

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/21/2025

ALBANY___2 23572	54.69 0.32 0.00	42.37 0.52 0.00	38.27 0.58 0.00	35.27 0.63 0.00	33.70 0.63 0.00	37.25 0.53 0.00	41.24 0.36 0.00	50.67 0.23 0.00	45.88 0.24 0.00	42.39 0.18 0.00	49.07 0.17 0.00	48.64 0.33 0.02	51.45 0.16 0.00	51.46 0.20 0.00	49.74 0.42 0.01	50.76 0.43 0.00	45.13 0.44 0.07	51.09 0.39 0.00	68.43 0.32 0.00	65.19 0.45 0.00	64.47 0.38 0.00	56.28 0.14 0.00	49.60 0.14 0.00	37.92 0.33 0.00
ALBANY___3 23573	54.69 0.32 0.00	42.37 0.52 0.00	38.27 0.58 0.00	35.27 0.63 0.00	33.70 0.63 0.00	37.25 0.53 0.00	41.24 0.36 0.00	50.67 0.23 0.00	45.88 0.24 0.00	42.39 0.18 0.00	49.07 0.17 0.00	48.64 0.33 0.02	51.45 0.16 0.00	51.46 0.20 0.00	49.74 0.42 0.01	50.76 0.43 0.00	45.13 0.44 0.07	51.09 0.39 0.00	68.43 0.32 0.00	65.19 0.45 0.00	64.47 0.38 0.00	56.28 0.14 0.00	49.60 0.14 0.00	37.92 0.33 0.00
ALBANY___4 23574	54.69 0.32 0.00	42.37 0.52 0.00	38.27 0.58 0.00	35.27 0.63 0.00	33.70 0.63 0.00	37.25 0.53 0.00	41.24 0.36 0.00	50.67 0.23 0.00	45.88 0.24 0.00	42.39 0.18 0.00	49.07 0.17 0.00	48.64 0.33 0.02	51.45 0.16 0.00	51.46 0.20 0.00	49.74 0.42 0.01	50.76 0.43 0.00	45.13 0.44 0.07	51.09 0.39 0.00	68.43 0.32 0.00	65.19 0.45 0.00	64.47 0.38 0.00	56.28 0.14 0.00	49.60 0.14 0.00	37.92 0.33 0.00
ALBANY___LFGE 323615	55.33 0.96 0.00	42.85 1.00 0.00	38.68 0.98 0.00	35.62 0.98 0.00	34.04 0.97 0.00	37.65 0.92 0.00	41.70 0.82 0.00	51.26 0.82 0.00	46.42 0.78 0.00	42.87 0.66 0.00	49.65 0.75 0.00	49.19 0.88 0.02	52.06 0.77 0.00	52.09 0.83 0.00	50.33 1.01 0.01	51.37 1.04 0.00	45.66 0.96 0.07	51.73 1.02 0.00	69.30 1.19 0.00	66.00 1.26 0.00	65.25 1.16 0.00	56.95 0.81 0.00	50.16 0.69 0.00	38.32 0.73 0.00
ALCOA_PA_115KV_PL-6C 55860	55.30 0.93 0.00	42.34 0.49 0.00	38.04 0.34 0.00	34.86 0.22 0.00	33.27 0.21 0.00	37.05 0.32 0.00	41.31 0.43 0.00	51.17 0.73 0.00	45.99 0.35 0.00	42.46 0.25 0.00	49.13 0.23 0.00	48.17 -0.16 0.00	51.39 0.10 0.00	51.50 0.23 0.00	49.14 -0.19 0.00	50.14 -0.18 0.00	44.54 -0.22 0.00	50.66 -0.04 0.00	68.45 0.34 0.00	65.01 0.27 0.00	64.64 0.55 0.00	56.93 0.79 0.00	50.07 0.60 0.00	37.95 0.36 0.00
ALCOA_RYNLDS___DRP 24188	55.30 0.93 0.00	42.34 0.49 0.00	38.04 0.34 0.00	34.86 0.22 0.00	33.27 0.21 0.00	37.05 0.32 0.00	41.31 0.43 0.00	51.17 0.73 0.00	45.99 0.35 0.00	42.46 0.25 0.00	49.13 0.23 0.00	48.17 -0.16 0.00	51.39 0.10 0.00	51.50 0.23 0.00	49.14 -0.19 0.00	50.14 -0.18 0.00	44.54 -0.22 0.00	50.66 -0.04 0.00	68.45 0.34 0.00	65.01 0.27 0.00	64.64 0.55 0.00	56.93 0.79 0.00	50.07 0.60 0.00	37.95 0.36 0.00
ALCOA___DSASP 323711	55.30 0.93 0.00	42.34 0.49 0.00	38.04 0.34 0.00	34.86 0.22 0.00	33.28 0.21 0.00	37.05 0.33 0.00	41.30 0.43 0.00	51.17 0.73 0.00	45.99 0.35 0.00	42.46 0.25 0.00	49.13 0.23 0.00	48.17 -0.16 0.00	51.39 0.10 0.00	51.50 0.23 0.00	49.14 -0.19 0.00	50.14 -0.18 0.00	44.54 -0.21 0.00	50.66 -0.04 0.00	68.45 0.34 0.00	65.01 0.27 0.00	64.64 0.55 0.00	56.93 0.79 0.00	50.07 0.60 0.00	37.95 0.36 0.00
ALLEGHENY___COGEN 23514	55.21 0.83 0.00	42.48 0.63 0.00	38.09 0.40 0.00	35.17 0.53 0.00	33.78 0.72 0.00	37.97 1.25 0.00	42.24 1.36 0.00	51.29 0.85 0.00	46.44 0.79 0.00	42.97 0.76 0.00	49.25 0.35 0.00	47.84 -0.49 0.00	51.56 0.27 0.00	50.99 -0.27 0.00	48.46 -0.88 0.00	48.42 -1.90 0.00	42.79 -1.98 0.00	49.19 -1.52 0.00	65.63 -2.49 0.00	63.97 -0.78 0.00	64.34 0.25 0.00	56.32 0.18 0.00	49.35 -0.12 0.00	38.52 0.93 0.00
ALTAMONT_115KV_TB 2 55880	55.33 0.96 0.00	42.79 0.94 0.00	38.61 0.91 0.00	35.54 0.90 0.00	33.94 0.87 0.00	37.57 0.84 0.00	41.70 0.82 0.00	51.24 0.80 0.00	46.36 0.72 0.00	42.83 0.62 0.00	49.62 0.72 0.00	49.17 0.86 0.02	52.07 0.78 0.00	52.07 0.81 0.00	50.32 0.99 0.01	51.32 1.00 0.00	45.61 0.92 0.07	51.67 0.96 0.00	69.22 1.11 0.00	65.95 1.20 0.00	65.24 1.15 0.00	57.00 0.86 0.00	50.26 0.79 0.00	38.31 0.72 0.00
ALTONA_WT_PWR 323606	55.50 1.13 0.00	42.70 0.85 0.00	38.33 0.64 0.00	35.08 0.45 0.00	33.45 0.39 0.00	37.16 0.44 0.00	41.65 0.78 0.00	52.23 1.79 0.00	46.88 1.24 0.00	43.26 1.05 0.00	50.08 1.18 0.00	49.15 0.82 0.00	52.44 1.15 0.00	52.54 1.28 0.00	50.36 1.02 0.00	51.38 1.06 0.00	45.53 0.77 0.00	51.96 1.26 0.00	69.73 1.62 0.00	66.49 1.75 0.00	66.26 2.17 0.00	57.89 1.75 0.00	50.99 1.52 0.00	38.82 1.23 0.00
AMERICAN_REF_FUEL 24010	51.31 -3.06 0.00	39.70 -2.15 0.00	35.61 -2.08 0.00	32.81 -1.82 0.00	31.49 -1.58 0.00	35.32 -1.40 0.00	38.67 -2.21 0.00	46.61 -3.83 0.00	42.37 -3.27 0.00	39.56 -2.65 0.00	45.65 -3.25 0.00	44.22 -4.11 0.00	47.94 -3.35 0.00	47.46 -3.80 0.00	44.97 -4.37 0.00	45.84 -4.48 0.00	40.78 -3.98 0.00	47.15 -3.56 0.00	62.64 -5.47 0.00	59.81 -4.93 0.00	59.27 -4.82 0.00	51.61 -4.53 0.00	45.54 -3.93 0.00	35.49 -2.10 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	52.57 -1.80 0.00	40.62 -1.24 0.00	36.69 -1.00 0.00	33.96 -0.68 0.00	32.53 -0.54 0.00	36.48 -0.24 0.00	40.33 -0.55 0.00	48.90 -1.54 0.00	44.58 -1.06 0.00	41.67 -0.54 0.00	48.36 -0.54 0.00	46.80 -1.53 0.00	50.83 -0.46 0.00	50.19 -1.07 0.00	47.89 -1.44 0.00	48.62 -1.70 0.00	43.23 -1.53 0.00	50.04 -0.67 0.00	66.40 -1.70 0.00	63.37 -1.38 0.00	62.68 -1.41 0.00	54.33 -1.81 0.00	47.67 -1.80 0.00	36.83 -0.75 0.00
ARTHUR KILL_GT_1 23520	57.62 3.25 0.00	44.43 2.58 0.00	40.00 2.31 0.00	36.74 2.10 0.00	35.02 1.96 0.00	38.68 1.96 0.00	43.25 2.37 0.00	55.31 2.63 -2.24	53.35 2.84 -4.86	50.42 2.87 -5.34	53.36 3.61 -0.85	52.08 3.95 0.20	54.44 3.92 0.77	54.34 3.80 0.72	53.60 4.31 0.05	54.60 4.28 0.01	50.09 3.99 -1.34	54.55 3.84 0.00	72.57 4.45 0.00	69.41 4.66 0.00	68.12 4.03 0.00	59.46 3.32 0.00	52.88 3.41 0.00	40.51 2.92 0.00
ARTHUR_KILL_2 23512	57.39 3.02 0.00	44.26 2.41 0.00	39.86 2.17 0.00	36.60 1.96 0.00	34.90 1.83 0.00	38.54 1.82 0.00	43.08 2.20 0.00	55.10 2.42 -2.24	53.17 2.66 -4.86	50.26 2.70 -5.34	53.17 3.43 -0.85	51.91 3.78 0.20	54.24 3.72 0.77	54.15 3.61 0.72	53.40 4.11 0.05	54.40 4.08 0.01	49.90 3.80 -1.34	54.32 3.62 0.00	72.28 4.17 0.00	69.11 4.36 0.00	67.82 3.73 0.00	59.20 3.06 0.00	52.67 3.21 0.00	40.36 2.77 0.00
ARTHUR_KILL_3 23513	57.31 2.94 0.00	44.36 2.51 0.00	39.88 2.18 0.00	36.65 2.02 0.00	34.94 1.87 0.00	38.54 1.82 0.00	43.01 2.13 0.00	55.07 2.39 -2.25	53.19 2.68 -4.87	50.37 2.80 -5.35	53.37 3.62 -0.85	51.98 3.85 0.19	55.09 3.90 0.10	54.58 3.89 0.57	53.52 4.23 0.04	54.49 4.16 0.00	50.00 3.90 -1.34	54.64 3.94 0.00	72.46 4.35 0.00	68.96 4.21 0.00	67.63 3.54 0.00	59.03 2.89 0.00	52.47 3.00 0.00	40.00 2.41 0.00

ARTHUR_KILL_COGEN 323718	57.63 3.25 0.00	44.43 2.58 0.00	40.02 2.32 0.00	36.74 2.10 0.00	35.02 1.96 0.00	38.68 1.96 0.00	43.25 2.37 0.00	55.31 2.62 -2.24	53.35 2.84 -4.86	50.42 2.87 -5.34	53.36 3.61 -0.85	52.09 3.96 0.20	54.45 3.93 0.77	54.34 3.80 0.72	53.59 4.31 0.05	54.60 4.28 0.01	50.09 3.99 -1.34	54.55 3.84 0.00	72.57 4.45 0.00	69.42 4.67 0.00	68.12 4.03 0.00	59.45 3.31 0.00	52.87 3.40 0.00	40.51 2.92 0.00
ASHOKAN____ 23654	56.99 2.62 0.00	43.93 2.07 0.00	39.49 1.80 0.00	36.32 1.69 0.00	34.67 1.60 0.00	38.30 1.57 0.00	42.64 1.76 0.00	52.47 2.03 0.00	47.36 1.72 0.00	43.78 1.57 0.00	50.74 1.84 0.00	50.40 2.07 0.00	53.33 2.04 0.00	53.18 1.92 0.00	51.59 2.26 0.00	52.68 2.36 0.00	47.13 2.37 0.00	53.20 2.50 0.00	71.39 3.28 0.00	68.26 3.51 0.00	67.37 3.28 0.00	58.62 2.48 0.00	51.56 2.10 0.00	39.17 1.59 0.00
ASTORIA_EAST_ENERGY_CC1 323581	57.72 3.34 0.00	44.52 2.67 0.00	40.08 2.39 0.00	36.76 2.13 0.00	35.05 1.99 0.00	38.72 2.00 0.00	43.26 2.38 0.00	55.40 2.71 -2.24	53.48 2.97 -4.86	50.54 2.99 -5.34	53.57 3.82 -0.85	52.83 4.15 -0.35	55.42 4.13 0.00	55.30 4.04 0.00	54.01 4.45 -0.23	54.70 4.38 0.00	50.05 3.95 -1.34	54.50 3.80 0.00	72.36 4.25 0.00	69.08 4.34 0.00	67.83 3.74 0.00	59.31 3.17 0.00	52.76 3.30 0.00	40.16 2.57 0.00
ASTORIA_EAST_ENERGY_CC2 323582	57.72 3.34 0.00	44.52 2.67 0.00	40.08 2.39 0.00	36.76 2.13 0.00	35.05 1.99 0.00	38.72 2.00 0.00	43.26 2.38 0.00	55.40 2.71 -2.24	53.48 2.97 -4.86	50.54 2.99 -5.34	53.57 3.82 -0.85	52.83 4.15 -0.35	55.42 4.13 0.00	55.30 4.04 0.00	54.01 4.45 -0.23	54.70 4.38 0.00	50.05 3.95 -1.34	54.50 3.80 0.00	72.36 4.25 0.00	69.08 4.34 0.00	67.83 3.74 0.00	59.31 3.17 0.00	52.76 3.30 0.00	40.16 2.57 0.00
ASTORIA_GT2_1 24094	57.73 3.36 0.00	44.55 2.69 0.00	40.09 2.39 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.75 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.59 3.84 -0.85	52.84 4.16 -0.34	55.45 4.16 0.00	55.33 4.07 0.00	54.04 4.48 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.11 4.37 0.00	67.87 3.79 0.00	59.35 3.20 0.00	52.80 3.33 0.00	40.18 2.59 0.00
ASTORIA_GT2_2 24095	57.73 3.36 0.00	44.55 2.69 0.00	40.09 2.39 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.75 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.59 3.84 -0.85	52.84 4.16 -0.34	55.45 4.16 0.00	55.33 4.07 0.00	54.04 4.48 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.11 4.37 0.00	67.87 3.79 0.00	59.35 3.20 0.00	52.80 3.33 0.00	40.18 2.59 0.00
ASTORIA_GT2_3 24096	57.73 3.36 0.00	44.55 2.69 0.00	40.09 2.39 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.75 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.59 3.84 -0.85	52.84 4.16 -0.34	55.45 4.16 0.00	55.33 4.07 0.00	54.04 4.48 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.11 4.37 0.00	67.87 3.79 0.00	59.35 3.20 0.00	52.80 3.33 0.00	40.18 2.59 0.00
ASTORIA_GT2_4 24097	57.73 3.36 0.00	44.55 2.69 0.00	40.09 2.39 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.75 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.59 3.84 -0.85	52.84 4.16 -0.34	55.45 4.16 0.00	55.33 4.07 0.00	54.04 4.48 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.11 4.37 0.00	67.87 3.79 0.00	59.35 3.20 0.00	52.80 3.33 0.00	40.18 2.59 0.00
ASTORIA_GT3_1 24098	57.73 3.36 0.00	44.55 2.69 0.00	40.09 2.39 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.75 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.59 3.84 -0.85	52.84 4.16 -0.34	55.45 4.16 0.00	55.33 4.07 0.00	54.04 4.48 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.11 4.37 0.00	67.87 3.79 0.00	59.35 3.20 0.00	52.80 3.33 0.00	40.18 2.59 0.00
ASTORIA_GT3_2 24099	57.73 3.36 0.00	44.55 2.69 0.00	40.09 2.39 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.75 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.59 3.84 -0.85	52.84 4.16 -0.34	55.45 4.16 0.00	55.33 4.07 0.00	54.04 4.48 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.11 4.37 0.00	67.87 3.79 0.00	59.35 3.20 0.00	52.80 3.33 0.00	40.18 2.59 0.00
ASTORIA_GT3_3 24100	57.73 3.36 0.00	44.55 2.69 0.00	40.09 2.39 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.75 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.59 3.84 -0.85	52.84 4.16 -0.34	55.45 4.16 0.00	55.33 4.07 0.00	54.04 4.48 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.11 4.37 0.00	67.87 3.79 0.00	59.35 3.20 0.00	52.80 3.33 0.00	40.18 2.59 0.00
ASTORIA_GT3_4 24101	57.73 3.36 0.00	44.55 2.69 0.00	40.09 2.39 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.75 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.59 3.84 -0.85	52.84 4.16 -0.34	55.45 4.16 0.00	55.33 4.07 0.00	54.04 4.48 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.11 4.37 0.00	67.87 3.79 0.00	59.35 3.20 0.00	52.80 3.33 0.00	40.18 2.59 0.00
ASTORIA_GT4_1 24102	57.73 3.36 0.00	44.55 2.69 0.00	40.09 2.39 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.75 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.59 3.84 -0.85	52.84 4.16 -0.34	55.45 4.16 0.00	55.33 4.07 0.00	54.04 4.48 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.11 4.37 0.00	67.87 3.79 0.00	59.35 3.20 0.00	52.80 3.33 0.00	40.18 2.59 0.00
ASTORIA_GT4_2 24103	57.73 3.36 0.00	44.55 2.69 0.00	40.09 2.39 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.75 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.59 3.84 -0.85	52.84 4.16 -0.34	55.45 4.16 0.00	55.33 4.07 0.00	54.04 4.48 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.11 4.37 0.00	67.87 3.79 0.00	59.35 3.20 0.00	52.80 3.33 0.00	40.18 2.59 0.00
ASTORIA_GT4_3 24104	57.73 3.36 0.00	44.55 2.69 0.00	40.09 2.39 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.75 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.59 3.84 -0.85	52.84 4.16 -0.34	55.45 4.16 0.00	55.33 4.07 0.00	54.04 4.48 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.11 4.37 0.00	67.87 3.79 0.00	59.35 3.20 0.00	52.80 3.33 0.00	40.18 2.59 0.00

ASTORIA_GT4_4 24105	57.73 3.36 0.00	44.55 2.69 0.00	40.09 2.39 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.75 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.59 3.84 -0.85	52.84 4.16 -0.34	55.45 4.16 0.00	55.33 4.07 0.00	54.04 4.48 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.11 4.37 0.00	67.87 3.79 0.00	59.35 3.20 0.00	52.80 3.33 0.00	40.18 2.59 0.00
ASTORIA_GT_1 23523	57.87 3.49 0.00	44.63 2.78 0.00	40.17 2.47 0.00	36.86 2.22 0.00	35.13 2.07 0.00	38.82 2.09 0.00	43.36 2.48 0.00	55.53 2.85 -2.24	53.61 3.11 -4.86	50.66 3.11 -5.34	53.71 3.96 -0.85	52.97 4.30 -0.34	55.61 4.32 0.00	55.47 4.21 0.00	54.18 4.62 -0.23	54.88 4.56 0.00	50.20 4.10 -1.34	54.69 3.99 0.00	72.59 4.48 0.00	69.30 4.55 0.00	68.04 3.95 0.00	59.48 3.34 0.00	52.91 3.44 0.00	40.28 2.69 0.00
ASTORIA_GT_10 24110	57.45 3.08 0.00	44.45 2.60 0.00	39.98 2.28 0.00	36.71 2.07 0.00	35.01 1.94 0.00	38.68 1.96 0.00	43.23 2.35 0.00	55.38 2.70 -2.24	53.49 2.99 -4.86	50.61 3.05 -5.34	53.64 3.89 -0.85	52.87 4.20 -0.34	55.48 4.19 0.00	55.33 4.07 0.00	54.00 4.44 -0.23	54.68 4.36 0.00	50.14 4.03 -1.34	54.57 3.86 0.00	72.30 4.19 0.00	68.94 4.19 0.00	67.65 3.57 0.00	59.17 3.03 0.00	52.68 3.21 0.00	40.18 2.59 0.00
ASTORIA_GT_11 24225	57.45 3.08 0.00	44.45 2.60 0.00	39.98 2.28 0.00	36.71 2.07 0.00	35.01 1.94 0.00	38.68 1.96 0.00	43.23 2.35 0.00	55.38 2.70 -2.24	53.49 2.99 -4.86	50.61 3.05 -5.34	53.64 3.89 -0.85	52.87 4.20 -0.34	55.48 4.19 0.00	55.33 4.07 0.00	54.00 4.44 -0.23	54.68 4.36 0.00	50.14 4.03 -1.34	54.57 3.86 0.00	72.30 4.19 0.00	68.94 4.19 0.00	67.65 3.57 0.00	59.17 3.03 0.00	52.68 3.21 0.00	40.18 2.59 0.00
ASTORIA_GT_12 24226	57.45 3.08 0.00	44.45 2.60 0.00	39.98 2.28 0.00	36.71 2.07 0.00	35.01 1.94 0.00	38.68 1.96 0.00	43.23 2.35 0.00	55.38 2.70 -2.24	53.49 2.99 -4.86	50.61 3.05 -5.34	53.64 3.89 -0.85	52.87 4.20 -0.34	55.48 4.19 0.00	55.33 4.07 0.00	54.00 4.44 -0.23	54.68 4.36 0.00	50.14 4.03 -1.34	54.57 3.86 0.00	72.30 4.19 0.00	68.94 4.19 0.00	67.65 3.57 0.00	59.17 3.03 0.00	52.68 3.21 0.00	40.18 2.59 0.00
ASTORIA_GT_13 24227	57.45 3.08 0.00	44.45 2.60 0.00	39.98 2.28 0.00	36.71 2.07 0.00	35.01 1.94 0.00	38.68 1.96 0.00	43.23 2.35 0.00	55.38 2.70 -2.24	53.49 2.99 -4.86	50.61 3.05 -5.34	53.64 3.89 -0.85	52.87 4.20 -0.34	55.48 4.19 0.00	55.33 4.07 0.00	54.00 4.44 -0.23	54.68 4.36 0.00	50.14 4.03 -1.34	54.57 3.86 0.00	72.30 4.19 0.00	68.94 4.19 0.00	67.65 3.57 0.00	59.17 3.03 0.00	52.68 3.21 0.00	40.18 2.59 0.00
ASTORIA_GT_5 24106	57.87 3.49 0.00	44.63 2.78 0.00	40.17 2.47 0.00	36.86 2.22 0.00	35.13 2.07 0.00	38.82 2.09 0.00	43.36 2.48 0.00	55.53 2.85 -2.24	53.61 3.11 -4.86	50.66 3.11 -5.34	53.71 3.96 -0.85	52.97 4.30 -0.34	55.61 4.32 0.00	55.47 4.21 0.00	54.18 4.62 -0.23	54.88 4.56 0.00	50.20 4.10 -1.34	54.69 3.99 0.00	72.59 4.48 0.00	69.30 4.55 0.00	68.04 3.95 0.00	59.48 3.34 0.00	52.91 3.44 0.00	40.28 2.69 0.00
ASTORIA_GT_7 24107	57.87 3.49 0.00	44.63 2.78 0.00	40.17 2.47 0.00	36.86 2.22 0.00	35.13 2.07 0.00	38.82 2.09 0.00	43.36 2.48 0.00	55.53 2.85 -2.24	53.61 3.11 -4.86	50.66 3.11 -5.34	53.71 3.96 -0.85	52.97 4.30 -0.34	55.61 4.32 0.00	55.47 4.21 0.00	54.18 4.62 -0.23	54.88 4.56 0.00	50.20 4.10 -1.34	54.69 3.99 0.00	72.59 4.48 0.00	69.30 4.55 0.00	68.04 3.95 0.00	59.48 3.34 0.00	52.91 3.44 0.00	40.28 2.69 0.00
ASTORIA_GT_8 24108	57.87 3.49 0.00	44.63 2.78 0.00	40.17 2.47 0.00	36.86 2.22 0.00	35.13 2.07 0.00	38.82 2.09 0.00	43.36 2.48 0.00	55.53 2.85 -2.24	53.61 3.11 -4.86	50.66 3.11 -5.34	53.71 3.96 -0.85	52.97 4.30 -0.34	55.61 4.32 0.00	55.47 4.21 0.00	54.18 4.62 -0.23	54.88 4.56 0.00	50.20 4.10 -1.34	54.69 3.99 0.00	72.59 4.48 0.00	69.30 4.55 0.00	68.04 3.95 0.00	59.48 3.34 0.00	52.91 3.44 0.00	40.28 2.69 0.00
ASTORIA___2 24149	57.74 3.37 0.00	44.54 2.69 0.00	40.10 2.41 0.00	36.78 2.15 0.00	35.07 2.00 0.00	38.74 2.02 0.00	43.28 2.40 0.00	55.43 2.74 -2.24	53.51 3.01 -4.86	50.56 3.01 -5.34	53.58 3.83 -0.85	52.86 4.19 -0.35	55.46 4.16 0.00	55.33 4.07 0.00	54.04 4.47 -0.23	54.73 4.41 0.00	50.07 3.97 -1.34	54.54 3.83 0.00	72.40 4.29 0.00	69.12 4.37 0.00	67.87 3.78 0.00	59.33 3.19 0.00	52.80 3.33 0.00	40.17 2.59 0.00
ASTORIA___3 23516	57.46 3.09 0.00	44.46 2.61 0.00	39.98 2.29 0.00	36.71 2.07 0.00	35.00 1.94 0.00	38.68 1.96 0.00	43.22 2.35 0.00	55.38 2.69 -2.24	53.48 2.98 -4.86	50.60 3.05 -5.34	53.64 3.88 -0.85	52.89 4.22 -0.35	55.48 4.18 0.00	55.34 4.08 0.00	54.00 4.44 -0.23	54.68 4.36 0.00	50.13 4.03 -1.34	54.57 3.87 0.00	72.30 4.19 0.00	68.94 4.19 0.00	67.65 3.56 0.00	59.16 3.02 0.00	52.68 3.21 0.00	40.17 2.59 0.00
ASTORIA___4 23517	57.45 3.08 0.00	44.45 2.60 0.00	39.98 2.28 0.00	36.71 2.07 0.00	35.01 1.94 0.00	38.68 1.96 0.00	43.23 2.35 0.00	55.38 2.70 -2.24	53.49 2.99 -4.86	50.60 3.05 -5.34	53.63 3.88 -0.85	52.87 4.20 -0.34	55.48 4.19 0.00	55.33 4.07 0.00	54.00 4.44 -0.23	54.68 4.36 0.00	50.14 4.03 -1.34	54.57 3.86 0.00	72.30 4.19 0.00	68.94 4.19 0.00	67.65 3.57 0.00	59.17 3.03 0.00	52.68 3.21 0.00	40.18 2.59 0.00
ASTORIA___5 23518	57.46 3.09 0.00	44.46 2.61 0.00	39.98 2.29 0.00	36.71 2.07 0.00	35.00 1.94 0.00	38.68 1.96 0.00	43.22 2.35 0.00	55.38 2.69 -2.24	53.48 2.98 -4.86	50.60 3.05 -5.34	53.64 3.88 -0.85	52.89 4.22 -0.35	55.48 4.18 0.00	55.34 4.08 0.00	54.00 4.44 -0.23	54.68 4.36 0.00	50.13 4.03 -1.34	54.57 3.87 0.00	72.30 4.19 0.00	68.94 4.19 0.00	67.65 3.56 0.00	59.16 3.02 0.00	52.68 3.21 0.00	40.17 2.59 0.00
AST_ENERGY_2_CC3 323677	57.50 3.13 0.00	44.48 2.63 0.00	39.96 2.27 0.00	36.73 2.09 0.00	35.02 1.95 0.00	38.63 1.91 0.00	43.10 2.22 0.00	55.26 2.58 -2.25	53.34 2.83 -4.87	50.48 2.92 -5.35	53.53 3.77 -0.85	52.71 4.04 -0.34	55.38 4.09 0.00	55.36 4.10 0.00	54.00 4.44 -0.23	54.70 4.38 0.00	50.10 4.00 -1.34	54.82 4.11 0.00	72.75 4.64 0.00	69.17 4.43 0.00	67.88 3.79 0.00	59.21 3.07 0.00	52.62 3.15 0.00	40.08 2.49 0.00
AST_ENERGY_2_CC4 323678	57.50 3.13 0.00	44.48 2.63 0.00	39.96 2.27 0.00	36.73 2.09 0.00	35.02 1.95 0.00	38.63 1.91 0.00	43.10 2.22 0.00	55.26 2.58 -2.25	53.34 2.83 -4.87	50.48 2.92 -5.35	53.53 3.77 -0.85	52.71 4.04 -0.34	55.38 4.09 0.00	55.36 4.10 0.00	54.00 4.44 -0.23	54.70 4.38 0.00	50.10 4.00 -1.34	54.82 4.11 0.00	72.75 4.64 0.00	69.17 4.43 0.00	67.88 3.79 0.00	59.21 3.07 0.00	52.62 3.15 0.00	40.08 2.49 0.00

ATHENS_STG_1 23668	55.53 1.16 0.00	42.96 1.11 0.00	38.74 1.05 0.00	35.68 1.04 0.00	34.04 0.97 0.00	37.62 0.89 0.00	41.81 0.94 0.00	51.71 0.91 -0.36	47.34 0.93 -0.77	43.97 0.91 -0.85	50.24 1.20 -0.13	49.67 1.37 0.02	52.66 1.37 0.00	52.65 1.39 0.00	50.91 1.60 0.02	51.88 1.56 0.00	46.11 1.44 0.09	52.14 1.44 0.00	69.66 1.55 0.00	66.32 1.58 0.00	65.48 1.39 0.00	57.19 1.04 0.00	50.51 1.05 0.00	38.48 0.89 0.00
ATHENS_STG_2 23670	55.53 1.16 0.00	42.96 1.11 0.00	38.74 1.05 0.00	35.68 1.04 0.00	34.04 0.97 0.00	37.62 0.89 0.00	41.81 0.94 0.00	51.71 0.91 -0.36	47.34 0.93 -0.77	43.97 0.91 -0.85	50.24 1.20 -0.13	49.67 1.37 0.02	52.66 1.37 0.00	52.65 1.39 0.00	50.91 1.60 0.02	51.88 1.56 0.00	46.11 1.44 0.09	52.14 1.44 0.00	69.66 1.55 0.00	66.32 1.58 0.00	65.48 1.39 0.00	57.19 1.04 0.00	50.51 1.05 0.00	38.48 0.89 0.00
ATHENS_STG_3 23677	55.53 1.16 0.00	42.96 1.11 0.00	38.74 1.05 0.00	35.68 1.04 0.00	34.04 0.97 0.00	37.62 0.89 0.00	41.81 0.94 0.00	51.71 0.91 -0.36	47.34 0.93 -0.77	43.97 0.91 -0.85	50.24 1.20 -0.13	49.67 1.37 0.02	52.66 1.37 0.00	52.65 1.39 0.00	50.91 1.60 0.02	51.88 1.56 0.00	46.11 1.44 0.09	52.14 1.44 0.00	69.66 1.55 0.00	66.32 1.58 0.00	65.48 1.39 0.00	57.19 1.04 0.00	50.51 1.05 0.00	38.48 0.89 0.00
AUBURN___LFGE 323710	55.25 -0.08 -0.96	42.00 0.15 0.00	37.76 0.07 0.00	34.82 0.19 0.00	33.34 0.27 0.00	37.00 0.28 0.00	41.28 0.35 -0.05	51.16 0.04 -0.69	45.77 0.12 -0.01	42.25 0.04 0.00	48.85 -0.05 0.00	47.96 -0.37 0.00	50.99 -0.31 0.00	50.91 -0.35 0.00	48.95 -0.39 0.00	49.89 -0.43 0.00	44.42 -0.34 0.00	50.56 -0.15 0.00	68.12 -0.26 -0.27	65.18 0.21 -0.22	64.76 0.25 -0.42	56.26 0.12 0.00	49.48 0.02 0.00	37.66 0.07 0.00
BABYLON_RES_REC 323704	58.84 4.09 -0.37	46.94 3.71 -1.38	40.76 3.07 0.00	37.38 2.75 0.00	35.56 2.50 0.00	39.20 2.47 0.00	43.83 2.95 0.00	56.14 3.47 -2.24	54.06 3.58 -4.85	51.06 3.52 -5.33	55.13 4.52 -1.71	55.14 4.75 -2.06	56.73 4.45 -0.99	55.94 4.47 -0.21	60.69 4.56 -6.79	81.88 4.48 -27.07	53.09 3.76 -4.56	54.46 3.76 0.00	72.18 4.07 0.00	68.45 3.71 0.00	67.52 3.43 0.00	59.48 3.36 0.02	53.36 3.89 0.00	40.53 2.94 0.00
BALL_HILL_WT_PWR 323825	52.23 -2.14 0.00	40.37 -1.48 0.00	36.31 -1.39 0.00	33.53 -1.10 0.00	32.15 -0.92 0.00	36.04 -0.68 0.00	39.78 -1.10 0.00	48.14 -2.30 0.00	43.80 -1.84 0.00	40.89 -1.32 0.00	47.42 -1.48 0.00	46.00 -2.33 0.00	49.95 -1.34 0.00	49.35 -1.92 0.00	47.00 -2.33 0.00	47.81 -2.51 0.00	42.52 -2.24 0.00	49.13 -1.58 0.00	65.35 -2.76 0.00	62.43 -2.32 0.00	61.72 -2.37 0.00	53.65 -2.49 0.00	47.21 -2.26 0.00	36.50 -1.08 0.00
BARON_WINDS___WT_PWR 323822	52.63 -1.97 -0.23	40.47 -1.38 0.00	36.39 -1.31 0.00	33.70 -0.94 0.00	32.40 -0.67 0.00	36.28 -0.44 0.00	40.26 -0.62 0.00	48.95 -1.48 0.00	44.57 -1.07 0.00	41.38 -0.83 0.00	47.82 -1.07 0.00	46.77 -1.56 0.00	50.34 -0.95 0.00	49.76 -1.50 0.00	47.61 -1.73 0.00	48.29 -2.04 0.00	42.93 -1.83 0.00	49.23 -1.48 0.00	65.78 -2.33 0.00	63.22 -1.52 0.00	62.84 -1.25 0.00	54.82 -1.32 0.00	48.26 -1.20 0.00	37.07 -0.52 0.00
BARRETT_IC_1 23704	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	58.87 4.11 -4.44	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01
BARRETT_IC_10 23701	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	54.18 4.11 0.24	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01
BARRETT_IC_11 23702	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	54.18 4.11 0.24	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01
BARRETT_IC_12 23703	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	54.18 4.11 0.24	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01
BARRETT_IC_2 23705	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	58.87 4.11 -4.44	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01
BARRETT_IC_3 23706	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	58.87 4.11 -4.44	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01
BARRETT_IC_4 23707	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	58.87 4.11 -4.44	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01
BARRETT_IC_5 23708	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	58.87 4.11 -4.44	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01

BARRETT_IC_6 23709	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	58.87 4.11 -4.44	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01
BARRETT_IC_7 23710	58.39 3.64 -0.38	49.14 3.17 -4.12	40.37 2.67 0.00	37.08 2.45 0.00	35.32 2.25 0.00	38.95 2.23 0.00	43.51 2.64 0.00	55.65 2.97 -2.24	53.62 3.14 -4.85	50.67 3.13 -5.33	54.55 3.89 -1.77	55.25 4.09 -2.83	64.66 3.99 -9.38	55.43 3.91 -0.26	83.12 4.22 -29.56	58.87 4.11 -4.44	52.38 3.54 -4.07	54.35 3.65 0.00	72.34 4.23 0.00	68.68 3.93 0.00	67.43 3.34 0.00	59.04 2.90 -0.01	52.91 3.44 0.00	40.21 2.62 0.00
BARRETT_IC_8 23711	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	58.87 4.11 -4.44	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01
BARRETT_IC_9 23700	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	54.18 4.11 0.24	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01
BARRETT___1 23545	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	58.87 4.11 -4.44	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01
BARRETT___2 23546	58.39 3.63 -0.39	49.15 3.17 -4.12	40.38 2.68 -0.01	37.09 2.45 -0.01	35.32 2.25 -0.01	38.95 2.23 -0.01	43.51 2.64 0.00	55.65 2.97 -2.24	53.63 3.14 -4.85	50.67 3.13 -5.33	54.57 3.91 -1.77	55.26 4.11 -2.83	64.60 3.92 -9.38	55.43 3.90 -0.27	83.12 4.23 -29.56	54.18 4.11 0.24	52.38 3.54 -4.08	54.36 3.65 -0.01	72.34 4.23 -0.01	68.69 3.93 -0.01	67.44 3.34 -0.01	59.05 2.90 -0.02	52.91 3.43 -0.01	40.22 2.63 -0.01
BATAVIA__115KV_TB1 55881	53.59 -0.78 0.00	41.36 -0.49 0.00	37.08 -0.62 0.00	34.14 -0.49 0.00	32.75 -0.31 0.00	36.77 0.05 0.00	40.46 -0.42 0.00	49.08 -1.36 0.00	44.68 -0.96 0.00	41.83 -0.38 0.00	47.89 -1.01 0.00	46.64 -1.70 0.00	50.32 -0.98 0.00	49.90 -1.36 0.00	47.50 -1.83 0.00	48.33 -1.99 0.00	43.09 -1.67 0.00	49.64 -1.07 0.00	66.28 -1.82 0.00	63.76 -0.98 0.00	63.39 -0.70 0.00	55.21 -0.93 0.00	48.46 -1.01 0.00	37.35 -0.24 0.00
BAYONEEC___CTG1 323682	57.57 3.20 0.00	44.55 2.69 0.00	40.03 2.33 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.69 1.97 0.00	43.17 2.30 0.00	55.34 2.65 -2.25	53.42 2.91 -4.87	50.55 2.99 -5.35	53.61 3.85 -0.85	52.77 4.10 -0.34	55.43 4.14 0.00	55.41 4.15 0.00	54.06 4.50 -0.23	54.75 4.43 0.00	50.15 4.04 -1.34	54.84 4.13 0.00	72.76 4.65 0.00	69.23 4.48 0.00	67.91 3.82 0.00	59.26 3.12 0.00	52.68 3.21 0.00	40.13 2.55 0.00
BAYONEEC___CTG10 323750	57.57 3.20 0.00	44.55 2.69 0.00	40.03 2.33 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.69 1.97 0.00	43.17 2.30 0.00	55.34 2.65 -2.25	53.42 2.91 -4.87	50.55 2.99 -5.35	53.61 3.85 -0.85	52.77 4.10 -0.34	55.43 4.14 0.00	55.41 4.15 0.00	54.06 4.50 -0.23	54.75 4.43 0.00	50.15 4.04 -1.34	54.84 4.13 0.00	72.76 4.65 0.00	69.23 4.48 0.00	67.91 3.82 0.00	59.26 3.12 0.00	52.68 3.21 0.00	40.13 2.55 0.00
BAYONEEC___CTG2 323683	57.57 3.20 0.00	44.55 2.69 0.00	40.03 2.33 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.69 1.97 0.00	43.17 2.30 0.00	55.34 2.65 -2.25	53.42 2.91 -4.87	50.55 2.99 -5.35	53.61 3.85 -0.85	52.77 4.10 -0.34	55.43 4.14 0.00	55.41 4.15 0.00	54.06 4.50 -0.23	54.75 4.43 0.00	50.15 4.04 -1.34	54.84 4.13 0.00	72.76 4.65 0.00	69.23 4.48 0.00	67.91 3.82 0.00	59.26 3.12 0.00	52.68 3.21 0.00	40.13 2.55 0.00
BAYONEEC___CTG3 323684	57.57 3.20 0.00	44.55 2.69 0.00	40.03 2.33 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.69 1.97 0.00	43.17 2.30 0.00	55.34 2.65 -2.25	53.42 2.91 -4.87	50.55 2.99 -5.35	53.61 3.85 -0.85	52.77 4.10 -0.34	55.43 4.14 0.00	55.41 4.15 0.00	54.06 4.50 -0.23	54.75 4.43 0.00	50.15 4.04 -1.34	54.84 4.13 0.00	72.76 4.65 0.00	69.23 4.48 0.00	67.91 3.82 0.00	59.26 3.12 0.00	52.68 3.21 0.00	40.13 2.55 0.00
BAYONEEC___CTG4 323685	57.57 3.20 0.00	44.55 2.69 0.00	40.03 2.33 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.69 1.97 0.00	43.17 2.30 0.00	55.34 2.65 -2.25	53.42 2.91 -4.87	50.55 2.99 -5.35	53.61 3.85 -0.85	52.77 4.10 -0.34	55.43 4.14 0.00	55.41 4.15 0.00	54.06 4.50 -0.23	54.75 4.43 0.00	50.15 4.04 -1.34	54.84 4.13 0.00	72.76 4.65 0.00	69.23 4.48 0.00	67.91 3.82 0.00	59.26 3.12 0.00	52.68 3.21 0.00	40.13 2.55 0.00
BAYONEEC___CTG5 323686	57.57 3.20 0.00	44.55 2.69 0.00	40.03 2.33 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.69 1.97 0.00	43.17 2.30 0.00	55.34 2.65 -2.25	53.42 2.91 -4.87	50.55 2.99 -5.35	53.61 3.85 -0.85	52.77 4.10 -0.34	55.43 4.14 0.00	55.41 4.15 0.00	54.06 4.50 -0.23	54.75 4.43 0.00	50.15 4.04 -1.34	54.84 4.13 0.00	72.76 4.65 0.00	69.23 4.48 0.00	67.91 3.82 0.00	59.26 3.12 0.00	52.68 3.21 0.00	40.13 2.55 0.00
BAYONEEC___CTG6 323687	57.57 3.20 0.00	44.55 2.69 0.00	40.03 2.33 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.69 1.97 0.00	43.17 2.30 0.00	55.34 2.65 -2.25	53.42 2.91 -4.87	50.55 2.99 -5.35	53.61 3.85 -0.85	52.77 4.10 -0.34	55.43 4.14 0.00	55.41 4.15 0.00	54.06 4.50 -0.23	54.75 4.43 0.00	50.15 4.04 -1.34	54.84 4.13 0.00	72.76 4.65 0.00	69.23 4.48 0.00	67.91 3.82 0.00	59.26 3.12 0.00	52.68 3.21 0.00	40.13 2.55 0.00
BAYONEEC___CTG7 323688	57.57 3.20 0.00	44.55 2.69 0.00	40.03 2.33 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.69 1.97 0.00	43.17 2.30 0.00	55.34 2.65 -2.25	53.42 2.91 -4.87	50.55 2.99 -5.35	53.61 3.85 -0.85	52.77 4.10 -0.34	55.43 4.14 0.00	55.41 4.15 0.00	54.06 4.50 -0.23	54.75 4.43 0.00	50.15 4.04 -1.34	54.84 4.13 0.00	72.76 4.65 0.00	69.23 4.48 0.00	67.91 3.82 0.00	59.26 3.12 0.00	52.68 3.21 0.00	40.13 2.55 0.00

