.90 -0.01	41.13 1.92 -0.01	44.20 1.98 -0.01	50.04 1.36 0.01	64.41 1.26 0.01	75.74 1.70 0.01	71.47 1.40 0.01	59.64 1.05 0.01	52.85 1.24 0.01	47.29 0.80 0.55	45.18 0.97 0.00
CALPINE_BETH_PAGE_GT_4 323586	47.79 2.01 -0.01	46.40 1.74 -0.01	42.96 1.53 0.00	40.77 1.23 0.00	41.47 1.21 0.00	43.12 1.17 0.00	50.99 0.45 5.55	56.22 0.71 15.12	53.14 0.50 9.62	45.43 0.89 0.01	41.95 1.81 -0.01	40.65 1.71 -0.01	39.77 1.67 -0.01	40.62 1.90 -0.01	41.13 1.92 -0.01	44.25 2.03 -0.01	50.03 1.36 0.01	64.41 1.26 0.01	75.81 1.77 0.01	71.54 1.47 0.01	59.69 1.11 0.01	52.95 1.34 0.01	47.29 0.80 0.55	45.17 0.97 0.01
CALPINE_BP_GT1 23823	47.79 2.01 -0.01	46.40 1.74 -0.01	42.96 1.53 0.00	40.77 1.23 0.00	41.47 1.21 0.00	43.12 1.17 0.00	50.99 0.45 5.55	56.22 0.71 15.12	53.14 0.50 9.62	45.43 0.89 0.01	41.95 1.81 -0.01	40.65 1.71 -0.01	39.77 1.67 -0.01	40.62 1.90 -0.01	41.13 1.92 -0.01	44.25 2.03 -0.01	50.03 1.36 0.01	64.41 1.26 0.01	75.81 1.77 0.01	71.54 1.47 0.01	59.69 1.11 0.01	52.95 1.34 0.01	47.29 0.80 0.55	45.17 0.97 0.01
CALSPAN___DRP 24200	46.04 0.27 0.00	44.52 -0.13 0.00	41.63 0.21 0.00	39.94 0.40 0.00	40.70 0.44 0.00	42.07 0.13 0.00	55.98 -0.11 0.00	70.70 0.07 0.00	62.95 0.68 0.00	46.15 1.60 0.00	41.14 1.00 0.00	40.06 1.13 0.00	39.31 1.22 0.00	39.92 1.20 0.00	40.26 1.06 0.00	42.59 0.38 0.00	47.91 -0.78 0.00	61.46 -1.71 0.00	71.97 -2.07 0.00	68.47 -1.61 0.00	57.07 -1.52 0.00	51.00 -0.62 0.00	46.61 -0.42 0.00	43.76 -0.44 0.00

CALVERTON___SOLAR 323806	46.91 1.14 0.00	45.54 0.89 0.00	42.12 0.70 0.00	39.98 0.44 0.00	40.66 0.40 0.00	42.36 0.42 0.00	45.22 -0.73 10.15	48.45 -0.64 21.55	43.77 -0.87 17.62	35.26 0.00 9.29	41.12 1.04 0.06	38.49 0.93 1.37	39.04 0.95 0.00	39.87 1.16 0.00	40.45 1.25 0.00	43.60 1.39 0.00	49.26 0.59 0.02	63.53 0.38 0.02	74.77 0.74 0.02	70.49 0.42 0.02	58.82 0.24 0.02	52.18 0.57 0.02	46.21 -0.05 0.78	44.38 0.18 0.01
CANDIGU_WT_PWR 323617	46.23 0.46 0.00	44.74 0.09 0.00	41.79 0.37 0.00	40.06 0.51 0.00	40.78 0.52 0.00	42.41 0.46 0.00	56.60 0.50 0.00	71.55 0.92 0.00	63.07 0.81 0.00	45.57 1.03 0.00	40.74 0.60 0.00	39.43 0.50 0.00	38.85 0.76 0.00	39.53 0.81 0.00	39.91 0.71 0.00	42.59 0.38 0.00	48.59 -0.10 0.00	62.72 -0.44 0.00	73.68 -0.37 0.00	69.73 -0.35 0.00	58.07 -0.53 0.00	50.95 -0.67 0.00	47.04 0.00 0.00	44.16 -0.04 0.00
CARR STREET_E_SYR 24060	45.27 -0.50 0.00	44.03 -0.63 0.00	40.93 -0.50 0.00	39.07 -0.47 0.00	39.78 -0.48 0.00	41.45 -0.50 0.00	55.48 -0.62 0.00	69.93 -0.71 0.00	61.83 -0.43 0.00	44.28 -0.27 0.00	39.86 -0.28 0.00	38.58 -0.35 0.00	37.78 -0.31 0.00	38.49 -0.23 0.00	38.85 -0.35 0.00	41.79 -0.42 0.00	48.20 -0.49 0.00	62.41 -0.76 0.00	73.23 -0.81 0.00	69.24 -0.84 0.00	57.83 -0.76 0.00	50.90 -0.72 0.00	46.48 -0.56 0.00	43.54 -0.66 0.00
CARTHAGE___PAPER 23857	47.32 1.33 -0.22	46.28 1.52 -0.11	42.75 1.33 0.00	40.77 1.23 0.00	41.59 1.33 0.00	43.16 1.22 0.00	58.11 2.02 0.00	73.03 2.40 0.00	64.32 2.05 0.00	45.39 0.84 0.00	40.70 0.56 0.00	39.28 0.35 0.00	38.20 0.11 0.00	38.60 -0.12 0.00	39.05 -0.16 0.00	42.42 0.21 0.00	49.12 0.44 0.00	64.49 1.33 0.00	76.51 2.07 -0.39	72.67 2.59 0.00	60.59 1.99 0.00	53.79 2.17 0.00	48.92 1.88 0.00	45.71 1.50 0.00
CASSADAGA_WT_PWR 323784	46.87 1.10 0.00	45.28 0.62 0.00	42.50 1.08 0.00	40.81 1.27 0.00	41.59 1.33 0.00	43.04 1.09 0.00	57.21 1.12 0.00	72.68 2.05 0.00	64.26 1.99 0.00	46.95 2.40 0.00	41.82 1.69 0.00	40.53 1.60 0.00	39.81 1.72 0.00	40.81 2.09 0.00	41.08 1.88 0.00	43.44 1.22 0.00	48.98 0.29 0.00	63.10 -0.06 0.00	73.90 -0.15 0.00	69.87 -0.21 0.00	58.30 -0.29 0.00	51.21 -0.41 0.00	47.56 0.52 0.00	44.74 0.53 0.00
CE_DUNWOOD___DRP 24194	47.83 2.06 0.00	46.66 2.01 0.00	43.24 1.82 0.00	41.17 1.62 0.00	41.87 1.61 0.00	43.79 1.85 0.00	57.72 1.63 0.00	72.82 2.19 0.00	64.01 1.74 0.00	46.24 1.69 0.00	41.94 1.81 0.00	40.80 1.87 0.00	39.96 1.87 0.00	40.65 1.94 0.00	41.16 1.96 0.00	44.11 1.90 0.00	50.83 2.14 0.00	65.50 2.34 0.00	76.93 2.89 0.00	72.60 2.52 0.00	60.65 2.05 0.00	53.64 2.01 0.00	48.68 1.65 0.00	45.93 1.72 0.00
CE_MILLWOOD___DRP 24193	47.74 1.97 0.00	46.57 1.92 0.00	43.20 1.78 0.00	41.13 1.58 0.00	41.83 1.57 0.00	43.71 1.76 0.00	57.66 1.57 0.00	72.75 2.12 0.00	63.95 1.68 0.00	46.15 1.60 0.00	41.90 1.77 0.00	40.72 1.79 0.00	39.88 1.79 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.03 1.82 0.00	50.78 2.09 0.00	65.37 2.21 0.00	76.86 2.81 0.00	72.53 2.45 0.00	60.53 1.93 0.00	53.58 1.96 0.00	48.64 1.60 0.00	45.89 1.68 0.00
CE_NYC2_DRP 24202	48.34 2.56 -0.01	47.11 2.46 -0.01	43.67 2.24 -0.01	41.57 2.02 -0.01	42.28 2.01 -0.01	44.22 2.27 -0.01	58.17 2.08 0.00	73.32 2.68 0.00	64.44 2.18 0.00	46.73 2.18 0.00	42.43 2.29 -0.01	41.23 2.30 -0.01	40.42 2.32 -0.01	41.13 2.40 -0.01	41.64 2.43 -0.01	44.58 2.36 -0.01	51.42 2.73 -0.01	66.07 2.91 0.00	77.53 3.48 0.00	73.09 3.01 0.00	61.12 2.52 0.00	54.15 2.53 0.00	49.21 2.16 -0.01	46.38 2.17 -0.01
CE_NYC_DRP 24195	48.15 2.38 0.00	46.93 2.28 0.00	43.49 2.07 0.00	41.41 1.86 0.00	42.07 1.81 0.00	44.00 2.06 0.00	58.00 1.91 0.00	73.17 2.54 0.00	64.32 2.05 0.00	46.55 2.00 0.00	42.27 2.13 0.00	41.11 2.18 0.00	40.26 2.17 0.00	41.00 2.28 0.00	41.48 2.27 0.00	44.41 2.20 0.00	51.22 2.53 0.00	65.88 2.72 0.00	77.38 3.33 0.00	73.02 2.94 0.00	61.00 2.40 0.00	54.00 2.37 0.00	49.01 1.98 0.00	46.19 1.99 0.00
CHAFFEE___LFGE 323603	46.05 0.28 0.00	44.38 -0.27 0.00	41.63 0.21 0.00	39.98 0.44 0.00	40.70 0.44 0.00	42.07 0.13 0.00	56.04 -0.06 0.00	70.99 0.35 0.00	63.07 0.81 0.00	46.20 1.65 0.00	41.18 1.04 0.00	39.98 1.05 0.00	39.35 1.26 0.00	39.96 1.24 0.00	40.30 1.10 0.00	42.55 0.34 0.00	47.96 -0.73 0.00	61.59 -1.58 0.00	72.20 -1.85 0.00	68.61 -1.48 0.00	57.19 -1.41 0.00	50.18 -1.45 0.00	46.66 -0.38 0.00	43.81 -0.40 0.00
CHATEAUG_35_KV_LOAD 355732	46.23 0.46 0.00	45.10 0.45 0.00	41.75 0.33 0.00	39.94 0.40 0.00	40.62 0.36 0.00	42.28 0.34 0.00	56.71 0.62 0.00	71.27 0.64 0.00	62.82 0.56 0.00	45.08 0.53 0.00	40.58 0.44 0.00	39.47 0.55 0.00	38.51 0.42 0.00	38.99 0.27 0.00	39.56 0.35 0.00	42.63 0.42 0.00	49.07 0.39 0.00	64.05 0.88 0.00	74.93 0.89 0.00	71.06 0.98 0.00	59.53 0.94 0.00	52.35 0.72 0.00	47.98 0.94 0.00	44.96 0.75 0.00
CHATEAUG_WT_PWR 323614	46.13 0.36 0.00	45.01 0.36 0.00	41.71 0.29 0.00	39.86 0.31 0.00	40.54 0.28 0.00	42.20 0.25 0.00	56.49 0.40 0.00	70.92 0.28 0.00	62.64 0.38 0.00	44.99 0.45 0.00	40.54 0.40 0.00	39.40 0.47 0.00	38.47 0.38 0.00	38.95 0.23 0.00	39.52 0.31 0.00	42.59 0.38 0.00	48.93 0.24 0.00	63.79 0.63 0.00	74.64 0.59 0.00	70.99 0.91 0.00	59.30 0.71 0.00	52.19 0.57 0.00	47.79 0.75 0.00	44.82 0.62 0.00
CHAT_HIGH_FALL_HYD 323578	46.23 0.46 0.00	45.10 0.45 0.00	41.75 0.33 0.00	39.94 0.40 0.00	40.62 0.36 0.00	42.28 0.34 0.00	56.71 0.62 0.00	71.27 0.64 0.00	62.82 0.56 0.00	45.08 0.53 0.00	40.58 0.44 0.00	39.47 0.55 0.00	38.51 0.42 0.00	38.99 0.27 0.00	39.56 0.35 0.00	42.63 0.42 0.00	49.07 0.39 0.00	64.05 0.88 0.00	74.93 0.89 0.00	71.06 0.98 0.00	59.53 0.94 0.00	52.35 0.72 0.00	47.98 0.94 0.00	44.96 0.75 0.00
CHAUTAUQUA___LFGE 323629	46.59 0.82 0.00	44.92 0.27 0.00	42.17 0.75 0.00	40.49 0.95 0.00	41.27 1.01 0.00	42.70 0.76 0.00	56.82 0.73 0.00	72.04 1.41 0.00	63.82 1.56 0.00	46.69 2.14 0.00	41.62 1.49 0.00	40.37 1.44 0.00	39.69 1.60 0.00	40.46 1.74 0.00	40.73 1.53 0.00	43.06 0.84 0.00	48.54 -0.15 0.00	62.41 -0.76 0.00	73.16 -0.89 0.00	69.45 -0.63 0.00	57.90 -0.70 0.00	50.85 -0.77 0.00	47.23 0.19 0.00	44.38 0.18 0.00
CHERRYST_13_KV_LD 356241	48.29 2.52 0.00	47.06 2.41 0.00	43.62 2.20 0.00	41.48 1.94 0.00	42.15 1.89 0.00	44.13 2.18 0.00	58.11 2.02 0.00	73.39 2.75 0.00	64.51 2.24 0.00	46.69 2.14 0.00	42.39 2.25 0.00	41.19 2.26 0.00	40.38 2.29 0.00	41.08 2.36 0.00	41.59 2.39 0.00	44.49 2.28 0.00	51.36 2.68 0.00	66.01 2.84 0.00	77.53 3.48 0.00	73.16 3.08 0.00	61.12 2.52 0.00	54.10 2.48 0.00	49.11 2.07 0.00	46.33 2.12 0.00

CHESTROR_138KV_BK263 355645	47.55 1.79 0.00	46.44 1.79 0.00	43.08 1.66 0.00	41.01 1.46 0.00	41.71 1.45 0.00	43.62 1.68 0.00	57.55 1.46 0.00	72.61 1.98 0.00	63.76 1.49 0.00	45.88 1.34 0.00	41.62 1.49 0.00	40.41 1.48 0.00	39.58 1.49 0.00	40.30 1.59 0.00	40.81 1.61 0.00	43.73 1.52 0.00	50.44 1.75 0.00	65.12 1.96 0.00	76.56 2.52 0.00	72.32 2.24 0.00	60.35 1.76 0.00	53.38 1.76 0.00	48.50 1.46 0.00	45.71 1.50 0.00
CH_MIDHUDSON___DRP 24192	47.60 1.83 0.00	46.44 1.79 0.00	43.12 1.70 0.00	41.01 1.46 0.00	41.75 1.49 0.00	43.62 1.68 0.00	57.55 1.46 0.00	72.61 1.98 0.00	63.76 1.49 0.00	45.88 1.34 0.00	41.58 1.44 0.00	40.37 1.44 0.00	39.54 1.45 0.00	40.30 1.59 0.00	40.77 1.57 0.00	43.77 1.56 0.00	50.49 1.80 0.00	65.18 2.02 0.00	76.71 2.67 0.00	72.39 2.31 0.00	60.47 1.88 0.00	53.43 1.81 0.00	48.54 1.51 0.00	45.75 1.55 0.00
CH_MISC_IPPS 23765	47.88 2.11 0.00	46.79 2.14 0.00	43.41 1.99 0.00	41.28 1.74 0.00	41.99 1.73 0.00	43.92 1.97 0.00	57.94 1.85 0.00	73.03 2.40 0.00	64.07 1.81 0.00	46.02 1.47 0.00	41.70 1.56 0.00	40.53 1.60 0.00	39.69 1.60 0.00	40.46 1.74 0.00	40.97 1.77 0.00	43.94 1.73 0.00	50.73 2.04 0.00	65.56 2.40 0.00	77.16 3.11 0.00	72.89 2.81 0.00	60.82 2.23 0.00	53.84 2.22 0.00	48.82 1.79 0.00	46.02 1.81 0.00
CH_RES_BVR_FALLS 23983	45.82 0.05 0.00	44.74 0.09 0.00	41.50 0.08 0.00	39.63 0.08 0.00	40.34 0.08 0.00	41.99 0.04 0.00	56.26 0.17 0.00	70.77 0.14 0.00	62.39 0.12 0.00	44.64 0.09 0.00	40.22 0.08 0.00	39.05 0.12 0.00	38.17 0.08 0.00	38.72 0.00 0.00	39.24 0.04 0.00	42.25 0.04 0.00	48.73 0.05 0.00	63.35 0.19 0.00	74.19 0.15 0.00	70.36 0.28 0.00	58.77 0.18 0.00	51.78 0.16 0.00	47.23 0.19 0.00	44.34 0.13 0.00
CH_RES_NIAGARA 23895	44.72 -1.05 0.00	43.18 -1.47 0.00	40.38 -1.04 0.00	38.80 -0.75 0.00	39.49 -0.76 0.00	40.73 -1.22 0.00	54.13 -1.96 0.00	68.51 -2.12 0.00	61.14 -1.12 0.00	44.90 0.36 0.00	40.10 -0.04 0.00	39.05 0.12 0.00	38.36 0.27 0.00	38.91 0.19 0.00	39.24 0.04 0.00	41.41 -0.80 0.00	46.40 -2.29 0.00	59.25 -3.92 0.00	69.38 -4.66 0.00	66.02 -4.06 0.00	55.14 -3.46 0.00	49.40 -2.22 0.00	45.20 -1.83 0.00	42.48 -1.72 0.00
CH_RES_SYRACUSE 23985	45.81 -0.23 -0.27	44.48 -0.31 -0.14	41.17 -0.25 0.00	39.31 -0.24 0.00	40.06 -0.20 0.00	41.70 -0.25 0.00	55.87 -0.22 0.00	70.42 -0.21 0.00	62.26 0.00 0.00	44.59 0.04 0.00	40.14 0.00 0.00	38.85 -0.08 0.00	38.01 -0.08 0.00	38.72 0.00 0.00	39.09 -0.12 0.00	42.09 -0.13 0.00	48.54 -0.15 0.00	62.85 -0.31 0.00	74.23 -0.29 -0.48	69.73 -0.35 0.00	58.25 -0.35 0.00	51.21 -0.41 0.00	46.76 -0.28 0.00	43.85 -0.36 0.00
CLINTON_WT_PWR 323605	46.13 0.36 0.00	45.01 0.36 0.00	41.71 0.29 0.00	39.86 0.31 0.00	40.54 0.28 0.00	42.20 0.25 0.00	56.49 0.40 0.00	70.92 0.28 0.00	62.64 0.38 0.00	44.99 0.45 0.00	40.54 0.40 0.00	39.40 0.47 0.00	38.47 0.38 0.00	38.95 0.23 0.00	39.52 0.31 0.00	42.59 0.38 0.00	48.93 0.24 0.00	63.79 0.63 0.00	74.64 0.59 0.00	70.99 0.91 0.00	59.30 0.71 0.00	52.19 0.57 0.00	47.79 0.75 0.00	44.82 0.62 0.00
CLINTON___LFGE 323618	46.55 0.78 0.00	45.41 0.76 0.00	42.04 0.62 0.00	40.22 0.67 0.00	40.90 0.64 0.00	42.58 0.63 0.00	56.94 0.84 0.00	71.34 0.71 0.00	63.07 0.81 0.00	45.39 0.84 0.00	40.86 0.72 0.00	39.78 0.86 0.00	38.85 0.76 0.00	39.26 0.54 0.00	39.87 0.67 0.00	42.97 0.76 0.00	49.32 0.63 0.00	64.49 1.33 0.00	75.30 1.26 0.00	71.69 1.61 0.00	59.88 1.29 0.00	52.60 0.98 0.00	48.35 1.32 0.00	45.26 1.06 0.00
COBBLENY_34_KV_TB1 80064	46.04 0.27 0.00	44.56 -0.09 0.00	41.63 0.21 0.00	39.98 0.44 0.00	40.70 0.44 0.00	42.07 0.13 0.00	56.04 -0.06 0.00	70.77 0.14 0.00	63.07 0.81 0.00	46.24 1.69 0.00	41.22 1.08 0.00	40.10 1.17 0.00	39.35 1.26 0.00	39.96 1.24 0.00	40.30 1.10 0.00	42.63 0.42 0.00	47.96 -0.73 0.00	61.58 -1.58 0.00	72.19 -1.85 0.00	68.68 -1.40 0.00	57.19 -1.41 0.00	51.11 -0.52 0.00	46.71 -0.33 0.00	43.81 -0.40 0.00
COFFEEN___115KV_TB3 355620	47.60 1.56 -0.27	46.58 1.79 -0.14	42.95 1.53 0.00	40.97 1.42 0.00	41.83 1.57 0.00	43.37 1.43 0.00	58.51 2.41 0.00	73.60 2.97 0.00	64.82 2.55 0.00	45.62 1.07 0.00	40.82 0.68 0.00	39.36 0.43 0.00	38.32 0.23 0.00	38.79 0.08 0.00	39.20 0.00 0.00	42.63 0.42 0.00	49.51 0.83 0.00	64.99 1.83 0.00	77.35 2.81 -0.49	73.37 3.29 0.00	61.17 2.58 0.00	54.26 2.63 0.00	49.25 2.21 0.00	45.93 1.72 0.00
COLDSPRG_115KV_BK1 355956	46.87 1.10 0.00	45.45 0.80 0.00	42.50 1.08 0.00	40.77 1.23 0.00	41.55 1.29 0.00	43.08 1.13 0.00	57.44 1.35 0.00	72.40 1.77 0.00	64.44 2.18 0.00	47.09 2.54 0.00	41.94 1.81 0.00	40.76 1.83 0.00	39.92 1.83 0.00	40.73 2.01 0.00	40.97 1.76 0.00	43.44 1.22 0.00	48.93 0.24 0.00	63.10 -0.06 0.00	73.97 -0.07 0.00	70.22 0.14 0.00	58.48 -0.12 0.00	52.14 0.52 0.00	47.56 0.52 0.00	44.74 0.53 0.00
COLONIE_LFGE___ 323577	46.68 0.92 0.00	45.54 0.89 0.00	42.17 0.75 0.00	40.26 0.71 0.00	41.02 0.76 0.00	42.87 0.92 0.00	57.27 1.18 0.00	72.12 1.49 0.00	63.32 1.06 0.00	44.77 0.22 0.00	40.34 0.20 0.00	39.05 0.12 0.00	38.17 0.08 0.00	38.87 0.16 0.00	39.44 0.24 0.00	42.76 0.55 0.00	49.56 0.88 0.00	64.55 1.39 0.00	75.90 1.85 0.00	71.62 1.54 0.00	59.94 1.35 0.00	52.60 0.98 0.00	47.74 0.71 0.00	45.04 0.84 0.00
COOPERNY_115KV_TB1 80082	47.19 1.42 0.00	46.08 1.43 0.00	42.75 1.33 0.00	40.73 1.19 0.00	41.47 1.21 0.00	43.29 1.34 0.00	57.33 1.23 0.00	72.26 1.62 0.00	63.57 1.31 0.00	45.71 1.16 0.00	41.34 1.20 0.00	40.14 1.21 0.00	39.31 1.22 0.00	40.00 1.28 0.00	40.46 1.25 0.00	43.44 1.22 0.00	50.10 1.41 0.00	64.68 1.52 0.00	75.97 1.93 0.00	71.83 1.75 0.00	60.00 1.41 0.00	53.02 1.39 0.00	48.21 1.18 0.00	45.40 1.19 0.00
COPENHAGEN_WT_PWR 323753	47.20 1.14 -0.29	46.14 1.34 -0.15	42.58 1.16 0.00	40.61 1.07 0.00	41.43 1.17 0.00	43.00 1.05 0.00	57.89 1.79 0.00	72.82 2.19 0.00	64.20 1.93 0.00	45.35 0.80 0.00	40.62 0.48 0.00	39.16 0.23 0.00	38.17 0.08 0.00	38.64 -0.08 0.00	39.05 -0.16 0.00	42.42 0.21 0.00	49.17 0.49 0.00	64.43 1.26 0.00	76.56 2.00 -0.51	72.53 2.45 0.00	60.47 1.87 0.00	53.58 1.96 0.00	48.73 1.69 0.00	45.49 1.28 0.00
CORNELL_____ 23752	46.69 0.92 0.00	45.50 0.85 0.00	42.25 0.83 0.00	40.38 0.83 0.00	41.11 0.85 0.00	42.83 0.88 0.00	57.33 1.23 0.00	72.33 1.70 0.00	63.95 1.68 0.00	45.71 1.16 0.00	41.02 0.88 0.00	39.67 0.74 0.00	38.78 0.69 0.00	39.49 0.77 0.00	39.87 0.67 0.00	43.01 0.80 0.00	49.61 0.93 0.00	64.43 1.26 0.00	75.75 1.70 0.00	71.69 1.61 0.00	59.77 1.17 0.00	52.66 1.03 0.00	48.03 0.99 0.00	44.91 0.71 0.00

CORONA_69_KV_TB1 355595	48.06 2.24 -0.05	46.44 1.74 -0.05	43.20 1.74 -0.04	41.01 1.46 0.00	41.71 1.45 0.00	43.46 1.51 0.00	56.24 0.90 0.75	69.93 1.34 2.04	61.96 1.00 1.30	45.88 1.34 0.00	42.32 2.13 -0.05	40.97 1.99 -0.05	40.12 1.98 -0.05	40.94 2.17 -0.05	41.45 2.20 -0.05	44.54 2.28 -0.05	50.43 1.75 0.01	64.99 1.83 0.01	76.48 2.44 0.01	72.18 2.10 0.01	60.23 1.64 0.01	53.37 1.76 0.01	48.18 1.22 0.08	45.62 1.41 0.00
CORTLAND_115KV_TB3 80093	46.27 0.50 0.00	45.10 0.45 0.00	41.92 0.50 0.00	40.02 0.47 0.00	40.74 0.48 0.00	42.45 0.50 0.00	56.82 0.73 0.00	71.62 0.99 0.00	63.26 1.00 0.00	45.26 0.71 0.00	40.70 0.56 0.00	39.36 0.43 0.00	38.51 0.42 0.00	39.18 0.46 0.00	39.60 0.39 0.00	42.63 0.42 0.00	49.17 0.49 0.00	63.79 0.63 0.00	74.93 0.89 0.00	70.92 0.84 0.00	59.12 0.53 0.00	52.19 0.57 0.00	47.51 0.47 0.00	44.56 0.35 0.00
COXSACKIE___GT 23611	47.42 1.65 0.00	46.21 1.56 0.00	42.95 1.53 0.00	40.89 1.35 0.00	42.31 2.05 0.00	44.34 2.39 0.00	58.79 2.69 0.00	74.02 3.39 0.00	64.20 1.93 0.00	44.86 0.31 0.00	40.22 0.08 0.00	38.85 -0.08 0.00	38.05 -0.04 0.00	38.83 0.12 0.00	39.48 0.28 0.00	42.85 0.63 0.00	49.42 0.73 0.00	65.18 2.02 0.00	77.08 3.04 0.00	72.81 2.73 0.00	60.65 2.05 0.00	53.32 1.70 0.00	48.40 1.36 0.00	45.53 1.32 0.00
CPV_VALLEY___CC1 323721	47.55 1.78 0.00	46.44 1.79 0.00	43.03 1.61 0.00	40.97 1.42 0.00	41.67 1.41 0.00	43.58 1.63 0.00	57.55 1.46 0.00	72.61 1.97 0.00	63.70 1.43 0.00	45.93 1.38 0.00	41.66 1.52 0.00	40.49 1.56 0.00	39.62 1.53 0.00	40.34 1.63 0.00	40.85 1.65 0.00	43.82 1.60 0.00	50.49 1.80 0.00	65.12 1.96 0.00	76.49 2.44 0.00	72.18 2.10 0.00	60.30 1.70 0.00	53.43 1.81 0.00	48.45 1.41 0.00	45.71 1.50 0.00
CPV_VALLEY___CC2 323722	47.55 1.78 0.00	46.44 1.79 0.00	43.03 1.61 0.00	40.97 1.42 0.00	41.67 1.41 0.00	43.58 1.63 0.00	57.55 1.46 0.00	72.61 1.97 0.00	63.70 1.43 0.00	45.93 1.38 0.00	41.66 1.52 0.00	40.49 1.56 0.00	39.62 1.53 0.00	40.34 1.63 0.00	40.85 1.65 0.00	43.82 1.60 0.00	50.49 1.80 0.00	65.12 1.96 0.00	76.49 2.44 0.00	72.18 2.10 0.00	60.30 1.70 0.00	53.43 1.81 0.00	48.45 1.41 0.00	45.71 1.50 0.00
CRESCENT___HYD 24018	46.68 0.92 0.00	45.54 0.89 0.00	42.17 0.75 0.00	40.26 0.71 0.00	41.02 0.76 0.00	42.87 0.92 0.00	57.27 1.18 0.00	72.12 1.49 0.00	63.32 1.06 0.00	44.77 0.22 0.00	40.34 0.20 0.00	39.05 0.12 0.00	38.17 0.08 0.00	38.87 0.16 0.00	39.44 0.24 0.00	42.76 0.55 0.00	49.56 0.88 0.00	64.55 1.39 0.00	75.90 1.85 0.00	71.62 1.54 0.00	59.94 1.35 0.00	52.60 0.98 0.00	47.74 0.71 0.00	45.04 0.84 0.00
CRICKET___VALLEY_CC1 323756	47.01 1.24 0.00	45.95 1.30 0.00	42.54 1.12 0.00	40.49 0.95 0.00	41.19 0.93 0.00	43.08 1.13 0.00	56.82 0.73 0.00	71.69 1.06 0.00	62.95 0.69 0.00	45.39 0.84 0.00	41.18 1.04 0.00	40.02 1.09 0.00	39.20 1.11 0.00	39.88 1.16 0.00	40.38 1.17 0.00	43.35 1.14 0.00	49.95 1.26 0.00	64.36 1.20 0.00	75.67 1.63 0.00	71.41 1.33 0.00	59.65 1.06 0.00	52.86 1.24 0.00	47.93 0.89 0.00	45.22 1.02 0.00
CRICKET___VALLEY_CC2 323757	47.01 1.24 0.00	45.95 1.30 0.00	42.54 1.12 0.00	40.49 0.95 0.00	41.19 0.93 0.00	43.08 1.13 0.00	56.82 0.73 0.00	71.69 1.06 0.00	62.95 0.69 0.00	45.39 0.84 0.00	41.18 1.04 0.00	40.02 1.09 0.00	39.20 1.11 0.00	39.88 1.16 0.00	40.38 1.17 0.00	43.35 1.14 0.00	49.95 1.26 0.00	64.36 1.20 0.00	75.67 1.63 0.00	71.41 1.33 0.00	59.65 1.06 0.00	52.86 1.24 0.00	47.93 0.89 0.00	45.22 1.02 0.00
CRICKET___VALLEY_CC3 323758	47.01 1.24 0.00	45.95 1.30 0.00	42.54 1.12 0.00	40.49 0.95 0.00	41.19 0.93 0.00	43.08 1.13 0.00	56.82 0.73 0.00	71.69 1.06 0.00	62.95 0.69 0.00	45.39 0.84 0.00	41.18 1.04 0.00	40.02 1.09 0.00	39.20 1.11 0.00	39.88 1.16 0.00	40.38 1.17 0.00	43.35 1.14 0.00	49.95 1.26 0.00	64.36 1.20 0.00	75.67 1.63 0.00	71.41 1.33 0.00	59.65 1.06 0.00	52.86 1.24 0.00	47.93 0.89 0.00	45.22 1.02 0.00
CRUCIBLE_METL_DRP 24180	45.81 -0.23 -0.27	44.48 -0.31 -0.14	41.17 -0.25 0.00	39.31 -0.24 0.00	40.06 -0.20 0.00	41.69 -0.25 0.00	55.87 -0.22 0.00	70.35 -0.28 0.00	62.26 0.00 0.00	44.59 0.04 0.00	40.14 0.00 0.00	38.85 -0.08 0.00	38.01 -0.08 0.00	38.72 0.00 0.00	39.09 -0.12 0.00	42.09 -0.13 0.00	48.54 -0.15 0.00	62.85 -0.32 0.00	74.23 -0.30 -0.48	69.80 -0.28 0.00	58.24 -0.35 0.00	51.31 -0.31 0.00	46.76 -0.28 0.00	43.85 -0.35 0.00
DAHOWA___HYDRO 323763	47.23 1.46 0.00	46.04 1.39 0.00	42.71 1.29 0.00	40.77 1.23 0.00	41.43 1.17 0.00	43.29 1.34 0.00	57.72 1.63 0.00	72.96 2.33 0.00	63.82 1.56 0.00	45.04 0.49 0.00	40.38 0.24 0.00	39.01 0.08 0.00	38.13 0.04 0.00	38.83 0.12 0.00	39.48 0.28 0.00	42.89 0.67 0.00	49.76 1.07 0.00	65.12 1.96 0.00	76.64 2.59 0.00	72.32 2.24 0.00	60.47 1.87 0.00	53.12 1.50 0.00	48.31 1.27 0.00	45.49 1.28 0.00
DANC___LFGE 323619	46.55 0.41 -0.37	45.33 0.49 -0.19	41.83 0.41 0.00	39.94 0.40 0.00	40.70 0.44 0.00	42.32 0.38 0.00	56.82 0.73 0.00	71.55 0.92 0.00	63.14 0.87 0.00	44.82 0.27 0.00	40.22 0.08 0.00	38.85 -0.08 0.00	37.90 -0.19 0.00	38.45 -0.27 0.00	38.85 -0.35 0.00	42.04 -0.17 0.00	48.69 0.00 0.00	63.42 0.25 0.00	75.44 0.74 -0.65	71.06 0.98 0.00	59.30 0.71 0.00	52.45 0.82 0.00	47.74 0.71 0.00	44.65 0.44 0.00
DANSKAMMER___1 23586	47.88 2.11 0.00	46.79 2.14 0.00	43.41 1.99 0.00	41.28 1.74 0.00	41.99 1.73 0.00	43.92 1.97 0.00	57.94 1.85 0.00	73.03 2.40 0.00	64.07 1.81 0.00	46.02 1.47 0.00	41.70 1.56 0.00	40.53 1.60 0.00	39.69 1.60 0.00	40.46 1.74 0.00	40.97 1.77 0.00	43.94 1.73 0.00	50.73 2.04 0.00	65.56 2.40 0.00	77.16 3.11 0.00	72.89 2.81 0.00	60.82 2.23 0.00	53.84 2.22 0.00	48.82 1.79 0.00	46.02 1.81 0.00
DANSKAMMER___2 23589	47.88 2.11 0.00	46.79 2.14 0.00	43.41 1.99 0.00	41.28 1.74 0.00	41.99 1.73 0.00	43.92 1.97 0.00	57.94 1.85 0.00	73.03 2.40 0.00	64.07 1.81 0.00	46.02 1.47 0.00	41.70 1.56 0.00	40.53 1.60 0.00	39.69 1.60 0.00	40.46 1.74 0.00	40.97 1.77 0.00	43.94 1.73 0.00	50.73 2.04 0.00	65.56 2.40 0.00	77.16 3.11 0.00	72.89 2.81 0.00	60.82 2.23 0.00	53.84 2.22 0.00	48.82 1.79 0.00	46.02 1.81 0.00
DANSKAMMER___3 23590	47.88 2.11 0.00	46.79 2.14 0.00	43.41 1.99 0.00	41.28 1.74 0.00	41.99 1.73 0.00	43.92 1.97 0.00	57.94 1.85 0.00	73.03 2.40 0.00	64.07 1.81 0.00	46.02 1.47 0.00	41.70 1.56 0.00	40.53 1.60 0.00	39.69 1.60 0.00	40.46 1.74 0.00	40.97 1.77 0.00	43.94 1.73 0.00	50.73 2.04 0.00	65.56 2.40 0.00	77.16 3.11 0.00	72.89 2.81 0.00	60.82 2.23 0.00	53.84 2.22 0.00	48.82 1.79 0.00	46.02 1.81 0.00

DANSKAMMER___4 23591	47.88 2.11 0.00	46.79 2.14 0.00	43.41 1.99 0.00	41.28 1.74 0.00	41.99 1.73 0.00	43.92 1.97 0.00	57.94 1.85 0.00	73.03 2.40 0.00	64.07 1.81 0.00	46.02 1.47 0.00	41.70 1.56 0.00	40.53 1.60 0.00	39.69 1.60 0.00	40.46 1.74 0.00	40.97 1.77 0.00	43.94 1.73 0.00	50.73 2.04 0.00	65.56 2.40 0.00	77.16 3.11 0.00	72.89 2.81 0.00	60.82 2.23 0.00	53.84 2.22 0.00	48.82 1.79 0.00	46.02 1.81 0.00
DANSKAMMER___DIESEL 23592	47.88 2.11 0.00	46.75 2.10 0.00	43.41 1.99 0.00	41.29 1.74 0.00	41.99 1.73 0.00	43.92 1.97 0.00	57.89 1.79 0.00	72.96 2.33 0.00	64.07 1.81 0.00	46.02 1.47 0.00	41.70 1.57 0.00	40.53 1.60 0.00	39.69 1.60 0.00	40.46 1.74 0.00	40.97 1.76 0.00	43.94 1.73 0.00	50.73 2.04 0.00	65.56 2.40 0.00	77.16 3.11 0.00	72.88 2.80 0.00	60.82 2.23 0.00	53.74 2.12 0.00	48.83 1.79 0.00	46.02 1.81 0.00
DARBY___SOLAR 323810	47.14 1.37 0.00	45.95 1.30 0.00	42.58 1.16 0.00	40.65 1.11 0.00	41.35 1.09 0.00	43.20 1.26 0.00	57.61 1.52 0.00	72.75 2.12 0.00	63.70 1.43 0.00	44.95 0.40 0.00	40.34 0.20 0.00	38.97 0.04 0.00	38.09 0.00 0.00	38.83 0.12 0.00	39.44 0.24 0.00	42.85 0.63 0.00	49.71 1.02 0.00	65.00 1.83 0.00	76.49 2.44 0.00	72.11 2.03 0.00	60.30 1.70 0.00	53.02 1.39 0.00	48.21 1.18 0.00	45.40 1.19 0.00
DASHVILLE___HYD 23610	47.60 1.83 0.00	46.48 1.83 0.00	43.16 1.74 0.00	41.05 1.50 0.00	41.83 1.57 0.00	43.67 1.72 0.00	57.55 1.46 0.00	72.47 1.84 0.00	63.57 1.31 0.00	45.66 1.11 0.00	41.34 1.20 0.00	40.14 1.21 0.00	39.31 1.22 0.00	40.07 1.36 0.00	40.58 1.37 0.00	43.52 1.31 0.00	50.24 1.56 0.00	64.99 1.83 0.00	76.49 2.44 0.00	72.32 2.24 0.00	60.30 1.70 0.00	53.33 1.70 0.00	48.50 1.46 0.00	45.75 1.55 0.00
DELAWARE___LFGE 323621	46.91 1.14 0.00	45.90 1.25 0.00	42.58 1.16 0.00	40.61 1.07 0.00	41.35 1.09 0.00	43.08 1.13 0.00	57.38 1.29 0.00	72.33 1.70 0.00	63.70 1.43 0.00	45.57 1.02 0.00	41.10 0.96 0.00	39.82 0.90 0.00	39.00 0.91 0.00	39.69 0.97 0.00	40.10 0.90 0.00	43.23 1.01 0.00	49.85 1.17 0.00	64.55 1.39 0.00	75.67 1.63 0.00	71.69 1.61 0.00	59.89 1.29 0.00	52.91 1.29 0.00	48.12 1.08 0.00	45.22 1.02 0.00
DERFIELD_115KV_TB7 355931	45.91 0.14 0.00	44.83 0.18 0.00	41.59 0.17 0.00	39.67 0.12 0.00	40.42 0.16 0.00	42.11 0.17 0.00	56.21 0.11 0.00	70.84 0.21 0.00	62.39 0.12 0.00	44.59 0.04 0.00	40.18 0.04 0.00	38.97 0.04 0.00	38.13 0.04 0.00	38.76 0.04 0.00	39.24 0.04 0.00	42.30 0.08 0.00	48.78 0.10 0.00	63.29 0.13 0.00	74.27 0.22 0.00	70.29 0.21 0.00	58.71 0.12 0.00	51.78 0.15 0.00	47.13 0.09 0.00	44.29 0.09 0.00
DOGLEVILLE___HYD 23807	48.24 2.47 0.00	47.15 2.50 0.00	43.74 2.32 0.00	41.72 2.18 0.00	42.51 2.25 0.00	44.30 2.35 0.00	59.12 3.03 0.00	74.45 3.81 0.00	65.63 3.36 0.00	46.86 2.32 0.00	42.27 2.13 0.00	40.91 1.99 0.00	39.99 1.90 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.28 2.07 0.00	51.02 2.34 0.00	66.32 3.16 0.00	77.82 3.78 0.00	73.65 3.57 0.00	61.58 2.99 0.00	54.41 2.79 0.00	49.53 2.49 0.00	46.59 2.39 0.00
DUNKIRK__115KV_TB_200 55889	46.50 0.73 0.00	45.01 0.36 0.00	42.08 0.66 0.00	40.42 0.87 0.00	41.19 0.93 0.00	42.62 0.67 0.00	56.77 0.67 0.00	71.69 1.06 0.00	63.70 1.43 0.00	46.64 2.09 0.00	41.58 1.44 0.00	40.45 1.52 0.00	39.65 1.56 0.00	40.38 1.66 0.00	40.69 1.49 0.00	43.06 0.84 0.00	48.49 -0.19 0.00	62.28 -0.88 0.00	73.01 -1.04 0.00	69.38 -0.70 0.00	57.83 -0.76 0.00	51.67 0.05 0.00	47.18 0.14 0.00	44.34 0.13 0.00
DUNKIRK___1 23563	46.50 0.73 0.00	45.01 0.36 0.00	42.08 0.66 0.00	40.42 0.87 0.00	41.19 0.93 0.00	42.62 0.67 0.00	56.77 0.67 0.00	71.69 1.06 0.00	63.70 1.43 0.00	46.64 2.09 0.00	41.58 1.44 0.00	40.45 1.52 0.00	39.65 1.56 0.00	40.38 1.66 0.00	40.69 1.49 0.00	43.06 0.84 0.00	48.49 -0.19 0.00	62.28 -0.88 0.00	73.01 -1.04 0.00	69.38 -0.70 0.00	57.83 -0.76 0.00	51.67 0.05 0.00	47.18 0.14 0.00	44.34 0.13 0.00
DUNKIRK___2 23564	46.50 0.73 0.00	45.01 0.36 0.00	42.08 0.66 0.00	40.42 0.87 0.00	41.19 0.93 0.00	42.62 0.67 0.00	56.77 0.67 0.00	71.69 1.06 0.00	63.70 1.43 0.00	46.64 2.09 0.00	41.58 1.44 0.00	40.45 1.52 0.00	39.65 1.56 0.00	40.38 1.66 0.00	40.69 1.49 0.00	43.06 0.84 0.00	48.49 -0.19 0.00	62.28 -0.88 0.00	73.01 -1.04 0.00	69.38 -0.70 0.00	57.83 -0.76 0.00	51.67 0.05 0.00	47.18 0.14 0.00	44.34 0.13 0.00
DUNKIRK___3 23565	46.27 0.50 0.00	44.79 0.13 0.00	41.83 0.41 0.00	40.18 0.63 0.00	40.94 0.68 0.00	42.37 0.42 0.00	56.43 0.34 0.00	71.20 0.57 0.00	63.32 1.06 0.00	46.33 1.78 0.00	41.30 1.16 0.00	40.21 1.28 0.00	39.42 1.33 0.00	40.11 1.39 0.00	40.42 1.22 0.00	42.80 0.59 0.00	48.20 -0.49 0.00	61.90 -1.26 0.00	72.56 -1.48 0.00	68.96 -1.12 0.00	57.48 -1.11 0.00	51.31 -0.31 0.00	46.90 -0.14 0.00	44.07 -0.13 0.00
DUNKIRK___4 23566	46.27 0.50 0.00	44.79 0.13 0.00	41.83 0.41 0.00	40.18 0.63 0.00	40.94 0.68 0.00	42.37 0.42 0.00	56.43 0.34 0.00	71.20 0.57 0.00	63.32 1.06 0.00	46.33 1.78 0.00	41.30 1.16 0.00	40.21 1.28 0.00	39.42 1.33 0.00	40.11 1.39 0.00	40.42 1.22 0.00	42.80 0.59 0.00	48.20 -0.49 0.00	61.90 -1.26 0.00	72.56 -1.48 0.00	68.96 -1.12 0.00	57.48 -1.11 0.00	51.31 -0.31 0.00	46.90 -0.14 0.00	44.07 -0.13 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.88 2.11 0.00	46.71 2.05 0.00	43.28 1.86 0.00	41.21 1.66 0.00	41.91 1.65 0.00	43.79 1.85 0.00	57.78 1.68 0.00	72.89 2.26 0.00	64.13 1.87 0.00	46.33 1.78 0.00	42.06 1.93 0.00	40.88 1.95 0.00	40.03 1.94 0.00	40.77 2.05 0.00	41.24 2.04 0.00	44.20 1.98 0.00	50.92 2.24 0.00	65.56 2.40 0.00	77.08 3.04 0.00	72.74 2.66 0.00	60.76 2.17 0.00	53.74 2.12 0.00	48.73 1.69 0.00	45.97 1.77 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.78 2.01 0.00	46.62 1.96 0.00	43.28 1.86 0.00	41.17 1.62 0.00	41.87 1.61 0.00	43.79 1.85 0.00	57.78 1.68 0.00	72.82 2.19 0.00	63.95 1.68 0.00	46.02 1.47 0.00	41.70 1.57 0.00	40.49 1.56 0.00	39.69 1.60 0.00	40.42 1.70 0.00	40.93 1.72 0.00	43.86 1.65 0.00	50.63 1.95 0.00	65.37 2.21 0.00	76.93 2.89 0.00	72.67 2.59 0.00	60.59 1.99 0.00	53.58 1.96 0.00	48.68 1.65 0.00	45.89 1.68 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	48.30 2.52 -0.01	47.07 2.41 -0.01	43.62 2.20 -0.01	41.53 1.98 -0.01	42.20 1.93 -0.01	44.09 2.14 -0.01	58.00 1.91 0.00	73.03 2.40 0.00	64.19 1.93 0.00	46.55 2.00 0.00	42.26 2.13 0.01	41.10 2.18 0.01	40.25 2.17 0.01	40.95 2.25 0.01	41.47 2.27 0.01	44.40 2.20 0.01	51.21 2.53 0.01	65.82 2.65 0.00	77.23 3.18 0.00	72.81 2.73 0.00	60.88 2.29 0.00	53.95 2.32 0.00	49.02 1.98 -0.01	46.25 2.03 -0.01

ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.86 0.09 0.00	44.34 -0.31 0.00	41.46 0.04 0.00	39.78 0.24 0.00	40.54 0.28 0.00	41.86 -0.08 0.00	55.70 -0.39 0.00	70.35 -0.28 0.00	62.70 0.44 0.00	45.97 1.43 0.00	41.02 0.88 0.00	39.94 1.01 0.00	39.19 1.10 0.00	39.80 1.08 0.00	40.14 0.94 0.00	42.42 0.21 0.00	47.71 -0.97 0.00	61.14 -2.02 0.00	71.60 -2.44 0.00	68.12 -1.96 0.00	56.78 -1.82 0.00	50.80 -0.83 0.00	46.43 -0.61 0.00	43.59 -0.62 0.00
EMPIRE_CC_1 323656	45.86 0.09 0.00	44.74 0.09 0.00	41.42 0.00 0.00	39.59 0.04 0.00	40.34 0.08 0.00	42.28 0.33 0.00	56.26 0.17 0.00	70.70 0.07 0.00	62.14 -0.12 0.00	44.10 -0.45 0.00	39.74 -0.40 0.00	38.54 -0.39 0.00	37.71 -0.38 0.00	38.37 -0.35 0.00	38.93 -0.27 0.00	42.17 -0.04 0.00	48.78 0.10 0.00	63.35 0.19 0.00	74.49 0.45 0.00	70.29 0.21 0.00	58.89 0.29 0.00	51.73 0.10 0.00	46.85 -0.19 0.00	44.29 0.09 0.00
EMPIRE_CC_2 323658	45.86 0.09 0.00	44.74 0.09 0.00	41.42 0.00 0.00	39.59 0.04 0.00	40.34 0.08 0.00	42.28 0.33 0.00	56.26 0.17 0.00	70.70 0.07 0.00	62.14 -0.12 0.00	44.10 -0.45 0.00	39.74 -0.40 0.00	38.54 -0.39 0.00	37.71 -0.38 0.00	38.37 -0.35 0.00	38.93 -0.27 0.00	42.17 -0.04 0.00	48.78 0.10 0.00	63.35 0.19 0.00	74.49 0.45 0.00	70.29 0.21 0.00	58.89 0.29 0.00	51.73 0.10 0.00	46.85 -0.19 0.00	44.29 0.09 0.00
ENORWICH_115KV_TB1 80156	48.74 2.98 0.00	47.82 3.17 0.00	44.36 2.94 0.00	42.31 2.77 0.00	43.20 2.94 0.00	44.92 2.98 0.00	60.47 4.38 0.00	76.35 5.72 0.00	67.43 5.17 0.00	47.67 3.12 0.00	42.63 2.49 0.00	41.15 2.22 0.00	40.22 2.13 0.00	40.85 2.13 0.00	41.16 1.96 0.00	44.66 2.45 0.00	51.80 3.12 0.00	67.71 4.55 0.00	79.75 5.70 0.00	75.83 5.75 0.00	63.11 4.51 0.00	55.60 3.97 0.00	50.57 3.53 0.00	47.26 3.05 0.00
ERIE_ST__34_KV_TB1-2 80199	45.95 0.18 0.00	44.47 -0.18 0.00	41.54 0.12 0.00	39.90 0.36 0.00	40.62 0.36 0.00	42.03 0.08 0.00	56.04 -0.06 0.00	70.56 -0.07 0.00	62.82 0.56 0.00	46.02 1.47 0.00	41.06 0.92 0.00	39.94 1.01 0.00	39.19 1.10 0.00	39.80 1.08 0.00	40.14 0.94 0.00	42.47 0.25 0.00	47.81 -0.88 0.00	61.46 -1.71 0.00	72.05 -2.00 0.00	68.47 -1.61 0.00	57.07 -1.52 0.00	50.95 -0.67 0.00	46.52 -0.52 0.00	43.72 -0.49 0.00
ERIE_WT_PWR 323693	46.05 0.28 0.00	44.38 -0.27 0.00	41.63 0.21 0.00	39.98 0.44 0.00	40.70 0.44 0.00	42.07 0.13 0.00	55.98 -0.11 0.00	70.99 0.35 0.00	63.01 0.75 0.00	46.15 1.60 0.00	41.14 1.00 0.00	39.94 1.01 0.00	39.31 1.22 0.00	39.96 1.24 0.00	40.26 1.06 0.00	42.51 0.30 0.00	47.96 -0.73 0.00	61.46 -1.70 0.00	72.05 -2.00 0.00	68.47 -1.61 0.00	57.13 -1.46 0.00	50.12 -1.50 0.00	46.66 -0.38 0.00	43.81 -0.40 0.00
ESPRGFLD_115KV_TB1 80157	46.87 1.10 0.00	45.77 1.12 0.00	42.46 1.04 0.00	40.50 0.95 0.00	41.23 0.97 0.00	42.95 1.01 0.00	57.38 1.29 0.00	72.54 1.91 0.00	63.32 1.06 0.00	44.82 0.27 0.00	40.14 0.00 0.00	38.85 -0.08 0.00	38.05 -0.04 0.00	38.79 0.08 0.00	39.28 0.08 0.00	42.59 0.38 0.00	49.37 0.68 0.00	64.49 1.33 0.00	75.90 1.85 0.00	71.83 1.75 0.00	59.89 1.29 0.00	53.02 1.39 0.00	48.17 1.13 0.00	45.13 0.93 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.64 0.87 0.00	45.41 0.76 0.00	42.17 0.75 0.00	40.30 0.75 0.00	41.02 0.76 0.00	42.74 0.80 0.00	57.27 1.18 0.00	72.19 1.55 0.00	63.82 1.56 0.00	45.62 1.07 0.00	40.94 0.80 0.00	39.59 0.66 0.00	38.74 0.65 0.00	39.41 0.70 0.00	39.79 0.59 0.00	42.93 0.72 0.00	49.56 0.88 0.00	64.30 1.14 0.00	75.60 1.55 0.00	71.55 1.47 0.00	59.65 1.05 0.00	52.55 0.93 0.00	47.93 0.89 0.00	44.87 0.66 0.00
ETNA____115KV_TB2 80207	46.64 0.87 0.00	45.41 0.76 0.00	42.17 0.75 0.00	40.30 0.75 0.00	41.02 0.76 0.00	42.74 0.80 0.00	57.27 1.18 0.00	72.19 1.55 0.00	63.82 1.56 0.00	45.62 1.07 0.00	40.94 0.80 0.00	39.59 0.66 0.00	38.74 0.65 0.00	39.41 0.70 0.00	39.79 0.59 0.00	42.93 0.72 0.00	49.56 0.88 0.00	64.30 1.14 0.00	75.60 1.55 0.00	71.55 1.47 0.00	59.65 1.05 0.00	52.55 0.93 0.00	47.93 0.89 0.00	44.87 0.66 0.00
EUCLID___115KV_TB2 356179	45.21 -0.69 -0.13	43.96 -0.76 -0.07	40.76 -0.66 0.00	38.95 -0.59 0.00	39.66 -0.60 0.00	41.28 -0.67 0.00	55.25 -0.84 0.00	69.64 -0.99 0.00	61.58 -0.68 0.00	44.10 -0.45 0.00	39.70 -0.44 0.00	38.46 -0.47 0.00	37.63 -0.46 0.00	38.29 -0.43 0.00	38.73 -0.47 0.00	41.62 -0.59 0.00	48.00 -0.68 0.00	62.15 -1.01 0.00	73.16 -1.11 -0.23	68.96 -1.12 0.00	57.60 -1.00 0.00	50.80 -0.83 0.00	46.29 -0.75 0.00	43.41 -0.80 0.00
E_CANADA_CAP_HY 24051	46.73 0.96 0.00	45.54 0.89 0.00	42.21 0.79 0.00	40.26 0.71 0.00	40.90 0.64 0.00	42.79 0.84 0.00	57.10 1.01 0.00	72.26 1.63 0.00	62.39 0.12 0.00	43.66 -0.89 0.00	38.94 -1.20 0.00	37.65 -1.28 0.00	36.87 -1.22 0.00	37.71 -1.01 0.00	38.38 -0.83 0.00	41.83 -0.38 0.00	48.69 0.00 0.00	64.11 0.95 0.00	75.53 1.48 0.00	71.41 1.33 0.00	59.59 1.00 0.00	52.76 1.13 0.00	47.98 0.94 0.00	44.91 0.71 0.00
E_CANADA_MHWK_HY 24050	48.24 2.47 0.00	47.15 2.50 0.00	43.74 2.32 0.00	41.72 2.17 0.00	42.51 2.25 0.00	44.29 2.35 0.00	59.12 3.03 0.00	74.44 3.81 0.00	65.62 3.36 0.00	46.86 2.32 0.00	42.26 2.13 0.00	40.91 1.98 0.00	39.99 1.90 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.28 2.07 0.00	51.02 2.34 0.00	66.32 3.16 0.00	77.82 3.77 0.00	73.65 3.57 0.00	61.58 2.99 0.00	54.36 2.73 0.00	49.53 2.49 0.00	46.59 2.39 0.00
E_FISHKILL___LBMP 23776	47.46 1.69 0.00	46.30 1.65 0.00	42.95 1.53 0.00	40.89 1.34 0.00	41.59 1.33 0.00	43.46 1.51 0.00	57.38 1.29 0.00	72.33 1.70 0.00	63.57 1.31 0.00	45.84 1.29 0.00	41.58 1.44 0.00	40.41 1.48 0.00	39.58 1.49 0.00	40.27 1.55 0.00	40.77 1.57 0.00	43.73 1.52 0.00	50.44 1.75 0.00	64.99 1.83 0.00	76.34 2.30 0.00	72.11 2.03 0.00	60.18 1.58 0.00	53.22 1.60 0.00	48.35 1.32 0.00	45.62 1.41 0.00
FALCON___SEABRD_CC1 323796	46.32 0.55 0.00	45.19 0.54 0.00	41.83 0.41 0.00	40.02 0.48 0.00	40.70 0.44 0.00	42.37 0.42 0.00	56.49 0.40 0.00	70.77 0.14 0.00	62.58 0.31 0.00	45.22 0.67 0.00	40.70 0.56 0.00	39.63 0.70 0.00	38.66 0.57 0.00	39.10 0.39 0.00	39.71 0.51 0.00	42.80 0.59 0.00	48.93 0.24 0.00	63.86 0.70 0.00	74.64 0.59 0.00	71.06 0.98 0.00	59.36 0.76 0.00	52.14 0.52 0.00	48.07 1.03 0.00	45.00 0.80 0.00
FALCON___SEABRD_CC2 323797	46.32 0.55 0.00	45.19 0.54 0.00	41.83 0.41 0.00	40.02 0.48 0.00	40.70 0.44 0.00	42.37 0.42 0.00	56.49 0.40 0.00	70.77 0.14 0.00	62.58 0.31 0.00	45.22 0.67 0.00	40.70 0.56 0.00	39.63 0.70 0.00	38.66 0.57 0.00	39.10 0.39 0.00	39.71 0.51 0.00	42.80 0.59 0.00	48.93 0.24 0.00	63.86 0.70 0.00	74.64 0.59 0.00	71.06 0.98 0.00	59.36 0.76 0.00	52.14 0.52 0.00	48.07 1.03 0.00	45.00 0.80 0.00

FAR ROCKAWAY___4 23548	48.39 2.56 -0.05	46.71 2.01 -0.05	43.45 1.99 -0.04	41.25 1.70 0.00	41.95 1.69 0.00	43.71 1.76 0.00	56.48 1.18 0.79	70.26 1.77 2.14	62.27 1.37 1.36	46.11 1.56 0.00	42.60 2.41 -0.05	41.20 2.22 -0.05	40.39 2.25 -0.05	41.21 2.44 -0.05	41.73 2.47 -0.05	44.84 2.57 -0.05	50.77 2.09 0.01	65.43 2.27 0.01	77.00 2.96 0.01	72.74 2.66 0.01	60.64 2.05 0.01	53.73 2.12 0.01	48.46 1.51 0.08	45.84 1.64 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.15 2.38 0.00	46.93 2.28 0.00	43.49 2.07 0.00	41.37 1.82 0.00	42.07 1.81 0.00	44.04 2.10 0.00	58.00 1.91 0.00	73.17 2.54 0.00	64.38 2.12 0.00	46.55 2.00 0.00	42.27 2.13 0.00	41.11 2.18 0.00	40.26 2.17 0.00	41.00 2.28 0.00	41.48 2.27 0.00	44.41 2.20 0.00	51.22 2.53 0.00	65.88 2.72 0.00	77.38 3.33 0.00	73.02 2.94 0.00	60.94 2.34 0.00	54.00 2.37 0.00	49.01 1.98 0.00	46.19 1.99 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.15 2.38 0.00	46.93 2.28 0.00	43.49 2.07 0.00	41.41 1.86 0.00	42.07 1.81 0.00	44.04 2.10 0.00	58.00 1.91 0.00	73.24 2.61 0.00	64.38 2.12 0.00	46.55 2.00 0.00	42.31 2.17 0.00	41.11 2.18 0.00	40.26 2.17 0.00	41.00 2.28 0.00	41.52 2.31 0.00	44.41 2.20 0.00	51.22 2.53 0.00	65.88 2.72 0.00	77.38 3.33 0.00	73.02 2.94 0.00	61.00 2.40 0.00	54.00 2.37 0.00	49.01 1.98 0.00	46.24 2.03 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.15 2.38 0.00	46.93 2.28 0.00	43.49 2.07 0.00	41.37 1.82 0.00	42.07 1.81 0.00	44.00 2.06 0.00	58.00 1.91 0.00	73.17 2.54 0.00	64.32 2.05 0.00	46.55 2.00 0.00	42.27 2.13 0.00	41.07 2.14 0.00	40.26 2.17 0.00	40.96 2.25 0.00	41.48 2.27 0.00	44.36 2.15 0.00	51.22 2.53 0.00	65.82 2.65 0.00	77.38 3.33 0.00	72.95 2.87 0.00	60.94 2.34 0.00	53.95 2.32 0.00	48.97 1.93 0.00	46.19 1.99 0.00
FARRAGUT___LBMP 323566	48.10 2.33 0.00	46.88 2.23 0.00	43.45 2.03 0.00	41.37 1.82 0.00	42.03 1.77 0.00	44.00 2.06 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.23 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.88 2.29 0.00	53.95 2.32 0.00	48.97 1.93 0.00	46.15 1.95 0.00
FENNER___WINDPWR 24204	46.73 0.96 0.00	45.63 0.98 0.00	42.37 0.95 0.00	40.42 0.87 0.00	41.19 0.93 0.00	42.91 0.97 0.00	57.50 1.40 0.00	72.46 1.83 0.00	63.88 1.62 0.00	45.53 0.98 0.00	40.94 0.80 0.00	39.59 0.66 0.00	38.70 0.61 0.00	39.33 0.62 0.00	39.75 0.55 0.00	42.93 0.72 0.00	49.56 0.88 0.00	64.43 1.26 0.00	75.75 1.70 0.00	71.76 1.68 0.00	59.88 1.29 0.00	52.76 1.13 0.00	48.07 1.03 0.00	45.09 0.88 0.00
FIBERTEK___ENERGY 23856	45.81 -0.23 -0.27	44.48 -0.31 -0.14	41.17 -0.25 0.00	39.31 -0.24 0.00	40.06 -0.20 0.00	41.69 -0.25 0.00	55.87 -0.22 0.00	70.35 -0.28 0.00	62.26 0.00 0.00	44.59 0.04 0.00	40.14 0.00 0.00	38.85 -0.08 0.00	38.01 -0.08 0.00	38.72 0.00 0.00	39.09 -0.12 0.00	42.09 -0.13 0.00	48.54 -0.15 0.00	62.85 -0.32 0.00	74.23 -0.30 -0.48	69.80 -0.28 0.00	58.24 -0.35 0.00	51.31 -0.31 0.00	46.76 -0.28 0.00	43.85 -0.35 0.00
FITZPATRICK___ 23598	42.00 -1.33 2.44	42.00 -1.38 1.27	40.18 -1.24 0.00	38.40 -1.15 0.00	39.09 -1.17 0.00	40.69 -1.26 0.00	54.46 -1.63 0.00	68.65 -1.98 0.00	60.65 -1.62 0.00	43.44 -1.11 0.00	39.09 -1.04 0.00	37.88 -1.05 0.00	37.06 -1.03 0.00	37.71 -1.01 0.00	38.15 -1.06 0.00	41.03 -1.18 0.00	47.27 -1.41 0.00	61.27 -1.89 0.00	67.49 -2.22 4.34	67.98 -2.10 0.00	56.84 -1.76 0.00	50.02 -1.60 0.00	45.63 -1.41 0.00	42.83 -1.37 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.97 2.20 0.00	46.79 2.14 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	58.00 1.91 0.00	73.03 2.40 0.00	64.13 1.87 0.00	46.06 1.51 0.00	41.74 1.61 0.00	40.53 1.60 0.00	39.73 1.64 0.00	40.50 1.78 0.00	41.01 1.80 0.00	43.99 1.77 0.00	50.78 2.09 0.00	65.69 2.53 0.00	77.23 3.18 0.00	73.02 2.94 0.00	60.88 2.29 0.00	53.79 2.17 0.00	48.87 1.83 0.00	46.06 1.86 0.00
FORT ORANGE___ 23900	45.95 0.18 0.00	44.88 0.22 0.00	41.55 0.12 0.00	39.67 0.12 0.00	42.15 1.89 0.00	44.13 2.18 0.00	58.56 2.47 0.00	73.81 3.18 0.00	64.13 1.87 0.00	45.04 0.49 0.00	40.38 0.24 0.00	39.01 0.08 0.00	38.17 0.08 0.00	38.95 0.23 0.00	39.56 0.35 0.00	42.93 0.72 0.00	48.69 0.00 0.00	63.35 0.19 0.00	74.49 0.45 0.00	70.36 0.28 0.00	58.83 0.24 0.00	51.78 0.16 0.00	46.99 -0.05 0.00	44.29 0.09 0.00
FORT_DRUM_COGEN 23780	47.35 1.33 -0.26	46.30 1.52 -0.13	42.75 1.33 0.00	40.77 1.23 0.00	41.59 1.33 0.00	43.16 1.22 0.00	58.17 2.08 0.00	73.10 2.47 0.00	64.44 2.18 0.00	45.44 0.89 0.00	40.70 0.56 0.00	39.24 0.31 0.00	38.20 0.11 0.00	38.68 -0.04 0.00	39.09 -0.12 0.00	42.47 0.25 0.00	49.22 0.54 0.00	64.62 1.45 0.00	76.80 2.30 -0.46	72.81 2.73 0.00	60.71 2.11 0.00	53.89 2.27 0.00	48.92 1.88 0.00	45.66 1.46 0.00
FOX_HILLS___ESR 323835	48.62 2.84 -0.01	47.38 2.72 -0.01	43.96 2.53 -0.01	41.85 2.29 -0.01	42.56 2.29 -0.01	44.56 2.60 -0.01	58.63 2.52 -0.01	73.89 3.25 -0.01	64.88 2.62 0.00	47.00 2.45 0.00	42.63 2.49 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.56 -0.01	41.80 2.59 -0.01	44.80 2.57 -0.01	51.61 2.92 -0.01	66.57 3.41 0.00	78.20 4.15 -0.01	73.73 3.64 -0.01	61.64 3.05 0.00	54.57 2.94 -0.01	49.59 2.54 -0.01	46.78 2.56 -0.01
FPL_FAR_ROCK_GT1 24212	48.39 2.56 -0.05	46.94 2.23 -0.05	43.45 1.99 -0.04	41.25 1.70 0.00	41.95 1.69 0.00	43.71 1.76 0.00	56.54 1.23 0.79	70.26 1.77 2.14	62.27 1.37 1.36	46.10 1.56 0.00	42.60 2.41 -0.05	41.24 2.26 -0.05	40.39 2.25 -0.05	41.21 2.44 -0.05	41.73 2.47 -0.05	44.88 2.62 -0.05	50.77 2.09 0.01	65.43 2.27 0.01	77.08 3.04 0.01	72.74 2.66 0.01	60.70 2.11 0.01	53.83 2.22 0.01	48.50 1.55 0.08	45.84 1.64 0.00
FPL_FAR_ROCK_GT2 23815	48.39 2.56 -0.05	46.94 2.23 -0.05	43.45 1.99 -0.04	41.25 1.70 0.00	41.95 1.69 0.00	43.71 1.76 0.00	56.54 1.23 0.79	70.26 1.77 2.14	62.27 1.37 1.36	46.10 1.56 0.00	42.60 2.41 -0.05	41.24 2.26 -0.05	40.39 2.25 -0.05	41.21 2.44 -0.05	41.73 2.47 -0.05	44.88 2.62 -0.05	50.77 2.09 0.01	65.43 2.27 0.01	77.08 3.04 0.01	72.74 2.66 0.01	60.70 2.11 0.01	53.83 2.22 0.01	48.50 1.55 0.08	45.84 1.64 0.00
FRANKLIN_FALL_HYD 24054	46.87 1.10 0.00	45.72 1.07 0.00	42.33 0.91 0.00	40.50 0.95 0.00	41.19 0.93 0.00	42.83 0.88 0.00	57.61 1.51 0.00	72.40 1.77 0.00	63.82 1.56 0.00	45.75 1.20 0.00	41.14 1.00 0.00	40.10 1.17 0.00	39.12 1.03 0.00	39.49 0.77 0.00	40.14 0.94 0.00	43.27 1.06 0.00	49.76 1.07 0.00	65.12 1.96 0.00	76.05 2.00 0.00	72.25 2.17 0.00	60.59 1.99 0.00	53.22 1.60 0.00	48.78 1.74 0.00	45.58 1.37 0.00

FREEPORT_EQUS_GT1 23764	47.94 2.15 -0.02	46.54 1.88 -0.02	43.09 1.66 -0.01	40.89 1.35 0.00	41.59 1.33 0.00	43.33 1.38 0.00	52.62 0.73 4.20	60.33 1.13 11.43	55.80 0.81 7.27	45.66 1.11 0.00	42.16 2.01 -0.02	40.82 1.87 -0.02	39.97 1.87 -0.02	40.79 2.05 -0.02	41.34 2.12 -0.02	44.47 2.24 -0.02	50.33 1.66 0.01	64.86 1.71 0.01	76.33 2.30 0.01	72.03 1.96 0.01	60.11 1.52 0.01	53.31 1.70 0.01	47.71 1.08 0.42	45.44 1.24 0.00
FREEPORT___CT2 23818	47.94 2.15 -0.02	46.54 1.88 -0.02	43.09 1.66 -0.01	40.89 1.35 0.00	41.59 1.33 0.00	43.33 1.38 0.00	52.62 0.73 4.20	60.33 1.13 11.43	55.80 0.81 7.27	45.66 1.11 0.00	42.16 2.01 -0.02	40.82 1.87 -0.02	39.97 1.87 -0.02	40.79 2.05 -0.02	41.34 2.12 -0.02	44.47 2.24 -0.02	50.33 1.66 0.01	64.86 1.71 0.01	76.33 2.30 0.01	72.03 1.96 0.01	60.11 1.52 0.01	53.31 1.70 0.01	47.71 1.08 0.42	45.44 1.24 0.00
FRESHKLS_33_KV_LOAD 356253	48.84 3.07 -0.01	47.61 2.95 -0.01	44.16 2.73 -0.01	42.05 2.49 -0.01	42.76 2.50 -0.01	44.81 2.85 -0.01	58.96 2.86 -0.01	74.31 3.67 -0.01	65.19 2.93 0.00	47.18 2.63 0.00	42.80 2.65 -0.01	41.55 2.61 -0.01	40.69 2.59 -0.01	41.44 2.71 -0.01	41.96 2.74 -0.01	44.96 2.74 -0.01	51.81 3.12 -0.01	66.95 3.79 0.00	78.57 4.52 -0.01	74.15 4.06 -0.01	61.99 3.40 0.00	54.83 3.20 -0.01	49.82 2.78 -0.01	47.00 2.78 -0.01
FULTON COGEN____ 23766	45.65 -0.78 -0.66	44.19 -0.80 -0.34	40.72 -0.70 0.00	38.87 -0.67 0.00	39.58 -0.68 0.00	41.23 -0.71 0.00	55.20 -0.90 0.00	69.50 -1.13 0.00	61.52 -0.75 0.00	44.06 -0.49 0.00	39.62 -0.52 0.00	38.38 -0.55 0.00	37.52 -0.57 0.00	38.21 -0.50 0.00	38.61 -0.59 0.00	41.54 -0.68 0.00	47.96 -0.73 0.00	62.09 -1.07 0.00	74.03 -1.18 0.00	68.96 -1.12 0.00	57.60 -1.00 0.00	50.75 -0.88 0.00	46.24 -0.80 0.00	43.37 -0.84 0.00
FULTON___LFGE 323630	47.42 1.65 0.00	46.17 1.52 0.00	42.79 1.36 0.00	40.81 1.27 0.00	41.47 1.21 0.00	43.37 1.43 0.00	57.89 1.79 0.00	73.31 2.68 0.00	63.26 0.99 0.00	44.15 -0.40 0.00	39.26 -0.88 0.00	37.88 -1.05 0.00	37.10 -0.99 0.00	38.02 -0.70 0.00	38.73 -0.47 0.00	42.30 0.08 0.00	49.42 0.73 0.00	65.12 1.96 0.00	76.79 2.74 0.00	72.53 2.45 0.00	60.53 1.93 0.00	53.43 1.81 0.00	48.59 1.55 0.00	45.53 1.32 0.00
G.F.CEMENT___DRP 24184	47.33 1.56 0.00	46.08 1.43 0.00	42.75 1.33 0.00	40.81 1.27 0.00	41.47 1.21 0.00	43.29 1.34 0.00	57.66 1.57 0.00	72.96 2.33 0.00	63.82 1.56 0.00	45.04 0.49 0.00	40.38 0.24 0.00	38.97 0.04 0.00	38.05 -0.04 0.00	38.76 0.04 0.00	39.36 0.16 0.00	42.76 0.55 0.00	49.66 0.97 0.00	65.12 1.96 0.00	76.64 2.59 0.00	72.32 2.24 0.00	60.41 1.82 0.00	52.97 1.34 0.00	48.40 1.36 0.00	45.53 1.33 0.00
GARDENVILLE___LBMP 24039	46.00 0.23 0.00	44.47 -0.18 0.00	41.54 0.12 0.00	39.90 0.36 0.00	40.62 0.36 0.00	41.99 0.04 0.00	55.93 -0.17 0.00	70.63 0.00 0.00	62.82 0.56 0.00	45.97 1.43 0.00	41.02 0.88 0.00	39.90 0.97 0.00	39.19 1.10 0.00	39.80 1.08 0.00	40.14 0.94 0.00	42.51 0.30 0.00	47.86 -0.83 0.00	61.39 -1.77 0.00	71.97 -2.07 0.00	68.40 -1.68 0.00	57.01 -1.58 0.00	50.95 -0.67 0.00	46.57 -0.47 0.00	43.72 -0.49 0.00
GARDNVLA_35_KV_LD 355827	46.18 0.41 0.00	44.65 0.00 0.00	41.75 0.33 0.00	40.06 0.51 0.00	40.82 0.56 0.00	42.16 0.21 0.00	56.15 0.06 0.00	70.91 0.28 0.00	63.20 0.93 0.00	46.29 1.74 0.00	41.30 1.16 0.00	40.18 1.25 0.00	39.46 1.37 0.00	40.07 1.36 0.00	40.42 1.22 0.00	42.76 0.55 0.00	48.10 -0.58 0.00	61.71 -1.45 0.00	72.34 -1.70 0.00	68.75 -1.33 0.00	57.31 -1.29 0.00	51.21 -0.41 0.00	46.80 -0.24 0.00	43.90 -0.31 0.00
GELCKHM___115KV_LOAD 80723	45.46 -0.50 -0.19	44.17 -0.58 -0.10	40.92 -0.50 0.00	39.07 -0.47 0.00	39.82 -0.44 0.00	41.44 -0.50 0.00	55.48 -0.62 0.00	69.93 -0.71 0.00	61.83 -0.44 0.00	44.33 -0.22 0.00	39.86 -0.28 0.00	38.62 -0.31 0.00	37.79 -0.30 0.00	38.49 -0.23 0.00	38.85 -0.35 0.00	41.83 -0.38 0.00	48.20 -0.49 0.00	62.47 -0.69 0.00	73.57 -0.81 -0.34	69.31 -0.77 0.00	57.83 -0.76 0.00	51.00 -0.62 0.00	46.47 -0.56 0.00	43.59 -0.62 0.00
GENERAL___MILLS 23808	46.04 0.27 0.00	44.52 -0.13 0.00	41.63 0.21 0.00	39.94 0.40 0.00	40.70 0.44 0.00	42.07 0.13 0.00	55.98 -0.11 0.00	70.70 0.07 0.00	62.95 0.68 0.00	46.15 1.60 0.00	41.14 1.00 0.00	40.06 1.13 0.00	39.31 1.22 0.00	39.92 1.20 0.00	40.26 1.06 0.00	42.59 0.38 0.00	47.91 -0.78 0.00	61.46 -1.71 0.00	71.97 -2.07 0.00	68.47 -1.61 0.00	57.07 -1.52 0.00	51.00 -0.62 0.00	46.61 -0.42 0.00	43.76 -0.44 0.00
GE_PLASTICS___DRP 24183	46.00 0.23 0.00	44.92 0.27 0.00	41.63 0.21 0.00	39.70 0.16 0.00	40.46 0.20 0.00	42.28 0.34 0.00	56.26 0.17 0.00	70.77 0.14 0.00	62.20 -0.06 0.00	44.33 -0.22 0.00	40.02 -0.12 0.00	38.81 -0.12 0.00	37.98 -0.11 0.00	38.64 -0.08 0.00	39.20 0.00 0.00	42.25 0.04 0.00	48.83 0.15 0.00	63.42 0.25 0.00	74.42 0.37 0.00	70.29 0.21 0.00	58.83 0.23 0.00	51.67 0.05 0.00	47.04 0.00 0.00	44.34 0.13 0.00
GILBOA___1 23756	46.59 0.82 0.00	45.68 1.03 0.00	42.33 0.91 0.00	40.38 0.83 0.00	41.11 0.85 0.00	42.74 0.79 0.00	56.82 0.73 0.00	71.62 0.99 0.00	63.01 0.75 0.00	45.13 0.58 0.00	40.74 0.60 0.00	39.51 0.58 0.00	38.70 0.61 0.00	39.37 0.66 0.00	39.87 0.67 0.00	42.93 0.72 0.00	49.51 0.83 0.00	63.98 0.82 0.00	74.86 0.82 0.00	70.78 0.70 0.00	59.36 0.76 0.00	52.45 0.82 0.00	47.65 0.61 0.00	44.91 0.71 0.00
GILBOA___2 23757	46.59 0.82 0.00	45.68 1.03 0.00	42.33 0.91 0.00	40.38 0.83 0.00	41.11 0.85 0.00	42.74 0.79 0.00	56.82 0.73 0.00	71.62 0.99 0.00	63.01 0.75 0.00	45.13 0.58 0.00	40.74 0.60 0.00	39.51 0.58 0.00	38.70 0.61 0.00	39.37 0.66 0.00	39.87 0.67 0.00	42.93 0.72 0.00	49.51 0.83 0.00	63.98 0.82 0.00	74.86 0.82 0.00	70.78 0.70 0.00	59.36 0.76 0.00	52.45 0.82 0.00	47.65 0.61 0.00	44.91 0.71 0.00
GILBOA___3 23758	46.59 0.82 0.00	45.68 1.03 0.00	42.33 0.91 0.00	40.38 0.83 0.00	41.11 0.85 0.00	42.74 0.79 0.00	56.82 0.73 0.00	71.62 0.99 0.00	63.01 0.75 0.00	45.13 0.58 0.00	40.74 0.60 0.00	39.51 0.58 0.00	38.70 0.61 0.00	39.37 0.66 0.00	39.87 0.67 0.00	42.93 0.72 0.00	49.51 0.83 0.00	63.98 0.82 0.00	74.86 0.82 0.00	70.78 0.70 0.00	59.36 0.76 0.00	52.45 0.82 0.00	47.65 0.61 0.00	44.91 0.71 0.00
GILBOA___4 23759	46.59 0.82 0.00	45.68 1.03 0.00	42.33 0.91 0.00	40.38 0.83 0.00	41.11 0.85 0.00	42.74 0.79 0.00	56.82 0.73 0.00	71.62 0.99 0.00	63.01 0.75 0.00	45.13 0.58 0.00	40.74 0.60 0.00	39.51 0.58 0.00	38.70 0.61 0.00	39.37 0.66 0.00	39.87 0.67 0.00	42.93 0.72 0.00	49.51 0.83 0.00	63.98 0.82 0.00	74.86 0.82 0.00	70.78 0.70 0.00	59.36 0.76 0.00	52.45 0.82 0.00	47.65 0.61 0.00	44.91 0.71 0.00

GILBOA____ 23599	46.59 0.82 0.00	45.63 0.98 0.00	42.33 0.91 0.00	40.38 0.83 0.00	41.11 0.85 0.00	42.74 0.80 0.00	56.82 0.73 0.00	71.62 0.99 0.00	63.01 0.75 0.00	45.13 0.58 0.00	40.74 0.60 0.00	39.51 0.58 0.00	38.70 0.61 0.00	39.38 0.66 0.00	39.87 0.67 0.00	42.89 0.68 0.00	49.51 0.83 0.00	63.98 0.82 0.00	74.86 0.81 0.00	70.78 0.70 0.00	59.36 0.76 0.00	52.40 0.77 0.00	47.65 0.61 0.00	44.91 0.71 0.00
GINNA____ 23603	43.57 -2.20 0.00	42.24 -2.41 0.00	39.31 -2.11 0.00	37.61 -1.94 0.00	38.33 -1.93 0.00	39.72 -2.22 0.00	53.23 -2.86 0.00	67.45 -3.18 0.00	59.71 -2.56 0.00	42.99 -1.56 0.00	38.49 -1.65 0.00	37.41 -1.52 0.00	36.76 -1.33 0.00	37.25 -1.47 0.00	37.63 -1.57 0.00	40.10 -2.11 0.00	46.15 -2.53 0.00	59.75 -3.41 0.00	70.05 -4.00 0.00	66.43 -3.65 0.00	55.14 -3.46 0.00	48.53 -3.10 0.00	44.69 -2.35 0.00	41.64 -2.57 0.00
GLEN PARK____ 23778	47.51 1.46 -0.27	46.45 1.65 -0.14	42.91 1.49 0.00	40.89 1.35 0.00	41.75 1.49 0.00	43.29 1.34 0.00	58.39 2.30 0.00	73.46 2.83 0.00	64.69 2.43 0.00	45.57 1.03 0.00	40.78 0.64 0.00	39.28 0.35 0.00	38.28 0.19 0.00	38.76 0.04 0.00	39.12 -0.08 0.00	42.55 0.34 0.00	49.42 0.73 0.00	64.87 1.71 0.00	77.19 2.66 -0.48	73.24 3.16 0.00	61.00 2.40 0.00	54.05 2.43 0.00	49.16 2.12 0.00	45.84 1.64 0.00
GLENDALE_27_KV_LOAD 356172	48.52 2.75 -0.01	47.25 2.59 -0.01	43.83 2.40 -0.01	41.69 2.14 -0.01	42.40 2.13 -0.01	44.35 2.39 -0.01	58.34 2.24 0.00	73.60 2.97 0.00	64.76 2.49 0.00	46.91 2.36 0.00	42.59 2.45 -0.01	41.43 2.49 -0.01	40.57 2.48 -0.01	41.28 2.56 -0.01	41.80 2.59 -0.01	44.75 2.53 -0.01	51.61 2.92 -0.01	66.32 3.16 0.00	77.90 3.85 0.00	73.44 3.36 0.00	61.35 2.75 0.00	54.36 2.74 0.00	49.35 2.30 -0.01	46.56 2.34 -0.01
GLENWOOD_IC_1_G5 23712	47.98 2.20 -0.01	46.54 1.88 -0.01	43.21 1.78 -0.01	41.09 1.54 0.00	41.79 1.53 0.00	43.58 1.64 0.00	54.81 1.29 2.57	65.47 1.84 7.00	59.24 1.43 4.46	46.06 1.51 0.00	42.19 2.05 -0.01	40.92 1.99 -0.01	40.08 1.98 -0.01	40.86 2.13 -0.01	41.37 2.16 -0.01	44.42 2.20 -0.01	50.68 2.00 0.01	65.30 2.15 0.01	76.78 2.74 0.01	72.46 2.38 0.01	60.46 1.88 0.01	53.53 1.91 0.01	48.24 1.46 0.25	45.75 1.55 0.00
GLENWOOD_IC_2_G1 23688	47.83 2.06 0.00	46.61 1.96 0.00	43.16 1.74 0.00	41.05 1.50 0.00	41.75 1.49 0.00	43.58 1.63 0.00	57.49 1.34 -0.05	72.68 1.91 -0.14	63.79 1.43 -0.09	46.02 1.47 0.00	42.06 1.93 0.00	40.84 1.91 0.00	39.99 1.90 0.00	40.73 2.01 0.00	41.24 2.04 0.00	44.28 2.07 0.00	50.68 2.00 0.00	65.24 2.08 0.00	76.71 2.66 0.00	72.39 2.31 0.00	60.47 1.87 0.00	53.58 1.96 0.00	48.50 1.46 -0.01	45.75 1.55 0.00
GLENWOOD_IC_3_G1 23689	47.83 2.06 0.00	46.61 1.96 0.00	43.16 1.74 0.00	41.05 1.50 0.00	41.75 1.49 0.00	43.58 1.63 0.00	57.49 1.34 -0.05	72.68 1.91 -0.14	63.79 1.43 -0.09	46.02 1.47 0.00	42.06 1.93 0.00	40.84 1.91 0.00	39.99 1.90 0.00	40.73 2.01 0.00	41.24 2.04 0.00	44.28 2.07 0.00	50.68 2.00 0.00	65.24 2.08 0.00	76.71 2.66 0.00	72.39 2.31 0.00	60.47 1.87 0.00	53.58 1.96 0.00	48.50 1.46 -0.01	45.75 1.55 0.00
GLENWOOD____4 23550	47.98 2.20 -0.01	46.54 1.88 -0.01	43.21 1.78 -0.01	41.09 1.54 0.00	41.79 1.53 0.00	43.58 1.64 0.00	54.81 1.29 2.57	65.47 1.84 7.00	59.24 1.43 4.46	46.06 1.51 0.00	42.19 2.05 -0.01	40.92 1.99 -0.01	40.08 1.98 -0.01	40.86 2.13 -0.01	41.37 2.16 -0.01	44.42 2.20 -0.01	50.68 2.00 0.01	65.30 2.15 0.01	76.78 2.74 0.01	72.46 2.38 0.01	60.46 1.88 0.01	53.53 1.91 0.01	48.24 1.46 0.25	45.75 1.55 0.00
GLENWOOD____5 23614	47.98 2.20 -0.01	46.54 1.88 -0.01	43.21 1.78 -0.01	41.09 1.54 0.00	41.79 1.53 0.00	43.58 1.64 0.00	54.81 1.29 2.57	65.47 1.84 7.00	59.24 1.43 4.46	46.06 1.51 0.00	42.19 2.05 -0.01	40.92 1.99 -0.01	40.08 1.98 -0.01	40.86 2.13 -0.01	41.37 2.16 -0.01	44.42 2.20 -0.01	50.68 2.00 0.01	65.30 2.15 0.01	76.78 2.74 0.01	72.46 2.38 0.01	60.46 1.88 0.01	53.53 1.91 0.01	48.24 1.46 0.25	45.75 1.55 0.00
GLOBAL GREEN_PORT_GT1 23814	47.41 1.65 0.00	46.03 1.39 0.00	42.62 1.20 0.00	40.41 0.87 0.00	41.14 0.88 0.00	42.91 0.97 0.00	45.79 -0.17 10.14	49.24 0.14 21.53	44.54 -0.12 17.60	35.81 0.54 9.28	41.77 1.69 0.06	39.16 1.60 1.37	39.80 1.72 0.00	40.69 1.97 0.00	41.35 2.15 0.00	44.61 2.40 0.00	50.47 1.80 0.02	65.23 2.08 0.02	76.84 2.81 0.02	72.37 2.31 0.02	60.16 1.58 0.02	53.36 1.76 0.02	47.15 0.89 0.78	45.22 1.02 0.01
GLOBE____DSASP 323697	44.63 -1.14 0.00	43.04 -1.61 0.00	40.30 -1.12 0.00	38.68 -0.87 0.00	39.37 -0.89 0.00	40.65 -1.30 0.00	54.02 -2.08 0.00	68.30 -2.33 0.00	60.96 -1.31 0.00	44.77 0.22 0.00	39.98 -0.16 0.00	38.97 0.04 0.00	38.24 0.15 0.00	38.79 0.08 0.00	39.12 -0.08 0.00	41.28 -0.93 0.00	46.30 -2.39 0.00	59.06 -4.11 0.00	69.16 -4.89 0.00	65.88 -4.20 0.00	54.96 -3.63 0.00	49.30 -2.32 0.00	45.11 -1.93 0.00	42.35 -1.86 0.00
GOETHSLN____LBMP 323567	47.92 2.15 0.00	46.71 2.05 0.00	43.28 1.86 0.00	41.17 1.62 0.00	41.87 1.61 0.00	43.83 1.89 0.00	57.72 1.63 0.00	72.82 2.19 0.00	64.01 1.74 0.00	46.33 1.78 0.00	42.11 1.97 0.00	40.95 2.02 0.00	40.11 2.02 0.00	40.81 2.09 0.00	41.32 2.12 0.00	44.20 1.98 0.00	51.02 2.34 0.00	65.56 2.40 0.00	77.01 2.96 0.00	72.67 2.59 0.00	60.65 2.05 0.00	53.74 2.12 0.00	48.73 1.69 0.00	45.97 1.77 0.00
GOLAH____69_KV_TB 1_2 80279	46.14 0.37 0.00	44.74 0.09 0.00	41.67 0.25 0.00	39.94 0.40 0.00	40.70 0.44 0.00	42.07 0.13 0.00	56.15 0.06 0.00	70.91 0.28 0.00	63.01 0.75 0.00	45.57 1.02 0.00	40.70 0.56 0.00	39.59 0.66 0.00	38.85 0.76 0.00	39.41 0.70 0.00	39.83 0.63 0.00	42.34 0.13 0.00	48.30 -0.39 0.00	62.41 -0.76 0.00	73.23 -0.81 0.00	69.59 -0.49 0.00	57.78 -0.82 0.00	51.37 -0.26 0.00	46.99 -0.05 0.00	43.94 -0.27 0.00
GOODYEAR_LAKE_HYD 323669	47.10 1.33 0.00	46.08 1.43 0.00	42.75 1.33 0.00	40.77 1.23 0.00	41.55 1.29 0.00	43.25 1.30 0.00	57.72 1.63 0.00	72.82 2.19 0.00	64.07 1.81 0.00	45.71 1.16 0.00	41.14 1.00 0.00	39.86 0.93 0.00	39.00 0.91 0.00	39.69 0.97 0.00	40.14 0.94 0.00	43.31 1.10 0.00	50.00 1.31 0.00	64.93 1.77 0.00	76.19 2.15 0.00	72.18 2.10 0.00	60.24 1.64 0.00	53.28 1.65 0.00	48.40 1.36 0.00	45.44 1.24 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	46.32 0.55 0.00	45.14 0.49 0.00	41.96 0.54 0.00	40.10 0.55 0.00	40.82 0.56 0.00	42.53 0.59 0.00	56.77 0.67 0.00	71.48 0.85 0.00	63.14 0.87 0.00	45.44 0.89 0.00	40.82 0.68 0.00	39.59 0.66 0.00	38.74 0.65 0.00	39.41 0.70 0.00	39.79 0.59 0.00	42.72 0.51 0.00	49.07 0.39 0.00	63.48 0.32 0.00	74.49 0.44 0.00	70.50 0.42 0.00	58.83 0.23 0.00	52.04 0.41 0.00	47.37 0.33 0.00	44.51 0.31 0.00

GOWANUS_GT2_6 24119	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.76 2.49 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.76 2.55 -0.01	44.75 2.53 -0.01	51.57 2.87 -0.01	66.38 3.22 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
GOWANUS_GT2_7 24120	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.76 2.49 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.76 2.55 -0.01	44.75 2.53 -0.01	51.57 2.87 -0.01	66.38 3.22 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
GOWANUS_GT2_8 24121	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.76 2.49 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.76 2.55 -0.01	44.75 2.53 -0.01	51.57 2.87 -0.01	66.38 3.22 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
GOWANUS_GT3_1 24122	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
GOWANUS_GT3_2 24123	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
GOWANUS_GT3_3 24124	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
GOWANUS_GT3_4 24125	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
GOWANUS_GT3_5 24126	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
GOWANUS_GT3_6 24127	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
GOWANUS_GT3_7 24128	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
GOWANUS_GT3_8 24129	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
GOWANUS_GT4_1 24130	48.57 2.79 -0.01	47.29 2.63 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.75 3.11 -0.01	64.76 2.49 0.00	46.91 2.36 0.00	42.59 2.45 -0.01	41.39 2.45 -0.01	40.54 2.44 -0.01	41.28 2.56 -0.01	41.76 2.55 -0.01	44.71 2.49 -0.01	51.57 2.87 -0.01	66.38 3.22 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.47 2.84 -0.01	49.49 2.45 -0.01	46.69 2.48 -0.01
GOWANUS_GT4_2 24131	48.57 2.79 -0.01	47.29 2.63 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.75 3.11 -0.01	64.76 2.49 0.00	46.91 2.36 0.00	42.59 2.45 -0.01	41.39 2.45 -0.01	40.54 2.44 -0.01	41.28 2.56 -0.01	41.76 2.55 -0.01	44.71 2.49 -0.01	51.57 2.87 -0.01	66.38 3.22 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.47 2.84 -0.01	49.49 2.45 -0.01	46.69 2.48 -0.01
GOWANUS_GT4_3 24132	48.57 2.79 -0.01	47.29 2.63 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.75 3.11 -0.01	64.76 2.49 0.00	46.91 2.36 0.00	42.59 2.45 -0.01	41.39 2.45 -0.01	40.54 2.44 -0.01	41.28 2.56 -0.01	41.76 2.55 -0.01	44.71 2.49 -0.01	51.57 2.87 -0.01	66.38 3.22 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.47 2.84 -0.01	49.49 2.45 -0.01	46.69 2.48 -0.01
GOWANUS_GT4_4 24133	48.57 2.79 -0.01	47.29 2.63 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.75 3.11 -0.01	64.76 2.49 0.00	46.91 2.36 0.00	42.59 2.45 -0.01	41.39 2.45 -0.01	40.54 2.44 -0.01	41.28 2.56 -0.01	41.76 2.55 -0.01	44.71 2.49 -0.01	51.57 2.87 -0.01	66.38 3.22 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.47 2.84 -0.01	49.49 2.45 -0.01	46.69 2.48 -0.01