BAYONEEC___CTG8 323689	57.57 3.20 0.00	44.55 2.69 0.00	40.03 2.33 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.69 1.97 0.00	43.17 2.30 0.00	55.34 2.65 -2.25	53.42 2.91 -4.87	50.55 2.99 -5.35	53.61 3.85 -0.85	52.77 4.10 -0.34	55.43 4.14 0.00	55.41 4.15 0.00	54.06 4.50 -0.23	54.75 4.43 0.00	50.15 4.04 -1.34	54.84 4.13 0.00	72.76 4.65 0.00	69.23 4.48 0.00	67.91 3.82 0.00	59.26 3.12 0.00	52.68 3.21 0.00	40.13 2.55 0.00
BAYONEEC___CTG9 323749	57.57 3.20 0.00	44.55 2.69 0.00	40.03 2.33 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.69 1.97 0.00	43.17 2.30 0.00	55.34 2.65 -2.25	53.42 2.91 -4.87	50.55 2.99 -5.35	53.61 3.85 -0.85	52.77 4.10 -0.34	55.43 4.14 0.00	55.41 4.15 0.00	54.06 4.50 -0.23	54.75 4.43 0.00	50.15 4.04 -1.34	54.84 4.13 0.00	72.76 4.65 0.00	69.23 4.48 0.00	67.91 3.82 0.00	59.26 3.12 0.00	52.68 3.21 0.00	40.13 2.55 0.00
BEACON___LESR 323632	55.60 1.23 0.00	43.00 1.15 0.00	38.77 1.08 0.00	35.71 1.08 0.00	34.15 1.08 0.00	37.78 1.06 0.00	41.92 1.04 0.00	51.57 1.13 0.00	46.62 0.98 0.00	43.00 0.79 0.00	49.88 0.98 0.00	49.49 1.17 0.02	52.47 1.18 0.00	52.32 1.05 0.00	50.55 1.23 0.01	51.64 1.31 0.00	45.92 1.23 0.07	52.08 1.37 0.00	69.81 1.71 0.00	66.52 1.77 0.00	65.74 1.65 0.00	57.35 1.21 0.00	50.50 1.03 0.00	38.56 0.97 0.00
BEAVER RIVER___HYD 24048	56.86 2.01 -0.48	43.07 1.22 0.00	38.48 0.79 0.00	35.44 0.81 0.00	33.99 0.93 0.00	37.83 1.11 0.00	42.19 1.28 -0.03	52.53 1.60 -0.49	46.81 1.16 -0.01	42.76 0.54 0.00	49.14 0.24 0.00	48.25 -0.08 0.00	51.26 -0.03 0.00	51.43 0.17 0.00	49.38 0.05 0.00	50.39 0.06 0.00	44.86 0.10 0.00	51.12 0.41 0.00	69.45 1.13 -0.21	66.82 1.90 -0.17	67.11 2.70 -0.32	59.00 2.86 0.00	51.74 2.27 0.00	39.08 1.49 0.00
BEEBEE_GT_13 23619	53.31 -1.07 0.00	41.09 -0.76 0.00	36.91 -0.79 0.00	33.96 -0.67 0.00	32.53 -0.54 0.00	36.51 -0.21 0.00	40.48 -0.39 0.00	49.53 -0.91 0.00	44.99 -0.65 0.00	41.80 -0.41 0.00	48.33 -0.57 0.00	47.34 -0.99 0.00	50.74 -0.55 0.00	50.49 -0.77 0.00	48.26 -1.07 0.00	49.25 -1.08 0.00	43.86 -0.90 0.00	50.28 -0.42 0.00	67.22 -0.89 0.00	64.21 -0.54 0.00	63.51 -0.58 0.00	55.35 -0.79 0.00	48.63 -0.84 0.00	37.21 -0.37 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.16 3.79 0.00	44.87 3.02 0.00	40.36 2.66 0.00	37.04 2.40 0.00	35.31 2.25 0.00	39.02 2.29 0.00	43.63 2.75 0.00	55.84 3.16 -2.24	53.90 3.40 -4.86	51.00 3.45 -5.34	54.10 4.35 -0.85	53.37 4.69 -0.34	56.04 4.75 0.00	55.88 4.62 0.00	54.65 5.09 -0.23	55.41 5.08 0.00	50.74 4.63 -1.34	55.26 4.55 0.00	73.36 5.25 0.00	70.02 5.28 0.00	68.73 4.64 0.00	60.06 3.92 0.00	53.40 3.93 0.00	40.75 3.15 0.00
BETHLEHEM___GRP 23843	54.69 0.32 0.00	42.37 0.52 0.00	38.27 0.58 0.00	35.27 0.63 0.00	33.70 0.63 0.00	37.25 0.53 0.00	41.24 0.36 0.00	50.67 0.23 0.00	45.88 0.24 0.00	42.39 0.18 0.00	49.07 0.17 0.00	48.64 0.33 0.02	51.45 0.16 0.00	51.46 0.20 0.00	49.74 0.42 0.01	50.76 0.43 0.00	45.13 0.44 0.07	51.09 0.39 0.00	68.43 0.32 0.00	65.19 0.45 0.00	64.47 0.38 0.00	56.28 0.14 0.00	49.60 0.14 0.00	37.92 0.33 0.00
BETHLEHEM___GS1 323560	54.70 0.32 0.00	42.37 0.52 0.00	38.28 0.58 0.00	35.27 0.63 0.00	33.70 0.63 0.00	37.25 0.53 0.00	41.24 0.36 0.00	50.67 0.23 0.00	45.89 0.24 0.00	42.39 0.18 0.00	49.07 0.17 0.00	48.64 0.33 0.02	51.45 0.16 0.00	51.47 0.21 0.00	49.74 0.42 0.01	50.76 0.43 0.00	45.12 0.43 0.07	51.09 0.39 0.00	68.43 0.32 0.00	65.19 0.45 0.00	64.47 0.38 0.00	56.29 0.15 0.00	49.60 0.14 0.00	37.92 0.34 0.00
BETHLEHEM___GS2 323561	54.70 0.32 0.00	42.37 0.52 0.00	38.28 0.58 0.00	35.27 0.63 0.00	33.70 0.63 0.00	37.25 0.53 0.00	41.24 0.36 0.00	50.67 0.23 0.00	45.89 0.24 0.00	42.39 0.18 0.00	49.07 0.17 0.00	48.64 0.33 0.02	51.45 0.16 0.00	51.47 0.21 0.00	49.74 0.42 0.01	50.76 0.43 0.00	45.12 0.43 0.07	51.09 0.39 0.00	68.43 0.32 0.00	65.19 0.45 0.00	64.47 0.38 0.00	56.29 0.15 0.00	49.60 0.14 0.00	37.92 0.34 0.00
BETHLEHEM___GS3 323562	54.70 0.32 0.00	42.37 0.52 0.00	38.28 0.58 0.00	35.27 0.63 0.00	33.70 0.63 0.00	37.25 0.53 0.00	41.24 0.36 0.00	50.67 0.23 0.00	45.89 0.24 0.00	42.39 0.18 0.00	49.07 0.17 0.00	48.64 0.33 0.02	51.45 0.16 0.00	51.47 0.21 0.00	49.74 0.42 0.01	50.76 0.43 0.00	45.12 0.43 0.07	51.09 0.39 0.00	68.43 0.32 0.00	65.19 0.45 0.00	64.47 0.38 0.00	56.29 0.15 0.00	49.60 0.14 0.00	37.92 0.34 0.00
BETHLEHEM___STEEL 23779	52.24 -2.13 0.00	40.36 -1.49 0.00	36.23 -1.47 0.00	33.41 -1.23 0.00	32.04 -1.02 0.00	35.93 -0.79 0.00	39.60 -1.28 0.00	47.98 -2.46 0.00	43.70 -1.94 0.00	40.79 -1.42 0.00	47.23 -1.67 0.00	45.84 -2.49 0.00	49.72 -1.57 0.00	49.17 -2.09 0.00	46.72 -2.61 0.00	47.57 -2.75 0.00	42.31 -2.44 0.00	48.91 -1.80 0.00	64.98 -3.13 0.00	62.10 -2.65 0.00	61.44 -2.65 0.00	53.45 -2.69 0.00	47.04 -2.42 0.00	36.42 -1.17 0.00
BETHLHEM_115KV_TB1 79974	54.82 0.45 0.00	42.46 0.61 0.00	38.34 0.65 0.00	35.32 0.69 0.00	33.74 0.68 0.00	37.31 0.59 0.00	41.34 0.46 0.00	50.80 0.36 0.00	46.00 0.36 0.00	42.50 0.28 0.00	49.20 0.31 0.00	48.76 0.45 0.02	51.60 0.31 0.00	51.62 0.36 0.00	49.88 0.56 0.01	50.90 0.57 0.00	45.24 0.55 0.07	51.23 0.52 0.00	68.61 0.50 0.00	65.34 0.59 0.00	64.63 0.54 0.00	56.43 0.29 0.00	49.75 0.28 0.00	38.01 0.42 0.00
BETHPAGE_CC_5 323564	58.48 3.73 -0.37	46.71 3.38 -1.48	40.54 2.85 0.00	37.18 2.54 0.00	35.39 2.33 0.00	39.01 2.28 0.00	43.52 2.65 0.00	55.77 3.10 -2.24	53.77 3.28 -4.85	50.82 3.28 -5.33	54.84 4.23 -1.71	54.86 4.44 -2.09	56.83 4.24 -1.30	55.71 4.23 -0.22	60.67 4.60 -6.74	70.90 4.52 -16.06	53.35 3.84 -4.75	54.59 3.89 0.00	72.52 4.41 0.00	68.80 4.05 0.00	67.61 3.53 0.00	59.17 3.04 0.01	52.98 3.52 0.00	40.27 2.68 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	52.35 -2.03 0.00	40.42 -1.43 0.00	36.28 -1.42 0.00	33.45 -1.18 0.00	32.09 -0.97 0.00	35.99 -0.73 0.00	39.68 -1.20 0.00	48.09 -2.35 0.00	43.83 -1.81 0.00	40.90 -1.31 0.00	47.37 -1.53 0.00	46.00 -2.33 0.00	49.88 -1.42 0.00	49.33 -1.93 0.00	46.88 -2.45 0.00	47.74 -2.59 0.00	42.47 -2.29 0.00	49.07 -1.63 0.00	65.22 -2.89 0.00	62.30 -2.44 0.00	61.63 -2.46 0.00	53.61 -2.53 0.00	47.18 -2.29 0.00	36.50 -1.09 0.00
BINGHAMTON___COGEN 23790	54.53 -0.26 -0.42	41.76 -0.09 0.00	37.62 -0.08 0.00	34.65 0.02 0.00	33.12 0.06 0.00	36.89 0.17 0.00	41.01 0.14 0.00	50.22 -0.22 0.00	45.53 -0.11 0.00	42.23 0.02 0.00	48.95 0.05 0.00	48.24 -0.09 0.00	51.57 0.28 0.00	51.37 0.11 0.00	49.43 0.10 0.00	50.35 0.02 0.00	44.80 0.04 0.00	50.96 0.25 0.00	68.20 0.09 0.00	65.08 0.33 0.00	64.23 0.14 0.00	56.10 -0.04 0.00	49.38 -0.08 0.00	37.64 0.05 0.00

BIXINCNT_115KV_LOAD 355685	52.66 -1.71 0.00	40.54 -1.31 0.00	36.36 -1.34 0.00	33.59 -1.05 0.00	32.28 -0.79 0.00	36.18 -0.54 0.00	40.14 -0.74 0.00	48.80 -1.64 0.00	44.52 -1.12 0.00	41.52 -0.70 0.00	48.09 -0.81 0.00	46.75 -1.58 0.00	50.68 -0.61 0.00	49.99 -1.27 0.00	47.62 -1.72 0.00	48.42 -1.91 0.00	43.04 -1.72 0.00	49.66 -1.05 0.00	66.02 -2.09 0.00	63.09 -1.66 0.00	62.38 -1.71 0.00	54.29 -1.85 0.00	47.83 -1.64 0.00	36.96 -0.63 0.00
BLACK RIVER___HYD 24047	57.66 2.49 -0.81	43.40 1.55 0.00	38.72 1.03 0.00	35.68 1.05 0.00	34.22 1.16 0.00	38.07 1.35 0.00	42.56 1.62 -0.06	53.31 1.98 -0.89	47.02 1.37 -0.01	42.87 0.66 0.00	49.20 0.30 0.00	48.16 -0.17 0.00	51.15 -0.14 0.00	51.41 0.15 0.00	49.46 0.13 0.00	50.39 0.07 0.00	44.80 0.04 0.00	51.12 0.41 0.00	69.73 1.24 -0.39	67.29 2.22 -0.32	68.11 3.42 -0.60	59.61 3.47 0.00	52.19 2.73 0.00	39.40 1.81 0.00
BLACKRVR_115KV_TB2 79977	57.67 2.49 -0.81	43.40 1.55 0.00	38.72 1.03 0.00	35.68 1.05 0.00	34.22 1.16 0.00	38.07 1.35 0.00	42.56 1.62 -0.06	53.31 1.98 -0.89	47.02 1.37 -0.01	42.88 0.66 0.00	49.20 0.30 0.00	48.16 -0.17 0.00	51.15 -0.14 0.00	51.41 0.15 0.00	49.46 0.13 0.00	50.39 0.07 0.00	44.80 0.04 0.00	51.12 0.41 0.00	69.73 1.24 -0.39	67.29 2.22 -0.32	68.11 3.42 -0.60	59.61 3.47 0.00	52.20 2.73 0.00	39.40 1.81 0.00
BLDWN_LI_69_KV_BK4 356085	58.96 4.21 -0.38	47.59 3.60 -2.14	40.69 3.00 0.00	37.33 2.70 0.00	35.54 2.48 0.00	39.19 2.47 0.00	43.76 2.88 0.00	56.02 3.35 -2.24	53.98 3.50 -4.85	51.03 3.49 -5.33	55.06 4.43 -1.73	55.29 4.67 -2.29	59.57 4.70 -3.58	56.15 4.63 -0.27	67.09 4.99 -12.77	61.77 4.91 -6.54	53.98 4.11 -5.11	55.02 4.32 0.00	73.17 5.06 0.00	69.46 4.71 0.00	68.19 4.10 0.00	59.79 3.65 0.00	53.42 3.95 0.00	40.56 2.97 0.00
BLISS_WT_PWR 323608	52.61 -1.76 0.00	40.47 -1.38 0.00	36.29 -1.40 0.00	33.54 -1.09 0.00	32.24 -0.83 0.00	36.15 -0.57 0.00	40.15 -0.73 0.00	48.84 -1.60 0.00	44.56 -1.08 0.00	41.55 -0.66 0.00	48.14 -0.76 0.00	46.77 -1.56 0.00	50.69 -0.61 0.00	49.96 -1.30 0.00	47.60 -1.73 0.00	48.42 -1.91 0.00	43.03 -1.73 0.00	49.66 -1.05 0.00	66.01 -2.10 0.00	63.06 -1.69 0.00	62.37 -1.73 0.00	54.27 -1.87 0.00	47.81 -1.66 0.00	36.93 -0.66 0.00
BLUESTONE___WT_PWR 323821	57.10 2.36 -0.36	43.71 1.86 0.00	39.22 1.53 0.00	35.99 1.36 0.00	34.42 1.35 0.00	38.34 1.62 0.00	42.65 1.78 0.00	52.40 1.96 0.00	47.54 1.90 0.00	43.79 1.58 0.00	50.33 1.43 0.00	49.66 1.32 0.00	52.61 1.31 0.00	51.96 0.70 0.00	49.90 0.57 0.00	50.68 0.36 0.00	45.22 0.46 0.00	52.10 1.39 0.00	70.62 2.51 0.00	67.88 3.14 0.00	67.04 2.95 0.00	58.27 2.13 0.00	50.51 1.04 0.00	38.33 0.74 0.00
BLUE_CIRC_CHEM_DRP 24182	55.34 0.97 0.00	42.84 0.98 0.00	38.69 1.00 0.00	35.66 1.02 0.00	34.07 1.00 0.00	37.71 0.99 0.00	41.81 0.93 0.00	51.29 0.85 0.00	46.32 0.68 0.00	42.74 0.53 0.00	49.44 0.54 0.00	49.00 0.69 0.02	51.84 0.55 0.00	51.93 0.67 0.00	50.08 0.76 0.01	51.15 0.83 0.00	45.54 0.84 0.06	51.56 0.85 0.00	69.11 1.00 0.00	65.90 1.16 0.00	65.26 1.17 0.00	57.03 0.89 0.00	50.27 0.80 0.00	38.36 0.78 0.00
BOC_GAS_DRP 24189	55.11 0.74 0.00	42.63 0.78 0.00	38.47 0.78 0.00	35.42 0.79 0.00	33.83 0.77 0.00	37.43 0.70 0.00	41.53 0.66 0.00	51.04 0.60 0.00	46.21 0.57 0.00	42.73 0.52 0.00	49.53 0.63 0.00	49.08 0.77 0.02	51.98 0.69 0.00	51.98 0.72 0.00	50.22 0.90 0.01	51.22 0.90 0.00	45.52 0.83 0.07	51.51 0.80 0.00	68.95 0.84 0.00	65.65 0.91 0.00	64.92 0.83 0.00	56.73 0.59 0.00	50.05 0.58 0.00	38.17 0.58 0.00
BOONVILLE_115KV_TB1 79983	56.22 1.61 -0.24	42.97 1.12 0.00	38.55 0.86 0.00	35.49 0.85 0.00	33.96 0.89 0.00	37.77 1.05 0.00	42.06 1.18 0.00	51.83 1.39 0.00	46.87 1.22 0.00	43.07 0.86 0.00	49.65 0.75 0.00	48.98 0.65 0.00	51.98 0.69 0.00	52.03 0.77 0.00	50.08 0.75 0.00	51.16 0.84 0.00	45.62 0.86 0.00	51.85 1.14 0.00	69.93 1.82 0.00	66.97 2.22 0.00	66.59 2.50 0.00	58.45 2.31 0.00	51.32 1.85 0.00	38.85 1.26 0.00
BORALEX_4TH_BRANCH 23824	56.54 2.16 0.00	44.14 2.29 0.00	39.66 1.97 0.00	36.49 1.86 0.00	34.88 1.82 0.00	38.60 1.88 0.00	42.74 1.87 0.00	52.77 1.99 -0.33	48.02 1.66 -0.72	44.22 1.22 -0.79	50.35 1.33 -0.13	49.72 1.41 0.02	52.67 1.37 0.00	52.71 1.46 0.00	51.00 1.68 0.01	52.06 1.74 0.00	46.08 1.40 0.08	52.47 1.76 0.00	70.50 2.39 0.00	67.14 2.39 0.00	66.72 2.63 0.00	58.12 1.98 0.00	51.14 1.68 0.00	39.19 1.60 0.00
BOWLINE___1 23526	56.85 2.48 0.00	43.91 2.06 0.00	39.48 1.79 0.00	36.32 1.69 0.00	34.66 1.60 0.00	38.22 1.50 0.00	42.55 1.67 0.00	48.97 1.81 3.28	40.59 2.06 7.10	36.53 2.13 7.80	50.50 2.85 1.24	51.65 3.10 -0.23	54.54 3.25 0.00	54.51 3.25 0.00	53.02 3.54 -0.15	53.81 3.49 0.00	48.82 3.17 -0.89	54.03 3.32 0.00	71.92 3.81 0.00	68.44 3.70 0.00	67.23 3.14 0.00	58.64 2.50 0.00	51.95 2.48 0.00	39.55 1.96 0.00
BOWLINE___2 23595	56.77 2.40 0.00	43.86 2.01 0.00	39.44 1.74 0.00	36.30 1.67 0.00	34.64 1.58 0.00	38.21 1.48 0.00	42.50 1.63 0.00	48.90 1.74 3.28	40.51 1.98 7.11	36.46 2.06 7.81	50.43 2.77 1.25	51.58 3.03 -0.23	54.45 3.16 0.00	54.42 3.16 0.00	52.95 3.47 -0.15	53.74 3.41 0.00	48.75 3.10 -0.89	53.94 3.24 0.00	71.79 3.68 0.00	68.35 3.60 0.00	67.12 3.03 0.00	58.55 2.41 0.00	51.88 2.41 0.00	39.50 1.91 0.00
BRADY___115KV_TB2 356060	56.08 1.71 0.00	42.90 1.05 0.00	38.50 0.81 0.00	35.29 0.65 0.00	33.69 0.62 0.00	37.53 0.80 0.00	41.84 0.97 0.00	51.63 1.19 0.00	46.17 0.54 0.00	42.55 0.34 0.00	49.20 0.30 0.00	48.22 -0.10 0.00	51.53 0.24 0.00	51.63 0.37 0.00	49.14 -0.19 0.00	50.09 -0.23 0.00	44.53 -0.23 0.00	50.67 -0.04 0.00	68.66 0.55 0.00	65.59 0.84 0.00	65.50 1.41 0.00	57.84 1.70 0.00	50.83 1.36 0.00	38.48 0.89 0.00
BRANSCOMB___SOLAR 323811	56.71 2.34 0.00	43.99 2.14 0.00	39.59 1.89 0.00	36.40 1.77 0.00	34.79 1.72 0.00	38.53 1.81 0.00	42.84 1.96 0.00	52.58 2.14 0.00	47.39 1.75 0.00	43.50 1.28 0.00	50.29 1.39 0.00	49.82 1.51 0.02	52.70 1.40 0.00	52.63 1.37 0.00	50.88 1.56 0.01	51.99 1.67 0.00	46.25 1.55 0.07	52.74 2.03 0.00	70.93 2.83 0.00	67.70 2.95 0.00	67.13 3.04 0.00	58.55 2.40 0.00	51.49 2.03 0.00	39.23 1.64 0.00
BRDGHMPT_69_KV_BK1 55812	59.62 4.88 -0.37	47.61 4.49 -1.26	41.31 3.62 0.00	38.03 3.39 0.00	36.15 3.09 0.00	39.70 2.98 0.00	44.81 3.94 0.00	57.32 4.64 -2.24	55.25 4.77 -4.85	52.38 4.85 -5.33	56.84 6.23 -1.71	56.96 6.61 -2.02	58.10 6.36 -0.44	57.82 6.38 -0.18	69.03 6.52 -13.18	170.07 6.64 -113.10	54.84 5.81 -4.27	56.87 6.16 -0.01	75.38 7.27 0.00	71.31 6.56 0.00	69.77 5.68 0.00	60.98 4.88 0.04	54.86 5.40 0.00	41.56 3.97 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	59.11 4.36 -0.37	47.16 4.01 -1.29	40.99 3.29 0.00	37.59 2.95 0.00	35.76 2.69 0.00	39.40 2.67 0.00	44.11 3.23 0.00	56.46 3.79 -2.24	54.35 3.87 -4.85	51.32 3.79 -5.33	55.45 4.84 -1.71	55.48 5.12 -2.03	56.59 4.76 -0.53	56.15 4.70 -0.19	70.07 5.07 -15.67	195.09 5.05 -139.72	53.32 4.25 -4.32	55.05 4.34 0.00	73.11 5.00 0.00	69.34 4.60 0.00	68.08 3.99 0.00	59.47 3.38 0.05	53.61 4.14 0.00	40.74 3.15 0.00
BRISTLHL_115KV_TB1 79998	55.03 -1.25 -1.91	40.95 -0.90 0.00	36.89 -0.81 0.00	33.93 -0.70 0.00	32.42 -0.64 0.00	36.09 -0.63 0.00	40.29 -0.73 -0.15	51.59 -1.09 -2.24	44.67 -1.00 -0.03	41.28 -0.93 0.00	47.69 -1.21 0.00	47.10 -1.23 0.00	50.04 -1.26 0.00	50.00 -1.26 0.00	48.12 -1.21 0.00	49.13 -1.19 0.00	43.78 -0.98 0.00	49.75 -0.95 0.00	67.66 -1.44 -0.99	64.43 -1.14 -0.83	64.52 -1.12 -1.55	55.09 -1.04 0.00	48.51 -0.96 0.00	36.89 -0.69 0.00
BROOKHAVEN___DRP 24191	58.58 3.83 -0.37	46.69 3.58 -1.26	40.60 2.90 0.00	37.31 2.67 0.00	35.48 2.42 0.00	38.97 2.25 0.00	43.81 2.94 0.00	55.97 3.29 -2.24	53.91 3.43 -4.85	50.93 3.39 -5.33	54.98 4.38 -1.71	55.06 4.71 -2.02	56.13 4.39 -0.44	55.78 4.33 -0.18	67.19 4.72 -13.13	167.71 4.75 -112.64	53.12 4.09 -4.27	54.94 4.23 -0.01	72.97 4.86 0.00	69.15 4.41 0.00	67.81 3.72 0.00	59.15 3.05 0.04	53.25 3.78 0.00	40.41 2.82 0.00
BROOKLYN_NAVY_YARD 23515	57.59 3.22 0.00	44.54 2.69 0.00	40.01 2.32 0.00	36.77 2.14 0.00	35.06 1.99 0.00	38.67 1.95 0.00	43.15 2.28 0.00	55.31 2.63 -2.25	53.41 2.90 -4.87	50.53 2.97 -5.35	53.58 3.83 -0.85	52.76 4.09 -0.34	55.43 4.14 0.00	55.41 4.15 0.00	54.03 4.47 -0.23	54.75 4.43 0.00	50.15 4.05 -1.34	54.86 4.15 0.00	72.77 4.66 0.00	69.24 4.49 0.00	67.93 3.84 0.00	59.26 3.12 0.00	52.68 3.21 0.00	40.11 2.52 0.00
BROOKLYN___ARMY_DRP 323595	57.70 3.33 0.00	44.54 2.69 0.00	40.08 2.38 0.00	36.79 2.15 0.00	35.08 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.49 2.81 -2.24	53.55 3.05 -4.86	50.67 3.11 -5.34	53.70 3.95 -0.85	52.96 4.29 -0.34	55.58 4.29 0.00	55.41 4.15 0.00	54.20 4.64 -0.23	54.92 4.59 0.00	50.30 4.20 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.67 0.00	68.14 4.04 0.00	59.54 3.40 0.00	52.97 3.50 0.00	40.44 2.85 0.00
BROOME_2_LFGE 323671	54.53 -0.26 -0.42	41.76 -0.09 0.00	37.62 -0.08 0.00	34.65 0.02 0.00	33.12 0.06 0.00	36.89 0.17 0.00	41.01 0.13 0.00	50.22 -0.22 0.00	45.53 -0.10 0.00	42.23 0.02 0.00	48.95 0.05 0.00	48.24 -0.09 0.00	51.57 0.28 0.00	51.37 0.11 0.00	49.43 0.09 0.00	50.35 0.03 0.00	44.80 0.04 0.00	50.96 0.25 0.00	68.20 0.09 0.00	65.08 0.34 0.00	64.23 0.14 0.00	56.10 -0.04 0.00	49.38 -0.08 0.00	37.63 0.05 0.00
BROOME___LFGE 323600	54.53 -0.26 -0.42	41.76 -0.09 0.00	37.62 -0.08 0.00	34.65 0.02 0.00	33.12 0.06 0.00	36.89 0.17 0.00	41.01 0.13 0.00	50.22 -0.22 0.00	45.53 -0.10 0.00	42.23 0.02 0.00	48.95 0.05 0.00	48.24 -0.09 0.00	51.57 0.28 0.00	51.37 0.11 0.00	49.43 0.09 0.00	50.35 0.03 0.00	44.80 0.04 0.00	50.96 0.25 0.00	68.20 0.09 0.00	65.08 0.34 0.00	64.23 0.14 0.00	56.10 -0.04 0.00	49.38 -0.08 0.00	37.63 0.05 0.00
BROWNFLS_115KV_TB_3_5 80003	56.32 1.62 -0.33	42.80 0.94 0.00	38.30 0.60 0.00	35.20 0.56 0.00	33.69 0.63 0.00	37.52 0.80 0.00	41.85 0.95 -0.02	52.02 1.25 -0.33	46.42 0.78 0.00	42.56 0.35 0.00	49.03 0.13 0.00	48.10 -0.23 0.00	51.22 -0.07 0.00	51.35 0.09 0.00	49.06 -0.27 0.00	49.95 -0.37 0.00	44.43 -0.33 0.00	50.59 -0.11 0.00	68.69 0.44 -0.14	65.83 0.97 -0.12	65.97 1.66 -0.22	58.20 2.06 0.00	51.14 1.67 0.00	38.68 1.09 0.00
BROWNSV1_27_KV_LOAD 356125	58.42 4.04 0.00	45.15 3.31 0.00	40.54 2.85 0.00	37.24 2.61 0.00	35.50 2.44 0.00	39.18 2.46 0.00	43.73 2.85 0.00	56.04 3.35 -2.25	54.07 3.56 -4.87	51.17 3.61 -5.35	54.34 4.59 -0.85	53.49 4.81 -0.34	56.24 4.95 0.00	56.24 4.98 0.00	54.83 5.27 -0.23	55.55 5.23 0.00	50.87 4.77 -1.34	55.69 4.99 0.00	73.90 5.79 0.00	70.27 5.53 0.00	68.99 4.90 0.00	60.17 4.03 0.00	53.42 3.95 0.00	40.67 3.08 0.00
BURROWS___LYONSDAL 23803	56.33 1.67 -0.28	42.97 1.12 0.00	38.49 0.79 0.00	35.45 0.81 0.00	33.94 0.88 0.00	37.77 1.05 0.00	42.06 1.17 -0.02	51.99 1.41 -0.14	46.83 1.19 0.00	42.98 0.77 0.00	49.50 0.60 0.00	48.80 0.47 0.00	51.78 0.48 0.00	51.85 0.60 0.00	49.90 0.56 0.00	50.96 0.64 0.00	45.44 0.68 0.00	51.67 0.96 0.00	69.77 1.66 0.00	66.92 2.17 0.00	66.64 2.55 0.00	58.57 2.43 0.00	51.41 1.95 0.00	38.90 1.31 0.00
CAITHNESS_CC_1 323624	58.50 3.76 -0.37	46.64 3.52 -1.26	40.58 2.89 0.00	37.27 2.64 0.00	35.45 2.38 0.00	38.97 2.24 0.00	43.75 2.87 0.00	55.92 3.24 -2.24	53.86 3.38 -4.85	50.86 3.32 -5.33	54.93 4.33 -1.71	54.99 4.64 -2.02	55.96 4.23 -0.44	55.69 4.24 -0.18	67.05 4.64 -13.08	167.14 4.64 -112.18	53.00 3.98 -4.27	54.80 4.09 -0.01	72.79 4.68 0.00	69.00 4.26 0.00	67.66 3.58 0.00	59.02 2.92 0.04	53.16 3.69 0.00	40.36 2.77 0.00
CALPINE BETH_PAGE_GT4 24209	58.39 3.64 -0.38	46.71 3.29 -1.57	40.52 2.83 0.00	37.17 2.53 0.00	35.38 2.31 0.00	38.98 2.26 0.00	43.43 2.56 0.00	55.66 2.98 -2.24	53.66 3.17 -4.85	50.72 3.19 -5.33	54.73 4.11 -1.72	54.79 4.33 -2.13	57.21 4.24 -1.67	55.65 4.15 -0.24	61.57 4.53 -7.70	68.45 4.46 -13.67	53.53 3.80 -4.97	54.56 3.85 0.00	72.50 4.39 0.00	68.79 4.04 0.00	67.56 3.47 0.00	59.13 2.98 0.00	52.90 3.44 0.00	40.19 2.60 0.00
CALPINE_BETH_PAGE_GT_4 323586	58.37 3.62 -0.38	46.71 3.29 -1.57	40.52 2.83 0.00	37.17 2.53 0.00	35.37 2.31 0.00	38.98 2.26 0.00	43.43 2.56 0.00	55.66 2.99 -2.24	53.66 3.17 -4.85	50.71 3.18 -5.33	54.73 4.11 -1.72	54.79 4.33 -2.13	57.13 4.17 -1.67	55.65 4.15 -0.24	61.57 4.53 -7.70	68.45 4.45 -13.67	53.53 3.80 -4.97	54.56 3.86 0.00	72.50 4.39 0.00	68.79 4.04 0.00	67.55 3.47 0.00	59.12 2.98 0.00	52.90 3.44 0.00	40.19 2.60 0.00
CALPINE_BP_GT1 23823	58.37 3.62 -0.38	46.71 3.29 -1.57	40.52 2.83 0.00	37.17 2.53 0.00	35.37 2.31 0.00	38.98 2.26 0.00	43.43 2.56 0.00	55.66 2.99 -2.24	53.66 3.17 -4.85	50.71 3.18 -5.33	54.73 4.11 -1.72	54.79 4.33 -2.13	57.13 4.17 -1.67	55.65 4.15 -0.24	61.57 4.53 -7.70	68.45 4.45 -13.67	53.53 3.80 -4.97	54.56 3.86 0.00	72.50 4.39 0.00	68.79 4.04 0.00	67.55 3.47 0.00	59.12 2.98 0.00	52.90 3.44 0.00	40.19 2.60 0.00
CALSPAN___DRP 24200	52.24 -2.13 0.00	40.36 -1.49 0.00	36.23 -1.47 0.00	33.41 -1.23 0.00	32.04 -1.02 0.00	35.93 -0.79 0.00	39.60 -1.28 0.00	47.98 -2.46 0.00	43.70 -1.94 0.00	40.79 -1.42 0.00	47.23 -1.67 0.00	45.84 -2.49 0.00	49.72 -1.57 0.00	49.17 -2.09 0.00	46.72 -2.61 0.00	47.57 -2.75 0.00	42.31 -2.44 0.00	48.91 -1.80 0.00	64.98 -3.13 0.00	62.10 -2.65 0.00	61.44 -2.65 0.00	53.45 -2.69 0.00	47.04 -2.42 0.00	36.42 -1.17 0.00

CALVERTON___SOLAR 323806	58.68 3.93 -0.37	46.76 3.65 -1.26	40.67 2.97 0.00	37.39 2.76 0.00	35.55 2.49 0.00	39.04 2.31 0.00	43.92 3.04 0.00	56.09 3.42 -2.24	54.03 3.54 -4.85	51.04 3.51 -5.33	55.15 4.54 -1.71	55.23 4.88 -2.02	56.23 4.49 -0.44	55.98 4.54 -0.18	67.39 4.91 -13.15	168.09 4.95 -112.82	53.32 4.30 -4.27	55.18 4.46 -0.01	73.26 5.15 0.00	69.43 4.69 0.00	68.07 3.98 0.00	59.36 3.26 0.04	53.43 3.97 0.00	40.53 2.94 0.00
CANDIGU_WT_PWR 323617	52.63 -1.97 -0.23	40.47 -1.38 0.00	36.39 -1.31 0.00	33.70 -0.94 0.00	32.40 -0.67 0.00	36.28 -0.44 0.00	40.26 -0.62 0.00	48.95 -1.48 0.00	44.57 -1.07 0.00	41.38 -0.83 0.00	47.82 -1.07 0.00	46.77 -1.56 0.00	50.34 -0.95 0.00	49.76 -1.50 0.00	47.61 -1.73 0.00	48.29 -2.04 0.00	42.93 -1.83 0.00	49.23 -1.48 0.00	65.78 -2.33 0.00	63.22 -1.52 0.00	62.84 -1.25 0.00	54.82 -1.32 0.00	48.26 -1.20 0.00	37.07 -0.52 0.00
CARR STREET_E_SYR 24060	53.79 -1.17 -0.58	41.02 -0.83 0.00	37.05 -0.64 0.00	34.09 -0.54 0.00	32.59 -0.47 0.00	36.27 -0.45 0.00	40.34 -0.54 0.00	49.54 -0.90 0.00	44.84 -0.80 0.00	41.46 -0.75 0.00	47.89 -1.01 0.00	47.27 -1.05 0.00	50.28 -1.02 0.00	50.21 -1.06 0.00	48.33 -1.00 0.00	49.34 -0.98 0.00	43.95 -0.81 0.00	49.93 -0.77 0.00	66.88 -1.23 0.00	63.76 -0.99 0.00	63.05 -1.04 0.00	55.15 -0.99 0.00	48.54 -0.93 0.00	36.95 -0.63 0.00
CARTHAGE___PAPER 23857	57.63 2.58 -0.68	43.47 1.62 0.00	38.81 1.11 0.00	35.74 1.11 0.00	34.27 1.21 0.00	38.15 1.43 0.00	42.60 1.68 -0.05	53.25 2.07 -0.73	47.14 1.49 -0.01	42.98 0.77 0.00	49.31 0.41 0.00	48.35 0.02 0.00	51.38 0.08 0.00	51.58 0.32 0.00	49.58 0.25 0.00	50.59 0.27 0.00	45.03 0.26 0.00	51.35 0.65 0.00	69.93 1.50 -0.32	67.43 2.42 -0.26	68.01 3.42 -0.49	59.65 3.50 0.00	52.26 2.80 0.00	39.44 1.85 0.00
CASSADAGA_WT_PWR 323784	52.97 -1.40 0.00	40.87 -0.98 0.00	36.95 -0.74 0.00	34.20 -0.43 0.00	32.77 -0.29 0.00	36.77 0.05 0.00	40.69 -0.18 0.00	49.58 -0.86 0.00	45.29 -0.36 0.00	42.32 0.11 0.00	49.13 0.23 0.00	47.55 -0.78 0.00	51.59 0.30 0.00	50.95 -0.31 0.00	48.64 -0.69 0.00	49.36 -0.96 0.00	43.83 -0.93 0.00	50.76 0.05 0.00	67.09 -1.02 0.00	64.00 -0.75 0.00	63.32 -0.77 0.00	54.82 -1.32 0.00	48.10 -1.36 0.00	37.17 -0.42 0.00
CE_DUNWOOD___DRP 24194	57.31 2.94 0.00	44.32 2.47 0.00	39.83 2.13 0.00	36.61 1.98 0.00	34.91 1.85 0.00	38.53 1.81 0.00	42.91 2.04 0.00	55.08 2.31 -2.33	53.22 2.52 -5.06	50.33 2.56 -5.56	53.13 3.34 -0.89	52.23 3.59 -0.32	54.99 3.70 0.00	54.96 3.70 0.00	53.54 3.99 -0.21	54.26 3.94 0.00	49.58 3.58 -1.25	54.44 3.74 0.00	72.40 4.29 0.00	68.87 4.12 0.00	67.64 3.55 0.00	59.00 2.86 0.00	52.32 2.86 0.00	39.84 2.25 0.00
CE_MILLWOOD___DRP 24193	57.15 2.78 0.00	44.17 2.32 0.00	39.71 2.01 0.00	36.51 1.87 0.00	34.81 1.75 0.00	38.42 1.69 0.00	42.79 1.91 0.00	54.95 2.14 -2.36	53.12 2.35 -5.12	50.24 2.40 -5.63	52.93 3.14 -0.90	51.99 3.37 -0.29	54.79 3.50 0.00	54.76 3.50 0.00	53.31 3.78 -0.19	54.06 3.74 0.00	49.29 3.40 -1.13	54.25 3.55 0.00	72.18 4.07 0.00	68.68 3.93 0.00	67.47 3.38 0.00	58.86 2.72 0.00	52.16 2.70 0.00	39.73 2.14 0.00
CE_NYC2_DRP 24202	57.51 3.14 0.00	44.48 2.63 0.00	40.01 2.32 0.00	36.74 2.10 0.00	35.04 1.97 0.00	38.71 1.99 0.00	43.26 2.38 0.00	55.43 2.74 -2.24	53.52 3.02 -4.86	50.64 3.08 -5.34	53.69 3.94 -0.85	52.92 4.25 -0.34	55.53 4.24 0.00	55.40 4.15 0.00	54.07 4.50 -0.23	54.75 4.43 0.00	50.18 4.08 -1.34	54.64 3.93 0.00	72.42 4.32 0.00	69.03 4.28 0.00	67.75 3.67 0.00	59.24 3.10 0.00	52.72 3.26 0.00	40.22 2.63 0.00
CE_NYC_DRP 24195	57.69 3.32 0.00	44.62 2.77 0.00	40.08 2.39 0.00	36.83 2.19 0.00	35.11 2.05 0.00	38.75 2.03 0.00	43.24 2.36 0.00	55.43 2.75 -2.25	53.51 3.00 -4.87	50.64 3.08 -5.35	53.72 3.97 -0.85	52.88 4.21 -0.34	55.57 4.27 0.00	55.56 4.30 0.00	54.18 4.62 -0.23	54.87 4.54 0.00	50.25 4.15 -1.34	54.98 4.28 0.00	72.95 4.85 0.00	69.38 4.63 0.00	68.09 4.00 0.00	59.39 3.26 0.00	52.77 3.30 0.00	40.19 2.60 0.00
CHAFFEE___LFGE 323603	52.49 -1.88 0.00	40.53 -1.32 0.00	36.37 -1.33 0.00	33.55 -1.09 0.00	32.17 -0.89 0.00	36.07 -0.65 0.00	39.75 -1.13 0.00	48.24 -2.20 0.00	43.96 -1.68 0.00	41.02 -1.19 0.00	47.49 -1.41 0.00	46.12 -2.21 0.00	50.00 -1.29 0.00	49.45 -1.81 0.00	47.01 -2.32 0.00	47.88 -2.44 0.00	42.61 -2.15 0.00	49.20 -1.51 0.00	65.39 -2.72 0.00	62.48 -2.27 0.00	61.81 -2.28 0.00	53.82 -2.32 0.00	47.35 -2.12 0.00	36.60 -0.99 0.00
CHATEAUG_35_KV_LOAD 355732	55.33 0.96 0.00	42.44 0.59 0.00	38.11 0.42 0.00	34.86 0.23 0.00	33.26 0.19 0.00	37.01 0.29 0.00	41.39 0.52 0.00	51.15 0.71 0.00	45.97 0.33 0.00	42.44 0.23 0.00	49.07 0.17 0.00	48.16 -0.17 0.00	51.31 0.02 0.00	51.34 0.08 0.00	49.05 -0.29 0.00	50.08 -0.24 0.00	44.42 -0.35 0.00	50.50 -0.20 0.00	68.17 0.06 0.00	64.88 0.13 0.00	64.78 0.69 0.00	56.85 0.71 0.00	50.06 0.59 0.00	38.03 0.44 0.00
CHATEAUG_WT_PWR 323614	55.23 0.85 0.00	42.41 0.56 0.00	38.08 0.39 0.00	34.84 0.21 0.00	33.25 0.18 0.00	36.97 0.24 0.00	41.35 0.48 0.00	51.24 0.80 0.00	46.07 0.43 0.00	42.55 0.34 0.00	49.18 0.28 0.00	48.29 -0.04 0.00	51.44 0.15 0.00	51.48 0.22 0.00	49.21 -0.13 0.00	50.26 -0.07 0.00	44.56 -0.20 0.00	50.70 -0.01 0.00	68.35 0.24 0.00	65.06 0.32 0.00	64.77 0.69 0.00	56.76 0.62 0.00	50.02 0.55 0.00	38.02 0.43 0.00
CHAT_HIGH_FALL_HYD 323578	55.33 0.96 0.00	42.44 0.59 0.00	38.11 0.42 0.00	34.86 0.23 0.00	33.26 0.19 0.00	37.01 0.29 0.00	41.39 0.52 0.00	51.15 0.71 0.00	45.97 0.33 0.00	42.44 0.23 0.00	49.07 0.17 0.00	48.16 -0.17 0.00	51.31 0.02 0.00	51.34 0.08 0.00	49.05 -0.29 0.00	50.08 -0.24 0.00	44.42 -0.35 0.00	50.50 -0.20 0.00	68.17 0.06 0.00	64.88 0.13 0.00	64.78 0.69 0.00	56.85 0.71 0.00	50.06 0.59 0.00	38.03 0.44 0.00
CHAUTAUQUA___LFGE 323629	52.59 -1.78 0.00	40.62 -1.23 0.00	36.61 -1.09 0.00	33.84 -0.79 0.00	32.43 -0.64 0.00	36.37 -0.36 0.00	40.18 -0.70 0.00	48.59 -1.85 0.00	44.19 -1.45 0.00	41.28 -0.93 0.00	47.93 -0.97 0.00	46.45 -1.88 0.00	50.49 -0.81 0.00	49.85 -1.41 0.00	47.55 -1.78 0.00	48.32 -2.01 0.00	42.96 -1.80 0.00	49.66 -1.05 0.00	66.13 -1.98 0.00	63.12 -1.63 0.00	62.40 -1.69 0.00	54.19 -1.94 0.00	47.61 -1.85 0.00	36.78 -0.81 0.00
CHERRYST_13_KV_LD 356241	57.89 3.51 0.00	44.77 2.92 0.00	40.21 2.52 0.00	36.94 2.31 0.00	35.23 2.17 0.00	38.89 2.16 0.00	43.40 2.52 0.00	55.65 2.96 -2.25	53.71 3.21 -4.87	50.84 3.28 -5.35	53.96 4.21 -0.85	53.13 4.46 -0.34	55.83 4.54 0.00	55.82 4.56 0.00	54.43 4.87 -0.23	55.13 4.81 0.00	50.47 4.37 -1.34	55.24 4.54 0.00	73.26 5.15 0.00	69.64 4.89 0.00	68.34 4.25 0.00	59.60 3.46 0.00	52.93 3.47 0.00	40.30 2.72 0.00

CHESTROR_138KV_BK263 355645	56.55 2.18 0.00	43.66 1.81 0.00	39.27 1.58 0.00	36.12 1.48 0.00	34.45 1.39 0.00	38.05 1.33 0.00	42.35 1.47 0.00	49.90 1.58 2.11	42.80 1.74 4.58	38.97 1.79 5.03	50.48 2.38 0.80	51.06 2.59 -0.14	54.02 2.72 0.00	53.99 2.73 0.00	52.42 3.00 -0.09	53.25 2.93 0.00	48.00 2.68 -0.56	53.54 2.83 0.00	71.40 3.29 0.00	67.98 3.24 0.00	66.88 2.78 0.00	58.34 2.20 0.00	51.61 2.14 0.00	39.26 1.67 0.00
CH_MIDHUDSON___DRP 24192	56.98 2.61 0.00	44.05 2.20 0.00	39.60 1.91 0.00	36.42 1.78 0.00	34.74 1.68 0.00	38.35 1.62 0.00	42.61 1.73 0.00	52.66 1.88 -0.33	48.51 2.09 -0.78	45.14 2.08 -0.85	51.67 2.64 -0.14	51.17 2.86 0.02	54.43 3.14 0.00	54.53 3.27 0.00	52.79 3.48 0.02	53.80 3.48 0.00	47.85 3.18 0.09	54.11 3.40 0.00	72.15 4.04 0.00	68.63 3.89 0.00	67.50 3.41 0.00	58.84 2.70 0.00	51.99 2.52 0.00	39.56 1.97 0.00
CH_MISC_IPPS 23765	57.41 3.04 0.00	44.33 2.48 0.00	39.85 2.16 0.00	36.63 1.99 0.00	34.94 1.88 0.00	38.58 1.85 0.00	43.07 2.20 0.00	53.12 2.68 0.00	48.43 2.79 0.00	44.99 2.78 0.00	52.47 3.58 0.00	52.13 3.80 0.00	55.16 3.87 0.00	54.98 3.72 0.00	53.22 3.90 0.01	54.23 3.90 0.00	48.30 3.58 0.04	54.59 3.88 0.00	72.76 4.66 0.00	69.21 4.46 0.00	68.04 3.95 0.00	59.28 3.15 0.00	52.37 2.91 0.00	39.82 2.23 0.00
CH_RES_BVR_FALLS 23983	54.43 0.06 0.00	41.82 -0.03 0.00	37.63 -0.07 0.00	34.52 -0.11 0.00	32.95 -0.12 0.00	36.66 -0.06 0.00	40.83 -0.04 0.00	50.44 0.00 0.00	45.56 -0.08 0.00	42.13 -0.08 0.00	48.75 -0.15 0.00	48.10 -0.23 0.00	51.11 -0.18 0.00	51.13 -0.13 0.00	49.07 -0.26 0.00	50.10 -0.22 0.00	44.54 -0.22 0.00	50.54 -0.17 0.00	67.99 -0.12 0.00	64.61 -0.13 0.00	64.08 -0.01 0.00	56.19 0.05 0.00	49.48 0.01 0.00	37.54 -0.05 0.00
CH_RES_NIAGARA 23895	50.47 -3.90 0.00	39.07 -2.78 0.00	35.06 -2.64 0.00	32.31 -2.33 0.00	31.00 -2.07 0.00	34.79 -1.94 0.00	38.19 -2.69 0.00	46.23 -4.21 0.00	42.06 -3.58 0.00	39.32 -2.89 0.00	45.37 -3.52 0.00	43.96 -4.37 0.00	47.66 -3.63 0.00	47.21 -4.05 0.00	44.68 -4.65 0.00	45.57 -4.75 0.00	40.54 -4.22 0.00	46.88 -3.83 0.00	62.24 -5.87 0.00	59.38 -5.37 0.00	58.82 -5.27 0.00	51.22 -4.92 0.00	45.19 -4.27 0.00	35.09 -2.49 0.00
CH_RES_SYRACUSE 23985	54.85 -0.59 -1.07	41.48 -0.37 0.00	37.37 -0.32 0.00	34.39 -0.25 0.00	32.87 -0.19 0.00	36.58 -0.14 0.00	40.75 -0.19 -0.06	50.81 -0.48 -0.86	45.22 -0.43 -0.01	41.81 -0.40 0.00	48.37 -0.52 0.00	47.71 -0.62 0.00	50.73 -0.56 0.00	50.66 -0.60 0.00	48.75 -0.58 0.00	49.78 -0.54 0.00	44.34 -0.42 0.00	50.42 -0.28 0.00	67.89 -0.56 -0.35	64.73 -0.30 -0.29	64.29 -0.35 -0.54	55.77 -0.37 0.00	49.07 -0.40 0.00	37.33 -0.26 0.00
CLINTON_WT_PWR 323605	55.23 0.85 0.00	42.41 0.56 0.00	38.08 0.39 0.00	34.84 0.21 0.00	33.25 0.18 0.00	36.97 0.24 0.00	41.35 0.48 0.00	51.24 0.80 0.00	46.07 0.43 0.00	42.55 0.34 0.00	49.18 0.28 0.00	48.29 -0.04 0.00	51.44 0.15 0.00	51.48 0.22 0.00	49.21 -0.13 0.00	50.26 -0.07 0.00	44.56 -0.20 0.00	50.70 -0.01 0.00	68.35 0.24 0.00	65.06 0.32 0.00	64.77 0.69 0.00	56.76 0.62 0.00	50.02 0.55 0.00	38.02 0.43 0.00
CLINTON___LFGE 323618	55.93 1.56 0.00	43.04 1.19 0.00	38.64 0.95 0.00	35.35 0.72 0.00	33.72 0.65 0.00	37.45 0.72 0.00	41.97 1.10 0.00	52.27 1.83 0.00	46.85 1.21 0.00	43.25 1.04 0.00	50.04 1.15 0.00	49.08 0.75 0.00	52.39 1.10 0.00	52.47 1.21 0.00	50.29 0.96 0.00	51.34 1.02 0.00	45.49 0.73 0.00	51.98 1.27 0.00	69.77 1.66 0.00	66.58 1.83 0.00	66.41 2.32 0.00	58.07 1.93 0.00	51.13 1.66 0.00	38.88 1.30 0.00
COBBLENY_34_KV_TB1 80064	52.49 -1.88 0.00	40.54 -1.31 0.00	36.37 -1.32 0.00	33.54 -1.09 0.00	32.17 -0.89 0.00	36.07 -0.65 0.00	39.75 -1.13 0.00	48.23 -2.21 0.00	43.93 -1.71 0.00	41.02 -1.19 0.00	47.47 -1.43 0.00	46.12 -2.21 0.00	50.01 -1.29 0.00	49.47 -1.80 0.00	47.01 -2.32 0.00	47.88 -2.45 0.00	42.61 -2.15 0.00	49.19 -1.51 0.00	65.39 -2.72 0.00	62.48 -2.26 0.00	61.81 -2.28 0.00	53.82 -2.33 0.00	47.35 -2.12 0.00	36.60 -0.99 0.00
COFFEEN___115KV_TB3 355620	58.04 2.84 -0.83	43.66 1.82 0.00	38.97 1.28 0.00	35.90 1.27 0.00	34.42 1.35 0.00	38.31 1.59 0.00	42.82 1.88 -0.06	53.64 2.29 -0.91	47.26 1.61 -0.01	43.03 0.82 0.00	49.36 0.47 0.00	48.22 -0.11 0.00	51.17 -0.12 0.00	51.53 0.27 0.00	49.53 0.20 0.00	50.37 0.05 0.00	44.76 -0.01 0.00	51.09 0.38 0.00	69.82 1.31 -0.40	67.47 2.39 -0.33	68.52 3.81 -0.62	60.03 3.89 0.00	52.54 3.08 0.00	39.66 2.07 0.00
COLDSPRG_115KV_BK1 355956	53.55 -0.82 0.00	41.28 -0.56 0.00	37.21 -0.49 0.00	34.37 -0.27 0.00	32.95 -0.11 0.00	36.96 0.24 0.00	40.95 0.08 0.00	50.15 -0.29 0.00	45.83 0.19 0.00	42.80 0.59 0.00	49.67 0.77 0.00	48.20 -0.13 0.00	52.31 1.02 0.00	51.68 0.42 0.00	49.27 -0.06 0.00	50.03 -0.29 0.00	44.40 -0.36 0.00	51.28 0.57 0.00	67.58 -0.53 0.00	64.51 -0.23 0.00	63.73 -0.36 0.00	55.35 -0.79 0.00	48.69 -0.78 0.00	37.55 -0.04 0.00
COLONIE_LFGE___ 323577	56.01 1.64 0.00	43.47 1.62 0.00	39.13 1.44 0.00	36.02 1.39 0.00	34.41 1.35 0.00	38.09 1.37 0.00	42.26 1.38 0.00	51.91 1.47 0.00	46.90 1.26 0.00	43.22 1.00 0.00	50.02 1.12 0.00	49.57 1.26 0.02	52.47 1.18 0.00	52.46 1.20 0.00	50.71 1.38 0.01	51.74 1.42 0.00	45.96 1.27 0.07	52.20 1.49 0.00	70.07 1.96 0.00	66.75 2.00 0.00	66.15 2.06 0.00	57.70 1.56 0.00	50.80 1.33 0.00	38.79 1.20 0.00
COOPERNY_115KV_TB1 80082	55.89 1.52 0.00	43.12 1.27 0.00	38.82 1.12 0.00	35.71 1.07 0.00	34.07 1.01 0.00	37.69 0.96 0.00	41.93 1.05 0.00	50.53 1.08 0.99	44.71 1.22 2.14	41.12 1.27 2.36	50.26 1.74 0.38	50.26 1.87 -0.06	53.28 1.98 0.00	53.23 1.97 0.00	51.54 2.16 -0.04	52.44 2.12 0.00	46.95 1.94 -0.25	52.78 2.07 0.00	70.47 2.36 0.00	67.09 2.35 0.00	66.06 1.97 0.00	57.69 1.55 0.00	50.98 1.51 0.00	38.79 1.20 0.00
COPENHAGEN_WT_PWR 323753	57.24 2.00 -0.87	43.02 1.17 0.00	38.36 0.66 0.00	35.37 0.74 0.00	33.93 0.86 0.00	37.72 1.00 0.00	42.17 1.22 -0.07	52.96 1.55 -0.96	46.71 1.06 -0.01	42.67 0.46 0.00	48.93 0.03 0.00	47.96 -0.37 0.00	50.92 -0.37 0.00	51.16 -0.10 0.00	49.24 -0.09 0.00	50.19 -0.13 0.00	44.62 -0.14 0.00	50.90 0.20 0.00	69.40 0.87 -0.42	66.91 1.81 -0.35	67.63 2.89 -0.66	59.06 2.93 0.00	51.76 2.29 0.00	39.07 1.48 0.00
CORNELL_____ 23752	55.50 0.54 -0.59	42.36 0.50 0.00	38.12 0.43 0.00	35.08 0.45 0.00	33.55 0.49 0.00	37.37 0.65 0.00	41.58 0.71 0.00	50.94 0.50 0.00	46.12 0.48 0.00	42.47 0.26 0.00	49.03 0.13 0.00	48.22 -0.11 0.00	51.39 0.10 0.00	51.26 0.00 0.00	49.29 -0.04 0.00	50.21 -0.11 0.00	44.69 -0.07 0.00	50.92 0.21 0.00	68.47 0.37 0.00	65.76 1.02 0.00	65.18 1.09 0.00	56.94 0.80 0.00	50.03 0.56 0.00	38.04 0.46 0.00

CORONA V_69_KV_TB1 355595	58.91 4.15 -0.38	48.62 3.57 -3.20	40.67 2.97 0.00	37.32 2.69 0.00	35.54 2.48 0.00	39.20 2.47 0.00	43.76 2.88 0.00	55.99 3.32 -2.24	53.96 3.48 -4.85	51.01 3.48 -5.33	55.08 4.44 -1.74	55.58 4.69 -2.56	62.70 4.68 -6.72	56.26 4.62 -0.38	77.14 4.97 -22.83	67.14 4.93 -11.88	55.61 4.26 -6.58	55.17 4.46 0.00	73.36 5.25 0.00	69.66 4.91 0.00	68.38 4.29 0.00	59.76 3.61 0.00	53.28 3.81 0.00	40.52 2.93 0.00
CORTLAND_115KV_TB3 80093	55.11 0.13 -0.61	42.03 0.18 0.00	37.85 0.16 0.00	34.84 0.20 0.00	33.30 0.24 0.00	37.08 0.35 0.00	41.24 0.36 0.00	50.59 0.15 0.00	45.62 -0.02 0.00	42.13 -0.08 0.00	48.73 -0.17 0.00	48.04 -0.29 0.00	51.24 -0.05 0.00	51.10 -0.16 0.00	49.17 -0.16 0.00	50.16 -0.16 0.00	44.62 -0.14 0.00	50.73 0.02 0.00	68.01 -0.10 0.00	65.07 0.32 0.00	64.37 0.28 0.00	56.28 0.13 0.00	49.50 0.04 0.00	37.68 0.09 0.00
COXSACKIE__GT 23611	57.16 2.79 0.00	44.14 2.30 0.00	39.80 2.11 0.00	36.65 2.02 0.00	35.02 1.96 0.00	38.81 2.09 0.00	43.07 2.19 0.00	52.97 2.53 0.00	47.67 2.02 0.00	43.77 1.57 0.00	50.38 1.48 0.00	49.86 1.54 0.01	52.71 1.42 0.00	52.66 1.41 0.00	50.81 1.48 0.01	52.03 1.70 0.00	46.48 1.77 0.05	52.78 2.08 0.00	71.05 2.94 0.00	68.22 3.48 0.00	67.85 3.76 0.00	59.20 3.06 0.00	51.86 2.39 0.00	39.46 1.87 0.00
CPV_VALLEY__CC1 323721	56.09 1.72 0.00	43.31 1.46 0.00	38.97 1.28 0.00	35.86 1.22 0.00	34.21 1.14 0.00	37.79 1.07 0.00	42.03 1.15 0.00	50.26 1.21 1.39	44.00 1.37 3.02	40.35 1.45 3.31	50.35 1.98 0.53	50.59 2.17 -0.09	53.57 2.28 0.00	53.53 2.27 0.00	51.91 2.52 -0.06	52.78 2.46 0.00	47.36 2.25 -0.35	53.06 2.35 0.00	70.76 2.65 0.00	67.36 2.61 0.00	66.27 2.19 0.00	57.83 1.70 0.00	51.16 1.69 0.00	38.94 1.35 0.00
CPV_VALLEY__CC2 323722	56.09 1.72 0.00	43.31 1.46 0.00	38.97 1.28 0.00	35.86 1.22 0.00	34.21 1.14 0.00	37.79 1.07 0.00	42.03 1.15 0.00	50.26 1.21 1.39	44.00 1.37 3.02	40.35 1.45 3.31	50.35 1.98 0.53	50.59 2.17 -0.09	53.57 2.28 0.00	53.53 2.27 0.00	51.91 2.52 -0.06	52.78 2.46 0.00	47.36 2.25 -0.35	53.06 2.35 0.00	70.76 2.65 0.00	67.36 2.61 0.00	66.27 2.19 0.00	57.83 1.70 0.00	51.16 1.69 0.00	38.94 1.35 0.00
CRESCENT__HYD 24018	56.01 1.64 0.00	43.47 1.62 0.00	39.13 1.44 0.00	36.02 1.39 0.00	34.41 1.35 0.00	38.09 1.37 0.00	42.26 1.38 0.00	51.91 1.47 0.00	46.90 1.26 0.00	43.22 1.00 0.00	50.02 1.12 0.00	49.57 1.26 0.02	52.47 1.18 0.00	52.46 1.20 0.00	50.71 1.38 0.01	51.74 1.42 0.00	45.96 1.27 0.07	52.20 1.49 0.00	70.07 1.96 0.00	66.75 2.00 0.00	66.15 2.06 0.00	57.70 1.56 0.00	50.80 1.33 0.00	38.79 1.20 0.00
CRICKET__VALLEY_CC1 323756	56.22 1.85 0.00	43.55 1.70 0.00	39.14 1.45 0.00	35.98 1.34 0.00	34.35 1.29 0.00	37.90 1.18 0.00	42.17 1.30 0.00	52.57 1.39 -0.74	48.73 1.49 -1.60	45.40 1.44 -1.76	51.04 1.86 -0.28	50.37 2.09 0.04	53.43 2.14 0.00	53.50 2.24 0.00	51.80 2.50 0.03	52.77 2.45 0.00	46.80 2.21 0.17	53.07 2.37 0.00	70.86 2.75 0.00	67.42 2.68 0.00	66.37 2.28 0.00	57.85 1.71 0.00	51.09 1.63 0.00	38.92 1.33 0.00
CRICKET__VALLEY_CC2 323757	56.22 1.85 0.00	43.55 1.70 0.00	39.14 1.45 0.00	35.98 1.34 0.00	34.35 1.29 0.00	37.90 1.18 0.00	42.17 1.30 0.00	52.57 1.39 -0.74	48.73 1.49 -1.60	45.40 1.44 -1.76	51.04 1.86 -0.28	50.37 2.09 0.04	53.43 2.14 0.00	53.50 2.24 0.00	51.80 2.50 0.03	52.77 2.45 0.00	46.80 2.21 0.17	53.07 2.37 0.00	70.86 2.75 0.00	67.42 2.68 0.00	66.37 2.28 0.00	57.85 1.71 0.00	51.09 1.63 0.00	38.92 1.33 0.00
CRICKET__VALLEY_CC3 323758	56.22 1.85 0.00	43.55 1.70 0.00	39.14 1.45 0.00	35.98 1.34 0.00	34.35 1.29 0.00	37.90 1.18 0.00	42.17 1.30 0.00	52.57 1.39 -0.74	48.73 1.49 -1.60	45.40 1.44 -1.76	51.04 1.86 -0.28	50.37 2.09 0.04	53.43 2.14 0.00	53.50 2.24 0.00	51.80 2.50 0.03	52.77 2.45 0.00	46.80 2.21 0.17	53.07 2.37 0.00	70.86 2.75 0.00	67.42 2.68 0.00	66.37 2.28 0.00	57.85 1.71 0.00	51.09 1.63 0.00	38.92 1.33 0.00
CRUCIBLE_METL_DRP 24180	54.85 -0.59 -1.07	41.48 -0.37 0.00	37.38 -0.32 0.00	34.38 -0.25 0.00	32.87 -0.19 0.00	36.58 -0.14 0.00	40.75 -0.19 -0.06	50.81 -0.48 -0.86	45.22 -0.43 -0.01	41.81 -0.40 0.00	48.37 -0.52 0.00	47.71 -0.62 0.00	50.73 -0.56 0.00	50.66 -0.60 0.00	48.75 -0.57 0.00	49.78 -0.54 0.00	44.34 -0.42 0.00	50.42 -0.28 0.00	67.89 -0.56 -0.35	64.73 -0.30 -0.29	64.28 -0.35 -0.54	55.76 -0.37 0.00	49.07 -0.40 0.00	37.32 -0.26 0.00
DAHOWA__HYDRO 323763	56.97 2.60 0.00	44.20 2.35 0.00	39.76 2.06 0.00	36.56 1.92 0.00	34.94 1.87 0.00	38.69 1.97 0.00	43.04 2.17 0.00	52.83 2.40 0.00	47.61 1.97 0.00	43.67 1.46 0.00	50.46 1.56 0.00	49.97 1.66 0.02	52.88 1.58 0.00	52.79 1.53 0.00	51.04 1.72 0.01	52.18 1.85 0.00	46.45 1.76 0.06	52.99 2.29 0.00	71.33 3.22 0.00	68.03 3.29 0.00	67.44 3.35 0.00	58.82 2.68 0.00	51.71 2.24 0.00	39.37 1.78 0.00
DANC__LFGE 323619	56.26 0.80 -1.09	42.25 0.39 0.00	37.82 0.12 0.00	34.84 0.20 0.00	33.37 0.30 0.00	37.09 0.37 0.00	41.41 0.45 -0.08	52.18 0.51 -1.23	45.88 0.23 -0.02	42.11 -0.10 0.00	48.44 -0.46 0.00	47.60 -0.73 0.00	50.55 -0.74 0.00	50.69 -0.57 0.00	48.79 -0.54 0.00	49.76 -0.56 0.00	44.27 -0.49 0.00	50.38 -0.32 0.00	68.51 -0.14 -0.54	65.79 0.59 -0.45	66.24 1.31 -0.84	57.57 1.43 0.00	50.56 1.09 0.00	38.25 0.66 0.00
DANSKAMMER__1 23586	57.41 3.04 0.00	44.33 2.48 0.00	39.85 2.16 0.00	36.63 1.99 0.00	34.94 1.88 0.00	38.58 1.85 0.00	43.07 2.20 0.00	53.12 2.68 0.00	48.43 2.79 0.00	44.99 2.78 0.00	52.47 3.58 0.00	52.13 3.80 0.00	55.16 3.87 0.00	54.98 3.72 0.00	53.22 3.90 0.01	54.23 3.90 0.00	48.30 3.58 0.04	54.59 3.88 0.00	72.76 4.66 0.00	69.21 4.46 0.00	68.04 3.95 0.00	59.28 3.15 0.00	52.37 2.91 0.00	39.82 2.23 0.00
DANSKAMMER__2 23589	57.41 3.04 0.00	44.33 2.48 0.00	39.85 2.16 0.00	36.63 1.99 0.00	34.94 1.88 0.00	38.58 1.85 0.00	43.07 2.20 0.00	53.12 2.68 0.00	48.43 2.79 0.00	44.99 2.78 0.00	52.47 3.58 0.00	52.13 3.80 0.00	55.16 3.87 0.00	54.98 3.72 0.00	53.22 3.90 0.01	54.23 3.90 0.00	48.30 3.58 0.04	54.59 3.88 0.00	72.76 4.66 0.00	69.21 4.46 0.00	68.04 3.95 0.00	59.28 3.15 0.00	52.37 2.91 0.00	39.82 2.23 0.00
DANSKAMMER__3 23590	57.41 3.04 0.00	44.33 2.48 0.00	39.85 2.16 0.00	36.63 1.99 0.00	34.94 1.88 0.00	38.58 1.85 0.00	43.07 2.20 0.00	53.12 2.68 0.00	48.43 2.79 0.00	44.99 2.78 0.00	52.47 3.58 0.00	52.13 3.80 0.00	55.16 3.87 0.00	54.98 3.72 0.00	53.22 3.90 0.01	54.23 3.90 0.00	48.30 3.58 0.04	54.59 3.88 0.00	72.76 4.66 0.00	69.21 4.46 0.00	68.04 3.95 0.00	59.28 3.15 0.00	52.37 2.91 0.00	39.82 2.23 0.00

DANSKAMMER___4 23591	57.41 3.04 0.00	44.33 2.48 0.00	39.85 2.16 0.00	36.63 1.99 0.00	34.94 1.88 0.00	38.58 1.85 0.00	43.07 2.20 0.00	53.12 2.68 0.00	48.43 2.79 0.00	44.99 2.78 0.00	52.47 3.58 0.00	52.13 3.80 0.00	55.16 3.87 0.00	54.98 3.72 0.00	53.22 3.90 0.01	54.23 3.90 0.00	48.30 3.58 0.04	54.59 3.88 0.00	72.76 4.66 0.00	69.21 4.46 0.00	68.04 3.95 0.00	59.28 3.15 0.00	52.37 2.91 0.00	39.82 2.23 0.00
DANSKAMMER___DIESEL 23592	57.41 3.04 0.00	44.33 2.48 0.00	39.85 2.15 0.00	36.63 1.99 0.00	34.94 1.88 0.00	38.58 1.85 0.00	43.07 2.20 0.00	53.13 2.69 0.00	48.43 2.79 0.00	44.99 2.78 0.00	52.47 3.57 0.00	52.13 3.80 0.00	55.16 3.86 0.00	54.98 3.72 0.00	53.22 3.89 0.01	54.23 3.90 0.00	48.31 3.58 0.04	54.59 3.88 0.00	72.77 4.66 0.00	69.21 4.46 0.00	68.04 3.95 0.00	59.29 3.15 0.00	52.38 2.91 0.00	39.82 2.23 0.00
DARBY___SOLAR 323810	56.71 2.34 0.00	43.99 2.14 0.00	39.59 1.89 0.00	36.40 1.77 0.00	34.78 1.71 0.00	38.51 1.79 0.00	42.83 1.96 0.00	52.57 2.13 0.00	47.40 1.76 0.00	43.49 1.28 0.00	50.27 1.37 0.00	49.81 1.50 0.02	52.71 1.42 0.00	52.63 1.37 0.00	50.89 1.57 0.01	52.00 1.68 0.00	46.26 1.57 0.07	52.75 2.04 0.00	70.99 2.88 0.00	67.71 2.96 0.00	67.13 3.04 0.00	58.55 2.40 0.00	51.49 2.03 0.00	39.23 1.64 0.00
DASHVILLE___HYD 23610	56.69 2.32 0.00	43.78 1.93 0.00	39.37 1.67 0.00	36.20 1.57 0.00	34.52 1.45 0.00	38.10 1.38 0.00	42.43 1.56 0.00	52.20 1.77 0.00	47.45 1.81 0.00	44.01 1.80 0.00	51.29 2.39 0.00	50.96 2.63 0.00	54.03 2.74 0.00	53.97 2.71 0.00	52.28 2.94 0.00	53.23 2.91 0.00	47.46 2.69 0.00	53.54 2.83 0.00	71.41 3.30 0.00	67.98 3.23 0.00	66.89 2.80 0.00	58.34 2.20 0.00	51.54 2.07 0.00	39.21 1.62 0.00
DELAWARE___LFGE 323621	55.82 1.25 -0.20	42.90 1.05 0.00	38.70 1.01 0.00	35.59 0.96 0.00	33.99 0.92 0.00	37.72 0.99 0.00	41.96 1.08 0.00	51.50 1.06 0.00	46.67 1.03 0.00	43.26 1.05 0.00	50.20 1.30 0.00	49.68 1.34 -0.01	52.78 1.48 0.00	52.66 1.40 0.00	50.82 1.48 -0.01	51.75 1.43 0.00	46.12 1.32 -0.04	52.20 1.50 0.00	69.84 1.73 0.00	66.60 1.86 0.00	65.76 1.67 0.00	57.48 1.34 0.00	50.64 1.18 0.00	38.50 0.91 0.00
DERFIELD_115KV_TB7 355931	54.48 0.11 0.00	42.02 0.17 0.00	37.85 0.15 0.00	34.81 0.17 0.00	33.23 0.16 0.00	36.89 0.16 0.00	41.04 0.16 0.00	50.54 0.10 0.00	45.75 0.11 0.00	42.29 0.08 0.00	48.99 0.09 0.00	48.47 0.14 0.00	51.40 0.10 0.00	51.37 0.10 0.00	49.53 0.19 0.00	50.53 0.20 0.00	44.94 0.18 0.00	50.88 0.18 0.00	68.28 0.17 0.00	65.01 0.26 0.00	64.34 0.25 0.00	56.31 0.17 0.00	49.62 0.16 0.00	37.74 0.15 0.00
DOGLEVILLE___HYD 23807	55.11 0.74 0.00	42.78 0.93 0.00	38.66 0.97 0.00	35.56 0.93 0.00	33.97 0.91 0.00	37.63 0.91 0.00	41.59 0.71 0.00	50.84 0.40 0.00	45.82 0.18 0.00	41.91 -0.30 0.00	48.25 -0.64 0.00	48.14 -0.19 0.00	50.68 -0.61 0.00	50.59 -0.68 0.00	49.14 -0.19 0.00	50.35 0.03 0.00	44.74 -0.02 0.00	50.65 -0.06 0.00	68.52 0.41 0.00	65.86 1.11 0.00	65.63 1.54 0.00	56.99 0.85 0.00	50.04 0.57 0.00	38.03 0.44 0.00
DUNKIRK___115KV_TB_200 55889	52.53 -1.84 0.00	40.57 -1.28 0.00	36.54 -1.15 0.00	33.77 -0.86 0.00	32.36 -0.70 0.00	36.30 -0.42 0.00	40.10 -0.78 0.00	48.46 -1.98 0.00	44.03 -1.61 0.00	41.15 -1.06 0.00	47.77 -1.12 0.00	46.33 -2.00 0.00	50.36 -0.93 0.00	49.74 -1.52 0.00	47.43 -1.90 0.00	48.19 -2.14 0.00	42.85 -1.91 0.00	49.53 -1.18 0.00	66.00 -2.11 0.00	63.00 -1.74 0.00	62.27 -1.82 0.00	54.09 -2.05 0.00	47.53 -1.94 0.00	36.72 -0.87 0.00
DUNKIRK___1 23563	52.53 -1.84 0.00	40.57 -1.28 0.00	36.54 -1.15 0.00	33.77 -0.86 0.00	32.36 -0.70 0.00	36.30 -0.42 0.00	40.10 -0.78 0.00	48.46 -1.98 0.00	44.03 -1.61 0.00	41.15 -1.06 0.00	47.77 -1.12 0.00	46.33 -2.00 0.00	50.36 -0.93 0.00	49.74 -1.52 0.00	47.43 -1.90 0.00	48.19 -2.14 0.00	42.85 -1.91 0.00	49.53 -1.18 0.00	66.00 -2.11 0.00	63.00 -1.74 0.00	62.27 -1.82 0.00	54.09 -2.05 0.00	47.53 -1.94 0.00	36.72 -0.87 0.00
DUNKIRK___2 23564	52.53 -1.84 0.00	40.57 -1.28 0.00	36.54 -1.15 0.00	33.77 -0.86 0.00	32.36 -0.70 0.00	36.30 -0.42 0.00	40.10 -0.78 0.00	48.46 -1.98 0.00	44.03 -1.61 0.00	41.15 -1.06 0.00	47.77 -1.12 0.00	46.33 -2.00 0.00	50.36 -0.93 0.00	49.74 -1.52 0.00	47.43 -1.90 0.00	48.19 -2.14 0.00	42.85 -1.91 0.00	49.53 -1.18 0.00	66.00 -2.11 0.00	63.00 -1.74 0.00	62.27 -1.82 0.00	54.09 -2.05 0.00	47.53 -1.94 0.00	36.72 -0.87 0.00
DUNKIRK___3 23565	52.35 -2.02 0.00	40.44 -1.41 0.00	36.39 -1.31 0.00	33.61 -1.03 0.00	32.21 -0.86 0.00	36.12 -0.60 0.00	39.88 -0.99 0.00	48.24 -2.20 0.00	43.84 -1.80 0.00	40.96 -1.24 0.00	47.53 -1.37 0.00	46.12 -2.21 0.00	50.11 -1.18 0.00	49.51 -1.75 0.00	47.19 -2.15 0.00	47.98 -2.35 0.00	42.65 -2.11 0.00	49.28 -1.42 0.00	65.60 -2.51 0.00	62.63 -2.11 0.00	61.91 -2.18 0.00	53.81 -2.34 0.00	47.33 -2.14 0.00	36.58 -1.01 0.00
DUNKIRK___4 23566	52.35 -2.02 0.00	40.44 -1.41 0.00	36.39 -1.31 0.00	33.61 -1.03 0.00	32.21 -0.86 0.00	36.12 -0.60 0.00	39.88 -0.99 0.00	48.24 -2.20 0.00	43.84 -1.80 0.00	40.96 -1.24 0.00	47.53 -1.37 0.00	46.12 -2.21 0.00	50.11 -1.18 0.00	49.51 -1.75 0.00	47.19 -2.15 0.00	47.98 -2.35 0.00	42.65 -2.11 0.00	49.28 -1.42 0.00	65.60 -2.51 0.00	62.63 -2.11 0.00	61.91 -2.18 0.00	53.81 -2.34 0.00	47.33 -2.14 0.00	36.58 -1.01 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	57.54 3.17 0.00	44.51 2.66 0.00	39.99 2.29 0.00	36.76 2.13 0.00	35.05 1.98 0.00	38.67 1.94 0.00	43.06 2.19 0.00	55.19 2.50 -2.25	53.22 2.71 -4.87	50.32 2.76 -5.35	53.33 3.58 -0.85	52.50 3.82 -0.34	55.21 3.92 0.00	55.20 3.94 0.00	53.79 4.23 -0.23	54.50 4.18 0.00	49.90 3.80 -1.34	54.66 3.95 0.00	72.66 4.55 0.00	69.09 4.35 0.00	67.84 3.75 0.00	59.21 3.07 0.00	52.53 3.07 0.00	40.00 2.41 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	56.97 2.60 0.00	43.96 2.12 0.00	39.52 1.83 0.00	36.35 1.71 0.00	34.68 1.62 0.00	38.29 1.56 0.00	42.67 1.79 0.00	52.02 2.16 0.58	46.66 2.28 1.26	43.12 2.30 1.38	51.67 2.99 0.22	51.59 3.22 -0.03	54.64 3.35 0.00	54.57 3.30 0.00	52.86 3.51 -0.02	53.81 3.49 0.00	48.08 3.19 -0.13	54.15 3.44 0.00	72.18 4.07 0.00	68.70 3.95 0.00	67.57 3.48 0.00	58.89 2.75 0.00	52.06 2.60 0.00	39.59 2.00 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	57.61 3.25 0.00	44.46 2.61 0.00	40.00 2.31 0.00	36.70 2.06 0.00	35.00 1.94 0.00	38.71 1.99 0.00	43.32 2.44 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.61 3.05 -5.34	53.67 3.91 -0.85	52.89 4.22 -0.34	55.50 4.21 0.00	55.37 4.11 0.00	54.04 4.48 -0.23	54.74 4.42 0.00	50.10 4.00 -1.34	54.59 3.89 0.00	72.49 4.38 0.00	69.19 4.45 0.00	67.95 3.86 0.00	59.38 3.24 0.00	52.78 3.32 0.00	40.19 2.60 0.00

E179THST_13_KV_LOAD 356214	57.99 3.62 0.00	44.74 2.89 0.00	40.24 2.54 0.00	36.91 2.28 0.00	35.20 2.13 0.00	38.92 2.20 0.00	43.57 2.69 0.00	55.79 3.10 -2.24	53.84 3.34 -4.86	50.89 3.33 -5.34	53.99 4.24 -0.85	53.22 4.55 -0.34	55.86 4.57 0.00	55.73 4.47 0.00	54.39 4.83 -0.23	55.09 4.77 0.00	50.43 4.32 -1.34	54.97 4.27 0.00	72.97 4.87 0.00	69.65 4.90 0.00	68.38 4.29 0.00	59.76 3.62 0.00	53.10 3.64 0.00	40.42 2.83 0.00
EAST HAMPTON___GT 23717	59.82 5.07 -0.37	47.92 4.80 -1.26	41.53 3.84 0.00	38.28 3.65 0.00	36.38 3.31 0.00	40.00 3.28 0.00	45.27 4.39 0.00	58.05 5.37 -2.24	55.94 5.46 -4.85	53.16 5.62 -5.33	57.86 7.26 -1.71	57.97 7.62 -2.02	58.88 7.14 -0.45	58.72 7.27 -0.18	69.57 7.06 -13.18	170.63 7.18 -113.12	55.32 6.29 -4.27	57.42 6.70 -0.01	76.02 7.90 0.00	71.90 7.15 0.00	70.30 6.21 0.00	61.76 5.66 0.04	55.72 6.25 0.00	42.20 4.62 0.00
EAST RIVER___6 23660	57.63 3.26 0.00	44.58 2.73 0.00	40.06 2.36 0.00	36.79 2.15 0.00	35.08 2.01 0.00	38.71 1.98 0.00	43.20 2.32 0.00	55.38 2.69 -2.25	53.47 2.96 -4.87	50.61 3.04 -5.35	53.68 3.93 -0.85	52.85 4.18 -0.34	55.52 4.23 0.00	55.51 4.25 0.00	54.13 4.58 -0.23	54.85 4.52 0.00	50.23 4.13 -1.34	54.96 4.25 0.00	72.89 4.78 0.00	69.32 4.58 0.00	68.04 3.95 0.00	59.36 3.22 0.00	52.74 3.27 0.00	40.16 2.57 0.00
EAST RIVER___7 23524	57.63 3.26 0.00	44.58 2.73 0.00	40.06 2.36 0.00	36.79 2.15 0.00	35.08 2.01 0.00	38.71 1.98 0.00	43.20 2.32 0.00	55.38 2.69 -2.25	53.47 2.96 -4.87	50.61 3.04 -5.35	53.68 3.93 -0.85	52.85 4.18 -0.34	55.52 4.23 0.00	55.51 4.25 0.00	54.13 4.58 -0.23	54.85 4.52 0.00	50.23 4.13 -1.34	54.96 4.25 0.00	72.89 4.78 0.00	69.32 4.58 0.00	68.04 3.95 0.00	59.36 3.22 0.00	52.74 3.27 0.00	40.16 2.57 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	57.31 2.94 0.00	44.32 2.47 0.00	39.83 2.13 0.00	36.61 1.98 0.00	34.91 1.85 0.00	38.53 1.81 0.00	42.91 2.04 0.00	55.08 2.31 -2.33	53.22 2.52 -5.06	50.33 2.56 -5.56	53.13 3.34 -0.89	52.23 3.59 -0.32	54.99 3.70 0.00	54.96 3.70 0.00	53.54 3.99 -0.21	54.26 3.94 0.00	49.58 3.58 -1.25	54.44 3.74 0.00	72.40 4.29 0.00	68.87 4.12 0.00	67.64 3.55 0.00	59.00 2.86 0.00	52.32 2.86 0.00	39.84 2.25 0.00
EAST_HAMPTON___DIESEL 23722	59.74 5.00 -0.37	47.89 4.77 -1.26	41.49 3.80 0.00	38.25 3.62 0.00	36.36 3.29 0.00	39.97 3.25 0.00	45.26 4.39 0.00	58.05 5.37 -2.24	55.94 5.46 -4.85	53.17 5.63 -5.33	57.89 7.28 -1.71	57.98 7.63 -2.02	58.91 7.17 -0.45	58.76 7.32 -0.18	69.62 7.10 -13.18	170.68 7.24 -113.12	55.37 6.34 -4.27	57.47 6.76 -0.01	76.08 7.97 0.00	71.89 7.14 0.00	70.30 6.21 0.00	61.76 5.66 0.04	55.72 6.25 0.00	42.21 4.62 0.00
EAST_POINT___SOLAR 323840	57.84 3.47 0.00	44.37 2.52 0.00	39.92 2.22 0.00	36.66 2.02 0.00	35.02 1.96 0.00	38.98 2.26 0.00	43.34 2.46 0.00	52.46 2.03 0.00	46.81 1.17 0.00	42.78 0.57 0.00	49.07 0.18 0.00	48.73 0.41 0.01	51.45 0.16 0.00	51.07 -0.19 0.00	49.41 0.09 0.01	50.41 0.08 0.00	44.92 0.20 0.05	50.91 0.20 0.00	69.13 1.02 0.00	68.10 3.35 0.00	68.51 4.42 0.00	60.06 3.92 0.00	52.77 3.31 0.00	39.87 2.28 0.00
EAST_PULASKI___ESR 323781	55.61 -0.36 -1.61	41.52 -0.33 0.00	37.31 -0.38 0.00	34.34 -0.30 0.00	32.84 -0.23 0.00	36.50 -0.22 0.00	40.75 -0.26 -0.13	51.85 -0.46 -1.86	45.14 -0.52 -0.02	41.62 -0.59 0.00	47.97 -0.92 0.00	47.30 -1.03 0.00	50.23 -1.06 0.00	50.27 -0.99 0.00	48.36 -0.97 0.00	49.35 -0.97 0.00	43.95 -0.82 0.00	49.93 -0.77 0.00	67.91 -1.02 -0.82	64.91 -0.52 -0.68	65.20 -0.18 -1.29	56.14 0.00 0.00	49.39 -0.08 0.00	37.48 -0.11 0.00
EAST_RIVER___1 323558	57.69 3.32 0.00	44.62 2.77 0.00	40.09 2.40 0.00	36.83 2.20 0.00	35.11 2.05 0.00	38.75 2.02 0.00	43.24 2.36 0.00	55.43 2.75 -2.25	53.51 3.00 -4.87	50.64 3.07 -5.35	53.72 3.97 -0.85	52.88 4.21 -0.34	55.56 4.27 0.00	55.56 4.30 0.00	54.17 4.61 -0.23	54.87 4.54 0.00	50.25 4.15 -1.34	54.98 4.28 0.00	72.96 4.85 0.00	69.38 4.64 0.00	68.09 4.00 0.00	59.39 3.25 0.00	52.76 3.30 0.00	40.18 2.60 0.00
EAST_RIVER___2 323559	57.63 3.26 0.00	44.58 2.73 0.00	40.06 2.36 0.00	36.79 2.15 0.00	35.08 2.01 0.00	38.71 1.98 0.00	43.20 2.32 0.00	55.38 2.69 -2.25	53.47 2.96 -4.87	50.61 3.04 -5.35	53.68 3.93 -0.85	52.85 4.18 -0.34	55.52 4.23 0.00	55.51 4.25 0.00	54.13 4.58 -0.23	54.85 4.52 0.00	50.23 4.13 -1.34	54.96 4.25 0.00	72.89 4.78 0.00	69.32 4.58 0.00	68.04 3.95 0.00	59.36 3.22 0.00	52.74 3.27 0.00	40.16 2.57 0.00
EAST___DELAWARE_HYD 23607	55.46 1.09 0.00	42.73 0.88 0.00	38.40 0.71 0.00	35.28 0.64 0.00	33.65 0.59 0.00	37.17 0.45 0.00	41.40 0.52 0.00	50.47 0.54 0.52	45.27 0.75 1.12	41.82 0.84 1.24	50.07 1.37 0.20	49.89 1.52 -0.03	52.92 1.63 0.00	52.89 1.63 0.00	51.17 1.82 -0.02	52.11 1.79 0.00	46.58 1.70 -0.12	52.59 1.88 0.00	70.25 2.15 0.00	66.96 2.22 0.00	65.81 1.72 0.00	57.35 1.21 0.00	50.62 1.15 0.00	38.42 0.83 0.00
EIGHT_POINT___WT_PWR 323820	52.99 -1.61 -0.23	40.59 -1.26 0.00	36.44 -1.26 0.00	33.86 -0.77 0.00	32.56 -0.50 0.00	36.54 -0.18 0.00	40.66 -0.22 0.00	49.50 -0.94 0.00	45.18 -0.47 0.00	41.91 -0.29 0.00	48.33 -0.57 0.00	47.11 -1.22 0.00	50.68 -0.61 0.00	50.02 -1.25 0.00	47.77 -1.56 0.00	48.45 -1.88 0.00	43.11 -1.65 0.00	49.43 -1.27 0.00	66.14 -1.96 0.00	63.68 -1.06 0.00	63.48 -0.61 0.00	55.28 -0.86 0.00	48.70 -0.76 0.00	37.44 -0.15 0.00
ELBRIDGE_115KV_TB2 80188	54.64 -0.86 -1.14	41.31 -0.54 0.00	37.20 -0.50 0.00	34.24 -0.39 0.00	32.75 -0.31 0.00	36.41 -0.31 0.00	40.57 -0.37 -0.06	50.58 -0.73 -0.87	45.03 -0.62 -0.01	41.63 -0.58 0.00	48.15 -0.75 0.00	47.45 -0.88 0.00	50.46 -0.84 0.00	50.38 -0.88 0.00	48.47 -0.86 0.00	49.46 -0.87 0.00	44.05 -0.71 0.00	50.06 -0.64 0.00	67.43 -1.03 -0.35	64.34 -0.70 -0.29	63.92 -0.72 -0.55	55.44 -0.70 0.00	48.79 -0.68 0.00	37.13 -0.46 0.00
ELEC_TRO_TEK 24086	58.40 3.65 -0.38	46.87 3.16 -1.86	40.33 2.63 0.00	37.03 2.39 0.00	35.26 2.20 0.00	38.88 2.16 0.00	43.42 2.55 0.00	55.60 2.93 -2.24	53.60 3.12 -4.85	50.67 3.14 -5.33	54.67 4.05 -1.72	54.88 4.28 -2.27	59.12 4.26 -3.56	55.80 4.20 -0.35	67.28 4.54 -13.41	64.64 4.47 -9.84	55.14 3.88 -6.50	54.74 4.04 0.00	72.75 4.64 0.00	69.08 4.33 0.00	67.82 3.73 0.00	59.29 3.15 0.00	52.89 3.43 0.00	40.21 2.62 0.00
ELLENBURG_WT_PWR 323604	55.23 0.85 0.00	42.41 0.56 0.00	38.08 0.39 0.00	34.84 0.21 0.00	33.25 0.18 0.00	36.97 0.24 0.00	41.35 0.48 0.00	51.24 0.80 0.00	46.07 0.43 0.00	42.55 0.34 0.00	49.18 0.28 0.00	48.29 -0.04 0.00	51.44 0.15 0.00	51.48 0.22 0.00	49.21 -0.13 0.00	50.26 -0.07 0.00	44.56 -0.20 0.00	50.70 -0.01 0.00	68.35 0.24 0.00	65.06 0.32 0.00	64.77 0.69 0.00	56.76 0.62 0.00	50.02 0.55 0.00	38.02 0.43 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	52.00 -2.37 0.00	40.19 -1.66 0.00	36.08 -1.61 0.00	33.27 -1.37 0.00	31.92 -1.15 0.00	35.79 -0.93 0.00	39.41 -1.46 0.00	47.74 -2.70 0.00	43.47 -2.17 0.00	40.59 -1.63 0.00	46.96 -1.94 0.00	45.57 -2.76 0.00	49.40 -1.89 0.00	48.88 -2.38 0.00	46.41 -2.93 0.00	47.27 -3.05 0.00	42.05 -2.72 0.00	48.59 -2.11 0.00	64.56 -3.55 0.00	61.66 -3.08 0.00	61.04 -3.05 0.00	53.11 -3.04 0.00	46.77 -2.70 0.00	36.23 -1.36 0.00
EMPIRE_CC_1 323656	55.40 1.03 0.00	43.03 1.18 0.00	38.79 1.10 0.00	35.74 1.11 0.00	34.15 1.09 0.00	37.75 1.02 0.00	41.79 0.92 0.00	51.68 0.87 -0.37	47.22 0.77 -0.81	43.70 0.60 -0.89	49.72 0.68 -0.14	49.13 0.82 0.02	51.73 0.43 0.00	51.73 0.47 0.00	50.03 0.71 0.02	51.04 0.72 0.00	45.29 0.62 0.09	51.32 0.61 0.00	68.73 0.62 0.00	65.47 0.73 0.00	64.84 0.75 0.00	56.62 0.48 0.00	49.94 0.48 0.00	38.19 0.60 0.00
EMPIRE_CC_2 323658	55.40 1.03 0.00	43.03 1.18 0.00	38.79 1.10 0.00	35.74 1.11 0.00	34.15 1.09 0.00	37.75 1.02 0.00	41.79 0.92 0.00	51.68 0.87 -0.37	47.22 0.77 -0.81	43.70 0.60 -0.89	49.72 0.68 -0.14	49.13 0.82 0.02	51.73 0.43 0.00	51.73 0.47 0.00	50.03 0.71 0.02	51.04 0.72 0.00	45.29 0.62 0.09	51.32 0.61 0.00	68.73 0.62 0.00	65.47 0.73 0.00	64.84 0.75 0.00	56.62 0.48 0.00	49.94 0.48 0.00	38.19 0.60 0.00
ENORWICH_115KV_TB1 80156	58.04 3.23 -0.44	44.35 2.50 0.00	39.85 2.16 0.00	36.64 2.01 0.00	35.04 1.98 0.00	39.13 2.41 0.00	43.51 2.63 0.00	53.35 2.91 0.00	48.33 2.69 0.00	44.37 2.16 0.00	51.14 2.24 0.00	50.33 2.00 0.00	53.58 2.28 0.00	53.12 1.86 0.00	51.00 1.67 0.00	51.95 1.62 0.00	46.49 1.73 0.00	53.34 2.64 0.00	71.83 3.72 0.00	69.29 4.54 0.00	68.67 4.58 0.00	59.81 3.67 0.00	52.07 2.61 0.00	39.45 1.87 0.00
ERIE_ST__34_KV_TB1-2 80199	52.51 -1.86 0.00	40.50 -1.35 0.00	36.35 -1.35 0.00	33.50 -1.13 0.00	32.13 -0.93 0.00	36.03 -0.69 0.00	39.73 -1.14 0.00	48.20 -2.24 0.00	43.94 -1.70 0.00	41.03 -1.18 0.00	47.51 -1.39 0.00	46.16 -2.17 0.00	50.08 -1.21 0.00	49.53 -1.73 0.00	47.10 -2.24 0.00	47.97 -2.35 0.00	42.69 -2.07 0.00	49.33 -1.38 0.00	65.55 -2.56 0.00	62.61 -3.13 0.00	61.87 -2.22 0.00	53.78 -2.36 0.00	47.32 -2.15 0.00	36.59 -1.00 0.00
ERIE_WT_PWR 323693	52.26 -2.11 0.00	40.38 -1.47 0.00	36.25 -1.44 0.00	33.43 -1.21 0.00	32.07 -1.00 0.00	35.94 -0.78 0.00	39.63 -1.25 0.00	48.03 -2.41 0.00	43.75 -1.89 0.00	40.82 -1.39 0.00	47.25 -1.64 0.00	45.87 -2.46 0.00	49.76 -1.53 0.00	49.16 -2.10 0.00	46.74 -2.59 0.00	47.59 -2.74 0.00	42.33 -2.43 0.00	48.92 -1.79 0.00	64.99 -3.13 0.00	62.14 -2.60 0.00	61.49 -2.59 0.00	53.49 -2.65 0.00	47.09 -2.38 0.00	36.45 -1.14 0.00
ESPRGFLD_115KV_TB1 80157	56.73 2.36 0.00	43.50 1.65 0.00	39.15 1.45 0.00	35.94 1.30 0.00	34.32 1.25 0.00	38.21 1.49 0.00	42.65 1.78 0.00	52.42 1.98 0.00	47.48 1.84 0.00	43.94 1.73 0.00	50.81 1.91 0.00	50.15 1.81 0.00	53.37 2.08 0.00	53.15 1.89 0.00	51.17 1.84 0.00	52.10 1.78 0.00	46.42 1.66 0.00	52.65 1.94 0.00	70.62 2.51 0.00	67.78 3.04 0.00	67.10 3.01 0.00	58.85 2.71 0.00	51.77 2.30 0.00	39.15 1.57 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	55.44 0.46 -0.61	42.30 0.45 0.00	38.07 0.38 0.00	35.04 0.41 0.00	33.51 0.45 0.00	37.32 0.60 0.00	41.52 0.64 0.00	50.87 0.43 0.00	46.05 0.40 0.00	42.42 0.21 0.00	48.99 0.09 0.00	48.20 -0.13 0.00	51.37 0.08 0.00	51.24 -0.02 0.00	49.28 -0.05 0.00	50.19 -0.13 0.00	44.68 -0.08 0.00	50.88 0.17 0.00	68.41 0.30 0.00	65.66 0.92 0.00	65.05 0.97 0.00	56.84 0.70 0.00	49.96 0.49 0.00	37.99 0.40 0.00
ETNA____115KV_TB2 80207	55.44 0.46 -0.61	42.30 0.45 0.00	38.07 0.38 0.00	35.04 0.41 0.00	33.51 0.45 0.00	37.32 0.60 0.00	41.52 0.64 0.00	50.87 0.43 0.00	46.05 0.40 0.00	42.42 0.21 0.00	48.99 0.09 0.00	48.20 -0.13 0.00	51.37 0.08 0.00	51.24 -0.02 0.00	49.28 -0.05 0.00	50.19 -0.13 0.00	44.68 -0.08 0.00	50.88 0.17 0.00	68.41 0.30 0.00	65.66 0.92 0.00	65.05 0.97 0.00	56.84 0.70 0.00	49.96 0.49 0.00	37.99 0.40 0.00
EUCLID___115KV_TB2 356179	53.67 -1.20 -0.50	41.00 -0.85 0.00	36.96 -0.74 0.00	33.99 -0.64 0.00	32.49 -0.58 0.00	36.18 -0.55 0.00	40.26 -0.65 -0.03	49.82 -1.01 -0.39	44.73 -0.91 0.00	41.39 -0.82 0.00	47.87 -1.03 0.00	47.25 -1.08 0.00	50.24 -1.05 0.00	50.16 -1.10 0.00	48.28 -1.05 0.00	49.30 -1.02 0.00	43.91 -0.85 0.00	49.88 -0.82 0.00	66.95 -1.30 -0.14	63.79 -1.08 -0.12	63.22 -1.10 -0.23	55.12 -1.02 0.00	48.52 -0.94 0.00	36.93 -0.66 0.00
E_CANADA_CAP_HY 24051	57.30 2.93 0.00	43.92 2.07 0.00	39.47 1.78 0.00	36.23 1.60 0.00	34.61 1.54 0.00	38.52 1.80 0.00	42.96 2.08 0.00	52.72 2.28 0.00	47.58 1.94 0.00	43.80 1.59 0.00	50.44 1.54 0.01	49.86 1.54 0.01	52.91 1.62 0.00	52.70 1.44 0.00	50.83 1.50 0.01	51.82 1.49 0.00	46.16 1.44 0.04	52.32 1.61 0.00	70.39 2.29 0.00	67.95 3.20 0.00	67.64 3.55 0.00	59.38 3.24 0.00	52.25 2.78 0.00	39.49 1.91 0.00
E_CANADA_MHWK_HY 24050	55.11 0.74 0.00	42.78 0.93 0.00	38.66 0.97 0.00	35.56 0.93 0.00	33.97 0.91 0.00	37.63 0.91 0.00	41.59 0.71 0.00	50.84 0.40 0.00	45.82 0.18 0.00	41.91 -0.30 0.00	48.26 -0.64 0.00	48.14 -0.19 0.00	50.68 -0.61 0.00	50.59 -0.68 0.00	49.14 -0.19 0.00	50.35 0.03 0.00	44.74 -0.02 0.00	50.65 -0.06 0.00	68.52 0.41 0.00	65.85 1.10 0.00	65.63 1.54 0.00	56.99 0.85 0.00	50.04 0.57 0.00	38.03 0.44 0.00
E_FISHKILL___LBMP 23776	56.64 2.26 0.00	43.80 1.95 0.00	39.39 1.70 0.00	36.24 1.60 0.00	34.57 1.51 0.00	38.16 1.44 0.00	42.46 1.59 0.00	52.74 1.77 -0.53	48.69 1.90 -1.15	45.39 1.91 -1.27	51.58 2.48 -0.20	50.97 2.70 0.06	54.07 2.78 0.00	54.07 2.81 0.00	52.33 3.04 0.04	53.31 2.99 0.00	47.25 2.74 0.25	53.56 2.85 0.00	71.37 3.26 0.00	67.92 3.17 0.00	66.82 2.73 0.00	58.31 2.17 0.00	51.60 2.13 0.00	39.30 1.71 0.00
FALCON___SEABRD_CC1 323796	55.77 1.40 0.00	42.96 1.11 0.00	38.57 0.88 0.00	35.29 0.66 0.00	33.66 0.60 0.00	37.36 0.64 0.00	41.90 1.02 0.00	52.28 1.84 0.00	46.93 1.29 0.00	43.31 1.10 0.00	50.12 1.22 0.00	49.20 0.87 0.00	52.50 1.21 0.00	52.60 1.34 0.00	50.43 1.09 0.00	51.45 1.13 0.00	45.58 0.82 0.00	52.03 1.33 0.00	69.81 1.70 0.00	66.58 1.84 0.00	66.35 2.26 0.00	57.96 1.82 0.00	51.06 1.59 0.00	38.85 1.27 0.00
FALCON___SEABRD_CC2 323797	55.77 1.40 0.00	42.96 1.11 0.00	38.57 0.88 0.00	35.29 0.66 0.00	33.66 0.60 0.00	37.36 0.64 0.00	41.90 1.02 0.00	52.28 1.84 0.00	46.93 1.29 0.00	43.31 1.10 0.00	50.12 1.22 0.00	49.20 0.87 0.00	52.50 1.21 0.00	52.60 1.34 0.00	50.43 1.09 0.00	51.45 1.13 0.00	45.58 0.82 0.00	52.03 1.33 0.00	69.81 1.70 0.00	66.58 1.84 0.00	66.35 2.26 0.00	57.96 1.82 0.00	51.06 1.59 0.00	38.85 1.27 0.00