GOWANUS_GT4_5 24134	48.57 2.79 -0.01	47.29 2.63 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.75 3.11 -0.01	64.76 2.49 0.00	46.91 2.36 0.00	42.59 2.45 -0.01	41.39 2.45 -0.01	40.54 2.44 -0.01	41.28 2.56 -0.01	41.76 2.55 -0.01	44.71 2.49 -0.01	51.57 2.87 -0.01	66.38 3.22 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.47 2.84 -0.01	49.49 2.45 -0.01	46.69 2.48 -0.01
GOWANUS_GT4_6 24135	48.57 2.79 -0.01	47.29 2.63 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.75 3.11 -0.01	64.76 2.49 0.00	46.91 2.36 0.00	42.59 2.45 -0.01	41.39 2.45 -0.01	40.54 2.44 -0.01	41.28 2.56 -0.01	41.76 2.55 -0.01	44.71 2.49 -0.01	51.57 2.87 -0.01	66.38 3.22 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.47 2.84 -0.01	49.49 2.45 -0.01	46.69 2.48 -0.01
GOWANUS_GT4_7 24136	48.57 2.79 -0.01	47.29 2.63 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.75 3.11 -0.01	64.76 2.49 0.00	46.91 2.36 0.00	42.59 2.45 -0.01	41.39 2.45 -0.01	40.54 2.44 -0.01	41.28 2.56 -0.01	41.76 2.55 -0.01	44.71 2.49 -0.01	51.57 2.87 -0.01	66.38 3.22 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.47 2.84 -0.01	49.49 2.45 -0.01	46.69 2.48 -0.01
GOWANUS_GT4_8 24137	48.57 2.79 -0.01	47.29 2.63 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.75 3.11 -0.01	64.76 2.49 0.00	46.91 2.36 0.00	42.59 2.45 -0.01	41.39 2.45 -0.01	40.54 2.44 -0.01	41.28 2.56 -0.01	41.76 2.55 -0.01	44.71 2.49 -0.01	51.57 2.87 -0.01	66.38 3.22 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.47 2.84 -0.01	49.49 2.45 -0.01	46.69 2.48 -0.01
GREATVR_69_KV_BK1 356245	48.15 2.38 0.00	46.48 1.83 0.00	43.28 1.86 0.00	41.05 1.50 0.00	41.75 1.49 0.00	43.46 1.51 0.00	47.91 0.34 8.52	50.26 0.07 20.45	47.55 0.06 14.78	41.64 1.29 4.20	42.24 2.13 0.03	40.29 1.99 0.62	39.99 1.90 0.00	40.84 2.13 0.00	41.44 2.23 0.00	44.53 2.32 0.00	50.28 1.61 0.01	64.85 1.71 0.01	76.40 2.37 0.01	72.10 2.03 0.01	60.16 1.58 0.01	53.31 1.70 0.01	46.67 0.38 0.74	45.44 1.24 0.00
GREENBSH_115KV_TB3 55895	45.68 -0.09 0.00	44.61 -0.04 0.00	41.34 -0.08 0.00	39.43 -0.12 0.00	40.10 -0.16 0.00	41.99 0.04 0.00	55.87 -0.22 0.00	70.28 -0.35 0.00	61.77 -0.50 0.00	43.92 -0.62 0.00	39.70 -0.44 0.00	38.50 -0.43 0.00	37.67 -0.42 0.00	38.37 -0.35 0.00	38.89 -0.31 0.00	41.96 -0.25 0.00	48.54 -0.15 0.00	63.10 -0.06 0.00	74.12 0.07 0.00	69.94 -0.14 0.00	58.54 -0.06 0.00	51.31 -0.31 0.00	46.71 -0.33 0.00	44.07 -0.13 0.00
GREENDGE_115KV_TB5 80291	46.55 0.78 0.00	45.14 0.49 0.00	42.00 0.58 0.00	40.22 0.67 0.00	40.94 0.68 0.00	42.62 0.67 0.00	56.71 0.62 0.00	71.62 0.99 0.00	63.51 1.25 0.00	45.93 1.38 0.00	41.10 0.96 0.00	39.75 0.82 0.00	38.89 0.80 0.00	39.57 0.85 0.00	39.95 0.74 0.00	42.89 0.68 0.00	49.27 0.58 0.00	63.42 0.25 0.00	74.64 0.59 0.00	70.64 0.56 0.00	58.71 0.12 0.00	51.83 0.21 0.00	47.65 0.61 0.00	44.51 0.31 0.00
GREENIDGE___3 23582	46.55 0.78 0.00	45.14 0.49 0.00	42.00 0.58 0.00	40.22 0.67 0.00	40.94 0.68 0.00	42.62 0.67 0.00	56.71 0.62 0.00	71.62 0.99 0.00	63.51 1.25 0.00	45.93 1.38 0.00	41.10 0.96 0.00	39.75 0.82 0.00	38.89 0.80 0.00	39.57 0.85 0.00	39.95 0.74 0.00	42.89 0.68 0.00	49.27 0.58 0.00	63.42 0.25 0.00	74.64 0.59 0.00	70.64 0.56 0.00	58.71 0.12 0.00	51.83 0.21 0.00	47.65 0.61 0.00	44.51 0.31 0.00
GREENIDGE___4 23583	46.55 0.78 0.00	45.10 0.45 0.00	42.00 0.58 0.00	40.22 0.67 0.00	40.94 0.68 0.00	42.62 0.67 0.00	56.71 0.62 0.00	71.76 1.13 0.00	63.51 1.24 0.00	45.93 1.38 0.00	41.10 0.96 0.00	39.71 0.78 0.00	38.89 0.80 0.00	39.57 0.85 0.00	39.95 0.74 0.00	42.85 0.63 0.00	49.27 0.59 0.00	63.48 0.32 0.00	74.64 0.59 0.00	70.57 0.49 0.00	58.71 0.12 0.00	51.47 -0.15 0.00	47.65 0.61 0.00	44.52 0.31 0.00
GREENLWN_69_KV_BK 3 55738	47.23 1.46 0.00	45.67 1.03 0.00	42.54 1.12 0.00	40.38 0.83 0.00	41.07 0.81 0.00	42.79 0.84 0.00	48.55 -0.17 7.37	49.80 0.00 20.83	49.24 -0.25 12.78	46.27 0.58 -1.14	41.67 1.53 0.00	40.50 1.40 -0.16	39.53 1.45 0.00	40.34 1.63 0.00	40.89 1.69 0.00	43.81 1.60 0.00	49.35 0.68 0.01	63.53 0.38 0.01	74.70 0.67 0.01	70.49 0.42 0.01	58.82 0.23 0.01	52.07 0.46 0.01	46.47 0.19 0.75	44.65 0.44 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.57 2.79 -0.01	47.34 2.68 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.59 2.45 -0.01	41.39 2.45 -0.01	40.54 2.44 -0.01	41.28 2.56 -0.01	41.80 2.59 -0.01	44.75 2.53 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.47 2.84 -0.01	49.49 2.45 -0.01	46.69 2.48 -0.01
GRISSOM___SOLAR 323813	47.42 1.65 0.00	46.17 1.52 0.00	42.79 1.36 0.00	40.85 1.30 0.00	41.51 1.25 0.00	43.41 1.47 0.00	57.94 1.85 0.00	73.31 2.68 0.00	63.32 1.06 0.00	44.19 -0.36 0.00	39.26 -0.88 0.00	37.88 -1.05 0.00	37.10 -0.99 0.00	38.02 -0.70 0.00	38.77 -0.43 0.00	42.34 0.13 0.00	49.46 0.78 0.00	65.18 2.02 0.00	76.79 2.74 0.00	72.53 2.45 0.00	60.53 1.93 0.00	53.43 1.81 0.00	48.59 1.55 0.00	45.58 1.37 0.00
GROVEVILLE___HYD 323602	47.97 2.20 0.00	46.79 2.14 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	58.00 1.91 0.00	73.03 2.40 0.00	64.13 1.87 0.00	46.06 1.51 0.00	41.74 1.61 0.00	40.53 1.60 0.00	39.73 1.64 0.00	40.50 1.78 0.00	41.01 1.80 0.00	43.99 1.77 0.00	50.78 2.09 0.00	65.69 2.53 0.00	77.23 3.18 0.00	73.02 2.94 0.00	60.88 2.29 0.00	53.79 2.17 0.00	48.87 1.83 0.00	46.06 1.86 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.81 -0.23 -0.27	44.48 -0.31 -0.14	41.17 -0.25 0.00	39.31 -0.24 0.00	40.06 -0.20 0.00	41.69 -0.25 0.00	55.87 -0.22 0.00	70.35 -0.28 0.00	62.26 0.00 0.00	44.59 0.04 0.00	40.14 0.00 0.00	38.85 -0.08 0.00	38.01 -0.08 0.00	38.72 0.00 0.00	39.09 -0.12 0.00	42.09 -0.13 0.00	48.54 -0.15 0.00	62.85 -0.32 0.00	74.23 -0.30 -0.48	69.80 -0.28 0.00	58.24 -0.35 0.00	51.31 -0.31 0.00	46.76 -0.28 0.00	43.85 -0.35 0.00
HAMLTNNY_34_KV_TB 80303	45.89 -0.14 -0.26	44.56 -0.22 -0.14	41.25 -0.17 0.00	39.43 -0.12 0.00	40.14 -0.12 0.00	41.78 -0.17 0.00	55.98 -0.11 0.00	70.56 -0.07 0.00	62.39 0.12 0.00	44.73 0.18 0.00	40.26 0.12 0.00	38.97 0.04 0.00	38.13 0.04 0.00	38.79 0.08 0.00	39.20 0.00 0.00	42.17 -0.04 0.00	48.59 -0.10 0.00	62.97 -0.19 0.00	74.36 -0.15 -0.47	69.87 -0.21 0.00	58.30 -0.29 0.00	51.42 -0.21 0.00	46.85 -0.19 0.00	43.90 -0.31 0.00

HAMPSHIRE___PAPER_HYD 323593	47.11 1.24 -0.11	46.09 1.39 -0.05	42.62 1.20 0.00	40.69 1.15 0.00	41.43 1.17 0.00	43.04 1.09 0.00	57.94 1.85 0.00	72.46 1.83 0.00	63.88 1.62 0.00	45.35 0.80 0.00	40.74 0.60 0.00	39.47 0.54 0.00	38.55 0.46 0.00	38.95 0.23 0.00	39.44 0.24 0.00	42.72 0.51 0.00	49.12 0.44 0.00	64.43 1.26 0.00	75.94 1.70 -0.19	72.18 2.10 0.00	60.30 1.70 0.00	53.58 1.96 0.00	48.82 1.79 0.00	45.62 1.41 0.00
HARDSCRABBLE_WT_PWR 323673	47.74 1.97 0.00	46.66 2.01 0.00	43.29 1.87 0.00	41.28 1.74 0.00	42.07 1.81 0.00	43.84 1.89 0.00	58.50 2.41 0.00	73.74 3.10 0.00	65.00 2.74 0.00	46.42 1.87 0.00	41.82 1.69 0.00	40.49 1.56 0.00	39.57 1.48 0.00	40.23 1.51 0.00	40.65 1.45 0.00	43.82 1.60 0.00	50.53 1.85 0.00	65.62 2.46 0.00	77.01 2.96 0.00	72.95 2.87 0.00	61.00 2.40 0.00	53.84 2.22 0.00	49.06 2.02 0.00	46.10 1.90 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.88 2.11 0.00	46.71 2.05 0.00	43.37 1.95 0.00	41.25 1.70 0.00	41.95 1.69 0.00	43.92 1.97 0.00	57.89 1.79 0.00	73.03 2.40 0.00	64.07 1.81 0.00	46.11 1.56 0.00	41.82 1.69 0.00	40.60 1.67 0.00	39.80 1.71 0.00	40.58 1.86 0.00	41.05 1.84 0.00	43.99 1.77 0.00	50.73 2.04 0.00	65.56 2.40 0.00	77.16 3.11 0.00	72.81 2.73 0.00	60.76 2.17 0.00	53.74 2.12 0.00	48.78 1.74 0.00	46.02 1.81 0.00
HARSNRAD_115KV_TB1 81005	45.86 0.09 0.00	44.29 -0.36 0.00	41.42 0.00 0.00	39.78 0.24 0.00	40.50 0.24 0.00	41.78 -0.17 0.00	55.48 -0.62 0.00	70.21 -0.42 0.00	62.58 0.31 0.00	45.88 1.34 0.00	40.90 0.76 0.00	39.86 0.93 0.00	39.16 1.07 0.00	39.69 0.97 0.00	40.07 0.86 0.00	42.30 0.08 0.00	47.52 -1.17 0.00	60.83 -2.34 0.00	71.31 -2.74 0.00	67.91 -2.17 0.00	56.60 -1.99 0.00	50.64 -0.98 0.00	46.33 -0.71 0.00	43.54 -0.66 0.00
HARZA MOOSE___RIVER 24016	47.07 1.24 -0.07	46.03 1.34 -0.04	42.62 1.20 0.00	40.65 1.11 0.00	41.47 1.21 0.00	43.08 1.13 0.00	57.89 1.79 0.00	72.82 2.19 0.00	64.19 1.93 0.00	45.53 0.98 0.00	40.90 0.76 0.00	39.55 0.62 0.00	38.43 0.34 0.00	38.91 0.19 0.00	39.36 0.16 0.00	42.59 0.38 0.00	49.27 0.58 0.00	64.36 1.20 0.00	75.87 1.70 -0.12	72.04 1.96 0.00	60.18 1.58 0.00	53.43 1.81 0.00	48.54 1.51 0.00	45.49 1.28 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.22 -0.55 0.00	44.03 -0.63 0.00	40.88 -0.54 0.00	39.07 -0.47 0.00	39.78 -0.48 0.00	41.40 -0.55 0.00	55.42 -0.67 0.00	69.85 -0.78 0.00	61.77 -0.50 0.00	44.28 -0.27 0.00	39.86 -0.28 0.00	38.58 -0.35 0.00	37.75 -0.34 0.00	38.45 -0.27 0.00	38.85 -0.35 0.00	41.79 -0.42 0.00	48.15 -0.54 0.00	62.41 -0.76 0.00	73.16 -0.89 0.00	69.24 -0.84 0.00	57.83 -0.76 0.00	50.95 -0.67 0.00	46.43 -0.61 0.00	43.54 -0.66 0.00
HELLGATE_13_KV_LD 55870	48.57 2.79 -0.01	47.29 2.63 -0.01	43.87 2.44 -0.01	41.73 2.18 -0.01	42.44 2.17 -0.01	44.39 2.43 -0.01	58.39 2.30 0.00	73.60 2.97 0.00	64.69 2.43 0.00	46.91 2.36 0.00	42.63 2.49 -0.01	41.43 2.49 -0.01	40.61 2.51 -0.01	41.32 2.59 -0.01	41.84 2.63 -0.01	44.75 2.53 -0.01	51.61 2.92 -0.01	66.32 3.16 0.00	77.82 3.78 0.00	73.44 3.36 0.00	61.35 2.75 0.00	54.36 2.74 0.00	49.40 2.35 -0.01	46.56 2.34 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.57 2.79 -0.01	47.29 2.63 -0.01	43.87 2.44 -0.01	41.73 2.18 -0.01	42.44 2.17 -0.01	44.39 2.43 -0.01	58.39 2.30 0.00	73.60 2.97 0.00	64.69 2.43 0.00	46.91 2.36 0.00	42.63 2.49 -0.01	41.43 2.49 -0.01	40.61 2.51 -0.01	41.32 2.59 -0.01	41.84 2.63 -0.01	44.75 2.53 -0.01	51.61 2.92 -0.01	66.32 3.16 0.00	77.82 3.78 0.00	73.44 3.36 0.00	61.35 2.75 0.00	54.36 2.74 0.00	49.40 2.35 -0.01	46.56 2.34 -0.01
HEMPSTEAD____ 23647	47.66 1.88 -0.01	46.32 1.65 -0.01	42.88 1.45 -0.01	40.73 1.19 0.00	41.43 1.17 0.00	43.16 1.22 0.00	52.88 0.62 3.84	61.18 0.99 10.44	56.30 0.69 6.65	45.52 0.98 0.00	41.91 1.76 -0.01	40.65 1.71 -0.01	39.78 1.67 -0.01	40.59 1.86 -0.01	41.10 1.88 -0.01	44.21 1.98 -0.01	50.19 1.51 0.01	64.61 1.45 0.01	76.04 2.00 0.01	71.68 1.61 0.01	59.87 1.29 0.01	53.06 1.44 0.01	47.60 0.94 0.38	45.26 1.06 0.00
HICKLING___1 23621	46.59 0.82 0.00	45.23 0.58 0.00	42.17 0.75 0.00	40.38 0.83 0.00	41.11 0.85 0.00	42.79 0.84 0.00	57.16 1.07 0.00	71.97 1.34 0.00	63.76 1.49 0.00	46.06 1.51 0.00	41.26 1.12 0.00	39.94 1.01 0.00	39.12 1.03 0.00	39.84 1.12 0.00	40.18 0.98 0.00	43.01 0.80 0.00	49.12 0.44 0.00	63.48 0.32 0.00	74.56 0.52 0.00	70.57 0.49 0.00	58.71 0.12 0.00	52.04 0.41 0.00	47.51 0.47 0.00	44.56 0.35 0.00
HICKLING___2 23622	46.59 0.82 0.00	45.23 0.58 0.00	42.17 0.75 0.00	40.38 0.83 0.00	41.11 0.85 0.00	42.79 0.84 0.00	57.16 1.07 0.00	71.97 1.34 0.00	63.76 1.49 0.00	46.06 1.51 0.00	41.26 1.12 0.00	39.94 1.01 0.00	39.12 1.03 0.00	39.84 1.12 0.00	40.18 0.98 0.00	43.01 0.80 0.00	49.12 0.44 0.00	63.48 0.32 0.00	74.56 0.52 0.00	70.57 0.49 0.00	58.71 0.12 0.00	52.04 0.41 0.00	47.51 0.47 0.00	44.56 0.35 0.00
HIGH FALLS___HY 23754	48.38 2.61 0.00	47.24 2.59 0.00	43.91 2.49 0.00	41.72 2.18 0.00	42.43 2.17 0.00	44.34 2.39 0.00	58.45 2.36 0.00	73.67 3.04 0.00	64.69 2.43 0.00	46.46 1.92 0.00	42.06 1.93 0.00	40.84 1.91 0.00	40.03 1.94 0.00	40.81 2.09 0.00	41.28 2.08 0.00	44.28 2.07 0.00	51.12 2.43 0.00	66.19 3.03 0.00	78.04 4.00 0.00	73.79 3.71 0.00	61.47 2.87 0.00	54.41 2.79 0.00	49.39 2.35 0.00	46.50 2.30 0.00
HIGH_RIVER___SOLAR 323847	47.23 1.46 0.00	45.99 1.34 0.00	42.62 1.20 0.00	40.69 1.15 0.00	41.35 1.09 0.00	43.25 1.30 0.00	57.66 1.57 0.00	72.82 2.19 0.00	62.89 0.62 0.00	44.10 -0.45 0.00	39.42 -0.72 0.00	38.11 -0.82 0.00	37.29 -0.80 0.00	38.10 -0.62 0.00	38.69 -0.51 0.00	42.17 -0.04 0.00	49.27 0.59 0.00	64.87 1.71 0.00	76.41 2.37 0.00	72.18 2.10 0.00	60.30 1.70 0.00	53.23 1.60 0.00	48.40 1.36 0.00	45.40 1.19 0.00
HILLBURN___GT 23639	47.83 2.06 0.00	46.71 2.06 0.00	43.29 1.87 0.00	41.21 1.66 0.00	41.91 1.65 0.00	43.88 1.93 0.00	57.83 1.74 0.00	73.03 2.40 0.00	64.07 1.81 0.00	46.20 1.65 0.00	41.95 1.81 0.00	40.80 1.87 0.00	39.92 1.83 0.00	40.65 1.94 0.00	41.12 1.92 0.00	44.07 1.86 0.00	50.78 2.09 0.00	65.50 2.34 0.00	77.01 2.96 0.00	72.67 2.59 0.00	60.65 2.05 0.00	53.74 2.12 0.00	48.73 1.69 0.00	45.93 1.72 0.00
HILLSIDE_115KV_TB1 80332	46.00 0.23 0.00	44.70 0.04 0.00	41.67 0.25 0.00	39.86 0.32 0.00	40.62 0.36 0.00	42.28 0.34 0.00	56.43 0.34 0.00	71.06 0.42 0.00	62.82 0.56 0.00	45.35 0.80 0.00	40.70 0.56 0.00	39.44 0.51 0.00	38.62 0.53 0.00	39.30 0.58 0.00	39.63 0.43 0.00	42.42 0.21 0.00	48.49 -0.19 0.00	62.59 -0.57 0.00	73.53 -0.52 0.00	69.59 -0.49 0.00	58.01 -0.59 0.00	51.37 -0.26 0.00	46.90 -0.14 0.00	44.03 -0.18 0.00

HISHELDN_WT_PWR 323625	46.00 0.23 0.00	44.38 -0.27 0.00	41.59 0.17 0.00	39.86 0.31 0.00	40.62 0.36 0.00	42.03 0.08 0.00	55.98 -0.11 0.00	70.92 0.28 0.00	62.76 0.50 0.00	45.70 1.16 0.00	40.78 0.64 0.00	39.51 0.58 0.00	38.97 0.88 0.00	39.61 0.89 0.00	39.99 0.78 0.00	42.34 0.13 0.00	47.96 -0.73 0.00	61.59 -1.58 0.00	72.27 -1.78 0.00	68.61 -1.48 0.00	57.19 -1.41 0.00	50.18 -1.45 0.00	46.66 -0.38 0.00	43.81 -0.40 0.00
HOLTSVILLE_IC_1 23690	47.04 1.28 0.00	45.76 1.12 0.00	42.33 0.91 0.00	40.14 0.59 0.00	40.82 0.56 0.00	42.53 0.59 0.00	45.47 -0.45 10.17	48.68 -0.35 21.60	44.04 -0.56 17.66	35.46 0.22 9.31	41.33 1.25 0.06	38.72 1.17 1.37	39.23 1.14 0.00	40.07 1.35 0.00	40.65 1.45 0.00	43.72 1.52 0.00	49.35 0.68 0.02	63.59 0.45 0.02	74.77 0.74 0.02	70.49 0.42 0.02	58.88 0.29 0.02	52.28 0.67 0.02	46.35 0.09 0.78	44.51 0.31 0.01
HOLTSVILLE_IC_10 23699	47.27 1.51 0.00	45.94 1.30 0.00	42.49 1.08 0.00	40.29 0.75 0.00	41.02 0.76 0.00	42.70 0.76 0.00	45.88 -0.22 9.99	49.17 -0.14 21.32	44.56 -0.37 17.34	35.99 0.40 8.96	41.53 1.44 0.05	38.93 1.32 1.32	39.38 1.30 0.00	40.22 1.51 0.00	40.81 1.61 0.00	43.94 1.73 0.00	49.59 0.92 0.02	63.97 0.82 0.02	75.21 1.18 0.02	70.91 0.84 0.02	59.23 0.65 0.02	52.54 0.93 0.02	46.55 0.28 0.77	44.73 0.53 0.01
HOLTSVILLE_IC_2 23691	47.04 1.28 0.00	45.76 1.12 0.00	42.33 0.91 0.00	40.14 0.59 0.00	40.82 0.56 0.00	42.53 0.59 0.00	45.47 -0.45 10.17	48.68 -0.35 21.60	44.04 -0.56 17.66	35.46 0.22 9.31	41.33 1.25 0.06	38.72 1.17 1.37	39.23 1.14 0.00	40.07 1.35 0.00	40.65 1.45 0.00	43.72 1.52 0.00	49.35 0.68 0.02	63.59 0.45 0.02	74.77 0.74 0.02	70.49 0.42 0.02	58.88 0.29 0.02	52.28 0.67 0.02	46.35 0.09 0.78	44.51 0.31 0.01
HOLTSVILLE_IC_3 23692	47.04 1.28 0.00	45.76 1.12 0.00	42.33 0.91 0.00	40.14 0.59 0.00	40.82 0.56 0.00	42.53 0.59 0.00	45.47 -0.45 10.17	48.68 -0.35 21.60	44.04 -0.56 17.66	35.46 0.22 9.31	41.33 1.25 0.06	38.72 1.17 1.37	39.23 1.14 0.00	40.07 1.35 0.00	40.65 1.45 0.00	43.72 1.52 0.00	49.35 0.68 0.02	63.59 0.45 0.02	74.77 0.74 0.02	70.49 0.42 0.02	58.88 0.29 0.02	52.28 0.67 0.02	46.35 0.09 0.78	44.51 0.31 0.01
HOLTSVILLE_IC_4 23693	47.04 1.28 0.00	45.76 1.12 0.00	42.33 0.91 0.00	40.14 0.59 0.00	40.82 0.56 0.00	42.53 0.59 0.00	45.47 -0.45 10.17	48.68 -0.35 21.60	44.04 -0.56 17.66	35.46 0.22 9.31	41.33 1.25 0.06	38.72 1.17 1.37	39.23 1.14 0.00	40.07 1.35 0.00	40.65 1.45 0.00	43.72 1.52 0.00	49.35 0.68 0.02	63.59 0.45 0.02	74.77 0.74 0.02	70.49 0.42 0.02	58.88 0.29 0.02	52.28 0.67 0.02	46.35 0.09 0.78	44.51 0.31 0.01
HOLTSVILLE_IC_5 23694	47.04 1.28 0.00	45.76 1.12 0.00	42.33 0.91 0.00	40.14 0.59 0.00	40.82 0.56 0.00	42.53 0.59 0.00	45.47 -0.45 10.17	48.68 -0.35 21.60	44.04 -0.56 17.66	35.46 0.22 9.31	41.33 1.25 0.06	38.72 1.17 1.37	39.23 1.14 0.00	40.07 1.35 0.00	40.65 1.45 0.00	43.72 1.52 0.00	49.35 0.68 0.02	63.59 0.45 0.02	74.77 0.74 0.02	70.49 0.42 0.02	58.88 0.29 0.02	52.28 0.67 0.02	46.35 0.09 0.78	44.51 0.31 0.01
HOLTSVILLE_IC_6 23695	47.27 1.51 0.00	45.94 1.30 0.00	42.49 1.08 0.00	40.29 0.75 0.00	41.02 0.76 0.00	42.70 0.76 0.00	45.88 -0.22 9.99	49.17 -0.14 21.32	44.56 -0.37 17.34	35.99 0.40 8.96	41.53 1.44 0.05	38.93 1.32 1.32	39.38 1.30 0.00	40.22 1.51 0.00	40.81 1.61 0.00	43.94 1.73 0.00	49.59 0.92 0.02	63.97 0.82 0.02	75.21 1.18 0.02	70.91 0.84 0.02	59.23 0.65 0.02	52.54 0.93 0.02	46.55 0.28 0.77	44.73 0.53 0.01
HOLTSVILLE_IC_7 23696	47.27 1.51 0.00	45.94 1.30 0.00	42.49 1.08 0.00	40.29 0.75 0.00	41.02 0.76 0.00	42.70 0.76 0.00	45.88 -0.22 9.99	49.17 -0.14 21.32	44.56 -0.37 17.34	35.99 0.40 8.96	41.53 1.44 0.05	38.93 1.32 1.32	39.38 1.30 0.00	40.22 1.51 0.00	40.81 1.61 0.00	43.94 1.73 0.00	49.59 0.92 0.02	63.97 0.82 0.02	75.21 1.18 0.02	70.91 0.84 0.02	59.23 0.65 0.02	52.54 0.93 0.02	46.55 0.28 0.77	44.73 0.53 0.01
HOLTSVILLE_IC_8 23697	47.27 1.51 0.00	45.94 1.30 0.00	42.49 1.08 0.00	40.29 0.75 0.00	41.02 0.76 0.00	42.70 0.76 0.00	45.88 -0.22 9.99	49.17 -0.14 21.32	44.56 -0.37 17.34	35.99 0.40 8.96	41.53 1.44 0.05	38.93 1.32 1.32	39.38 1.30 0.00	40.22 1.51 0.00	40.81 1.61 0.00	43.94 1.73 0.00	49.59 0.92 0.02	63.97 0.82 0.02	75.21 1.18 0.02	70.91 0.84 0.02	59.23 0.65 0.02	52.54 0.93 0.02	46.55 0.28 0.77	44.73 0.53 0.01
HOLTSVILLE_IC_9 23698	47.27 1.51 0.00	45.94 1.30 0.00	42.49 1.08 0.00	40.29 0.75 0.00	41.02 0.76 0.00	42.70 0.76 0.00	45.88 -0.22 9.99	49.17 -0.14 21.32	44.56 -0.37 17.34	35.99 0.40 8.96	41.53 1.44 0.05	38.93 1.32 1.32	39.38 1.30 0.00	40.22 1.51 0.00	40.81 1.61 0.00	43.94 1.73 0.00	49.59 0.92 0.02	63.97 0.82 0.02	75.21 1.18 0.02	70.91 0.84 0.02	59.23 0.65 0.02	52.54 0.93 0.02	46.55 0.28 0.77	44.73 0.53 0.01
HOMER_HL_115KV_TB2 355744	45.68 -0.09 0.00	44.29 -0.36 0.00	41.38 -0.04 0.00	39.70 0.16 0.00	40.46 0.20 0.00	42.03 0.08 0.00	56.09 0.00 0.00	70.42 -0.21 0.00	62.58 0.31 0.00	45.66 1.11 0.00	40.74 0.60 0.00	39.63 0.70 0.00	38.74 0.65 0.00	39.38 0.66 0.00	39.63 0.43 0.00	42.04 -0.17 0.00	47.52 -1.17 0.00	61.27 -1.89 0.00	71.90 -2.15 0.00	68.26 -1.82 0.00	56.78 -1.82 0.00	50.64 -0.98 0.00	46.19 -0.85 0.00	43.59 -0.62 0.00
HOWARD_WT_PWR 323690	46.68 0.92 0.00	45.14 0.49 0.00	42.17 0.75 0.00	40.42 0.87 0.00	41.14 0.88 0.00	42.79 0.84 0.00	57.21 1.12 0.00	72.40 1.77 0.00	66.00 3.74 0.00	47.71 3.16 0.00	42.51 2.37 0.00	40.87 1.95 0.00	39.20 1.11 0.00	39.92 1.20 0.00	40.30 1.10 0.00	43.01 0.80 0.00	49.17 0.49 0.00	63.61 0.45 0.00	74.86 0.82 0.00	70.78 0.70 0.00	58.89 0.29 0.00	51.62 0.00 0.00	47.79 0.75 0.00	44.69 0.49 0.00
HQ_GEN_CEDARS 23644	46.73 0.96 0.00	45.63 0.98 0.00	42.29 0.87 0.00	40.42 0.87 0.00	41.11 0.85 0.00	42.79 0.84 0.00	57.50 1.40 0.00	72.26 1.62 0.00	63.63 1.37 0.00	45.53 0.98 0.00	40.98 0.84 0.00	39.86 0.93 0.00	38.97 0.88 0.00	39.45 0.74 0.00	40.03 0.82 0.00	43.14 0.93 0.00	49.66 0.97 0.00	64.74 1.58 0.00	75.67 1.63 0.00	71.83 1.75 0.00	60.18 1.58 0.00	52.97 1.34 0.00	48.40 1.36 0.00	45.35 1.15 0.00
HQ_GEN_CEDARS_PROXY 323590	46.73 0.96 0.00	45.63 0.98 0.00	42.29 0.87 0.00	40.42 0.87 0.00	41.11 0.85 0.00	42.79 0.84 0.00	57.50 1.40 0.00	72.04 1.41 0.00	63.63 1.37 0.00	45.53 0.98 0.00	40.98 0.84 0.00	39.86 0.93 0.00	38.97 0.88 0.00	39.45 0.73 0.00	40.03 0.82 0.00	43.14 0.93 0.00	49.66 0.97 0.00	64.74 1.58 0.00	75.67 1.63 0.00	71.97 1.89 0.00	60.18 1.58 0.00	52.96 1.34 0.00	48.40 1.36 0.00	45.35 1.15 0.00

HQ_GEN_IMPORT 323601	45.95 0.18 0.00	44.83 0.18 0.00	41.59 0.17 0.00	39.71 0.16 0.00	40.42 0.16 0.00	42.07 0.13 0.00	56.43 0.34 0.00	70.99 0.35 0.00	62.58 0.31 0.00	44.82 0.27 0.00	40.38 0.24 0.00	39.20 0.27 0.00	38.32 0.23 0.00	38.91 0.19 0.00	39.44 0.24 0.00	42.47 0.25 0.00	48.93 0.24 0.00	63.61 0.45 0.00	74.49 0.45 0.00	70.57 0.49 0.00	59.01 0.41 0.00	51.99 0.36 0.00	47.41 0.37 0.00	44.52 0.31 0.00
HQ_GEN_WHEEL 23651	45.95 0.18 0.00	44.83 0.18 0.00	41.59 0.17 0.00	39.71 0.16 0.00	40.42 0.16 0.00	42.07 0.13 0.00	56.43 0.34 0.00	70.99 0.35 0.00	62.58 0.31 0.00	44.82 0.27 0.00	40.38 0.24 0.00	39.20 0.27 0.00	38.32 0.23 0.00	38.91 0.19 0.00	39.44 0.24 0.00	42.47 0.25 0.00	48.93 0.24 0.00	63.61 0.45 0.00	74.49 0.45 0.00	70.57 0.49 0.00	59.01 0.41 0.00	51.99 0.36 0.00	47.41 0.37 0.00	44.52 0.31 0.00
HUDSON AVE_GT_3 23810	48.15 2.38 0.00	46.93 2.28 0.00	43.49 2.07 0.00	41.41 1.86 0.00	42.07 1.81 0.00	44.04 2.10 0.00	58.00 1.91 0.00	73.24 2.61 0.00	64.38 2.12 0.00	46.55 2.00 0.00	42.27 2.13 0.00	41.11 2.18 0.00	40.26 2.17 0.00	41.00 2.28 0.00	41.52 2.31 0.00	44.41 2.20 0.00	51.22 2.53 0.00	65.88 2.72 0.00	77.38 3.33 0.00	73.02 2.94 0.00	61.00 2.40 0.00	54.00 2.37 0.00	49.01 1.98 0.00	46.19 1.99 0.00
HUDSON AVE_GT_4 23540	48.15 2.38 0.00	46.93 2.28 0.00	43.49 2.07 0.00	41.41 1.86 0.00	42.07 1.81 0.00	44.04 2.10 0.00	58.00 1.91 0.00	73.24 2.61 0.00	64.38 2.12 0.00	46.55 2.00 0.00	42.27 2.13 0.00	41.11 2.18 0.00	40.26 2.17 0.00	41.00 2.28 0.00	41.52 2.31 0.00	44.41 2.20 0.00	51.22 2.53 0.00	65.88 2.72 0.00	77.38 3.33 0.00	73.02 2.94 0.00	61.00 2.40 0.00	54.00 2.37 0.00	49.01 1.98 0.00	46.19 1.99 0.00
HUDSON AVE_GT_5 23657	48.15 2.38 0.00	46.93 2.28 0.00	43.49 2.07 0.00	41.41 1.86 0.00	42.07 1.81 0.00	44.04 2.10 0.00	58.00 1.91 0.00	73.24 2.61 0.00	64.38 2.12 0.00	46.55 2.00 0.00	42.27 2.13 0.00	41.11 2.18 0.00	40.26 2.17 0.00	41.00 2.28 0.00	41.52 2.31 0.00	44.41 2.20 0.00	51.22 2.53 0.00	65.88 2.72 0.00	77.38 3.33 0.00	73.02 2.94 0.00	61.00 2.40 0.00	54.00 2.37 0.00	49.01 1.98 0.00	46.19 1.99 0.00
HUDSON_AVE_10 24168	48.01 2.24 0.00	46.75 2.10 0.00	43.33 1.91 0.00	41.21 1.66 0.00	41.91 1.65 0.00	43.88 1.93 0.00	57.72 1.63 0.00	72.89 2.26 0.00	64.07 1.81 0.00	46.42 1.87 0.00	42.11 1.97 0.00	40.95 2.02 0.00	40.11 2.02 0.00	40.81 2.09 0.00	41.32 2.12 0.00	44.24 2.03 0.00	51.02 2.34 0.00	65.56 2.40 0.00	77.08 3.04 0.00	72.67 2.59 0.00	60.71 2.11 0.00	53.79 2.17 0.00	48.83 1.79 0.00	46.06 1.86 0.00
HUDSON___115KV_TB 4 355613	46.64 0.87 0.00	45.50 0.85 0.00	42.21 0.79 0.00	40.26 0.71 0.00	42.07 1.81 0.00	44.04 2.10 0.00	58.45 2.36 0.00	73.67 3.04 0.00	64.01 1.74 0.00	44.99 0.45 0.00	40.38 0.24 0.00	38.97 0.04 0.00	38.17 0.08 0.00	38.95 0.23 0.00	39.56 0.35 0.00	42.89 0.68 0.00	49.12 0.44 0.00	64.24 1.07 0.00	75.67 1.63 0.00	71.48 1.40 0.00	59.71 1.11 0.00	52.35 0.72 0.00	47.70 0.66 0.00	44.91 0.71 0.00
HUNTER MOUNT___DRP 323613	46.78 1.01 0.00	45.63 0.98 0.00	42.37 0.95 0.00	40.38 0.83 0.00	41.79 1.53 0.00	43.75 1.80 0.00	58.06 1.96 0.00	73.10 2.47 0.00	63.63 1.37 0.00	44.68 0.13 0.00	40.14 0.00 0.00	38.77 -0.16 0.00	37.98 -0.11 0.00	38.72 0.00 0.00	39.36 0.16 0.00	42.63 0.42 0.00	49.07 0.39 0.00	64.36 1.20 0.00	75.90 1.85 0.00	71.69 1.61 0.00	59.83 1.23 0.00	52.50 0.88 0.00	47.79 0.75 0.00	45.00 0.80 0.00
HUNTINGTON_RES_REC 323705	47.19 1.42 0.00	45.94 1.30 0.00	42.49 1.08 0.00	40.29 0.75 0.00	40.98 0.73 0.00	42.70 0.76 0.00	43.96 -0.28 11.85	49.30 -0.14 21.19	41.30 -0.37 20.60	28.09 0.45 16.90	41.48 1.44 0.10	37.76 1.32 2.49	39.42 1.33 0.00	40.26 1.55 0.00	40.85 1.65 0.00	43.90 1.69 0.00	49.40 0.73 0.01	63.72 0.57 0.01	74.92 0.89 0.01	70.62 0.56 0.01	58.99 0.41 0.01	52.28 0.67 0.01	46.46 0.19 0.77	44.64 0.44 0.01
HUNTLEY___63 23557	45.86 0.09 0.00	44.29 -0.36 0.00	41.42 0.00 0.00	39.78 0.24 0.00	40.50 0.24 0.00	41.78 -0.17 0.00	55.59 -0.50 0.00	70.28 -0.35 0.00	62.70 0.44 0.00	46.02 1.47 0.00	41.02 0.88 0.00	39.94 1.01 0.00	39.23 1.14 0.00	39.80 1.08 0.00	40.18 0.98 0.00	42.42 0.21 0.00	47.61 -1.07 0.00	61.02 -2.15 0.00	71.45 -2.59 0.00	67.98 -2.10 0.00	56.72 -1.88 0.00	50.75 -0.88 0.00	46.43 -0.61 0.00	43.54 -0.66 0.00
HUNTLEY___64 23558	45.86 0.09 0.00	44.29 -0.36 0.00	41.42 0.00 0.00	39.78 0.24 0.00	40.50 0.24 0.00	41.78 -0.17 0.00	55.59 -0.50 0.00	70.28 -0.35 0.00	62.70 0.44 0.00	46.02 1.47 0.00	41.02 0.88 0.00	39.94 1.01 0.00	39.23 1.14 0.00	39.80 1.08 0.00	40.18 0.98 0.00	42.42 0.21 0.00	47.61 -1.07 0.00	61.02 -2.15 0.00	71.45 -2.59 0.00	67.98 -2.10 0.00	56.72 -1.88 0.00	50.75 -0.88 0.00	46.43 -0.61 0.00	43.54 -0.66 0.00
HUNTLEY___65 23559	45.86 0.09 0.00	44.29 -0.36 0.00	41.42 0.00 0.00	39.78 0.24 0.00	40.50 0.24 0.00	41.78 -0.17 0.00	55.59 -0.50 0.00	70.28 -0.35 0.00	62.70 0.44 0.00	46.02 1.47 0.00	41.02 0.88 0.00	39.94 1.01 0.00	39.23 1.14 0.00	39.80 1.08 0.00	40.18 0.98 0.00	42.42 0.21 0.00	47.61 -1.07 0.00	61.02 -2.15 0.00	71.45 -2.59 0.00	67.98 -2.10 0.00	56.72 -1.88 0.00	50.75 -0.88 0.00	46.43 -0.61 0.00	43.54 -0.66 0.00
HUNTLEY___66 23560	45.86 0.09 0.00	44.29 -0.36 0.00	41.42 0.00 0.00	39.78 0.24 0.00	40.50 0.24 0.00	41.78 -0.17 0.00	55.59 -0.50 0.00	70.28 -0.35 0.00	62.70 0.44 0.00	46.02 1.47 0.00	41.02 0.88 0.00	39.94 1.01 0.00	39.23 1.14 0.00	39.80 1.08 0.00	40.18 0.98 0.00	42.42 0.21 0.00	47.61 -1.07 0.00	61.02 -2.15 0.00	71.45 -2.59 0.00	67.98 -2.10 0.00	56.72 -1.88 0.00	50.75 -0.88 0.00	46.43 -0.61 0.00	43.54 -0.66 0.00
HUNTLEY___67 23561	45.63 -0.14 0.00	44.07 -0.58 0.00	41.25 -0.17 0.00	39.59 0.04 0.00	40.30 0.04 0.00	41.61 -0.34 0.00	55.36 -0.73 0.00	70.00 -0.64 0.00	62.39 0.12 0.00	45.75 1.20 0.00	40.82 0.68 0.00	39.75 0.82 0.00	39.00 0.91 0.00	39.61 0.89 0.00	39.95 0.74 0.00	42.21 0.00 0.00	47.42 -1.27 0.00	60.70 -2.46 0.00	71.16 -2.89 0.00	67.70 -2.38 0.00	56.43 -2.17 0.00	50.54 -1.08 0.00	46.19 -0.85 0.00	43.37 -0.84 0.00
HUNTLEY___68 23562	45.63 -0.14 0.00	44.07 -0.58 0.00	41.25 -0.17 0.00	39.59 0.04 0.00	40.30 0.04 0.00	41.61 -0.34 0.00	55.36 -0.73 0.00	70.00 -0.64 0.00	62.39 0.12 0.00	45.75 1.20 0.00	40.82 0.68 0.00	39.75 0.82 0.00	39.00 0.91 0.00	39.61 0.89 0.00	39.95 0.74 0.00	42.21 0.00 0.00	47.42 -1.27 0.00	60.70 -2.46 0.00	71.16 -2.89 0.00	67.70 -2.38 0.00	56.43 -2.17 0.00	50.54 -1.08 0.00	46.19 -0.85 0.00	43.37 -0.84 0.00

HYLAND___LFGE 323620	48.19 2.42 0.00	46.53 1.88 0.00	43.41 1.99 0.00	41.60 2.06 0.00	42.43 2.17 0.00	43.92 1.97 0.00	59.01 2.92 0.00	74.94 4.31 0.00	65.75 3.48 0.00	46.86 2.32 0.00	41.50 1.37 0.00	39.98 1.05 0.00	39.39 1.30 0.00	39.99 1.28 0.00	40.42 1.22 0.00	43.31 1.10 0.00	50.00 1.32 0.00	65.50 2.34 0.00	77.53 3.48 0.00	73.72 3.64 0.00	60.88 2.28 0.00	53.38 1.76 0.00	49.39 2.35 0.00	45.79 1.59 0.00
INDECK___CORINTH 23802	46.68 0.92 0.00	45.50 0.85 0.00	42.25 0.83 0.00	40.34 0.79 0.00	40.99 0.73 0.00	42.74 0.79 0.00	56.82 0.73 0.00	71.97 1.34 0.00	62.89 0.62 0.00	44.46 -0.09 0.00	39.90 -0.24 0.00	38.50 -0.43 0.00	37.59 -0.50 0.00	38.29 -0.43 0.00	38.89 -0.31 0.00	42.25 0.04 0.00	48.98 0.29 0.00	64.17 1.01 0.00	75.53 1.48 0.00	71.27 1.19 0.00	59.53 0.93 0.00	52.35 0.72 0.00	47.74 0.71 0.00	44.96 0.75 0.00
INDECK___ILION 23567	46.91 1.14 0.00	45.81 1.16 0.00	42.50 1.08 0.00	40.54 0.99 0.00	41.31 1.05 0.00	43.04 1.09 0.00	57.50 1.40 0.00	72.40 1.77 0.00	63.82 1.56 0.00	45.57 1.02 0.00	41.10 0.96 0.00	39.79 0.86 0.00	38.93 0.84 0.00	39.57 0.85 0.00	40.03 0.82 0.00	43.14 0.93 0.00	49.76 1.07 0.00	64.62 1.45 0.00	75.82 1.78 0.00	71.76 1.68 0.00	60.00 1.41 0.00	52.91 1.29 0.00	48.17 1.13 0.00	45.31 1.11 0.00
INDECK___OLEAN 23982	45.68 -0.09 0.00	44.16 -0.49 0.00	41.38 -0.04 0.00	39.71 0.16 0.00	40.46 0.20 0.00	42.03 0.08 0.00	56.09 0.00 0.00	70.63 0.00 0.00	62.58 0.31 0.00	45.66 1.11 0.00	40.74 0.60 0.00	39.51 0.58 0.00	38.74 0.65 0.00	39.37 0.66 0.00	39.64 0.43 0.00	41.96 -0.25 0.00	47.52 -1.17 0.00	61.27 -1.89 0.00	71.90 -2.15 0.00	68.26 -1.82 0.00	56.78 -1.82 0.00	49.92 -1.70 0.00	46.19 -0.85 0.00	43.59 -0.62 0.00
INDECK___OSWEGO 23783	45.63 -1.01 -0.87	44.08 -1.03 -0.45	40.47 -0.95 0.00	38.68 -0.87 0.00	39.37 -0.89 0.00	40.98 -0.96 0.00	54.91 -1.18 0.00	69.14 -1.49 0.00	61.15 -1.12 0.00	43.75 -0.80 0.00	39.34 -0.80 0.00	38.11 -0.82 0.00	37.29 -0.80 0.00	37.94 -0.77 0.00	38.34 -0.86 0.00	41.28 -0.93 0.00	47.61 -1.07 0.00	61.71 -1.45 0.00	73.96 -1.63 -1.54	68.54 -1.54 0.00	57.25 -1.35 0.00	50.44 -1.19 0.00	46.00 -1.04 0.00	43.14 -1.06 0.00
INDECK___YERKES 23781	45.86 0.09 0.00	44.16 -0.49 0.00	41.46 0.04 0.00	39.83 0.28 0.00	40.54 0.28 0.00	41.82 -0.13 0.00	55.64 -0.45 0.00	70.63 0.00 0.00	62.76 0.50 0.00	46.06 1.52 0.00	41.06 0.92 0.00	39.86 0.93 0.00	39.27 1.18 0.00	39.84 1.12 0.00	40.18 0.98 0.00	42.38 0.17 0.00	47.66 -1.02 0.00	61.02 -2.15 0.00	71.53 -2.52 0.00	68.05 -2.03 0.00	56.78 -1.82 0.00	49.82 -1.81 0.00	46.42 -0.61 0.00	43.59 -0.62 0.00
INDIAN POINT_GT_1 24139	47.74 1.97 0.00	46.57 1.92 0.00	43.20 1.78 0.00	41.13 1.58 0.00	41.83 1.57 0.00	43.71 1.76 0.00	57.66 1.57 0.00	72.75 2.12 0.00	63.95 1.68 0.00	46.15 1.60 0.00	41.86 1.73 0.00	40.68 1.75 0.00	39.88 1.79 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.03 1.82 0.00	50.73 2.04 0.00	65.37 2.21 0.00	76.86 2.81 0.00	72.53 2.45 0.00	60.53 1.93 0.00	53.58 1.96 0.00	48.64 1.60 0.00	45.84 1.64 0.00
INDIAN POINT_GT_2 23659	47.74 1.97 0.00	46.57 1.92 0.00	43.20 1.78 0.00	41.13 1.58 0.00	41.83 1.57 0.00	43.71 1.76 0.00	57.66 1.57 0.00	72.75 2.12 0.00	63.95 1.68 0.00	46.15 1.60 0.00	41.86 1.73 0.00	40.68 1.75 0.00	39.88 1.79 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.03 1.82 0.00	50.73 2.04 0.00	65.37 2.21 0.00	76.86 2.81 0.00	72.53 2.45 0.00	60.53 1.93 0.00	53.58 1.96 0.00	48.64 1.60 0.00	45.84 1.64 0.00
INDIAN POINT_GT_3 24019	47.74 1.97 0.00	46.57 1.92 0.00	43.20 1.78 0.00	41.13 1.58 0.00	41.83 1.57 0.00	43.71 1.76 0.00	57.66 1.57 0.00	72.75 2.12 0.00	63.95 1.68 0.00	46.15 1.60 0.00	41.86 1.73 0.00	40.68 1.75 0.00	39.88 1.79 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.03 1.82 0.00	50.73 2.04 0.00	65.37 2.21 0.00	76.86 2.81 0.00	72.53 2.45 0.00	60.53 1.93 0.00	53.58 1.96 0.00	48.64 1.60 0.00	45.84 1.64 0.00
INDIAN POINT___2 23530	47.74 1.97 0.00	46.61 1.96 0.00	43.20 1.78 0.00	41.09 1.54 0.00	41.79 1.53 0.00	43.75 1.80 0.00	57.66 1.57 0.00	72.75 2.12 0.00	63.95 1.68 0.00	46.15 1.60 0.00	41.86 1.72 0.00	40.72 1.79 0.00	39.84 1.75 0.00	40.58 1.86 0.00	41.08 1.88 0.00	44.03 1.81 0.00	50.73 2.04 0.00	65.31 2.15 0.00	76.79 2.74 0.00	72.46 2.38 0.00	60.53 1.93 0.00	53.63 2.01 0.00	48.64 1.60 0.00	45.84 1.64 0.00
INDIAN POINT___3 23531	47.69 1.92 0.00	46.53 1.88 0.00	43.16 1.74 0.00	41.09 1.54 0.00	41.79 1.53 0.00	43.71 1.76 0.00	57.61 1.51 0.00	72.68 2.05 0.00	63.88 1.62 0.00	46.11 1.56 0.00	41.82 1.69 0.00	40.64 1.71 0.00	39.84 1.75 0.00	40.54 1.82 0.00	41.05 1.84 0.00	43.94 1.73 0.00	50.68 2.00 0.00	65.31 2.15 0.00	76.79 2.74 0.00	72.46 2.38 0.00	60.47 1.88 0.00	53.53 1.91 0.00	48.59 1.55 0.00	45.84 1.64 0.00
INGHAM_C_115KV_TB7 356103	48.24 2.47 0.00	47.15 2.50 0.00	43.74 2.32 0.00	41.72 2.18 0.00	42.51 2.25 0.00	44.30 2.35 0.00	59.12 3.03 0.00	74.45 3.81 0.00	65.63 3.36 0.00	46.86 2.32 0.00	42.27 2.13 0.00	40.91 1.99 0.00	39.99 1.90 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.28 2.07 0.00	51.02 2.34 0.00	66.32 3.16 0.00	77.82 3.78 0.00	73.65 3.57 0.00	61.58 2.99 0.00	54.41 2.79 0.00	49.53 2.49 0.00	46.59 2.39 0.00
IP CORINTH___1 23988	46.96 1.19 0.00	45.72 1.07 0.00	42.46 1.04 0.00	40.54 0.99 0.00	41.19 0.93 0.00	42.95 1.01 0.00	57.16 1.07 0.00	72.33 1.70 0.00	63.26 1.00 0.00	44.68 0.13 0.00	40.14 0.00 0.00	38.70 -0.23 0.00	37.82 -0.27 0.00	38.52 -0.19 0.00	39.09 -0.12 0.00	42.47 0.25 0.00	49.27 0.58 0.00	64.55 1.39 0.00	75.97 1.93 0.00	71.69 1.61 0.00	59.89 1.29 0.00	52.50 0.88 0.00	48.03 0.99 0.00	45.18 0.97 0.00
IP___TICONDEROGA 23804	49.02 3.25 0.00	47.60 2.95 0.00	44.20 2.78 0.00	42.20 2.65 0.00	42.80 2.54 0.00	44.76 2.81 0.00	59.63 3.53 0.00	75.72 5.09 0.00	65.88 3.61 0.00	46.24 1.69 0.00	41.38 1.24 0.00	39.79 0.86 0.00	38.81 0.72 0.00	39.49 0.77 0.00	40.07 0.86 0.00	43.69 1.48 0.00	50.97 2.29 0.00	67.33 4.17 0.00	79.53 5.48 0.00	74.99 4.91 0.00	62.52 3.93 0.00	54.82 3.20 0.00	50.14 3.10 0.00	47.03 2.83 0.00
ISLIP_RES_REC 323679	47.46 1.69 0.00	46.08 1.43 0.00	42.66 1.24 0.00	40.45 0.91 0.00	41.14 0.88 0.00	42.87 0.92 0.00	46.30 -0.11 9.68	49.56 0.07 21.14	45.28 -0.19 16.80	37.15 0.58 7.97	41.65 1.56 0.05	39.19 1.44 1.18	39.53 1.45 0.00	40.34 1.63 0.00	40.92 1.72 0.00	44.11 1.90 0.00	49.79 1.12 0.01	64.22 1.07 0.01	75.51 1.48 0.01	71.18 1.12 0.01	59.46 0.88 0.01	52.74 1.13 0.01	46.65 0.37 0.76	44.86 0.66 0.01