FAR ROCKAWAY___4 23548	59.48 4.73 -0.38	49.29 4.11 -3.33	41.10 3.40 0.00	37.69 3.06 0.00	35.89 2.82 0.00	39.57 2.85 0.00	44.20 3.33 0.00	56.55 3.88 -2.24	54.50 4.02 -4.85	51.54 4.01 -5.33	55.73 5.08 -1.75	56.21 5.30 -2.58	63.46 5.24 -6.93	56.77 5.16 -0.35	78.04 5.53 -23.18	67.03 5.48 -11.22	55.45 4.61 -6.08	55.52 4.82 0.00	73.87 5.76 0.00	70.11 5.36 0.00	68.81 4.72 0.00	60.10 3.96 0.00	53.55 4.08 0.00	40.83 3.25 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	57.72 3.35 0.00	44.64 2.79 0.00	40.11 2.42 0.00	36.86 2.23 0.00	35.14 2.08 0.00	38.78 2.06 0.00	43.27 2.39 0.00	55.47 2.79 -2.25	53.54 3.03 -4.87	50.66 3.10 -5.35	53.75 4.00 -0.85	52.92 4.24 -0.34	55.59 4.30 0.00	55.57 4.32 0.00	54.21 4.65 -0.23	54.91 4.59 0.00	50.29 4.18 -1.34	55.01 4.31 0.00	73.00 4.89 0.00	69.43 4.69 0.00	68.13 4.05 0.00	59.43 3.29 0.00	52.81 3.34 0.00	40.22 2.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	57.77 3.40 0.00	44.67 2.82 0.00	40.14 2.44 0.00	36.88 2.25 0.00	35.17 2.10 0.00	38.80 2.07 0.00	43.30 2.42 0.00	55.50 2.81 -2.25	53.56 3.05 -4.87	50.68 3.12 -5.35	53.77 4.01 -0.85	52.92 4.25 -0.34	55.62 4.33 0.00	55.61 4.35 0.00	54.22 4.66 -0.23	54.92 4.60 0.00	50.30 4.20 -1.34	55.04 4.33 0.00	73.04 4.93 0.00	69.48 4.73 0.00	68.18 4.09 0.00	59.48 3.34 0.00	52.83 3.37 0.00	40.25 2.66 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	57.67 3.30 0.00	44.61 2.76 0.00	40.08 2.39 0.00	36.83 2.20 0.00	35.12 2.06 0.00	38.75 2.03 0.00	43.25 2.37 0.00	55.44 2.76 -2.25	53.51 3.01 -4.87	50.64 3.07 -5.35	53.71 3.96 -0.85	52.87 4.20 -0.34	55.55 4.26 0.00	55.54 4.28 0.00	54.17 4.61 -0.23	54.86 4.54 0.00	50.24 4.14 -1.34	54.96 4.26 0.00	72.94 4.83 0.00	69.37 4.62 0.00	68.07 3.98 0.00	59.37 3.23 0.00	52.76 3.29 0.00	40.18 2.59 0.00
FARRAGUT___LBMP 323566	57.63 3.26 0.00	44.58 2.72 0.00	40.05 2.36 0.00	36.80 2.16 0.00	35.09 2.03 0.00	38.72 1.99 0.00	43.20 2.32 0.00	55.38 2.70 -2.25	53.45 2.94 -4.87	50.58 3.02 -5.35	53.65 3.90 -0.85	52.81 4.14 -0.34	55.48 4.19 0.00	55.47 4.21 0.00	54.09 4.53 -0.23	54.80 4.48 0.00	50.19 4.08 -1.34	54.90 4.19 0.00	72.85 4.74 0.00	69.30 4.56 0.00	68.00 3.91 0.00	59.32 3.18 0.00	52.72 3.25 0.00	40.15 2.56 0.00
FENNER___WINDPWR 24204	55.69 0.86 -0.47	42.53 0.68 0.00	38.29 0.59 0.00	35.20 0.57 0.00	33.65 0.58 0.00	37.45 0.73 0.00	41.66 0.78 0.00	51.28 0.84 0.00	46.98 1.34 0.00	43.29 1.08 0.00	49.84 0.94 0.00	49.21 0.88 0.00	52.19 0.90 0.00	52.18 0.92 0.00	50.23 0.90 0.00	51.39 1.07 0.00	45.94 1.18 0.00	52.17 1.47 0.00	70.15 2.04 0.00	67.04 2.29 0.00	66.58 2.49 0.00	58.27 2.13 0.00	51.16 1.70 0.00	38.79 1.20 0.00
FIBERTEK___ENERGY 23856	54.85 -0.59 -1.07	41.48 -0.37 0.00	37.38 -0.32 0.00	34.38 -0.25 0.00	32.87 -0.19 0.00	36.58 -0.14 0.00	40.75 -0.19 -0.06	50.81 -0.48 -0.86	45.22 -0.43 -0.01	41.81 -0.40 0.00	48.37 -0.52 0.00	47.71 -0.62 0.00	50.73 -0.56 0.00	50.66 -0.60 0.00	48.75 -0.57 0.00	49.78 -0.54 0.00	44.34 -0.42 0.00	50.42 -0.28 0.00	67.89 -0.56 -0.35	64.73 -0.30 -0.29	64.28 -0.35 -0.54	55.76 -0.37 0.00	49.07 -0.40 0.00	37.32 -0.26 0.00
FITZPATRICK___ 23598	46.60 -1.90 5.87	40.48 -1.38 0.00	36.47 -1.22 0.00	33.53 -1.10 0.00	32.05 -1.02 0.00	35.65 -1.08 0.00	39.08 -1.23 0.57	39.80 -1.69 8.95	43.96 -1.56 0.12	40.80 -1.41 0.00	47.17 -1.73 0.00	46.58 -1.75 0.00	49.49 -1.80 0.00	49.44 -1.83 0.00	47.58 -1.76 0.00	48.58 -1.74 0.00	43.26 -1.50 0.00	49.12 -1.59 0.00	61.39 -2.34 4.38	59.00 -2.10 3.65	55.16 -2.08 6.85	54.31 -1.83 0.00	47.85 -1.61 0.00	36.42 -1.17 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	57.53 3.16 0.00	44.42 2.57 0.00	39.92 2.23 0.00	36.70 2.06 0.00	35.01 1.94 0.00	38.65 1.93 0.00	43.16 2.28 0.00	53.24 2.80 0.00	48.55 2.91 0.00	45.10 2.88 0.00	52.60 3.70 0.00	52.24 3.92 0.02	55.28 3.99 0.00	55.10 3.84 0.00	53.34 4.02 0.01	54.36 4.04 0.00	48.39 3.70 0.07	54.71 4.01 0.00	72.92 4.82 0.00	69.36 4.61 0.00	68.18 4.09 0.00	59.41 3.27 0.00	52.47 3.01 0.00	39.89 2.30 0.00
FORT ORANGE___ 23900	55.29 0.92 0.00	42.83 0.98 0.00	38.65 0.96 0.00	35.61 0.98 0.00	34.02 0.96 0.00	37.63 0.91 0.00	41.69 0.82 0.00	51.20 0.76 0.00	46.29 0.65 0.00	42.72 0.51 0.00	49.42 0.53 0.00	48.98 0.67 0.02	51.80 0.51 0.00	51.82 0.56 0.00	50.07 0.75 0.01	51.11 0.78 0.00	45.47 0.78 0.07	51.54 0.83 0.00	69.10 0.99 0.00	65.93 1.19 0.00	65.28 1.19 0.00	56.98 0.84 0.00	50.18 0.72 0.00	38.32 0.74 0.00
FORT_DRUM_COGEN 23780	57.63 2.48 -0.79	43.39 1.55 0.00	38.72 1.03 0.00	35.68 1.05 0.00	34.22 1.15 0.00	38.07 1.35 0.00	42.55 1.61 -0.06	53.27 1.97 -0.86	47.03 1.38 -0.01	42.89 0.68 0.00	49.22 0.32 0.00	48.19 -0.13 0.00	51.18 -0.11 0.00	51.45 0.19 0.00	49.48 0.15 0.00	50.42 0.09 0.00	44.81 0.06 0.00	51.14 0.43 0.00	69.75 1.27 -0.37	67.29 2.24 -0.31	68.07 3.40 -0.58	59.59 3.45 0.00	52.19 2.72 0.00	39.40 1.81 0.00
FOX_HILLS___ESR 323835	57.56 3.19 0.00	44.41 2.56 0.00	39.98 2.29 0.00	36.70 2.07 0.00	35.00 1.94 0.00	38.67 1.95 0.00	43.21 2.34 0.00	55.29 2.61 -2.24	53.36 2.86 -4.86	50.46 2.91 -5.34	53.44 3.70 -0.85	52.15 4.02 0.20	55.20 4.02 0.11	54.59 3.90 0.57	53.69 4.40 0.04	54.70 4.37 0.00	50.10 4.00 -1.34	54.57 3.86 0.00	72.55 4.45 0.00	69.31 4.56 0.00	68.04 3.95 0.00	59.43 3.29 0.00	52.86 3.39 0.00	40.43 2.83 0.00
FPL_FAR_ROCK_GT1 24212	59.47 4.72 -0.38	49.29 4.10 -3.33	41.11 3.41 0.00	37.70 3.06 0.00	35.89 2.82 0.00	39.57 2.85 0.00	44.20 3.33 0.00	56.56 3.88 -2.24	54.51 4.02 -4.85	51.54 4.00 -5.33	55.74 5.09 -1.75	56.21 5.30 -2.58	63.38 5.16 -6.93	56.77 5.16 -0.35	78.05 5.54 -23.18	67.03 5.48 -11.22	55.45 4.61 -6.08	55.53 4.82 0.00	73.87 5.76 0.00	70.11 5.36 0.00	68.82 4.72 0.00	60.10 3.96 0.00	53.55 4.08 0.00	40.84 3.25 0.00
FPL_FAR_ROCK_GT2 23815	59.47 4.72 -0.38	49.29 4.10 -3.33	41.11 3.41 0.00	37.70 3.06 0.00	35.89 2.82 0.00	39.57 2.85 0.00	44.20 3.33 0.00	56.56 3.88 -2.24	54.51 4.02 -4.85	51.54 4.00 -5.33	55.74 5.09 -1.75	56.21 5.30 -2.58	63.38 5.16 -6.93	56.77 5.16 -0.35	78.05 5.54 -23.18	67.03 5.48 -11.22	55.45 4.61 -6.08	55.53 4.82 0.00	73.87 5.76 0.00	70.11 5.36 0.00	68.82 4.72 0.00	60.10 3.96 0.00	53.55 4.08 0.00	40.84 3.25 0.00
FRANKLIN_FALL_HYD 24054	55.95 1.58 0.00	42.86 1.00 0.00	38.45 0.75 0.00	35.18 0.54 0.00	33.57 0.51 0.00	37.38 0.65 0.00	41.80 0.93 0.00	51.71 1.28 0.00	46.42 0.77 0.00	42.82 0.61 0.00	49.52 0.62 0.00	48.47 0.14 0.00	51.76 0.47 0.00	51.87 0.61 0.00	49.41 0.08 0.00	50.36 0.04 0.00	44.70 -0.06 0.00	50.87 0.17 0.00	68.78 0.67 0.00	65.59 0.84 0.00	65.48 1.39 0.00	57.58 1.44 0.00	50.66 1.19 0.00	38.42 0.83 0.00

GILBOA____ 23599	55.31 0.94 0.00	42.79 0.94 0.00	38.78 1.08 0.00	35.70 1.06 0.00	34.07 1.01 0.00	37.71 0.99 0.00	41.91 1.03 0.00	51.32 0.88 0.00	46.40 0.76 0.00	42.94 0.73 0.00	49.85 0.95 0.00	49.40 1.07 0.00	52.38 1.09 0.00	52.34 1.08 0.00	50.58 1.25 0.00	51.54 1.22 0.00	45.88 1.12 0.00	51.72 1.01 0.00	69.11 1.00 0.00	65.83 1.08 0.00	65.13 1.04 0.00	56.99 0.85 0.00	50.33 0.86 0.00	38.34 0.75 0.00
GINNA____ 23603	51.02 -3.35 0.00	39.33 -2.52 0.00	35.33 -2.36 0.00	32.50 -2.13 0.00	31.13 -1.94 0.00	34.91 -1.81 0.00	38.76 -2.12 0.00	47.48 -2.96 0.00	43.08 -2.56 0.00	39.97 -2.24 0.00	46.23 -2.67 0.00	45.34 -2.99 0.00	48.46 -2.83 0.00	48.27 -2.99 0.00	46.21 -3.13 0.00	47.17 -3.16 0.00	42.04 -2.72 0.00	48.12 -2.59 0.00	64.45 -3.66 0.00	61.54 -3.21 0.00	60.82 -3.27 0.00	53.02 -3.12 0.00	46.56 -2.91 0.00	35.56 -2.02 0.00
GLEN PARK____ 23778	57.93 2.73 -0.83	43.59 1.74 0.00	38.90 1.20 0.00	35.84 1.21 0.00	34.36 1.30 0.00	38.25 1.52 0.00	42.74 1.80 -0.06	53.55 2.20 -0.91	47.19 1.54 -0.01	42.99 0.78 0.00	49.31 0.42 0.00	48.20 -0.12 0.00	51.17 -0.12 0.00	51.49 0.23 0.00	49.52 0.18 0.00	50.37 0.05 0.00	44.76 -0.01 0.00	51.08 0.38 0.00	69.78 1.28 -0.39	67.41 2.34 -0.33	68.40 3.69 -0.62	59.91 3.77 0.00	52.45 2.98 0.00	39.58 1.99 0.00
GLENDALE_27_KV_LOAD 356172	57.87 3.49 0.00	44.73 2.88 0.00	40.22 2.53 0.00	36.93 2.29 0.00	35.22 2.15 0.00	38.90 2.18 0.00	43.48 2.61 0.00	55.72 3.04 -2.24	53.81 3.31 -4.86	50.92 3.36 -5.34	54.00 4.25 -0.85	53.24 4.57 -0.34	55.89 4.60 0.00	55.77 4.50 0.00	54.41 4.85 -0.23	55.11 4.79 0.00	50.51 4.40 -1.34	55.00 4.29 0.00	72.90 4.79 0.00	69.49 4.74 0.00	68.20 4.11 0.00	59.63 3.49 0.00	53.06 3.59 0.00	40.45 2.86 0.00
GLENWOOD_IC_1_G5 23712	58.49 3.74 -0.38	46.69 3.19 -1.65	40.38 2.69 0.00	37.08 2.45 0.00	35.33 2.27 0.00	38.97 2.24 0.00	43.47 2.60 0.00	55.71 3.03 -2.24	53.71 3.23 -4.85	50.79 3.25 -5.33	54.86 4.24 -1.72	55.00 4.49 -2.17	58.28 4.57 -2.41	56.13 4.54 -0.33	63.96 4.68 -9.94	63.76 4.50 -8.93	55.12 3.96 -6.39	54.83 4.13 0.00	72.86 4.76 0.00	69.18 4.44 0.00	67.95 3.87 0.00	59.66 3.52 0.00	53.04 3.57 0.00	40.32 2.73 0.00
GLENWOOD_IC_2_G1 23688	58.13 3.39 -0.37	46.12 2.89 -1.38	40.15 2.46 0.00	36.88 2.24 0.00	35.15 2.09 0.00	38.77 2.05 0.00	43.24 2.37 0.00	55.39 2.72 -2.24	53.40 2.91 -4.85	50.49 2.96 -5.33	54.47 3.86 -1.71	54.48 4.11 -2.04	55.43 4.13 0.00	55.41 4.15 0.00	54.00 4.44 -0.23	54.69 4.37 0.00	50.00 3.89 -1.35	54.75 4.05 0.00	72.78 4.67 0.00	69.18 4.43 0.00	67.92 3.84 0.00	59.32 3.19 0.00	52.72 3.25 0.00	40.11 2.53 0.00
GLENWOOD_IC_3_G1 23689	58.13 3.39 -0.37	46.12 2.89 -1.38	40.15 2.46 0.00	36.88 2.24 0.00	35.15 2.09 0.00	38.77 2.05 0.00	43.24 2.37 0.00	55.39 2.72 -2.24	53.40 2.91 -4.85	50.49 2.96 -5.33	54.47 3.86 -1.71	54.48 4.11 -2.04	55.43 4.13 0.00	55.41 4.15 0.00	54.00 4.44 -0.23	54.69 4.37 0.00	50.00 3.89 -1.35	54.75 4.05 0.00	72.78 4.67 0.00	69.18 4.43 0.00	67.92 3.84 0.00	59.32 3.19 0.00	52.72 3.25 0.00	40.11 2.53 0.00
GLENWOOD____4 23550	58.49 3.74 -0.38	46.69 3.19 -1.65	40.38 2.69 0.00	37.08 2.45 0.00	35.33 2.27 0.00	38.97 2.24 0.00	43.47 2.60 0.00	55.71 3.03 -2.24	53.71 3.23 -4.85	50.79 3.25 -5.33	54.86 4.24 -1.72	55.00 4.49 -2.17	58.28 4.57 -2.41	56.13 4.54 -0.33	64.02 4.75 -9.94	63.87 4.62 -8.93	55.22 4.07 -6.39	54.95 4.25 0.00	73.02 4.91 0.00	69.34 4.59 0.00	68.09 4.00 0.00	59.66 3.52 0.00	53.04 3.57 0.00	40.32 2.73 0.00
GLENWOOD____5 23614	58.49 3.74 -0.38	46.69 3.19 -1.65	40.38 2.69 0.00	37.08 2.45 0.00	35.33 2.27 0.00	38.97 2.24 0.00	43.47 2.60 0.00	55.71 3.03 -2.24	53.71 3.23 -4.85	50.79 3.25 -5.33	54.86 4.24 -1.72	55.00 4.49 -2.17	58.28 4.57 -2.41	56.13 4.54 -0.33	64.02 4.75 -9.94	63.87 4.62 -8.93	55.22 4.07 -6.39	54.95 4.25 0.00	73.02 4.91 0.00	69.34 4.59 0.00	68.09 4.00 0.00	59.66 3.52 0.00	53.04 3.57 0.00	40.32 2.73 0.00
GLOBAL GREEN_PORT_GT1 23814	60.01 5.26 -0.37	47.96 4.84 -1.26	41.60 3.90 0.00	38.30 3.67 0.00	36.41 3.35 0.00	40.01 3.29 0.00	45.22 4.35 0.00	57.92 5.25 -2.24	55.82 5.34 -4.85	52.99 5.46 -5.33	57.63 7.02 -1.71	57.72 7.37 -2.02	58.77 7.03 -0.45	58.61 7.16 -0.18	69.03 6.51 -13.19	170.03 6.56 -113.15	54.77 5.75 -4.27	56.77 6.06 -0.01	75.26 7.15 0.00	71.92 7.17 0.00	70.49 6.40 0.00	61.74 5.64 0.04	55.56 6.09 0.00	42.07 4.49 0.00
GLOBE____DSASP 323697	50.34 -4.03 0.00	38.98 -2.88 0.00	34.97 -2.72 0.00	32.22 -2.42 0.00	30.92 -2.14 0.00	34.71 -2.01 0.00	38.08 -2.79 0.00	46.12 -4.32 0.00	41.96 -3.68 0.00	39.21 -3.01 0.00	45.27 -3.63 0.00	43.84 -4.50 0.00	47.54 -3.76 0.00	47.11 -4.16 0.00	44.57 -4.77 0.00	45.46 -4.87 0.00	40.42 -4.34 0.00	46.74 -3.96 0.00	62.04 -6.06 0.00	59.21 -5.54 0.00	58.65 -5.44 0.00	51.08 -5.06 0.00	45.08 -4.38 0.00	35.01 -2.58 0.00
GOETHSLN____LBMP 323567	57.31 2.94 0.00	44.35 2.50 0.00	39.87 2.17 0.00	36.65 2.01 0.00	34.93 1.87 0.00	38.54 1.81 0.00	42.99 2.12 0.00	55.06 2.38 -2.25	53.18 2.67 -4.87	50.36 2.79 -5.35	53.37 3.62 -0.85	51.98 3.85 0.19	55.09 3.90 0.10	54.58 3.89 0.57	53.52 4.23 0.04	54.50 4.18 0.00	49.98 3.88 -1.34	54.65 3.94 0.00	72.48 4.37 0.00	68.97 4.22 0.00	67.64 3.55 0.00	59.03 2.90 0.00	52.47 3.01 0.00	40.00 2.41 0.00
GOLAH____69_KV_TB 1_2 80279	53.50 -0.87 0.00	41.25 -0.60 0.00	37.03 -0.66 0.00	34.08 -0.56 0.00	32.65 -0.42 0.00	36.65 -0.07 0.00	40.58 -0.29 0.00	49.57 -0.87 0.00	45.02 -0.62 0.00	41.90 -0.31 0.00	48.29 -0.61 0.00	47.30 -1.03 0.00	50.72 -0.58 0.00	50.42 -0.84 0.00	48.14 -1.19 0.00	49.12 -1.20 0.00	43.73 -1.03 0.00	50.20 -0.50 0.00	67.16 -0.95 0.00	64.27 -0.47 0.00	63.69 -0.39 0.00	55.52 -0.62 0.00	48.75 -0.72 0.00	37.36 -0.23 0.00
GOODYEAR_LAKE_HYD 323669	56.14 1.77 0.00	43.22 1.36 0.00	38.96 1.27 0.00	35.80 1.16 0.00	34.18 1.12 0.00	37.98 1.26 0.00	42.34 1.47 0.00	51.99 1.55 0.00	47.11 1.47 0.00	43.68 1.47 0.00	50.64 1.74 0.00	50.05 1.72 0.00	53.24 1.95 0.00	53.08 1.82 0.00	51.15 1.82 0.00	52.09 1.76 0.00	46.38 1.62 0.00	52.59 1.88 0.00	70.43 2.32 0.00	67.32 2.57 0.00	66.48 2.39 0.00	58.16 2.02 0.00	51.17 1.70 0.00	38.83 1.24 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	54.51 -0.27 -0.41	41.76 -0.10 0.00	37.61 -0.09 0.00	34.65 0.02 0.00	33.12 0.06 0.00	36.90 0.18 0.00	41.01 0.14 0.00	50.20 -0.24 0.00	45.51 -0.13 0.00	42.20 -0.01 0.00	48.94 0.04 0.00	48.21 -0.12 0.00	51.55 0.26 0.00	51.32 0.06 0.00	49.41 0.08 0.00	50.30 -0.03 0.00	44.78 0.02 0.00	50.94 0.23 0.00	68.16 0.05 0.00	65.04 0.29 0.00	64.18 0.09 0.00	56.07 -0.08 0.00	49.35 -0.12 0.00	37.62 0.03 0.00

GOWANUS_GT4_5 24134	57.70 3.33 0.00	44.54 2.69 0.00	40.08 2.38 0.00	36.79 2.15 0.00	35.08 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.49 2.81 -2.24	53.55 3.05 -4.86	50.67 3.11 -5.34	53.70 3.95 -0.85	52.96 4.29 -0.34	55.58 4.29 0.00	55.41 4.15 0.00	54.20 4.64 -0.23	54.92 4.59 0.00	50.30 4.20 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.67 0.00	68.14 4.04 0.00	59.54 3.40 0.00	52.97 3.50 0.00	40.44 2.85 0.00
GOWANUS_GT4_6 24135	57.70 3.33 0.00	44.54 2.69 0.00	40.08 2.38 0.00	36.79 2.15 0.00	35.08 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.49 2.81 -2.24	53.55 3.05 -4.86	50.67 3.11 -5.34	53.70 3.95 -0.85	52.96 4.29 -0.34	55.58 4.29 0.00	55.41 4.15 0.00	54.20 4.64 -0.23	54.92 4.59 0.00	50.30 4.20 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.67 0.00	68.14 4.04 0.00	59.54 3.40 0.00	52.97 3.50 0.00	40.44 2.85 0.00
GOWANUS_GT4_7 24136	57.70 3.33 0.00	44.54 2.69 0.00	40.08 2.38 0.00	36.79 2.15 0.00	35.08 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.49 2.81 -2.24	53.55 3.05 -4.86	50.67 3.11 -5.34	53.70 3.95 -0.85	52.96 4.29 -0.34	55.58 4.29 0.00	55.41 4.15 0.00	54.20 4.64 -0.23	54.92 4.59 0.00	50.30 4.20 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.67 0.00	68.14 4.04 0.00	59.54 3.40 0.00	52.97 3.50 0.00	40.44 2.85 0.00
GOWANUS_GT4_8 24137	57.70 3.33 0.00	44.54 2.69 0.00	40.08 2.38 0.00	36.79 2.15 0.00	35.08 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.49 2.81 -2.24	53.55 3.05 -4.86	50.67 3.11 -5.34	53.70 3.95 -0.85	52.96 4.29 -0.34	55.58 4.29 0.00	55.41 4.15 0.00	54.20 4.64 -0.23	54.92 4.59 0.00	50.30 4.20 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.67 0.00	68.14 4.04 0.00	59.54 3.40 0.00	52.97 3.50 0.00	40.44 2.85 0.00
GREATVRV_69_KV_BK1 356245	59.76 5.01 -0.37	47.59 4.43 -1.31	41.36 3.66 0.00	37.92 3.28 0.00	36.06 3.00 0.00	39.70 2.98 0.00	44.48 3.60 0.00	56.93 4.25 -2.24	54.83 4.34 -4.85	51.79 4.25 -5.33	56.02 5.42 -1.71	56.10 5.73 -2.04	57.43 5.55 -0.59	56.97 5.52 -0.19	68.41 5.89 -13.19	165.59 5.98 -109.28	54.21 5.10 -4.35	56.03 5.32 -0.01	74.42 6.31 0.00	70.53 5.78 0.00	69.18 5.09 0.00	60.36 4.27 0.04	54.25 4.78 0.00	41.16 3.57 0.00
GREENBSH_115KV_TB3 55895	54.97 0.59 0.00	42.58 0.74 0.00	38.45 0.75 0.00	35.42 0.79 0.00	33.84 0.78 0.00	37.43 0.70 0.00	41.45 0.57 0.00	50.92 0.48 0.00	46.10 0.46 0.00	42.57 0.36 0.00	49.28 0.38 0.00	48.85 0.54 0.02	51.68 0.39 0.00	51.69 0.42 0.00	49.95 0.63 0.01	50.98 0.65 0.00	45.31 0.62 0.07	51.32 0.62 0.00	68.75 0.64 0.00	65.49 0.75 0.00	64.79 0.70 0.00	56.56 0.42 0.00	49.84 0.38 0.00	38.10 0.51 0.00
GREENDGE_115KV_TB5 80291	53.86 -0.86 -0.34	41.52 -0.33 0.00	37.34 -0.36 0.00	34.44 -0.20 0.00	33.00 -0.07 0.00	36.92 0.20 0.00	41.05 0.18 0.00	50.00 -0.45 0.00	45.48 -0.16 0.00	42.14 -0.07 0.00	48.60 -0.30 0.00	47.72 -0.61 0.00	50.87 -0.43 0.00	50.65 -0.61 0.00	48.46 -0.88 0.00	49.13 -1.19 0.00	43.90 -0.86 0.00	50.06 -0.64 0.00	67.10 -1.01 0.00	64.45 -0.29 0.00	63.87 -0.22 0.00	55.67 -0.47 0.00	49.08 -0.39 0.00	37.58 -0.01 0.00
GREENIDGE___3 23582	53.86 -0.86 -0.34	41.52 -0.33 0.00	37.34 -0.36 0.00	34.44 -0.20 0.00	33.00 -0.07 0.00	36.92 0.20 0.00	41.05 0.18 0.00	50.00 -0.45 0.00	45.48 -0.16 0.00	42.14 -0.07 0.00	48.60 -0.30 0.00	47.72 -0.61 0.00	50.87 -0.43 0.00	50.65 -0.61 0.00	48.46 -0.88 0.00	49.13 -1.19 0.00	43.90 -0.86 0.00	50.06 -0.64 0.00	67.10 -1.01 0.00	64.45 -0.29 0.00	63.87 -0.22 0.00	55.67 -0.47 0.00	49.08 -0.39 0.00	37.58 -0.01 0.00
GREENIDGE___4 23583	53.85 -0.86 -0.34	41.52 -0.33 0.00	37.34 -0.36 0.00	34.44 -0.20 0.00	33.00 -0.07 0.00	36.92 0.20 0.00	41.06 0.18 0.00	50.00 -0.44 0.00	45.49 -0.15 0.00	42.14 -0.07 0.00	48.60 -0.30 0.00	47.71 -0.62 0.00	50.86 -0.43 0.00	50.62 -0.64 0.00	48.42 -0.91 0.00	49.13 -1.19 0.00	43.90 -0.86 0.00	50.07 -0.64 0.00	67.10 -1.01 0.00	64.46 -0.29 0.00	63.87 -0.22 0.00	55.67 -0.47 0.00	49.09 -0.38 0.00	37.58 -0.01 0.00
GREENLWN_69_KV_BK 3 55738	58.14 3.40 -0.37	46.58 3.35 -1.38	40.53 2.84 0.00	37.18 2.54 0.00	35.38 2.31 0.00	39.01 2.28 0.00	43.60 2.73 0.00	55.79 3.12 -2.24	53.68 3.20 -4.85	50.77 3.24 -5.33	54.77 4.16 -1.71	54.50 4.11 -2.06	55.73 3.90 -0.54	55.13 3.68 -0.19	54.81 4.08 -1.41	38.86 3.89 15.36	52.36 3.27 -4.34	53.94 3.23 0.00	71.66 3.55 0.00	67.98 3.23 0.00	66.73 2.64 0.00	58.27 2.24 0.11	52.62 3.15 0.00	40.05 2.47 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.70 3.33 0.00	44.54 2.69 0.00	40.08 2.38 0.00	36.79 2.15 0.00	35.08 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.49 2.81 -2.24	53.55 3.05 -4.86	50.67 3.11 -5.34	53.70 3.95 -0.85	52.96 4.29 -0.34	55.58 4.29 0.00	55.41 4.15 0.00	54.20 4.64 -0.23	54.92 4.59 0.00	50.30 4.20 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.67 0.00	68.14 4.04 0.00	59.54 3.40 0.00	52.97 3.50 0.00	40.44 2.85 0.00
GRISSOM___SOLAR 323813	57.32 2.95 0.00	44.09 2.24 0.00	39.68 1.98 0.00	36.45 1.82 0.00	34.83 1.76 0.00	38.71 1.99 0.00	43.07 2.19 0.00	52.73 2.29 0.00	47.39 1.75 0.00	43.25 1.04 0.00	49.63 0.73 0.00	49.29 0.97 0.01	51.78 0.49 0.00	51.71 0.45 0.00	50.25 0.93 0.01	51.50 1.18 0.00	45.96 1.25 0.05	51.83 1.13 0.00	69.66 1.55 0.00	67.88 3.13 0.00	67.88 3.79 0.00	59.44 3.30 0.00	52.25 2.78 0.00	39.59 2.00 0.00
GROVEVILLE___HYD 323602	57.53 3.16 0.00	44.42 2.57 0.00	39.92 2.23 0.00	36.70 2.06 0.00	35.01 1.94 0.00	38.65 1.93 0.00	43.16 2.28 0.00	53.24 2.80 0.00	48.55 2.91 0.00	45.10 2.88 0.00	52.60 3.70 0.00	52.24 3.92 0.02	55.28 3.99 0.00	55.10 3.84 0.00	53.34 4.02 0.01	54.36 4.04 0.00	48.39 3.70 0.07	54.71 4.01 0.00	72.92 4.82 0.00	69.36 4.61 0.00	68.18 4.09 0.00	59.41 3.27 0.00	52.47 3.01 0.00	39.89 2.30 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	54.85 -0.59 -1.07	41.48 -0.37 0.00	37.38 -0.32 0.00	34.38 -0.25 0.00	32.87 -0.19 0.00	36.58 -0.14 0.00	40.75 -0.19 -0.06	50.81 -0.48 -0.86	45.22 -0.43 -0.01	41.81 -0.40 0.00	48.37 -0.52 0.00	47.71 -0.62 0.00	50.73 -0.56 0.00	50.66 -0.60 0.00	48.75 -0.57 0.00	49.78 -0.54 0.00	44.34 -0.42 0.00	50.42 -0.28 0.00	67.89 -0.56 -0.35	64.73 -0.30 -0.29	64.28 -0.35 -0.54	55.76 -0.37 0.00	49.07 -0.40 0.00	37.32 -0.26 0.00
HAMLTNNY_34_KV_TB 80303	54.85 -0.54 -1.02	41.56 -0.29 0.00	37.43 -0.27 0.00	34.43 -0.21 0.00	32.93 -0.13 0.00	36.70 -0.02 0.00	40.88 -0.05 -0.06	50.81 -0.43 -0.80	45.32 -0.33 -0.01	41.85 -0.37 0.00	48.39 -0.51 0.00	47.70 -0.63 0.00	50.72 -0.57 0.00	50.65 -0.61 0.00	48.70 -0.63 0.00	49.68 -0.64 0.00	44.25 -0.51 0.00	50.39 -0.32 0.00	67.87 -0.56 -0.32	64.81 -0.21 -0.27	64.41 -0.19 -0.50	55.87 -0.27 0.00	49.16 -0.31 0.00	37.43 -0.16 0.00

HAMPSHIRE___PAPER_HYD 323593	56.32 1.62 -0.33	42.80 0.94 0.00	38.30 0.60 0.00	35.20 0.57 0.00	33.69 0.63 0.00	37.52 0.80 0.00	41.85 0.95 -0.02	52.02 1.25 -0.33	46.42 0.78 0.00	42.56 0.35 0.00	49.03 0.14 0.00	48.10 -0.23 0.00	51.22 -0.07 0.00	51.35 0.09 0.00	49.06 -0.27 0.00	49.96 -0.37 0.00	44.43 -0.33 0.00	50.59 -0.11 0.00	68.69 0.44 -0.14	65.83 0.97 -0.12	65.97 1.66 -0.22	58.20 2.06 0.00	51.14 1.67 0.00	38.67 1.09 0.00
HARDSCRABBLE_WT_PWR 323673	55.05 0.67 0.00	42.66 0.80 0.00	38.52 0.83 0.00	35.43 0.80 0.00	33.84 0.77 0.00	37.50 0.78 0.00	41.47 0.59 0.00	50.84 0.40 0.00	45.88 0.23 0.00	42.07 -0.15 0.00	48.49 -0.41 0.00	48.28 -0.05 0.00	50.91 -0.38 0.00	50.80 -0.46 0.00	49.27 -0.06 0.00	50.43 0.11 0.00	44.84 0.08 0.00	50.78 0.07 0.00	68.59 0.48 0.00	65.74 0.99 0.00	65.40 1.31 0.00	56.83 0.69 0.00	49.93 0.46 0.00	37.91 0.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	57.24 2.87 0.00	44.16 2.31 0.00	39.67 1.98 0.00	36.48 1.85 0.00	34.80 1.73 0.00	38.41 1.69 0.00	42.76 1.89 0.00	50.18 2.13 2.39	42.77 2.31 5.18	38.90 2.39 5.69	51.14 3.15 0.91	51.89 3.40 -0.16	54.92 3.62 0.00	54.90 3.64 0.00	53.34 3.90 -0.11	54.19 3.87 0.00	48.93 3.54 -0.64	54.51 3.81 0.00	72.60 4.49 0.00	69.07 4.33 0.00	67.84 3.75 0.00	59.12 2.98 0.00	52.27 2.80 0.00	39.75 2.16 0.00
HARSNRAD_115KV_TB1 81005	51.75 -2.63 0.00	40.06 -1.79 0.00	35.94 -1.75 0.00	33.11 -1.52 0.00	31.78 -1.29 0.00	35.66 -1.07 0.00	39.13 -1.74 0.00	47.26 -3.18 0.00	42.94 -2.70 0.00	40.12 -2.10 0.00	46.30 -2.60 0.00	44.89 -3.44 0.00	48.65 -2.64 0.00	48.17 -3.10 0.00	45.65 -3.68 0.00	46.52 -3.80 0.00	41.39 -3.37 0.00	47.86 -2.84 0.00	63.61 -4.50 0.00	60.80 -3.94 0.00	60.27 -3.82 0.00	52.47 -3.67 0.00	46.25 -3.22 0.00	35.94 -1.65 0.00
HARZA MOOSE___RIVER 24016	56.33 1.67 -0.28	42.97 1.12 0.00	38.49 0.79 0.00	35.45 0.81 0.00	33.94 0.88 0.00	37.77 1.05 0.00	42.06 1.17 -0.02	51.99 1.41 -0.14	46.83 1.19 0.00	42.98 0.77 0.00	49.50 0.60 0.00	48.80 0.47 0.00	51.78 0.48 0.00	51.85 0.60 0.00	49.90 0.56 0.00	50.96 0.64 0.00	45.44 0.68 0.00	51.67 0.96 0.00	69.77 1.66 0.00	66.92 2.17 0.00	66.64 2.55 0.00	58.57 2.43 0.00	51.41 1.95 0.00	38.90 1.31 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	53.92 -1.04 -0.58	41.13 -0.72 0.00	37.09 -0.60 0.00	34.12 -0.51 0.00	32.62 -0.44 0.00	36.30 -0.42 0.00	40.36 -0.52 0.00	49.58 -0.86 0.00	44.87 -0.77 0.00	41.51 -0.70 0.00	48.00 -0.90 0.00	47.38 -0.95 0.00	50.40 -0.89 0.00	50.32 -0.94 0.00	48.44 -0.89 0.00	49.46 -0.87 0.00	44.05 -0.71 0.00	50.04 -0.66 0.00	67.02 -1.09 0.00	63.90 -0.84 0.00	63.18 -0.91 0.00	55.28 -0.86 0.00	48.65 -0.81 0.00	37.02 -0.57 0.00
HELLGATE_13_KV_LD 55870	57.98 3.61 0.00	44.83 2.98 0.00	40.31 2.62 0.00	36.99 2.36 0.00	35.28 2.22 0.00	39.00 2.28 0.00	43.60 2.72 0.00	55.87 3.19 -2.24	53.94 3.44 -4.86	51.03 3.48 -5.34	54.14 4.39 -0.85	53.37 4.70 -0.34	56.01 4.72 0.00	55.88 4.62 0.00	54.52 4.96 -0.23	55.21 4.89 0.00	50.60 4.49 -1.34	55.11 4.40 0.00	73.03 4.93 0.00	69.60 4.86 0.00	68.31 4.23 0.00	59.72 3.58 0.00	53.13 3.66 0.00	40.51 2.93 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	57.98 3.61 0.00	44.83 2.98 0.00	40.31 2.62 0.00	36.99 2.36 0.00	35.28 2.22 0.00	39.00 2.28 0.00	43.60 2.72 0.00	55.87 3.19 -2.24	53.94 3.44 -4.86	51.03 3.48 -5.34	54.14 4.39 -0.85	53.37 4.70 -0.34	56.01 4.72 0.00	55.88 4.62 0.00	54.52 4.96 -0.23	55.21 4.89 0.00	50.60 4.49 -1.34	55.11 4.40 0.00	73.03 4.93 0.00	69.60 4.86 0.00	68.31 4.23 0.00	59.72 3.58 0.00	53.13 3.66 0.00	40.51 2.93 0.00
HEMPSTEAD____ 23647	58.35 3.60 -0.38	46.71 3.14 -1.72	40.34 2.64 0.00	37.02 2.38 0.00	35.25 2.18 0.00	38.86 2.14 0.00	43.36 2.49 0.00	55.57 2.90 -2.24	53.59 3.11 -4.85	50.67 3.13 -5.33	54.68 4.07 -1.72	54.83 4.33 -2.18	58.00 4.24 -2.47	55.78 4.23 -0.29	63.65 4.57 -9.75	62.47 4.47 -7.68	54.29 3.84 -5.69	54.68 3.98 0.00	72.68 4.57 0.00	68.99 4.24 0.00	67.74 3.65 0.00	59.28 3.14 0.00	52.89 3.42 0.00	40.18 2.59 0.00
HICKLING___1 23621	53.71 -1.01 -0.34	41.20 -0.65 0.00	37.07 -0.63 0.00	34.24 -0.39 0.00	32.82 -0.24 0.00	36.76 0.04 0.00	40.82 -0.06 0.00	49.75 -0.69 0.00	45.24 -0.40 0.00	42.03 -0.18 0.00	48.76 -0.14 0.00	47.83 -0.50 0.00	51.48 0.19 0.00	50.98 -0.28 0.00	48.94 -0.40 0.00	49.68 -0.65 0.00	44.22 -0.54 0.00	50.56 -0.14 0.00	67.61 -0.50 0.00	64.67 -0.08 0.00	63.89 -0.20 0.00	55.70 -0.44 0.00	48.99 -0.48 0.00	37.48 -0.11 0.00
HICKLING___2 23622	53.71 -1.01 -0.34	41.20 -0.65 0.00	37.07 -0.63 0.00	34.24 -0.39 0.00	32.82 -0.24 0.00	36.76 0.04 0.00	40.82 -0.06 0.00	49.75 -0.69 0.00	45.24 -0.40 0.00	42.03 -0.18 0.00	48.76 -0.14 0.00	47.83 -0.50 0.00	51.48 0.19 0.00	50.98 -0.28 0.00	48.94 -0.40 0.00	49.68 -0.65 0.00	44.22 -0.54 0.00	50.56 -0.14 0.00	67.61 -0.50 0.00	64.67 -0.08 0.00	63.89 -0.20 0.00	55.70 -0.44 0.00	48.99 -0.48 0.00	37.48 -0.11 0.00
HIGH FALLS___HY 23754	57.36 2.99 0.00	44.19 2.34 0.00	39.70 2.00 0.00	36.47 1.83 0.00	34.78 1.71 0.00	38.39 1.67 0.00	42.79 1.91 0.00	52.68 2.24 0.00	48.01 2.37 0.00	44.60 2.39 0.00	52.15 3.25 0.00	51.68 3.35 0.00	54.91 3.62 0.00	54.82 3.56 0.00	53.02 3.69 0.00	54.00 3.68 0.00	48.21 3.44 0.00	54.52 3.81 0.00	72.81 4.70 0.00	69.33 4.59 0.00	68.09 4.00 0.00	59.31 3.17 0.00	52.37 2.90 0.00	39.74 2.15 0.00
HIGH_RIVER___SOLAR 323847	56.36 1.99 0.00	43.46 1.61 0.00	39.13 1.44 0.00	35.98 1.35 0.00	34.35 1.29 0.00	38.12 1.40 0.00	42.38 1.50 0.00	51.87 1.43 0.00	46.76 1.12 0.00	42.87 0.66 0.00	49.37 0.47 0.00	49.13 0.81 0.01	51.89 0.59 0.00	51.79 0.53 0.00	50.20 0.88 0.01	51.20 0.87 0.00	45.61 0.90 0.06	51.77 1.06 0.00	69.79 1.68 0.00	66.97 2.22 0.00	66.57 2.48 0.00	58.24 2.10 0.00	51.29 1.82 0.00	38.96 1.37 0.00
HILLBURN___GT 23639	57.09 2.72 0.00	44.07 2.21 0.00	39.60 1.90 0.00	36.42 1.79 0.00	34.74 1.68 0.00	38.33 1.61 0.00	42.68 1.80 0.00	49.67 1.98 2.76	41.90 2.23 5.97	37.98 2.33 6.56	50.98 3.13 1.05	51.89 3.37 -0.19	54.87 3.58 0.00	54.85 3.59 0.00	53.33 3.88 -0.12	54.16 3.84 0.00	48.99 3.49 -0.74	54.39 3.69 0.00	72.39 4.28 0.00	68.89 4.14 0.00	67.61 3.52 0.00	58.96 2.82 0.00	52.22 2.75 0.00	39.73 2.14 0.00
HILLSIDE_115KV_TB1 80332	53.12 -1.61 -0.35	40.76 -1.09 0.00	36.69 -1.01 0.00	33.88 -0.75 0.00	32.45 -0.62 0.00	36.29 -0.43 0.00	40.31 -0.57 0.00	49.16 -1.28 0.00	44.69 -0.95 0.00	41.54 -0.67 0.00	48.25 -0.65 0.00	47.39 -0.94 0.00	50.97 -0.32 0.00	50.55 -0.71 0.00	48.61 -0.72 0.00	49.35 -0.97 0.00	43.92 -0.84 0.00	50.13 -0.58 0.00	66.97 -1.14 0.00	63.94 -0.81 0.00	63.07 -1.02 0.00	55.02 -1.12 0.00	48.43 -1.04 0.00	37.02 -0.57 0.00

HISHELDN_WT_PWR 323625	51.89 -2.48 0.00	40.12 -1.73 0.00	36.02 -1.67 0.00	33.28 -1.35 0.00	31.99 -1.08 0.00	35.88 -0.84 0.00	39.61 -1.27 0.00	48.02 -2.42 0.00	43.72 -1.92 0.00	40.69 -1.52 0.00	46.99 -1.91 0.00	45.72 -2.62 0.00	49.45 -1.84 0.00	48.85 -2.42 0.00	46.49 -2.84 0.00	47.28 -3.04 0.00	42.03 -2.73 0.00	48.50 -2.21 0.00	64.55 -3.56 0.00	61.93 -2.82 0.00	61.48 -2.61 0.00	53.54 -2.60 0.00	47.15 -2.32 0.00	36.45 -1.14 0.00
HOLTSVILLE_IC_1 23690	58.61 3.86 -0.37	46.73 3.62 -1.26	40.66 2.97 0.00	37.32 2.68 0.00	35.50 2.43 0.00	39.06 2.34 0.00	43.81 2.93 0.00	56.02 3.34 -2.24	53.96 3.47 -4.85	50.92 3.39 -5.33	55.03 4.43 -1.71	55.07 4.72 -2.02	56.05 4.32 -0.44	55.75 4.30 -0.18	67.02 4.70 -12.99	166.31 4.66 -111.33	53.00 3.98 -4.27	54.80 4.09 -0.01	72.79 4.67 0.00	68.99 4.25 0.00	67.69 3.60 0.00	59.05 2.95 0.04	53.21 3.74 0.00	40.42 2.83 0.00
HOLTSVILLE_IC_10 23699	58.99 4.25 -0.37	47.00 3.88 -1.28	40.88 3.19 0.00	37.51 2.88 0.00	35.69 2.62 0.00	39.26 2.54 0.00	44.04 3.16 0.00	56.32 3.65 -2.24	54.25 3.77 -4.85	51.22 3.69 -5.33	55.39 4.78 -1.71	55.45 5.09 -2.03	56.53 4.77 -0.47	56.20 4.75 -0.18	68.27 5.17 -13.77	173.82 5.16 -118.33	53.46 4.42 -4.29	55.28 4.56 -0.01	73.41 5.30 0.00	69.57 4.83 0.00	68.22 4.13 0.00	59.47 3.38 0.05	53.60 4.13 0.00	40.68 3.09 0.00
HOLTSVILLE_IC_2 23691	58.61 3.86 -0.37	46.73 3.62 -1.26	40.66 2.97 0.00	37.32 2.68 0.00	35.50 2.43 0.00	39.06 2.34 0.00	43.81 2.93 0.00	56.02 3.34 -2.24	53.96 3.47 -4.85	50.92 3.39 -5.33	55.03 4.43 -1.71	55.07 4.72 -2.02	56.05 4.32 -0.44	55.75 4.30 -0.18	67.02 4.70 -12.99	166.31 4.66 -111.33	53.00 3.98 -4.27	54.80 4.09 -0.01	72.79 4.67 0.00	68.99 4.25 0.00	67.69 3.60 0.00	59.05 2.95 0.04	53.21 3.74 0.00	40.42 2.83 0.00
HOLTSVILLE_IC_3 23692	58.61 3.86 -0.37	46.73 3.62 -1.26	40.66 2.97 0.00	37.32 2.68 0.00	35.50 2.43 0.00	39.06 2.34 0.00	43.81 2.93 0.00	56.02 3.34 -2.24	53.96 3.47 -4.85	50.92 3.39 -5.33	55.03 4.43 -1.71	55.07 4.72 -2.02	56.05 4.32 -0.44	55.75 4.30 -0.18	67.02 4.70 -12.99	166.31 4.66 -111.33	53.00 3.98 -4.27	54.80 4.09 -0.01	72.79 4.67 0.00	68.99 4.25 0.00	67.69 3.60 0.00	59.05 2.95 0.04	53.21 3.74 0.00	40.42 2.83 0.00
HOLTSVILLE_IC_4 23693	58.61 3.86 -0.37	46.73 3.62 -1.26	40.66 2.97 0.00	37.32 2.68 0.00	35.50 2.43 0.00	39.06 2.34 0.00	43.81 2.93 0.00	56.02 3.34 -2.24	53.96 3.47 -4.85	50.92 3.39 -5.33	55.03 4.43 -1.71	55.07 4.72 -2.02	56.05 4.32 -0.44	55.75 4.30 -0.18	67.02 4.70 -12.99	166.31 4.66 -111.33	53.00 3.98 -4.27	54.80 4.09 -0.01	72.79 4.67 0.00	68.99 4.25 0.00	67.69 3.60 0.00	59.05 2.95 0.04	53.21 3.74 0.00	40.42 2.83 0.00
HOLTSVILLE_IC_5 23694	58.61 3.86 -0.37	46.73 3.62 -1.26	40.66 2.97 0.00	37.32 2.68 0.00	35.50 2.43 0.00	39.06 2.34 0.00	43.81 2.93 0.00	56.02 3.34 -2.24	53.96 3.47 -4.85	50.92 3.39 -5.33	55.03 4.43 -1.71	55.07 4.72 -2.02	56.05 4.32 -0.44	55.75 4.30 -0.18	67.02 4.70 -12.99	166.31 4.66 -111.33	53.00 3.98 -4.27	54.80 4.09 -0.01	72.79 4.67 0.00	68.99 4.25 0.00	67.69 3.60 0.00	59.05 2.95 0.04	53.21 3.74 0.00	40.42 2.83 0.00
HOLTSVILLE_IC_6 23695	58.99 4.25 -0.37	47.00 3.88 -1.28	40.88 3.19 0.00	37.51 2.88 0.00	35.69 2.62 0.00	39.26 2.54 0.00	44.04 3.16 0.00	56.32 3.65 -2.24	54.25 3.77 -4.85	51.22 3.69 -5.33	55.39 4.78 -1.71	55.45 5.09 -2.03	56.53 4.77 -0.47	56.20 4.75 -0.18	68.27 5.17 -13.77	173.82 5.16 -118.33	53.46 4.42 -4.29	55.28 4.56 -0.01	73.41 5.30 0.00	69.57 4.83 0.00	68.22 4.13 0.00	59.47 3.38 0.05	53.60 4.13 0.00	40.68 3.09 0.00
HOLTSVILLE_IC_7 23696	58.99 4.25 -0.37	47.00 3.88 -1.28	40.88 3.19 0.00	37.51 2.88 0.00	35.69 2.62 0.00	39.26 2.54 0.00	44.04 3.16 0.00	56.32 3.65 -2.24	54.25 3.77 -4.85	51.22 3.69 -5.33	55.39 4.78 -1.71	55.45 5.09 -2.03	56.53 4.77 -0.47	56.20 4.75 -0.18	68.27 5.17 -13.77	173.82 5.16 -118.33	53.46 4.42 -4.29	55.28 4.56 -0.01	73.41 5.30 0.00	69.57 4.83 0.00	68.22 4.13 0.00	59.47 3.38 0.05	53.60 4.13 0.00	40.68 3.09 0.00
HOLTSVILLE_IC_8 23697	58.99 4.25 -0.37	47.00 3.88 -1.28	40.88 3.19 0.00	37.51 2.88 0.00	35.69 2.62 0.00	39.26 2.54 0.00	44.04 3.16 0.00	56.32 3.65 -2.24	54.25 3.77 -4.85	51.22 3.69 -5.33	55.39 4.78 -1.71	55.45 5.09 -2.03	56.53 4.77 -0.47	56.20 4.75 -0.18	68.27 5.17 -13.77	173.82 5.16 -118.33	53.46 4.42 -4.29	55.28 4.56 -0.01	73.41 5.30 0.00	69.57 4.83 0.00	68.22 4.13 0.00	59.47 3.38 0.05	53.60 4.13 0.00	40.68 3.09 0.00
HOLTSVILLE_IC_9 23698	58.99 4.25 -0.37	47.00 3.88 -1.28	40.88 3.19 0.00	37.51 2.88 0.00	35.69 2.62 0.00	39.26 2.54 0.00	44.04 3.16 0.00	56.32 3.65 -2.24	54.25 3.77 -4.85	51.22 3.69 -5.33	55.39 4.78 -1.71	55.45 5.09 -2.03	56.53 4.77 -0.47	56.20 4.75 -0.18	68.27 5.17 -13.77	173.82 5.16 -118.33	53.46 4.42 -4.29	55.28 4.56 -0.01	73.41 5.30 0.00	69.57 4.83 0.00	68.22 4.13 0.00	59.47 3.38 0.05	53.60 4.13 0.00	40.68 3.09 0.00
HOMER_HL_115KV_TB2 355744	52.56 -1.81 0.00	40.53 -1.33 0.00	36.47 -1.23 0.00	33.68 -0.95 0.00	32.31 -0.76 0.00	36.17 -0.56 0.00	40.02 -0.85 0.00	48.80 -1.64 0.00	44.53 -1.11 0.00	41.52 -0.69 0.00	48.10 -0.80 0.00	46.74 -1.59 0.00	50.83 -0.46 0.00	50.20 -1.06 0.00	47.82 -1.51 0.00	48.56 -1.76 0.00	43.09 -1.67 0.00	49.67 -1.04 0.00	65.95 -2.16 0.00	63.01 -1.73 0.00	62.30 -1.79 0.00	54.30 -1.84 0.00	47.95 -1.52 0.00	37.00 -0.59 0.00
HOWARD_WT_PWR 323690	53.06 -1.57 -0.25	40.64 -1.22 0.00	36.47 -1.22 0.00	33.90 -0.74 0.00	32.60 -0.47 0.00	36.58 -0.15 0.00	40.72 -0.16 0.00	49.60 -0.84 0.00	45.26 -0.38 0.00	42.00 -0.21 0.00	48.43 -0.47 0.00	47.20 -1.13 0.00	50.78 -0.51 0.00	50.11 -1.15 0.00	47.87 -1.47 0.00	48.53 -1.79 0.00	43.19 -1.57 0.00	49.55 -1.16 0.00	66.29 -1.82 0.00	63.81 -0.93 0.00	63.59 -0.50 0.00	55.33 -0.80 0.00	48.76 -0.71 0.00	37.50 -0.09 0.00
HQ_GEN_CEDARS 23644	55.36 0.99 0.00	42.37 0.52 0.00	38.06 0.37 0.00	34.88 0.25 0.00	33.30 0.24 0.00	37.07 0.34 0.00	41.34 0.46 0.00	51.20 0.76 0.00	46.00 0.36 0.00	42.46 0.25 0.00	49.12 0.22 0.00	48.16 -0.17 0.00	51.38 0.09 0.00	51.49 0.23 0.00	49.12 -0.22 0.00	50.07 -0.26 0.00	44.49 -0.27 0.00	50.61 -0.10 0.00	68.39 0.28 0.00	65.00 0.25 0.00	64.66 0.57 0.00	56.99 0.85 0.00	50.12 0.65 0.00	37.99 0.40 0.00
HQ_GEN_CEDARS_PROXY 323590	55.36 0.99 0.00	42.38 0.52 0.00	38.07 0.37 0.00	34.88 0.25 0.00	33.30 0.24 0.00	37.07 0.34 0.00	41.34 0.46 0.00	49.81 0.76 1.39	46.00 0.36 0.00	41.52 0.25 0.94	49.33 0.22 -0.21	48.16 -0.17 0.00	51.38 0.09 0.00	51.49 0.23 0.00	49.12 -0.22 0.00	50.07 -0.25 0.00	44.49 -0.27 0.00	50.61 -0.09 0.00	68.39 0.29 0.00	65.00 0.25 0.00	64.67 0.58 0.00	56.99 0.85 0.00	48.97 0.66 1.15	37.99 0.40 0.00

HQ_GEN_IMPORT 323601	54.56 0.18 0.00	41.78 -0.06 0.00	37.59 -0.10 0.00	34.47 -0.16 0.00	32.89 -0.17 0.00	36.59 -0.14 0.00	40.80 -0.07 0.00	50.66 0.22 0.00	45.76 0.12 0.00	42.28 0.07 0.00	49.50 0.08 -0.52	48.30 -0.03 0.00	51.31 0.01 0.00	53.41 0.03 -2.12	49.77 -0.16 -0.60	50.62 -0.15 -0.45	44.55 -0.21 0.00	62.35 -0.21 -11.85	68.16 0.06 0.00	64.60 -0.15 0.00	64.05 -0.04 0.00	56.25 0.11 0.00	49.52 0.05 0.00	37.52 -0.07 0.00
HQ_GEN_WHEEL 23651	54.56 0.18 0.00	41.78 -0.06 0.00	37.59 -0.10 0.00	34.47 -0.16 0.00	32.89 -0.17 0.00	36.59 -0.14 0.00	40.80 -0.07 0.00	50.66 0.22 0.00	45.76 0.12 0.00	42.28 0.07 0.00	49.50 0.08 -0.52	48.30 -0.03 0.00	51.31 0.01 0.00	53.41 0.03 -2.12	49.77 -0.16 -0.60	50.62 -0.15 -0.45	44.55 -0.21 0.00	62.35 -0.21 -11.85	68.16 0.06 0.00	64.60 -0.15 0.00	64.05 -0.04 0.00	56.25 0.11 0.00	49.52 0.05 0.00	37.52 -0.07 0.00
HUDSON AVE_GT_3 23810	57.74 3.37 0.00	44.66 2.81 0.00	40.13 2.43 0.00	36.87 2.23 0.00	35.15 2.09 0.00	38.78 2.06 0.00	43.28 2.40 0.00	55.49 2.81 -2.25	53.56 3.05 -4.87	50.68 3.12 -5.35	53.77 4.01 -0.85	52.93 4.26 -0.34	55.62 4.33 0.00	55.61 4.35 0.00	54.22 4.66 -0.23	54.92 4.60 0.00	50.30 4.20 -1.34	55.04 4.33 0.00	73.02 4.92 0.00	69.47 4.72 0.00	68.16 4.07 0.00	59.46 3.33 0.00	52.83 3.37 0.00	40.23 2.64 0.00
HUDSON AVE_GT_4 23540	57.74 3.37 0.00	44.66 2.81 0.00	40.13 2.43 0.00	36.87 2.23 0.00	35.15 2.09 0.00	38.78 2.06 0.00	43.28 2.40 0.00	55.49 2.81 -2.25	53.56 3.05 -4.87	50.68 3.12 -5.35	53.77 4.01 -0.85	52.93 4.26 -0.34	55.62 4.33 0.00	55.61 4.35 0.00	54.22 4.66 -0.23	54.92 4.60 0.00	50.30 4.20 -1.34	55.04 4.33 0.00	73.02 4.92 0.00	69.47 4.72 0.00	68.16 4.07 0.00	59.46 3.33 0.00	52.83 3.37 0.00	40.23 2.64 0.00
HUDSON AVE_GT_5 23657	57.74 3.37 0.00	44.66 2.81 0.00	40.13 2.43 0.00	36.87 2.23 0.00	35.15 2.09 0.00	38.78 2.06 0.00	43.28 2.40 0.00	55.49 2.81 -2.25	53.56 3.05 -4.87	50.68 3.12 -5.35	53.77 4.01 -0.85	52.93 4.26 -0.34	55.62 4.33 0.00	55.61 4.35 0.00	54.22 4.66 -0.23	54.92 4.60 0.00	50.30 4.20 -1.34	55.04 4.33 0.00	73.02 4.92 0.00	69.47 4.72 0.00	68.16 4.07 0.00	59.46 3.33 0.00	52.83 3.37 0.00	40.23 2.64 0.00
HUDSON_AVE_10 24168	57.58 3.21 0.00	44.54 2.69 0.00	40.01 2.32 0.00	36.77 2.14 0.00	35.06 1.99 0.00	38.68 1.95 0.00	43.16 2.28 0.00	55.32 2.63 -2.25	53.41 2.90 -4.87	50.54 2.98 -5.35	53.58 3.83 -0.85	52.75 4.08 -0.34	55.43 4.14 0.00	55.41 4.15 0.00	54.03 4.47 -0.23	54.75 4.43 0.00	50.16 4.06 -1.34	54.86 4.15 0.00	72.77 4.66 0.00	69.24 4.49 0.00	67.93 3.84 0.00	59.27 3.13 0.00	52.68 3.21 0.00	40.11 2.52 0.00
HUDSON___115KV_TB 4 355613	56.12 1.75 0.00	43.41 1.56 0.00	39.16 1.47 0.00	36.07 1.43 0.00	34.47 1.40 0.00	38.15 1.43 0.00	42.30 1.43 0.00	51.92 1.48 0.00	46.80 1.16 0.00	43.12 0.90 0.00	49.77 0.87 0.00	49.33 1.02 0.02	52.17 0.88 0.00	52.16 0.90 0.00	50.36 1.04 0.01	51.47 1.15 0.00	45.95 1.25 0.06	52.11 1.41 0.00	70.03 1.92 0.00	67.02 2.27 0.00	66.48 2.39 0.00	58.01 1.87 0.00	50.98 1.51 0.00	38.85 1.27 0.00
HUNTER MOUNT___DRP 323613	56.33 1.96 0.00	43.55 1.69 0.00	39.28 1.59 0.00	36.18 1.54 0.00	34.57 1.51 0.00	38.29 1.57 0.00	42.47 1.60 0.00	52.17 1.73 0.00	46.98 1.34 0.00	43.23 1.02 0.00	49.85 0.95 0.00	49.40 1.08 0.01	52.22 0.93 0.00	52.21 0.95 0.00	50.40 1.08 0.01	51.53 1.21 0.00	45.99 1.28 0.05	52.20 1.49 0.00	70.20 2.09 0.00	67.23 2.48 0.00	66.73 2.64 0.00	58.22 2.08 0.00	51.10 1.64 0.00	38.93 1.34 0.00
HUNTINGTON_RES_REC 323705	58.55 3.81 -0.37	46.90 3.73 -1.32	40.72 3.03 0.00	37.34 2.71 0.00	35.52 2.45 0.00	39.13 2.41 0.00	43.82 2.94 0.00	56.06 3.39 -2.24	53.97 3.49 -4.85	51.01 3.48 -5.33	55.07 4.47 -1.71	55.01 4.63 -2.05	56.06 4.29 -0.48	55.67 4.23 -0.18	74.34 4.67 -20.33	240.52 4.53 -185.67	52.88 3.82 -4.30	54.64 3.91 -0.03	72.57 4.44 -0.02	68.76 4.02 0.00	67.44 3.35 0.00	58.75 2.75 0.14	53.12 3.65 0.00	40.37 2.78 0.00
HUNTLEY___63 23557	51.87 -2.51 0.00	40.10 -1.75 0.00	35.98 -1.72 0.00	33.15 -1.49 0.00	31.81 -1.26 0.00	35.70 -1.02 0.00	39.25 -1.63 0.00	47.52 -2.92 0.00	43.22 -2.42 0.00	40.41 -1.80 0.00	46.69 -2.21 0.00	45.30 -3.03 0.00	49.12 -2.17 0.00	48.62 -2.64 0.00	46.09 -3.24 0.00	46.97 -3.35 0.00	41.79 -2.97 0.00	48.33 -2.38 0.00	64.19 -3.92 0.00	61.33 -3.41 0.00	60.73 -3.36 0.00	52.85 -3.29 0.00	46.54 -2.93 0.00	36.09 -1.50 0.00
HUNTLEY___64 23558	51.87 -2.51 0.00	40.10 -1.75 0.00	35.98 -1.72 0.00	33.15 -1.49 0.00	31.81 -1.26 0.00	35.70 -1.02 0.00	39.25 -1.63 0.00	47.52 -2.92 0.00	43.22 -2.42 0.00	40.41 -1.80 0.00	46.69 -2.21 0.00	45.30 -3.03 0.00	49.12 -2.17 0.00	48.62 -2.64 0.00	46.09 -3.24 0.00	46.97 -3.35 0.00	41.79 -2.97 0.00	48.33 -2.38 0.00	64.19 -3.92 0.00	61.33 -3.41 0.00	60.73 -3.36 0.00	52.85 -3.29 0.00	46.54 -2.93 0.00	36.09 -1.50 0.00
HUNTLEY___65 23559	51.87 -2.51 0.00	40.10 -1.75 0.00	35.98 -1.72 0.00	33.15 -1.49 0.00	31.81 -1.26 0.00	35.70 -1.02 0.00	39.25 -1.63 0.00	47.52 -2.92 0.00	43.22 -2.42 0.00	40.41 -1.80 0.00	46.69 -2.21 0.00	45.30 -3.03 0.00	49.12 -2.17 0.00	48.62 -2.64 0.00	46.09 -3.24 0.00	46.97 -3.35 0.00	41.79 -2.97 0.00	48.33 -2.38 0.00	64.19 -3.92 0.00	61.33 -3.41 0.00	60.73 -3.36 0.00	52.85 -3.29 0.00	46.54 -2.93 0.00	36.09 -1.50 0.00
HUNTLEY___66 23560	51.87 -2.51 0.00	40.10 -1.75 0.00	35.98 -1.72 0.00	33.15 -1.49 0.00	31.81 -1.26 0.00	35.70 -1.02 0.00	39.25 -1.63 0.00	47.52 -2.92 0.00	43.22 -2.42 0.00	40.41 -1.80 0.00	46.69 -2.21 0.00	45.30 -3.03 0.00	49.12 -2.17 0.00	48.62 -2.64 0.00	46.09 -3.24 0.00	46.97 -3.35 0.00	41.79 -2.97 0.00	48.33 -2.38 0.00	64.19 -3.92 0.00	61.33 -3.41 0.00	60.73 -3.36 0.00	52.85 -3.29 0.00	46.54 -2.93 0.00	36.09 -1.50 0.00
HUNTLEY___67 23561	51.66 -2.71 0.00	39.94 -1.91 0.00	35.85 -1.84 0.00	33.05 -1.59 0.00	31.71 -1.36 0.00	35.56 -1.17 0.00	39.12 -1.75 0.00	47.38 -3.06 0.00	43.13 -2.51 0.00	40.27 -1.94 0.00	46.57 -2.33 0.00	45.18 -3.15 0.00	48.96 -2.33 0.00	48.45 -2.81 0.00	45.99 -3.35 0.00	46.85 -3.47 0.00	41.68 -3.08 0.00	48.17 -2.54 0.00	63.99 -4.12 0.00	61.11 -3.64 0.00	60.50 -3.59 0.00	52.66 -3.48 0.00	46.39 -3.08 0.00	35.96 -1.63 0.00
HUNTLEY___68 23562	51.66 -2.71 0.00	39.94 -1.91 0.00	35.85 -1.84 0.00	33.05 -1.59 0.00	31.71 -1.36 0.00	35.56 -1.17 0.00	39.12 -1.75 0.00	47.38 -3.06 0.00	43.13 -2.51 0.00	40.27 -1.94 0.00	46.57 -2.33 0.00	45.18 -3.15 0.00	48.96 -2.33 0.00	48.45 -2.81 0.00	45.99 -3.35 0.00	46.85 -3.47 0.00	41.68 -3.08 0.00	48.17 -2.54 0.00	63.99 -4.12 0.00	61.11 -3.64 0.00	60.50 -3.59 0.00	52.66 -3.48 0.00	46.39 -3.08 0.00	35.96 -1.63 0.00

HYLAND___LFGE 323620	55.50 1.13 0.00	42.69 0.84 0.00	38.26 0.57 0.00	35.33 0.69 0.00	33.94 0.88 0.00	38.15 1.43 0.00	42.46 1.58 0.00	51.51 1.07 0.00	46.56 0.92 0.00	43.07 0.86 0.00	49.28 0.38 0.00	47.85 -0.48 0.00	51.56 0.27 0.00	50.99 -0.27 0.00	48.46 -0.88 0.00	48.42 -1.90 0.00	42.79 -1.98 0.00	49.19 -1.52 0.00	65.63 -2.49 0.00	64.22 -0.53 0.00	64.70 0.61 0.00	56.69 0.54 0.00	49.64 0.17 0.00	38.72 1.14 0.00
INDECK___CORINTH 23802	56.42 2.05 0.00	43.84 1.98 0.00	39.42 1.72 0.00	36.23 1.59 0.00	34.62 1.55 0.00	38.31 1.59 0.00	42.70 1.83 0.00	52.42 1.98 0.00	47.27 1.63 0.00	43.36 1.15 0.00	49.95 1.06 0.00	49.57 1.26 0.02	52.51 1.22 0.00	52.34 1.08 0.00	50.59 1.27 0.01	51.69 1.37 0.00	45.97 1.28 0.06	52.48 1.78 0.00	70.82 2.71 0.00	67.43 2.69 0.00	66.82 2.73 0.00	58.34 2.19 0.00	51.26 1.79 0.00	38.98 1.40 0.00
INDECK___ILION 23567	54.84 0.47 0.00	42.38 0.53 0.00	38.24 0.54 0.00	35.15 0.52 0.00	33.57 0.51 0.00	37.24 0.51 0.00	41.31 0.43 0.00	50.74 0.30 0.00	45.86 0.22 0.00	42.22 0.01 0.00	48.78 -0.12 0.00	48.43 0.10 0.00	51.22 -0.07 0.00	51.15 -0.11 0.00	49.47 0.13 0.00	50.54 0.22 0.00	44.97 0.20 0.00	50.91 0.20 0.00	68.56 0.45 0.00	65.48 0.73 0.00	64.98 0.89 0.00	56.65 0.51 0.00	49.85 0.39 0.00	37.88 0.29 0.00
INDECK___OLEAN 23982	52.56 -1.81 0.00	40.52 -1.33 0.00	36.46 -1.23 0.00	33.68 -0.95 0.00	32.31 -0.76 0.00	36.17 -0.56 0.00	40.02 -0.85 0.00	48.81 -1.63 0.00	44.56 -1.08 0.00	41.53 -0.68 0.00	48.12 -0.78 0.00	46.74 -1.59 0.00	50.83 -0.46 0.00	50.19 -1.07 0.00	47.82 -1.51 0.00	48.56 -1.76 0.00	43.09 -1.67 0.00	49.67 -1.03 0.00	65.95 -2.16 0.00	63.02 -1.73 0.00	62.30 -1.79 0.00	54.30 -1.84 0.00	47.96 -1.50 0.00	37.00 -0.59 0.00
INDECK___OSWEGO 23783	55.44 -1.44 -2.51	40.80 -1.05 0.00	36.74 -0.96 0.00	33.80 -0.83 0.00	32.30 -0.76 0.00	35.92 -0.80 0.00	40.15 -0.93 -0.20	52.09 -1.32 -2.98	44.45 -1.23 -0.04	41.07 -1.14 0.00	47.44 -1.45 0.00	46.84 -1.49 0.00	49.77 -1.53 0.00	49.74 -1.52 0.00	47.89 -1.44 0.00	48.90 -1.43 0.00	43.56 -1.20 0.00	49.45 -1.26 0.00	67.59 -1.85 -1.33	64.31 -1.54 -1.11	64.70 -1.47 -2.08	54.87 -1.27 0.00	48.33 -1.14 0.00	36.74 -0.84 0.00
INDECK___YERKES 23781	51.90 -2.47 0.00	40.14 -1.72 0.00	35.99 -1.70 0.00	33.17 -1.46 0.00	31.83 -1.23 0.00	35.73 -0.99 0.00	39.28 -1.59 0.00	47.57 -2.87 0.00	43.29 -2.35 0.00	40.46 -1.75 0.00	46.75 -2.15 0.00	45.35 -2.98 0.00	49.16 -2.13 0.00	48.66 -2.60 0.00	46.14 -3.19 0.00	47.01 -3.31 0.00	41.83 -2.93 0.00	48.37 -2.33 0.00	64.25 -3.86 0.00	61.40 -3.34 0.00	60.79 -3.30 0.00	52.90 -3.24 0.00	46.60 -2.87 0.00	36.13 -1.46 0.00
INDIAN POINT_GT_1 24139	57.10 2.73 0.00	44.13 2.28 0.00	39.65 1.96 0.00	36.47 1.84 0.00	34.78 1.72 0.00	38.38 1.66 0.00	42.73 1.85 0.00	54.99 2.08 -2.47	53.28 2.29 -5.35	50.43 2.34 -5.88	52.92 3.09 -0.94	51.94 3.33 -0.28	54.74 3.45 0.00	54.74 3.48 0.00	53.29 3.77 -0.19	54.03 3.71 0.00	49.24 3.37 -1.10	54.23 3.53 0.00	72.15 4.04 0.00	68.66 3.92 0.00	67.44 3.35 0.00	58.83 2.69 0.00	52.16 2.69 0.00	39.70 2.11 0.00
INDIAN POINT_GT_2 23659	57.10 2.73 0.00	44.13 2.28 0.00	39.65 1.96 0.00	36.47 1.84 0.00	34.78 1.72 0.00	38.38 1.66 0.00	42.73 1.85 0.00	54.99 2.08 -2.47	53.28 2.29 -5.35	50.43 2.34 -5.88	52.92 3.09 -0.94	51.94 3.33 -0.28	54.74 3.45 0.00	54.74 3.48 0.00	53.29 3.77 -0.19	54.03 3.71 0.00	49.24 3.37 -1.10	54.23 3.53 0.00	72.15 4.04 0.00	68.66 3.92 0.00	67.44 3.35 0.00	58.83 2.69 0.00	52.16 2.69 0.00	39.70 2.11 0.00
INDIAN POINT_GT_3 24019	57.10 2.73 0.00	44.13 2.28 0.00	39.65 1.96 0.00	36.47 1.84 0.00	34.78 1.72 0.00	38.38 1.66 0.00	42.73 1.85 0.00	54.99 2.08 -2.47	53.28 2.29 -5.35	50.43 2.34 -5.88	52.92 3.09 -0.94	51.94 3.33 -0.28	54.74 3.45 0.00	54.74 3.48 0.00	53.29 3.77 -0.19	54.03 3.71 0.00	49.24 3.37 -1.10	54.23 3.53 0.00	72.15 4.04 0.00	68.66 3.92 0.00	67.44 3.35 0.00	58.83 2.69 0.00	52.16 2.69 0.00	39.70 2.11 0.00
INDIAN POINT___2 23530	57.02 2.65 0.00	44.07 2.21 0.00	39.61 1.91 0.00	36.42 1.78 0.00	34.73 1.67 0.00	38.32 1.60 0.00	42.67 1.79 0.00	55.82 1.99 -3.39	55.20 2.22 -7.34	52.56 2.29 -8.07	53.22 3.04 -1.29	51.86 3.27 -0.25	54.70 3.40 0.00	54.68 3.42 0.00	53.22 3.72 -0.17	53.98 3.66 0.00	49.08 3.32 -1.00	54.17 3.47 0.00	72.07 3.97 0.00	68.61 3.86 0.00	67.37 3.28 0.00	58.78 2.64 0.00	52.10 2.63 0.00	39.66 2.07 0.00
INDIAN POINT___3 23531	57.00 2.63 0.00	44.05 2.19 0.00	39.60 1.90 0.00	36.42 1.78 0.00	34.74 1.68 0.00	38.33 1.61 0.00	42.67 1.80 0.00	54.97 1.99 -2.54	53.35 2.20 -5.51	50.52 2.26 -6.05	52.84 2.98 -0.96	51.83 3.23 -0.27	54.64 3.35 0.00	54.62 3.36 0.00	53.16 3.65 -0.18	53.93 3.60 0.00	49.11 3.26 -1.08	54.12 3.41 0.00	72.01 3.90 0.00	68.55 3.81 0.00	67.32 3.23 0.00	58.73 2.59 0.00	52.05 2.59 0.00	39.62 2.04 0.00
INGHAM_C_115KV_TB7 356103	55.11 0.74 0.00	42.78 0.93 0.00	38.66 0.97 0.00	35.56 0.93 0.00	33.97 0.91 0.00	37.63 0.91 0.00	41.59 0.71 0.00	50.84 0.40 0.00	45.82 0.18 0.00	41.91 -0.30 0.00	48.25 -0.64 0.00	48.14 -0.19 0.00	50.68 -0.61 0.00	50.59 -0.68 0.00	49.14 -0.19 0.00	50.35 0.03 0.00	44.74 -0.02 0.00	50.65 -0.06 0.00	68.52 0.41 0.00	65.86 1.11 0.00	65.63 1.54 0.00	56.99 0.85 0.00	50.04 0.57 0.00	38.03 0.44 0.00
IP CORINTH___1 23988	56.74 2.37 0.00	44.05 2.20 0.00	39.61 1.92 0.00	36.40 1.77 0.00	34.78 1.72 0.00	38.50 1.78 0.00	42.91 2.03 0.00	52.68 2.24 0.00	47.50 1.86 0.00	43.57 1.36 0.00	50.20 1.30 0.00	49.82 1.50 0.02	52.77 1.48 0.00	52.62 1.36 0.00	50.86 1.54 0.01	51.97 1.65 0.00	46.23 1.54 0.06	52.77 2.06 0.00	71.21 3.10 0.00	67.80 3.06 0.00	67.18 3.09 0.00	58.65 2.51 0.00	51.55 2.08 0.00	39.20 1.62 0.00
IP___TICONDEROGA 23804	59.14 4.77 0.00	46.15 4.30 0.00	41.46 3.77 0.00	38.01 3.38 0.00	36.36 3.29 0.00	40.15 3.42 0.00	45.00 4.13 0.00	54.85 4.41 0.00	49.09 3.45 0.00	44.85 2.64 0.00	51.99 3.09 0.00	51.36 3.04 0.02	54.85 3.56 0.00	54.99 3.73 0.00	53.26 3.94 0.01	54.64 4.32 0.00	48.51 3.81 0.06	55.69 4.98 0.00	74.26 6.15 0.00	70.60 5.85 0.00	70.33 6.24 0.00	61.28 5.14 0.00	53.85 4.39 0.00	40.90 3.31 0.00
ISLIP_RES_REC 323679	59.34 4.60 -0.37	47.27 4.14 -1.28	41.10 3.41 0.00	37.71 3.07 0.00	35.86 2.80 0.00	39.45 2.73 0.00	44.27 3.39 0.00	56.64 3.96 -2.24	54.55 4.07 -4.85	51.53 4.00 -5.33	55.77 5.16 -1.71	55.85 5.50 -2.03	57.00 5.21 -0.50	56.65 5.21 -0.19	68.62 5.64 -13.65	172.49 5.68 -116.49	53.92 4.86 -4.30	55.77 5.06 -0.01	74.03 5.92 0.00	70.17 5.42 0.00	68.77 4.68 0.00	59.91 3.82 0.05	53.94 4.47 0.00	40.93 3.34 0.00

JAMAICA__27_KV_LOAD 355505	58.09 3.72 0.00	44.88 3.03 0.00	40.32 2.62 0.00	37.07 2.44 0.00	35.32 2.26 0.00	38.97 2.25 0.00	43.43 2.56 0.00	55.66 2.97 -2.25	53.72 3.21 -4.87	50.82 3.25 -5.35	53.84 4.09 -0.85	53.03 4.36 -0.34	55.74 4.45 0.00	55.74 4.48 0.00	54.33 4.77 -0.23	55.12 4.79 0.00	50.50 4.39 -1.34	55.23 4.53 0.00	73.24 5.13 0.00	69.71 4.97 0.00	68.43 4.34 0.00	59.71 3.57 0.00	53.10 3.63 0.00	40.41 2.82 0.00
JANIS__SOLAR 323808	56.72 1.84 -0.52	43.31 1.46 0.00	38.94 1.25 0.00	35.82 1.18 0.00	34.26 1.20 0.00	38.23 1.51 0.00	42.53 1.65 0.00	52.04 1.60 0.00	47.07 1.43 0.00	43.05 0.83 0.00	49.56 0.67 0.00	48.73 0.40 0.00	51.86 0.57 0.00	51.67 0.41 0.00	49.65 0.32 0.00	50.55 0.23 0.00	45.10 0.34 0.00	51.62 0.91 0.00	69.64 1.53 0.00	67.33 2.59 0.00	66.89 2.80 0.00	58.40 2.25 0.00	51.07 1.60 0.00	38.75 1.16 0.00
JARVIS____ 23743	54.48 0.11 0.00	42.02 0.17 0.00	37.85 0.15 0.00	34.81 0.17 0.00	33.23 0.16 0.00	36.89 0.17 0.00	41.04 0.16 0.00	50.54 0.10 0.00	45.75 0.11 0.00	42.29 0.09 0.00	48.99 0.09 0.00	48.47 0.14 0.00	51.40 0.10 0.00	51.37 0.10 0.00	49.53 0.19 0.00	50.53 0.20 0.00	44.94 0.18 0.00	50.88 0.18 0.00	68.28 0.17 0.00	65.01 0.26 0.00	64.34 0.25 0.00	56.31 0.17 0.00	49.62 0.16 0.00	37.74 0.15 0.00
JENNISON____1 23625	56.85 2.11 -0.36	43.53 1.68 0.00	39.11 1.42 0.00	35.94 1.30 0.00	34.36 1.30 0.00	38.29 1.57 0.00	42.59 1.71 0.00	52.27 1.83 0.00	47.38 1.74 0.00	43.69 1.48 0.00	50.36 1.46 0.00	49.66 1.33 0.00	52.79 1.50 0.00	52.33 1.07 0.00	50.30 0.97 0.00	51.16 0.84 0.00	45.66 0.90 0.00	52.35 1.65 0.00	70.62 2.51 0.00	67.81 3.07 0.00	66.99 2.90 0.00	58.33 2.19 0.00	50.85 1.38 0.00	38.59 1.00 0.00
JENNISON____2 23626	56.85 2.11 -0.36	43.53 1.68 0.00	39.11 1.42 0.00	35.94 1.30 0.00	34.36 1.30 0.00	38.29 1.57 0.00	42.59 1.71 0.00	52.27 1.83 0.00	47.38 1.74 0.00	43.69 1.48 0.00	50.36 1.46 0.00	49.66 1.33 0.00	52.79 1.50 0.00	52.33 1.07 0.00	50.30 0.97 0.00	51.16 0.84 0.00	45.66 0.90 0.00	52.35 1.65 0.00	70.62 2.51 0.00	67.81 3.07 0.00	66.99 2.90 0.00	58.33 2.19 0.00	50.85 1.38 0.00	38.59 1.00 0.00
JERICOHO_RISE_WT_PWR 323719	55.21 0.84 0.00	42.35 0.50 0.00	38.03 0.33 0.00	34.78 0.15 0.00	33.18 0.12 0.00	36.92 0.20 0.00	41.29 0.42 0.00	51.11 0.67 0.00	45.96 0.32 0.00	42.44 0.23 0.00	49.07 0.17 0.00	48.14 -0.19 0.00	51.29 0.00 0.00	51.33 0.07 0.00	49.04 -0.30 0.00	50.07 -0.25 0.00	44.38 -0.38 0.00	50.47 -0.23 0.00	68.16 0.04 0.00	64.83 0.08 0.00	64.56 0.48 0.00	56.63 0.49 0.00	49.87 0.40 0.00	37.91 0.32 0.00
KATONAH__115KV_46KV_TB4 355592	57.32 2.95 0.00	44.31 2.46 0.00	39.82 2.12 0.00	36.60 1.96 0.00	34.91 1.84 0.00	38.53 1.81 0.00	42.90 2.03 0.00	54.01 2.34 -1.23	50.82 2.51 -2.67	47.68 2.54 -2.93	52.67 3.31 -0.47	51.83 3.55 0.05	54.97 3.68 0.00	54.97 3.71 0.00	53.24 3.94 0.03	54.23 3.90 0.00	48.14 3.56 0.18	54.48 3.77 0.00	72.53 4.42 0.00	68.95 4.20 0.00	67.73 3.64 0.00	59.05 2.91 0.00	52.27 2.80 0.00	39.77 2.18 0.00
KCE_NY_1 323755	56.82 2.45 0.00	43.98 2.13 0.00	39.59 1.90 0.00	36.39 1.76 0.00	34.80 1.73 0.00	38.54 1.82 0.00	42.90 2.02 0.00	52.68 2.25 0.00	47.55 1.91 0.00	43.69 1.48 0.00	50.56 1.66 0.00	50.16 1.84 0.02	53.08 1.79 0.00	52.99 1.73 0.00	51.23 1.91 0.01	52.24 1.91 0.00	46.49 1.80 0.06	52.97 2.27 0.00	71.26 3.16 0.00	67.94 3.19 0.00	67.32 3.22 0.00	58.61 2.47 0.00	51.62 2.15 0.00	39.32 1.73 0.00
KCE_NY_6_ESR 323823	52.26 -2.11 0.00	40.38 -1.47 0.00	36.25 -1.44 0.00	33.43 -1.21 0.00	32.07 -1.00 0.00	35.94 -0.78 0.00	39.63 -1.25 0.00	48.03 -2.41 0.00	43.75 -1.89 0.00	40.82 -1.39 0.00	47.25 -1.64 0.00	45.87 -2.46 0.00	49.76 -1.53 0.00	49.16 -2.10 0.00	46.74 -2.59 0.00	47.59 -2.74 0.00	42.33 -2.43 0.00	48.92 -1.79 0.00	64.99 -3.13 0.00	62.14 -2.60 0.00	61.49 -2.59 0.00	53.49 -2.65 0.00	47.09 -2.38 0.00	36.45 -1.14 0.00
KEDC_PORT_JEFF_GT2 24210	58.83 4.09 -0.37	46.89 3.77 -1.28	40.78 3.09 0.00	37.43 2.79 0.00	35.59 2.53 0.00	39.16 2.44 0.00	43.93 3.06 0.00	56.18 3.50 -2.24	54.12 3.64 -4.85	51.11 3.57 -5.33	55.25 4.64 -1.71	55.31 4.95 -2.02	56.36 4.61 -0.46	55.99 4.54 -0.18	68.47 4.97 -14.17	177.92 4.77 -122.83	53.01 3.97 -4.28	54.78 4.07 -0.01	72.75 4.64 0.00	68.93 4.19 0.00	67.58 3.49 0.00	58.93 2.85 0.05	53.41 3.94 0.00	40.56 2.98 0.00
KEDC_PORT_JEFF_GT3 24211	58.83 4.09 -0.37	46.89 3.77 -1.28	40.78 3.09 0.00	37.43 2.79 0.00	35.59 2.53 0.00	39.16 2.44 0.00	43.93 3.06 0.00	56.18 3.50 -2.24	54.12 3.64 -4.85	51.11 3.57 -5.33	55.25 4.64 -1.71	55.31 4.95 -2.02	56.36 4.61 -0.46	55.99 4.54 -0.18	68.47 4.97 -14.17	177.92 4.77 -122.83	53.01 3.97 -4.28	54.78 4.07 -0.01	72.75 4.64 0.00	68.93 4.19 0.00	67.58 3.49 0.00	58.93 2.85 0.05	53.41 3.94 0.00	40.56 2.98 0.00
KEDC_GLWD_GT4 24219	58.48 3.74 -0.38	46.69 3.19 -1.65	40.39 2.70 0.00	37.08 2.45 0.00	35.33 2.27 0.00	38.97 2.24 0.00	43.48 2.60 0.00	55.71 3.04 -2.24	53.71 3.23 -4.85	50.79 3.25 -5.33	54.86 4.24 -1.72	55.00 4.50 -2.17	58.24 4.53 -2.41	56.13 4.54 -0.33	63.96 4.69 -9.94	63.75 4.50 -8.93	55.12 3.96 -6.39	54.83 4.13 0.00	72.86 4.75 0.00	69.18 4.44 0.00	67.95 3.87 0.00	59.66 3.51 0.00	53.04 3.57 0.00	40.32 2.73 0.00
KEDC_GLWD_GT5 24220	58.48 3.74 -0.38	46.69 3.19 -1.65	40.39 2.70 0.00	37.08 2.45 0.00	35.33 2.27 0.00	38.97 2.24 0.00	43.48 2.60 0.00	55.71 3.04 -2.24	53.71 3.23 -4.85	50.79 3.25 -5.33	54.86 4.24 -1.72	55.00 4.50 -2.17	58.24 4.53 -2.41	56.13 4.54 -0.33	63.96 4.69 -9.94	63.75 4.50 -8.93	55.12 3.96 -6.39	54.83 4.13 0.00	72.86 4.75 0.00	69.18 4.44 0.00	67.95 3.87 0.00	59.66 3.51 0.00	53.04 3.57 0.00	40.32 2.73 0.00
KENSICO____ 23655	57.31 2.94 0.00	44.32 2.47 0.00	39.83 2.13 0.00	36.61 1.98 0.00	34.91 1.85 0.00	38.53 1.81 0.00	42.91 2.04 0.00	55.08 2.31 -2.33	53.22 2.52 -5.06	50.33 2.56 -5.56	53.13 3.34 -0.89	52.23 3.59 -0.32	54.99 3.70 0.00	54.96 3.70 0.00	53.54 3.99 -0.21	54.26 3.94 0.00	49.58 3.58 -1.25	54.44 3.74 0.00	72.40 4.29 0.00	68.87 4.12 0.00	67.64 3.55 0.00	59.00 2.86 0.00	52.32 2.86 0.00	39.84 2.25 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	57.21 2.84 0.00	44.08 2.23 0.00	39.61 1.92 0.00	36.39 1.76 0.00	34.71 1.65 0.00	38.33 1.61 0.00	42.71 1.83 0.00	52.23 2.15 0.35	47.10 2.24 0.77	43.58 2.22 0.85	51.77 3.01 0.14	51.48 3.13 -0.02	54.65 3.36 0.00	54.58 3.32 0.00	52.79 3.45 -0.01	53.77 3.44 0.00	48.03 3.20 -0.07	54.29 3.59 0.00	72.52 4.41 0.00	69.12 4.37 0.00	67.92 3.84 0.00	59.17 3.03 0.00	52.22 2.76 0.00	39.64 2.06 0.00