JAMAICA__27_KV_LOAD 355505	48.06 2.29 0.00	46.75 2.10 0.00	43.28 1.86 0.00	41.17 1.62 0.00	41.87 1.61 0.00	43.88 1.93 0.00	57.61 1.51 0.00	72.82 2.19 0.00	64.01 1.74 0.00	46.42 1.87 0.00	42.02 1.89 0.00	40.88 1.95 0.00	40.03 1.94 0.00	40.73 2.01 0.00	41.28 2.08 0.00	44.15 1.94 0.00	51.02 2.34 0.00	65.44 2.27 0.00	76.93 2.89 0.00	72.53 2.45 0.00	60.59 1.99 0.00	53.74 2.12 0.00	48.92 1.88 0.00	46.11 1.90 0.00
JANIS__SOLAR 323808	47.74 1.97 0.00	46.57 1.92 0.00	43.29 1.87 0.00	41.33 1.78 0.00	42.11 1.85 0.00	43.84 1.89 0.00	58.90 2.80 0.00	74.37 3.74 0.00	65.56 3.30 0.00	46.46 1.91 0.00	41.50 1.37 0.00	40.10 1.17 0.00	39.23 1.14 0.00	39.88 1.16 0.00	40.22 1.02 0.00	43.60 1.39 0.00	50.58 1.90 0.00	66.01 2.84 0.00	77.82 3.77 0.00	73.72 3.64 0.00	61.41 2.81 0.00	53.95 2.33 0.00	49.30 2.26 0.00	46.06 1.86 0.00
JARVIS____ 23743	45.91 0.14 0.00	44.83 0.18 0.00	41.59 0.17 0.00	39.67 0.12 0.00	40.42 0.16 0.00	42.12 0.17 0.00	56.21 0.11 0.00	70.84 0.21 0.00	62.39 0.12 0.00	44.59 0.04 0.00	40.18 0.04 0.00	38.97 0.04 0.00	38.13 0.04 0.00	38.76 0.04 0.00	39.24 0.04 0.00	42.30 0.08 0.00	48.78 0.10 0.00	63.29 0.13 0.00	74.27 0.22 0.00	70.22 0.14 0.00	58.71 0.12 0.00	51.78 0.16 0.00	47.13 0.09 0.00	44.29 0.09 0.00
JENNISON____1 23625	47.88 2.11 0.00	46.84 2.19 0.00	43.49 2.07 0.00	41.48 1.94 0.00	42.31 2.05 0.00	44.00 2.06 0.00	59.01 2.92 0.00	74.52 3.88 0.00	65.81 3.55 0.00	46.82 2.27 0.00	42.02 1.89 0.00	40.64 1.71 0.00	39.73 1.64 0.00	40.42 1.70 0.00	40.73 1.53 0.00	44.03 1.82 0.00	50.88 2.19 0.00	66.19 3.03 0.00	77.82 3.78 0.00	73.86 3.78 0.00	61.58 2.99 0.00	54.36 2.74 0.00	49.39 2.35 0.00	46.28 2.08 0.00
JENNISON____2 23626	47.88 2.11 0.00	46.84 2.19 0.00	43.49 2.07 0.00	41.48 1.94 0.00	42.31 2.05 0.00	44.00 2.06 0.00	59.01 2.92 0.00	74.52 3.88 0.00	65.81 3.55 0.00	46.82 2.27 0.00	42.02 1.89 0.00	40.64 1.71 0.00	39.73 1.64 0.00	40.42 1.70 0.00	40.73 1.53 0.00	44.03 1.82 0.00	50.88 2.19 0.00	66.19 3.03 0.00	77.82 3.78 0.00	73.86 3.78 0.00	61.58 2.99 0.00	54.36 2.74 0.00	49.39 2.35 0.00	46.28 2.08 0.00
JERICOHO_RISE_WT_PWR 323719	46.13 0.36 0.00	45.01 0.36 0.00	41.67 0.25 0.00	39.86 0.31 0.00	40.54 0.28 0.00	42.20 0.25 0.00	56.54 0.45 0.00	70.92 0.28 0.00	62.70 0.44 0.00	44.99 0.45 0.00	40.54 0.40 0.00	39.43 0.50 0.00	38.51 0.42 0.00	38.95 0.23 0.00	39.52 0.31 0.00	42.59 0.38 0.00	48.98 0.29 0.00	63.92 0.76 0.00	74.71 0.66 0.00	71.06 0.98 0.00	59.36 0.76 0.00	52.25 0.62 0.00	47.84 0.80 0.00	44.82 0.62 0.00
KATONAH__115KV_46KV_TB4 355592	47.83 2.06 0.00	46.71 2.05 0.00	43.37 1.95 0.00	41.25 1.70 0.00	41.95 1.69 0.00	43.79 1.85 0.00	57.89 1.79 0.00	72.96 2.33 0.00	64.26 1.99 0.00	46.24 1.69 0.00	42.02 1.89 0.00	40.84 1.91 0.00	40.03 1.94 0.00	40.73 2.01 0.00	41.20 2.00 0.00	44.15 1.94 0.00	50.97 2.29 0.00	65.56 2.40 0.00	77.08 3.04 0.00	72.74 2.66 0.00	60.76 2.17 0.00	53.74 2.12 0.00	48.73 1.69 0.00	45.97 1.77 0.00
KCE_NY_1 323755	47.33 1.56 0.00	46.08 1.43 0.00	42.75 1.33 0.00	40.81 1.27 0.00	41.51 1.25 0.00	43.33 1.38 0.00	57.83 1.74 0.00	72.96 2.33 0.00	63.95 1.68 0.00	45.22 0.67 0.00	40.62 0.48 0.00	39.28 0.35 0.00	38.36 0.27 0.00	39.07 0.35 0.00	39.68 0.47 0.00	43.01 0.80 0.00	49.90 1.22 0.00	65.18 2.02 0.00	76.64 2.59 0.00	72.32 2.24 0.00	60.47 1.87 0.00	53.23 1.60 0.00	48.40 1.36 0.00	45.53 1.32 0.00
KCE_NY_6_ESR 323823	46.05 0.28 0.00	44.38 -0.27 0.00	41.63 0.21 0.00	39.98 0.44 0.00	40.70 0.44 0.00	42.07 0.13 0.00	55.98 -0.11 0.00	70.99 0.35 0.00	63.01 0.75 0.00	46.15 1.60 0.00	41.14 1.00 0.00	39.94 1.01 0.00	39.31 1.22 0.00	39.96 1.24 0.00	40.26 1.06 0.00	42.51 0.30 0.00	47.96 -0.73 0.00	61.46 -1.70 0.00	72.05 -2.00 0.00	68.47 -1.61 0.00	57.13 -1.46 0.00	50.12 -1.50 0.00	46.66 -0.38 0.00	43.81 -0.40 0.00
KEDC PORT_JEFF_GT2 24210	47.23 1.46 0.00	45.90 1.25 0.00	42.45 1.04 0.00	40.29 0.75 0.00	40.98 0.73 0.00	42.70 0.76 0.00	45.55 -0.28 10.26	49.07 -0.14 21.42	44.07 -0.37 17.82	34.99 0.40 9.96	41.48 1.40 0.06	38.74 1.28 1.47	39.38 1.30 0.00	40.22 1.51 0.00	40.81 1.61 0.00	43.90 1.69 0.00	49.55 0.88 0.02	63.84 0.70 0.02	74.85 0.82 0.02	70.62 0.56 0.02	59.11 0.53 0.02	52.48 0.88 0.02	46.50 0.24 0.77	44.69 0.49 0.01
KEDC PORT_JEFF_GT3 24211	47.23 1.46 0.00	45.90 1.25 0.00	42.45 1.04 0.00	40.29 0.75 0.00	40.98 0.73 0.00	42.70 0.76 0.00	45.55 -0.28 10.26	49.07 -0.14 21.42	44.07 -0.37 17.82	34.99 0.40 9.96	41.48 1.40 0.06	38.74 1.28 1.47	39.38 1.30 0.00	40.22 1.51 0.00	40.81 1.61 0.00	43.90 1.69 0.00	49.55 0.88 0.02	63.84 0.70 0.02	74.85 0.82 0.02	70.62 0.56 0.02	59.11 0.53 0.02	52.48 0.88 0.02	46.50 0.24 0.77	44.69 0.49 0.01
KEDC_GLWD_GT4 24219	47.98 2.20 -0.01	46.67 2.01 -0.01	43.21 1.78 -0.01	41.09 1.54 0.00	41.79 1.53 0.00	43.58 1.63 0.00	54.81 1.29 2.57	65.46 1.83 7.00	59.24 1.43 4.46	46.01 1.47 0.00	42.19 2.05 -0.01	40.96 2.02 -0.01	40.08 1.98 -0.01	40.85 2.13 -0.01	41.37 2.15 -0.01	44.46 2.24 -0.01	50.72 2.04 0.01	65.31 2.15 0.01	76.85 2.81 0.01	72.46 2.38 0.01	60.52 1.93 0.01	53.63 2.01 0.01	48.24 1.46 0.25	45.75 1.55 0.00
KEDC_GLWD_GT5 24220	47.98 2.20 -0.01	46.67 2.01 -0.01	43.21 1.78 -0.01	41.09 1.54 0.00	41.79 1.53 0.00	43.58 1.63 0.00	54.81 1.29 2.57	65.46 1.83 7.00	59.24 1.43 4.46	46.01 1.47 0.00	42.19 2.05 -0.01	40.96 2.02 -0.01	40.08 1.98 -0.01	40.85 2.13 -0.01	41.37 2.15 -0.01	44.46 2.24 -0.01	50.72 2.04 0.01	65.31 2.15 0.01	76.85 2.81 0.01	72.46 2.38 0.01	60.52 1.93 0.01	53.63 2.01 0.01	48.24 1.46 0.25	45.75 1.55 0.00
KENSICO____ 23655	47.83 2.06 0.00	46.66 2.01 0.00	43.24 1.82 0.00	41.17 1.62 0.00	41.87 1.61 0.00	43.79 1.85 0.00	57.72 1.63 0.00	72.82 2.19 0.00	64.01 1.74 0.00	46.24 1.69 0.00	41.94 1.81 0.00	40.80 1.87 0.00	39.96 1.87 0.00	40.65 1.94 0.00	41.16 1.96 0.00	44.11 1.90 0.00	50.83 2.14 0.00	65.50 2.34 0.00	76.93 2.89 0.00	72.60 2.52 0.00	60.65 2.05 0.00	53.64 2.01 0.00	48.68 1.65 0.00	45.93 1.72 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.29 2.52 0.00	47.15 2.50 0.00	43.78 2.36 0.00	41.64 2.10 0.00	42.35 2.09 0.00	44.30 2.35 0.00	58.39 2.30 0.00	73.60 2.97 0.00	64.57 2.30 0.00	46.33 1.78 0.00	41.90 1.77 0.00	40.68 1.75 0.00	39.88 1.79 0.00	40.65 1.94 0.00	41.12 1.92 0.00	44.15 1.94 0.00	51.02 2.34 0.00	66.13 2.97 0.00	77.90 3.85 0.00	73.65 3.57 0.00	61.41 2.81 0.00	54.26 2.63 0.00	49.30 2.26 0.00	46.42 2.21 0.00

KIAC_JFK_GT1 23816	47.78 2.01 0.00	46.53 1.88 0.00	43.08 1.66 0.00	40.97 1.42 0.00	41.67 1.41 0.00	43.62 1.68 0.00	57.05 0.95 0.00	72.11 1.48 0.00	63.39 1.12 0.00	46.15 1.60 0.00	41.78 1.65 0.00	40.64 1.71 0.00	39.80 1.71 0.00	40.54 1.82 0.00	41.05 1.84 0.00	43.94 1.73 0.00	50.73 2.04 0.00	64.81 1.64 0.00	76.19 2.15 0.00	71.83 1.75 0.00	60.00 1.41 0.00	53.43 1.81 0.00	48.64 1.60 0.00	45.89 1.68 0.00
KIAC_JFK_GT2 23817	47.78 2.01 0.00	46.53 1.88 0.00	43.08 1.66 0.00	40.97 1.42 0.00	41.67 1.41 0.00	43.62 1.68 0.00	57.05 0.95 0.00	72.11 1.48 0.00	63.39 1.12 0.00	46.15 1.60 0.00	41.78 1.65 0.00	40.64 1.71 0.00	39.80 1.71 0.00	40.54 1.82 0.00	41.05 1.84 0.00	43.94 1.73 0.00	50.73 2.04 0.00	64.81 1.64 0.00	76.19 2.15 0.00	71.83 1.75 0.00	60.00 1.41 0.00	53.43 1.81 0.00	48.64 1.60 0.00	45.89 1.68 0.00
KIAC_JFK____ 323774	47.78 2.01 0.00	46.57 1.92 0.00	43.08 1.66 0.00	40.97 1.42 0.00	41.67 1.41 0.00	43.63 1.68 0.00	57.05 0.95 0.00	72.12 1.49 0.00	63.39 1.12 0.00	46.15 1.60 0.00	41.78 1.65 0.00	40.68 1.75 0.00	39.81 1.72 0.00	40.54 1.82 0.00	41.05 1.84 0.00	43.98 1.77 0.00	50.73 2.04 0.00	64.80 1.64 0.00	76.19 2.15 0.00	71.83 1.75 0.00	60.00 1.40 0.00	53.58 1.96 0.00	48.64 1.60 0.00	45.88 1.68 0.00
KINTIGH__24_KV_GSU 356498	45.50 -0.27 0.00	43.80 -0.85 0.00	41.09 -0.33 0.00	39.39 -0.16 0.00	40.14 -0.12 0.00	41.45 -0.50 0.00	55.19 -0.90 0.00	70.06 -0.57 0.00	62.20 -0.06 0.00	45.48 0.94 0.00	40.62 0.48 0.00	39.43 0.50 0.00	38.85 0.76 0.00	39.37 0.66 0.00	39.75 0.55 0.00	42.00 -0.21 0.00	47.47 -1.22 0.00	60.83 -2.34 0.00	71.23 -2.81 0.00	67.70 -2.38 0.00	56.49 -2.11 0.00	49.61 -2.01 0.00	46.14 -0.90 0.00	43.27 -0.93 0.00
KINTIGH____ 23543	45.50 -0.27 0.00	43.94 -0.71 0.00	41.09 -0.33 0.00	39.39 -0.16 0.00	40.14 -0.12 0.00	41.44 -0.50 0.00	55.20 -0.90 0.00	69.85 -0.78 0.00	62.20 -0.06 0.00	45.48 0.94 0.00	40.62 0.48 0.00	39.59 0.66 0.00	38.81 0.72 0.00	39.38 0.66 0.00	39.75 0.55 0.00	42.00 -0.13 0.00	47.47 -1.22 0.00	60.83 -2.34 0.00	71.23 -2.81 0.00	67.77 -2.31 0.00	56.49 -2.11 0.00	50.49 -1.14 0.00	46.14 -0.89 0.00	43.23 -0.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	46.55 0.78 0.00	45.41 0.76 0.00	42.04 0.62 0.00	40.22 0.67 0.00	40.90 0.64 0.00	42.58 0.63 0.00	56.93 0.84 0.00	71.55 0.92 0.00	63.07 0.81 0.00	45.39 0.85 0.00	40.86 0.72 0.00	39.79 0.86 0.00	38.85 0.76 0.00	39.26 0.54 0.00	39.87 0.67 0.00	42.97 0.76 0.00	49.32 0.63 0.00	64.49 1.33 0.00	75.30 1.26 0.00	71.48 1.40 0.00	59.89 1.29 0.00	52.60 0.98 0.00	48.35 1.32 0.00	45.27 1.06 0.00
LACHUTE____HYDRO 323717	49.02 3.25 0.00	47.60 2.95 0.00	44.20 2.78 0.00	42.20 2.65 0.00	42.80 2.54 0.00	44.76 2.81 0.00	59.63 3.54 0.00	75.78 5.15 0.00	65.87 3.61 0.00	46.24 1.69 0.00	41.38 1.25 0.00	39.78 0.86 0.00	38.81 0.72 0.00	39.49 0.77 0.00	40.11 0.90 0.00	43.69 1.48 0.00	50.97 2.29 0.00	67.33 4.17 0.00	79.53 5.48 0.00	74.98 4.90 0.00	62.52 3.93 0.00	54.93 3.31 0.00	50.14 3.10 0.00	47.04 2.83 0.00
LAWRNCAY_115KV_TB1 80681	47.01 1.24 0.00	45.95 1.29 0.00	42.54 1.12 0.00	40.65 1.11 0.00	41.35 1.09 0.00	43.00 1.05 0.00	57.94 1.85 0.00	72.68 2.05 0.00	64.01 1.74 0.00	45.66 1.11 0.00	41.06 0.92 0.00	39.90 0.97 0.00	38.97 0.88 0.00	39.38 0.66 0.00	39.99 0.78 0.00	43.14 0.93 0.00	49.71 1.02 0.00	65.06 1.89 0.00	76.12 2.07 0.00	72.39 2.31 0.00	60.59 1.99 0.00	53.43 1.81 0.00	48.83 1.79 0.00	45.66 1.46 0.00
LEDERLE____ 23769	47.97 2.20 0.00	46.79 2.14 0.00	43.41 1.99 0.00	41.29 1.74 0.00	41.99 1.73 0.00	44.04 2.10 0.00	58.06 1.96 0.00	73.24 2.61 0.00	64.32 2.05 0.00	46.37 1.83 0.00	42.06 1.93 0.00	40.88 1.95 0.00	40.03 1.94 0.00	40.81 2.09 0.00	41.28 2.08 0.00	44.20 1.98 0.00	50.92 2.24 0.00	65.69 2.53 0.00	77.23 3.18 0.00	72.88 2.80 0.00	60.82 2.23 0.00	53.84 2.22 0.00	48.87 1.83 0.00	46.06 1.86 0.00
LIGHTHSE_115KV_TB6 355974	46.06 -0.14 -0.43	44.78 -0.09 -0.22	41.34 -0.08 0.00	39.47 -0.08 0.00	40.22 -0.04 0.00	41.82 -0.13 0.00	56.04 -0.06 0.00	70.56 -0.07 0.00	62.45 0.19 0.00	44.50 -0.04 0.00	39.98 -0.16 0.00	38.66 -0.27 0.00	37.75 -0.34 0.00	38.37 -0.35 0.00	38.77 -0.43 0.00	41.83 -0.38 0.00	48.34 -0.34 0.00	62.78 -0.38 0.00	74.58 -0.22 -0.76	70.01 -0.07 0.00	58.42 -0.18 0.00	51.73 0.10 0.00	47.08 0.05 0.00	44.07 -0.13 0.00
LINDEN COGEN____ 23786	47.92 2.15 0.00	46.75 2.10 0.00	43.24 1.82 0.00	41.17 1.62 0.00	41.83 1.57 0.00	43.79 1.84 0.00	57.72 1.63 0.00	72.82 2.19 0.00	64.01 1.74 0.00	46.33 1.78 0.00	42.06 1.93 0.00	40.95 2.02 0.00	40.07 1.98 0.00	40.81 2.09 0.00	41.32 2.12 0.00	44.20 1.98 0.00	50.97 2.29 0.00	65.50 2.34 0.00	77.01 2.96 0.00	72.60 2.52 0.00	60.65 2.05 0.00	53.79 2.17 0.00	48.73 1.69 0.00	45.98 1.77 0.00
LINDHRST_69_KV_BK1 356055	48.20 2.43 0.00	46.53 1.88 0.00	43.29 1.86 0.00	41.09 1.54 0.00	41.75 1.49 0.00	43.46 1.51 0.00	50.34 0.73 6.48	54.28 0.92 17.27	51.78 0.75 11.23	45.27 1.29 0.57	42.31 2.17 0.00	40.87 2.02 0.08	40.07 1.98 0.00	40.93 2.21 0.00	41.48 2.27 0.00	44.58 2.36 0.00	50.38 1.70 0.01	64.86 1.71 0.01	76.40 2.37 0.01	72.10 2.03 0.01	60.17 1.58 0.01	53.31 1.70 0.01	47.40 0.99 0.63	45.53 1.33 0.00
LIPA_MISC_IPP 23656	46.86 1.10 0.00	45.27 0.63 0.00	42.12 0.70 0.00	39.94 0.40 0.00	40.66 0.40 0.00	42.32 0.38 0.00	45.22 -0.73 10.15	48.37 -0.71 21.55	43.77 -0.87 17.62	35.27 0.00 9.28	41.13 1.04 0.06	38.45 0.90 1.37	39.04 0.95 0.00	39.84 1.12 0.00	40.45 1.25 0.00	43.47 1.27 0.00	49.16 0.49 0.02	63.34 0.19 0.02	74.55 0.52 0.02	70.28 0.21 0.02	58.64 0.06 0.02	52.02 0.41 0.02	46.16 -0.09 0.78	44.34 0.13 0.00
LISF____SOLAR 323691	46.91 1.14 0.00	45.59 0.94 0.00	42.16 0.75 0.00	39.98 0.44 0.00	40.66 0.40 0.00	42.36 0.42 0.00	45.31 -0.67 10.11	48.49 -0.64 21.50	43.89 -0.81 17.56	35.33 0.00 9.22	41.13 1.04 0.05	38.50 0.93 1.36	39.04 0.95 0.00	39.84 1.12 0.00	40.45 1.25 0.00	43.56 1.35 0.00	49.21 0.54 0.02	63.47 0.32 0.02	74.70 0.66 0.02	70.42 0.35 0.02	58.76 0.18 0.02	52.18 0.57 0.02	46.21 -0.05 0.78	44.38 0.18 0.01
LITTLE FALLS____HYD 24013	48.24 2.47 0.00	47.15 2.50 0.00	43.74 2.32 0.00	41.72 2.18 0.00	42.51 2.25 0.00	44.30 2.35 0.00	59.12 3.03 0.00	74.45 3.81 0.00	65.63 3.36 0.00	46.86 2.32 0.00	42.27 2.13 0.00	40.91 1.99 0.00	39.99 1.90 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.28 2.07 0.00	51.02 2.34 0.00	66.32 3.16 0.00	77.82 3.78 0.00	73.65 3.57 0.00	61.58 2.99 0.00	54.41 2.79 0.00	49.53 2.49 0.00	46.59 2.39 0.00

LITTLRIV_115KV_TB1 356100	47.51 1.74 0.00	46.48 1.83 0.00	43.04 1.62 0.00	41.13 1.58 0.00	41.87 1.61 0.00	43.50 1.55 0.00	58.67 2.58 0.00	73.67 3.04 0.00	64.69 2.43 0.00	45.97 1.43 0.00	41.30 1.16 0.00	40.10 1.17 0.00	39.12 1.03 0.00	39.57 0.85 0.00	40.14 0.94 0.00	43.39 1.18 0.00	50.10 1.41 0.00	65.75 2.59 0.00	77.16 3.11 0.00	73.44 3.36 0.00	61.47 2.87 0.00	54.15 2.53 0.00	49.48 2.45 0.00	46.24 2.03 0.00
LI_NEWBRDGE___DRP 323616	47.41 1.65 0.01	45.80 1.16 0.01	42.57 1.16 0.01	40.46 0.91 0.00	41.15 0.89 0.00	42.87 0.92 0.00	47.89 0.28 8.48	48.01 0.49 23.11	47.81 0.25 14.71	45.22 0.67 0.00	41.74 1.61 0.01	40.40 1.48 0.01	39.61 1.52 0.01	40.41 1.70 0.01	40.92 1.72 0.01	43.98 1.77 0.01	49.74 1.07 0.02	64.09 0.95 0.02	75.36 1.33 0.02	71.05 0.98 0.02	59.34 0.76 0.02	52.54 0.93 0.02	46.77 0.56 0.84	44.96 0.75 0.00
LOCKPORT_115KV_TB60_63_64 80432	45.91 0.14 0.00	44.34 -0.31 0.00	41.46 0.04 0.00	39.82 0.28 0.00	40.58 0.32 0.00	41.82 -0.13 0.00	55.53 -0.56 0.00	70.28 -0.35 0.00	62.70 0.44 0.00	45.93 1.38 0.00	40.94 0.80 0.00	39.90 0.97 0.00	39.19 1.10 0.00	39.72 1.01 0.00	40.10 0.90 0.00	42.34 0.13 0.00	47.57 -1.12 0.00	60.95 -2.21 0.00	71.38 -2.67 0.00	67.98 -2.10 0.00	56.66 -1.93 0.00	50.75 -0.88 0.00	46.38 -0.66 0.00	43.59 -0.62 0.00
LOCKPORT___CC1 323769	45.86 0.09 0.00	44.12 -0.53 0.00	41.42 0.00 0.00	39.79 0.24 0.00	40.50 0.24 0.00	41.78 -0.17 0.00	55.48 -0.62 0.00	70.49 -0.14 0.00	62.58 0.31 0.00	45.88 1.34 0.00	40.90 0.76 0.00	39.75 0.82 0.00	39.16 1.07 0.00	39.69 0.97 0.00	40.06 0.86 0.00	42.21 0.00 0.00	47.57 -1.12 0.00	60.89 -2.27 0.00	71.31 -2.74 0.00	67.83 -2.25 0.00	56.60 -1.99 0.00	49.66 -1.96 0.00	46.33 -0.70 0.00	43.54 -0.66 0.00
LOCKPORT___CC2 323770	45.86 0.09 0.00	44.12 -0.53 0.00	41.42 0.00 0.00	39.79 0.24 0.00	40.50 0.24 0.00	41.78 -0.17 0.00	55.48 -0.62 0.00	70.49 -0.14 0.00	62.58 0.31 0.00	45.88 1.34 0.00	40.90 0.76 0.00	39.75 0.82 0.00	39.16 1.07 0.00	39.69 0.97 0.00	40.06 0.86 0.00	42.21 0.00 0.00	47.57 -1.12 0.00	60.89 -2.27 0.00	71.31 -2.74 0.00	67.83 -2.25 0.00	56.60 -1.99 0.00	49.66 -1.96 0.00	46.33 -0.70 0.00	43.54 -0.66 0.00
LOCKPORT___CC3 323771	45.86 0.09 0.00	44.12 -0.53 0.00	41.42 0.00 0.00	39.79 0.24 0.00	40.50 0.24 0.00	41.78 -0.17 0.00	55.48 -0.62 0.00	70.49 -0.14 0.00	62.58 0.31 0.00	45.88 1.34 0.00	40.90 0.76 0.00	39.75 0.82 0.00	39.16 1.07 0.00	39.69 0.97 0.00	40.06 0.86 0.00	42.21 0.00 0.00	47.57 -1.12 0.00	60.89 -2.27 0.00	71.31 -2.74 0.00	67.83 -2.25 0.00	56.60 -1.99 0.00	49.66 -1.96 0.00	46.33 -0.70 0.00	43.54 -0.66 0.00
LOCUSVLY_69_KV_BK2 55797	47.93 2.15 -0.01	46.40 1.74 -0.01	43.12 1.70 0.00	40.97 1.42 0.00	41.67 1.41 0.00	43.46 1.51 0.00	53.12 0.95 3.93	61.35 1.41 10.70	56.52 1.06 6.81	45.88 1.34 0.00	42.19 2.05 -0.01	40.88 1.95 -0.01	40.04 1.94 -0.01	40.85 2.13 -0.01	41.37 2.16 -0.01	44.37 2.15 -0.01	50.43 1.75 0.01	64.99 1.83 0.01	76.41 2.37 0.01	72.10 2.03 0.01	60.17 1.58 0.01	53.27 1.65 0.01	47.83 1.18 0.39	45.53 1.33 0.00
LONG_LAKE_PHOENIX 24014	45.65 -0.78 -0.66	44.19 -0.80 -0.34	40.72 -0.70 0.00	38.87 -0.67 0.00	39.58 -0.68 0.00	41.23 -0.71 0.00	55.20 -0.90 0.00	69.50 -1.13 0.00	61.52 -0.75 0.00	44.06 -0.49 0.00	39.62 -0.52 0.00	38.38 -0.55 0.00	37.52 -0.57 0.00	38.21 -0.50 0.00	38.61 -0.59 0.00	41.54 -0.68 0.00	47.96 -0.73 0.00	62.09 -1.07 0.00	74.03 -1.18 -1.16	68.96 -1.12 0.00	57.60 -1.00 0.00	50.75 -0.88 0.00	46.24 -0.80 0.00	43.37 -0.84 0.00
LOVETT___3 23632	47.74 1.97 0.00	46.57 1.92 0.00	43.20 1.78 0.00	41.09 1.54 0.00	41.79 1.53 0.00	43.71 1.76 0.00	57.61 1.51 0.00	72.68 2.05 0.00	63.88 1.62 0.00	46.11 1.56 0.00	41.86 1.73 0.00	40.68 1.75 0.00	39.84 1.75 0.00	40.58 1.86 0.00	41.05 1.84 0.00	43.94 1.73 0.00	50.73 2.04 0.00	65.31 2.15 0.00	76.79 2.74 0.00	72.46 2.38 0.00	60.53 1.93 0.00	53.53 1.91 0.00	48.59 1.55 0.00	45.84 1.64 0.00
LOVETT___4 23642	47.74 1.97 0.00	46.57 1.92 0.00	43.20 1.78 0.00	41.09 1.54 0.00	41.79 1.53 0.00	43.71 1.76 0.00	57.61 1.51 0.00	72.68 2.05 0.00	63.88 1.62 0.00	46.11 1.56 0.00	41.86 1.73 0.00	40.68 1.75 0.00	39.84 1.75 0.00	40.58 1.86 0.00	41.05 1.84 0.00	43.94 1.73 0.00	50.73 2.04 0.00	65.31 2.15 0.00	76.79 2.74 0.00	72.46 2.38 0.00	60.53 1.93 0.00	53.53 1.91 0.00	48.59 1.55 0.00	45.84 1.64 0.00
LOVETT___5 23593	47.74 1.97 0.00	46.57 1.92 0.00	43.20 1.78 0.00	41.09 1.54 0.00	41.79 1.53 0.00	43.71 1.76 0.00	57.61 1.51 0.00	72.68 2.05 0.00	63.88 1.62 0.00	46.11 1.56 0.00	41.86 1.73 0.00	40.68 1.75 0.00	39.84 1.75 0.00	40.58 1.86 0.00	41.05 1.84 0.00	43.94 1.73 0.00	50.73 2.04 0.00	65.31 2.15 0.00	76.79 2.74 0.00	72.46 2.38 0.00	60.53 1.93 0.00	53.53 1.91 0.00	48.59 1.55 0.00	45.84 1.64 0.00
LOWER RAQUET___HYD 24057	47.10 1.33 0.00	46.04 1.39 0.00	42.62 1.20 0.00	40.73 1.19 0.00	41.47 1.21 0.00	43.12 1.17 0.00	58.06 1.96 0.00	72.68 2.05 0.00	64.13 1.87 0.00	45.70 1.16 0.00	41.06 0.92 0.00	39.90 0.97 0.00	38.97 0.88 0.00	39.37 0.66 0.00	39.95 0.74 0.00	43.18 0.97 0.00	49.71 1.02 0.00	65.12 1.96 0.00	76.27 2.22 0.00	72.74 2.66 0.00	60.77 2.17 0.00	53.58 1.96 0.00	48.97 1.93 0.00	45.75 1.55 0.00
LOWER___HUDSON 24059	46.68 0.92 0.00	45.54 0.89 0.00	42.17 0.75 0.00	40.26 0.71 0.00	41.02 0.76 0.00	42.87 0.92 0.00	57.27 1.18 0.00	72.12 1.49 0.00	63.32 1.06 0.00	44.77 0.22 0.00	40.34 0.20 0.00	39.05 0.12 0.00	38.17 0.08 0.00	38.87 0.16 0.00	39.44 0.24 0.00	42.76 0.55 0.00	49.56 0.88 0.00	64.55 1.39 0.00	75.90 1.85 0.00	71.62 1.54 0.00	59.94 1.35 0.00	52.60 0.98 0.00	47.74 0.71 0.00	45.04 0.84 0.00
LOWVILLE_115KV_TB2 356335	47.25 1.37 -0.11	46.23 1.52 -0.06	42.75 1.33 0.00	40.81 1.27 0.00	41.59 1.33 0.00	43.20 1.26 0.00	58.11 2.02 0.00	73.03 2.40 0.00	64.32 2.05 0.00	45.53 0.98 0.00	40.86 0.72 0.00	39.47 0.55 0.00	38.24 0.15 0.00	38.60 -0.12 0.00	39.05 -0.16 0.00	42.34 0.13 0.00	48.98 0.29 0.00	64.17 1.01 0.00	75.87 1.63 -0.19	72.11 2.03 0.00	60.30 1.70 0.00	53.69 2.06 0.00	48.83 1.79 0.00	45.66 1.46 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.28 1.51 0.00	46.08 1.43 0.00	42.70 1.28 0.00	40.77 1.23 0.00	41.47 1.21 0.00	43.33 1.38 0.00	57.78 1.68 0.00	72.96 2.33 0.00	63.88 1.62 0.00	45.22 0.67 0.00	40.62 0.48 0.00	39.24 0.31 0.00	38.36 0.27 0.00	39.07 0.35 0.00	39.67 0.47 0.00	43.01 0.80 0.00	49.90 1.22 0.00	65.18 2.02 0.00	76.64 2.59 0.00	72.32 2.24 0.00	60.47 1.88 0.00	53.02 1.39 0.00	48.35 1.32 0.00	45.53 1.33 0.00

LUTHERNY_35_KV_BK2 355980	47.33 1.56 0.00	46.08 1.43 0.00	42.75 1.33 0.00	40.81 1.27 0.00	41.51 1.25 0.00	43.33 1.38 0.00	57.78 1.68 0.00	72.96 2.33 0.00	63.95 1.68 0.00	45.22 0.67 0.00	40.62 0.48 0.00	39.24 0.31 0.00	38.36 0.27 0.00	39.07 0.35 0.00	39.67 0.47 0.00	43.01 0.80 0.00	49.90 1.22 0.00	65.18 2.02 0.00	76.64 2.59 0.00	72.39 2.31 0.00	60.47 1.88 0.00	53.02 1.39 0.00	48.40 1.36 0.00	45.53 1.33 0.00
LWR___OSWEGATCHIE_HYD 23850	47.11 1.24 -0.11	46.09 1.38 -0.05	42.62 1.20 0.00	40.69 1.15 0.00	41.43 1.17 0.00	43.04 1.09 0.00	57.94 1.85 0.00	72.61 1.98 0.00	63.88 1.62 0.00	45.35 0.80 0.00	40.74 0.60 0.00	39.47 0.55 0.00	38.55 0.46 0.00	38.95 0.23 0.00	39.44 0.24 0.00	42.72 0.51 0.00	49.12 0.44 0.00	64.43 1.26 0.00	75.94 1.70 -0.19	72.11 2.03 0.00	60.30 1.70 0.00	53.58 1.96 0.00	48.83 1.79 0.00	45.62 1.41 0.00
LYONS_FALL_HYD 23570	47.07 1.24 -0.07	46.02 1.34 -0.04	42.62 1.20 0.00	40.65 1.11 0.00	41.47 1.21 0.00	43.08 1.13 0.00	57.89 1.79 0.00	72.82 2.19 0.00	64.20 1.93 0.00	45.53 0.98 0.00	40.90 0.76 0.00	39.51 0.58 0.00	38.43 0.34 0.00	38.91 0.19 0.00	39.36 0.16 0.00	42.59 0.38 0.00	49.27 0.59 0.00	64.36 1.20 0.00	75.87 1.70 -0.12	72.04 1.96 0.00	60.18 1.58 0.00	53.38 1.76 0.00	48.54 1.50 0.00	45.49 1.28 0.00
MADISON___COUNTY_LFGE 323628	47.05 1.28 0.00	45.99 1.34 0.00	42.66 1.24 0.00	40.73 1.19 0.00	41.51 1.25 0.00	43.20 1.26 0.00	57.94 1.85 0.00	73.03 2.40 0.00	64.38 2.12 0.00	45.75 1.20 0.00	41.10 0.96 0.00	39.75 0.82 0.00	38.81 0.72 0.00	39.49 0.77 0.00	39.91 0.71 0.00	43.10 0.89 0.00	49.85 1.17 0.00	64.87 1.71 0.00	76.27 2.22 0.00	72.32 2.24 0.00	60.35 1.76 0.00	53.22 1.60 0.00	48.40 1.36 0.00	45.40 1.19 0.00
MALONE___115KV_TB1 356076	46.87 1.10 0.00	45.72 1.07 0.00	42.33 0.91 0.00	40.50 0.95 0.00	41.19 0.93 0.00	42.83 0.88 0.00	57.61 1.51 0.00	72.40 1.77 0.00	63.82 1.56 0.00	45.75 1.20 0.00	41.14 1.00 0.00	40.10 1.17 0.00	39.12 1.03 0.00	39.49 0.77 0.00	40.14 0.94 0.00	43.27 1.06 0.00	49.76 1.07 0.00	65.12 1.96 0.00	76.05 2.00 0.00	72.25 2.17 0.00	60.59 1.99 0.00	53.22 1.60 0.00	48.78 1.74 0.00	45.58 1.37 0.00
MAPLEWOD_115KV_TB3 80458	46.41 0.64 0.00	45.23 0.58 0.00	41.92 0.50 0.00	40.02 0.47 0.00	40.70 0.44 0.00	42.62 0.67 0.00	56.77 0.67 0.00	71.48 0.85 0.00	62.76 0.50 0.00	44.55 0.00 0.00	40.18 0.04 0.00	38.89 -0.04 0.00	38.09 0.00 0.00	38.76 0.04 0.00	39.32 0.12 0.00	42.51 0.30 0.00	49.22 0.54 0.00	64.05 0.88 0.00	75.30 1.26 0.00	71.06 0.98 0.00	59.47 0.88 0.00	52.09 0.46 0.00	47.46 0.42 0.00	44.74 0.53 0.00
MAPLE_RIDGE_WT_1 323574	45.82 0.05 0.00	44.74 0.09 0.00	41.46 0.04 0.00	39.63 0.08 0.00	40.30 0.04 0.00	41.99 0.04 0.00	56.21 0.11 0.00	70.70 0.07 0.00	62.39 0.12 0.00	44.64 0.09 0.00	40.18 0.04 0.00	38.97 0.04 0.00	38.13 0.04 0.00	38.72 0.00 0.00	39.20 0.00 0.00	42.21 0.00 0.00	48.73 0.05 0.00	63.29 0.13 0.00	74.19 0.15 0.00	70.29 0.21 0.00	58.71 0.12 0.00	51.73 0.10 0.00	47.18 0.14 0.00	44.29 0.09 0.00
MAPLE_RIDGE_WT_2 323611	45.82 0.05 0.00	44.74 0.09 0.00	41.46 0.04 0.00	39.63 0.08 0.00	40.30 0.04 0.00	41.99 0.04 0.00	56.21 0.11 0.00	70.70 0.07 0.00	62.39 0.12 0.00	44.64 0.09 0.00	40.18 0.04 0.00	38.97 0.04 0.00	38.13 0.04 0.00	38.72 0.00 0.00	39.20 0.00 0.00	42.21 0.00 0.00	48.73 0.05 0.00	63.29 0.13 0.00	74.19 0.15 0.00	70.29 0.21 0.00	58.71 0.12 0.00	51.73 0.10 0.00	47.18 0.14 0.00	44.29 0.09 0.00
MARBLE_RIVER_WT_PWR 323696	46.13 0.36 0.00	45.01 0.36 0.00	41.67 0.25 0.00	39.86 0.31 0.00	40.54 0.28 0.00	42.20 0.25 0.00	56.49 0.40 0.00	70.84 0.21 0.00	62.64 0.38 0.00	44.99 0.45 0.00	40.54 0.40 0.00	39.43 0.50 0.00	38.47 0.38 0.00	38.95 0.23 0.00	39.52 0.31 0.00	42.59 0.38 0.00	48.93 0.24 0.00	63.79 0.63 0.00	74.64 0.59 0.00	70.99 0.91 0.00	59.30 0.71 0.00	52.19 0.57 0.00	47.84 0.80 0.00	44.82 0.62 0.00
MARSHVLE_115KV_TB1 80742	46.91 1.14 0.00	45.72 1.07 0.00	42.37 0.95 0.00	40.46 0.91 0.00	41.11 0.85 0.00	42.95 1.01 0.00	57.38 1.29 0.00	72.61 1.98 0.00	62.58 0.31 0.00	43.79 -0.76 0.00	39.01 -1.12 0.00	37.68 -1.25 0.00	36.95 -1.14 0.00	37.79 -0.93 0.00	38.46 -0.74 0.00	41.96 -0.25 0.00	48.88 0.19 0.00	64.43 1.26 0.00	75.97 1.93 0.00	71.83 1.75 0.00	59.89 1.29 0.00	52.97 1.34 0.00	48.17 1.13 0.00	45.13 0.93 0.00
MARSH_HILL_WT_PWR 323713	46.68 0.92 0.00	45.14 0.49 0.00	42.17 0.75 0.00	40.42 0.87 0.00	41.14 0.88 0.00	42.79 0.84 0.00	57.21 1.12 0.00	72.40 1.77 0.00	66.06 3.80 0.00	47.76 3.21 0.00	42.55 2.41 0.00	40.91 1.98 0.00	39.20 1.11 0.00	39.88 1.16 0.00	40.26 1.06 0.00	43.01 0.80 0.00	49.17 0.49 0.00	63.54 0.38 0.00	74.79 0.74 0.00	70.78 0.70 0.00	58.89 0.29 0.00	51.62 0.00 0.00	47.74 0.71 0.00	44.69 0.49 0.00
MCINTYRE_115KV_TB2 80467	47.65 1.88 0.00	46.62 1.96 0.00	43.16 1.74 0.00	41.25 1.70 0.00	41.95 1.69 0.00	43.62 1.68 0.00	58.90 2.80 0.00	73.88 3.25 0.00	64.82 2.55 0.00	46.02 1.47 0.00	41.30 1.16 0.00	40.10 1.17 0.00	39.12 1.03 0.00	39.57 0.85 0.00	40.14 0.94 0.00	43.44 1.22 0.00	50.19 1.51 0.00	65.94 2.78 0.00	77.38 3.33 0.00	73.72 3.64 0.00	61.70 3.11 0.00	54.31 2.68 0.00	49.58 2.54 0.00	46.33 2.12 0.00
MECO_____69_KV_BK1 80468	47.88 2.11 0.00	46.62 1.96 0.00	43.20 1.78 0.00	41.25 1.70 0.00	41.87 1.61 0.00	43.83 1.89 0.00	58.51 2.41 0.00	74.09 3.46 0.00	63.88 1.62 0.00	44.46 -0.09 0.00	39.54 -0.60 0.00	38.11 -0.82 0.00	37.29 -0.80 0.00	38.21 -0.50 0.00	38.93 -0.27 0.00	42.55 0.34 0.00	49.81 1.12 0.00	65.82 2.65 0.00	77.60 3.55 0.00	73.37 3.29 0.00	61.17 2.58 0.00	53.95 2.32 0.00	49.11 2.07 0.00	46.02 1.81 0.00
MENANDS___115KV_TB5 355628	46.18 0.41 0.00	45.01 0.36 0.00	41.71 0.29 0.00	39.82 0.28 0.00	40.54 0.28 0.00	42.41 0.46 0.00	56.49 0.39 0.00	71.13 0.49 0.00	62.45 0.19 0.00	44.37 -0.18 0.00	40.02 -0.12 0.00	38.77 -0.16 0.00	37.98 -0.11 0.00	38.64 -0.08 0.00	39.20 0.00 0.00	42.38 0.17 0.00	49.03 0.34 0.00	63.73 0.57 0.00	74.93 0.89 0.00	70.71 0.63 0.00	59.18 0.59 0.00	51.83 0.21 0.00	47.23 0.19 0.00	44.51 0.31 0.00
MG INDUSTRY___DRP 24185	46.41 0.64 0.00	45.32 0.67 0.00	42.00 0.58 0.00	40.10 0.55 0.00	40.90 0.64 0.00	42.79 0.84 0.00	56.88 0.79 0.00	71.62 0.99 0.00	62.76 0.50 0.00	44.50 -0.04 0.00	40.10 -0.04 0.00	38.85 -0.08 0.00	38.01 -0.08 0.00	38.72 0.00 0.00	39.28 0.08 0.00	42.47 0.25 0.00	49.12 0.44 0.00	63.86 0.69 0.00	75.01 0.96 0.00	70.85 0.77 0.00	59.30 0.70 0.00	52.09 0.46 0.00	47.46 0.42 0.00	44.69 0.49 0.00