KIAC_JFK_GT1 23816	57.49 3.12 0.00	44.43 2.58 0.00	39.92 2.23 0.00	36.73 2.10 0.00	35.00 1.94 0.00	38.59 1.87 0.00	43.01 2.13 0.00	55.13 2.45 -2.25	53.25 2.74 -4.87	50.38 2.82 -5.35	53.33 3.58 -0.85	52.54 3.87 -0.34	55.22 3.93 0.00	55.20 3.94 0.00	53.81 4.25 -0.23	54.57 4.25 0.00	50.00 3.90 -1.34	54.67 3.96 0.00	72.49 4.38 0.00	68.99 4.24 0.00	67.70 3.61 0.00	59.09 2.95 0.00	52.56 3.10 0.00	40.01 2.42 0.00
KIAC_JFK_GT2 23817	57.49 3.12 0.00	44.43 2.58 0.00	39.92 2.23 0.00	36.73 2.10 0.00	35.00 1.94 0.00	38.59 1.87 0.00	43.01 2.13 0.00	55.13 2.45 -2.25	53.25 2.74 -4.87	50.38 2.82 -5.35	53.33 3.58 -0.85	52.54 3.87 -0.34	55.22 3.93 0.00	55.20 3.94 0.00	53.81 4.25 -0.23	54.57 4.25 0.00	50.00 3.90 -1.34	54.67 3.96 0.00	72.49 4.38 0.00	68.99 4.24 0.00	67.70 3.61 0.00	59.09 2.95 0.00	52.56 3.10 0.00	40.01 2.42 0.00
KIAC_JFK____ 323774	57.49 3.12 0.00	44.43 2.58 0.00	39.92 2.23 0.00	36.73 2.10 0.00	35.00 1.94 0.00	38.59 1.87 0.00	43.01 2.13 0.00	55.13 2.45 -2.25	53.25 2.74 -4.87	50.38 2.82 -5.35	53.33 3.58 -0.85	52.54 3.86 -0.34	55.22 3.93 0.00	55.22 3.96 0.00	53.81 4.25 -0.23	54.57 4.25 0.00	50.01 3.90 -1.34	54.67 3.96 0.00	72.49 4.38 0.00	68.99 4.24 0.00	67.70 3.61 0.00	59.09 2.95 0.00	52.56 3.09 0.00	40.01 2.42 0.00
KINTIGH__24_KV_GSU 356498	51.98 -2.39 0.00	40.18 -1.68 0.00	36.07 -1.62 0.00	33.24 -1.40 0.00	31.86 -1.20 0.00	35.65 -1.07 0.00	39.29 -1.58 0.00	47.70 -2.74 0.00	43.41 -2.24 0.00	40.47 -1.74 0.00	46.79 -2.10 0.00	45.49 -2.84 0.00	49.14 -2.15 0.00	48.70 -2.56 0.00	46.28 -3.05 0.00	47.20 -3.13 0.00	41.98 -2.78 0.00	48.41 -2.30 0.00	64.37 -3.73 0.00	61.45 -3.30 0.00	60.84 -3.24 0.00	53.00 -3.14 0.00	46.71 -2.76 0.00	36.12 -1.47 0.00
KINTIGH____ 23543	51.95 -2.42 0.00	40.15 -1.71 0.00	36.05 -1.64 0.00	33.21 -1.43 0.00	31.84 -1.23 0.00	35.63 -1.10 0.00	39.26 -1.62 0.00	47.65 -2.79 0.00	43.34 -2.31 0.00	40.43 -1.78 0.00	46.73 -2.16 0.00	45.43 -2.89 0.00	49.11 -2.18 0.00	48.67 -2.59 0.00	46.24 -3.09 0.00	47.16 -3.16 0.00	41.93 -2.83 0.00	48.37 -2.34 0.00	64.32 -3.79 0.00	61.39 -3.36 0.00	60.79 -3.30 0.00	52.95 -3.18 0.00	46.66 -2.81 0.00	36.09 -1.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	55.93 1.56 0.00	43.04 1.19 0.00	38.64 0.95 0.00	35.35 0.72 0.00	33.72 0.65 0.00	37.45 0.72 0.00	41.97 1.10 0.00	52.27 1.83 0.00	46.85 1.21 0.00	43.25 1.04 0.00	50.04 1.15 0.00	49.08 0.75 0.00	52.39 1.10 0.00	52.47 1.20 0.00	50.29 0.96 0.00	51.34 1.02 0.00	45.49 0.73 0.00	51.98 1.28 0.00	69.77 1.66 0.00	66.58 1.84 0.00	66.42 2.32 0.00	58.07 1.93 0.00	51.13 1.66 0.00	38.88 1.30 0.00
LACHUTE____HYDRO 323717	59.14 4.77 0.00	46.15 4.30 0.00	41.46 3.77 0.00	38.01 3.38 0.00	36.36 3.29 0.00	40.15 3.42 0.00	45.00 4.13 0.00	54.85 4.41 0.00	49.09 3.45 0.00	44.85 2.64 0.00	51.99 3.09 0.00	51.36 3.05 0.02	54.85 3.56 0.00	54.99 3.73 0.00	53.26 3.94 0.01	54.64 4.32 0.00	48.51 3.81 0.06	55.69 4.98 0.00	74.26 6.16 0.00	70.60 5.85 0.00	70.33 6.24 0.00	61.28 5.14 0.00	53.85 4.38 0.00	40.90 3.31 0.00
LAWRNCALV_115KV_TB1 80681	55.70 1.33 0.00	42.60 0.75 0.00	38.22 0.52 0.00	35.02 0.39 0.00	33.45 0.39 0.00	37.25 0.53 0.00	41.56 0.69 0.00	51.43 0.98 0.00	46.11 0.47 0.00	42.48 0.26 0.00	49.12 0.23 0.00	48.10 -0.23 0.00	51.36 0.06 0.00	51.47 0.21 0.00	48.95 -0.38 0.00	49.75 -0.57 0.00	44.22 -0.54 0.00	50.32 -0.38 0.00	68.13 0.02 0.00	64.96 0.21 0.00	64.81 0.72 0.00	57.37 1.23 0.00	50.51 1.04 0.00	38.26 0.68 0.00
LEDERLE____ 23769	57.35 2.98 0.00	44.27 2.42 0.00	39.78 2.08 0.00	36.59 1.96 0.00	34.91 1.84 0.00	38.51 1.79 0.00	42.88 2.00 0.00	49.53 2.23 3.14	41.30 2.47 6.81	37.28 2.55 7.48	51.07 3.37 1.19	52.19 3.64 -0.22	55.15 3.86 0.00	55.15 3.88 0.00	53.64 4.16 -0.14	54.44 4.12 0.00	49.35 3.74 -0.85	54.69 3.99 0.00	72.76 4.65 0.00	69.24 4.49 0.00	67.96 3.87 0.00	59.25 3.11 0.00	52.45 2.99 0.00	39.90 2.31 0.00
LIGHTHSE_115KV_TB6 355974	55.54 -0.09 -1.26	41.70 -0.16 0.00	37.45 -0.24 0.00	34.46 -0.17 0.00	32.97 -0.09 0.00	36.65 -0.07 0.00	40.87 -0.10 -0.10	51.63 -0.26 -1.44	45.30 -0.36 -0.02	41.73 -0.48 0.00	48.13 -0.77 0.00	47.39 -0.94 0.00	50.35 -0.94 0.00	50.42 -0.84 0.00	48.49 -0.84 0.00	49.48 -0.84 0.00	44.05 -0.71 0.00	50.05 -0.65 0.00	67.92 -0.82 -0.63	64.98 -0.29 -0.53	65.21 0.13 -0.99	56.45 0.31 0.00	49.67 0.20 0.00	37.67 0.08 0.00
LINDEN COGEN____ 23786	57.28 2.90 0.00	44.33 2.48 0.00	39.85 2.15 0.00	36.62 1.99 0.00	34.92 1.86 0.00	38.50 1.78 0.00	42.97 2.09 0.00	55.05 2.37 -2.25	53.16 2.65 -4.87	50.33 2.76 -5.35	53.34 3.59 -0.85	51.96 3.82 0.19	55.07 3.88 0.10	54.56 3.87 0.57	53.50 4.21 0.04	54.48 4.16 0.00	49.97 3.87 -1.34	54.61 3.90 0.00	72.45 4.34 0.00	68.93 4.19 0.00	67.61 3.51 0.00	58.99 2.85 0.00	52.45 2.98 0.00	39.98 2.39 0.00
LINDHRST_69_KV_BK1 356055	59.28 4.53 -0.37	47.28 4.00 -1.44	41.02 3.32 0.00	37.60 2.97 0.00	35.77 2.71 0.00	39.41 2.69 0.00	44.07 3.20 0.00	56.46 3.79 -2.24	54.40 3.91 -4.85	51.38 3.84 -5.33	55.51 4.90 -1.71	55.59 5.18 -2.08	57.32 5.02 -1.01	56.43 4.96 -0.21	62.00 5.33 -7.34	87.84 5.34 -32.18	53.89 4.52 -4.61	55.38 4.67 0.00	73.59 5.48 0.00	69.78 5.03 0.00	68.55 4.46 0.00	59.93 3.81 0.02	53.74 4.27 0.00	40.80 3.21 0.00
LIPA_MISC_IPP 23656	58.58 3.83 -0.37	46.69 3.58 -1.26	40.60 2.90 0.00	37.31 2.67 0.00	35.48 2.42 0.00	38.97 2.25 0.00	43.81 2.94 0.00	55.97 3.29 -2.24	53.91 3.43 -4.85	50.93 3.39 -5.33	54.98 4.38 -1.71	55.06 4.71 -2.02	56.13 4.39 -0.44	55.78 4.33 -0.18	67.19 4.72 -13.13	167.71 4.75 -112.64	53.12 4.09 -4.27	54.94 4.23 -0.01	72.97 4.86 0.00	69.15 4.41 0.00	67.81 3.72 0.00	59.15 3.05 0.04	53.25 3.78 0.00	40.41 2.82 0.00
LISF____SOLAR 323691	58.70 3.96 -0.37	46.78 3.66 -1.27	40.69 3.00 0.00	37.39 2.76 0.00	35.56 2.50 0.00	39.05 2.32 0.00	43.91 3.03 0.00	56.09 3.41 -2.24	54.01 3.53 -4.85	50.99 3.46 -5.33	55.07 4.47 -1.71	55.14 4.79 -2.02	56.15 4.40 -0.45	55.88 4.43 -0.18	67.42 4.81 -13.27	169.09 4.86 -113.91	53.28 4.25 -4.27	55.11 4.40 -0.01	73.20 5.09 0.00	69.40 4.66 0.00	68.05 3.97 0.00	59.33 3.23 0.04	53.41 3.94 0.00	40.51 2.93 0.00
LITTLE FALLS____HYD 24013	55.11 0.74 0.00	42.78 0.93 0.00	38.66 0.97 0.00	35.56 0.93 0.00	33.97 0.91 0.00	37.63 0.91 0.00	41.59 0.71 0.00	50.84 0.40 0.00	45.82 0.18 0.00	41.91 -0.30 0.00	48.25 -0.64 0.00	48.14 -0.19 0.00	50.68 -0.61 0.00	50.59 -0.68 0.00	49.14 -0.19 0.00	50.35 0.03 0.00	44.74 -0.02 0.00	50.65 -0.06 0.00	68.52 0.41 1.11	65.86 1.11 0.00	65.63 1.54 0.00	56.99 0.85 0.00	50.04 0.57 0.00	38.03 0.44 0.00

LITTLRIV_115KV_TB1 356100	56.48 2.11 0.00	43.19 1.34 0.00	38.72 1.02 0.00	35.48 0.84 0.00	33.89 0.82 0.00	37.76 1.04 0.00	42.13 1.25 0.00	51.99 1.55 0.00	46.37 0.73 0.00	42.62 0.41 0.00	49.25 0.36 0.00	48.24 -0.09 0.00	51.61 0.32 0.00	51.68 0.41 0.00	49.05 -0.28 0.00	49.90 -0.42 0.00	44.36 -0.40 0.00	50.53 -0.18 0.00	68.63 0.52 0.00	65.76 1.02 0.00	65.84 1.75 0.00	58.32 2.18 0.00	51.27 1.81 0.00	38.80 1.22 0.00
LI_NEWBRDGE___DRP 323616	58.19 3.44 -0.37	46.08 3.08 -1.14	40.23 2.54 0.00	36.92 2.29 0.00	35.16 2.09 0.00	38.75 2.03 0.00	43.30 2.42 0.00	55.44 2.76 -2.24	53.45 2.96 -4.85	50.52 2.99 -5.33	54.45 3.85 -1.70	54.43 4.12 -1.98	55.37 3.99 -0.09	55.31 3.88 -0.17	55.45 4.25 -1.87	58.83 4.15 -4.35	52.39 3.56 -4.07	54.34 3.64 0.00	72.23 4.12 0.00	68.56 3.81 0.00	67.32 3.23 0.00	58.88 2.75 0.00	52.68 3.22 0.00	40.06 2.47 0.00
LOCKPORT_115KV_TB60_63_64 80432	51.86 -2.51 0.00	40.12 -1.73 0.00	35.99 -1.70 0.00	33.15 -1.48 0.00	31.82 -1.25 0.00	35.70 -1.02 0.00	39.16 -1.72 0.00	47.28 -3.16 0.00	42.94 -2.70 0.00	40.12 -2.09 0.00	46.28 -2.62 0.00	44.89 -3.44 0.00	48.63 -2.66 0.00	48.17 -3.09 0.00	45.65 -3.68 0.00	46.52 -3.80 0.00	41.40 -3.36 0.00	47.87 -2.84 0.00	63.63 -4.48 0.00	60.84 -3.91 0.00	60.31 -3.78 0.00	52.51 -3.64 0.00	46.27 -3.20 0.00	35.97 -1.62 0.00
LOCKPORT___CC1 323769	51.74 -2.63 0.00	40.05 -1.80 0.00	35.94 -1.75 0.00	33.11 -1.52 0.00	31.77 -1.29 0.00	35.66 -1.07 0.00	39.13 -1.75 0.00	47.28 -3.16 0.00	42.98 -2.66 0.00	40.13 -2.09 0.00	46.31 -2.59 0.00	44.89 -3.44 0.00	48.65 -2.65 0.00	48.15 -3.11 0.00	45.66 -3.67 0.00	46.53 -3.80 0.00	41.41 -3.36 0.00	47.86 -2.84 0.00	63.61 -4.50 0.00	60.81 -3.94 0.00	60.27 -3.82 0.00	52.47 -3.67 0.00	46.26 -3.21 0.00	35.94 -1.65 0.00
LOCKPORT___CC2 323770	51.74 -2.63 0.00	40.05 -1.80 0.00	35.94 -1.75 0.00	33.11 -1.52 0.00	31.77 -1.29 0.00	35.66 -1.07 0.00	39.13 -1.75 0.00	47.28 -3.16 0.00	42.98 -2.66 0.00	40.13 -2.09 0.00	46.31 -2.59 0.00	44.89 -3.44 0.00	48.65 -2.65 0.00	48.15 -3.11 0.00	45.66 -3.67 0.00	46.53 -3.80 0.00	41.41 -3.36 0.00	47.86 -2.84 0.00	63.61 -4.50 0.00	60.81 -3.94 0.00	60.27 -3.82 0.00	52.47 -3.67 0.00	46.26 -3.21 0.00	35.94 -1.65 0.00
LOCKPORT___CC3 323771	51.74 -2.63 0.00	40.05 -1.80 0.00	35.94 -1.75 0.00	33.11 -1.52 0.00	31.77 -1.29 0.00	35.66 -1.07 0.00	39.13 -1.75 0.00	47.28 -3.16 0.00	42.98 -2.66 0.00	40.13 -2.09 0.00	46.31 -2.59 0.00	44.89 -3.44 0.00	48.65 -2.65 0.00	48.15 -3.11 0.00	45.66 -3.67 0.00	46.53 -3.80 0.00	41.41 -3.36 0.00	47.86 -2.84 0.00	63.61 -4.50 0.00	60.81 -3.94 0.00	60.27 -3.82 0.00	52.47 -3.67 0.00	46.26 -3.21 0.00	35.94 -1.65 0.00
LOCUSVLY_69_KV_BK2 55797	58.77 4.02 -0.38	46.88 3.45 -1.58	40.59 2.90 0.00	37.25 2.62 0.00	35.47 2.41 0.00	39.10 2.37 0.00	43.66 2.79 0.00	55.91 3.24 -2.24	53.88 3.40 -4.85	50.99 3.46 -5.33	55.10 4.48 -1.72	55.13 4.66 -2.14	57.88 4.64 -1.94	56.21 4.66 -0.29	62.57 4.99 -8.25	62.97 4.82 -7.82	54.79 4.20 -5.82	55.11 4.41 0.00	73.23 5.12 0.00	69.48 4.73 0.00	68.21 4.12 0.00	59.74 3.60 0.00	53.25 3.78 0.00	40.43 2.85 0.00
LONG_LAKE_PHOENIX 24014	55.03 -1.25 -1.91	40.95 -0.90 0.00	36.89 -0.81 0.00	33.93 -0.70 0.00	32.42 -0.64 0.00	36.09 -0.63 0.00	40.29 -0.73 -0.15	51.59 -1.09 -2.24	44.67 -1.00 -0.03	41.28 -0.93 0.00	47.69 -1.21 0.00	47.10 -1.23 0.00	50.04 -1.26 0.00	50.00 -1.26 0.00	48.12 -1.21 0.00	49.13 -1.19 0.00	43.78 -0.98 0.00	49.75 -0.95 0.00	67.66 -1.44 -0.99	64.43 -1.14 -0.83	64.52 -1.12 -1.55	55.09 -1.04 0.00	48.51 -0.96 0.00	36.89 -0.69 0.00
LOVETT___3 23632	56.90 2.53 0.00	43.96 2.11 0.00	39.52 1.83 0.00	36.36 1.73 0.00	34.69 1.63 0.00	38.26 1.54 0.00	42.59 1.71 0.00	48.95 1.86 3.35	40.49 2.10 7.25	36.41 2.18 7.97	50.54 2.91 1.27	51.71 3.15 -0.23	54.59 3.29 0.00	54.56 3.29 0.00	53.08 3.59 -0.15	53.87 3.54 0.00	48.89 3.22 -0.91	54.05 3.35 0.00	71.93 3.82 0.00	68.47 3.73 0.00	67.23 3.14 0.00	58.65 2.52 0.00	51.99 2.52 0.00	39.58 2.00 0.00
LOVETT___4 23642	56.90 2.53 0.00	43.96 2.11 0.00	39.52 1.83 0.00	36.36 1.73 0.00	34.69 1.63 0.00	38.26 1.54 0.00	42.59 1.71 0.00	48.95 1.86 3.35	40.49 2.10 7.25	36.41 2.18 7.97	50.54 2.91 1.27	51.71 3.15 -0.23	54.59 3.29 0.00	54.56 3.29 0.00	53.08 3.59 -0.15	53.87 3.54 0.00	48.89 3.22 -0.91	54.05 3.35 0.00	71.93 3.82 0.00	68.47 3.73 0.00	67.23 3.14 0.00	58.65 2.52 0.00	51.99 2.52 0.00	39.58 2.00 0.00
LOVETT___5 23593	56.90 2.53 0.00	43.96 2.11 0.00	39.52 1.83 0.00	36.36 1.73 0.00	34.69 1.63 0.00	38.26 1.54 0.00	42.59 1.71 0.00	48.95 1.86 3.35	40.49 2.10 7.25	36.41 2.18 7.97	50.54 2.91 1.27	51.71 3.15 -0.23	54.59 3.29 0.00	54.56 3.29 0.00	53.08 3.59 -0.15	53.87 3.54 0.00	48.89 3.22 -0.91	54.05 3.35 0.00	71.93 3.82 0.00	68.47 3.73 0.00	67.23 3.14 0.00	58.65 2.52 0.00	51.99 2.52 0.00	39.58 2.00 0.00
LOWER RAQUET___HYD 24057	55.97 1.44 -0.16	42.66 0.81 0.00	38.26 0.57 0.00	35.07 0.43 0.00	33.49 0.43 0.00	37.31 0.59 0.00	41.62 0.75 0.00	51.51 1.07 0.00	46.14 0.50 0.00	42.49 0.28 0.00	49.12 0.22 0.00	48.08 -0.25 0.00	51.35 0.06 0.00	51.47 0.20 0.00	48.90 -0.43 0.00	49.65 -0.67 0.00	44.13 -0.63 0.00	50.24 -0.46 0.00	68.05 -0.06 0.00	64.95 0.20 0.00	64.85 0.76 0.00	57.49 1.35 0.00	50.63 1.16 0.00	38.35 0.76 0.00
LOWER___HUDSON 24059	56.01 1.64 0.00	43.47 1.62 0.00	39.13 1.44 0.00	36.02 1.39 0.00	34.41 1.35 0.00	38.09 1.37 0.00	42.26 1.38 0.00	51.91 1.47 0.00	46.90 1.26 0.00	43.22 1.00 0.00	50.02 1.12 0.00	49.57 1.26 0.02	52.47 1.18 0.00	52.46 1.20 0.00	50.71 1.38 0.01	51.74 1.42 0.00	45.96 1.27 0.07	52.20 1.49 0.00	70.07 1.96 0.00	66.75 2.00 0.00	66.15 2.06 0.00	57.70 1.56 0.00	50.80 1.33 0.00	38.79 1.20 0.00
LOWVILLE_115KV_TB2 356335	56.71 1.96 -0.38	43.05 1.20 0.00	38.46 0.76 0.00	35.45 0.82 0.00	34.02 0.95 0.00	37.86 1.14 0.00	42.17 1.27 -0.03	52.37 1.58 -0.35	46.89 1.25 0.00	42.86 0.65 0.00	49.27 0.37 0.00	48.47 0.14 0.00	51.45 0.16 0.00	51.59 0.33 0.00	49.58 0.25 0.00	50.66 0.33 0.00	45.14 0.37 0.00	51.39 0.68 0.00	69.75 1.49 -0.15	67.09 2.22 -0.12	67.15 2.84 -0.23	59.02 2.88 0.00	51.77 2.30 0.00	39.11 1.52 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	56.77 2.40 0.00	43.97 2.12 0.00	39.59 1.90 0.00	36.40 1.77 0.00	34.78 1.72 0.00	38.54 1.81 0.00	42.85 1.98 0.00	52.62 2.18 0.00	47.50 1.86 0.00	43.67 1.46 0.00	50.52 1.63 0.00	50.07 1.75 0.02	53.01 1.72 0.00	52.94 1.68 0.00	51.16 1.84 0.01	52.22 1.90 0.00	46.46 1.77 0.06	52.90 2.19 0.00	71.14 3.03 0.00	67.85 3.11 0.00	67.22 3.13 0.00	58.61 2.47 0.00	51.57 2.10 0.00	39.27 1.69 0.00

LUTHERNY_35_KV_BK2 355980	56.82 2.45 0.00	43.98 2.13 0.00	39.59 1.90 0.00	36.39 1.76 0.00	34.80 1.73 0.00	38.54 1.82 0.00	42.90 2.02 0.00	52.68 2.25 0.00	47.55 1.91 0.00	43.69 1.48 0.00	50.56 1.66 0.00	50.16 1.84 0.02	53.08 1.79 0.00	52.99 1.73 0.00	51.23 1.91 0.01	52.24 1.91 0.00	46.49 1.80 0.06	52.97 2.26 0.00	71.26 3.16 0.00	67.94 3.20 0.00	67.32 3.22 0.00	58.61 2.47 0.00	51.62 2.15 0.00	39.32 1.73 0.00
LWR___OSWEGATCHIE_HYD 23850	56.32 1.62 -0.33	42.80 0.94 0.00	38.30 0.60 0.00	35.20 0.56 0.00	33.69 0.63 0.00	37.52 0.80 0.00	41.85 0.95 -0.02	52.02 1.25 -0.33	46.42 0.78 0.00	42.56 0.35 0.00	49.03 0.13 0.00	48.10 -0.23 0.00	51.22 -0.07 0.00	51.35 0.09 0.00	49.06 -0.27 0.00	49.95 -0.37 0.00	44.43 -0.33 0.00	50.59 -0.11 0.00	68.69 0.44 -0.14	65.83 0.97 -0.12	65.97 1.66 -0.22	58.20 2.06 0.00	51.14 1.67 0.00	38.68 1.09 0.00
LYONS_FALL_HYD 23570	56.33 1.67 -0.28	42.97 1.12 0.00	38.48 0.79 0.00	35.45 0.81 0.00	33.94 0.88 0.00	37.77 1.05 0.00	42.07 1.17 -0.02	51.99 1.41 -0.14	46.83 1.19 0.00	42.98 0.77 0.00	49.50 0.60 0.00	48.80 0.47 0.00	51.77 0.48 0.00	51.86 0.60 0.00	49.90 0.56 0.00	50.96 0.64 0.00	45.44 0.68 0.00	51.67 0.96 0.00	69.77 1.66 0.00	66.92 2.17 0.00	66.64 2.55 0.00	58.57 2.43 0.00	51.41 1.95 0.00	38.90 1.31 0.00
MADISON___COUNTY_LFGE 323628	56.02 1.33 -0.32	42.88 1.03 0.00	38.57 0.88 0.00	35.48 0.84 0.00	33.90 0.83 0.00	37.74 1.02 0.00	42.00 1.12 0.00	51.66 1.21 0.00	46.90 1.26 0.00	43.22 1.01 0.00	49.80 0.90 0.00	49.17 0.85 0.00	52.16 0.87 0.00	52.17 0.90 0.00	50.22 0.89 0.00	51.33 1.01 0.00	45.88 1.12 0.00	52.09 1.39 0.00	70.05 1.94 0.00	66.94 2.19 0.00	66.47 2.37 0.00	58.18 2.05 0.00	51.09 1.63 0.00	38.73 1.14 0.00
MALONE___115KV_TB1 356076	55.95 1.58 0.00	42.86 1.00 0.00	38.45 0.75 0.00	35.18 0.54 0.00	33.57 0.51 0.00	37.38 0.65 0.00	41.80 0.93 0.00	51.71 1.28 0.00	46.42 0.77 0.00	42.82 0.61 0.00	49.52 0.62 0.00	48.47 0.14 0.00	51.76 0.47 0.00	51.87 0.61 0.00	49.41 0.08 0.00	50.36 0.04 0.00	44.70 -0.06 0.00	50.87 0.17 0.00	68.78 0.67 0.00	65.59 0.84 0.00	65.48 1.39 0.00	57.58 1.44 0.00	50.66 1.19 0.00	38.42 0.83 0.00
MAPLEWOD_115KV_TB3 80458	55.78 1.41 0.00	43.20 1.35 0.00	38.95 1.25 0.00	35.86 1.22 0.00	34.26 1.20 0.00	37.90 1.18 0.00	42.00 1.12 0.00	51.63 1.19 0.00	46.73 1.09 0.00	43.13 0.92 0.00	49.94 1.04 0.00	49.47 1.16 0.02	52.35 1.06 0.00	52.36 1.10 0.00	50.60 1.28 0.01	51.63 1.30 0.00	45.91 1.22 0.07	52.07 1.36 0.00	69.80 1.69 0.00	66.49 1.74 0.00	65.76 1.67 0.00	57.39 1.25 0.00	50.54 1.08 0.00	38.58 1.00 0.00
MAPLE_RIDGE_WT_1 323574	54.35 -0.02 0.00	41.79 -0.06 0.00	37.60 -0.10 0.00	34.48 -0.16 0.00	32.91 -0.15 0.00	36.64 -0.08 0.00	40.81 -0.07 0.00	50.36 -0.08 0.00	45.55 -0.09 0.00	42.12 -0.09 0.00	48.75 -0.15 0.00	48.13 -0.20 0.00	51.12 -0.17 0.00	51.11 -0.15 0.00	49.12 -0.22 0.00	50.15 -0.17 0.00	44.61 -0.15 0.00	50.59 -0.12 0.00	68.03 -0.08 0.00	64.67 -0.08 0.00	64.10 0.01 0.00	56.17 0.03 0.00	49.47 0.00 0.00	37.53 -0.06 0.00
MAPLE_RIDGE_WT_2 323611	54.35 -0.02 0.00	41.79 -0.06 0.00	37.60 -0.10 0.00	34.48 -0.16 0.00	32.91 -0.15 0.00	36.64 -0.08 0.00	40.81 -0.07 0.00	50.36 -0.08 0.00	45.55 -0.09 0.00	42.12 -0.09 0.00	48.75 -0.15 0.00	48.13 -0.20 0.00	51.12 -0.17 0.00	51.11 -0.15 0.00	49.12 -0.22 0.00	50.15 -0.17 0.00	44.61 -0.15 0.00	50.59 -0.12 0.00	68.03 -0.08 0.00	64.67 -0.08 0.00	64.10 0.01 0.00	56.17 0.03 0.00	49.47 0.00 0.00	37.53 -0.06 0.00
MARBLE_RIVER_WT_PWR 323696	55.25 0.88 0.00	42.44 0.58 0.00	38.11 0.41 0.00	34.87 0.23 0.00	33.25 0.19 0.00	36.98 0.26 0.00	41.36 0.49 0.00	51.11 0.67 0.00	45.97 0.33 0.00	42.44 0.23 0.00	49.07 0.17 0.00	48.17 -0.16 0.00	51.31 0.01 0.00	51.34 0.07 0.00	49.06 -0.27 0.00	50.10 -0.22 0.00	44.42 -0.34 0.00	50.51 -0.20 0.00	68.16 0.04 0.00	64.86 0.11 0.00	64.56 0.48 0.00	56.58 0.44 0.00	49.86 0.40 0.00	37.92 0.33 0.00
MARSHVLE_115KV_TB1 80742	57.39 3.03 0.00	44.01 2.16 0.00	39.57 1.87 0.00	36.33 1.70 0.00	34.70 1.63 0.00	38.61 1.89 0.00	43.04 2.16 0.00	52.74 2.30 0.00	47.53 1.89 0.00	43.70 1.49 0.00	50.28 1.39 0.00	49.74 1.42 0.01	52.73 1.44 0.00	52.49 1.23 0.00	50.70 1.37 0.01	51.70 1.38 0.00	46.05 1.33 0.04	52.20 1.49 0.00	70.31 2.20 0.00	68.04 3.29 0.00	67.80 3.72 0.00	59.50 3.36 0.00	52.33 2.87 0.00	39.57 1.99 0.00
MARSH_HILL_WT_PWR 323713	52.99 -1.61 -0.23	40.59 -1.26 0.00	36.44 -1.26 0.00	33.86 -0.77 0.00	32.56 -0.50 0.00	36.54 -0.18 0.00	40.66 -0.22 0.00	49.50 -0.94 0.00	45.18 -0.47 0.00	41.91 -0.29 0.00	48.33 -0.57 0.00	47.11 -1.22 0.00	50.68 -0.61 0.00	50.02 -1.25 0.00	47.77 -1.56 0.00	48.44 -1.88 0.00	43.11 -1.65 0.00	49.43 -1.27 0.00	66.14 -1.96 0.00	63.68 -1.06 0.00	63.48 -0.61 0.00	55.28 -0.86 0.00	48.70 -0.76 0.00	37.44 -0.15 0.00
MCINTYRE_115KV_TB2 80467	56.71 2.34 0.00	43.36 1.51 0.00	38.88 1.19 0.00	35.61 0.98 0.00	34.01 0.94 0.00	37.91 1.18 0.00	42.28 1.40 0.00	52.09 1.65 0.00	46.38 0.73 0.00	42.63 0.42 0.00	49.28 0.38 0.00	48.26 -0.07 0.00	51.67 0.37 0.00	51.75 0.49 0.00	49.15 -0.19 0.00	50.05 -0.28 0.00	44.53 -0.23 0.00	50.70 -0.01 0.00	68.91 0.80 0.00	66.09 1.34 0.00	66.22 2.13 0.00	58.57 2.43 0.00	51.45 1.99 0.00	38.91 1.32 0.00
MECO_____69_KV_BK1 80468	57.96 3.59 0.00	44.53 2.67 0.00	40.04 2.35 0.00	36.78 2.15 0.00	35.15 2.08 0.00	39.08 2.36 0.00	43.51 2.64 0.00	53.27 2.83 0.00	47.97 2.33 0.00	43.88 1.67 0.00	50.18 1.28 0.00	49.76 1.44 0.01	52.58 1.29 0.00	52.42 1.16 0.00	50.88 1.55 0.01	52.07 1.75 0.00	46.41 1.69 0.05	52.48 1.77 0.00	70.87 2.76 0.00	68.82 4.07 0.00	68.69 4.60 0.00	60.12 3.98 0.00	52.81 3.34 0.00	39.97 2.38 0.00
MENANDS___115KV_TB5 355628	55.38 1.01 0.00	42.93 1.08 0.00	38.72 1.03 0.00	35.66 1.03 0.00	34.07 1.01 0.00	37.68 0.96 0.00	41.74 0.86 0.00	51.29 0.85 0.00	46.43 0.79 0.00	42.87 0.66 0.00	49.66 0.76 0.00	49.20 0.89 0.02	52.04 0.75 0.00	52.04 0.78 0.00	50.30 0.98 0.01	51.33 1.01 0.00	45.62 0.93 0.07	51.69 0.98 0.00	69.25 1.14 0.00	65.96 1.22 0.00	65.24 1.15 0.00	56.95 0.81 0.00	50.18 0.72 0.00	38.33 0.74 0.00
MG INDUSTRY___DRP 24185	55.34 0.97 0.00	42.84 0.98 0.00	38.69 1.00 0.00	35.66 1.02 0.00	34.07 1.00 0.00	37.71 0.99 0.00	41.81 0.93 0.00	51.29 0.85 0.00	46.32 0.68 0.00	42.74 0.53 0.00	49.44 0.54 0.00	49.00 0.69 0.02	51.84 0.55 0.00	51.93 0.67 0.00	50.08 0.76 0.01	51.15 0.83 0.00	45.54 0.84 0.06	51.56 0.85 0.00	69.11 1.00 0.00	65.90 1.16 0.00	65.26 1.17 0.00	57.03 0.89 0.00	50.27 0.80 0.00	38.36 0.78 0.00

MID___OSWEGATCHIE_HYD 23849	56.32 1.62 -0.33	42.80 0.94 0.00	38.30 0.60 0.00	35.20 0.56 0.00	33.69 0.63 0.00	37.52 0.80 0.00	41.85 0.95 -0.02	52.02 1.25 -0.33	46.42 0.78 0.00	42.56 0.35 0.00	49.03 0.13 0.00	48.10 -0.23 0.00	51.22 -0.07 0.00	51.35 0.09 0.00	49.06 -0.27 0.00	49.95 -0.37 0.00	44.43 -0.33 0.00	50.59 -0.11 0.00	68.69 0.44 -0.14	65.83 0.97 -0.12	65.97 1.66 -0.22	58.20 2.06 0.00	51.14 1.67 0.00	38.68 1.09 0.00
MID___RAQUETTE_HYD 23851	55.97 1.44 -0.16	42.67 0.82 0.00	38.26 0.57 0.00	35.07 0.43 0.00	33.49 0.43 0.00	37.31 0.59 0.00	41.62 0.75 0.00	51.51 1.07 0.00	46.14 0.50 0.00	42.49 0.28 0.00	49.12 0.22 0.00	48.08 -0.25 0.00	51.35 0.06 0.00	51.47 0.20 0.00	48.90 -0.43 0.00	49.65 -0.67 0.00	44.13 -0.63 0.00	50.24 -0.46 0.00	68.05 -0.06 0.00	64.95 0.20 0.00	64.85 0.76 0.00	57.50 1.35 0.00	50.63 1.17 0.00	38.35 0.76 0.00
MILLIKEN___1 23584	55.57 0.50 -0.70	42.35 0.50 0.00	38.11 0.42 0.00	35.09 0.45 0.00	33.57 0.50 0.00	37.35 0.63 0.00	41.58 0.69 -0.02	51.09 0.48 -0.17	46.10 0.46 0.00	42.49 0.28 0.00	49.08 0.18 0.00	48.29 -0.04 0.00	51.41 0.12 0.00	51.29 0.03 0.00	49.31 -0.02 0.00	50.23 -0.09 0.00	44.70 -0.06 0.00	50.92 0.22 0.00	68.44 0.34 0.00	65.65 0.90 0.00	65.06 0.98 0.00	56.87 0.73 0.00	49.99 0.52 0.00	38.02 0.44 0.00
MILLIKEN___2 23585	55.57 0.50 -0.70	42.35 0.50 0.00	38.11 0.42 0.00	35.09 0.45 0.00	33.57 0.50 0.00	37.35 0.63 0.00	41.58 0.69 -0.02	51.09 0.48 -0.17	46.10 0.46 0.00	42.49 0.28 0.00	49.08 0.18 0.00	48.29 -0.04 0.00	51.41 0.12 0.00	51.29 0.03 0.00	49.31 -0.02 0.00	50.23 -0.09 0.00	44.70 -0.06 0.00	50.92 0.22 0.00	68.44 0.34 0.00	65.65 0.90 0.00	65.06 0.98 0.00	56.87 0.73 0.00	49.99 0.52 0.00	38.02 0.44 0.00
MILLIKEN___DIESEL 23629	55.57 0.50 -0.70	42.35 0.50 0.00	38.11 0.42 0.00	35.09 0.45 0.00	33.57 0.50 0.00	37.35 0.63 0.00	41.58 0.69 -0.02	51.09 0.48 -0.17	46.10 0.46 0.00	42.49 0.28 0.00	49.08 0.18 0.00	48.29 -0.04 0.00	51.41 0.12 0.00	51.29 0.03 0.00	49.31 -0.02 0.00	50.23 -0.09 0.00	44.70 -0.06 0.00	50.92 0.22 0.00	68.44 0.34 0.00	65.65 0.90 0.00	65.06 0.98 0.00	56.87 0.73 0.00	49.99 0.52 0.00	38.02 0.44 0.00
MILLSEAT___LFGE 323607	53.03 -1.34 0.00	40.95 -0.90 0.00	36.72 -0.97 0.00	33.81 -0.83 0.00	32.45 -0.62 0.00	36.43 -0.30 0.00	40.04 -0.84 0.00	48.51 -1.93 0.00	44.15 -1.49 0.00	41.31 -0.90 0.00	47.38 -1.52 0.00	46.05 -2.28 0.00	49.76 -1.53 0.00	49.28 -1.98 0.00	46.87 -2.46 0.00	47.72 -2.61 0.00	42.52 -2.24 0.00	49.03 -1.67 0.00	65.39 -2.73 0.00	62.79 -1.96 0.00	62.39 -1.70 0.00	54.34 -1.80 0.00	47.76 -1.71 0.00	36.89 -0.70 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	57.15 2.78 0.00	44.17 2.32 0.00	39.71 2.01 0.00	36.51 1.87 0.00	34.81 1.75 0.00	38.42 1.69 0.00	42.79 1.91 0.00	54.95 2.14 -2.36	53.12 2.35 -5.12	50.24 2.40 -5.63	52.93 3.14 -0.90	51.99 3.37 -0.29	54.79 3.50 0.00	54.76 3.50 0.00	53.31 3.78 -0.19	54.06 3.74 0.00	49.29 3.40 -1.13	54.25 3.55 0.00	72.18 4.07 0.00	68.68 3.93 0.00	67.47 3.38 0.00	58.86 2.72 0.00	52.16 2.70 0.00	39.73 2.14 0.00
MILLWOOD_13_KV_LOAD 356217	57.26 2.89 0.00	44.26 2.40 0.00	39.78 2.08 0.00	36.56 1.93 0.00	34.88 1.81 0.00	38.48 1.75 0.00	42.85 1.97 0.00	55.05 2.24 -2.36	53.20 2.44 -5.12	50.32 2.48 -5.63	53.03 3.23 -0.90	52.09 3.47 -0.29	54.90 3.61 0.00	54.88 3.62 0.00	53.44 3.92 -0.19	54.19 3.87 0.00	49.42 3.53 -1.13	54.39 3.68 0.00	72.35 4.25 0.00	68.84 4.09 0.00	67.63 3.54 0.00	58.99 2.85 0.00	52.27 2.80 0.00	39.79 2.21 0.00
MODEL_CITY_ENERGY 24167	51.45 -2.92 0.00	39.82 -2.03 0.00	35.72 -1.97 0.00	32.91 -1.73 0.00	31.59 -1.48 0.00	35.43 -1.29 0.00	38.82 -2.06 0.00	46.79 -3.65 0.00	42.51 -3.13 0.00	39.71 -2.51 0.00	45.80 -3.09 0.00	44.39 -3.94 0.00	48.12 -3.17 0.00	47.65 -3.61 0.00	45.14 -4.19 0.00	46.02 -4.31 0.00	40.94 -3.82 0.00	47.34 -3.36 0.00	62.90 -5.20 0.00	60.09 -4.66 0.00	59.56 -4.52 0.00	51.85 -4.29 0.00	45.74 -3.72 0.00	35.63 -1.96 0.00
MODERN_LFGE___ 323580	51.45 -2.92 0.00	39.82 -2.03 0.00	35.72 -1.97 0.00	32.91 -1.73 0.00	31.59 -1.48 0.00	35.43 -1.29 0.00	38.82 -2.06 0.00	46.79 -3.65 0.00	42.51 -3.13 0.00	39.71 -2.51 0.00	45.80 -3.09 0.00	44.39 -3.94 0.00	48.12 -3.17 0.00	47.65 -3.61 0.00	45.14 -4.19 0.00	46.02 -4.31 0.00	40.94 -3.82 0.00	47.34 -3.36 0.00	62.90 -5.20 0.00	60.09 -4.66 0.00	59.56 -4.52 0.00	51.85 -4.29 0.00	45.74 -3.72 0.00	35.63 -1.96 0.00
MOHAWK_PAPER___DRP 24187	55.78 1.41 0.00	43.20 1.35 0.00	38.95 1.25 0.00	35.86 1.22 0.00	34.26 1.20 0.00	37.90 1.18 0.00	42.00 1.12 0.00	51.63 1.19 0.00	46.73 1.09 0.00	43.13 0.92 0.00	49.94 1.04 0.00	49.47 1.16 0.02	52.35 1.06 0.00	52.36 1.10 0.00	50.60 1.28 0.01	51.63 1.30 0.00	45.91 1.22 0.07	52.07 1.36 0.00	69.80 1.69 0.00	66.49 1.74 0.00	65.76 1.67 0.00	57.39 1.25 0.00	50.54 1.08 0.00	38.58 1.00 0.00
MOHICAN___35_KV_115KV_LD 80490	57.16 2.79 0.00	44.40 2.55 0.00	39.91 2.22 0.00	36.67 2.04 0.00	35.07 2.00 0.00	38.81 2.09 0.00	43.26 2.38 0.00	53.09 2.65 0.00	47.81 2.17 0.00	43.83 1.62 0.00	50.59 1.69 0.00	50.15 1.84 0.02	53.14 1.85 0.00	53.04 1.78 0.00	51.27 1.95 0.01	52.44 2.12 0.00	46.64 1.95 0.06	53.27 2.57 0.00	71.75 3.64 0.00	68.35 3.60 0.00	67.76 3.67 0.00	59.11 2.97 0.00	51.94 2.47 0.00	39.52 1.93 0.00
MONGAUP___HYD 23641	57.16 2.78 0.00	44.07 2.22 0.00	39.62 1.93 0.00	36.42 1.79 0.00	34.75 1.69 0.00	38.41 1.69 0.00	42.74 1.87 0.00	50.50 2.00 1.94	43.25 1.83 4.21	39.20 1.62 4.63	50.24 2.08 0.74	50.69 2.23 -0.13	53.68 2.39 0.00	53.70 2.44 0.00	52.28 2.86 -0.09	52.87 2.55 0.00	47.85 2.59 -0.51	53.52 2.81 0.00	71.74 3.63 0.00	68.71 3.96 0.00	67.83 3.74 0.00	59.14 3.00 0.00	52.17 2.70 0.00	39.64 2.05 0.00
MONTAUK___DIESEL 23721	59.84 5.09 -0.37	47.95 4.83 -1.26	41.53 3.84 0.00	38.28 3.65 0.00	36.37 3.31 0.00	40.00 3.28 0.00	45.27 4.39 0.00	58.05 5.37 -2.24	55.94 5.46 -4.85	53.17 5.63 -5.33	57.85 7.24 -1.71	57.97 7.61 -2.02	58.96 7.22 -0.45	58.71 7.26 -0.18	69.57 7.05 -13.18	170.63 7.18 -113.12	55.32 6.29 -4.27	57.42 6.71 -0.01	76.02 7.91 0.00	71.90 7.15 0.00	70.30 6.21 0.00	61.75 5.65 0.04	55.72 6.25 0.00	42.20 4.62 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	52.98 -1.39 0.00	40.87 -0.99 0.00	36.95 -0.74 0.00	34.20 -0.43 0.00	32.77 -0.29 0.00	36.78 0.06 0.00	40.69 -0.18 0.00	49.57 -0.86 0.00	45.27 -0.38 0.00	42.32 0.10 0.00	49.12 0.22 0.00	47.55 -0.78 0.00	51.59 0.30 0.00	50.96 -0.30 0.00	48.64 -0.69 0.00	49.36 -0.96 0.00	43.83 -0.93 0.00	50.75 0.05 0.00	67.10 -1.01 0.00	64.00 -0.75 0.00	63.32 -0.77 0.00	54.82 -1.32 0.00	48.10 -1.37 0.00	37.17 -0.42 0.00

MORRIS RIDGE___SOLAR 323848	52.40 -2.14 -0.17	40.35 -1.50 0.00	36.24 -1.46 0.00	33.55 -1.09 0.00	32.25 -0.81 0.00	36.16 -0.57 0.00	40.03 -0.84 0.00	48.55 -1.90 0.00	44.20 -1.44 0.00	41.01 -1.20 0.00	47.21 -1.69 0.00	46.13 -2.20 0.00	49.70 -1.59 0.00	49.05 -2.21 0.00	46.83 -2.51 0.00	47.51 -2.81 0.00	42.25 -2.51 0.00	48.59 -2.12 0.00	64.86 -3.24 0.00	62.54 -2.21 0.00	62.34 -1.75 0.00	54.34 -1.80 0.00	47.86 -1.61 0.00	36.86 -0.73 0.00
MORTIMER_115KV_TB3 55949	53.19 -1.18 0.00	41.01 -0.84 0.00	36.84 -0.86 0.00	33.90 -0.74 0.00	32.47 -0.59 0.00	36.44 -0.28 0.00	40.40 -0.47 0.00	49.43 -1.01 0.00	44.88 -0.76 0.00	41.72 -0.50 0.00	48.22 -0.68 0.00	47.24 -1.09 0.00	50.62 -0.67 0.00	50.37 -0.89 0.00	48.14 -1.20 0.00	49.11 -1.21 0.00	43.74 -1.02 0.00	50.13 -0.58 0.00	67.04 -1.07 0.00	64.04 -0.71 0.00	63.36 -0.73 0.00	55.24 -0.90 0.00	48.53 -0.94 0.00	37.15 -0.44 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	57.60 3.23 0.00	44.55 2.70 0.00	40.03 2.33 0.00	36.79 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.17 2.30 0.00	55.33 2.66 -2.24	53.38 2.88 -4.86	50.49 2.94 -5.34	53.55 3.80 -0.85	52.71 4.04 -0.34	55.41 4.12 0.00	55.38 4.12 0.00	53.99 4.43 -0.23	54.70 4.38 0.00	50.09 3.98 -1.35	54.81 4.11 0.00	72.79 4.69 0.00	69.25 4.50 0.00	67.96 3.87 0.00	59.31 3.17 0.00	52.66 3.19 0.00	40.11 2.52 0.00
MUNSVILLE_WIND_PWR 323609	58.39 3.58 -0.44	44.62 2.77 0.00	40.09 2.39 0.00	36.86 2.23 0.00	35.24 2.18 0.00	39.39 2.66 0.00	43.77 2.90 0.00	53.68 3.24 0.00	48.66 3.02 0.00	44.65 2.44 0.00	51.50 2.60 0.00	50.66 2.33 0.00	53.94 2.65 0.00	53.42 2.16 0.00	51.29 1.96 0.00	52.27 1.95 0.00	46.81 2.05 0.00	53.72 3.02 0.00	72.33 4.21 0.00	69.79 5.05 0.00	69.17 5.08 0.00	60.23 4.09 0.00	52.41 2.94 0.00	39.66 2.07 0.00
N SALMON___HYD 24042	55.95 1.58 0.00	42.86 1.00 0.00	38.45 0.75 0.00	35.18 0.54 0.00	33.57 0.51 0.00	37.38 0.65 0.00	41.81 0.93 0.00	51.72 1.27 0.00	46.42 0.77 0.00	42.82 0.61 0.00	49.52 0.62 0.00	48.47 0.14 0.00	51.77 0.48 0.00	51.87 0.61 0.00	49.41 0.08 0.00	50.36 0.04 0.00	44.70 -0.06 0.00	50.88 0.17 0.00	68.78 0.67 0.00	65.59 0.84 0.00	65.47 1.38 0.00	57.57 1.44 0.00	50.66 1.19 0.00	38.42 0.83 0.00
N.AKRON__115KV_KNAPP 355671	52.71 -1.66 0.00	40.73 -1.13 0.00	36.52 -1.18 0.00	33.63 -1.01 0.00	32.27 -0.79 0.00	36.23 -0.50 0.00	39.81 -1.07 0.00	48.16 -2.28 0.00	43.95 -1.69 0.00	41.23 -0.97 0.00	47.29 -1.60 0.00	45.98 -2.35 0.00	49.69 -1.60 0.00	49.26 -2.01 0.00	46.81 -2.52 0.00	47.66 -2.66 0.00	42.51 -2.25 0.00	49.05 -1.66 0.00	65.28 -2.83 0.00	62.66 -2.09 0.00	62.25 -1.84 0.00	54.21 -1.93 0.00	47.65 -1.82 0.00	36.84 -0.75 0.00
N.E_GEN_SANDY PD 24062	55.48 1.68 0.57	43.69 1.69 -0.15	39.14 1.45 0.00	36.02 1.38 0.00	34.41 1.35 0.00	38.02 1.29 0.00	42.18 1.30 0.00	52.36 1.40 -0.53	48.11 1.33 -1.15	44.60 1.13 -1.26	50.98 1.36 -0.72	49.86 1.56 0.03	52.82 1.53 0.00	55.00 1.61 -2.12	51.77 1.86 -0.58	52.61 1.84 -0.45	46.26 1.62 0.13	62.83 1.78 -10.33	70.23 2.12 0.00	65.10 2.11 1.75	68.36 2.00 -2.27	57.63 1.49 0.00	50.84 1.37 0.00	38.14 1.24 0.69
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	57.10 2.73 0.00	44.08 2.23 0.00	39.61 1.92 0.00	36.45 1.82 0.00	34.76 1.70 0.00	38.35 1.63 0.00	42.68 1.80 0.00	49.21 1.99 3.22	40.90 2.24 6.98	36.87 2.33 7.67	50.77 3.10 1.22	51.91 3.36 -0.22	54.83 3.54 0.00	54.81 3.55 0.00	53.32 3.84 -0.15	54.13 3.81 0.00	49.08 3.45 -0.88	54.34 3.64 0.00	72.30 4.20 0.00	68.81 4.07 0.00	67.55 3.46 0.00	58.90 2.76 0.00	52.18 2.71 0.00	39.71 2.12 0.00
N.QUEENS_27_KV_LOAD 356247	57.87 3.49 0.00	44.63 2.78 0.00	40.17 2.47 0.00	36.86 2.22 0.00	35.13 2.07 0.00	38.82 2.09 0.00	43.36 2.48 0.00	55.53 2.85 -2.24	53.61 3.11 -4.86	50.66 3.11 -5.34	53.71 3.96 -0.85	52.97 4.30 -0.34	55.61 4.32 0.00	55.47 4.21 0.00	54.18 4.62 -0.23	54.88 4.56 0.00	50.20 4.10 -1.34	54.69 3.99 0.00	72.59 4.48 0.00	69.30 4.55 0.00	68.04 3.95 0.00	59.48 3.34 0.00	52.91 3.44 0.00	40.28 2.69 0.00
N.TROY___115KV_TB1 355778	56.01 1.64 0.00	43.48 1.63 0.00	39.13 1.44 0.00	36.02 1.39 0.00	34.41 1.35 0.00	38.09 1.37 0.00	42.26 1.38 0.00	51.91 1.47 0.00	46.91 1.27 0.00	43.21 1.00 0.00	50.02 1.13 0.00	49.57 1.25 0.02	52.47 1.18 0.00	52.46 1.20 0.00	50.70 1.38 0.01	51.74 1.42 0.00	45.96 1.26 0.07	52.20 1.49 0.00	70.06 1.96 0.00	66.75 2.00 0.00	66.14 2.05 0.00	57.70 1.55 0.00	50.80 1.33 0.00	38.79 1.20 0.00
NARROWS_GT1_1 24228	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT1_2 24229	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT1_3 24230	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT1_4 24231	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT1_5 24232	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00

NARROWS_GT1_6 24233	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT1_7 24234	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT1_8 24235	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT2_1 24236	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT2_2 24237	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT2_3 24238	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT2_4 24239	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT2_5 24240	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT2_6 24241	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT2_7 24242	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NARROWS_GT2_8 24243	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.66 0.00	68.14 4.04 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	56.33 1.96 0.00	43.55 1.69 0.00	39.28 1.59 0.00	36.18 1.54 0.00	34.57 1.51 0.00	38.29 1.57 0.00	42.47 1.60 0.00	52.17 1.73 0.00	46.98 1.34 0.00	43.23 1.02 0.00	49.85 0.95 0.00	49.40 1.08 0.01	52.22 0.93 0.00	52.21 0.95 0.00	50.40 1.08 0.01	51.53 1.21 0.00	45.99 1.28 0.05	52.20 1.49 0.00	70.20 2.09 0.00	67.23 2.48 0.00	66.73 2.64 0.00	58.22 2.08 0.00	51.10 1.64 0.00	38.93 1.34 0.00
NCHELSEA_115KV_TR2 355582	57.44 3.07 0.00	44.35 2.50 0.00	39.86 2.17 0.00	36.64 2.01 0.00	34.95 1.88 0.00	38.60 1.88 0.00	43.10 2.22 0.00	53.17 2.73 0.00	48.47 2.83 0.00	45.04 2.82 0.00	52.52 3.62 0.00	52.17 3.85 0.01	55.19 3.90 0.00	55.00 3.74 0.00	53.24 3.92 0.01	54.26 3.93 0.00	48.32 3.60 0.05	54.60 3.90 0.00	72.78 4.67 0.00	69.23 4.48 0.00	68.06 3.97 0.00	59.31 3.17 0.00	52.39 2.92 0.00	39.84 2.25 0.00
NEG CAPITAL___MECHNVIL 23645	56.87 2.50 0.00	44.05 2.20 0.00	39.65 1.96 0.00	36.46 1.82 0.00	34.84 1.78 0.00	38.60 1.87 0.00	42.91 2.03 0.00	52.70 2.26 0.00	47.59 1.94 0.00	43.79 1.58 0.00	50.68 1.78 0.00	50.23 1.92 0.02	53.21 1.91 0.00	53.14 1.88 0.00	51.35 2.03 0.01	52.44 2.12 0.00	46.64 1.95 0.07	53.09 2.39 0.00	71.37 3.27 0.00	68.06 3.31 0.00	67.40 3.31 0.00	58.73 2.59 0.00	51.65 2.18 0.00	39.35 1.76 0.00
NEG CENTRAL_HIGH_ACRES 23767	52.96 -1.68 -0.27	40.64 -1.22 0.00	36.51 -1.19 0.00	33.61 -1.03 0.00	32.19 -0.87 0.00	36.06 -0.66 0.00	40.06 -0.83 -0.02	49.37 -1.38 -0.31	44.50 -1.14 0.00	41.24 -0.97 0.00	47.68 -1.21 0.00	46.81 -1.52 0.00	50.05 -1.24 0.00	49.83 -1.44 0.00	47.67 -1.66 0.00	48.66 -1.66 0.00	43.34 -1.42 0.00	49.59 -1.11 0.00	66.54 -1.68 -0.12	63.52 -1.33 -0.10	62.93 -1.35 -0.18	54.66 -1.48 0.00	48.02 -1.45 0.00	36.68 -0.91 0.00

NEG CENTRAL___DRP 24199	54.57 -0.48 -0.68	41.66 -0.19 0.00	37.48 -0.21 0.00	34.52 -0.11 0.00	33.05 -0.01 0.00	36.84 0.12 0.00	41.03 0.11 -0.04	50.63 -0.34 -0.52	45.47 -0.17 -0.01	42.07 -0.14 0.00	48.54 -0.36 0.00	47.70 -0.63 0.00	50.81 -0.49 0.00	50.65 -0.61 0.00	48.59 -0.75 0.00	49.44 -0.89 0.00	44.06 -0.70 0.00	50.23 -0.48 0.00	67.56 -0.75 -0.20	64.71 -0.21 -0.17	64.24 -0.17 -0.32	55.80 -0.34 0.00	49.10 -0.37 0.00	37.45 -0.14 0.00
NEG CENTRAL___INDECK 23768	54.67 0.30 0.00	42.09 0.24 0.00	37.76 0.07 0.00	34.86 0.22 0.00	33.48 0.41 0.00	37.62 0.90 0.00	41.82 0.95 0.00	50.86 0.42 0.00	46.19 0.55 0.00	42.80 0.58 0.00	49.15 0.25 0.00	47.84 -0.49 0.00	51.56 0.27 0.00	50.99 -0.27 0.00	48.46 -0.88 0.00	48.42 -1.90 0.00	42.78 -1.98 0.00	49.18 -1.52 0.00	65.62 -2.49 0.00	63.47 -1.27 0.00	63.64 -0.45 0.00	55.64 -0.50 0.00	48.77 -0.70 0.00	38.10 0.51 0.00
NEG CENTRAL___SENECA 23627	54.25 -0.48 -0.36	41.70 -0.15 0.00	37.49 -0.21 0.00	34.55 -0.08 0.00	33.10 0.04 0.00	37.01 0.29 0.00	41.18 0.28 -0.02	50.42 -0.22 -0.20	45.63 -0.01 0.00	42.25 0.04 0.00	48.75 -0.15 0.00	47.88 -0.45 0.00	51.06 -0.23 0.00	50.86 -0.40 0.00	48.69 -0.65 0.00	49.46 -0.86 0.00	44.11 -0.65 0.00	50.37 -0.34 0.00	67.56 -0.55 0.00	64.85 0.10 0.00	64.19 0.10 0.00	55.97 -0.17 0.00	49.26 -0.21 0.00	37.64 0.05 0.00
NEG CENTRAL___STATE_STREET 24147	55.25 -0.08 -0.96	42.00 0.15 0.00	37.76 0.07 0.00	34.82 0.19 0.00	33.34 0.27 0.00	37.00 0.28 0.00	41.28 0.35 -0.05	51.16 0.04 -0.69	45.77 0.12 -0.01	42.25 0.04 0.00	48.85 -0.05 0.00	47.96 -0.37 0.00	50.99 -0.31 0.00	50.91 -0.35 0.00	48.95 -0.39 0.00	49.89 -0.43 0.00	44.42 -0.34 0.00	50.56 -0.15 0.00	68.12 -0.26 -0.27	65.18 0.21 -0.22	64.76 0.25 -0.42	56.26 0.12 0.00	49.48 0.02 0.00	37.66 0.07 0.00
NEG MILLWOOD___DRP 24198	57.58 3.21 0.00	44.49 2.64 0.00	39.96 2.27 0.00	36.73 2.10 0.00	35.04 1.97 0.00	38.68 1.96 0.00	43.16 2.28 0.00	53.79 2.76 -0.59	49.80 2.87 -1.29	46.51 2.88 -1.42	52.83 3.70 -0.23	52.23 3.93 0.03	55.33 4.04 0.00	55.24 3.98 0.00	53.48 4.17 0.02	54.49 4.17 0.00	48.45 3.82 0.13	54.81 4.10 0.00	73.01 4.90 0.00	69.40 4.65 0.00	68.18 4.09 0.00	59.40 3.27 0.00	52.52 3.05 0.00	39.93 2.34 0.00
NEG NORTH_FLCN_SEA 23793	55.77 1.40 0.00	42.96 1.11 0.00	38.57 0.88 0.00	35.29 0.66 0.00	33.66 0.60 0.00	37.36 0.64 0.00	41.90 1.02 0.00	52.28 1.84 0.00	46.93 1.28 0.00	43.31 1.10 0.00	50.12 1.22 0.00	49.20 0.87 0.00	52.50 1.21 0.00	52.60 1.34 0.00	50.42 1.09 0.00	51.45 1.13 0.00	45.58 0.82 0.00	52.04 1.33 0.00	69.81 1.70 0.00	66.58 1.84 0.00	66.34 2.26 0.00	57.96 1.82 0.00	51.05 1.59 0.00	38.85 1.27 0.00
NEG NORTH_KES_CHATEGAY 23792	55.33 0.96 0.00	42.44 0.59 0.00	38.11 0.42 0.00	34.86 0.23 0.00	33.26 0.19 0.00	37.01 0.29 0.00	41.39 0.52 0.00	51.15 0.71 0.00	45.97 0.33 0.00	42.44 0.23 0.00	49.07 0.17 0.00	48.16 -0.17 0.00	51.31 0.02 0.00	51.34 0.08 0.00	49.05 -0.29 0.00	50.08 -0.24 0.00	44.42 -0.35 0.00	50.50 -0.20 0.00	68.17 0.06 0.00	64.88 0.13 0.00	64.78 0.69 0.00	56.85 0.71 0.00	50.06 0.59 0.00	38.03 0.44 0.00
NEG NORTH___ALICE_FALLS 23915	55.93 1.56 0.00	43.04 1.19 0.00	38.64 0.95 0.00	35.35 0.72 0.00	33.72 0.65 0.00	37.45 0.72 0.00	41.97 1.10 0.00	52.27 1.83 0.00	46.85 1.21 0.00	43.25 1.04 0.00	50.04 1.15 0.00	49.08 0.75 0.00	52.39 1.10 0.00	52.47 1.20 0.00	50.29 0.96 0.00	51.34 1.02 0.00	45.49 0.73 0.00	51.98 1.28 0.00	69.77 1.66 0.00	66.58 1.84 0.00	66.42 2.32 0.00	58.07 1.93 0.00	51.13 1.66 0.00	38.88 1.30 0.00
NEG NORTH___LWR_SARANAC 23913	55.93 1.56 0.00	43.04 1.19 0.00	38.64 0.95 0.00	35.35 0.72 0.00	33.72 0.65 0.00	37.45 0.72 0.00	41.97 1.10 0.00	52.27 1.83 0.00	46.85 1.21 0.00	43.25 1.04 0.00	50.04 1.15 0.00	49.08 0.75 0.00	52.39 1.10 0.00	52.47 1.20 0.00	50.29 0.96 0.00	51.34 1.02 0.00	45.49 0.73 0.00	51.98 1.28 0.00	69.77 1.66 0.00	66.58 1.84 0.00	66.42 2.32 0.00	58.07 1.93 0.00	51.13 1.66 0.00	38.88 1.30 0.00
NEG NORTH___PLATTSBURG 23628	55.93 1.56 0.00	43.04 1.19 0.00	38.64 0.95 0.00	35.35 0.72 0.00	33.72 0.65 0.00	37.45 0.72 0.00	41.97 1.10 0.00	52.27 1.83 0.00	46.85 1.21 0.00	43.25 1.04 0.00	50.04 1.15 0.00	49.08 0.75 0.00	52.39 1.10 0.00	52.47 1.21 0.00	50.29 0.96 0.00	51.34 1.02 0.00	45.49 0.73 0.00	51.98 1.27 0.00	69.77 1.66 0.00	66.58 1.83 0.00	66.41 2.32 0.00	58.07 1.93 0.00	51.13 1.66 0.00	38.88 1.30 0.00
NEG WEST_LEA_LOCKPORT 23791	51.75 -2.63 0.00	40.06 -1.79 0.00	35.94 -1.75 0.00	33.11 -1.52 0.00	31.78 -1.29 0.00	35.66 -1.07 0.00	39.13 -1.74 0.00	47.26 -3.18 0.00	42.94 -2.70 0.00	40.12 -2.10 0.00	46.30 -2.60 0.00	44.89 -3.44 0.00	48.65 -2.64 0.00	48.17 -3.10 0.00	45.65 -3.68 0.00	46.52 -3.80 0.00	41.39 -3.37 0.00	47.86 -2.84 0.00	63.61 -4.50 0.00	60.80 -3.94 0.00	60.27 -3.82 0.00	52.47 -3.67 0.00	46.25 -3.22 0.00	35.94 -1.65 0.00
NEG WEST___LANCASTR 23811	52.02 -2.35 0.00	40.15 -1.70 0.00	36.06 -1.63 0.00	33.24 -1.39 0.00	31.88 -1.18 0.00	35.73 -0.99 0.00	39.42 -1.45 0.00	47.87 -2.57 0.00	43.65 -1.99 0.00	40.71 -1.50 0.00	47.14 -1.75 0.00	45.82 -2.51 0.00	49.67 -1.63 0.00	49.14 -2.12 0.00	46.72 -2.61 0.00	47.58 -2.75 0.00	42.31 -2.45 0.00	48.84 -1.87 0.00	64.91 -3.20 0.00	61.97 -2.78 0.00	61.27 -2.82 0.00	53.32 -2.82 0.00	46.95 -2.51 0.00	36.28 -1.31 0.00
NEG_PENN_ALLEGHNY 23528	54.69 -0.10 -0.42	41.88 0.03 0.00	37.72 0.03 0.00	34.74 0.10 0.00	33.22 0.16 0.00	37.00 0.28 0.00	41.13 0.25 0.00	50.37 -0.08 0.00	45.67 0.03 0.00	42.35 0.14 0.00	49.10 0.20 0.00	48.39 0.06 0.00	51.74 0.45 0.00	51.54 0.28 0.00	49.60 0.27 0.00	50.51 0.19 0.00	44.96 0.20 0.00	51.16 0.45 0.00	68.47 0.36 0.00	65.31 0.56 0.00	64.45 0.36 0.00	56.27 0.13 0.00	49.52 0.05 0.00	37.74 0.15 0.00
NEG___GEN_MONROE 24207	53.50 -0.87 0.00	41.25 -0.60 0.00	37.03 -0.66 0.00	34.08 -0.56 0.00	32.65 -0.42 0.00	36.65 -0.07 0.00	40.58 -0.29 0.00	49.57 -0.87 0.00	45.02 -0.62 0.00	41.90 -0.31 0.00	48.29 -0.61 0.00	47.30 -1.03 0.00	50.72 -0.58 0.00	50.42 -0.84 0.00	48.14 -1.19 0.00	49.12 -1.20 0.00	43.73 -1.03 0.00	50.20 -0.50 0.00	67.16 -0.95 0.00	64.27 -0.47 0.00	63.69 -0.39 0.00	55.52 -0.62 0.00	48.75 -0.72 0.00	37.36 -0.23 0.00
NEPA___ENERGY 23901	52.23 -2.14 0.00	40.31 -1.54 0.00	36.28 -1.41 0.00	33.53 -1.10 0.00	32.11 -0.95 0.00	36.01 -0.72 0.00	39.83 -1.05 0.00	48.15 -2.29 0.00	43.62 -2.02 0.00	40.80 -1.42 0.00	47.50 -1.40 0.00	46.16 -2.18 0.00	50.29 -1.00 0.00	49.66 -1.60 0.00	47.45 -1.88 0.00	48.20 -2.13 0.00	42.84 -1.92 0.00	49.42 -1.28 0.00	65.78 -2.33 0.00	62.72 -2.03 0.00	61.80 -2.29 0.00	53.73 -2.41 0.00	47.27 -2.20 0.00	36.46 -1.13 0.00

NEVERSINK___HYD 23608	55.92 1.55 0.00	43.08 1.23 0.00	38.72 1.03 0.00	35.59 0.95 0.00	33.93 0.86 0.00	37.50 0.77 0.00	41.75 0.88 0.00	50.87 0.96 0.53	45.62 1.13 1.16	42.15 1.21 1.27	50.48 1.78 0.20	50.29 1.93 -0.03	53.37 2.07 0.00	53.34 2.08 0.00	51.59 2.24 -0.02	52.53 2.21 0.00	46.96 2.07 -0.12	53.02 2.31 0.00	70.84 2.73 0.00	67.51 2.76 0.00	66.36 2.27 0.00	57.83 1.69 0.00	51.04 1.57 0.00	38.74 1.15 0.00
NEWKRMKL_115KV_TB1 55635	55.14 0.77 0.00	42.71 0.85 0.00	38.56 0.86 0.00	35.52 0.88 0.00	33.94 0.87 0.00	37.53 0.81 0.00	41.56 0.68 0.00	51.08 0.64 0.00	46.26 0.62 0.00	42.72 0.51 0.00	49.46 0.57 0.00	49.03 0.71 0.02	51.90 0.60 0.00	51.91 0.65 0.00	50.16 0.83 0.01	51.18 0.86 0.00	45.49 0.80 0.07	51.56 0.85 0.00	69.04 0.94 0.00	65.76 1.01 0.00	65.03 0.94 0.00	56.76 0.61 0.00	50.00 0.53 0.00	38.20 0.62 0.00
NEWTON___FALLS_HYD 23847	56.32 1.62 -0.33	42.80 0.94 0.00	38.30 0.60 0.00	35.20 0.56 0.00	33.69 0.63 0.00	37.52 0.80 0.00	41.85 0.95 -0.02	52.02 1.25 -0.33	46.42 0.78 0.00	42.56 0.35 0.00	49.03 0.13 0.00	48.10 -0.23 0.00	51.22 -0.07 0.00	51.35 0.09 0.00	49.06 -0.27 0.00	49.95 -0.37 0.00	44.43 -0.33 0.00	50.59 -0.11 0.00	68.69 0.44 -0.14	65.83 0.97 -0.12	65.97 1.66 -0.22	58.20 2.06 0.00	51.14 1.67 0.00	38.68 1.09 0.00
NGRID_A1_DSASP 323792	50.47 -3.90 0.00	39.07 -2.78 0.00	35.05 -2.65 0.00	32.31 -2.33 0.00	31.00 -2.06 0.00	34.79 -1.93 0.00	38.19 -2.69 0.00	46.25 -4.19 0.00	42.10 -3.54 0.00	39.34 -2.87 0.00	45.40 -3.50 0.00	43.96 -4.37 0.00	47.66 -3.63 0.00	47.20 -4.06 0.00	44.68 -4.65 0.00	45.58 -4.75 0.00	40.54 -4.22 0.00	46.88 -3.83 0.00	62.24 -5.87 0.00	59.37 -5.37 0.00	58.82 -5.27 0.00	51.22 -4.92 0.00	45.20 -4.27 0.00	35.09 -2.49 0.00
NGRID_A2_DSASP 323793	50.47 -3.90 0.00	39.07 -2.78 0.00	35.05 -2.65 0.00	32.31 -2.33 0.00	31.00 -2.06 0.00	34.79 -1.93 0.00	38.19 -2.69 0.00	46.25 -4.19 0.00	42.10 -3.54 0.00	39.34 -2.87 0.00	45.40 -3.50 0.00	43.96 -4.37 0.00	47.66 -3.63 0.00	47.20 -4.06 0.00	44.68 -4.65 0.00	45.58 -4.75 0.00	40.54 -4.22 0.00	46.88 -3.83 0.00	62.24 -5.87 0.00	59.37 -5.37 0.00	58.82 -5.27 0.00	51.22 -4.92 0.00	45.20 -4.27 0.00	35.09 -2.49 0.00
NGRID_A4_DSASP 323807	50.47 -3.90 0.00	39.07 -2.78 0.00	35.05 -2.65 0.00	32.31 -2.33 0.00	31.00 -2.06 0.00	34.79 -1.93 0.00	38.19 -2.69 0.00	46.25 -4.19 0.00	42.10 -3.54 0.00	39.34 -2.87 0.00	45.40 -3.50 0.00	43.96 -4.37 0.00	47.66 -3.63 0.00	47.20 -4.06 0.00	44.68 -4.65 0.00	45.58 -4.75 0.00	40.54 -4.22 0.00	46.88 -3.83 0.00	62.24 -5.87 0.00	59.37 -5.37 0.00	58.82 -5.27 0.00	51.22 -4.92 0.00	45.20 -4.27 0.00	35.09 -2.49 0.00
NIAGARA_115E_LBMP 323715	51.26 -3.11 0.00	39.67 -2.18 0.00	35.59 -2.10 0.00	32.79 -1.85 0.00	31.46 -1.60 0.00	35.30 -1.43 0.00	38.62 -2.26 0.00	46.51 -3.93 0.00	42.27 -3.37 0.00	39.47 -2.74 0.00	45.54 -3.36 0.00	44.11 -4.22 0.00	47.83 -3.46 0.00	47.35 -3.91 0.00	44.85 -4.48 0.00	45.72 -4.60 0.00	40.68 -4.09 0.00	47.04 -3.67 0.00	62.47 -5.64 0.00	59.66 -5.09 0.00	59.13 -4.96 0.00	51.48 -4.66 0.00	45.44 -4.02 0.00	35.44 -2.15 0.00
NIAGARA_115W_LBMP 323714	50.34 -4.03 0.00	38.98 -2.88 0.00	34.96 -2.73 0.00	32.22 -2.42 0.00	30.92 -2.14 0.00	34.71 -2.01 0.00	38.09 -2.79 0.00	46.13 -4.31 0.00	41.99 -3.65 0.00	39.22 -2.99 0.00	45.29 -3.61 0.00	43.84 -4.50 0.00	47.54 -3.75 0.00	47.08 -4.19 0.00	44.58 -4.76 0.00	45.46 -4.86 0.00	40.43 -4.33 0.00	46.74 -3.96 0.00	62.05 -6.06 0.00	59.21 -5.54 0.00	58.65 -5.44 0.00	51.08 -5.06 0.00	45.09 -4.38 0.00	35.01 -2.58 0.00
NIAGARA_230_LBMP 323716	51.15 -3.22 0.00	39.56 -2.29 0.00	35.50 -2.19 0.00	32.72 -1.91 0.00	31.39 -1.67 0.00	35.20 -1.53 0.00	38.68 -2.20 0.00	46.83 -3.61 0.00	42.61 -3.03 0.00	39.79 -2.42 0.00	45.98 -2.92 0.00	44.57 -3.76 0.00	48.28 -3.01 0.00	47.78 -3.48 0.00	45.30 -4.03 0.00	46.20 -4.12 0.00	41.09 -3.67 0.00	47.49 -3.22 0.00	63.05 -5.06 0.00	60.19 -4.55 0.00	59.62 -4.47 0.00	51.91 -4.22 0.00	45.79 -3.68 0.00	35.54 -2.05 0.00
NIAGARA___115KV_198_GIBSON 55903	50.34 -4.03 0.00	38.98 -2.88 0.00	34.97 -2.72 0.00	32.22 -2.42 0.00	30.92 -2.14 0.00	34.71 -2.01 0.00	38.08 -2.79 0.00	46.12 -4.32 0.00	41.96 -3.68 0.00	39.21 -3.01 0.00	45.27 -3.63 0.00	43.84 -4.50 0.00	47.54 -3.76 0.00	47.11 -4.16 0.00	44.57 -4.77 0.00	45.46 -4.87 0.00	40.42 -4.34 0.00	46.74 -3.96 0.00	62.04 -6.06 0.00	59.21 -5.54 0.00	58.65 -5.44 0.00	51.08 -5.06 0.00	45.08 -4.38 0.00	35.01 -2.58 0.00
NIAGARA____ 23760	51.15 -3.22 0.00	39.56 -2.29 0.00	35.50 -2.19 0.00	32.72 -1.91 0.00	31.39 -1.67 0.00	35.20 -1.53 0.00	38.68 -2.20 0.00	46.83 -3.61 0.00	42.61 -3.03 0.00	39.79 -2.42 0.00	45.98 -2.92 0.00	44.57 -3.76 0.00	48.28 -3.01 0.00	47.78 -3.48 0.00	45.30 -4.03 0.00	46.20 -4.12 0.00	41.09 -3.67 0.00	47.49 -3.22 0.00	63.05 -5.06 0.00	60.19 -4.55 0.00	59.62 -4.47 0.00	51.91 -4.22 0.00	45.79 -3.68 0.00	35.54 -2.05 0.00
NINE_MILE_1 23575	46.52 -1.91 5.94	40.48 -1.38 0.00	36.46 -1.23 0.00	33.53 -1.10 0.00	32.04 -1.02 0.00	35.65 -1.08 0.00	39.07 -1.23 0.57	39.63 -1.70 9.11	43.96 -1.56 0.12	40.80 -1.41 0.00	47.17 -1.73 0.00	46.57 -1.76 0.00	49.49 -1.80 0.00	49.44 -1.83 0.00	47.58 -1.76 0.00	48.58 -1.74 0.00	43.26 -1.50 0.00	49.12 -1.59 0.00	61.30 -2.36 4.46	58.93 -2.10 3.71	55.03 -2.08 6.98	54.31 -1.83 0.00	47.85 -1.62 0.00	36.42 -1.17 0.00
NINE_MILE_2 23744	46.44 -1.90 6.03	40.48 -1.38 0.00	36.47 -1.23 0.00	33.53 -1.10 0.00	32.05 -1.02 0.00	35.65 -1.08 0.00	39.07 -1.23 0.58	39.55 -1.69 9.20	43.96 -1.56 0.12	40.80 -1.41 0.00	47.17 -1.73 0.00	46.58 -1.75 0.00	49.49 -1.80 0.00	49.44 -1.83 0.00	47.58 -1.76 0.00	48.58 -1.74 0.00	43.26 -1.50 0.00	49.12 -1.59 0.00	61.27 -2.34 4.50	58.90 -2.10 3.75	54.98 -2.07 7.04	54.31 -1.83 0.00	47.85 -1.61 0.00	36.42 -1.17 0.00
NM_CAPITAL___DRP 24208	55.24 0.87 0.00	42.82 0.97 0.00	38.64 0.94 0.00	35.59 0.95 0.00	34.00 0.93 0.00	37.60 0.88 0.00	41.64 0.76 0.00	51.17 0.73 0.00	46.32 0.68 0.00	42.78 0.57 0.00	49.54 0.64 0.00	49.09 0.78 0.02	51.92 0.62 0.00	51.93 0.67 0.00	50.19 0.87 0.01	51.21 0.89 0.00	45.52 0.83 0.07	51.57 0.86 0.00	69.09 0.99 0.00	65.80 1.05 0.00	65.09 1.00 0.00	56.81 0.67 0.00	50.06 0.59 0.00	38.25 0.66 0.00
NM_CENTRAL___DRP 24181	53.99 -0.97 -0.59	41.18 -0.67 0.00	37.14 -0.55 0.00	34.17 -0.47 0.00	32.66 -0.41 0.00	36.36 -0.37 0.00	40.45 -0.44 -0.02	49.83 -0.77 -0.16	44.96 -0.68 0.00	41.59 -0.62 0.00	48.08 -0.81 0.00	47.47 -0.86 0.00	50.47 -0.82 0.00	50.40 -0.86 0.00	48.52 -0.81 0.00	49.53 -0.79 0.00	44.13 -0.63 0.00	50.14 -0.56 0.00	67.16 -0.95 0.00	64.03 -0.72 0.00	63.31 -0.78 0.00	55.39 -0.76 0.00	48.74 -0.73 0.00	37.09 -0.50 0.00

NM_FRONTIER___DRP 24179	50.34 -4.03 0.00	38.98 -2.88 0.00	34.97 -2.72 0.00	32.22 -2.42 0.00	30.92 -2.14 0.00	34.71 -2.01 0.00	38.08 -2.79 0.00	46.12 -4.32 0.00	41.96 -3.68 0.00	39.21 -3.01 0.00	45.27 -3.63 0.00	43.84 -4.50 0.00	47.54 -3.76 0.00	47.11 -4.16 0.00	44.57 -4.77 0.00	45.46 -4.87 0.00	40.42 -4.34 0.00	46.74 -3.96 0.00	62.04 -6.06 0.00	59.21 -5.54 0.00	58.65 -5.44 0.00	51.08 -5.06 0.00	45.08 -4.38 0.00	35.01 -2.58 0.00
NM_ST_REGIS___HYD 24053	55.90 1.53 0.00	42.75 0.90 0.00	38.34 0.64 0.00	35.12 0.49 0.00	33.54 0.47 0.00	37.36 0.63 0.00	41.71 0.83 0.00	51.57 1.14 0.00	46.23 0.59 0.00	42.59 0.38 0.00	49.26 0.36 0.00	48.20 -0.13 0.00	51.47 0.18 0.00	51.57 0.31 0.00	49.03 -0.30 0.00	49.84 -0.48 0.00	44.27 -0.49 0.00	50.41 -0.30 0.00	68.25 0.14 0.00	65.10 0.36 0.00	65.06 0.97 0.00	57.56 1.42 0.00	50.68 1.22 0.00	38.41 0.82 0.00
NORTHPORT___1 23551	58.08 3.34 -0.37	46.43 3.34 -1.24	40.46 2.77 0.00	37.12 2.49 0.00	35.32 2.26 0.00	38.91 2.19 0.00	43.55 2.67 0.00	55.73 3.05 -2.24	53.65 3.17 -4.85	50.64 3.10 -5.33	54.64 4.04 -1.71	54.58 4.24 -2.01	55.24 3.58 -0.37	54.88 3.44 -0.18	55.17 3.84 -2.00	47.15 3.79 6.96	52.17 3.18 -4.23	53.88 3.18 0.00	71.58 3.47 0.00	67.93 3.19 0.00	66.68 2.60 0.00	57.72 2.11 0.53	52.63 3.16 0.00	40.07 2.48 0.00
NORTHPORT___2 23552	58.08 3.34 -0.37	46.43 3.34 -1.24	40.46 2.77 0.00	37.12 2.49 0.00	35.32 2.26 0.00	38.91 2.19 0.00	43.55 2.67 0.00	55.73 3.05 -2.24	53.65 3.17 -4.85	50.64 3.10 -5.33	54.64 4.04 -1.71	54.58 4.24 -2.01	55.24 3.58 -0.37	54.88 3.44 -0.18	55.17 3.84 -2.00	47.15 3.79 6.96	52.17 3.18 -4.23	53.88 3.18 0.00	71.58 3.47 0.00	67.93 3.19 0.00	66.68 2.60 0.00	57.72 2.11 0.53	52.63 3.16 0.00	40.07 2.48 0.00
NORTHPORT___3 23553	57.78 3.03 -0.37	46.57 3.34 -1.38	40.39 2.69 0.00	37.05 2.42 0.00	35.25 2.19 0.00	38.87 2.15 0.00	43.47 2.60 0.00	55.61 2.93 -2.24	53.48 3.00 -4.85	50.55 3.02 -5.33	54.46 3.85 -1.71	54.22 3.82 -2.06	55.13 3.47 -0.37	54.73 3.29 -0.18	55.32 3.69 -2.30	49.96 3.42 3.79	51.88 2.86 -4.25	53.46 2.76 0.00	71.04 2.94 0.00	67.38 2.65 0.01	66.16 2.08 0.01	57.43 1.82 0.53	52.37 2.90 0.00	39.88 2.30 0.00
NORTHPORT___4 23650	57.78 3.03 -0.37	46.57 3.34 -1.38	40.39 2.69 0.00	37.05 2.42 0.00	35.25 2.19 0.00	38.87 2.15 0.00	43.47 2.60 0.00	55.61 2.93 -2.24	53.48 3.00 -4.85	50.55 3.02 -5.33	54.46 3.85 -1.71	54.22 3.82 -2.06	55.13 3.47 -0.37	54.73 3.29 -0.18	55.32 3.69 -2.30	49.96 3.42 3.79	51.88 2.86 -4.25	53.46 2.76 0.00	71.04 2.94 0.00	67.38 2.65 0.01	66.16 2.08 0.01	57.43 1.82 0.53	52.37 2.90 0.00	39.88 2.30 0.00
NORTHPORT___IC 23718	58.09 3.35 -0.37	46.49 3.40 -1.24	40.47 2.77 0.00	37.12 2.49 0.00	35.32 2.26 0.00	38.91 2.19 0.00	43.55 2.67 0.00	55.72 3.05 -2.24	53.66 3.17 -4.85	50.65 3.11 -5.33	54.61 4.01 -1.71	54.59 4.25 -2.01	55.33 3.67 -0.37	54.88 3.45 -0.18	55.17 3.84 -2.00	47.15 3.79 6.96	52.18 3.19 -4.23	53.88 3.18 0.00	71.58 3.47 0.00	67.93 3.19 0.00	66.69 2.60 0.00	57.72 2.11 0.53	52.63 3.16 0.00	40.07 2.48 0.00
NORTH___COUNTRY_ESR 323785	55.21 0.84 0.00	42.35 0.50 0.00	38.03 0.33 0.00	34.78 0.15 0.00	33.18 0.12 0.00	36.92 0.20 0.00	41.29 0.42 0.00	51.11 0.67 0.00	45.96 0.32 0.00	42.44 0.23 0.00	49.07 0.17 0.00	48.14 -0.19 0.00	51.29 0.00 0.00	51.33 0.07 0.00	49.04 -0.30 0.00	50.07 -0.25 0.00	44.38 -0.38 0.00	50.47 -0.23 0.00	68.16 0.04 0.00	64.83 0.08 0.00	64.56 0.48 0.00	56.63 0.49 0.00	49.87 0.40 0.00	37.91 0.32 0.00
NPX_GEN_1385_PROXY 323591	58.03 3.29 -0.37	46.40 3.31 -1.24	40.51 2.81 0.00	37.12 2.49 0.00	35.33 2.26 0.00	39.03 2.31 0.00	43.60 2.72 0.00	54.35 3.06 -0.85	53.68 3.20 -4.85	49.40 2.81 -4.38	54.53 3.72 -1.92	54.04 3.69 -2.01	54.35 2.68 -0.37	54.39 2.95 -0.18	54.87 3.53 -2.00	46.76 3.40 6.96	52.03 3.05 -4.23	54.02 3.32 0.00	71.86 3.75 0.00	68.46 3.72 0.00	67.48 3.39 0.00	57.47 1.86 0.53	51.37 3.05 1.15	39.99 2.40 0.00
NPX_GEN_CSC 323557	58.35 3.61 -0.37	46.50 3.39 -1.26	40.44 2.75 0.00	37.22 2.59 0.00	35.39 2.33 0.00	38.79 2.07 0.00	43.72 2.84 0.00	54.38 3.09 -0.85	53.75 3.26 -4.85	49.84 3.25 -4.38	55.06 4.24 -1.92	54.94 4.59 -2.02	55.93 4.19 -0.44	55.68 4.24 -0.18	67.11 4.62 -13.16	167.86 4.66 -112.87	53.05 4.02 -4.27	54.86 4.15 -0.01	72.85 4.74 0.00	69.03 4.29 0.00	67.67 3.58 0.00	59.01 2.91 0.04	51.98 3.66 1.15	40.29 2.70 0.00
NSINS_S_GLNS_FALLS 23858	57.05 2.68 0.00	44.31 2.46 0.00	39.84 2.14 0.00	36.60 1.97 0.00	35.00 1.93 0.00	38.72 2.00 0.00	43.15 2.28 0.00	52.98 2.54 0.00	47.75 2.11 0.00	43.78 1.57 0.00	50.50 1.61 0.00	50.09 1.77 0.02	53.07 1.78 0.00	52.94 1.68 0.00	51.17 1.85 0.01	52.31 1.98 0.00	46.55 1.85 0.06	53.16 2.45 0.00	71.64 3.53 0.00	68.22 3.47 0.00	67.61 3.52 0.00	59.00 2.86 0.00	51.85 2.38 0.00	39.44 1.85 0.00
NUCOR_STEEL___DRP 24197	55.29 -0.12 -1.03	41.97 0.12 0.00	37.73 0.04 0.00	34.80 0.16 0.00	33.31 0.25 0.00	36.96 0.24 0.00	41.24 0.31 -0.06	51.18 -0.01 -0.75	45.74 0.09 -0.01	42.22 0.00 0.00	48.83 -0.07 0.00	47.94 -0.39 0.00	50.95 -0.34 0.00	50.87 -0.39 0.00	48.92 -0.41 0.00	49.89 -0.43 0.00	44.40 -0.36 0.00	50.54 -0.16 0.00	68.10 -0.31 -0.30	65.14 0.14 -0.25	64.74 0.19 -0.46	56.20 0.06 0.00	49.43 -0.03 0.00	37.62 0.03 0.00
NUMBER_THREE_WT_PWR 323818	56.69 1.93 -0.40	43.01 1.16 0.00	38.42 0.72 0.00	35.42 0.78 0.00	33.99 0.92 0.00	37.82 1.10 0.00	42.13 1.23 -0.03	52.35 1.54 -0.37	46.86 1.22 0.00	42.83 0.62 0.00	49.24 0.34 0.00	48.44 0.11 0.00	51.41 0.12 0.00	51.55 0.28 0.00	49.54 0.21 0.00	50.61 0.28 0.00	45.09 0.33 0.00	51.34 0.63 0.00	69.67 1.41 -0.15	67.02 2.15 -0.13	67.10 2.77 -0.24	58.99 2.85 0.00	51.73 2.27 0.00	39.08 1.49 0.00
NYISO_LBMP_REFERENCE 24008	54.37 0.00 0.00	41.85 0.00 0.00	37.69 0.00 0.00	34.64 0.00 0.00	33.06 0.00 0.00	36.72 0.00 0.00	40.88 0.00 0.00	50.44 0.00 0.00	45.64 0.00 0.00	42.21 0.00 0.00	48.90 0.00 0.00	48.33 0.00 0.00	51.29 0.00 0.00	51.26 0.00 0.00	49.33 0.00 0.00	50.32 0.00 0.00	44.76 0.00 0.00	50.70 0.00 0.00	68.11 0.00 0.00	64.75 0.00 0.00	64.09 0.00 0.00	56.14 0.00 0.00	49.47 0.00 0.00	37.59 0.00 0.00
NYPA_BRENTWD____GT 24164	59.08 4.34 -0.37	47.12 3.97 -1.29	40.99 3.30 0.00	37.59 2.95 0.00	35.76 2.70 0.00	39.40 2.67 0.00	44.12 3.24 0.00	56.46 3.79 -2.24	54.35 3.86 -4.85	51.31 3.77 -5.33	55.46 4.86 -1.71	55.47 5.11 -2.03	56.49 4.67 -0.53	56.14 4.69 -0.19	70.07 5.07 -15.67	195.09 5.05 -139.72	53.32 4.25 -4.32	55.05 4.34 0.00	73.11 5.00 0.00	69.34 4.60 0.00	68.08 3.99 0.00	59.47 3.38 0.05	53.61 4.14 0.00	40.74 3.15 0.00

NYPA_GOWANUS____GT5 24156	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.75 4.04 0.00	72.70 4.59 0.00	69.38 4.64 0.00	68.11 4.02 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NYPA_GOWANUS____GT6 24157	57.71 3.34 0.00	44.54 2.69 0.00	40.09 2.40 0.00	36.79 2.16 0.00	35.09 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.48 2.80 -2.24	53.55 3.05 -4.86	50.66 3.11 -5.34	53.70 3.95 -0.85	52.97 4.30 -0.35	55.57 4.28 0.00	55.42 4.16 0.00	54.20 4.64 -0.23	54.92 4.60 0.00	50.30 4.19 -1.34	54.75 4.04 0.00	72.70 4.59 0.00	69.38 4.64 0.00	68.11 4.02 0.00	59.52 3.38 0.00	52.97 3.50 0.00	40.44 2.85 0.00
NYPA_HARLEM__RVR__GT1 24160	57.71 3.33 0.00	44.52 2.67 0.00	40.08 2.39 0.00	36.76 2.12 0.00	35.05 1.99 0.00	38.73 2.01 0.00	43.28 2.41 0.00	55.44 2.76 -2.24	53.52 3.02 -4.86	50.58 3.02 -5.34	53.62 3.87 -0.85	52.87 4.20 -0.35	55.46 4.17 0.00	55.34 4.08 0.00	54.04 4.47 -0.23	54.74 4.42 0.00	50.09 3.99 -1.34	54.53 3.82 0.00	72.39 4.28 0.00	69.11 4.36 0.00	67.85 3.76 0.00	59.33 3.19 0.00	52.80 3.33 0.00	40.18 2.59 0.00
NYPA_HARLEM__RVR__GT2 24161	57.71 3.33 0.00	44.52 2.67 0.00	40.08 2.39 0.00	36.76 2.12 0.00	35.05 1.99 0.00	38.73 2.01 0.00	43.28 2.41 0.00	55.44 2.76 -2.24	53.52 3.02 -4.86	50.58 3.02 -5.34	53.62 3.87 -0.85	52.87 4.20 -0.35	55.46 4.17 0.00	55.34 4.08 0.00	54.04 4.47 -0.23	54.74 4.42 0.00	50.09 3.99 -1.34	54.53 3.82 0.00	72.39 4.28 0.00	69.11 4.36 0.00	67.85 3.76 0.00	59.33 3.19 0.00	52.80 3.33 0.00	40.18 2.59 0.00
NYPA_KENT____GT 24152	57.66 3.28 0.00	44.55 2.70 0.00	40.08 2.38 0.00	36.79 2.15 0.00	35.09 2.02 0.00	38.76 2.03 0.00	43.32 2.45 0.00	55.49 2.80 -2.24	53.57 3.07 -4.86	50.67 3.11 -5.34	53.73 3.98 -0.85	52.98 4.31 -0.35	55.59 4.29 0.00	55.46 4.20 0.00	54.17 4.61 -0.23	54.88 4.55 0.00	50.27 4.17 -1.34	54.71 4.01 0.00	72.61 4.50 0.00	69.23 4.49 0.00	67.96 3.87 0.00	59.42 3.28 0.00	52.89 3.42 0.00	40.35 2.76 0.00
NYPA_POUCH1____GT 24155	57.57 3.20 0.00	44.41 2.56 0.00	39.99 2.30 0.00	36.70 2.07 0.00	35.00 1.94 0.00	38.67 1.95 0.00	43.21 2.34 0.00	55.29 2.61 -2.24	53.36 2.86 -4.86	50.46 2.90 -5.34	53.44 3.70 -0.85	52.18 4.05 0.20	55.20 4.02 0.11	54.59 3.90 0.57	53.69 4.40 0.04	54.69 4.37 0.00	50.10 4.00 -1.34	54.57 3.87 0.00	72.55 4.44 0.00	69.31 4.56 0.00	68.04 3.94 0.00	59.42 3.28 0.00	52.86 3.39 0.00	40.42 2.83 0.00
NYPA_VERNON____GT2 24162	57.61 3.24 0.00	44.55 2.70 0.00	40.07 2.37 0.00	36.79 2.15 0.00	35.08 2.02 0.00	38.75 2.03 0.00	43.30 2.42 0.00	55.49 2.80 -2.24	53.58 3.08 -4.86	50.70 3.14 -5.34	53.75 4.00 -0.85	52.99 4.31 -0.35	55.60 4.31 0.00	55.50 4.24 0.00	54.15 4.59 -0.23	54.83 4.51 0.00	50.25 4.14 -1.34	54.74 4.04 0.00	72.56 4.45 0.00	69.14 4.39 0.00	67.84 3.75 0.00	59.32 3.18 0.00	52.79 3.32 0.00	40.26 2.67 0.00
NYPA_VERNON____GT3 24163	57.61 3.24 0.00	44.55 2.70 0.00	40.07 2.37 0.00	36.79 2.15 0.00	35.08 2.02 0.00	38.75 2.03 0.00	43.30 2.42 0.00	55.49 2.80 -2.24	53.58 3.08 -4.86	50.70 3.14 -5.34	53.75 4.00 -0.85	52.99 4.31 -0.35	55.60 4.31 0.00	55.50 4.24 0.00	54.15 4.59 -0.23	54.83 4.51 0.00	50.25 4.14 -1.34	54.74 4.04 0.00	72.56 4.45 0.00	69.14 4.39 0.00	67.84 3.75 0.00	59.32 3.18 0.00	52.79 3.32 0.00	40.26 2.67 0.00
NYPA____ASTORIA_CC1 323568	57.47 3.09 0.00	44.46 2.61 0.00	39.98 2.29 0.00	36.71 2.07 0.00	35.01 1.94 0.00	38.68 1.96 0.00	43.22 2.35 0.00	55.38 2.70 -2.24	53.48 2.98 -4.86	50.61 3.05 -5.34	53.64 3.88 -0.85	52.89 4.22 -0.35	55.48 4.18 0.00	55.34 4.08 0.00	54.00 4.44 -0.23	54.68 4.36 0.00	50.13 4.03 -1.34	54.57 3.87 0.00	72.30 4.19 0.00	68.94 4.19 0.00	67.65 3.56 0.00	59.16 3.02 0.00	52.68 3.21 0.00	40.17 2.59 0.00
NYPA____ASTORIA_CC2 323569	57.47 3.09 0.00	44.46 2.61 0.00	39.98 2.29 0.00	36.71 2.07 0.00	35.01 1.94 0.00	38.68 1.96 0.00	43.22 2.35 0.00	55.38 2.70 -2.24	53.48 2.98 -4.86	50.61 3.05 -5.34	53.64 3.88 -0.85	52.89 4.22 -0.35	55.48 4.18 0.00	55.34 4.08 0.00	54.00 4.44 -0.23	54.68 4.36 0.00	50.13 4.03 -1.34	54.57 3.87 0.00	72.30 4.19 0.00	68.94 4.19 0.00	67.65 3.56 0.00	59.16 3.02 0.00	52.68 3.21 0.00	40.17 2.59 0.00
NYPA____HOLTSVILL 23794	58.60 3.85 -0.37	46.73 3.62 -1.26	40.66 2.97 0.00	37.32 2.68 0.00	35.50 2.43 0.00	39.06 2.34 0.00	43.81 2.93 0.00	56.02 3.34 -2.24	53.95 3.47 -4.85	50.91 3.38 -5.33	55.03 4.42 -1.71	55.07 4.72 -2.02	56.05 4.32 -0.44	55.75 4.30 -0.18	67.02 4.70 -12.99	166.31 4.66 -111.33	53.00 3.98 -4.27	54.80 4.09 -0.01	72.79 4.67 0.00	68.99 4.25 0.00	67.69 3.60 0.00	59.05 2.95 0.04	53.21 3.74 0.00	40.42 2.83 0.00
NYPA____HELLGATE_GT1 24158	57.71 3.33 0.00	44.52 2.67 0.00	40.08 2.39 0.00	36.76 2.12 0.00	35.05 1.99 0.00	38.73 2.01 0.00	43.28 2.41 0.00	55.44 2.76 -2.24	53.52 3.02 -4.86	50.58 3.02 -5.34	53.62 3.87 -0.85	52.87 4.20 -0.35	55.46 4.17 0.00	55.34 4.08 0.00	54.04 4.47 -0.23	54.72 4.39 0.00	50.06 3.96 -1.34	54.53 3.82 0.00	72.39 4.28 0.00	69.11 4.36 0.00	67.85 3.76 0.00	59.33 3.19 0.00	52.80 3.33 0.00	40.18 2.59 0.00
NYPA____HELLGATE_GT2 24159	57.71 3.33 0.00	44.52 2.67 0.00	40.08 2.39 0.00	36.76 2.12 0.00	35.05 1.99 0.00	38.73 2.01 0.00	43.28 2.41 0.00	55.44 2.76 -2.24	53.52 3.02 -4.86	50.58 3.02 -5.34	53.62 3.87 -0.85	52.87 4.20 -0.35	55.46 4.17 0.00	55.34 4.08 0.00	54.04 4.47 -0.23	54.72 4.39 0.00	50.06 3.96 -1.34	54.53 3.82 0.00	72.39 4.28 0.00	69.11 4.36 0.00	67.85 3.76 0.00	59.33 3.19 0.00	52.80 3.33 0.00	40.18 2.59 0.00
NYS_BARGE____HYD 23848	51.86 -2.51 0.00	40.12 -1.73 0.00	35.99 -1.71 0.00	33.15 -1.48 0.00	31.82 -1.25 0.00	35.70 -1.02 0.00	39.17 -1.71 0.00	47.30 -3.14 0.00	42.98 -2.66 0.00	40.13 -2.09 0.00	46.29 -2.61 0.00	44.89 -3.44 0.00	48.64 -2.65 0.00	48.15 -3.11 0.00	45.66 -3.67 0.00	46.52 -3.80 0.00	41.41 -3.36 0.00	47.86 -2.84 0.00	63.62 -4.48 0.00	60.84 -3.91 0.00	60.32 -3.77 0.00	52.50 -3.64 0.00	46.28 -3.19 0.00	35.97 -1.62 0.00
OAK ORCHARD____HYD 24046	53.18 -1.19 0.00	41.00 -0.85 0.00	36.83 -0.86 0.00	33.89 -0.74 0.00	32.47 -0.59 0.00	36.44 -0.28 0.00	40.40 -0.48 0.00	49.44 -1.00 0.00	44.91 -0.73 0.00	41.72 -0.49 0.00	48.22 -0.67 0.00	47.24 -1.09 0.00	50.62 -0.67 0.00	50.35 -0.91 0.00	48.14 -1.19 0.00	49.12 -1.20 0.00	43.75 -1.02 0.00	50.13 -0.57 0.00	67.04 -1.07 0.00	64.04 -0.71 0.00	63.36 -0.73 0.00	55.24 -0.90 0.00	48.53 -0.94 0.00	37.15 -0.44 0.00