MORRIS_RIDGE___SOLAR 323848	46.18 0.41 0.00	44.65 0.00 0.00	41.75 0.33 0.00	40.02 0.48 0.00	40.78 0.52 0.00	42.32 0.38 0.00	56.43 0.34 0.00	71.41 0.78 0.00	62.95 0.69 0.00	45.57 1.03 0.00	40.62 0.48 0.00	39.32 0.39 0.00	38.81 0.72 0.00	39.49 0.77 0.00	39.91 0.71 0.00	42.47 0.25 0.00	48.35 -0.34 0.00	62.34 -0.82 0.00	73.23 -0.81 0.00	69.38 -0.70 0.00	57.78 -0.82 0.00	50.75 -0.88 0.00	46.99 -0.05 0.00	44.07 -0.13 0.00
MORTIMER_115KV_TB3 55949	45.82 0.05 0.00	44.43 -0.22 0.00	41.34 -0.08 0.00	39.59 0.04 0.00	40.34 0.08 0.00	41.74 -0.21 0.00	55.87 -0.22 0.00	70.70 0.07 0.00	62.76 0.50 0.00	45.31 0.76 0.00	40.58 0.44 0.00	39.47 0.55 0.00	38.74 0.65 0.00	39.26 0.54 0.00	39.67 0.47 0.00	42.25 0.04 0.00	48.34 -0.34 0.00	62.47 -0.69 0.00	73.23 -0.81 0.00	69.59 -0.49 0.00	57.78 -0.82 0.00	51.31 -0.31 0.00	46.85 -0.19 0.00	43.72 -0.49 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.06 2.29 0.00	46.84 2.19 0.00	43.45 2.03 0.00	41.33 1.78 0.00	42.03 1.77 0.00	43.96 2.01 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.46 1.92 0.00	42.19 2.05 0.00	41.03 2.10 0.00	40.18 2.09 0.00	40.89 2.17 0.00	41.40 2.20 0.00	44.32 2.11 0.00	51.12 2.43 0.00	65.75 2.59 0.00	77.23 3.18 0.00	72.88 2.80 0.00	60.88 2.29 0.00	53.89 2.27 0.00	48.92 1.88 0.00	46.15 1.95 0.00
MUNSVILLE_WIND_PWR 323609	49.02 3.25 0.00	48.09 3.44 0.00	44.61 3.19 0.00	42.55 3.00 0.00	43.44 3.18 0.00	45.18 3.23 0.00	60.86 4.77 0.00	76.92 6.28 0.00	67.87 5.61 0.00	47.93 3.38 0.00	42.87 2.73 0.00	41.34 2.41 0.00	40.45 2.36 0.00	41.08 2.36 0.00	41.36 2.15 0.00	44.92 2.70 0.00	52.09 3.41 0.00	68.09 4.93 0.00	80.27 6.22 0.00	76.25 6.17 0.00	63.52 4.92 0.00	55.80 4.18 0.00	50.85 3.81 0.00	47.52 3.32 0.00
N SALMON___HYD 24042	46.87 1.10 0.00	45.72 1.07 0.00	42.33 0.91 0.00	40.49 0.95 0.00	41.19 0.93 0.00	42.83 0.88 0.00	57.61 1.52 0.00	72.12 1.49 0.00	63.82 1.56 0.00	45.75 1.20 0.00	41.14 1.00 0.00	40.10 1.17 0.00	39.12 1.03 0.00	39.49 0.77 0.00	40.14 0.94 0.00	43.27 1.06 0.00	49.76 1.07 0.00	65.12 1.96 0.00	76.05 2.00 0.00	72.53 2.45 0.00	60.59 1.99 0.00	53.23 1.60 0.00	48.78 1.74 0.00	45.58 1.37 0.00
N.AKRON__115KV_KNAPP 355671	46.46 0.69 0.00	44.87 0.22 0.00	41.92 0.50 0.00	40.26 0.71 0.00	41.02 0.76 0.00	42.28 0.34 0.00	56.32 0.22 0.00	71.27 0.64 0.00	63.51 1.25 0.00	46.33 1.78 0.00	41.26 1.12 0.00	40.21 1.28 0.00	39.50 1.41 0.00	40.00 1.28 0.00	40.38 1.18 0.00	42.68 0.46 0.00	48.25 -0.44 0.00	61.96 -1.20 0.00	72.71 -1.33 0.00	69.24 -0.84 0.00	57.54 -1.05 0.00	51.47 -0.15 0.00	47.08 0.05 0.00	44.07 -0.13 0.00
N.E_GEN_SANDY PD 24062	46.50 0.73 0.00	45.41 0.76 0.00	42.00 0.58 0.00	40.10 0.55 0.00	40.94 0.68 0.00	42.79 0.84 0.00	58.70 1.23 -1.37	71.97 1.34 0.00	63.20 0.94 0.00	44.64 0.09 0.00	40.22 0.08 0.00	38.93 0.00 0.00	38.09 0.00 0.00	38.76 0.04 0.00	39.40 0.20 0.00	42.72 0.51 0.00	49.51 0.83 0.00	64.55 1.39 0.00	76.30 1.92 -0.33	71.62 1.54 0.00	63.00 1.40 -3.00	52.50 0.88 0.00	47.51 0.47 0.00	44.96 0.75 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.78 2.01 0.00	46.62 1.96 0.00	43.24 1.82 0.00	41.17 1.62 0.00	41.87 1.61 0.00	43.83 1.89 0.00	57.78 1.68 0.00	72.89 2.26 0.00	64.01 1.74 0.00	46.15 1.60 0.00	41.90 1.77 0.00	40.72 1.79 0.00	39.88 1.79 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.03 1.82 0.00	50.78 2.09 0.00	65.44 2.27 0.00	76.93 2.89 0.00	72.60 2.52 0.00	60.59 1.99 0.00	53.64 2.01 0.00	48.68 1.65 0.00	45.93 1.72 0.00
N.QUEENS_27_KV_LOAD 356247	48.16 2.38 -0.01	46.89 2.23 -0.01	43.50 2.07 -0.01	41.37 1.82 -0.01	42.08 1.81 -0.01	43.97 2.01 -0.01	57.94 1.85 0.00	72.96 2.33 0.00	64.19 1.93 0.00	46.55 2.00 0.00	42.30 2.17 0.01	41.10 2.18 0.01	40.29 2.21 0.01	40.99 2.28 0.01	41.51 2.31 0.01	44.44 2.24 0.01	51.26 2.58 0.01	65.82 2.65 0.00	77.23 3.18 0.00	72.81 2.73 0.00	60.88 2.29 0.00	53.89 2.27 0.00	48.93 1.88 -0.01	46.11 1.90 -0.01
N.TROY___115KV_TB1 355778	46.69 0.92 0.00	45.54 0.89 0.00	42.17 0.75 0.00	40.26 0.71 0.00	41.02 0.76 0.00	42.87 0.92 0.00	57.27 1.18 0.00	72.04 1.41 0.00	63.32 1.06 0.00	44.77 0.22 0.00	40.34 0.20 0.00	39.01 0.08 0.00	38.17 0.08 0.00	38.87 0.15 0.00	39.44 0.24 0.00	42.76 0.55 0.00	49.56 0.88 0.00	64.55 1.39 0.00	75.90 1.85 0.00	71.62 1.54 0.00	59.94 1.35 0.00	52.40 0.77 0.00	47.74 0.71 0.00	45.05 0.84 0.00
NARROWS_GT1_1 24228	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT1_2 24229	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT1_3 24230	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT1_4 24231	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT1_5 24232	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01

NARROWS_GT1_6 24233	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT1_7 24234	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT1_8 24235	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT2_1 24236	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT2_2 24237	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT2_3 24238	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT2_4 24239	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT2_5 24240	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT2_6 24241	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT2_7 24242	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NARROWS_GT2_8 24243	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.78 1.01 0.00	45.63 0.98 0.00	42.37 0.95 0.00	40.38 0.83 0.00	41.79 1.53 0.00	43.75 1.80 0.00	58.06 1.96 0.00	73.10 2.47 0.00	63.63 1.37 0.00	44.68 0.13 0.00	40.14 0.00 0.00	38.77 -0.16 0.00	37.98 -0.11 0.00	38.72 0.00 0.00	39.36 0.16 0.00	42.63 0.42 0.00	49.07 0.39 0.00	64.36 1.20 0.00	75.90 1.85 0.00	71.69 1.61 0.00	59.83 1.23 0.00	52.50 0.88 0.00	47.79 0.75 0.00	45.00 0.80 0.00
NCHELSEA_115KV_TR2 355582	47.92 2.15 0.00	46.75 2.10 0.00	43.41 1.99 0.00	41.29 1.74 0.00	41.99 1.73 0.00	43.92 1.97 0.00	57.94 1.85 0.00	73.03 2.40 0.00	64.07 1.81 0.00	46.06 1.51 0.00	41.74 1.61 0.00	40.53 1.60 0.00	39.73 1.64 0.00	40.50 1.78 0.00	40.97 1.76 0.00	43.94 1.73 0.00	50.73 2.04 0.00	65.63 2.46 0.00	77.16 3.11 0.00	72.88 2.80 0.00	60.82 2.23 0.00	53.74 2.12 0.00	48.83 1.79 0.00	46.02 1.81 0.00
NEG CAPITAL___MECHNVIL 23645	47.33 1.56 0.00	46.12 1.47 0.00	42.75 1.33 0.00	40.81 1.27 0.00	41.51 1.25 0.00	43.37 1.43 0.00	57.89 1.79 0.00	73.10 2.47 0.00	64.01 1.74 0.00	45.26 0.71 0.00	40.70 0.56 0.00	39.32 0.39 0.00	38.43 0.34 0.00	39.14 0.43 0.00	39.75 0.55 0.00	43.10 0.89 0.00	50.00 1.32 0.00	65.31 2.15 0.00	76.79 2.74 0.00	72.46 2.38 0.00	60.59 1.99 0.00	53.27 1.65 0.00	48.40 1.36 0.00	45.58 1.37 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.93 -0.92 -0.07	43.48 -1.20 -0.04	40.47 -0.95 0.00	38.71 -0.83 0.00	39.41 -0.85 0.00	40.90 -1.05 0.00	54.75 -1.35 0.00	69.36 -1.27 0.00	61.45 -0.81 0.00	44.28 -0.27 0.00	39.70 -0.44 0.00	38.50 -0.43 0.00	37.83 -0.26 0.00	38.37 -0.35 0.00	38.73 -0.47 0.00	41.32 -0.89 0.00	47.52 -1.17 0.00	61.46 -1.70 0.00	72.18 -2.00 -0.13	68.33 -1.75 0.00	56.78 -1.82 0.00	49.92 -1.70 0.00	45.91 -1.13 0.00	42.83 -1.37 0.00

NEG CENTRAL___DRP 24199	46.31 0.37 -0.17	44.92 0.18 -0.09	41.67 0.25 0.00	39.82 0.28 0.00	40.58 0.32 0.00	42.24 0.29 0.00	56.49 0.39 0.00	71.20 0.57 0.00	63.07 0.81 0.00	45.35 0.80 0.00	40.66 0.52 0.00	39.36 0.43 0.00	38.51 0.42 0.00	39.22 0.50 0.00	39.60 0.39 0.00	42.55 0.34 0.00	48.98 0.29 0.00	63.35 0.19 0.00	74.79 0.44 -0.30	70.50 0.42 0.00	58.65 0.06 0.00	51.73 0.10 0.00	47.32 0.28 0.00	44.25 0.04 0.00
NEG CENTRAL___INDECK 23768	47.55 1.78 0.00	45.90 1.25 0.00	42.87 1.45 0.00	41.05 1.50 0.00	41.87 1.61 0.00	43.37 1.43 0.00	58.17 2.08 0.00	73.88 3.25 0.00	65.07 2.80 0.00	46.69 2.14 0.00	41.54 1.40 0.00	40.14 1.21 0.00	39.57 1.48 0.00	40.15 1.43 0.00	40.57 1.37 0.00	43.31 1.10 0.00	49.81 1.12 0.00	64.74 1.58 0.00	76.41 2.37 0.00	72.46 2.38 0.00	60.00 1.40 0.00	52.60 0.98 0.00	48.68 1.65 0.00	45.26 1.06 0.00
NEG CENTRAL___SENECA 23627	46.56 0.69 -0.10	45.15 0.45 -0.05	41.96 0.54 0.00	40.14 0.59 0.00	40.86 0.60 0.00	42.53 0.59 0.00	56.77 0.67 0.00	71.69 1.06 0.00	63.51 1.25 0.00	45.80 1.25 0.00	41.02 0.88 0.00	39.71 0.78 0.00	38.85 0.76 0.00	39.53 0.81 0.00	39.91 0.71 0.00	42.80 0.59 0.00	49.22 0.54 0.00	63.61 0.44 0.00	74.96 0.74 -0.18	70.78 0.70 0.00	58.83 0.23 0.00	51.93 0.31 0.00	47.60 0.56 0.00	44.47 0.27 0.00
NEG CENTRAL___STATE_STREET 24147	46.12 0.14 -0.21	44.76 0.00 -0.11	41.46 0.04 0.00	39.63 0.08 0.00	40.34 0.08 0.00	42.03 0.08 0.00	56.32 0.22 0.00	70.98 0.35 0.00	62.82 0.56 0.00	44.99 0.45 0.00	40.46 0.32 0.00	39.16 0.23 0.00	38.32 0.23 0.00	38.99 0.27 0.00	39.36 0.16 0.00	42.38 0.17 0.00	48.93 0.24 0.00	63.48 0.32 0.00	74.93 0.52 -0.37	70.50 0.42 0.00	58.77 0.18 0.00	51.78 0.15 0.00	47.18 0.14 0.00	44.16 -0.04 0.00
NEG MILLWOOD___DRP 24198	47.97 2.20 0.00	46.84 2.19 0.00	43.53 2.11 0.00	41.41 1.86 0.00	42.11 1.85 0.00	43.92 1.97 0.00	58.06 1.96 0.00	73.17 2.54 0.00	64.44 2.18 0.00	46.24 1.69 0.00	42.02 1.89 0.00	40.80 1.87 0.00	40.03 1.94 0.00	40.77 2.05 0.00	41.24 2.04 0.00	44.20 1.98 0.00	51.07 2.39 0.00	65.75 2.59 0.00	77.30 3.26 0.00	73.02 2.94 0.00	60.94 2.34 0.00	53.89 2.27 0.00	48.92 1.88 0.00	46.11 1.90 0.00
NEG NORTH_FLCN_SEA 23793	46.32 0.55 0.00	45.19 0.54 0.00	41.83 0.41 0.00	40.02 0.47 0.00	40.70 0.44 0.00	42.37 0.42 0.00	56.49 0.39 0.00	70.98 0.35 0.00	62.58 0.31 0.00	45.22 0.67 0.00	40.70 0.56 0.00	39.63 0.70 0.00	38.66 0.57 0.00	39.10 0.39 0.00	39.71 0.51 0.00	42.80 0.59 0.00	48.93 0.24 0.00	63.86 0.69 0.00	74.64 0.59 0.00	70.85 0.77 0.00	59.36 0.76 0.00	52.14 0.52 0.00	48.07 1.03 0.00	45.00 0.80 0.00
NEG NORTH_KES_CHATEGAY 23792	46.23 0.46 0.00	45.10 0.45 0.00	41.75 0.33 0.00	39.94 0.40 0.00	40.62 0.36 0.00	42.28 0.34 0.00	56.71 0.62 0.00	71.27 0.64 0.00	62.82 0.56 0.00	45.08 0.53 0.00	40.58 0.44 0.00	39.47 0.55 0.00	38.51 0.42 0.00	38.99 0.27 0.00	39.56 0.35 0.00	42.63 0.42 0.00	49.07 0.39 0.00	64.05 0.88 0.00	74.93 0.89 0.00	71.06 0.98 0.00	59.53 0.94 0.00	52.35 0.72 0.00	47.98 0.94 0.00	44.96 0.75 0.00
NEG NORTH___ALICE_FALLS 23915	46.55 0.78 0.00	45.41 0.76 0.00	42.04 0.62 0.00	40.22 0.67 0.00	40.90 0.64 0.00	42.58 0.63 0.00	56.93 0.84 0.00	71.55 0.92 0.00	63.07 0.81 0.00	45.39 0.85 0.00	40.86 0.72 0.00	39.79 0.86 0.00	38.85 0.76 0.00	39.26 0.54 0.00	39.87 0.67 0.00	42.97 0.76 0.00	49.32 0.63 0.00	64.49 1.33 0.00	75.30 1.26 0.00	71.48 1.40 0.00	59.89 1.29 0.00	52.60 0.98 0.00	48.35 1.32 0.00	45.27 1.06 0.00
NEG NORTH___LWR_SARANAC 23913	46.55 0.78 0.00	45.41 0.76 0.00	42.04 0.62 0.00	40.22 0.67 0.00	40.90 0.64 0.00	42.58 0.63 0.00	56.93 0.84 0.00	71.55 0.92 0.00	63.07 0.81 0.00	45.39 0.85 0.00	40.86 0.72 0.00	39.79 0.86 0.00	38.85 0.76 0.00	39.26 0.54 0.00	39.87 0.67 0.00	42.97 0.76 0.00	49.32 0.63 0.00	64.49 1.33 0.00	75.30 1.26 0.00	71.48 1.40 0.00	59.89 1.29 0.00	52.60 0.98 0.00	48.35 1.32 0.00	45.27 1.06 0.00
NEG NORTH___PLATTSBURG 23628	46.55 0.78 0.00	45.41 0.76 0.00	42.04 0.62 0.00	40.22 0.67 0.00	40.90 0.64 0.00	42.58 0.63 0.00	56.94 0.84 0.00	71.34 0.71 0.00	63.07 0.81 0.00	45.39 0.84 0.00	40.86 0.72 0.00	39.78 0.86 0.00	38.85 0.76 0.00	39.26 0.54 0.00	39.87 0.67 0.00	42.97 0.76 0.00	49.32 0.63 0.00	64.49 1.33 0.00	75.30 1.26 0.00	71.69 1.61 0.00	59.88 1.29 0.00	52.60 0.98 0.00	48.35 1.32 0.00	45.26 1.06 0.00
NEG WEST_LEA_LOCKPORT 23791	45.86 0.09 0.00	44.29 -0.36 0.00	41.42 0.00 0.00	39.78 0.24 0.00	40.50 0.24 0.00	41.78 -0.17 0.00	55.48 -0.62 0.00	70.21 -0.42 0.00	62.58 0.31 0.00	45.88 1.34 0.00	40.90 0.76 0.00	39.86 0.93 0.00	39.16 1.07 0.00	39.69 0.97 0.00	40.07 0.86 0.00	42.30 0.08 0.00	47.52 -1.17 0.00	60.83 -2.34 0.00	71.31 -2.74 0.00	67.91 -2.17 0.00	56.60 -1.99 0.00	50.64 -0.98 0.00	46.33 -0.71 0.00	43.54 -0.66 0.00
NEG WEST___LANCASTR 23811	45.40 -0.37 0.00	43.98 -0.67 0.00	41.09 -0.33 0.00	39.43 -0.12 0.00	40.18 -0.08 0.00	41.61 -0.34 0.00	55.48 -0.62 0.00	69.71 -0.92 0.00	62.02 -0.25 0.00	45.31 0.76 0.00	40.46 0.32 0.00	39.36 0.43 0.00	38.59 0.50 0.00	39.22 0.50 0.00	39.52 0.31 0.00	41.87 -0.34 0.00	47.18 -1.51 0.00	60.64 -2.53 0.00	71.16 -2.89 0.00	67.63 -2.45 0.00	56.31 -2.29 0.00	50.28 -1.34 0.00	45.91 -1.13 0.00	43.28 -0.93 0.00
NEG_PENN_ALLEGHNY 23528	46.46 0.69 0.00	45.19 0.54 0.00	42.04 0.62 0.00	40.18 0.63 0.00	40.90 0.64 0.00	42.62 0.67 0.00	56.88 0.78 0.00	71.76 1.13 0.00	63.32 1.06 0.00	45.57 1.03 0.00	40.98 0.84 0.00	39.67 0.74 0.00	38.85 0.76 0.00	39.57 0.85 0.00	39.91 0.71 0.00	42.85 0.63 0.00	49.22 0.54 0.00	63.67 0.50 0.00	74.71 0.66 0.00	70.71 0.63 0.00	59.01 0.41 0.00	51.93 0.31 0.00	47.51 0.47 0.00	44.60 0.40 0.00
NEG___GEN_MONROE 24207	46.14 0.37 0.00	44.74 0.09 0.00	41.67 0.25 0.00	39.94 0.40 0.00	40.70 0.44 0.00	42.07 0.13 0.00	56.15 0.06 0.00	70.91 0.28 0.00	63.01 0.75 0.00	45.57 1.02 0.00	40.70 0.56 0.00	39.59 0.66 0.00	38.85 0.76 0.00	39.41 0.70 0.00	39.83 0.63 0.00	42.34 0.13 0.00	48.30 -0.39 0.00	62.41 -0.76 0.00	73.23 -0.81 0.00	69.59 -0.49 0.00	57.78 -0.82 0.00	51.37 -0.26 0.00	46.99 -0.05 0.00	43.94 -0.27 0.00
NEPA___ENERGY 23901	46.18 0.41 0.00	44.74 0.09 0.00	41.83 0.41 0.00	40.14 0.59 0.00	40.90 0.64 0.00	42.41 0.46 0.00	56.49 0.39 0.00	71.20 0.57 0.00	63.14 0.87 0.00	46.15 1.60 0.00	41.22 1.08 0.00	40.10 1.17 0.00	39.31 1.22 0.00	40.00 1.28 0.00	40.26 1.06 0.00	42.68 0.46 0.00	48.15 -0.54 0.00	61.90 -1.26 0.00	72.56 -1.48 0.00	68.96 -1.12 0.00	57.42 -1.17 0.00	51.26 -0.36 0.00	46.80 -0.24 0.00	44.03 -0.18 0.00

NEVERSINK___HYD 23608	48.29 2.52 0.00	47.19 2.54 0.00	43.82 2.40 0.00	41.64 2.09 0.00	42.39 2.13 0.00	44.29 2.35 0.00	58.50 2.41 0.00	73.74 3.10 0.00	64.69 2.43 0.00	46.33 1.78 0.00	41.90 1.76 0.00	40.68 1.75 0.00	39.84 1.75 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.15 1.94 0.00	50.97 2.29 0.00	66.13 2.97 0.00	77.97 3.92 0.00	73.72 3.64 0.00	61.47 2.87 0.00	54.36 2.73 0.00	49.34 2.30 0.00	46.46 2.25 0.00
NEWKRMKL_115KV_TB1 55635	45.77 0.00 0.00	44.65 0.00 0.00	41.38 -0.04 0.00	39.51 -0.04 0.00	40.18 -0.08 0.00	42.07 0.13 0.00	55.93 -0.17 0.00	70.42 -0.21 0.00	61.89 -0.37 0.00	44.01 -0.53 0.00	39.78 -0.36 0.00	38.54 -0.39 0.00	37.71 -0.38 0.00	38.41 -0.31 0.00	38.97 -0.24 0.00	42.04 -0.17 0.00	48.59 -0.10 0.00	63.23 0.06 0.00	74.27 0.22 0.00	70.08 0.00 0.00	58.65 0.06 0.00	51.42 -0.21 0.00	46.80 -0.24 0.00	44.12 -0.09 0.00
NEWTON___FALLS_HYD 23847	47.11 1.24 -0.11	46.09 1.38 -0.05	42.62 1.20 0.00	40.69 1.15 0.00	41.43 1.17 0.00	43.04 1.09 0.00	57.94 1.85 0.00	72.61 1.98 0.00	63.88 1.62 0.00	45.35 0.80 0.00	40.74 0.60 0.00	39.47 0.55 0.00	38.55 0.46 0.00	38.95 0.23 0.00	39.44 0.24 0.00	42.72 0.51 0.00	49.12 0.44 0.00	64.43 1.26 0.00	75.94 1.70 -0.19	72.11 2.03 0.00	60.30 1.70 0.00	53.58 1.96 0.00	48.83 1.79 0.00	45.62 1.41 0.00
NGRID_A1_DSASP 323792	44.72 -1.05 0.00	43.05 -1.61 0.00	40.39 -1.03 0.00	38.79 -0.75 0.00	39.49 -0.77 0.00	40.73 -1.22 0.00	54.13 -1.96 0.00	68.79 -1.84 0.00	61.15 -1.12 0.00	44.90 0.35 0.00	40.10 -0.04 0.00	38.93 0.00 0.00	38.36 0.27 0.00	38.91 0.19 0.00	39.24 0.04 0.00	41.32 -0.89 0.00	46.40 -2.29 0.00	59.25 -3.92 0.00	69.38 -4.66 0.00	66.01 -4.07 0.00	55.14 -3.46 0.00	48.42 -3.20 0.00	45.20 -1.84 0.00	42.48 -1.72 0.00
NGRID_A2_DSASP 323793	44.72 -1.05 0.00	43.05 -1.61 0.00	40.39 -1.03 0.00	38.79 -0.75 0.00	39.49 -0.77 0.00	40.73 -1.22 0.00	54.13 -1.96 0.00	68.79 -1.84 0.00	61.15 -1.12 0.00	44.90 0.35 0.00	40.10 -0.04 0.00	38.93 0.00 0.00	38.36 0.27 0.00	38.91 0.19 0.00	39.24 0.04 0.00	41.32 -0.89 0.00	46.40 -2.29 0.00	59.25 -3.92 0.00	69.38 -4.66 0.00	66.01 -4.07 0.00	55.14 -3.46 0.00	48.42 -3.20 0.00	45.20 -1.84 0.00	42.48 -1.72 0.00
NGRID_A4_DSASP 323807	44.72 -1.05 0.00	43.05 -1.61 0.00	40.39 -1.03 0.00	38.79 -0.75 0.00	39.49 -0.77 0.00	40.73 -1.22 0.00	54.13 -1.96 0.00	68.79 -1.84 0.00	61.15 -1.12 0.00	44.90 0.35 0.00	40.10 -0.04 0.00	38.93 0.00 0.00	38.36 0.27 0.00	38.91 0.19 0.00	39.24 0.04 0.00	41.32 -0.89 0.00	46.40 -2.29 0.00	59.25 -3.92 0.00	69.38 -4.66 0.00	66.01 -4.07 0.00	55.14 -3.46 0.00	48.42 -3.20 0.00	45.20 -1.84 0.00	42.48 -1.72 0.00
NIAGARA_115E_LBMP 323715	45.54 -0.23 0.00	43.80 -0.85 0.00	41.13 -0.29 0.00	39.55 0.00 0.00	40.26 0.00 0.00	41.49 -0.46 0.00	54.97 -1.12 0.00	69.79 -0.84 0.00	62.02 -0.25 0.00	45.53 0.98 0.00	40.62 0.48 0.00	39.43 0.50 0.00	38.85 0.76 0.00	39.42 0.70 0.00	39.75 0.55 0.00	41.87 -0.34 0.00	47.08 -1.61 0.00	60.20 -2.97 0.00	70.49 -3.55 0.00	67.07 -3.01 0.00	55.96 -2.64 0.00	49.15 -2.48 0.00	45.86 -1.17 0.00	43.23 -0.97 0.00
NIAGARA_115W_LBMP 323714	44.63 -1.14 0.00	42.91 -1.74 0.00	40.30 -1.12 0.00	38.68 -0.87 0.00	39.37 -0.89 0.00	40.65 -1.30 0.00	53.96 -2.13 0.00	68.58 -2.05 0.00	60.95 -1.31 0.00	44.77 0.22 0.00	39.98 -0.16 0.00	38.81 -0.12 0.00	38.24 0.15 0.00	38.79 0.08 0.00	39.12 -0.08 0.00	41.20 -1.01 0.00	46.30 -2.38 0.00	59.12 -4.04 0.00	69.16 -4.89 0.00	65.80 -4.28 0.00	54.96 -3.63 0.00	48.27 -3.35 0.00	45.06 -1.97 0.00	42.35 -1.85 0.00
NIAGARA_230_LBMP 323716	45.27 -0.50 0.00	43.54 -1.11 0.00	40.88 -0.54 0.00	39.27 -0.27 0.00	39.98 -0.28 0.00	41.27 -0.67 0.00	54.81 -1.29 0.00	69.57 -1.06 0.00	61.83 -0.43 0.00	45.35 0.80 0.00	40.50 0.36 0.00	39.32 0.39 0.00	38.74 0.65 0.00	39.30 0.58 0.00	39.64 0.43 0.00	41.75 -0.46 0.00	46.98 -1.71 0.00	60.07 -3.09 0.00	70.27 -3.77 0.00	66.86 -3.22 0.00	55.84 -2.75 0.00	49.04 -2.58 0.00	45.77 -1.27 0.00	43.01 -1.19 0.00
NIAGARA___115KV_198_GIBSON 55903	44.63 -1.14 0.00	43.04 -1.61 0.00	40.30 -1.12 0.00	38.68 -0.87 0.00	39.37 -0.89 0.00	40.65 -1.30 0.00	54.02 -2.08 0.00	68.30 -2.33 0.00	60.96 -1.31 0.00	44.77 0.22 0.00	39.98 -0.16 0.00	38.97 0.04 0.00	38.24 0.15 0.00	38.79 0.08 0.00	39.12 -0.08 0.00	41.28 -0.93 0.00	46.30 -2.39 0.00	59.06 -4.11 0.00	69.16 -4.89 0.00	65.88 -4.20 0.00	54.96 -3.63 0.00	49.30 -2.32 0.00	45.11 -1.93 0.00	42.35 -1.86 0.00
NIAGARA____ 23760	45.27 -0.50 0.00	43.54 -1.11 0.00	40.88 -0.54 0.00	39.27 -0.27 0.00	39.98 -0.28 0.00	41.27 -0.67 0.00	54.81 -1.29 0.00	69.57 -1.06 0.00	61.83 -0.43 0.00	45.35 0.80 0.00	40.50 0.36 0.00	39.32 0.39 0.00	38.74 0.65 0.00	39.30 0.58 0.00	39.64 0.43 0.00	41.75 -0.46 0.00	46.98 -1.71 0.00	60.07 -3.09 0.00	70.27 -3.77 0.00	66.86 -3.22 0.00	55.84 -2.75 0.00	49.04 -2.58 0.00	45.77 -1.27 0.00	43.01 -1.19 0.00
NINE_MILE_1 23575	41.96 -1.33 2.49	41.98 -1.38 1.29	40.18 -1.24 0.00	38.40 -1.15 0.00	39.09 -1.17 0.00	40.69 -1.26 0.00	54.46 -1.63 0.00	68.65 -1.98 0.00	60.65 -1.62 0.00	43.44 -1.11 0.00	39.09 -1.04 0.00	37.88 -1.05 0.00	37.06 -1.03 0.00	37.71 -1.01 0.00	38.15 -1.06 0.00	41.03 -1.18 0.00	47.27 -1.41 0.00	61.27 -1.89 0.00	67.41 -2.22 4.41	67.98 -2.10 0.00	56.84 -1.76 0.00	50.02 -1.60 0.00	45.63 -1.41 0.00	42.83 -1.37 0.00
NINE_MILE_2 23744	41.93 -1.33 2.51	41.97 -1.38 1.30	40.18 -1.24 0.00	38.40 -1.15 0.00	39.09 -1.17 0.00	40.69 -1.26 0.00	54.46 -1.63 0.00	68.65 -1.98 0.00	60.65 -1.62 0.00	43.44 -1.11 0.00	39.09 -1.04 0.00	37.88 -1.05 0.00	37.06 -1.03 0.00	37.71 -1.01 0.00	38.15 -1.06 0.00	41.03 -1.18 0.00	47.27 -1.41 0.00	61.27 -1.89 0.00	67.37 -2.22 4.45	67.98 -2.10 0.00	56.84 -1.76 0.00	50.02 -1.60 0.00	45.63 -1.41 0.00	42.83 -1.37 0.00
NM_CAPITAL___DRP 24208	45.72 -0.05 0.00	44.61 -0.04 0.00	41.34 -0.08 0.00	39.47 -0.08 0.00	40.18 -0.08 0.00	42.07 0.13 0.00	55.93 -0.17 0.00	70.42 -0.21 0.00	61.89 -0.37 0.00	43.97 -0.58 0.00	39.74 -0.40 0.00	38.54 -0.39 0.00	37.71 -0.38 0.00	38.37 -0.35 0.00	38.93 -0.27 0.00	42.04 -0.17 0.00	48.59 -0.10 0.00	63.16 0.00 0.00	74.19 0.15 0.00	70.01 -0.07 0.00	58.60 0.00 0.00	51.37 -0.26 0.00	46.76 -0.28 0.00	44.12 -0.09 0.00
NM_CENTRAL___DRP 24181	45.35 -0.50 -0.08	44.16 -0.54 -0.04	40.92 -0.50 0.00	39.11 -0.44 0.00	39.82 -0.44 0.00	41.49 -0.46 0.00	55.53 -0.56 0.00	69.93 -0.71 0.00	61.89 -0.37 0.00	44.33 -0.22 0.00	39.90 -0.24 0.00	38.66 -0.27 0.00	37.82 -0.27 0.00	38.49 -0.23 0.00	38.89 -0.31 0.00	41.83 -0.38 0.00	48.25 -0.44 0.00	62.47 -0.69 0.00	73.45 -0.74 -0.15	69.31 -0.77 0.00	57.89 -0.70 0.00	51.06 -0.57 0.00	46.47 -0.56 0.00	43.59 -0.62 0.00

NM_FRONTIER___DRP 24179	44.63 -1.14 0.00	43.04 -1.61 0.00	40.30 -1.12 0.00	38.68 -0.87 0.00	39.37 -0.89 0.00	40.65 -1.30 0.00	54.02 -2.08 0.00	68.30 -2.33 0.00	60.96 -1.31 0.00	44.77 0.22 0.00	39.98 -0.16 0.00	38.97 0.04 0.00	38.24 0.15 0.00	38.79 0.08 0.00	39.12 -0.08 0.00	41.28 -0.93 0.00	46.30 -2.39 0.00	59.06 -4.11 0.00	69.16 -4.89 0.00	65.88 -4.20 0.00	54.96 -3.63 0.00	49.30 -2.32 0.00	45.11 -1.93 0.00	42.35 -1.86 0.00
NM_ST_REGIS___HYD 24053	47.05 1.28 0.00	45.99 1.34 0.00	42.58 1.16 0.00	40.69 1.15 0.00	41.39 1.13 0.00	43.04 1.09 0.00	58.00 1.91 0.00	72.75 2.12 0.00	64.07 1.81 0.00	45.71 1.16 0.00	41.10 0.96 0.00	39.98 1.05 0.00	39.00 0.91 0.00	39.41 0.70 0.00	40.03 0.82 0.00	43.23 1.01 0.00	49.76 1.07 0.00	65.18 2.02 0.00	76.27 2.22 0.00	72.53 2.45 0.00	60.76 2.17 0.00	53.53 1.91 0.00	48.97 1.93 0.00	45.75 1.55 0.00
NORTHPORT___1 23551	47.23 1.46 0.01	46.03 1.39 0.01	42.57 1.16 0.00	40.41 0.87 0.00	41.10 0.85 0.00	42.83 0.88 0.00	47.92 -0.17 8.01	48.75 -0.07 21.81	48.14 -0.25 13.88	45.12 0.58 0.01	41.70 1.56 0.01	40.37 1.44 0.01	39.53 1.45 0.01	40.34 1.63 0.01	40.88 1.68 0.01	43.90 1.69 0.01	49.30 0.63 0.02	63.53 0.38 0.02	74.70 0.66 0.02	70.42 0.35 0.02	58.82 0.24 0.02	52.12 0.52 0.02	46.39 0.14 0.79	44.64 0.44 0.01
NORTHPORT___2 23552	47.23 1.46 0.01	46.03 1.39 0.01	42.57 1.16 0.00	40.41 0.87 0.00	41.10 0.85 0.00	42.83 0.88 0.00	47.92 -0.17 8.01	48.75 -0.07 21.81	48.14 -0.25 13.88	45.12 0.58 0.01	41.70 1.56 0.01	40.37 1.44 0.01	39.53 1.45 0.01	40.34 1.63 0.01	40.88 1.68 0.01	43.90 1.69 0.01	49.30 0.63 0.02	63.53 0.38 0.02	74.70 0.66 0.02	70.42 0.35 0.02	58.82 0.24 0.02	52.12 0.52 0.02	46.39 0.14 0.79	44.64 0.44 0.01
NORTHPORT___3 23553	47.14 1.37 0.01	45.94 1.30 0.01	42.49 1.08 0.00	40.33 0.79 0.00	41.02 0.76 0.00	42.74 0.79 0.00	47.90 -0.28 7.91	48.71 -0.21 21.71	48.18 -0.37 13.72	45.26 0.49 -0.23	41.62 1.49 0.00	40.32 1.36 -0.03	39.45 1.37 0.01	40.30 1.59 0.01	40.81 1.61 0.01	43.81 1.60 0.01	49.21 0.54 0.02	63.40 0.25 0.02	74.55 0.52 0.02	70.28 0.21 0.02	58.70 0.12 0.02	52.02 0.41 0.02	46.30 0.05 0.78	44.55 0.35 0.01
NORTHPORT___4 23650	47.14 1.37 0.01	45.94 1.30 0.01	42.49 1.08 0.00	40.33 0.79 0.00	41.02 0.76 0.00	42.74 0.79 0.00	47.90 -0.28 7.91	48.71 -0.21 21.71	48.18 -0.37 13.72	45.26 0.49 -0.23	41.62 1.49 0.00	40.32 1.36 -0.03	39.45 1.37 0.01	40.30 1.59 0.01	40.81 1.61 0.01	43.81 1.60 0.01	49.21 0.54 0.02	63.40 0.25 0.02	74.55 0.52 0.02	70.28 0.21 0.02	58.70 0.12 0.02	52.02 0.41 0.02	46.30 0.05 0.78	44.55 0.35 0.01
NORTHPORT___IC 23718	47.23 1.46 0.01	45.72 1.07 0.01	42.58 1.16 0.00	40.42 0.87 0.00	41.11 0.85 0.00	42.83 0.88 0.00	47.92 -0.17 8.01	48.75 -0.07 21.81	48.14 -0.25 13.88	45.13 0.58 0.00	41.70 1.57 0.01	40.33 1.40 0.01	39.53 1.45 0.01	40.34 1.63 0.01	40.88 1.69 0.01	43.81 1.60 0.01	49.30 0.63 0.02	63.46 0.32 0.02	74.62 0.59 0.02	70.42 0.35 0.02	58.76 0.18 0.02	52.07 0.46 0.02	46.34 0.09 0.79	44.65 0.44 0.00
NORTH___COUNTRY_ESR 323785	46.13 0.36 0.00	45.01 0.36 0.00	41.67 0.25 0.00	39.86 0.31 0.00	40.54 0.28 0.00	42.20 0.25 0.00	56.54 0.45 0.00	70.92 0.28 0.00	62.70 0.44 0.00	44.99 0.45 0.00	40.54 0.40 0.00	39.43 0.50 0.00	38.51 0.42 0.00	38.95 0.23 0.00	39.52 0.31 0.00	42.59 0.38 0.00	48.98 0.29 0.00	63.92 0.76 0.00	74.71 0.66 0.00	71.06 0.98 0.00	59.36 0.76 0.00	52.25 0.62 0.00	47.84 0.80 0.00	44.82 0.62 0.00
NPX_GEN_1385_PROXY 323591	47.09 1.33 0.01	45.94 1.30 0.01	42.54 1.12 0.00	40.33 0.79 0.00	41.02 0.76 0.00	42.74 0.79 0.00	47.98 -0.11 8.01	52.09 0.21 18.75	50.02 0.00 12.24	44.83 0.40 0.12	37.72 1.40 3.82	37.20 1.28 3.01	38.88 1.30 0.51	38.75 1.47 1.44	40.30 1.53 0.43	43.72 1.52 0.01	49.16 0.49 0.02	63.40 0.25 0.02	74.48 0.45 0.02	66.52 0.07 3.63	58.64 0.06 0.02	51.97 0.36 0.02	46.25 0.00 0.79	44.59 0.40 0.01
NPX_GEN_CSC 323557	46.68 0.92 0.00	45.32 0.67 0.00	41.95 0.54 0.00	39.78 0.24 0.00	40.46 0.20 0.00	42.16 0.21 0.00	44.99 -0.95 10.15	48.10 -0.99 21.55	43.46 -1.18 17.62	35.02 -0.22 9.30	40.93 0.84 0.06	38.29 0.74 1.37	38.85 0.76 0.00	39.68 0.97 0.00	40.26 1.06 0.00	43.39 1.18 0.00	49.01 0.34 0.02	63.21 0.06 0.02	74.33 0.30 0.02	70.07 0.00 0.02	58.46 -0.12 0.02	51.92 0.31 0.02	45.98 -0.28 0.78	44.15 -0.04 0.01
NSINS_S_GLNS_FALLS 23858	47.23 1.46 0.00	45.99 1.34 0.00	42.66 1.24 0.00	40.77 1.23 0.00	41.39 1.13 0.00	43.20 1.26 0.00	57.55 1.46 0.00	72.82 2.19 0.00	63.63 1.37 0.00	44.95 0.40 0.00	40.34 0.20 0.00	38.89 -0.04 0.00	37.98 -0.11 0.00	38.72 0.00 0.00	39.28 0.08 0.00	42.68 0.46 0.00	49.56 0.88 0.00	64.99 1.83 0.00	76.49 2.44 0.00	72.18 2.10 0.00	60.24 1.64 0.00	52.81 1.19 0.00	48.31 1.27 0.00	45.44 1.24 0.00
NUCOR_STEEL___DRP 24197	46.18 0.18 -0.22	44.81 0.04 -0.12	41.50 0.08 0.00	39.67 0.12 0.00	40.38 0.12 0.00	42.07 0.13 0.00	56.37 0.28 0.00	71.06 0.42 0.00	62.82 0.56 0.00	45.04 0.49 0.00	40.50 0.36 0.00	39.20 0.27 0.00	38.36 0.27 0.00	39.03 0.31 0.00	39.40 0.20 0.00	42.42 0.21 0.00	48.88 0.19 0.00	63.35 0.19 0.00	74.82 0.37 -0.40	70.43 0.35 0.00	58.71 0.12 0.00	51.78 0.15 0.00	47.23 0.19 0.00	44.21 0.00 0.00
NUMBER_THREE_WT_PWR 323818	47.21 1.33 -0.11	46.18 1.47 -0.06	42.75 1.33 0.00	40.77 1.23 0.00	41.59 1.33 0.00	43.16 1.22 0.00	58.06 1.96 0.00	72.96 2.33 0.00	64.32 2.05 0.00	45.48 0.94 0.00	40.82 0.68 0.00	39.43 0.50 0.00	38.20 0.11 0.00	38.56 -0.15 0.00	39.01 -0.20 0.00	42.30 0.08 0.00	48.93 0.24 0.00	64.11 0.95 0.00	75.81 1.56 -0.20	72.11 2.03 0.00	60.23 1.64 0.00	53.63 2.01 0.00	48.78 1.74 0.00	45.62 1.41 0.00
NYISO_LBMP_REFERENCE 24008	45.77 0.00 0.00	44.65 0.00 0.00	41.42 0.00 0.00	39.55 0.00 0.00	40.26 0.00 0.00	41.95 0.00 0.00	56.09 0.00 0.00	70.63 0.00 0.00	62.26 0.00 0.00	44.55 0.00 0.00	40.14 0.00 0.00	38.93 0.00 0.00	38.09 0.00 0.00	38.72 0.00 0.00	39.20 0.00 0.00	42.21 0.00 0.00	48.69 0.00 0.00	63.16 0.00 0.00	74.05 0.00 0.00	70.08 0.00 0.00	58.60 0.00 0.00	51.62 0.00 0.00	47.04 0.00 0.00	44.21 0.00 0.00
NYPA_BRENTWD____GT 24164	47.92 2.15 0.00	46.57 1.92 0.00	43.12 1.70 0.00	40.89 1.35 0.00	41.58 1.33 0.00	43.33 1.38 0.00	48.49 0.23 7.83	49.86 0.00 20.77	48.68 0.00 13.58	44.79 1.11 0.87	42.14 2.01 0.01	40.67 1.87 0.13	39.88 1.79 0.00	40.73 2.01 0.00	41.28 2.08 0.00	44.40 2.19 0.00	50.03 1.36 0.01	64.54 1.39 0.01	75.95 1.92 0.01	71.61 1.54 0.01	59.81 1.23 0.01	53.00 1.39 0.01	46.57 0.28 0.75	45.26 1.06 0.01

NYPA_GOWANUS____GT5 24156	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NYPA_GOWANUS____GT6 24157	48.57 2.79 -0.01	47.38 2.72 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.60 2.45 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.57 2.94 -0.01	49.49 2.44 -0.01	46.69 2.47 -0.01
NYPA_HARLEM__RVR__GT1 24160	48.11 2.33 -0.01	46.98 2.32 -0.01	43.50 2.07 -0.01	41.37 1.82 -0.01	42.08 1.81 -0.01	43.97 2.01 -0.01	57.89 1.79 0.00	72.95 2.33 0.01	64.12 1.87 0.01	46.45 1.91 0.01	42.22 2.09 0.01	41.10 2.18 0.01	40.21 2.13 0.01	40.95 2.24 0.01	41.47 2.27 0.01	44.40 2.19 0.01	51.16 2.48 0.01	65.62 2.46 0.01	77.00 2.96 0.01	72.59 2.52 0.01	60.69 2.11 0.01	53.94 2.33 0.01	48.88 1.83 -0.01	46.11 1.90 -0.01
NYPA_HARLEM__RVR__GT2 24161	48.11 2.33 -0.01	46.98 2.32 -0.01	43.50 2.07 -0.01	41.37 1.82 -0.01	42.08 1.81 -0.01	43.97 2.01 -0.01	57.89 1.79 0.00	72.95 2.33 0.01	64.12 1.87 0.01	46.45 1.91 0.01	42.22 2.09 0.01	41.10 2.18 0.01	40.21 2.13 0.01	40.95 2.24 0.01	41.47 2.27 0.01	44.40 2.19 0.01	51.16 2.48 0.01	65.62 2.46 0.01	77.00 2.96 0.01	72.59 2.52 0.01	60.69 2.11 0.01	53.94 2.33 0.01	48.88 1.83 -0.01	46.11 1.90 -0.01
NYPA_KENT____GT 24152	48.48 2.70 -0.01	47.29 2.63 -0.01	43.79 2.36 -0.01	41.69 2.13 -0.01	42.36 2.09 -0.01	44.34 2.39 -0.01	58.34 2.25 0.00	73.60 2.97 0.00	64.63 2.37 0.00	46.82 2.27 0.00	42.51 2.37 -0.01	41.35 2.41 -0.01	40.50 2.40 -0.01	41.21 2.48 -0.01	41.72 2.51 -0.01	44.71 2.49 -0.01	51.52 2.82 -0.01	66.19 3.03 0.00	77.75 3.70 0.00	73.31 3.23 0.00	61.29 2.70 0.00	54.41 2.79 0.00	49.35 2.30 -0.01	46.56 2.34 -0.01
NYPA_POUCH1____GT 24155	48.62 2.84 -0.01	47.47 2.81 -0.01	43.96 2.53 -0.01	41.85 2.29 -0.01	42.56 2.29 -0.01	44.56 2.60 -0.01	58.63 2.53 -0.01	73.96 3.32 -0.01	64.88 2.61 0.00	47.00 2.45 0.00	42.64 2.49 -0.01	41.43 2.49 -0.01	40.54 2.44 -0.01	41.28 2.55 -0.01	41.80 2.59 -0.01	44.80 2.58 -0.01	51.61 2.92 -0.01	66.57 3.41 0.00	78.20 4.14 -0.01	73.73 3.64 -0.01	61.64 3.05 0.00	54.68 3.05 -0.01	49.58 2.54 -0.01	46.78 2.56 -0.01
NYPA_VERNON____GT2 24162	48.39 2.61 -0.01	47.20 2.54 -0.01	43.71 2.28 -0.01	41.57 2.02 -0.01	42.28 2.01 -0.01	44.22 2.26 -0.01	58.23 2.13 0.00	73.38 2.75 0.00	64.50 2.24 0.00	46.73 2.18 0.00	42.47 2.33 -0.01	41.31 2.37 -0.01	40.42 2.32 -0.01	41.17 2.44 -0.01	41.68 2.47 -0.01	44.63 2.40 -0.01	51.42 2.72 -0.01	66.07 2.91 0.00	77.53 3.48 0.00	73.16 3.08 0.00	61.11 2.52 0.00	54.26 2.63 0.00	49.21 2.16 -0.01	46.42 2.21 -0.01
NYPA_VERNON____GT3 24163	48.39 2.61 -0.01	47.20 2.54 -0.01	43.71 2.28 -0.01	41.57 2.02 -0.01	42.																			

OAKDALE___35_KV_LOAD 356122	46.23 0.46 0.00	45.01 0.36 0.00	41.88 0.46 0.00	39.98 0.44 0.00	40.74 0.48 0.00	42.41 0.46 0.00	56.60 0.50 0.00	71.34 0.71 0.00	63.01 0.75 0.00	45.31 0.76 0.00	40.74 0.60 0.00	39.47 0.55 0.00	38.66 0.57 0.00	39.34 0.62 0.00	39.71 0.51 0.00	42.63 0.42 0.00	48.98 0.29 0.00	63.35 0.19 0.00	74.34 0.30 0.00	70.36 0.28 0.00	58.71 0.12 0.00	51.88 0.26 0.00	47.27 0.24 0.00	44.43 0.22 0.00
OCC_CHEM___DRP 24175	44.72 -1.05 0.00	43.18 -1.47 0.00	40.38 -1.04 0.00	38.80 -0.75 0.00	39.49 -0.76 0.00	40.73 -1.22 0.00	54.13 -1.96 0.00	68.51 -2.12 0.00	61.14 -1.12 0.00	44.90 0.36 0.00	40.10 -0.04 0.00	39.05 0.12 0.00	38.36 0.27 0.00	38.91 0.19 0.00	39.24 0.04 0.00	41.41 -0.80 0.00	46.40 -2.29 0.00	59.25 -3.92 0.00	69.38 -4.66 0.00	66.02 -4.06 0.00	55.14 -3.46 0.00	49.40 -2.22 0.00	45.20 -1.83 0.00	42.48 -1.72 0.00
OH_GEN_PROXY 24063	45.27 -0.50 0.00	43.54 -1.11 0.00	40.88 -0.54 0.00	39.23 -0.32 0.00	39.94 -0.32 0.00	41.27 -0.67 0.00	54.86 -1.23 0.00	69.64 -0.99 0.00	61.83 -0.43 0.00	45.35 0.80 0.00	40.50 0.36 0.00	39.32 0.39 0.00	38.70 0.61 0.00	39.26 0.54 0.00	39.64 0.43 0.00	41.79 -0.42 0.00	47.03 -1.66 0.00	60.13 -3.03 0.00	70.42 -3.63 0.00	67.00 -3.08 0.00	55.96 -2.64 0.00	49.09 -2.53 0.00	45.77 -1.27 0.00	43.01 -1.19 0.00
OLIN_CORP_DRP 24177	45.54 -0.23 0.00	43.94 -0.71 0.00	41.13 -0.29 0.00	39.55 0.00 0.00	40.26 0.00 0.00	41.49 -0.46 0.00	55.03 -1.07 0.00	69.57 -1.06 0.00	62.08 -0.19 0.00	45.57 1.02 0.00	40.62 0.48 0.00	39.59 0.66 0.00	38.89 0.80 0.00	39.41 0.70 0.00	39.79 0.59 0.00	42.00 -0.21 0.00	47.13 -1.56 0.00	60.26 -2.91 0.00	70.57 -3.48 0.00	67.14 -2.94 0.00	56.02 -2.58 0.00	50.23 -1.39 0.00	45.91 -1.13 0.00	43.23 -0.97 0.00
OLIN_CORP_DSASP 323712	44.72 -1.05 0.00	43.05 -1.61 0.00	40.39 -1.03 0.00	38.79 -0.75 0.00	39.49 -0.77 0.00	40.73 -1.22 0.00	54.13 -1.96 0.00	68.79 -1.84 0.00	61.15 -1.12 0.00	44.90 0.35 0.00	40.10 -0.04 0.00	38.93 0.00 0.00	38.36 0.27 0.00	38.91 0.19 0.00	39.24 0.04 0.00	41.32 -0.89 0.00	46.40 -2.29 0.00	59.25 -3.92 0.00	69.38 -4.66 0.00	66.01 -4.07 0.00	55.14 -3.46 0.00	48.42 -3.20 0.00	45.20 -1.84 0.00	42.48 -1.72 0.00
ONEIDA_HERK_LFGE 323681	46.91 1.14 0.00	45.90 1.25 0.00	42.58 1.16 0.00	40.61 1.07 0.00	41.39 1.13 0.00	43.04 1.09 0.00	57.77 1.68 0.00	72.75 2.12 0.00	64.13 1.87 0.00	45.53 0.98 0.00	40.94 0.80 0.00	39.55 0.62 0.00	38.55 0.46 0.00	39.07 0.35 0.00	39.52 0.31 0.00	42.76 0.55 0.00	49.42 0.73 0.00	64.43 1.26 0.00	75.82 1.77 0.00	72.04 1.96 0.00	60.18 1.58 0.00	53.23 1.60 0.00	48.45 1.41 0.00	45.40 1.19 0.00
ONEIDA___115KV_TB4 55905	47.05 1.28 0.00	45.99 1.34 0.00	42.66 1.24 0.00	40.73 1.19 0.00	41.51 1.25 0.00	43.20 1.26 0.00	57.94 1.85 0.00	73.03 2.40 0.00	64.38 2.12 0.00	45.75 1.20 0.00	41.10 0.96 0.00	39.75 0.82 0.00	38.81 0.72 0.00	39.49 0.77 0.00	39.91 0.71 0.00	43.10 0.89 0.00	49.85 1.17 0.00	64.87 1.71 0.00	76.27 2.22 0.00	72.32 2.24 0.00	60.35 1.76 0.00	53.22 1.60 0.00	48.40 1.36 0.00	45.40 1.19 0.00
ONONDAGA_REF_OCCRA 23987	45.58 -0.27 -0.08	44.34 -0.36 -0.04	41.13 -0.29 0.00	39.27 -0.28 0.00	39.98 -0.28 0.00	41.65 -0.29 0.00	55.76 -0.34 0.00	70.28 -0.35 0.00	62.14 -0.12 0.00	44.50 -0.04 0.00	40.06 -0.08 0.00	38.77 -0.16 0.00	37.94 -0.15 0.00	38.64 -0.08 0.00	39.05 -0.16 0.00	42.00 -0.21 0.00	48.44 -0.24 0.00	62.78 -0.38 0.00	73.82 -0.37 -0.15	69.73 -0.35 0.00	58.19 -0.41 0.00	51.31 -0.31 0.00	46.71 -0.33 0.00	43.81 -0.40 0.00
ONONDAGA___COGEN 23986	45.81 -0.23 -0.27	44.48 -0.31 -0.14	41.17 -0.25 0.00	39.31 -0.24 0.00	40.06 -0.20 0.00	41.69 -0.25 0.00	55.87 -0.22 0.00	70.35 -0.28 0.00	62.26 0.00 0.00	44.59 0.04 0.00	40.14 0.00 0.00	38.85 -0.08 0.00	38.01 -0.08 0.00	38.72 0.00 0.00	39.09 -0.12 0.00	42.09 -0.13 0.00	48.54 -0.15 0.00	62.85 -0.32 0.00	74.23 -0.30 -0.48	69.80 -0.28 0.00	58.24 -0.35 0.00	51.31 -0.31 0.00	46.76 -0.28 0.00	43.85 -0.35 0.00
ONTARIO___LFGE 23819	46.56 0.69 -0.10	45.10 0.40 -0.05	41.96 0.54 0.00	40.14 0.59 0.00	40.86 0.60 0.00	42.53 0.59 0.00	56.77 0.68 0.00	71.76 1.13 0.00	63.51 1.24 0.00	45.79 1.25 0.00	41.02 0.88 0.00	39.63 0.70 0.00	38.85 0.76 0.00	39.53 0.81 0.00	39.91 0.71 0.00	42.76 0.55 0.00	49.22 0.54 0.00	63.61 0.45 0.00	74.96 0.74 -0.18	70.78 0.70 0.00	58.83 0.24 0.00	51.62 0.00 0.00	47.60 0.57 0.00	44.47 0.27 0.00
ORANGEVILLE_WT_PWR 323706	46.05 0.28 0.00	44.43 -0.22 0.00	41.63 0.21 0.00	39.90 0.36 0.00	40.66 0.40 0.00	42.12 0.17 0.00	56.09 0.00 0.00	71.06 0.43 0.00	62.82 0.56 0.00	45.66 1.11 0.00	40.70 0.56 0.00	39.43 0.50 0.00	38.93 0.84 0.00	39.53 0.81 0.00	39.95 0.74 0.00	42.38 0.17 0.00	48.05 -0.63 0.00	61.83 -1.33 0.00	72.49 -1.56 0.00	68.82 -1.26 0.00	57.31 -1.29 0.00	50.33 -1.29 0.00	46.76 -0.28 0.00	43.85 -0.36 0.00
ORANGEVILLE___ESR 323794	46.05 0.28 0.00	44.43 -0.22 0.00	41.63 0.21 0.00	39.90 0.36 0.00	40.66 0.40 0.00	42.12 0.17 0.00	56.09 0.00 0.00	71.06 0.43 0.00	62.82 0.56 0.00	45.66 1.11 0.00	40.70 0.56 0.00	39.43 0.50 0.00	38.93 0.84 0.00	39.53 0.81 0.00	39.95 0.74 0.00	42.38 0.17 0.00	48.05 -0.63 0.00	61.83 -1.33 0.00	72.49 -1.56 0.00	68.82 -1.26 0.00	57.31 -1.29 0.00	50.33 -1.29 0.00	46.76 -0.28 0.00	43.85 -0.36 0.00
OSWEGATCHIE___HYD 24044	47.11 1.24 -0.11	46.09 1.39 -0.05	42.62 1.20 0.00	40.69 1.15 0.00	41.43 1.17 0.00	43.04 1.09 0.00	57.94 1.85 0.00	72.46 1.83 0.00	63.88 1.62 0.00	45.35 0.80 0.00	40.74 0.60 0.00	39.47 0.54 0.00	38.55 0.46 0.00	38.95 0.23 0.00	39.44 0.24 0.00	42.72 0.51 0.00	49.12 0.44 0.00	64.43 1.26 0.00	75.94 1.70 0.00	72.18 2.10 0.00	60.30 1.70 0.00	53.58 1.96 0.00	48.82 1.79 0.00	45.62 1.41 0.00
OSWEGO___5 23606	46.39 -0.96 -1.59	44.45 -1.03 -0.82	40.51 -0.91 0.00	38.68 -0.87 0.00	39.41 -0.85 0.00	41.02 -0.92 0.00	54.91 -1.18 0.00	69.22 -1.41 0.00	61.08 -1.18 0.00	43.79 -0.76 0.00	39.42 -0.72 0.00	38.19 -0.74 0.00	37.37 -0.72 0.00	38.02 -0.70 0.00	38.42 -0.78 0.00	41.32 -0.89 0.00	47.66 -1.02 0.00	61.77 -1.39 0.00	75.24 -1.63 -2.82	68.54 -1.54 0.00	57.25 -1.35 0.00	50.38 -1.24 0.00	46.00 -1.04 0.00	43.14 -1.06 0.00
OSWEGO___6 23613	46.39 -0.96 -1.59	44.45 -1.03 -0.82	40.51 -0.91 0.00	38.68 -0.87 0.00	39.41 -0.85 0.00	41.02 -0.92 0.00	54.91 -1.18 0.00	69.22 -1.41 0.00	61.08 -1.18 0.00	43.79 -0.76 0.00	39.42 -0.72 0.00	38.19 -0.74 0.00	37.37 -0.72 0.00	38.02 -0.70 0.00	38.42 -0.78 0.00	41.32 -0.89 0.00	47.66 -1.02 0.00	61.77 -1.39 0.00	75.24 -1.63 -2.82	68.54 -1.54 0.00	57.25 -1.35 0.00	50.38 -1.24 0.00	46.00 -1.04 0.00	43.14 -1.06 0.00

OUTOKUMPU-AB___DRP 24206	45.86 0.09 0.00	44.29 -0.36 0.00	41.42 0.00 0.00	39.78 0.24 0.00	40.50 0.24 0.00	41.78 -0.17 0.00	55.59 -0.50 0.00	70.28 -0.35 0.00	62.70 0.44 0.00	46.02 1.47 0.00	41.02 0.88 0.00	39.94 1.01 0.00	39.23 1.14 0.00	39.80 1.08 0.00	40.18 0.98 0.00	42.42 0.21 0.00	47.61 -1.07 0.00	61.02 -2.15 0.00	71.45 -2.59 0.00	67.98 -2.10 0.00	56.72 -1.88 0.00	50.75 -0.88 0.00	46.43 -0.61 0.00	43.54 -0.66 0.00
OXBOW___BTM 323836	45.36 -0.41 0.00	43.67 -0.98 0.00	40.97 -0.45 0.00	39.35 -0.20 0.00	40.06 -0.20 0.00	41.32 -0.63 0.00	54.91 -1.18 0.00	69.79 -0.84 0.00	62.02 -0.25 0.00	45.57 1.03 0.00	40.62 0.48 0.00	39.43 0.50 0.00	38.85 0.76 0.00	39.42 0.70 0.00	39.79 0.59 0.00	41.87 -0.34 0.00	47.13 -1.56 0.00	60.26 -2.90 0.00	70.57 -3.48 0.00	67.14 -2.94 0.00	56.02 -2.58 0.00	49.15 -2.48 0.00	45.91 -1.13 0.00	43.06 -1.15 0.00
OXBOW___ 24026	45.36 -0.41 0.00	43.80 -0.85 0.00	40.96 -0.46 0.00	39.35 -0.20 0.00	40.06 -0.20 0.00	41.32 -0.63 0.00	54.97 -1.12 0.00	69.50 -1.13 0.00	62.02 -0.25 0.00	45.57 1.02 0.00	40.62 0.48 0.00	39.59 0.66 0.00	38.85 0.76 0.00	39.41 0.70 0.00	39.79 0.59 0.00	42.00 -0.21 0.00	47.08 -1.61 0.00	60.26 -2.91 0.00	70.57 -3.48 0.00	67.14 -2.94 0.00	56.02 -2.58 0.00	50.18 -1.45 0.00	45.91 -1.13 0.00	43.06 -1.15 0.00
OXY_CHEM_DSASP 323612	44.72 -1.05 0.00	43.18 -1.47 0.00	40.38 -1.04 0.00	38.80 -0.75 0.00	39.49 -0.76 0.00	40.73 -1.22 0.00	54.13 -1.96 0.00	68.51 -2.12 0.00	61.14 -1.12 0.00	44.90 0.36 0.00	40.10 -0.04 0.00	39.05 0.12 0.00	38.36 0.27 0.00	38.91 0.19 0.00	39.24 0.04 0.00	41.41 -0.80 0.00	46.40 -2.29 0.00	59.25 -3.92 0.00	69.38 -4.66 0.00	66.02 -4.06 0.00	55.14 -3.46 0.00	49.40 -2.22 0.00	45.20 -1.83 0.00	42.48 -1.72 0.00
OZONE_PARK_ESR 323760	48.42 2.65 0.00	47.20 2.55 0.00	43.74 2.32 0.00	41.60 2.06 0.00	42.31 2.05 0.00	44.25 2.31 0.00	58.34 2.24 0.00	73.67 3.04 0.00	64.76 2.49 0.00	46.82 2.27 0.00	42.55 2.41 0.00	41.34 2.41 0.00	40.53 2.44 0.00	41.23 2.52 0.00	41.75 2.55 0.00	44.66 2.45 0.00	51.56 2.87 0.00	66.32 3.16 0.00	77.90 3.85 0.00	73.51 3.43 0.00	61.41 2.81 0.00	54.36 2.74 0.00	49.30 2.26 0.00	46.46 2.25 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.72 -1.05 0.00	43.18 -1.47 0.00	40.38 -1.04 0.00	38.80 -0.75 0.00	39.49 -0.76 0.00	40.73 -1.22 0.00	54.13 -1.96 0.00	68.51 -2.12 0.00	61.14 -1.12 0.00	44.90 0.36 0.00	40.10 -0.04 0.00	39.05 0.12 0.00	38.36 0.27 0.00	38.91 0.19 0.00	39.24 0.04 0.00	41.41 -0.80 0.00	46.40 -2.29 0.00	59.25 -3.92 0.00	69.38 -4.66 0.00	66.02 -4.06 0.00	55.14 -3.46 0.00	49.40 -2.22 0.00	45.20 -1.83 0.00	42.48 -1.72 0.00
PACKARD___115KV_DUPONT_184 80571	44.72 -1.05 0.00	43.05 -1.61 0.00	40.39 -1.03 0.00	38.79 -0.75 0.00	39.49 -0.77 0.00	40.73 -1.22 0.00	54.13 -1.96 0.00	68.79 -1.84 0.00	61.15 -1.12 0.00	44.90 0.35 0.00	40.10 -0.04 0.00	38.93 0.00 0.00	38.36 0.27 0.00	38.91 0.19 0.00	39.24 0.04 0.00	41.32 -0.89 0.00	46.40 -2.29 0.00	59.25 -3.92 0.00	69.38 -4.66 0.00	66.01 -4.07 0.00	55.14 -3.46 0.00	48.42 -3.20 0.00	45.20 -1.84 0.00	42.48 -1.72 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.30 2.52 -0.01	47.07 2.41 -0.01	43.62 2.20 -0.01	41.49 1.94 -0.01	42.20 1.93 -0.01	44.09 2.14 -0.01	58.00 1.91 0.00	72.96 2.33 0.00	64.13 1.87 0.00	46.51 1.96 0.00	42.26 2.13 0.01	41.06 2.14 0.01	40.22 2.13 0.01	40.95 2.25 0.01	41.47 2.27 0.01	44.36 2.15 0.01	51.16 2.48 0.01	65.75 2.59 0.00	77.16 3.11 0.00	72.81 2.73 0.00	60.82 2.23 0.00	53.89 2.27 0.00	48.97 1.93 -0.01	46.25 2.03 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.80 3.02 -0.01	47.56 2.90 -0.01	44.08 2.65 -0.01	41.97 2.41 -0.01	42.68 2.42 -0.01	44.56 2.60 -0.01	58.67 2.58 0.00	73.81 3.18 0.00	64.88 2.62 0.00	47.00 2.45 0.00	42.66 2.53 0.01	41.45 2.53 0.01	40.63 2.55 0.01	41.34 2.63 0.01	41.86 2.67 0.01	44.78 2.57 0.01	51.70 3.02 0.01	66.38 3.22 0.00	77.90 3.85 0.00	73.51 3.43 0.00	61.41 2.81 0.00	54.41 2.79 0.00	49.49 2.45 -0.01	46.69 2.48 -0.01
PATROON___115KV_TB1 80586	45.95 0.18 0.00	44.79 0.13 0.00	41.50 0.08 0.00	39.63 0.08 0.00	40.30 0.04 0.00	42.20 0.25 0.00	56.15 0.06 0.00	70.70 0.07 0.00	62.08 -0.19 0.00	44.10 -0.45 0.00	39.86 -0.28 0.00	38.66 -0.27 0.00	37.82 -0.27 0.00	38.49 -0.23 0.00	39.05 -0.16 0.00	42.17 -0.04 0.00	48.73 0.05 0.00	63.42 0.25 0.00	74.49 0.44 0.00	70.29 0.21 0.00	58.83 0.23 0.00	51.57 -0.05 0.00	46.99 -0.05 0.00	44.29 0.09 0.00
PATTRSNVILLE___SOLAR 323815	46.96 1.19 0.00	45.81 1.16 0.00	42.46 1.04 0.00	40.54 0.99 0.00	41.22 0.96 0.00	43.04 1.09 0.00	57.38 1.29 0.00	72.46 1.83 0.00	63.07 0.81 0.00	44.55 0.00 0.00	39.94 -0.20 0.00	38.66 -0.27 0.00	37.83 -0.26 0.00	38.56 -0.15 0.00	39.16 -0.04 0.00	42.47 0.25 0.00	49.37 0.68 0.00	64.62 1.45 0.00	76.05 2.00 0.00	71.83 1.75 0.00	60.00 1.40 0.00	52.91 1.29 0.00	48.12 1.08 0.00	45.22 1.02 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	45.77 0.00 0.00	44.29 -0.36 0.00	41.38 -0.04 0.00	39.74 0.20 0.00	40.46 0.20 0.00	41.86 -0.08 0.00	55.81 -0.28 0.00	70.21 -0.42 0.00	62.51 0.25 0.00	45.80 1.25 0.00	40.82 0.68 0.00	39.75 0.82 0.00	39.00 0.91 0.00	39.61 0.89 0.00	39.91 0.71 0.00	42.25 0.04 0.00	47.61 -1.07 0.00	61.14 -2.02 0.00	71.68 -2.37 0.00	68.19 -1.89 0.00	56.78 -1.82 0.00	50.69 -0.93 0.00	46.29 -0.75 0.00	43.54 -0.66 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.97 2.20 0.00	46.84 2.19 0.00	43.53 2.11 0.00	41.41 1.86 0.00	42.11 1.85 0.00	43.92 1.97 0.00	58.06 1.96 0.00	73.17 2.54 0.00	64.44 2.18 0.00	46.24 1.69 0.00	42.02 1.89 0.00	40.80 1.87 0.00	40.03 1.94 0.00	40.77 2.05 0.00	41.24 2.04 0.00	44.20 1.98 0.00	51.07 2.39 0.00	65.75 2.59 0.00	77.30 3.26 0.00	73.02 2.94 0.00	60.94 2.34 0.00	53.89 2.27 0.00	48.92 1.88 0.00	46.11 1.90 0.00
PEEKSKILL___ 23653	47.74 1.97 0.00	46.61 1.96 0.00	43.20 1.78 0.00	41.13 1.58 0.00	41.83 1.57 0.00	43.71 1.76 0.00	57.66 1.57 0.00	72.82 2.19 0.00	63.95 1.68 0.00	46.15 1.60 0.00	41.86 1.72 0.00	40.72 1.79 0.00	39.88 1.79 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.03 1.81 0.00	50.73 2.04 0.00	65.37 2.21 0.00	76.79 2.74 0.00	72.46 2.38 0.00	60.53 1.93 0.00	53.63 2.01 0.00	48.64 1.60 0.00	45.84 1.64 0.00
PGE MADISON___WINDPWR 24146	49.02 3.25 0.00	48.13 3.48 0.00	44.61 3.19 0.00	42.55 3.01 0.00	43.44 3.18 0.00	45.18 3.23 0.00	60.86 4.77 0.00	76.85 6.22 0.00	67.87 5.60 0.00	47.93 3.39 0.00	42.87 2.73 0.00	41.38 2.45 0.00	40.45 2.36 0.00	41.08 2.36 0.00	41.36 2.16 0.00	44.91 2.70 0.00	52.09 3.41 0.00	68.09 4.93 0.00	80.27 6.22 0.00	76.32 6.24 0.00	63.52 4.92 0.00	56.01 4.39 0.00	50.85 3.81 0.00	47.52 3.32 0.00

PIERCEFIELD___HYD 23852	47.10 1.33 0.00	46.04 1.38 0.00	42.62 1.20 0.00	40.73 1.19 0.00	41.47 1.21 0.00	43.12 1.17 0.00	58.06 1.96 0.00	72.89 2.26 0.00	64.13 1.87 0.00	45.71 1.16 0.00	41.06 0.92 0.00	39.94 1.01 0.00	38.97 0.88 0.00	39.38 0.66 0.00	39.95 0.74 0.00	43.18 0.97 0.00	49.71 1.02 0.00	65.12 1.96 0.00	76.27 2.22 0.00	72.53 2.45 0.00	60.76 2.17 0.00	53.58 1.96 0.00	48.97 1.93 0.00	45.75 1.55 0.00
PINELAWN_CC_1 323563	47.74 1.97 0.00	46.35 1.70 0.00	42.91 1.49 0.00	40.69 1.15 0.00	41.38 1.13 0.00	43.12 1.17 0.00	49.57 0.34 6.87	52.70 0.50 18.43	50.61 0.25 11.90	44.97 0.84 0.42	41.94 1.81 0.00	40.54 1.67 0.06	39.73 1.64 0.00	40.58 1.86 0.00	41.12 1.92 0.00	44.24 2.03 0.00	49.50 0.83 0.01	63.47 0.32 0.01	74.70 0.66 0.01	70.42 0.35 0.01	59.05 0.47 0.01	52.43 0.82 0.01	46.98 0.61 0.67	45.13 0.93 0.01
PJM_GEN_HTP_PROXY 323702	48.06 2.29 0.00	46.88 2.23 0.00	43.41 1.99 0.00	41.28 1.74 0.00	41.99 1.73 0.00	43.92 1.97 0.00	57.89 1.79 0.00	73.03 2.40 0.00	64.20 1.93 0.00	46.46 1.91 0.00	42.18 2.05 0.00	41.03 2.10 0.00	40.15 2.06 0.00	40.85 2.13 0.00	41.36 2.15 0.00	44.32 2.11 0.00	51.07 2.38 0.00	65.69 2.53 0.00	77.23 3.18 0.00	72.81 2.73 0.00	60.82 2.23 0.00	53.95 2.33 0.00	48.87 1.83 0.00	46.10 1.90 0.00
PJM_GEN_KEystone 24065	46.50 0.73 0.00	45.23 0.58 0.00	42.12 0.70 0.00	40.22 0.67 0.00	40.94 0.68 0.00	42.66 0.71 0.00	56.54 0.45 0.00	71.41 0.78 0.00	62.82 0.56 0.00	45.57 1.03 0.00	41.10 0.96 0.00	39.90 0.97 0.00	39.12 1.03 0.00	39.80 1.08 0.00	40.18 0.98 0.00	42.85 0.63 0.00	49.03 0.34 0.00	63.10 -0.06 0.00	74.12 0.07 0.00	70.15 0.07 0.00	58.48 -0.12 0.00	51.67 0.05 0.00	47.27 0.24 0.00	44.56 0.35 0.00
PJM_GEN_NEPTUNE_PROXY 323594	47.36 1.60 0.01	45.98 1.34 0.01	42.57 1.16 0.01	40.41 0.87 0.00	41.10 0.85 0.00	42.83 0.88 0.00	47.83 0.23 8.48	48.02 0.50 23.11	47.74 0.19 14.71	45.16 0.62 0.01	41.74 1.61 0.01	40.40 1.48 0.01	39.57 1.48 0.01	40.37 1.66 0.01	40.88 1.68 0.01	44.02 1.81 0.01	49.74 1.07 0.02	64.10 0.95 0.02	75.36 1.33 0.02	71.04 0.98 0.02	59.34 0.76 0.02	52.59 0.98 0.02	46.77 0.57 0.84	44.90 0.71 0.01
PJM_GEN_VFT_PROXY 323633	47.92 2.15 0.00	46.75 2.10 0.00	43.24 1.82 0.00	41.17 1.62 0.00	41.83 1.57 0.00	43.79 1.84 0.00	57.72 1.63 0.00	72.82 2.19 0.00	64.01 1.74 0.00	46.33 1.78 0.00	42.06 1.93 0.00	40.95 2.02 0.00	40.07 1.98 0.00	40.81 2.09 0.00	41.32 2.12 0.00	44.20 1.98 0.00	50.97 2.29 0.00	65.50 2.34 0.00	77.01 2.96 0.00	72.60 2.52 0.00	60.65 2.05 0.00	53.79 2.17 0.00	48.73 1.69 0.00	45.98 1.77 0.00
PLATSBURG_115KV_PMLD1 355749	46.41 0.64 0.00	45.28 0.63 0.00	41.92 0.50 0.00	40.10 0.55 0.00	40.74 0.48 0.00	42.41 0.46 0.00	56.65 0.56 0.00	71.27 0.64 0.00	62.76 0.50 0.00	45.26 0.71 0.00	40.78 0.64 0.00	39.67 0.74 0.00	38.74 0.65 0.00	39.18 0.46 0.00	39.75 0.55 0.00	42.85 0.63 0.00	49.07 0.39 0.00	64.05 0.88 0.00	74.86 0.81 0.00	71.06 0.98 0.00	59.53 0.94 0.00	52.35 0.72 0.00	48.17 1.13 0.00	45.09 0.88 0.00
PLEASANTVLY___LBMP 24000	47.37 1.60 0.00	46.26 1.61 0.00	42.87 1.45 0.00	40.81 1.27 0.00	41.55 1.29 0.00	43.41 1.47 0.00	57.33 1.23 0.00	72.26 1.62 0.00	63.51 1.25 0.00	45.80 1.25 0.00	41.50 1.36 0.00	40.33 1.40 0.00	39.50 1.41 0.00	40.23 1.51 0.00	40.69 1.49 0.00	43.65 1.44 0.00	50.34 1.66 0.00	64.93 1.77 0.00	76.27 2.22 0.00	71.97 1.89 0.00	60.12 1.52 0.00	53.17 1.55 0.00	48.31 1.27 0.00	45.58 1.37 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.78 2.01 0.00	46.62 1.96 0.00	43.24 1.82 0.00	41.17 1.62 0.00	41.87 1.61 0.00	43.75 1.80 0.00	57.72 1.63 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.20 1.65 0.00	41.94 1.81 0.00	40.76 1.83 0.00	39.92 1.83 0.00	40.65 1.94 0.00	41.12 1.92 0.00	44.07 1.86 0.00	50.83 2.14 0.00	65.50 2.34 0.00	76.93 2.89 0.00	72.60 2.52 0.00	60.65 2.05 0.00	53.64 2.01 0.00	48.68 1.65 0.00	45.93 1.72 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.78 2.01 0.00	46.62 1.96 0.00	43.24 1.82 0.00	41.17 1.62 0.00	41.87 1.61 0.00	43.75 1.80 0.00	57.72 1.63 0.00	72.82 2.19 0.00	64.07 1.81 0.00	46.20 1.65 0.00	41.94 1.81 0.00	40.76 1.83 0.00	39.92 1.83 0.00	40.65 1.94 0.00	41.12 1.92 0.00	44.07 1.86 0.00	50.83 2.14 0.00	65.50 2.34 0.00	76.93 2.89 0.00	72.60 2.52 0.00	60.65 2.05 0.00	53.64 2.01 0.00	48.68 1.65 0.00	45.93 1.72 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.65 1.88 0.00	46.53 1.88 0.00	43.16 1.74 0.00	41.09 1.54 0.00	41.79 1.53 0.00	43.67 1.72 0.00	57.66 1.57 0.00	72.68 2.05 0.00	63.82 1.56 0.00	45.88 1.34 0.00	41.58 1.44 0.00	40.37 1.44 0.00	39.54 1.45 0.00	40.30 1.59 0.00	40.81 1.61 0.00	43.77 1.56 0.00	50.49 1.80 0.00	65.31 2.15 0.00	76.86 2.81 0.00	72.60 2.52 0.00	60.59 1.99 0.00	53.48 1.86 0.00	48.59 1.55 0.00	45.80 1.59 0.00
POLETTI_____ 23519	39.33 1.83 8.27	34.61 1.74 11.78	34.66 1.57 8.33	34.66 1.34 6.23	34.66 1.33 6.93	37.39 1.51 6.06	49.08 1.18 8.19	64.19 1.48 7.93	50.68 1.18 12.77	37.40 1.43 8.57	36.35 1.69 5.47	36.02 1.71 4.62	36.06 1.71 3.75	36.06 1.82 4.48	36.06 1.84 4.99	36.76 1.69 7.14	39.71 2.00 10.98	46.79 1.89 18.27	52.47 2.30 23.87	48.04 1.89 23.93	36.66 1.58 23.52	40.28 1.65 12.99	38.54 1.32 9.81	39.20 1.37 6.37
POMONA___ESR 323819	47.78 2.01 0.00	46.66 2.01 0.00	43.24 1.82 0.00	41.17 1.62 0.00	41.87 1.61 0.00	43.84 1.89 0.00	57.77 1.68 0.00	72.89 2.26 0.00	64.01 1.74 0.00	46.15 1.60 0.00	41.90 1.76 0.00	40.72 1.79 0.00	39.88 1.79 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.07 1.86 0.00	50.78 2.09 0.00	65.43 2.27 0.00	76.93 2.88 0.00	72.60 2.52 0.00	60.59 1.99 0.00	53.74 2.12 0.00	48.68 1.65 0.00	45.93 1.72 0.00
PORT_JEFF_3 23555	47.19 1.42 0.00	45.85 1.21 0.00	42.41 0.99 0.00	40.22 0.67 0.00	40.90 0.64 0.00	42.61 0.67 0.00	45.57 -0.33 10.19	48.86 -0.21 21.56	44.14 -0.43 17.69	35.41 0.31 9.45	41.45 1.37 0.06	38.78 1.25 1.40	39.30 1.22 0.00	40.15 1.43 0.00	40.73 1.53 0.00	43.85 1.64 0.00	49.45 0.78 0.02	63.78 0.63 0.02	74.92 0.89 0.02	70.62 0.56 0.02	59.05 0.47 0.02	52.38 0.78 0.02	46.45 0.19 0.78	44.59 0.40 0.01
PORT_JEFF_4 23616	47.19 1.42 0.00	45.85 1.21 0.00	42.41 0.99 0.00	40.22 0.67 0.00	40.90 0.64 0.00	42.61 0.67 0.00	45.57 -0.33 10.19	48.86 -0.21 21.56	44.14 -0.43 17.69	35.41 0.31 9.45	41.45 1.37 0.06	38.78 1.25 1.40	39.30 1.22 0.00	40.15 1.43 0.00	40.73 1.53 0.00	43.85 1.64 0.00	49.45 0.78 0.02	63.78 0.63 0.02	74.92 0.89 0.02	70.62 0.56 0.02	59.05 0.47 0.02	52.38 0.78 0.02	46.45 0.19 0.78	44.59 0.40 0.01

PORT_JEFF_IC 23713	47.23 1.46 0.00	45.63 0.98 0.00	42.45 1.04 0.00	40.30 0.75 0.00	40.98 0.72 0.00	42.70 0.76 0.00	45.55 -0.28 10.26	49.07 -0.14 21.42	44.07 -0.37 17.82	35.00 0.40 9.95	41.48 1.40 0.06	38.71 1.25 1.47	39.38 1.30 0.00	40.22 1.51 0.00	40.77 1.57 0.00	43.81 1.60 0.00	49.50 0.83 0.02	63.84 0.69 0.02	74.85 0.81 0.02	70.56 0.49 0.02	59.11 0.53 0.02	52.38 0.77 0.02	46.50 0.24 0.77	44.69 0.49 0.00
PPL PILGRIM_ST_GT1 24216	47.92 2.15 0.00	46.57 1.92 0.00	43.12 1.70 0.00	40.89 1.35 0.00	41.58 1.33 0.00	43.33 1.38 0.00	48.49 0.23 7.83	49.86 0.00 20.77	48.68 0.00 13.58	44.79 1.11 0.87	42.14 2.01 0.01	40.67 1.87 0.13	39.88 1.79 0.00	40.73 2.01 0.00	41.28 2.08 0.00	44.40 2.19 0.00	50.03 1.36 0.01	64.54 1.39 0.01	75.95 1.92 0.01	71.61 1.54 0.01	59.81 1.23 0.01	53.00 1.39 0.01	46.57 0.28 0.75	45.26 1.06 0.01
PPL PILGRIM_ST_GT2 24217	47.92 2.15 0.00	46.57 1.92 0.00	43.12 1.70 0.00	40.89 1.35 0.00	41.58 1.33 0.00	43.33 1.38 0.00	48.49 0.23 7.83	49.86 0.00 20.77	48.68 0.00 13.58	44.79 1.11 0.87	42.14 2.01 0.01	40.67 1.87 0.13	39.88 1.79 0.00	40.73 2.01 0.00	41.28 2.08 0.00	44.40 2.19 0.00	50.03 1.36 0.01	64.54 1.39 0.01	75.95 1.92 0.01	71.61 1.54 0.01	59.81 1.23 0.01	53.00 1.39 0.01	46.57 0.28 0.75	45.26 1.06 0.01
PPL_SHRM_GT3 24213	46.59 0.82 0.00	45.27 0.62 0.00	41.87 0.46 0.00	39.70 0.16 0.00	40.38 0.12 0.00	42.07 0.13 0.00	44.88 -1.07 10.15	48.01 -1.13 21.49	43.40 -1.24 17.62	34.85 -0.31 9.39	40.84 0.76 0.06	38.20 0.66 1.39	38.77 0.69 0.00	39.60 0.89 0.00	40.18 0.98 0.00	43.30 1.10 0.00	48.96 0.29 0.02	63.15 0.00 0.02	74.33 0.30 0.02	70.07 0.00 0.02	58.41 -0.18 0.02	51.87 0.26 0.02	45.93 -0.33 0.78	44.11 -0.09 0.01
PPL_SHRM_GT4 24214	46.59 0.82 0.00	45.27 0.62 0.00	41.87 0.46 0.00	39.70 0.16 0.00	40.38 0.12 0.00	42.07 0.13 0.00	44.88 -1.07 10.15	48.01 -1.13 21.49	43.40 -1.24 17.62	34.85 -0.31 9.39	40.84 0.76 0.06	38.20 0.66 1.39	38.77 0.69 0.00	39.60 0.89 0.00	40.18 0.98 0.00	43.30 1.10 0.00	48.96 0.29 0.02	63.15 0.00 0.02	74.33 0.30 0.02	70.07 0.00 0.02	58.41 -0.18 0.02	51.87 0.26 0.02	45.93 -0.33 0.78	44.11 -0.09 0.01
PROJECT___ORANGE 1 24174	45.38 -0.46 -0.07	44.15 -0.54 -0.03	40.96 -0.46 0.00	39.11 -0.44 0.00	39.82 -0.44 0.00	41.49 -0.46 0.00	55.53 -0.56 0.00	70.00 -0.64 0.00	61.89 -0.37 0.00	44.37 -0.18 0.00	39.94 -0.20 0.00	38.66 -0.27 0.00	37.82 -0.27 0.00	38.52 -0.19 0.00	38.93 -0.27 0.00	41.87 -0.34 0.00	48.25 -0.44 0.00	62.53 -0.63 0.00	73.42 -0.74 -0.12	69.38 -0.70 0.00	57.89 -0.70 0.00	51.06 -0.57 0.00	46.52 -0.52 0.00	43.63 -0.57 0.00
PROJECT___ORANGE 2 24166	45.38 -0.46 -0.07	44.15 -0.54 -0.03	40.96 -0.46 0.00	39.11 -0.44 0.00	39.82 -0.44 0.00	41.49 -0.46 0.00	55.53 -0.56 0.00	70.00 -0.64 0.00	61.89 -0.37 0.00	44.37 -0.18 0.00	39.94 -0.20 0.00	38.66 -0.27 0.00	37.82 -0.27 0.00	38.52 -0.19 0.00	38.93 -0.27 0.00	41.87 -0.34 0.00	48.25 -0.44 0.00	62.53 -0.63 0.00	73.42 -0.74 -0.12	69.38 -0.70 0.00	57.89 -0.70 0.00	51.06 -0.57 0.00	46.52 -0.52 0.00	43.63 -0.57 0.00
PUCKETT___SOLAR 323809	46.91 1.14 0.00	45.72 1.07 0.00	42.50 1.08 0.00	40.61 1.07 0.00	41.39 1.13 0.00	43.08 1.13 0.00	57.61 1.52 0.00	72.75 2.12 0.00	64.13 1.87 0.00	45.88 1.34 0.00	41.18 1.04 0.00	39.83 0.90 0.00	39.00 0.91 0.00	39.69 0.97 0.00	40.06 0.86 0.00	43.10 0.89 0.00	49.71 1.02 0.00	64.49 1.33 0.00	75.75 1.70 0.00	71.76 1.68 0.00	59.83 1.23 0.00	52.66 1.03 0.00	48.12 1.08 0.00	45.14 0.93 0.00
PYRITES___HYD 24023	47.65 1.88 0.00	46.66 2.01 0.00	43.16 1.74 0.00	41.29 1.74 0.00	41.99 1.73 0.00	43.67 1.72 0.00	58.90 2.80 0.00	73.95 3.32 0.00	64.94 2.68 0.00	46.11 1.56 0.00	41.34 1.20 0.00	40.14 1.21 0.00	39.16 1.07 0.00	39.61 0.89 0.00	40.18 0.98 0.00	43.48 1.27 0.00	50.19 1.51 0.00	66.01 2.84 0.00	77.45 3.41 0.00	73.72 3.64 0.00	61.70 3.11 0.00	54.36 2.74 0.00	49.62 2.59 0.00	46.37 2.17 0.00
QUAKERRD_115KV_BK1 80622	44.67 -1.10 0.00	43.36 -1.29 0.00	40.30 -1.12 0.00	38.56 -0.99 0.00	39.29 -0.97 0.00	40.73 -1.22 0.00	54.52 -1.57 0.00	68.94 -1.70 0.00	61.21 -1.06 0.00	44.10 -0.45 0.00	39.50 -0.64 0.00	38.38 -0.55 0.00	37.67 -0.42 0.00	38.21 -0.50 0.00	38.61 -0.59 0.00	41.20 -1.01 0.00	47.27 -1.41 0.00	61.14 -2.02 0.00	71.68 -2.37 0.00	68.05 -2.03 0.00	56.55 -2.05 0.00	50.13 -1.50 0.00	45.77 -1.27 0.00	42.70 -1.50 0.00
QUENSBRY_115KV_TB8 356137	47.23 1.46 0.00	45.99 1.34 0.00	42.66 1.24 0.00	40.73 1.19 0.00	41.39 1.13 0.00	43.20 1.26 0.00	57.50 1.40 0.00	72.82 2.19 0.00	63.63 1.37 0.00	44.90 0.36 0.00	40.30 0.16 0.00	38.85 -0.08 0.00	37.98 -0.11 0.00	38.68 -0.04 0.00	39.24 0.04 0.00	42.68 0.46 0.00	49.56 0.88 0.00	64.99 1.83 0.00	76.49 2.44 0.00	72.18 2.10 0.00	60.24 1.64 0.00	52.81 1.19 0.00	48.31 1.27 0.00	45.44 1.24 0.00
RAMAPO___LBMP 323565	47.65 1.88 0.00	46.48 1.83 0.00	43.12 1.70 0.00	41.05 1.50 0.00	41.75 1.49 0.00	43.71 1.76 0.00	57.61 1.51 0.00	72.68 2.05 0.00	63.82 1.56 0.00	46.06 1.51 0.00	41.78 1.65 0.00	40.60 1.67 0.00	39.80 1.71 0.00	40.50 1.78 0.00	40.97 1.76 0.00	43.90 1.69 0.00	50.63 1.95 0.00	65.25 2.08 0.00	76.71 2.67 0.00	72.39 2.31 0.00	60.41 1.82 0.00	53.48 1.86 0.00	48.54 1.51 0.00	45.80 1.59 0.00
RANKINE____ 23646	46.04 0.27 0.00	44.52 -0.13 0.00	41.63 0.21 0.00	39.94 0.40 0.00	40.70 0.44 0.00	42.07 0.13 0.00	55.98 -0.11 0.00	70.70 0.07 0.00	62.95 0.68 0.00	46.15 1.60 0.00	41.14 1.00 0.00	40.06 1.13 0.00	39.31 1.22 0.00	39.92 1.20 0.00	40.26 1.06 0.00	42.59 0.38 0.00	47.91 -0.78 0.00	61.46 -1.71 0.00	71.97 -2.07 0.00	68.47 -1.61 0.00	57.07 -1.52 0.00	51.00 -0.62 0.00	46.61 -0.42 0.00	43.76 -0.44 0.00
RAVENSWOOD_GT2_1 24244	48.10 2.33 0.00	46.88 2.23 0.00	43.49 2.07 0.00	41.37 1.82 0.00	42.07 1.81 0.00	44.00 2.06 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.23 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.88 2.29 0.00	53.95 2.32 0.00	48.97 1.93 0.00	46.19 1.99 0.00
RAVENSWOOD_GT2_2 24245	48.10 2.33 0.00	46.88 2.23 0.00	43.49 2.07 0.00	41.37 1.82 0.00	42.07 1.81 0.00	44.00 2.06 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.23 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.88 2.29 0.00	53.95 2.32 0.00	48.97 1.93 0.00	46.19 1.99 0.00

RAVENSWOOD_GT2_3 24246	48.15 2.38 0.00	46.93 2.28 0.00	43.49 2.07 0.00	41.37 1.82 0.00	42.07 1.81 0.00	44.00 2.06 0.00	58.00 1.91 0.00	73.17 2.54 0.00	64.32 2.05 0.00	46.51 1.96 0.00	42.27 2.13 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.96 2.25 0.00	41.48 2.27 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.94 2.34 0.00	53.95 2.32 0.00	48.97 1.93 0.00	46.19 1.99 0.00
RAVENSWOOD_GT2_4 24247	48.15 2.38 0.00	46.93 2.28 0.00	43.49 2.07 0.00	41.37 1.82 0.00	42.07 1.81 0.00	44.00 2.06 0.00	58.00 1.91 0.00	73.17 2.54 0.00	64.32 2.05 0.00	46.51 1.96 0.00	42.27 2.13 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.96 2.25 0.00	41.48 2.27 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.94 2.34 0.00	53.95 2.32 0.00	48.97 1.93 0.00	46.19 1.99 0.00
RAVENSWOOD_GT3_1 24248	48.10 2.33 0.00	46.88 2.23 0.00	43.49 2.07 0.00	41.37 1.82 0.00	42.07 1.81 0.00	44.00 2.06 0.00	57.94 1.85 0.00	73.17 2.54 0.00	64.32 2.05 0.00	46.51 1.96 0.00	42.23 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.94 2.34 0.00	53.95 2.32 0.00	48.97 1.93 0.00	46.19 1.99 0.00
RAVENSWOOD_GT3_2 24249	48.10 2.33 0.00	46.88 2.23 0.00	43.49 2.07 0.00	41.37 1.82 0.00	42.07 1.81 0.00	44.00 2.06 0.00	57.94 1.85 0.00	73.17 2.54 0.00	64.32 2.05 0.00	46.51 1.96 0.00	42.23 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.94 2.34 0.00	53.95 2.32 0.00	48.97 1.93 0.00	46.19 1.99 0.00
RAVENSWOOD_GT3_3 24250	48.15 2.38 0.00	46.93 2.28 0.00	43.53 2.11 0.00	41.41 1.86 0.00	42.11 1.85 0.00	44.04 2.10 0.00	58.00 1.91 0.00	73.24 2.61 0.00	64.38 2.12 0.00	46.55 2.00 0.00	42.31 2.17 0.00	41.11 2.18 0.00	40.26 2.17 0.00	41.00 2.28 0.00	41.52 2.31 0.00	44.41 2.20 0.00	51.22 2.53 0.00	65.88 2.72 0.00	77.38 3.33 0.00	73.02 2.94 0.00	61.00 2.40 0.00	54.00 2.37 0.00	49.01 1.98 0.00	46.24 2.03 0.00
RAVENSWOOD_GT3_4 24251	48.15 2.38 0.00	46.93 2.28 0.00	43.53 2.11 0.00	41.41 1.86 0.00	42.11 1.85 0.00	44.04 2.10 0.00	58.00 1.91 0.00	73.24 2.61 0.00	64.38 2.12 0.00	46.55 2.00 0.00	42.31 2.17 0.00	41.11 2.18 0.00	40.26 2.17 0.00	41.00 2.28 0.00	41.52 2.31 0.00	44.41 2.20 0.00	51.22 2.53 0.00	65.88 2.72 0.00	77.38 3.33 0.00	73.02 2.94 0.00	61.00 2.40 0.00	54.00 2.37 0.00	49.01 1.98 0.00	46.24 2.03 0.00
RAVENSWOOD_GT_1 23729	48.39 2.61 -0.01	47.16 2.50 -0.01	43.71 2.28 -0.01	41.57 2.02 -0.01	42.28 2.01 -0.01	44.22 2.27 -0.01	58.17 2.08 0.00	73.39 2.75 0.00	64.51 2.24 0.00	46.73 2.18 0.00	42.48 2.33 -0.01	41.27 2.34 -0.01	40.42 2.32 -0.01	41.17 2.44 -0.01	41.68 2.47 -0.01	44.59 2.36 -0.01	51.42 2.73 -0.01	66.07 2.91 0.00	77.60 3.55 0.00	73.16 3.08 0.00	61.12 2.52 0.00	54.15 2.53 0.00	49.21 2.16 -0.01	46.42 2.21 -0.01
RAVENSWOOD_GT_10 24258	48.10 2.33 0.00	46.88 2.23 0.00	43.45 2.03 0.00	41.36 1.82 0.00	42.07 1.81 0.00	44.00 2.06 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.03 2.10 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.88 2.29 0.00	53.95 2.32 0.00	48.97 1.93 0.00	46.15 1.95 0.00
RAVENSWOOD_GT_11 24259	48.10 2.33 0.00	46.88 2.23 0.00	43.45 2.03 0.00	41.36 1.82 0.00	42.07 1.81 0.00	44.00 2.06 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.03 2.10 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.88 2.29 0.00	53.95 2.32 0.00	48.97 1.93 0.00	46.15 1.95 0.00
RAVENSWOOD_GT_4 24252	48.20 2.43 -0.01	46.98 2.32 -0.01	43.54 2.11 -0.01	41.41 1.86 -0.01	42.12 1.85 -0.01	44.05 2.10 -0.01	58.00 1.91 0.00	73.17 2.54 0.00	64.32 2.05 0.00	46.55 2.00 0.00	42.27 2.13 -0.01	41.12 2.18 -0.01	40.27 2.17 -0.01	41.01 2.28 -0.01	41.52 2.31 -0.01	44.41 2.20 -0.01	51.22 2.53 -0.01	65.88 2.72 0.00	77.38 3.33 0.00	72.95 2.87 0.00	60.94 2.34 0.00	54.00 2.37 0.00	49.02 1.98 -0.01	46.25 2.03 -0.01
RAVENSWOOD_GT_5 24254	48.20 2.43 -0.01	46.98 2.32 -0.01	43.54 2.11 -0.01	41.41 1.86 -0.01	42.12 1.85 -0.01	44.05 2.10 -0.01	58.00 1.91 0.00	73.17 2.54 0.00	64.32 2.05 0.00	46.55 2.00 0.00	42.27 2.13 -0.01	41.12 2.18 -0.01	40.27 2.17 -0.01	41.01 2.28 -0.01	41.52 2.31 -0.01	44.41 2.20 -0.01	51.22 2.53 -0.01	65.88 2.72 0.00	77.38 3.33 0.00	72.95 2.87 0.00	60.94 2.34 0.00	54.00 2.37 0.00	49.02 1.98 -0.01	46.25 2.03 -0.01
RAVENSWOOD_GT_6 24253	48.20 2.43 -0.01	46.98 2.32 -0.01	43.54 2.11 -0.01	41.41 1.86 -0.01	42.12 1.85 -0.01	44.05 2.10 -0.01	58.00 1.91 0.00	73.17 2.54 0.00	64.32 2.05 0.00	46.55 2.00 0.00	42.27 2.13 -0.01	41.12 2.18 -0.01	40.27 2.17 -0.01	41.01 2.28 -0.01	41.52 2.31 -0.01	44.41 2.20 -0.01	51.22 2.53 -0.01	65.88 2.72 0.00	77.38 3.33 0.00	72.95 2.87 0.00	60.94 2.34 0.00	54.00 2.37 0.00	49.02 1.98 -0.01	46.25 2.03 -0.01
RAVENSWOOD_GT_7 24255	48.20 2.43 -0.01	46.98 2.32 -0.01	43.54 2.11 -0.01	41.41 1.86 -0.01	42.12 1.85 -0.01	44.05 2.10 -0.01	58.00 1.91 0.00	73.17 2.54 0.00	64.32 2.05 0.00	46.55 2.00 0.00	42.27 2.13 -0.01	41.12 2.18 -0.01	40.27 2.17 -0.01	41.01 2.28 -0.01	41.52 2.31 -0.01	44.41 2.20 -0.01	51.22 2.53 -0.01	65.88 2.72 0.00	77.38 3.33 0.00	72.95 2.87 0.00	60.94 2.34 0.00	54.00 2.37 0.00	49.02 1.98 -0.01	46.25 2.03 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.10 2.33 0.00	46.88 2.23 0.00	43.45 2.03 0.00	41.36 1.82 0.00	42.07 1.81 0.00	44.00 2.06 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.03 2.10 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.88 2.29 0.00	53.95 2.32 0.00	48.97 1.93 0.00	46.15 1.95 0.00
RAVENSWOOD_GT_9 24257	48.10 2.33 0.00	46.88 2.23 0.00	43.45 2.03 0.00	41.36 1.82 0.00	42.07 1.81 0.00	44.00 2.06 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.26 1.99 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.03 2.10 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.36 2.15 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.88 2.29 0.00	53.95 2.32 0.00	48.97 1.93 0.00	46.15 1.95 0.00

RAVENSWOOD___1 23533	48.34 2.56 -0.01	47.16 2.50 -0.01	43.66 2.24 -0.01	41.57 2.02 -0.01	42.24 1.97 -0.01	44.22 2.26 -0.01	58.17 2.08 0.00	73.38 2.75 0.00	64.44 2.18 0.00	46.73 2.18 0.00	42.43 2.29 -0.01	41.27 2.34 -0.01	40.38 2.29 -0.01	41.13 2.40 -0.01	41.64 2.43 -0.01	44.58 2.36 -0.01	51.37 2.68 -0.01	66.07 2.91 0.00	77.53 3.48 0.00	73.09 3.01 0.00	61.11 2.52 0.00	54.25 2.63 0.00	49.16 2.12 -0.01	46.38 2.17 -0.01
RAVENSWOOD___2 23534	48.34 2.56 -0.01	47.16 2.50 -0.01	43.66 2.24 -0.01	41.53 1.98 -0.01	42.24 1.97 -0.01	44.18 2.22 -0.01	58.17 2.08 0.00	73.31 2.68 0.00	64.44 2.18 0.00	46.69 2.14 0.00	42.39 2.25 -0.01	41.27 2.34 -0.01	40.38 2.29 -0.01	41.13 2.40 -0.01	41.64 2.43 -0.01	44.58 2.36 -0.01	51.37 2.68 -0.01	66.01 2.84 0.00	77.53 3.48 0.00	73.09 3.01 0.00	61.06 2.46 0.00	54.20 2.58 0.00	49.16 2.12 -0.01	46.38 2.17 -0.01
RAVENSWOOD___3 23535	48.10 2.33 0.00	46.97 2.32 0.00	43.49 2.07 0.00	41.37 1.82 0.00	42.07 1.81 0.00	44.00 2.05 0.00	57.94 1.85 0.00	73.17 2.54 0.00	64.32 2.05 0.00	46.51 1.96 0.00	42.22 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.41 2.19 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.25 0.00	72.89 2.81 0.00	60.94 2.35 0.00	54.05 2.43 0.00	48.97 1.93 0.00	46.20 1.99 0.00
RAVENSWOOD___4 23820	48.29 2.52 -0.01	47.16 2.50 -0.01	43.66 2.24 -0.01	41.53 1.98 -0.01	42.24 1.97 -0.01	44.18 2.22 -0.01	58.11 2.02 0.00	73.31 2.68 0.00	64.44 2.18 0.00	46.69 2.14 0.00	42.39 2.25 -0.01	41.23 2.30 -0.01	40.38 2.29 -0.01	41.09 2.36 -0.01	41.60 2.39 -0.01	44.58 2.36 -0.01	51.37 2.68 -0.01	66.01 2.84 0.00	77.45 3.41 0.00	73.09 3.01 0.00	61.06 2.46 0.00	54.20 2.58 0.00	49.16 2.12 -0.01	46.33 2.12 -0.01
RCPL_TRUST___DRP 24196	48.10 2.33 0.00	46.88 2.23 0.00	43.45 2.03 0.00	41.37 1.82 0.00	42.03 1.77 0.00	44.00 2.06 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.32 2.05 0.00	46.51 1.96 0.00	42.23 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.32 2.11 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.88 2.29 0.00	53.89 2.27 0.00	48.92 1.88 0.00	46.15 1.95 0.00
RED___ROCHESTER 323720	46.09 0.32 0.00	44.56 -0.09 0.00	41.55 0.12 0.00	39.79 0.24 0.00	40.54 0.28 0.00	41.95 0.00 0.00	56.15 0.06 0.00	71.19 0.56 0.00	63.14 0.87 0.00	45.57 1.03 0.00	40.78 0.64 0.00	39.63 0.70 0.00	38.97 0.88 0.00	39.49 0.77 0.00	39.91 0.71 0.00	42.42 0.21 0.00	48.69 0.00 0.00	62.91 -0.25 0.00	73.82 -0.22 0.00	70.08 0.00 0.00	58.13 -0.47 0.00	51.11 -0.52 0.00	47.18 0.14 0.00	43.94 -0.26 0.00
REGAN___SOLAR 323812	47.74 1.97 0.00	46.48 1.83 0.00	43.08 1.66 0.00	41.13 1.58 0.00	41.75 1.49 0.00	43.71 1.76 0.00	58.28 2.19 0.00	73.81 3.18 0.00	63.63 1.37 0.00	44.24 -0.31 0.00	39.22 -0.92 0.00	37.80 -1.13 0.00	37.02 -1.07 0.00	37.98 -0.74 0.00	38.73 -0.47 0.00	42.38 0.17 0.00	49.66 0.97 0.00	65.62 2.46 0.00	77.38 3.34 0.00	73.09 3.01 0.00	60.94 2.35 0.00	53.79 2.17 0.00	48.92 1.88 0.00	45.88 1.68 0.00
RENSSELAER___COGEN 23796	45.68 -0.09 0.00	44.61 -0.04 0.00	41.34 -0.08 0.00	39.43 -0.12 0.00	40.10 -0.16 0.00	41.99 0.04 0.00	55.87 -0.22 0.00	70.28 -0.35 0.00	61.76 -0.50 0.00	43.92 -0.62 0.00	39.70 -0.44 0.00	38.50 -0.43 0.00	37.67 -0.42 0.00	38.37 -0.35 0.00	38.89 -0.31 0.00	42.00 -0.21 0.00	48.54 -0.15 0.00	63.10 -0.06 0.00	74.12 0.07 0.00	69.94 -0.14 0.00	58.54 -0.06 0.00	51.52 -0.10 0.00	46.71 -0.33 0.00	44.07 -0.13 0.00
REPUBLIC_115KV_BARTNBRK 55605	49.39 3.62 0.00	47.96 3.30 0.00	44.49 3.07 0.00	42.51 2.97 0.00	43.04 2.78 0.00	45.05 3.10 0.00	60.02 3.93 0.00	76.35 5.72 0.00	66.37 4.11 0.00	46.60 2.05 0.00	41.62 1.49 0.00	40.02 1.09 0.00	39.00 0.91 0.00	39.72 1.01 0.00	40.30 1.10 0.00	43.94 1.73 0.00	51.31 2.63 0.00	67.84 4.67 0.00	80.12 6.07 0.00	75.55 5.47 0.00	62.99 4.39 0.00	55.24 3.61 0.00	50.52 3.48 0.00	47.34 3.14 0.00
REVERE_CPPR_DRP 24186	47.37 1.60 0.00	46.39 1.74 0.00	42.99 1.57 0.00	41.01 1.46 0.00	41.83 1.57 0.00	43.50 1.55 0.00	58.45 2.36 0.00	73.60 2.97 0.00	64.88 2.62 0.00	46.02 1.47 0.00	41.34 1.20 0.00	39.94 1.01 0.00	38.97 0.88 0.00	39.57 0.85 0.00	39.99 0.78 0.00	43.27 1.06 0.00	50.10 1.41 0.00	65.31 2.15 0.00	76.79 2.74 0.00	72.95 2.87 0.00	60.88 2.29 0.00	53.74 2.12 0.00	48.87 1.83 0.00	45.75 1.55 0.00
REYNLDPA_13_KV_LD 356490	46.36 0.59 0.00	45.23 0.58 0.00	41.92 0.50 0.00	40.06 0.51 0.00	40.74 0.48 0.00	42.41 0.46 0.00	56.94 0.84 0.00	71.41 0.78 0.00	63.07 0.81 0.00	45.17 0.62 0.00	40.70 0.56 0.00	39.59 0.66 0.00	38.70 0.61 0.00	39.18 0.47 0.00	39.75 0.55 0.00	42.85 0.63 0.00	49.32 0.63 0.00	64.24 1.07 0.00	75.08 1.04 0.00	71.34 1.26 0.00	59.65 1.06 0.00	52.45 0.82 0.00	47.93 0.89 0.00	44.91 0.71 0.00
REYNOLDS_115KV_TB3 80639	46.04 0.27 0.00	44.92 0.27 0.00	41.63 0.21 0.00	39.74 0.20 0.00	40.46 0.20 0.00	42.32 0.38 0.00	56.37 0.28 0.00	70.91 0.28 0.00	62.33 0.06 0.00	44.28 -0.27 0.00	39.94 -0.20 0.00	38.70 -0.23 0.00	37.90 -0.19 0.00	38.56 -0.15 0.00	39.12 -0.08 0.00	42.30 0.08 0.00	48.93 0.24 0.00	63.61 0.44 0.00	74.71 0.67 0.00	70.57 0.49 0.00	59.06 0.47 0.00	51.67 0.05 0.00	47.08 0.05 0.00	44.43 0.22 0.00
RIVERBAY____ 323610	48.80 3.02 -0.01	47.56 2.90 -0.01	44.08 2.65 -0.01	41.97 2.41 -0.01	42.68 2.42 -0.01	44.56 2.60 -0.01	58.67 2.58 0.00	73.81 3.18 0.00	64.88 2.62 0.00	47.00 2.45 0.00	42.66 2.53 0.01	41.45 2.53 0.01	40.63 2.55 0.01	41.34 2.63 0.01	41.86 2.67 0.01	44.78 2.57 0.01	51.70 3.02 0.01	66.38 3.22 0.00	77.90 3.85 0.00	73.51 3.43 0.00	61.41 2.81 0.00	54.41 2.79 0.00	49.49 2.45 -0.01	46.69 2.48 -0.01
RIVERSDE_115KV_TB3 55908	45.72 -0.05 0.00	44.61 -0.04 0.00	41.34 -0.08 0.00	39.47 -0.08 0.00	40.18 -0.08 0.00	42.07 0.13 0.00	55.93 -0.17 0.00	70.42 -0.21 0.00	61.89 -0.37 0.00	43.97 -0.58 0.00	39.74 -0.40 0.00	38.54 -0.39 0.00	37.71 -0.38 0.00	38.37 -0.35 0.00	38.93 -0.27 0.00	42.04 -0.17 0.00	48.59 -0.10 0.00	63.16 0.00 0.00	74.19 0.15 0.00	70.01 -0.07 0.00	58.60 0.00 0.00	51.37 -0.26 0.00	46.76 -0.28 0.00	44.12 -0.09 0.00
ROARING___BROOK_WT_PWR 323790	45.82 0.05 0.00	44.74 0.09 0.00	41.46 0.04 0.00	39.63 0.08 0.00	40.30 0.04 0.00	41.99 0.04 0.00	56.21 0.11 0.00	70.70 0.07 0.00	62.39 0.12 0.00	44.64 0.09 0.00	40.18 0.04 0.00	38.97 0.04 0.00	38.13 0.04 0.00	38.72 0.00 0.00	39.20 0.00 0.00	42.21 0.00 0.00	48.73 0.05 0.00	63.29 0.13 0.00	74.19 0.15 0.00	70.29 0.21 0.00	58.71 0.12 0.00	51.73 0.10 0.00	47.18 0.14 0.00	44.29 0.09 0.00

ROCHESRG_115KV_T4 355643	45.68 -0.09 0.00	44.25 -0.40 0.00	41.21 -0.21 0.00	39.43 -0.12 0.00	40.18 -0.08 0.00	41.61 -0.34 0.00	55.64 -0.45 0.00	70.42 -0.21 0.00	62.45 0.19 0.00	45.13 0.58 0.00	40.42 0.28 0.00	39.32 0.39 0.00	38.59 0.50 0.00	39.10 0.39 0.00	39.52 0.31 0.00	42.13 -0.08 0.00	48.20 -0.49 0.00	62.22 -0.95 0.00	72.94 -1.11 0.00	69.24 -0.84 0.00	57.60 -1.00 0.00	51.11 -0.52 0.00	46.66 -0.38 0.00	43.59 -0.62 0.00
ROCHESTER_9_IC 23652	45.91 0.14 0.00	44.47 -0.18 0.00	41.38 -0.04 0.00	39.63 0.08 0.00	40.38 0.12 0.00	41.78 -0.17 0.00	55.93 -0.17 0.00	70.77 0.14 0.00	62.82 0.56 0.00	45.39 0.85 0.00	40.62 0.48 0.00	39.51 0.58 0.00	38.81 0.72 0.00	39.30 0.58 0.00	39.71 0.51 0.00	42.30 0.08 0.00	48.44 -0.24 0.00	62.59 -0.57 0.00	73.38 -0.67 0.00	69.73 -0.35 0.00	57.89 -0.70 0.00	51.42 -0.21 0.00	46.94 -0.09 0.00	43.81 -0.40 0.00
ROCKVIEW_13_KV_LD 356306	47.97 2.20 0.00	46.79 2.14 0.00	43.41 1.99 0.00	41.29 1.74 0.00	41.99 1.73 0.00	43.92 1.97 0.00	57.94 1.85 0.00	73.17 2.54 0.00	64.32 2.05 0.00	46.46 1.92 0.00	42.19 2.05 0.00	40.99 2.06 0.00	40.15 2.06 0.00	40.89 2.17 0.00	41.40 2.20 0.00	44.32 2.11 0.00	51.12 2.43 0.00	65.82 2.65 0.00	77.38 3.33 0.00	72.95 2.87 0.00	60.94 2.34 0.00	53.89 2.27 0.00	48.87 1.83 0.00	46.11 1.90 0.00
ROME____115KV_TB2 80656	47.37 1.60 0.00	46.39 1.74 0.00	42.99 1.57 0.00	41.01 1.46 0.00	41.83 1.57 0.00	43.50 1.55 0.00	58.45 2.36 0.00	73.60 2.97 0.00	64.88 2.62 0.00	46.02 1.47 0.00	41.34 1.20 0.00	39.94 1.01 0.00	38.97 0.88 0.00	39.57 0.85 0.00	39.99 0.78 0.00	43.27 1.06 0.00	50.10 1.41 0.00	65.31 2.15 0.00	76.79 2.74 0.00	72.95 2.87 0.00	60.88 2.29 0.00	53.74 2.12 0.00	48.87 1.83 0.00	45.75 1.55 0.00
ROSETON___1 23587	47.42 1.65 0.00	46.30 1.65 0.00	42.91 1.49 0.00	40.85 1.30 0.00	41.59 1.33 0.00	43.45 1.51 0.00	57.33 1.23 0.00	72.32 1.69 0.00	63.51 1.24 0.00	45.79 1.25 0.00	41.54 1.40 0.00	40.37 1.44 0.00	39.50 1.41 0.00	40.23 1.51 0.00	40.73 1.53 0.00	43.69 1.48 0.00	50.34 1.66 0.00	64.87 1.71 0.00	76.27 2.22 0.00	71.97 1.89 0.00	60.12 1.52 0.00	53.27 1.65 0.00	48.35 1.32 0.00	45.62 1.41 0.00
ROSETON___2 23588	47.42 1.65 0.00	46.30 1.65 0.00	42.91 1.49 0.00	40.85 1.30 0.00	41.59 1.33 0.00	43.45 1.51 0.00	57.33 1.23 0.00	72.32 1.69 0.00	63.51 1.24 0.00	45.79 1.25 0.00	41.54 1.40 0.00	40.37 1.44 0.00	39.50 1.41 0.00	40.23 1.51 0.00	40.73 1.53 0.00	43.69 1.48 0.00	50.34 1.66 0.00	64.87 1.71 0.00	76.27 2.22 0.00	71.97 1.89 0.00	60.12 1.52 0.00	53.27 1.65 0.00	48.35 1.32 0.00	45.62 1.41 0.00
ROTTRDAM_115KV_TB3 80664	46.73 0.96 0.00	45.59 0.94 0.00	42.25 0.83 0.00	40.34 0.79 0.00	41.02 0.76 0.00	42.83 0.88 0.00	57.10 1.01 0.00	71.97 1.34 0.00	63.14 0.87 0.00	44.95 0.40 0.00	40.46 0.32 0.00	39.16 0.23 0.00	38.32 0.23 0.00	39.03 0.31 0.00	39.56 0.35 0.00	42.76 0.55 0.00	49.46 0.78 0.00	64.36 1.20 0.00	75.53 1.48 0.00	71.41 1.33 0.00	59.71 1.11 0.00	52.50 0.88 0.00	47.84 0.80 0.00	45.00 0.80 0.00
RUSSELL___1 23602	46.09 0.32 0.00	44.65 0.00 0.00	41.54 0.12 0.00	39.78 0.24 0.00	40.54 0.28 0.00	41.95 0.00 0.00	56.15 0.06 0.00	71.06 0.42 0.00	63.14 0.87 0.00	45.57 1.02 0.00	40.78 0.64 0.00	39.71 0.78 0.00	38.97 0.88 0.00	39.49 0.77 0.00	39.91 0.71 0.00	42.51 0.30 0.00	48.69 0.00 0.00	62.91 -0.25 0.00	73.82 -0.22 0.00	70.08 0.00 0.00	58.13 -0.47 0.00	51.62 0.00 0.00	47.18 0.14 0.00	43.94 -0.27 0.00
RUSSELL___2 23532	46.09 0.32 0.00	44.65 0.00 0.00	41.54 0.12 0.00	39.78 0.24 0.00	40.54 0.28 0.00	41.95 0.00 0.00	56.15 0.06 0.00	71.06 0.42 0.00	63.14 0.87 0.00	45.57 1.02 0.00	40.78 0.64 0.00	39.71 0.78 0.00	38.97 0.88 0.00	39.49 0.77 0.00	39.91 0.71 0.00	42.51 0.30 0.00	48.69 0.00 0.00	62.91 -0.25 0.00	73.82 -0.22 0.00	70.08 0.00 0.00	58.13 -0.47 0.00	51.62 0.00 0.00	47.18 0.14 0.00	43.94 -0.27 0.00
RUSSELL___3 23549	46.09 0.32 0.00	44.65 0.00 0.00	41.54 0.12 0.00	39.78 0.24 0.00	40.54 0.28 0.00	41.95 0.00 0.00	56.15 0.06 0.00	71.06 0.42 0.00	63.14 0.87 0.00	45.57 1.02 0.00	40.78 0.64 0.00	39.71 0.78 0.00	38.97 0.88 0.00	39.49 0.77 0.00	39.91 0.71 0.00	42.51 0.30 0.00	48.69 0.00 0.00	62.91 -0.25 0.00	73.82 -0.22 0.00	70.08 0.00 0.00	58.13 -0.47 0.00	51.62 0.00 0.00	47.18 0.14 0.00	43.94 -0.27 0.00
RUSSELL___4 23556	46.09 0.32 0.00	44.65 0.00 0.00	41.54 0.12 0.00	39.78 0.24 0.00	40.54 0.28 0.00	41.95 0.00 0.00	56.15 0.06 0.00	71.06 0.42 0.00	63.14 0.87 0.00	45.57 1.02 0.00	40.78 0.64 0.00	39.71 0.78 0.00	38.97 0.88 0.00	39.49 0.77 0.00	39.91 0.71 0.00	42.51 0.30 0.00	48.69 0.00 0.00	62.91 -0.25 0.00	73.82 -0.22 0.00	70.08 0.00 0.00	58.13 -0.47 0.00	51.62 0.00 0.00	47.18 0.14 0.00	43.94 -0.27 0.00
RUSSELL___STATION 23914	46.09 0.32 0.00	44.65 0.00 0.00	41.54 0.12 0.00	39.78 0.24 0.00	40.54 0.28 0.00	41.95 0.00 0.00	56.15 0.06 0.00	71.06 0.42 0.00	63.14 0.87 0.00	45.57 1.02 0.00	40.78 0.64 0.00	39.71 0.78 0.00	38.97 0.88 0.00	39.49 0.77 0.00	39.91 0.71 0.00	42.51 0.30 0.00	48.69 0.00 0.00	62.91 -0.25 0.00	73.82 -0.22 0.00	70.08 0.00 0.00	58.13 -0.47 0.00	51.62 0.00 0.00	47.18 0.14 0.00	43.94 -0.27 0.00
S SALMON___HYD 24043	46.06 -0.14 -0.43	44.78 -0.09 -0.22	41.34 -0.08 0.00	39.47 -0.08 0.00	40.22 -0.04 0.00	41.82 -0.13 0.00	56.04 -0.06 0.00	70.63 0.00 0.00	62.45 0.19 0.00	44.50 -0.04 0.00	39.98 -0.16 0.00	38.62 -0.31 0.00	37.75 -0.34 0.00	38.37 -0.35 0.00	38.77 -0.43 0.00	41.83 -0.38 0.00	48.35 -0.34 0.00	62.79 -0.38 0.00	74.58 -0.22 -0.76	70.01 -0.07 0.00	58.42 -0.18 0.00	51.67 0.05 0.00	47.08 0.05 0.00	44.07 -0.13 0.00
S.PERRY__115KV_TB1 80734	47.55 1.79 0.00	45.99 1.34 0.00	42.87 1.45 0.00	41.05 1.50 0.00	41.87 1.61 0.00	43.37 1.43 0.00	58.22 2.13 0.00	73.67 3.04 0.00	65.07 2.80 0.00	46.69 2.14 0.00	41.54 1.40 0.00	40.21 1.28 0.00	39.58 1.49 0.00	40.15 1.43 0.00	40.58 1.37 0.00	43.39 1.18 0.00	49.81 1.12 0.00	64.74 1.58 0.00	76.42 2.37 0.00	72.53 2.45 0.00	60.00 1.41 0.00	53.22 1.60 0.00	48.68 1.65 0.00	45.27 1.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	45.72 -0.05 0.00	44.20 -0.45 0.00	41.34 -0.08 0.00	39.67 0.12 0.00	40.42 0.16 0.00	41.74 -0.21 0.00	55.48 -0.62 0.00	70.14 -0.49 0.00	62.51 0.25 0.00	45.88 1.34 0.00	40.90 0.76 0.00	39.86 0.93 0.00	39.12 1.03 0.00	39.72 1.01 0.00	40.07 0.86 0.00	42.34 0.13 0.00	47.57 -1.12 0.00	60.89 -2.27 0.00	71.31 -2.74 0.00	67.84 -2.24 0.00	56.60 -1.99 0.00	50.64 -0.98 0.00	46.29 -0.75 0.00	43.45 -0.75 0.00

SITHE___BATAVIA 24024	46.73 0.96 0.00	45.01 0.36 0.00	42.17 0.75 0.00	40.46 0.91 0.00	41.22 0.96 0.00	42.49 0.54 0.00	56.71 0.62 0.00	72.12 1.49 0.00	63.95 1.68 0.00	46.51 1.96 0.00	41.38 1.25 0.00	40.21 1.28 0.00	39.62 1.53 0.00	40.11 1.39 0.00	40.49 1.29 0.00	42.76 0.55 0.00	48.64 -0.05 0.00	62.66 -0.51 0.00	73.60 -0.44 0.00	70.01 -0.07 0.00	58.07 -0.53 0.00	51.01 -0.62 0.00	47.46 0.42 0.00	44.34 0.13 0.00
SITHE___INDEPEND 23800	42.11 -1.37 2.29	42.08 -1.38 1.19	40.18 -1.24 0.00	38.36 -1.19 0.00	39.09 -1.17 0.00	40.69 -1.26 0.00	54.47 -1.63 0.00	68.58 -2.05 0.00	60.58 -1.68 0.00	43.43 -1.11 0.00	39.05 -1.08 0.00	37.88 -1.05 0.00	37.06 -1.03 0.00	37.71 -1.01 0.00	38.11 -1.10 0.00	40.99 -1.22 0.00	47.27 -1.41 0.00	61.27 -1.89 0.00	67.76 -2.22 4.07	67.98 -2.10 0.00	56.78 -1.82 0.00	50.07 -1.55 0.00	45.63 -1.41 0.00	42.84 -1.37 0.00
SITHE___MASSENA 23902	46.64 0.87 0.00	45.50 0.85 0.00	42.17 0.75 0.00	40.30 0.75 0.00	40.99 0.73 0.00	42.66 0.71 0.00	57.33 1.23 0.00	71.83 1.20 0.00	63.44 1.18 0.00	45.39 0.84 0.00	40.90 0.76 0.00	39.78 0.86 0.00	38.85 0.76 0.00	39.33 0.62 0.00	39.95 0.74 0.00	43.01 0.80 0.00	49.51 0.83 0.00	64.55 1.39 0.00	75.45 1.40 0.00	71.76 1.68 0.00	60.00 1.40 0.00	52.81 1.19 0.00	48.26 1.22 0.00	45.22 1.02 0.00
SITHE___OGDNSBRG 24021	47.51 1.74 0.00	46.48 1.83 0.00	42.99 1.57 0.00	41.13 1.58 0.00	41.83 1.57 0.00	43.50 1.55 0.00	58.67 2.58 0.00	73.60 2.97 0.00	64.63 2.37 0.00	45.93 1.38 0.00	41.22 1.08 0.00	40.06 1.13 0.00	39.08 0.99 0.00	39.53 0.81 0.00	40.10 0.90 0.00	43.39 1.18 0.00	50.10 1.41 0.00	65.75 2.59 0.00	77.16 3.11 0.00	73.44 3.36 0.00	61.47 2.87 0.00	54.10 2.48 0.00	49.39 2.35 0.00	46.19 1.99 0.00
SITHE___STERLING 23777	47.05 1.28 0.00	45.99 1.34 0.00	42.66 1.24 0.00	40.73 1.19 0.00	41.51 1.25 0.00	43.20 1.26 0.00	57.94 1.85 0.00	73.03 2.40 0.00	64.38 2.12 0.00	45.75 1.20 0.00	41.10 0.96 0.00	39.75 0.82 0.00	38.81 0.72 0.00	39.49 0.77 0.00	39.91 0.71 0.00	43.10 0.89 0.00	49.85 1.17 0.00	64.87 1.71 0.00	76.27 2.22 0.00	72.32 2.24 0.00	60.35 1.76 0.00	53.17 1.55 0.00	48.40 1.36 0.00	45.40 1.19 0.00
SLEIGHT__34_KV_TB1 80719	45.54 -0.32 -0.09	44.16 -0.54 -0.05	41.01 -0.41 0.00	39.23 -0.32 0.00	39.98 -0.28 0.00	41.49 -0.46 0.00	55.64 -0.45 0.00	70.28 -0.35 0.00	62.39 0.12 0.00	44.86 0.31 0.00	40.22 0.08 0.00	39.01 0.08 0.00	38.24 0.15 0.00	38.83 0.12 0.00	39.24 0.04 0.00	41.96 -0.25 0.00	48.25 -0.44 0.00	62.47 -0.69 0.00	73.47 -0.74 -0.16	69.45 -0.63 0.00	57.72 -0.88 0.00	51.06 -0.57 0.00	46.61 -0.42 0.00	43.50 -0.71 0.00
SMITHTWN_69_KV_BK 1 55830	47.37 1.60 0.00	45.76 1.12 0.00	42.58 1.16 0.00	40.42 0.87 0.00	41.11 0.85 0.00	42.83 0.88 0.00	45.22 -0.11 10.76	49.39 0.07 21.31	43.38 -0.19 18.69	32.93 0.58 12.20	41.63 1.57 0.07	38.53 1.40 1.80	39.53 1.45 0.00	40.38 1.66 0.00	40.92 1.72 0.00	43.98 1.77 0.00	49.64 0.97 0.02	64.03 0.88 0.02	75.22 1.18 0.02	70.91 0.84 0.02	59.28 0.70 0.02	52.54 0.93 0.02	46.60 0.33 0.77	44.82 0.62 0.00
SOUTH CAIRO___GT 23612	47.19 1.42 0.00	45.99 1.34 0.00	42.75 1.33 0.00	40.69 1.15 0.00	42.11 1.85 0.00	44.13 2.18 0.00	58.51 2.41 0.00	73.67 3.04 0.00	64.01 1.74 0.00	44.82 0.27 0.00	40.22 0.08 0.00	38.81 -0.12 0.00	38.01 -0.08 0.00	38.79 0.08 0.00	39.44 0.24 0.00	42.76 0.55 0.00	49.32 0.63 0.00	64.87 1.71 0.00	76.64 2.59 0.00	72.39 2.31 0.00	60.35 1.76 0.00	52.91 1.29 0.00	48.17 1.13 0.00	45.35 1.15 0.00
SOUTH HAMPTN___IC 23720	47.09 1.33 0.00	45.72 1.07 0.00	42.33 0.91 0.00	40.14 0.59 0.00	40.86 0.60 0.00	42.57 0.63 0.00	45.45 -0.51 10.14	48.74 -0.35 21.54	44.10 -0.56 17.61	35.45 0.18 9.28	41.37 1.28 0.06	38.77 1.21 1.37	39.30 1.22 0.00	40.18 1.47 0.00	40.81 1.61 0.00	43.98 1.77 0.00	49.69 1.02 0.02	64.16 1.01 0.02	75.51 1.48 0.02	71.18 1.12 0.02	59.29 0.71 0.02	52.64 1.03 0.02	46.59 0.33 0.78	44.69 0.49 0.01
SOUTHDOW_115KV_TB1 355954	47.14 1.37 0.00	45.72 1.07 0.00	42.70 1.28 0.00	41.01 1.46 0.00	41.83 1.57 0.00	43.29 1.34 0.00	57.72 1.63 0.00	72.89 2.26 0.00	64.88 2.62 0.00	47.44 2.90 0.00	42.23 2.09 0.00	41.03 2.10 0.00	40.18 2.09 0.00	41.04 2.32 0.00	41.32 2.12 0.00	43.77 1.56 0.00	49.27 0.58 0.00	63.48 0.32 0.00	74.42 0.37 0.00	70.57 0.49 0.00	58.83 0.23 0.00	52.50 0.88 0.00	47.88 0.85 0.00	45.00 0.80 0.00
SOUTHOLD_69_KV_BK 2 55809	47.41 1.65 0.00	45.76 1.12 0.00	42.62 1.20 0.00	40.42 0.87 0.00	41.15 0.89 0.00	42.91 0.96 0.00	45.79 -0.17 10.14	49.17 0.07 21.53	44.47 -0.19 17.60	35.81 0.53 9.27	41.77 1.69 0.06	39.16 1.60 1.37	39.80 1.71 0.00	40.69 1.97 0.00	41.35 2.16 0.00	44.53 2.32 0.00	50.47 1.80 0.02	65.17 2.02 0.02	76.77 2.74 0.02	72.38 2.31 0.02	60.16 1.58 0.02	53.31 1.70 0.02	47.15 0.89 0.78	45.22 1.02 0.00
SOUTHOLD___IC 23719	47.41 1.65 0.00	46.03 1.39 0.00	42.62 1.20 0.00	40.41 0.87 0.00	41.14 0.88 0.00	42.91 0.97 0.00	45.79 -0.17 10.14	49.24 0.14 21.53	44.54 -0.12 17.60	35.81 0.54 9.28	41.77 1.69 0.06	39.16 1.60 1.37	39.80 1.72 0.00	40.69 1.97 0.00	41.35 2.15 0.00	44.61 2.40 0.00	50.47 1.80 0.02	65.23 2.08 0.02	76.84 2.81 0.02	72.37 2.31 0.02	60.16 1.58 0.02	53.36 1.76 0.02	47.15 0.89 0.78	45.22 1.02 0.01
SOUTH_FORK_WT_PWR 323839	47.23 1.46 0.00	45.85 1.21 0.00	42.45 1.04 0.00	40.26 0.71 0.00	41.02 0.76 0.00	42.78 0.84 0.00	45.50 -0.45 10.14	48.89 -0.21 21.54	44.23 -0.43 17.61	35.63 0.35 9.28	41.65 1.56 0.06	39.12 1.56 1.37	39.76 1.67 0.00	40.72 2.01 0.00	41.39 2.19 0.00	44.65 2.45 0.00	50.52 1.85 0.02	65.30 2.15 0.02	76.92 2.88 0.02	72.45 2.38 0.02	60.16 1.58 0.02	53.36 1.76 0.02	47.15 0.89 0.78	45.22 1.02 0.01
SPIERFLS_115KV_TB 1 80737	46.96 1.19 0.00	45.72 1.07 0.00	42.46 1.04 0.00	40.54 0.99 0.00	41.19 0.93 0.00	42.95 1.01 0.00	57.16 1.07 0.00	72.33 1.70 0.00	63.26 1.00 0.00	44.68 0.13 0.00	40.14 0.00 0.00	38.70 -0.23 0.00	37.82 -0.27 0.00	38.52 -0.19 0.00	39.09 -0.12 0.00	42.47 0.25 0.00	49.27 0.58 0.00	64.55 1.39 0.00	75.97 1.93 0.00	71.69 1.61 0.00	59.89 1.29 0.00	52.50 0.88 0.00	48.03 0.99 0.00	45.18 0.97 0.00
ST LAWRENCE____ 23600	45.91 0.14 0.00	44.83 0.18 0.00	41.55 0.12 0.00	39.71 0.16 0.00	40.38 0.12 0.00	42.03 0.08 0.00	56.38 0.28 0.00	70.84 0.21 0.00	62.51 0.25 0.00	44.77 0.22 0.00	40.34 0.20 0.00	39.20 0.27 0.00	38.32 0.23 0.00	38.83 0.12 0.00	39.40 0.20 0.00	42.42 0.21 0.00	48.88 0.20 0.00	63.61 0.45 0.00	74.42 0.37 0.00	70.64 0.56 0.00	59.01 0.41 0.00	51.99 0.36 0.00	47.46 0.42 0.00	44.52 0.31 0.00

STATE_CA_115KV_115_LB 55624	45.95 0.18 0.00	44.79 0.13 0.00	41.50 0.08 0.00	39.63 0.08 0.00	40.30 0.04 0.00	42.20 0.25 0.00	56.15 0.06 0.00	70.70 0.07 0.00	62.08 -0.19 0.00	44.15 -0.40 0.00	39.86 -0.28 0.00	38.66 -0.27 0.00	37.82 -0.27 0.00	38.49 -0.23 0.00	39.05 -0.16 0.00	42.17 -0.04 0.00	48.78 0.10 0.00	63.42 0.25 0.00	74.49 0.44 0.00	70.36 0.28 0.00	58.83 0.23 0.00	51.57 -0.05 0.00	46.99 -0.05 0.00	44.29 0.09 0.00
STATE_ST_34_KV_LOAD 55959	46.12 0.14 -0.21	44.76 0.00 -0.11	41.46 0.04 0.00	39.63 0.08 0.00	40.34 0.08 0.00	42.03 0.08 0.00	56.32 0.22 0.00	70.98 0.35 0.00	62.82 0.56 0.00	44.99 0.45 0.00	40.46 0.32 0.00	39.16 0.23 0.00	38.32 0.23 0.00	38.99 0.27 0.00	39.36 0.16 0.00	42.38 0.17 0.00	48.93 0.24 0.00	63.48 0.32 0.00	74.93 0.52 -0.37	70.50 0.42 0.00	58.77 0.18 0.00	51.78 0.15 0.00	47.18 0.14 0.00	44.16 -0.04 0.00
STATION_5_MISC_HYD 23604	45.91 0.14 0.00	44.38 -0.27 0.00	41.38 -0.04 0.00	39.63 0.08 0.00	40.38 0.12 0.00	41.78 -0.17 0.00	55.93 -0.17 0.00	70.92 0.28 0.00	62.82 0.56 0.00	45.39 0.84 0.00	40.62 0.48 0.00	39.43 0.50 0.00	38.81 0.72 0.00	39.30 0.58 0.00	39.71 0.51 0.00	42.25 0.04 0.00	48.44 -0.24 0.00	62.59 -0.57 0.00	73.38 -0.67 0.00	69.66 -0.42 0.00	57.90 -0.70 0.00	50.90 -0.72 0.00	46.94 -0.09 0.00	43.81 -0.40 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.91 0.05 -0.10	44.52 -0.18 -0.05	41.34 -0.08 0.00	39.55 0.00 0.00	40.30 0.04 0.00	41.82 -0.13 0.00	55.98 -0.11 0.00	70.77 0.14 0.00	62.76 0.50 0.00	45.17 0.62 0.00	40.46 0.32 0.00	39.28 0.35 0.00	38.51 0.42 0.00	39.10 0.39 0.00	39.52 0.31 0.00	42.25 0.04 0.00	48.54 -0.15 0.00	62.78 -0.38 0.00	73.92 -0.30 -0.17	69.87 -0.21 0.00	58.07 -0.53 0.00	51.37 -0.26 0.00	46.94 -0.09 0.00	43.81 -0.40 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.54 -0.23 0.00	44.16 -0.49 0.00	41.09 -0.33 0.00	39.35 -0.20 0.00	40.06 -0.20 0.00	41.53 -0.42 0.00	55.59 -0.50 0.00	70.28 -0.35 0.00	62.39 0.12 0.00	45.04 0.49 0.00	40.30 0.16 0.00	39.20 0.27 0.00	38.47 0.38 0.00	38.99 0.27 0.00	39.44 0.24 0.00	42.00 -0.21 0.00	48.15 -0.54 0.00	62.22 -0.95 0.00	72.94 -1.11 0.00	69.24 -0.84 0.00	57.54 -1.05 0.00	51.06 -0.57 0.00	46.61 -0.42 0.00	43.50 -0.71 0.00
STA_56___34_KV_BUS2 355983	45.54 -0.23 0.00	44.16 -0.49 0.00	41.09 -0.33 0.00	39.35 -0.20 0.00	40.06 -0.20 0.00	41.53 -0.42 0.00	55.59 -0.50 0.00	70.28 -0.35 0.00	62.39 0.12 0.00	45.04 0.49 0.00	40.30 0.16 0.00	39.20 0.27 0.00	38.47 0.38 0.00	38.99 0.27 0.00	39.44 0.24 0.00	42.00 -0.21 0.00	48.15 -0.54 0.00	62.22 -0.95 0.00	72.94 -1.11 0.00	69.24 -0.84 0.00	57.54 -1.05 0.00	51.06 -0.57 0.00	46.61 -0.42 0.00	43.50 0.00 0.00
STA_67___115KV_BK2 355882	45.82 0.05 0.00	44.38 -0.27 0.00	41.34 -0.08 0.00	39.55 0.00 0.00	40.30 0.04 0.00	41.74 -0.21 0.00	55.81 -0.28 0.00	70.63 0.00 0.00	62.70 0.44 0.00	45.31 0.76 0.00	40.54 0.40 0.00	39.44 0.51 0.00	38.70 0.61 0.00	39.22 0.50 0.00	39.63 0.43 0.00	42.25 0.04 0.00	48.34 -0.34 0.00	62.41 -0.76 0.00	73.23 -0.81 0.00	69.52 -0.56 0.00	57.78 -0.82 0.00	51.31 -0.31 0.00	46.85 -0.19 0.00	43.72 -0.49 0.00
STA_7___115KV_9TRANS 80674	46.09 0.32 0.00	44.65 0.00 0.00	41.54 0.12 0.00	39.78 0.24 0.00	40.54 0.28 0.00	41.95 0.00 0.00	56.15 0.06 0.00	71.06 0.42 0.00	63.14 0.87 0.00	45.57 1.02 0.00	40.78 0.64 0.00	39.71 0.78 0.00	38.97 0.88 0.00	39.49 0.77 0.00	39.91 0.71 0.00	42.51 0.30 0.00	48.69 0.00 0.00	62.91 -0.25 0.00	73.82 -0.22 0.00	70.08 0.00 0.00	58.13 -0.47 0.00	51.62 0.00 0.00	47.18 0.14 0.00	43.94 -0.27 0.00
STA_82___115KV_TB1 80780	45.82 0.05 0.00	44.38 -0.27 0.00	41.34 -0.08 0.00	39.59 0.04 0.00	40.30 0.04 0.00	41.74 -0.21 0.00	55.87 -0.22 0.00	70.63 0.00 0.00	62.70 0.44 0.00	45.31 0.76 0.00	40.54 0.40 0.00	39.44 0.51 0.00	38.74 0.65 0.00	39.26 0.54 0.00	39.67 0.47 0.00	42.25 0.04 0.00	48.34 -0.34 0.00	62.47 -0.69 0.00	73.23 -0.81 0.00	69.59 -0.49 0.00	57.78 -0.82 0.00	51.31 -0.31 0.00	46.85 -0.19 0.00	43.72 -0.49 0.00
STEEL___WIND 323596	46.05 0.28 0.00	44.38 -0.27 0.00	41.63 0.21 0.00	39.98 0.44 0.00	40.70 0.44 0.00	42.07 0.13 0.00	55.98 -0.11 0.00	70.99 0.35 0.00	63.01 0.75 0.00	46.15 1.60 0.00	41.14 1.00 0.00	39.94 1.01 0.00	39.31 1.22 0.00	39.96 1.24 0.00	40.26 1.06 0.00	42.51 0.30 0.00	47.96 -0.73 0.00	61.46 -1.70 0.00	72.05 -2.00 0.00	68.47 -1.61 0.00	57.13 -1.46 0.00	50.12 -1.50 0.00	46.66 -0.38 0.00	43.81 -0.40 0.00
STEPHTWN_115KV_BK_2 55603	46.18 0.41 0.00	45.01 0.36 0.00	41.71 0.29 0.00	39.78 0.24 0.00	40.46 0.20 0.00	42.41 0.46 0.00	56.37 0.28 0.00	71.06 0.42 0.00	62.45 0.19 0.00	44.33 -0.22 0.00	40.02 -0.12 0.00	38.77 -0.16 0.00	37.94 -0.15 0.00	38.60 -0.12 0.00	39.16 -0.04 0.00	42.30 0.08 0.00	48.98 0.29 0.00	63.73 0.57 0.00	74.93 0.89 0.00	70.71 0.63 0.00	59.12 0.53 0.00	51.88 0.26 0.00	47.23 0.19 0.00	44.47 0.27 0.00
STEUBEN_REC_LFGE 323667	46.73 0.96 0.00	45.28 0.63 0.00	42.21 0.79 0.00	40.46 0.91 0.00	41.23 0.97 0.00	42.83 0.88 0.00	57.33 1.23 0.00	72.40 1.77 0.00	65.75 3.49 0.00	47.62 3.07 0.00	42.39 2.25 0.00	40.91 1.99 0.00	39.27 1.18 0.00	40.00 1.28 0.00	40.38 1.18 0.00	43.14 0.93 0.00	49.27 0.58 0.00	63.67 0.51 0.00	74.93 0.89 0.00	70.99 0.91 0.00	59.01 0.41 0.00	52.35 0.72 0.00	47.84 0.80 0.00	44.74 0.53 0.00
STILLWATER___SOLAR 323814	47.19 1.42 0.00	45.99 1.34 0.00	42.66 1.24 0.00	40.73 1.19 0.00	41.43 1.17 0.00	43.25 1.30 0.00	57.72 1.63 0.00	72.82 2.19 0.00	63.82 1.56 0.00	45.13 0.58 0.00	40.50 0.36 0.00	39.16 0.23 0.00	38.28 0.19 0.00	38.99 0.27 0.00	39.59 0.39 0.00	42.93 0.72 0.00	49.81 1.12 0.00	65.06 1.89 0.00	76.56 2.52 0.00	72.18 2.10 0.00	60.41 1.82 0.00	53.12 1.50 0.00	48.31 1.27 0.00	45.49 1.28 0.00
STONY___BROOK 24151	47.32 1.56 0.00	45.99 1.34 0.00	42.54 1.12 0.00	40.33 0.79 0.00	41.06 0.80 0.00	42.74 0.79 0.00	45.56 -0.17 10.37	49.25 0.00 21.38	44.01 -0.25 18.00	34.58 0.49 10.46	41.56 1.49 0.06	38.75 1.36 1.54	39.45 1.37 0.00	40.30 1.59 0.00	40.88 1.68 0.00	43.98 1.77 0.00	49.64 0.97 0.02	63.97 0.82 0.02	75.14 1.11 0.02	70.84 0.77 0.02	59.23 0.65 0.02	52.59 0.98 0.02	46.60 0.33 0.77	44.77 0.57 0.01
STURGEON_POOL_HYD 23609	47.78 2.01 0.00	46.62 1.96 0.00	43.33 1.91 0.00	41.21 1.66 0.00	41.91 1.65 0.00	43.79 1.85 0.00	57.72 1.63 0.00	72.75 2.12 0.00	63.82 1.56 0.00	45.93 1.38 0.00	41.62 1.49 0.00	40.41 1.48 0.00	39.61 1.52 0.00	40.34 1.63 0.00	40.85 1.65 0.00	43.82 1.60 0.00	50.54 1.85 0.00	65.31 2.15 0.00	76.86 2.81 0.00	72.60 2.52 0.00	60.59 1.99 0.00	53.58 1.96 0.00	48.68 1.65 0.00	45.93 1.72 0.00

ST_LAW_115_BK7_LBMP 345037	45.95 0.18 0.00	44.88 0.22 0.00	41.59 0.17 0.00	39.71 0.16 0.00	40.42 0.16 0.00	42.07 0.13 0.00	56.49 0.40 0.00	70.92 0.28 0.00	62.58 0.31 0.00	44.82 0.27 0.00	40.34 0.20 0.00	39.20 0.27 0.00	38.32 0.23 0.00	38.87 0.16 0.00	39.40 0.20 0.00	42.47 0.25 0.00	48.88 0.20 0.00	63.67 0.50 0.00	74.49 0.45 0.00	70.71 0.63 0.00	59.12 0.53 0.00	52.03 0.41 0.00	47.51 0.47 0.00	44.56 0.35 0.00
ST_LAW_115_BK8_LBMP 345038	45.95 0.18 0.00	44.88 0.22 0.00	41.59 0.17 0.00	39.71 0.16 0.00	40.42 0.16 0.00	42.07 0.13 0.00	56.49 0.40 0.00	70.92 0.28 0.00	62.58 0.31 0.00	44.82 0.27 0.00	40.34 0.20 0.00	39.20 0.27 0.00	38.32 0.23 0.00	38.87 0.16 0.00	39.40 0.20 0.00	42.47 0.25 0.00	48.88 0.20 0.00	63.67 0.50 0.00	74.49 0.45 0.00	70.71 0.63 0.00	59.12 0.53 0.00	52.03 0.41 0.00	47.51 0.47 0.00	44.56 0.35 0.00
ST_LAW_230_BK5_LBMP 345035	45.91 0.14 0.00	44.83 0.18 0.00	41.55 0.12 0.00	39.71 0.16 0.00	40.38 0.12 0.00	42.03 0.08 0.00	56.38 0.28 0.00	70.84 0.21 0.00	62.51 0.25 0.00	44.77 0.22 0.00	40.34 0.20 0.00	39.20 0.27 0.00	38.32 0.23 0.00	38.83 0.12 0.00	39.40 0.20 0.00	42.42 0.21 0.00	48.88 0.20 0.00	63.61 0.45 0.00	74.42 0.37 0.00	70.64 0.56 0.00	59.01 0.41 0.00	51.99 0.36 0.00	47.46 0.42 0.00	44.52 0.31 0.00
ST_LAW_230_BK6_LBMP 345036	45.91 0.14 0.00	44.83 0.18 0.00	41.55 0.12 0.00	39.71 0.16 0.00	40.38 0.12 0.00	42.03 0.08 0.00	56.38 0.28 0.00	70.84 0.21 0.00	62.51 0.25 0.00	44.77 0.22 0.00	40.34 0.20 0.00	39.20 0.27 0.00	38.32 0.23 0.00	38.83 0.12 0.00	39.40 0.20 0.00	42.42 0.21 0.00	48.88 0.20 0.00	63.61 0.45 0.00	74.42 0.37 0.00	70.64 0.56 0.00	59.01 0.41 0.00	51.99 0.36 0.00	47.46 0.42 0.00	44.52 0.31 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.60 1.83 0.00	46.48 1.83 0.00	43.12 1.70 0.00	41.05 1.50 0.00	41.75 1.49 0.00	43.67 1.72 0.00	57.61 1.51 0.00	72.68 2.05 0.00	63.82 1.56 0.00	45.97 1.43 0.00	41.66 1.53 0.00	40.49 1.56 0.00	39.65 1.56 0.00	40.38 1.66 0.00	40.85 1.65 0.00	43.82 1.60 0.00	50.54 1.85 0.00	65.18 2.02 0.00	76.64 2.59 0.00	72.39 2.31 0.00	60.41 1.82 0.00	53.43 1.81 0.00	48.54 1.51 0.00	45.75 1.55 0.00
SWANROAD_115KV_TB1 355699	45.63 -0.14 0.00	44.03 -0.63 0.00	41.21 -0.21 0.00	39.63 0.08 0.00	40.34 0.08 0.00	41.57 -0.38 0.00	55.08 -1.01 0.00	69.71 -0.92 0.00	62.14 -0.12 0.00	45.62 1.07 0.00	40.70 0.56 0.00	39.67 0.74 0.00	38.93 0.84 0.00	39.49 0.77 0.00	39.83 0.63 0.00	42.04 -0.17 0.00	47.18 -1.51 0.00	60.32 -2.84 0.00	70.71 -3.33 0.00	67.28 -2.80 0.00	56.13 -2.46 0.00	50.28 -1.34 0.00	46.00 -1.03 0.00	43.32 -0.88 0.00
SYNERGY___BIOGAS 323694	46.73 0.96 0.00	45.14 0.49 0.00	42.17 0.75 0.00	40.46 0.91 0.00	41.23 0.97 0.00	42.49 0.55 0.00	56.71 0.62 0.00	71.83 1.20 0.00	63.95 1.68 0.00	46.51 1.96 0.00	41.38 1.24 0.00	40.33 1.40 0.00	39.61 1.52 0.00	40.11 1.39 0.00	40.50 1.29 0.00	42.89 0.68 0.00	48.64 -0.05 0.00	62.66 -0.51 0.00	73.60 -0.44 0.00	70.08 0.00 0.00	58.07 -0.53 0.00	51.88 0.26 0.00	47.46 0.42 0.00	44.34 0.13 0.00
SYRACUSE___ENERGY_ST1 323597	45.81 -0.23 -0.27	44.48 -0.31 -0.14	41.17 -0.25 0.00	39.31 -0.24 0.00	40.06 -0.20 0.00	41.69 -0.25 0.00	55.87 -0.22 0.00	70.35 -0.28 0.00	62.26 0.00 0.00	44.59 0.04 0.00	40.14 0.00 0.00	38.85 -0.08 0.00	38.01 -0.08 0.00	38.72 0.00 0.00	39.09 -0.12 0.00	42.09 -0.13 0.00	48.54 -0.15 0.00	62.85 -0.32 0.00	74.23 -0.30 -0.48	69.80 -0.28 0.00	58.24 -0.35 0.00	51.31 -0.31 0.00	46.76 -0.28 0.00	43.85 -0.35 0.00
SYRACUSE___ENERGY_ST2 323598	45.81 -0.23 -0.27	44.48 -0.31 -0.14	41.17 -0.25 0.00	39.31 -0.24 0.00	40.06 -0.20 0.00	41.69 -0.25 0.00	55.87 -0.22 0.00	70.35 -0.28 0.00	62.26 0.00 0.00	44.59 0.04 0.00	40.14 0.00 0.00	38.85 -0.08 0.00	38.01 -0.08 0.00	38.72 0.00 0.00	39.09 -0.12 0.00	42.09 -0.13 0.00	48.54 -0.15 0.00	62.85 -0.32 0.00	74.23 -0.30 -0.48	69.80 -0.28 0.00	58.24 -0.35 0.00	51.31 -0.31 0.00	46.76 -0.28 0.00	43.85 -0.35 0.00
SYRACUSE___POWER 24017	45.54 -0.32 -0.09	44.29 -0.40 -0.04	41.09 -0.33 0.00	39.27 -0.28 0.00	39.98 -0.28 0.00	41.61 -0.34 0.00	55.76 -0.34 0.00	70.21 -0.42 0.00	62.08 -0.19 0.00	44.50 -0.04 0.00	40.06 -0.08 0.00	38.77 -0.16 0.00	37.94 -0.15 0.00	38.64 -0.08 0.00	39.01 -0.20 0.00	42.00 -0.21 0.00	48.44 -0.24 0.00	62.72 -0.44 0.00	73.75 -0.44 -0.15	69.66 -0.42 0.00	58.13 -0.47 0.00	51.26 -0.36 0.00	46.71 -0.33 0.00	43.76 -0.44 0.00
TALLMAN__138KV_BK151 55660	47.74 1.97 0.00	46.62 1.96 0.00	43.24 1.82 0.00	41.13 1.58 0.00	41.83 1.57 0.00	43.79 1.85 0.00	57.78 1.68 0.00	72.89 2.26 0.00	64.01 1.74 0.00	46.15 1.60 0.00	41.90 1.77 0.00	40.72 1.79 0.00	39.88 1.79 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.03 1.82 0.00	50.73 2.04 0.00	65.37 2.21 0.00	76.86 2.81 0.00	72.53 2.45 0.00	60.53 1.93 0.00	53.58 1.96 0.00	48.64 1.60 0.00	45.89 1.68 0.00
TEALLAVE_115KV_TB7 355573	45.35 -0.50 -0.08	44.16 -0.54 -0.04	40.92 -0.50 0.00	39.11 -0.44 0.00	39.82 -0.44 0.00	41.49 -0.46 0.00	55.53 -0.56 0.00	69.93 -0.71 0.00	61.89 -0.37 0.00	44.33 -0.22 0.00	39.90 -0.24 0.00	38.66 -0.27 0.00	37.82 -0.27 0.00	38.49 -0.23 0.00	38.89 -0.31 0.00	41.83 -0.38 0.00	48.25 -0.44 0.00	62.47 -0.69 0.00	73.45 -0.74 -0.15	69.31 -0.77 0.00	57.89 -0.70 0.00	51.06 -0.57 0.00	46.47 -0.56 0.00	43.59 -0.62 0.00
TELGRAPH_34_KV_EAST 80808	46.23 0.46 0.00	44.65 0.00 0.00	41.71 0.29 0.00	40.06 0.51 0.00	40.82 0.56 0.00	42.07 0.13 0.00	55.98 -0.11 0.00	70.91 0.28 0.00	63.20 0.93 0.00	46.15 1.60 0.00	41.14 1.00 0.00	40.10 1.17 0.00	39.35 1.26 0.00	39.88 1.16 0.00	40.26 1.06 0.00	42.55 0.34 0.00	48.05 -0.63 0.00	61.65 -1.52 0.00	72.34 -1.70 0.00	68.82 -1.26 0.00	57.25 -1.35 0.00	51.21 -0.41 0.00	46.85 -0.19 0.00	43.90 -0.31 0.00
TEMPLE___115KV_TB 2 55572	45.38 -0.46 -0.07	44.15 -0.54 -0.03	40.96 -0.46 0.00	39.11 -0.44 0.00	39.82 -0.44 0.00	41.49 -0.46 0.00	55.53 -0.56 0.00	70.00 -0.64 0.00	61.89 -0.37 0.00	44.37 -0.18 0.00	39.94 -0.20 0.00	38.66 -0.27 0.00	37.82 -0.27 0.00	38.52 -0.19 0.00	38.93 -0.27 0.00	41.87 -0.34 0.00	48.25 -0.44 0.00	62.53 -0.63 0.00	73.42 -0.74 -0.12	69.38 -0.70 0.00	57.89 -0.70 0.00	51.06 -0.57 0.00	46.52 -0.52 0.00	43.63 -0.57 0.00
TIANA____69_KV_BK 1 55817	47.05 1.28 0.00	45.41 0.76 0.00	42.29 0.87 0.00	40.10 0.55 0.00	40.78 0.52 0.00	42.49 0.55 0.00	45.39 -0.56 10.14	48.67 -0.42 21.53	43.98 -0.68 17.60	35.46 0.18 9.27	41.29 1.20 0.06	38.65 1.09 1.37	39.23 1.14 0.00	40.07 1.36 0.00	40.69 1.49 0.00	43.77 1.56 0.00	49.50 0.83 0.02	63.91 0.76 0.02	75.22 1.18 0.02	70.91 0.84 0.02	59.11 0.53 0.02	52.43 0.83 0.02	46.45 0.19 0.78	44.60 0.40 0.00

TILDEN___115KV_TB1 80814	45.54 -0.32 -0.09	44.29 -0.40 -0.04	41.09 -0.33 0.00	39.27 -0.28 0.00	39.98 -0.28 0.00	41.61 -0.34 0.00	55.76 -0.34 0.00	70.21 -0.42 0.00	62.08 -0.19 0.00	44.50 -0.04 0.00	40.06 -0.08 0.00	38.77 -0.16 0.00	37.94 -0.15 0.00	38.64 -0.08 0.00	39.01 -0.20 0.00	42.00 -0.21 0.00	48.44 -0.24 0.00	62.72 -0.44 0.00	73.75 -0.44 -0.15	69.66 -0.42 0.00	58.13 -0.47 0.00	51.26 -0.36 0.00	46.71 -0.33 0.00	43.76 -0.44 0.00
TRIGEN___CC 323695	47.71 1.92 -0.02	46.14 1.47 -0.02	42.88 1.45 -0.01	40.73 1.19 0.00	41.43 1.17 0.00	43.20 1.26 0.00	54.92 0.67 1.85	66.67 1.06 5.02	59.81 0.75 3.20	45.57 1.02 0.00	42.04 1.89 -0.02	40.70 1.75 -0.02	39.86 1.75 -0.02	40.67 1.94 -0.02	41.18 1.96 -0.02	44.26 2.03 -0.02	50.19 1.51 0.01	64.61 1.45 0.01	76.04 2.00 0.01	71.75 1.68 0.01	59.88 1.29 0.01	53.01 1.39 0.01	47.79 0.94 0.19	45.31 1.11 0.00
TRINITY___115KV___4 BK 55933	45.68 -0.09 0.00	44.56 -0.09 0.00	41.30 -0.12 0.00	39.39 -0.16 0.00	40.10 -0.16 0.00	41.99 0.04 0.00	55.81 -0.28 0.00	70.28 -0.35 0.00	61.77 -0.50 0.00	43.92 -0.62 0.00	39.70 -0.44 0.00	38.46 -0.47 0.00	37.67 -0.42 0.00	38.33 -0.39 0.00	38.89 -0.31 0.00	41.96 -0.25 0.00	48.49 -0.19 0.00	63.04 -0.13 0.00	74.05 0.00 0.00	69.94 -0.14 0.00	58.48 -0.12 0.00	51.26 -0.36 0.00	46.71 -0.33 0.00	44.03 -0.18 0.00
UNION___PROCESSING_DRP 323587	45.82 0.05 0.00	44.43 -0.22 0.00	41.34 -0.08 0.00	39.59 0.04 0.00	40.34 0.08 0.00	41.74 -0.21 0.00	55.87 -0.22 0.00	70.70 0.07 0.00	62.76 0.50 0.00	45.31 0.76 0.00	40.58 0.44 0.00	39.47 0.55 0.00	38.74 0.65 0.00	39.26 0.54 0.00	39.67 0.47 0.00	42.25 0.04 0.00	48.34 -0.34 0.00	62.47 -0.69 0.00	73.23 -0.81 0.00	69.59 -0.49 0.00	57.78 -0.82 0.00	51.31 -0.31 0.00	46.85 -0.19 0.00	43.72 -0.49 0.00
UPPER HUDSON___HYD 24058	46.96 1.19 0.00	45.72 1.07 0.00	42.46 1.04 0.00	40.54 0.99 0.00	41.19 0.93 0.00	42.95 1.01 0.00	57.16 1.06 0.00	72.40 1.77 0.00	63.26 0.99 0.00	44.68 0.13 0.00	40.14 0.00 0.00	38.74 -0.19 0.00	37.83 -0.26 0.00	38.52 -0.19 0.00	39.09 -0.12 0.00	42.47 0.25 0.00	49.27 0.59 0.00	64.55 1.39 0.00	75.97 1.92 0.00	71.69 1.61 0.00	59.88 1.29 0.00	52.66 1.03 0.00	48.03 0.99 0.00	45.18 0.97 0.00
UPPER RAQUET___HYD 24056	47.10 1.33 0.00	46.04 1.39 0.00	42.62 1.20 0.00	40.73 1.19 0.00	41.47 1.21 0.00	43.12 1.17 0.00	58.06 1.96 0.00	72.68 2.05 0.00	64.13 1.87 0.00	45.70 1.16 0.00	41.06 0.92 0.00	39.90 0.97 0.00	38.97 0.88 0.00	39.37 0.66 0.00	39.95 0.74 0.00	43.18 0.97 0.00	49.71 1.02 0.00	65.12 1.96 0.00	76.27 2.22 0.00	72.74 2.66 0.00	60.77 2.17 0.00	53.58 1.96 0.00	48.97 1.93 0.00	45.75 1.55 0.00
VALLEY44_115KV_TB2 355964	45.68 -0.09 0.00	44.29 -0.36 0.00	41.38 -0.04 0.00	39.70 0.16 0.00	40.46 0.20 0.00	41.99 0.04 0.00	56.04 -0.06 0.00	70.35 -0.28 0.00	62.45 0.19 0.00	45.62 1.07 0.00	40.74 0.60 0.00	39.59 0.66 0.00	38.78 0.69 0.00	39.41 0.70 0.00	39.67 0.47 0.00	42.04 -0.17 0.00	47.52 -1.17 0.00	61.14 -2.02 0.00	71.75 -2.30 0.00	68.19 -1.89 0.00	56.78 -1.82 0.00	50.59 -1.03 0.00	46.19 -0.85 0.00	43.54 -0.66 0.00
VALLEY___115KV_TB 1-4 80826	47.42 1.65 0.00	46.35 1.70 0.00	42.99 1.57 0.00	41.01 1.46 0.00	41.79 1.53 0.00	43.50 1.55 0.00	58.11 2.02 0.00	73.24 2.61 0.00	64.57 2.30 0.00	46.11 1.56 0.00	41.54 1.40 0.00	40.21 1.28 0.00	39.35 1.26 0.00	39.96 1.24 0.00	40.42 1.22 0.00	43.56 1.35 0.00	50.24 1.56 0.00	65.25 2.08 0.00	76.56 2.52 0.00	72.53 2.45 0.00	60.59 1.99 0.00	53.48 1.86 0.00	48.73 1.69 0.00	45.80 1.59 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.65 1.88 0.00	46.66 2.01 0.00	43.28 1.86 0.00	41.29 1.74 0.00	42.07 1.81 0.00	43.75 1.80 0.00	58.39 2.30 0.00	73.74 3.11 0.00	65.07 2.80 0.00	46.42 1.87 0.00	41.82 1.69 0.00	40.53 1.60 0.00	39.65 1.56 0.00	40.30 1.59 0.00	40.73 1.53 0.00	43.94 1.73 0.00	50.68 2.00 0.00	65.69 2.53 0.00	77.16 3.11 0.00	73.16 3.08 0.00	61.06 2.46 0.00	53.95 2.32 0.00	49.01 1.98 0.00	46.02 1.81 0.00
VISCHER___FERRY HYD 24020	46.68 0.92 0.00	45.54 0.89 0.00	42.17 0.75 0.00	40.26 0.71 0.00	41.02 0.76 0.00	42.87 0.92 0.00	57.27 1.18 0.00	72.12 1.49 0.00	63.32 1.06 0.00	44.77 0.22 0.00	40.34 0.20 0.00	39.05 0.12 0.00	38.17 0.08 0.00	38.87 0.16 0.00	39.44 0.24 0.00	42.76 0.55 0.00	49.56 0.88 0.00	64.55 1.39 0.00	75.90 1.85 0.00	71.62 1.54 0.00	59.94 1.35 0.00	52.60 0.98 0.00	47.74 0.71 0.00	45.04 0.84 0.00
V_A_10_SYNC_DSASP 323832	45.50 -0.27 0.00	43.94 -0.71 0.00	41.09 -0.33 0.00	39.39 -0.16 0.00	40.14 -0.12 0.00	41.44 -0.50 0.00	55.20 -0.90 0.00	69.85 -0.78 0.00	62.20 -0.06 0.00	45.48 0.94 0.00	40.62 0.48 0.00	39.59 0.66 0.00	38.81 0.72 0.00	39.38 0.66 0.00	39.75 0.55 0.00	42.09 -0.13 0.00	47.47 -1.22 0.00	60.83 -2.34 0.00	71.23 -2.81 0.00	67.77 -2.31 0.00	56.49 -2.11 0.00	50.49 -1.14 0.00	46.14 -0.89 0.00	43.23 -0.97 0.00
V_CMM_10_SYNC_DSASP 323787	46.14 0.37 0.00	45.05 0.40 0.00	41.75 0.33 0.00	39.90 0.36 0.00	40.58 0.32 0.00	42.24 0.29 0.00	56.71 0.62 0.00	71.34 0.71 0.00	62.82 0.56 0.00	44.99 0.45 0.00	40.54 0.40 0.00	39.40 0.47 0.00	38.51 0.42 0.00	39.03 0.31 0.00	39.60 0.39 0.00	42.63 0.42 0.00	49.07 0.39 0.00	63.92 0.76 0.00	74.79 0.74 0.00	70.92 0.84 0.00	59.36 0.76 0.00	52.24 0.62 0.00	47.74 0.71 0.00	44.74 0.53 0.00
V_CMP_10_SYNC_DSASP 323788	46.41 0.64 0.00	45.28 0.62 0.00	41.92 0.50 0.00	40.10 0.55 0.00	40.74 0.48 0.00	42.41 0.46 0.00	56.65 0.56 0.00	71.06 0.43 0.00	62.76 0.50 0.00	45.26 0.71 0.00	40.78 0.64 0.00	39.67 0.74 0.00	38.74 0.65 0.00	39.18 0.47 0.00	39.75 0.55 0.00	42.85 0.63 0.00	49.07 0.39 0.00	64.05 0.88 0.00	74.86 0.82 0.00	71.27 1.19 0.00	59.53 0.93 0.00	52.35 0.72 0.00	48.16 1.13 0.00	45.09 0.88 0.00
V_D_10_SYNC_DSASP 323841	46.59 0.82 0.00	45.50 0.85 0.00	42.12 0.70 0.00	40.30 0.75 0.00	40.94 0.68 0.00	42.62 0.67 0.00	57.27 1.18 0.00	71.83 1.20 0.00	63.44 1.18 0.00	45.39 0.84 0.00	40.86 0.72 0.00	39.75 0.82 0.00	38.85 0.76 0.00	39.33 0.62 0.00	39.91 0.71 0.00	43.01 0.80 0.00	49.51 0.83 0.00	64.55 1.39 0.00	75.45 1.40 0.00	71.76 1.68 0.00	59.94 1.35 0.00	52.76 1.13 0.00	48.21 1.18 0.00	45.18 0.97 0.00
V_E_10_SYNC_DSASP 323830	49.02 3.25 0.00	48.09 3.44 0.00	44.61 3.19 0.00	42.55 3.00 0.00	43.44 3.18 0.00	45.18 3.23 0.00	60.86 4.77 0.00	76.92 6.28 0.00	67.87 5.61 0.00	47.93 3.38 0.00	42.87 2.73 0.00	41.34 2.41 0.00	40.45 2.36 0.00	41.08 2.36 0.00	41.36 2.15 0.00	44.92 2.70 0.00	52.09 3.41 0.00	68.09 4.93 0.00	80.27 6.22 0.00	76.25 6.17 0.00	63.52 4.92 0.00	55.80 4.18 0.00	50.85 3.81 0.00	47.52 3.32 0.00

V_F_30_NSYNC___DSASP 323816	47.28 1.51 0.00	46.08 1.43 0.00	42.71 1.29 0.00	40.77 1.23 0.00	41.47 1.21 0.00	43.33 1.38 0.00	57.77 1.68 0.00	72.96 2.33 0.00	63.88 1.62 0.00	45.22 0.67 0.00	40.62 0.48 0.00	39.24 0.31 0.00	38.36 0.27 0.00	39.07 0.35 0.00	39.68 0.47 0.00	43.01 0.80 0.00	49.90 1.22 0.00	65.18 2.02 0.00	76.64 2.59 0.00	72.32 2.24 0.00	60.47 1.87 0.00	53.17 1.55 0.00	48.35 1.32 0.00	45.53 1.32 0.00
V_F_30_SYNC_DSASP 323786	45.95 0.18 0.00	44.79 0.13 0.00	41.50 0.08 0.00	39.63 0.08 0.00	40.30 0.04 0.00	42.20 0.25 0.00	56.15 0.06 0.00	70.70 0.07 0.00	62.08 -0.19 0.00	44.10 -0.45 0.00	39.86 -0.28 0.00	38.66 -0.27 0.00	37.82 -0.27 0.00	38.49 -0.23 0.00	39.05 -0.16 0.00	42.17 -0.04 0.00	48.73 0.05 0.00	63.42 0.25 0.00	74.49 0.44 0.00	70.29 0.21 0.00	58.83 0.23 0.00	51.57 -0.05 0.00	46.99 -0.05 0.00	44.29 0.09 0.00
V_XM_10_SYNC_DSASP 323789	46.41 0.64 0.00	45.28 0.62 0.00	41.92 0.50 0.00	40.10 0.55 0.00	40.74 0.48 0.00	42.41 0.46 0.00	56.65 0.56 0.00	71.06 0.43 0.00	62.76 0.50 0.00	45.26 0.71 0.00	40.78 0.64 0.00	39.67 0.74 0.00	38.74 0.65 0.00	39.18 0.47 0.00	39.75 0.55 0.00	42.85 0.63 0.00	49.07 0.39 0.00	64.05 0.88 0.00	74.86 0.82 0.00	71.27 1.19 0.00	59.53 0.93 0.00	52.35 0.72 0.00	48.16 1.13 0.00	45.09 0.88 0.00
W.BABYLN_69_KV_BK1 56697	48.15 2.38 0.00	46.53 1.88 0.00	43.29 1.86 0.00	41.05 1.50 0.00	41.75 1.49 0.00	43.46 1.51 0.00	49.87 0.62 6.84	53.20 0.71 18.14	50.97 0.56 11.86	45.04 1.25 0.75	42.26 2.13 0.00	40.81 1.99 0.11	40.03 1.94 0.00	40.89 2.17 0.00	41.44 2.23 0.00	44.54 2.32 0.00	50.23 1.56 0.01	64.73 1.58 0.01	76.18 2.15 0.01	71.89 1.82 0.01	60.05 1.46 0.01	53.21 1.60 0.01	47.18 0.80 0.66	45.49 1.28 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.92 2.15 0.00	46.75 2.10 0.00	43.41 1.99 0.00	41.29 1.74 0.00	41.99 1.73 0.00	44.09 2.14 0.00	58.11 2.02 0.00	73.32 2.68 0.00	64.38 2.12 0.00	46.37 1.83 0.00	42.06 1.93 0.00	40.88 1.95 0.00	40.07 1.98 0.00	40.81 2.09 0.00	41.28 2.08 0.00	44.24 2.03 0.00	50.88 2.19 0.00	65.63 2.46 0.00	77.16 3.11 0.00	72.88 2.80 0.00	60.82 2.23 0.00	53.79 2.17 0.00	48.83 1.79 0.00	46.06 1.86 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.10 2.33 0.00	46.88 2.23 0.00	43.45 2.03 0.00	41.37 1.82 0.00	42.03 1.77 0.00	44.00 2.06 0.00	57.94 1.85 0.00	73.10 2.47 0.00	64.32 2.05 0.00	46.51 1.96 0.00	42.23 2.09 0.00	41.07 2.14 0.00	40.22 2.13 0.00	40.92 2.21 0.00	41.44 2.23 0.00	44.32 2.11 0.00	51.17 2.48 0.00	65.82 2.65 0.00	77.30 3.26 0.00	72.95 2.87 0.00	60.88 2.29 0.00	53.89 2.27 0.00	48.92 1.88 0.00	46.15 1.95 0.00
W50THST__13_KV_LOAD 356117	48.29 2.52 0.00	47.06 2.41 0.00	43.62 2.20 0.00	41.48 1.94 0.00	42.19 1.93 0.00	44.17 2.22 0.00	58.17 2.08 0.00	73.46 2.83 0.00	64.57 2.30 0.00	46.73 2.18 0.00	42.43 2.29 0.00	41.23 2.30 0.00	40.38 2.29 0.00	41.12 2.40 0.00	41.63 2.43 0.00	44.53 2.32 0.00	51.36 2.68 0.00	66.07 2.91 0.00	77.67 3.63 0.00	73.23 3.15 0.00	61.17 2.58 0.00	54.15 2.53 0.00	49.11 2.07 0.00	46.33 2.12 0.00
WADING RIVER_IC_1 23522	46.68 0.92 0.00	45.32 0.67 0.00	41.95 0.54 0.00	39.78 0.24 0.00	40.46 0.20 0.00	42.16 0.21 0.00	44.99 -0.95 10.15	48.10 -0.99 21.55	43.52 -1.12 17.62	35.02 -0.22 9.30	40.93 0.84 0.06	38.29 0.74 1.37	38.85 0.76 0.00	39.68 0.97 0.00	40.26 1.06 0.00	43.39 1.18 0.00	49.01 0.34 0.02	63.21 0.06 0.02	74.33 0.30 0.02	70.07 0.00 0.02	58.46 -0.12 0.02	51.92 0.31 0.02	45.98 -0.28 0.78	44.15 -0.04 0.01
WADING RIVER_IC_2 23547	46.68 0.92 0.00	45.32 0.67 0.00	41.95 0.54 0.00	39.78 0.24 0.00	40.46 0.20 0.00	42.16 0.21 0.00	44.99 -0.95 10.15	48.10 -0.99 21.55	43.52 -1.12 17.62	35.02 -0.22 9.30	40.93 0.84 0.06	38.29 0.74 1.37	38.85 0.76 0.00	39.68 0.97 0.00	40.26 1.06 0.00	43.39 1.18 0.00	49.01 0.34 0.02	63.21 0.06 0.02	74.33 0.30 0.02	70.07 0.00 0.02	58.46 -0.12 0.02	51.92 0.31 0.02	45.98 -0.28 0.78	44.15 -0.04 0.01
WADING RIVER_IC_3 23601	46.68 0.92 0.00	45.32 0.67 0.00	41.95 0.54 0.00	39.78 0.24 0.00	40.46 0.20 0.00	42.16 0.21 0.00	44.99 -0.95 10.15	48.10 -0.99 21.55	43.52 -1.12 17.62	35.02 -0.22 9.30	40.93 0.84 0.06	38.29 0.74 1.37	38.85 0.76 0.00	39.68 0.97 0.00	40.26 1.06 0.00	43.39 1.18 0.00	49.01 0.34 0.02	63.21 0.06 0.02	74.33 0.30 0.02	70.07 0.00 0.02	58.46 -0.12 0.02	51.92 0.31 0.02	45.98 -0.28 0.78	44.15 -0.04 0.01
WALDENNY_12_KV_BK2 80841	46.14 0.37 0.00	44.61 -0.04 0.00	41.71 0.29 0.00	40.06 0.51 0.00	40.78 0.52 0.00	42.16 0.21 0.00	56.09 0.00 0.00	70.84 0.21 0.00	63.14 0.87 0.00	46.29 1.74 0.00	41.26 1.12 0.00	40.18 1.25 0.00	39.46 1.37 0.00	40.03 1.32 0.00	40.38 1.18 0.00	42.72 0.51 0.00	48.00 -0.68 0.00	61.58 -1.58 0.00	72.19 -1.85 0.00	68.61 -1.47 0.00	57.19 -1.41 0.00	51.16 -0.46 0.00	46.76 -0.28 0.00	43.90 -0.31 0.00
WALDEN__HYDRO 24148	47.78 2.01 0.00	46.62 1.96 0.00	43.28 1.86 0.00	41.17 1.62 0.00	41.87 1.61 0.00	43.79 1.85 0.00	57.78 1.68 0.00	72.82 2.19 0.00	63.95 1.68 0.00	46.02 1.47 0.00	41.70 1.57 0.00	40.49 1.56 0.00	39.69 1.60 0.00	40.42 1.70 0.00	40.93 1.72 0.00	43.86 1.65 0.00	50.63 1.95 0.00	65.44 2.27 0.00	76.93 2.89 0.00	72.67 2.59 0.00	60.65 2.05 0.00	53.64 2.01 0.00	48.73 1.69 0.00	45.93 1.72 0.00
WARRENSBURG____ 23737	46.96 1.19 0.00	45.72 1.07 0.00	42.46 1.04 0.00	40.54 0.99 0.00	41.19 0.93 0.00	42.95 1.01 0.00	57.16 1.07 0.00	72.33 1.70 0.00	63.26 1.00 0.00	44.68 0.13 0.00	40.14 0.00 0.00	38.70 -0.23 0.00	37.82 -0.27 0.00	38.52 -0.19 0.00	39.09 -0.12 0.00	42.47 0.25 0.00	49.27 0.58 0.00	64.55 1.39 0.00	75.97 1.93 0.00	71.69 1.61 0.00	59.89 1.29 0.00	52.50 0.88 0.00	48.03 0.99 0.00	45.18 0.97 0.00
WATERSIDE____6 8 9 23538	48.29 2.52 -0.01	47.07 2.41 -0.01	43.66 2.24 -0.01	41.53 1.98 -0.01	42.24 1.97 -0.01	44.18 2.22 -0.01	58.11 2.02 0.00	73.31 2.68 0.00	64.44 2.18 0.00	46.69 2.14 0.00	42.39 2.25 -0.01	41.23 2.30 -0.01	40.38 2.29 -0.01	41.09 2.36 -0.01	41.60 2.39 -0.01	44.54 2.32 -0.01	51.37 2.68 -0.01	66.01 2.84 0.00	77.45 3.41 0.00	73.09 3.01 0.00	61.06 2.46 0.00	54.10 2.48 0.00	49.16 2.12 -0.01	46.33 2.12 -0.01
WATKINRD_115KV_LN8_ILLION 55919	46.91 1.14 0.00	45.81 1.16 0.00	42.50 1.08 0.00	40.54 0.99 0.00	41.31 1.05 0.00	43.04 1.09 0.00	57.50 1.40 0.00	72.40 1.77 0.00	63.82 1.56 0.00	45.57 1.02 0.00	41.10 0.96 0.00	39.79 0.86 0.00	38.93 0.84 0.00	39.57 0.85 0.00	40.03 0.82 0.00	43.14 0.93 0.00	49.76 1.07 0.00	64.62 1.45 0.00	75.82 1.78 0.00	71.76 1.68 0.00	60.00 1.41 0.00	52.91 1.29 0.00	48.17 1.13 0.00	45.31 1.11 0.00

WDELAWARE___HYD 323627	48.29 2.52 0.00	47.15 2.50 0.00	43.78 2.36 0.00	41.64 2.09 0.00	42.39 2.13 0.00	44.29 2.35 0.00	58.50 2.41 0.00	73.74 3.10 0.00	64.69 2.43 0.00	46.33 1.78 0.00	41.90 1.76 0.00	40.68 1.75 0.00	39.84 1.75 0.00	40.61 1.90 0.00	41.08 1.88 0.00	44.15 1.94 0.00	50.97 2.29 0.00	66.13 2.97 0.00	77.89 3.85 0.00	73.65 3.57 0.00	61.41 2.81 0.00	54.36 2.73 0.00	49.34 2.30 0.00	46.41 2.21 0.00
WEST BABYLON___IC 23714	48.15 2.38 0.00	46.53 1.88 0.00	43.29 1.86 0.00	41.05 1.50 0.00	41.75 1.49 0.00	43.46 1.51 0.00	49.87 0.62 6.84	53.20 0.71 18.14	50.97 0.56 11.86	45.04 1.25 0.75	42.26 2.13 0.00	40.81 1.99 0.11	40.03 1.94 0.00	40.89 2.17 0.00	41.44 2.23 0.00	44.54 2.32 0.00	50.23 1.56 0.01	64.73 1.58 0.01	76.18 2.15 0.01	71.89 1.82 0.01	60.05 1.46 0.01	53.21 1.60 0.01	47.18 0.80 0.66	45.49 1.28 0.00
WEST CANADA___HYD 24049	45.91 0.14 0.00	44.83 0.18 0.00	41.59 0.17 0.00	39.67 0.12 0.00	40.42 0.16 0.00	42.12 0.17 0.00	56.21 0.11 0.00	70.84 0.21 0.00	62.39 0.12 0.00	44.59 0.04 0.00	40.18 0.04 0.00	38.97 0.04 0.00	38.13 0.04 0.00	38.76 0.04 0.00	39.24 0.04 0.00	42.30 0.08 0.00	48.78 0.10 0.00	63.29 0.13 0.00	74.27 0.22 0.00	70.22 0.14 0.00	58.71 0.12 0.00	51.78 0.16 0.00	47.13 0.09 0.00	44.29 0.09 0.00
WESTERN_NY_WIND 24143	46.73 0.96 0.00	45.10 0.45 0.00	42.12 0.70 0.00	40.46 0.91 0.00	41.23 0.97 0.00	42.49 0.55 0.00	56.65 0.56 0.00	71.76 1.13 0.00	63.88 1.62 0.00	46.46 1.92 0.00	41.38 1.24 0.00	40.33 1.40 0.00	39.61 1.52 0.00	40.11 1.39 0.00	40.50 1.29 0.00	42.85 0.63 0.00	48.59 -0.10 0.00	62.59 -0.57 0.00	73.45 -0.59 0.00	69.94 -0.14 0.00	58.01 -0.59 0.00	51.83 0.21 0.00	47.41 0.38 0.00	44.29 0.09 0.00
WESTOVER___LESR 323668	46.32 0.55 0.00	45.14 0.49 0.00	41.96 0.54 0.00	40.10 0.55 0.00	40.82 0.56 0.00	42.53 0.59 0.00	56.77 0.67 0.00	71.48 0.85 0.00	63.14 0.87 0.00	45.44 0.89 0.00	40.82 0.68 0.00	39.59 0.66 0.00	38.74 0.65 0.00	39.41 0.70 0.00	39.79 0.59 0.00	42.72 0.51 0.00	49.07 0.39 0.00	63.48 0.32 0.00	74.49 0.44 0.00	70.50 0.42 0.00	58.83 0.23 0.00	52.04 0.41 0.00	47.37 0.33 0.00	44.51 0.31 0.00
WETHRSFD_WT_PWR 323626	46.05 0.28 0.00	44.47 -0.18 0.00	41.63 0.21 0.00	39.94 0.40 0.00	40.66 0.40 0.00	42.12 0.17 0.00	56.15 0.06 0.00	71.13 0.50 0.00	62.82 0.56 0.00	45.62 1.07 0.00	40.70 0.56 0.00	39.43 0.50 0.00	38.89 0.80 0.00	39.53 0.81 0.00	39.95 0.74 0.00	42.38 0.17 0.00	48.05 -0.63 0.00	61.83 -1.33 0.00	72.57 -1.48 0.00	68.89 -1.19 0.00	57.36 -1.23 0.00	50.38 -1.24 0.00	46.76 -0.28 0.00	43.90 -0.31 0.00
WHAVSTOR_138KV_BK127 55557	47.69 1.92 0.00	46.57 1.92 0.00	43.20 1.78 0.00	41.09 1.54 0.00	41.79 1.53 0.00	43.71 1.76 0.00	57.66 1.57 0.00	72.75 2.12 0.00	63.88 1.62 0.00	46.11 1.56 0.00	41.86 1.73 0.00	40.68 1.75 0.00	39.84 1.75 0.00	40.58 1.86 0.00	41.05 1.84 0.00	43.94 1.73 0.00	50.68 2.00 0.00	65.31 2.15 0.00	76.79 2.74 0.00	72.46 2.38 0.00	60.47 1.88 0.00	53.53 1.91 0.00	48.59 1.55 0.00	45.84 1.64 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.69 1.92 0.00	46.57 1.92 0.00	43.20 1.78 0.00	41.09 1.54 0.00	41.79 1.53 0.00	43.71 1.76 0.00	57.66 1.57 0.00	72.75 2.12 0.00	63.88 1.62 0.00	46.11 1.56 0.00	41.86 1.73 0.00	40.68 1.75 0.00	39.84 1.75 0.00	40.58 1.86 0.00	41.05 1.84 0.00	43.94 1.73 0.00	50.68 2.00 0.00	65.31 2.15 0.00	76.79 2.74 0.00	72.46 2.38 0.00	60.47 1.88 0.00	53.53 1.91 0.00	48.59 1.55 0.00	45.84 1.64 0.00
WHITEHAL_115KV_TB1 80871	47.97 2.20 0.00	46.66 2.01 0.00	43.33 1.91 0.00	41.37 1.82 0.00	41.95 1.69 0.00	43.88 1.93 0.00	58.39 2.30 0.00	74.02 3.39 0.00	64.57 2.30 0.00	45.48 0.94 0.00	40.74 0.60 0.00	39.24 0.31 0.00	38.28 0.19 0.00	38.99 0.27 0.00	39.60 0.39 0.00	43.10 0.89 0.00	50.15 1.46 0.00	66.01 2.84 0.00	77.75 3.70 0.00	73.37 3.29 0.00	61.23 2.64 0.00	53.69 2.06 0.00	49.06 2.02 0.00	46.11 1.90 0.00
WHITEPLN_13_KV_LOAD 356215	48.15 2.38 0.00	47.02 2.37 0.00	43.62 2.20 0.00	41.48 1.94 0.00	42.19 1.93 0.00	44.09 2.14 0.00	58.28 2.19 0.00	73.53 2.90 0.00	64.69 2.43 0.00	46.64 2.09 0.00	42.35 2.21 0.00	41.15 2.22 0.00	40.34 2.25 0.00	41.08 2.36 0.00	41.56 2.35 0.00	44.49 2.28 0.00	51.36 2.68 0.00	66.13 2.97 0.00	77.82 3.78 0.00	73.37 3.29 0.00	61.23 2.64 0.00	54.15 2.53 0.00	49.11 2.07 0.00	46.33 2.12 0.00
WM_FLOYD_69_KV_BK2 356380	47.00 1.24 0.00	45.36 0.71 0.00	42.25 0.83 0.00	40.06 0.51 0.00	40.74 0.48 0.00	42.45 0.50 0.00	45.38 -0.62 10.09	48.67 -0.49 21.47	43.99 -0.75 17.52	35.47 0.09 9.17	41.21 1.12 0.05	38.55 0.97 1.36	39.08 0.99 0.00	39.91 1.20 0.00	40.49 1.29 0.00	43.56 1.35 0.00	49.30 0.63 0.02	63.59 0.44 0.02	74.85 0.81 0.02	70.56 0.49 0.02	58.87 0.29 0.02	52.23 0.62 0.02	46.31 0.05 0.78	44.47 0.27 0.00
WOODARD__115KV_TB2 355635	45.41 -0.55 -0.19	44.12 -0.63 -0.10	40.88 -0.54 0.00	39.07 -0.47 0.00	39.78 -0.48 0.00	41.44 -0.50 0.00	55.48 -0.62 0.00	69.85 -0.78 0.00	61.83 -0.44 0.00	44.28 -0.27 0.00	39.86 -0.28 0.00	38.58 -0.35 0.00	37.75 -0.34 0.00	38.45 -0.27 0.00	38.85 -0.35 0.00	41.79 -0.42 0.00	48.20 -0.49 0.00	62.41 -0.76 0.00	73.57 -0.81 -0.34	69.24 -0.84 0.00	57.83 -0.76 0.00	51.00 -0.62 0.00	46.43 -0.61 0.00	43.54 -0.66 0.00
WOODMERE_69_KV_BK1 55827	48.25 2.43 -0.05	46.63 1.92 -0.05	43.36 1.91 -0.04	41.17 1.62 0.00	41.87 1.61 0.00	43.62 1.68 0.00	56.43 1.12 0.79	70.12 1.62 2.14	62.15 1.25 1.36	46.02 1.47 0.00	42.52 2.33 -0.05	41.12 2.14 -0.05	40.32 2.17 -0.05	41.13 2.36 -0.05	41.65 2.39 -0.05	44.76 2.49 -0.05	50.67 2.00 0.01	65.30 2.15 0.01	76.85 2.81 0.01	72.53 2.45 0.01	60.52 1.93 0.01	53.63 2.01 0.01	48.37 1.41 0.08	45.80 1.59 0.00
YORK___WARBASSE 23770	48.57 2.79 -0.01	47.34 2.68 -0.01	43.87 2.44 -0.01	41.77 2.21 -0.01	42.48 2.21 -0.01	44.47 2.52 -0.01	58.51 2.41 -0.01	73.82 3.18 -0.01	64.82 2.55 0.00	46.91 2.36 0.00	42.59 2.45 -0.01	41.39 2.45 -0.01	40.54 2.44 -0.01	41.28 2.56 -0.01	41.80 2.59 -0.01	44.75 2.53 -0.01	51.61 2.92 -0.01	66.45 3.28 0.00	77.98 3.92 -0.01	73.59 3.50 -0.01	61.47 2.87 0.00	54.47 2.84 -0.01	49.49 2.45 -0.01	46.69 2.48 -0.01