OAKDALE___35_KV_LOAD 356122	54.42 -0.35 -0.40	41.69 -0.16 0.00	37.57 -0.13 0.00	34.60 -0.04 0.00	33.08 0.02 0.00	36.83 0.10 0.00	40.94 0.06 0.00	50.13 -0.31 0.00	45.45 -0.19 0.00	42.15 -0.06 0.00	48.89 -0.01 0.00	48.18 -0.15 0.00	51.48 0.18 0.00	51.27 0.01 0.00	49.37 0.03 0.00	50.26 -0.06 0.00	44.73 -0.03 0.00	50.88 0.17 0.00	68.08 -0.03 0.00	64.94 0.19 0.00	64.10 0.01 0.00	55.99 -0.15 0.00	49.30 -0.17 0.00	37.57 -0.02 0.00
OCC_CHEM___DRP 24175	50.47 -3.90 0.00	39.07 -2.78 0.00	35.06 -2.64 0.00	32.31 -2.33 0.00	31.00 -2.07 0.00	34.79 -1.94 0.00	38.19 -2.69 0.00	46.23 -4.21 0.00	42.06 -3.58 0.00	39.32 -2.89 0.00	45.37 -3.52 0.00	43.96 -4.37 0.00	47.66 -3.63 0.00	47.21 -4.05 0.00	44.68 -4.65 0.00	45.57 -4.75 0.00	40.54 -4.22 0.00	46.88 -3.83 0.00	62.24 -5.87 0.00	59.38 -5.37 0.00	58.82 -5.27 0.00	51.22 -4.92 0.00	45.19 -4.27 0.00	35.09 -2.49 0.00
OH_GEN_PROXY 24063	51.15 -3.22 0.00	39.57 -2.28 0.00	35.52 -2.17 0.00	32.73 -1.90 0.00	31.40 -1.66 0.00	35.20 -1.52 0.00	38.72 -2.16 0.00	45.54 -3.51 1.39	42.72 -2.93 0.00	38.93 -2.34 0.94	46.31 -2.80 -0.21	44.70 -3.63 0.00	48.40 -2.89 0.00	47.91 -3.35 0.00	45.46 -3.87 0.00	46.36 -3.97 0.00	41.21 -3.55 0.00	47.63 -3.07 0.00	63.25 -4.86 0.00	60.37 -4.37 0.00	59.78 -4.31 0.00	52.05 -4.09 0.00	44.74 -3.58 1.15	35.58 -2.01 0.00
OLIN_CORP_DRP 24177	51.30 -3.07 0.00	39.70 -2.15 0.00	35.62 -2.08 0.00	32.82 -1.82 0.00	31.49 -1.58 0.00	35.32 -1.40 0.00	38.67 -2.21 0.00	46.60 -3.84 0.00	42.34 -3.30 0.00	39.56 -2.66 0.00	45.63 -3.27 0.00	44.22 -4.11 0.00	47.94 -3.35 0.00	47.49 -3.77 0.00	44.96 -4.37 0.00	45.84 -4.49 0.00	40.78 -3.98 0.00	47.16 -3.55 0.00	62.64 -5.47 0.00	59.81 -4.93 0.00	59.27 -4.82 0.00	51.61 -4.53 0.00	45.54 -3.93 0.00	35.49 -2.10 0.00
OLIN_CORP_DSASP 323712	50.47 -3.90 0.00	39.07 -2.78 0.00	35.05 -2.65 0.00	32.31 -2.33 0.00	31.00 -2.06 0.00	34.79 -1.93 0.00	38.19 -2.69 0.00	46.25 -4.19 0.00	42.10 -3.54 0.00	39.34 -2.87 0.00	45.40 -3.50 0.00	43.96 -4.37 0.00	47.66 -3.63 0.00	47.20 -4.06 0.00	44.68 -4.65 0.00	45.58 -4.75 0.00	40.54 -4.22 0.00	46.88 -3.83 0.00	62.24 -5.87 0.00	59.37 -5.37 0.00	58.82 -5.27 0.00	51.22 -4.92 0.00	45.20 -4.27 0.00	35.09 -2.49 0.00
ONEIDA_HERK_LFGE 323681	56.13 1.54 -0.22	42.93 1.08 0.00	38.52 0.83 0.00	35.45 0.82 0.00	33.92 0.86 0.00	37.73 1.01 0.00	42.01 1.13 0.00	51.78 1.34 0.00	46.81 1.17 0.00	43.03 0.82 0.00	49.64 0.74 0.00	48.97 0.64 0.00	51.97 0.68 0.00	52.01 0.75 0.00	50.06 0.72 0.00	51.12 0.80 0.00	45.59 0.83 0.00	51.80 1.10 0.00	69.85 1.75 0.00	66.87 2.12 0.00	66.48 2.40 0.00	58.34 2.20 0.00	51.23 1.76 0.00	38.79 1.20 0.00
ONEIDA___115KV_TB4 55905	56.02 1.33 -0.32	42.88 1.03 0.00	38.57 0.88 0.00	35.48 0.84 0.00	33.90 0.83 0.00	37.74 1.02 0.00	42.00 1.12 0.00	51.66 1.21 0.00	46.90 1.26 0.00	43.22 1.01 0.00	49.80 0.90 0.00	49.17 0.85 0.00	52.16 0.87 0.00	52.17 0.90 0.00	50.22 0.89 0.00	51.33 1.01 0.00	45.88 1.12 0.00	52.09 1.39 0.00	70.05 1.94 0.00	66.94 2.19 0.00	66.47 2.37 0.00	58.18 2.05 0.00	51.09 1.63 0.00	38.73 1.14 0.00
ONONDAGA_REF_OCCRA 23987	54.52 -0.56 -0.70	41.49 -0.36 0.00	37.40 -0.29 0.00	34.40 -0.23 0.00	32.89 -0.18 0.00	36.60 -0.12 0.00	40.73 -0.16 -0.02	50.16 -0.44 -0.17	45.21 -0.43 0.00	41.80 -0.42 0.00	48.33 -0.56 0.00	47.70 -0.63 0.00	50.76 -0.53 0.00	50.67 -0.59 0.00	48.78 -0.55 0.00	49.80 -0.52 0.00	44.34 -0.42 0.00	50.41 -0.30 0.00	67.55 -0.56 0.00	64.46 -0.29 0.00	63.74 -0.35 0.00	55.75 -0.39 0.00	49.05 -0.42 0.00	37.31 -0.28 0.00
ONONDAGA___COGEN 23986	54.85 -0.59 -1.07	41.48 -0.37 0.00	37.38 -0.32 0.00	34.38 -0.25 0.00	32.87 -0.19 0.00	36.58 -0.14 0.00	40.75 -0.19 -0.06	50.81 -0.48 -0.86	45.22 -0.43 -0.01	41.81 -0.40 0.00	48.37 -0.52 0.00	47.71 -0.62 0.00	50.73 -0.56 0.00	50.66 -0.60 0.00	48.75 -0.57 0.00	49.78 -0.54 0.00	44.34 -0.42 0.00	50.42 -0.28 0.00	67.89 -0.56 -0.35	64.73 -0.30 -0.29	64.28 -0.35 -0.54	55.76 -0.37 0.00	49.07 -0.40 0.00	37.32 -0.26 0.00
ONTARIO___LFGE 23819	54.24 -0.49 -0.36	41.70 -0.15 0.00	37.49 -0.20 0.00	34.55 -0.08 0.00	33.10 0.04 0.00	37.01 0.28 0.00	41.18 0.28 -0.02	50.42 -0.22 -0.20	45.63 0.00 0.00	42.25 0.04 0.00	48.76 -0.14 0.00	47.88 -0.45 0.00	51.06 -0.24 0.00	50.84 -0.42 0.00	48.68 -0.65 0.00	49.47 -0.86 0.00	44.12 -0.64 0.00	50.37 -0.34 0.00	67.55 -0.55 0.00	64.85 0.10 0.00	64.19 0.10 0.00	55.97 -0.16 0.00	49.27 -0.20 0.00	37.64 0.05 0.00
ORANGEVILLE_WT_PWR 323706	51.90 -2.47 0.00	40.13 -1.72 0.00	36.03 -1.67 0.00	33.32 -1.32 0.00	32.03 -1.04 0.00	35.94 -0.79 0.00	39.71 -1.17 0.00	48.15 -2.29 0.00	43.84 -1.80 0.00	40.77 -1.44 0.00	47.04 -1.86 0.00	45.83 -2.50 0.00	49.50 -1.79 0.00	48.88 -2.38 0.00	46.56 -2.77 0.00	47.32 -3.01 0.00	42.08 -2.68 0.00	48.50 -2.21 0.00	64.61 -3.50 0.00	62.06 -2.68 0.00	61.69 -2.40 0.00	53.75 -2.39 0.00	47.34 -2.12 0.00	36.55 -1.04 0.00
ORANGEVILLE___ESR 323794	51.90 -2.47 0.00	40.13 -1.72 0.00	36.03 -1.67 0.00	33.32 -1.32 0.00	32.03 -1.04 0.00	35.94 -0.79 0.00	39.71 -1.17 0.00	48.15 -2.29 0.00	43.84 -1.80 0.00	40.77 -1.44 0.00	47.04 -1.86 0.00	45.83 -2.50 0.00	49.50 -1.79 0.00	48.88 -2.38 0.00	46.56 -2.77 0.00	47.32 -3.01 0.00	42.08 -2.68 0.00	48.50 -2.21 0.00	64.61 -3.50 0.00	62.06 -2.68 0.00	61.69 -2.40 0.00	53.75 -2.39 0.00	47.34 -2.12 0.00	36.55 -1.04 0.00
OSWEGATCHIE___HYD 24044	56.32 1.62 -0.33	42.80 0.94 0.00	38.30 0.60 0.00	35.20 0.57 0.00	33.69 0.63 0.00	37.52 0.80 0.00	41.85 0.95 -0.02	52.02 1.25 -0.33	46.42 0.78 0.00	42.56 0.35 0.00	49.03 0.14 0.00	48.10 -0.23 0.00	51.22 -0.07 0.00	51.35 0.09 0.00	49.06 -0.27 0.00	49.96 -0.37 0.00	44.43 -0.33 0.00	50.59 -0.11 0.00	68.69 0.44 -0.14	65.83 0.97 -0.12	65.97 1.66 -0.22	58.20 2.06 0.00	51.14 1.67 0.00	38.67 1.09 0.00
OSWEGO___5 23606	57.31 -1.49 -4.43	40.78 -1.07 0.00	36.74 -0.96 0.00	33.80 -0.84 0.00	32.29 -0.77 0.00	35.92 -0.80 0.00	40.33 -0.92 -0.37	54.61 -1.32 -5.48	44.51 -1.20 -0.07	41.12 -1.09 0.00	47.54 -1.36 0.00	46.93 -1.40 0.00	49.89 -1.40 0.00	49.83 -1.43 0.00	47.95 -1.38 0.00	48.95 -1.37 0.00	43.58 -1.18 0.00	49.49 -1.22 0.00	68.77 -1.81 -2.48	65.24 -1.57 -2.06	66.41 -1.56 -3.88	54.75 -1.39 0.00	48.23 -1.24 0.00	36.70 -0.89 0.00
OSWEGO___6 23613	57.31 -1.49 -4.43	40.78 -1.07 0.00	36.74 -0.96 0.00	33.80 -0.84 0.00	32.29 -0.77 0.00	35.92 -0.80 0.00	40.33 -0.92 -0.37	54.61 -1.32 -5.48	44.51 -1.20 -0.07	41.12 -1.09 0.00	47.54 -1.36 0.00	46.93 -1.40 0.00	49.89 -1.40 0.00	49.83 -1.43 0.00	47.95 -1.38 0.00	48.95 -1.37 0.00	43.58 -1.18 0.00	49.49 -1.22 0.00	68.77 -1.81 -2.48	65.24 -1.57 -2.06	66.41 -1.56 -3.88	54.75 -1.39 0.00	48.23 -1.24 0.00	36.70 -0.89 0.00

OUTOKUMPU-AB___DRP 24206	51.87 -2.51 0.00	40.10 -1.75 0.00	35.98 -1.72 0.00	33.15 -1.49 0.00	31.81 -1.26 0.00	35.70 -1.02 0.00	39.25 -1.63 0.00	47.52 -2.92 0.00	43.22 -2.42 0.00	40.41 -1.80 0.00	46.69 -2.21 0.00	45.30 -3.03 0.00	49.12 -2.17 0.00	48.62 -2.64 0.00	46.09 -3.24 0.00	46.97 -3.35 0.00	41.79 -2.97 0.00	48.33 -2.38 0.00	64.19 -3.92 0.00	61.33 -3.41 0.00	60.73 -3.36 0.00	52.85 -3.29 0.00	46.54 -2.93 0.00	36.09 -1.50 0.00
OXBOW___BTM 323836	51.16 -3.21 0.00	39.58 -2.27 0.00	35.50 -2.19 0.00	32.71 -1.92 0.00	31.39 -1.68 0.00	35.23 -1.50 0.00	38.69 -2.19 0.00	46.88 -3.56 0.00	42.68 -2.97 0.00	39.88 -2.34 0.00	46.06 -2.83 0.00	44.64 -3.69 0.00	48.41 -2.89 0.00	47.92 -3.34 0.00	45.41 -3.92 0.00	46.31 -4.02 0.00	41.19 -3.57 0.00	47.63 -3.07 0.00	63.25 -4.86 0.00	60.39 -4.36 0.00	59.82 -4.27 0.00	52.04 -4.10 0.00	45.88 -3.58 0.00	35.58 -2.01 0.00
OXBOW___ 24026	51.16 -3.21 0.00	39.57 -2.28 0.00	35.50 -2.19 0.00	32.71 -1.93 0.00	31.39 -1.68 0.00	35.23 -1.50 0.00	38.70 -2.18 0.00	46.86 -3.58 0.00	42.65 -2.99 0.00	39.86 -2.35 0.00	46.05 -2.85 0.00	44.65 -3.68 0.00	48.41 -2.88 0.00	47.94 -3.32 0.00	45.40 -3.93 0.00	46.30 -4.03 0.00	41.18 -3.58 0.00	47.64 -3.07 0.00	63.26 -4.85 0.00	60.39 -4.36 0.00	59.80 -4.29 0.00	52.05 -4.09 0.00	45.88 -3.59 0.00	35.59 -2.00 0.00
OXY_CHEM_DSASP 323612	50.47 -3.90 0.00	39.07 -2.78 0.00	35.06 -2.64 0.00	32.31 -2.33 0.00	31.00 -2.07 0.00	34.79 -1.94 0.00	38.19 -2.69 0.00	46.23 -4.21 0.00	42.06 -3.58 0.00	39.32 -2.89 0.00	45.37 -3.52 0.00	43.96 -4.37 0.00	47.66 -3.63 0.00	47.21 -4.05 0.00	44.68 -4.65 0.00	45.57 -4.75 0.00	40.54 -4.22 0.00	46.88 -3.83 0.00	62.24 -5.87 0.00	59.38 -5.37 0.00	58.82 -5.27 0.00	51.22 -4.92 0.00	45.19 -4.27 0.00	35.09 -2.49 0.00
OZONE_PARK_ESR 323760	58.46 4.08 0.00	45.18 3.33 0.00	40.57 2.87 0.00	37.25 2.62 0.00	35.51 2.45 0.00	39.19 2.47 0.00	43.73 2.86 0.00	56.04 3.35 -2.25	54.07 3.56 -4.87	51.15 3.59 -5.35	54.32 4.56 -0.85	53.47 4.80 -0.34	56.22 4.93 0.00	56.21 4.95 0.00	54.81 5.26 -0.23	55.54 5.22 0.00	50.87 4.76 -1.34	55.70 5.00 0.00	73.91 5.80 0.00	70.32 5.58 0.00	69.00 4.91 0.00	60.19 4.06 0.00	53.43 3.96 0.00	40.67 3.08 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	50.47 -3.90 0.00	39.07 -2.78 0.00	35.06 -2.64 0.00	32.31 -2.33 0.00	31.00 -2.07 0.00	34.79 -1.94 0.00	38.19 -2.69 0.00	46.23 -4.21 0.00	42.06 -3.58 0.00	39.32 -2.89 0.00	45.37 -3.52 0.00	43.96 -4.37 0.00	47.66 -3.63 0.00	47.21 -4.05 0.00	44.68 -4.65 0.00	45.57 -4.75 0.00	40.54 -4.22 0.00	46.88 -3.83 0.00	62.24 -5.87 0.00	59.38 -5.37 0.00	58.82 -5.27 0.00	51.22 -4.92 0.00	45.19 -4.27 0.00	35.09 -2.49 0.00
PACKARD___115KV_DUPONT_184 80571	50.47 -3.90 0.00	39.07 -2.78 0.00	35.06 -2.64 0.00	32.31 -2.33 0.00	31.00 -2.07 0.00	34.79 -1.94 0.00	38.19 -2.69 0.00	46.23 -4.21 0.00	42.06 -3.58 0.00	39.32 -2.89 0.00	45.37 -3.52 0.00	43.96 -4.37 0.00	47.66 -3.63 0.00	47.21 -4.05 0.00	44.68 -4.65 0.00	45.57 -4.75 0.00	40.54 -4.22 0.00	46.88 -3.83 0.00	62.24 -5.87 0.00	59.38 -5.37 0.00	58.82 -5.27 0.00	51.22 -4.92 0.00	45.19 -4.27 0.00	35.09 -2.49 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	57.62 3.25 0.00	44.46 2.61 0.00	40.00 2.30 0.00	36.70 2.06 0.00	35.00 1.93 0.00	38.71 1.99 0.00	43.32 2.44 0.00	55.48 2.80 -2.24	53.56 3.06 -4.86	50.61 3.05 -5.34	53.67 3.91 -0.85	52.89 4.22 -0.34	55.50 4.21 0.00	55.37 4.11 0.00	54.04 4.48 -0.23	54.74 4.42 0.00	50.10 4.00 -1.34	54.59 3.89 0.00	72.50 4.39 0.00	69.21 4.46 0.00	67.96 3.87 0.00	59.39 3.25 0.00	52.79 3.32 0.00	40.18 2.59 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	59.59 5.22 0.00	45.92 4.06 0.00	41.29 3.60 0.00	37.89 3.26 0.00	36.14 3.07 0.00	39.99 3.27 0.00	44.77 3.90 0.00	57.22 4.54 -2.24	55.11 4.61 -4.86	52.03 4.48 -5.34	55.27 5.51 -0.85	54.43 5.75 -0.34	57.17 5.87 0.00	57.00 5.74 0.00	55.59 6.03 -0.23	56.35 6.02 0.00	51.52 5.41 -1.34	56.19 5.49 0.00	74.63 6.52 0.00	71.26 6.51 0.00	69.98 5.89 0.00	61.11 4.97 0.00	54.28 4.81 0.00	41.29 3.70 0.00
PATROON___115KV_TB1 80586	55.33 0.96 0.00	42.85 1.00 0.00	38.67 0.98 0.00	35.62 0.99 0.00	34.04 0.97 0.00	37.65 0.92 0.00	41.70 0.82 0.00	51.26 0.82 0.00	46.42 0.78 0.00	42.87 0.66 0.00	49.65 0.75 0.00	49.19 0.88 0.02	52.06 0.77 0.00	52.09 0.83 0.00	50.33 1.01 0.01	51.37 1.05 0.00	45.66 0.97 0.07	51.73 1.02 0.00	69.30 1.19 0.00	66.00 1.26 0.00	65.25 1.16 0.00	56.95 0.81 0.00	50.16 0.70 0.00	38.32 0.73 0.00
PATTRSNVILLE___SOLAR 323815	56.18 1.81 0.00	43.36 1.51 0.00	39.04 1.35 0.00	35.90 1.27 0.00	34.29 1.22 0.00	38.03 1.30 0.00	42.27 1.39 0.00	51.81 1.37 0.00	46.78 1.14 0.00	43.00 0.79 0.00	49.62 0.72 0.00	49.28 0.96 0.02	52.15 0.85 0.00	52.07 0.81 0.00	50.39 1.07 0.01	51.34 1.02 0.00	45.70 0.99 0.06	51.82 1.11 0.00	69.77 1.66 0.00	66.84 2.09 0.00	66.36 2.27 0.00	58.04 1.91 0.00	51.12 1.66 0.00	38.85 1.26 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	52.30 -2.07 0.00	40.36 -1.49 0.00	36.23 -1.47 0.00	33.39 -1.24 0.00	32.02 -1.04 0.00	35.91 -0.81 0.00	39.59 -1.28 0.00	48.04 -2.40 0.00	43.79 -1.85 0.00	40.87 -1.34 0.00	47.32 -1.58 0.00	45.97 -2.36 0.00	49.86 -1.43 0.00	49.34 -1.92 0.00	46.89 -2.44 0.00	47.76 -2.57 0.00	42.49 -2.27 0.00	49.08 -1.63 0.00	65.23 -2.88 0.00	62.30 -2.45 0.00	61.59 -2.50 0.00	53.55 -2.59 0.00	47.14 -2.33 0.00	36.45 -1.14 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	57.58 3.21 0.00	44.49 2.64 0.00	39.96 2.27 0.00	36.73 2.10 0.00	35.04 1.97 0.00	38.68 1.96 0.00	43.16 2.28 0.00	53.79 2.76 -0.59	49.80 2.87 -1.29	46.51 2.88 -1.42	52.83 3.70 -0.23	52.23 3.93 0.03	55.33 4.04 0.00	55.24 3.98 0.00	53.48 4.17 0.02	54.49 4.17 0.00	48.45 3.82 0.13	54.81 4.10 0.00	73.01 4.90 0.00	69.40 4.65 0.00	68.18 4.09 0.00	59.40 3.27 0.00	52.52 3.05 0.00	39.93 2.34 0.00
PEEKSKILL___ 23653	57.10 2.72 0.00	44.12 2.27 0.00	39.66 1.97 0.00	36.47 1.83 0.00	34.78 1.72 0.00	38.38 1.66 0.00	42.73 1.86 0.00	54.99 2.08 -2.47	53.28 2.29 -5.35	50.43 2.34 -5.88	52.92 3.09 -0.94	51.94 3.33 -0.28	54.74 3.45 0.00	54.74 3.48 0.00	53.29 3.77 -0.19	54.03 3.71 0.00	49.23 3.37 -1.10	54.23 3.53 0.00	72.14 4.03 0.00	68.66 3.91 0.00	67.44 3.35 0.00	58.83 2.69 0.00	52.15 2.68 0.00	39.70 2.11 0.00
PGE MADISON___WINDPWR 24146	58.39 3.58 -0.44	44.62 2.77 0.00	40.09 2.39 0.00	36.86 2.23 0.00	35.24 2.18 0.00	39.39 2.66 0.00	43.77 2.90 0.00	53.68 3.24 0.00	48.66 3.02 0.00	44.65 2.44 0.00	51.50 2.60 0.00	50.66 2.33 0.00	53.94 2.65 0.00	53.42 2.16 0.00	51.29 1.96 0.00	52.27 1.95 0.00	46.81 2.05 0.00	53.72 3.02 0.00	72.33 4.21 0.00	69.79 5.05 0.00	69.17 5.08 0.00	60.23 4.09 0.00	52.41 2.94 0.00	39.66 2.07 0.00

PIERCEFIELD___HYD 23852	55.97 1.44 -0.16	42.67 0.82 0.00	38.26 0.57 0.00	35.07 0.43 0.00	33.49 0.43 0.00	37.31 0.59 0.00	41.62 0.75 0.00	51.51 1.07 0.00	46.14 0.50 0.00	42.49 0.28 0.00	49.12 0.22 0.00	48.08 -0.25 0.00	51.35 0.06 0.00	51.47 0.20 0.00	48.90 -0.43 0.00	49.65 -0.67 0.00	44.13 -0.63 0.00	50.24 -0.46 0.00	68.05 -0.06 0.00	64.95 0.20 0.00	64.85 0.76 0.00	57.50 1.35 0.00	50.63 1.17 0.00	38.35 0.76 0.00
PINELAWN_CC_1 323563	58.84 4.09 -0.37	46.94 3.71 -1.38	40.76 3.07 0.00	37.38 2.75 0.00	35.56 2.50 0.00	39.20 2.47 0.00	43.83 2.95 0.00	56.14 3.47 -2.24	54.06 3.58 -4.85	51.06 3.52 -5.33	55.13 4.52 -1.71	55.14 4.75 -2.06	56.73 4.45 -0.99	55.94 4.47 -0.21	60.69 4.56 -6.79	81.88 4.48 -27.07	53.09 3.76 -4.56	54.46 3.76 0.00	72.18 4.07 0.00	68.45 3.71 0.00	67.52 3.43 0.00	59.48 3.36 0.02	53.36 3.89 0.00	40.53 2.94 0.00
PJM_GEN_HTP_PROXY 323702	57.54 3.17 0.00	44.52 2.67 0.00	40.01 2.32 0.00	36.76 2.13 0.00	35.05 1.98 0.00	38.67 1.95 0.00	43.14 2.27 0.00	55.31 2.63 -2.25	53.38 2.87 -4.88	50.51 2.95 -5.36	54.09 3.83 -1.37	52.74 4.07 -0.34	55.42 4.13 0.00	57.54 4.15 -2.12	54.62 4.46 -0.83	55.16 4.39 -0.45	50.10 4.01 -1.34	66.69 4.13 -11.85	72.78 4.67 0.00	69.24 4.49 0.00	67.92 3.83 0.00	59.25 3.11 0.00	52.64 3.17 0.00	40.09 2.50 0.00
PJM_GEN_KEystone 24065	54.53 0.00 -0.16	41.99 0.14 0.00	37.75 0.06 0.00	34.78 0.15 0.00	33.24 0.18 0.00	36.90 0.18 0.00	40.97 0.09 0.00	46.78 -0.36 3.30	38.59 0.07 7.12	34.75 0.36 7.83	48.84 0.67 0.73	47.44 0.49 1.38	66.73 0.99 -14.45	59.00 0.75 -6.99	50.77 0.78 -0.66	51.43 0.66 -0.45	45.84 0.60 -0.48	63.42 0.87 -11.85	68.61 0.50 0.00	65.41 0.67 0.00	63.15 0.28 1.22	56.14 0.00 0.00	49.67 0.20 0.00	38.02 0.43 0.00
PJM_GEN_NEPTUNE_PROXY 323594	58.13 3.39 -0.37	46.03 3.03 -1.14	40.20 2.51 0.00	36.90 2.26 0.00	35.13 2.07 0.00	38.72 2.00 0.00	43.26 2.39 0.00	55.41 2.73 -2.24	53.41 2.93 -4.85	50.49 2.96 -5.32	54.94 3.83 -2.22	54.39 4.08 -1.98	55.25 3.87 -0.09	57.39 3.84 -2.29	56.01 4.22 -2.47	59.25 4.12 -4.80	52.36 3.54 -4.07	66.16 3.61 -11.85	72.19 4.08 0.00	68.53 3.79 0.00	67.28 3.19 0.00	58.84 2.70 0.00	52.65 3.19 0.00	40.03 2.45 0.00
PJM_GEN_VFT_PROXY 323633	57.28 2.90 0.00	44.33 2.48 0.00	39.85 2.15 0.00	36.62 1.99 0.00	34.92 1.86 0.00	38.50 1.78 0.00	42.97 2.09 0.00	55.05 2.37 -2.25	53.16 2.65 -4.87	50.33 2.76 -5.35	53.86 3.59 -1.37	51.96 3.82 0.19	55.07 3.88 0.10	56.68 3.87 -1.55	54.10 4.21 -0.56	54.93 4.16 -0.45	49.97 3.87 -1.34	66.46 3.90 -11.85	72.45 4.34 0.00	68.93 4.19 0.00	67.61 3.51 0.00	58.99 2.85 0.00	52.45 2.98 0.00	39.98 2.39 0.00
PLATSBURG_115KV_PMLD1 355749	55.74 1.37 0.00	42.94 1.09 0.00	38.55 0.86 0.00	35.28 0.64 0.00	33.64 0.58 0.00	37.33 0.61 0.00	41.87 0.99 0.00	52.24 1.80 0.00	46.88 1.24 0.00	43.28 1.07 0.00	50.09 1.19 0.00	49.17 0.84 0.00	52.46 1.17 0.00	52.57 1.31 0.00	50.38 1.05 0.00	51.41 1.08 0.00	45.55 0.79 0.00	52.00 1.29 0.00	69.77 1.66 0.00	66.52 1.78 0.00	66.29 2.20 0.00	57.90 1.76 0.00	51.03 1.56 0.00	38.82 1.24 0.00
PLEASANTVLY___LBMP 24000	56.58 2.21 0.00	43.77 1.93 0.00	39.37 1.68 0.00	36.21 1.58 0.00	34.55 1.48 0.00	38.13 1.40 0.00	42.43 1.56 0.00	52.92 1.71 -0.76	49.15 1.85 -1.65	45.87 1.84 -1.82	51.59 2.40 -0.29	50.91 2.62 0.05	53.98 2.69 0.00	53.98 2.72 0.00	52.29 2.98 0.03	53.26 2.94 0.00	47.25 2.67 0.18	53.49 2.79 0.00	71.32 3.21 0.00	67.85 3.11 0.00	66.79 2.70 0.00	58.26 2.12 0.00	51.54 2.07 0.00	39.26 1.67 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	57.08 2.71 0.00	44.15 2.30 0.00	39.67 1.98 0.00	36.48 1.85 0.00	34.80 1.73 0.00	38.40 1.67 0.00	42.75 1.88 0.00	53.73 2.16 -1.13	50.42 2.33 -2.45	47.22 2.33 -2.69	52.34 3.02 -0.43	51.35 3.24 0.21	54.63 3.34 0.00	54.63 3.37 0.00	52.82 3.63 0.14	53.92 3.59 0.00	47.18 3.26 0.85	54.12 3.42 0.00	72.07 3.96 0.00	68.55 3.81 0.00	67.39 3.30 0.00	58.77 2.63 0.00	52.04 2.57 0.00	39.62 2.03 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	57.08 2.71 0.00	44.15 2.30 0.00	39.67 1.98 0.00	36.48 1.85 0.00	34.80 1.73 0.00	38.40 1.67 0.00	42.75 1.88 0.00	53.73 2.16 -1.13	50.42 2.33 -2.45	47.22 2.33 -2.69	52.34 3.02 -0.43	51.35 3.24 0.21	54.63 3.34 0.00	54.63 3.37 0.00	52.82 3.63 0.14	53.92 3.59 0.00	47.18 3.26 0.85	54.12 3.42 0.00	72.07 3.96 0.00	68.55 3.81 0.00	67.39 3.30 0.00	58.77 2.63 0.00	52.04 2.57 0.00	39.62 2.03 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	57.17 2.80 0.00	44.16 2.31 0.00	39.70 2.01 0.00	36.49 1.86 0.00	34.81 1.75 0.00	38.43 1.71 0.00	42.69 1.82 0.00	52.78 2.00 -0.34	48.62 2.21 -0.77	45.23 2.17 -0.85	51.76 2.73 -0.13	51.27 2.96 0.03	54.59 3.30 0.00	54.71 3.45 0.00	52.96 3.65 0.02	53.98 3.65 0.00	48.02 3.36 0.10	54.35 3.65 0.00	72.47 4.36 0.00	68.95 4.21 0.00	67.78 3.69 0.00	59.07 2.93 0.00	52.17 2.70 0.00	39.66 2.07 0.00
POLETTI_____ 23519	57.51 3.14 0.00	44.48 2.63 0.00	39.97 2.27 0.00	36.73 2.09 0.00	35.02 1.96 0.00	38.63 1.91 0.00	43.10 2.23 0.00	55.26 2.58 -2.25	53.35 2.84 -4.87	50.48 2.92 -5.35	53.53 3.78 -0.85	52.70 4.03 -0.34	55.38 4.09 0.00	55.36 4.10 0.00	54.00 4.44 -0.23	54.70 4.38 0.00	50.11 4.01 -1.34	54.82 4.11 0.00	72.75 4.64 0.00	69.17 4.43 0.00	67.88 3.79 0.00	59.21 3.07 0.00	52.62 3.15 0.00	40.08 2.50 0.00
POMONA___ESR 323819	57.10 2.72 0.00	44.08 2.23 0.00	39.61 1.92 0.00	36.45 1.82 0.00	34.76 1.70 0.00	38.35 1.63 0.00	42.68 1.81 0.00	49.21 2.00 3.22	40.90 2.23 6.98	36.86 2.32 7.67	50.77 3.10 1.22	51.91 3.36 -0.22	54.83 3.54 0.00	54.81 3.55 0.00	53.32 3.84 -0.15	54.13 3.81 0.00	49.08 3.44 -0.88	54.34 3.64 0.00	72.31 4.20 0.00	68.82 4.07 0.00	67.55 3.46 0.00	58.90 2.76 0.00	52.17 2.71 0.00	39.71 2.12 0.00
PORT_JEFF_3 23555	58.71 3.97 -0.37	46.79 3.68 -1.26	40.72 3.03 0.00	37.36 2.73 0.00	35.54 2.48 0.00	39.11 2.39 0.00	43.86 2.98 0.00	56.10 3.43 -2.24	54.03 3.55 -4.85	51.01 3.47 -5.33	55.13 4.53 -1.71	55.19 4.84 -2.02	56.19 4.45 -0.44	55.81 4.37 -0.18	67.39 4.78 -13.27	169.05 4.68 -114.05	52.97 3.95 -4.27	54.76 4.04 -0.01	72.73 4.62 0.00	68.93 4.19 0.00	67.61 3.52 0.00	58.98 2.88 0.04	53.29 3.82 0.00	40.49 2.90 0.00
PORT_JEFF_4 23616	58.71 3.97 -0.37	46.79 3.68 -1.26	40.72 3.03 0.00	37.36 2.73 0.00	35.54 2.48 0.00	39.11 2.39 0.00	43.86 2.98 0.00	56.10 3.43 -2.24	54.03 3.55 -4.85	51.01 3.47 -5.33	55.13 4.53 -1.71	55.19 4.84 -2.02	56.19 4.45 -0.44	55.81 4.37 -0.18	67.39 4.78 -13.27	169.05 4.68 -114.05	52.97 3.95 -4.27	54.76 4.04 -0.01	72.73 4.62 0.00	68.93 4.19 0.00	67.61 3.52 0.00	58.98 2.88 0.04	53.29 3.82 0.00	40.49 2.90 0.00

PORT_JEFF_IC 23713	58.85 4.10 -0.37	46.91 3.78 -1.28	40.78 3.09 0.00	37.43 2.79 0.00	35.59 2.53 0.00	39.17 2.44 0.00	43.93 3.06 0.00	56.18 3.51 -2.24	54.12 3.64 -4.85	51.12 3.59 -5.33	55.24 4.63 -1.71	55.31 4.96 -2.03	56.43 4.68 -0.46	55.99 4.54 -0.18	68.46 4.97 -14.17	177.92 4.77 -122.83	53.01 3.97 -4.28	54.78 4.06 -0.01	72.75 4.64 0.00	68.93 4.19 0.00	67.58 3.49 0.00	58.93 2.85 0.05	53.41 3.94 0.00	40.56 2.97 0.00
PPL PILGRIM_ST_GT1 24216	59.08 4.34 -0.37	47.12 3.97 -1.29	40.99 3.30 0.00	37.59 2.95 0.00	35.76 2.70 0.00	39.40 2.67 0.00	44.12 3.24 0.00	56.46 3.79 -2.24	54.35 3.86 -4.85	51.31 3.77 -5.33	55.46 4.86 -1.71	55.47 5.11 -2.03	56.49 4.67 -0.53	56.14 4.69 -0.19	70.07 5.07 -15.67	195.09 5.05 -139.72	53.32 4.25 -4.32	55.05 4.34 0.00	73.11 5.00 0.00	69.34 4.60 0.00	68.08 3.99 0.00	59.47 3.38 0.05	53.61 4.14 0.00	40.74 3.15 0.00
PPL PILGRIM_ST_GT2 24217	59.08 4.34 -0.37	47.12 3.97 -1.29	40.99 3.30 0.00	37.59 2.95 0.00	35.76 2.70 0.00	39.40 2.67 0.00	44.12 3.24 0.00	56.46 3.79 -2.24	54.35 3.86 -4.85	51.31 3.77 -5.33	55.46 4.86 -1.71	55.47 5.11 -2.03	56.49 4.67 -0.53	56.14 4.69 -0.19	70.07 5.07 -15.67	195.09 5.05 -139.72	53.32 4.25 -4.32	55.05 4.34 0.00	73.11 5.00 0.00	69.34 4.60 0.00	68.08 3.99 0.00	59.47 3.38 0.05	53.61 4.14 0.00	40.74 3.15 0.00
PPL_SHRM_GT3 24213	58.41 3.66 -0.37	46.54 3.42 -1.27	40.48 2.79 0.00	37.25 2.62 0.00	35.42 2.36 0.00	38.83 2.11 0.00	43.74 2.86 0.00	55.81 3.14 -2.24	53.78 3.29 -4.85	50.80 3.26 -5.33	54.85 4.25 -1.71	54.95 4.59 -2.02	55.94 4.20 -0.45	55.69 4.24 -0.18	67.45 4.66 -13.45	170.80 4.74 -115.74	53.11 4.08 -4.27	54.96 4.24 -0.01	72.99 4.87 0.00	69.16 4.41 0.00	67.79 3.71 0.00	59.10 3.01 0.04	53.18 3.71 0.00	40.33 2.74 0.00
PPL_SHRM_GT4 24214	58.41 3.66 -0.37	46.54 3.42 -1.27	40.48 2.79 0.00	37.25 2.62 0.00	35.42 2.36 0.00	38.83 2.11 0.00	43.74 2.86 0.00	55.81 3.14 -2.24	53.78 3.29 -4.85	50.80 3.26 -5.33	54.85 4.25 -1.71	54.95 4.59 -2.02	55.94 4.20 -0.45	55.69 4.24 -0.18	67.45 4.66 -13.45	170.80 4.74 -115.74	53.11 4.08 -4.27	54.96 4.24 -0.01	72.99 4.87 0.00	69.16 4.41 0.00	67.79 3.71 0.00	59.10 3.01 0.04	53.18 3.71 0.00	40.33 2.74 0.00
PROJECT___ORANGE 1 24174	54.01 -0.95 -0.58	41.19 -0.66 0.00	37.15 -0.55 0.00	34.18 -0.46 0.00	32.67 -0.39 0.00	36.37 -0.36 0.00	40.45 -0.44 -0.02	49.81 -0.77 -0.13	44.97 -0.67 0.00	41.60 -0.61 0.00	48.09 -0.81 0.00	47.48 -0.85 0.00	50.50 -0.79 0.00	50.42 -0.84 0.00	48.54 -0.79 0.00	49.56 -0.77 0.00	44.15 -0.61 0.00	50.16 -0.54 0.00	67.18 -0.93 0.00	64.05 -0.69 0.00	63.32 -0.77 0.00	55.40 -0.74 0.00	48.74 -0.73 0.00	37.09 -0.50 0.00
PROJECT___ORANGE 2 24166	54.01 -0.95 -0.58	41.19 -0.66 0.00	37.15 -0.55 0.00	34.18 -0.46 0.00	32.67 -0.39 0.00	36.37 -0.36 0.00	40.45 -0.44 -0.02	49.81 -0.77 -0.13	44.97 -0.67 0.00	41.60 -0.61 0.00	48.09 -0.81 0.00	47.48 -0.85 0.00	50.50 -0.79 0.00	50.42 -0.84 0.00	48.54 -0.79 0.00	49.56 -0.77 0.00	44.15 -0.61 0.00	50.16 -0.54 0.00	67.18 -0.93 0.00	64.05 -0.69 0.00	63.32 -0.77 0.00	55.40 -0.74 0.00	48.74 -0.73 0.00	37.09 -0.50 0.00
PUCKETT___SOLAR 323809	55.39 0.62 -0.40	42.41 0.56 0.00	38.17 0.47 0.00	35.13 0.50 0.00	33.59 0.53 0.00	37.42 0.69 0.00	41.59 0.72 0.00	50.93 0.49 0.00	46.14 0.50 0.00	42.56 0.35 0.00	49.14 0.25 0.00	48.33 0.00 0.00	51.56 0.26 0.00	51.33 0.07 0.00	49.28 -0.05 0.00	50.18 -0.15 0.00	44.81 0.05 0.00	51.09 0.39 0.00	68.85 0.74 0.00	66.02 1.27 0.00	65.26 1.17 0.00	56.96 0.82 0.00	49.95 0.48 0.00	38.02 0.43 0.00
PYRITES___HYD 24023	56.70 2.33 0.00	43.37 1.52 0.00	38.87 1.18 0.00	35.61 0.98 0.00	34.02 0.95 0.00	37.91 1.19 0.00	42.30 1.42 0.00	52.14 1.70 0.00	46.44 0.80 0.00	42.66 0.44 0.00	49.28 0.38 0.00	48.28 -0.05 0.00	51.67 0.37 0.00	51.73 0.46 0.00	49.10 -0.23 0.00	49.96 -0.37 0.00	44.44 -0.32 0.00	50.61 -0.09 0.00	68.78 0.67 0.00	66.06 1.31 0.00	66.18 2.10 0.00	58.62 2.48 0.00	51.51 2.04 0.00	38.95 1.37 0.00
QUAKERRD_115KV_BK1 80622	52.13 -2.24 0.00	40.21 -1.64 0.00	36.13 -1.57 0.00	33.24 -1.40 0.00	31.84 -1.23 0.00	35.68 -1.04 0.00	39.61 -1.27 0.00	48.49 -1.95 0.00	44.00 -1.64 0.00	40.83 -1.38 0.00	47.22 -1.67 0.00	46.34 -2.00 0.00	49.54 -1.75 0.00	49.33 -1.93 0.00	47.22 -2.11 0.00	48.20 -2.13 0.00	42.94 -1.82 0.00	49.12 -1.59 0.00	65.73 -2.38 0.00	62.74 -2.00 0.00	62.04 -2.05 0.00	54.12 -2.02 0.00	47.57 -1.90 0.00	36.36 -1.23 0.00
QUENSBRY_115KV_TB8 356137	57.07 2.70 0.00	44.35 2.50 0.00	39.87 2.18 0.00	36.63 1.99 0.00	35.01 1.94 0.00	38.74 2.02 0.00	43.21 2.33 0.00	53.03 2.58 0.00	47.77 2.13 0.00	43.81 1.60 0.00	50.53 1.63 0.00	50.12 1.81 0.02	53.16 1.87 0.00	53.03 1.77 0.00	51.26 1.94 0.01	52.43 2.11 0.00	46.64 1.95 0.06	53.28 2.57 0.00	71.77 3.66 0.00	68.32 3.57 0.00	67.72 3.64 0.00	59.08 2.94 0.00	51.90 2.44 0.00	39.47 1.88 0.00
RAMAPO___LBMP 323565	56.80 2.43 0.00	43.86 2.01 0.00	39.42 1.72 0.00	36.27 1.63 0.00	34.60 1.53 0.00	38.17 1.45 0.00	42.48 1.60 0.00	49.20 1.74 2.99	41.16 1.99 6.47	37.16 2.06 7.11	50.55 2.79 1.13	51.56 3.03 -0.20	54.47 3.18 0.00	54.43 3.17 0.00	52.95 3.48 -0.14	53.75 3.42 0.00	48.68 3.11 -0.81	53.96 3.26 0.00	71.84 3.74 0.00	68.40 3.65 0.00	67.17 3.08 0.00	58.60 2.46 0.00	51.92 2.45 0.00	39.52 1.93 0.00
RANKINE____ 23646	52.24 -2.13 0.00	40.36 -1.49 0.00	36.23 -1.47 0.00	33.41 -1.23 0.00	32.04 -1.02 0.00	35.93 -0.79 0.00	39.60 -1.28 0.00	47.98 -2.46 0.00	43.70 -1.94 0.00	40.79 -1.42 0.00	47.23 -1.67 0.00	45.84 -2.49 0.00	49.72 -1.57 0.00	49.17 -2.09 0.00	46.72 -2.61 0.00	47.57 -2.75 0.00	42.31 -2.44 0.00	48.91 -1.80 0.00	64.98 -3.13 0.00	62.10 -2.65 0.00	61.44 -2.65 0.00	53.45 -2.69 0.00	47.04 -2.42 0.00	36.42 -1.17 0.00
RAVENSWOOD_GT2_1 24244	57.61 3.24 0.00	44.55 2.70 0.00	40.05 2.35 0.00	36.79 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.19 2.32 0.00	55.36 2.68 -2.24	53.42 2.91 -4.86	50.54 2.99 -5.34	53.60 3.85 -0.85	52.77 4.09 -0.34	55.45 4.16 0.00	55.42 4.16 0.00	54.04 4.48 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.85 4.14 0.00	72.81 4.70 0.00	69.25 4.50 0.00	67.97 3.88 0.00	59.31 3.17 0.00	52.69 3.22 0.00	40.13 2.54 0.00
RAVENSWOOD_GT2_2 24245	57.61 3.24 0.00	44.55 2.70 0.00	40.05 2.35 0.00	36.79 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.19 2.32 0.00	55.36 2.68 -2.24	53.42 2.91 -4.86	50.54 2.99 -5.34	53.60 3.85 -0.85	52.77 4.09 -0.34	55.45 4.16 0.00	55.42 4.16 0.00	54.04 4.48 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.85 4.14 0.00	72.81 4.70 0.00	69.25 4.50 0.00	67.97 3.88 0.00	59.31 3.17 0.00	52.69 3.22 0.00	40.13 2.54 0.00

RAVENSWOOD_GT2_3 24246	57.63 3.26 0.00	44.59 2.73 0.00	40.05 2.36 0.00	36.80 2.17 0.00	35.10 2.03 0.00	38.73 2.01 0.00	43.22 2.34 0.00	55.39 2.71 -2.24	53.45 2.94 -4.86	50.56 3.01 -5.34	53.62 3.87 -0.85	52.80 4.12 -0.34	55.48 4.19 0.00	55.47 4.20 0.00	54.08 4.52 -0.23	54.77 4.45 0.00	50.17 4.06 -1.34	54.89 4.18 0.00	72.85 4.75 0.00	69.30 4.56 0.00	68.03 3.93 0.00	59.36 3.22 0.00	52.72 3.26 0.00	40.15 2.57 0.00
RAVENSWOOD_GT2_4 24247	57.63 3.26 0.00	44.59 2.73 0.00	40.05 2.36 0.00	36.80 2.17 0.00	35.10 2.03 0.00	38.73 2.01 0.00	43.22 2.34 0.00	55.39 2.71 -2.24	53.45 2.94 -4.86	50.56 3.01 -5.34	53.62 3.87 -0.85	52.80 4.12 -0.34	55.48 4.19 0.00	55.47 4.20 0.00	54.08 4.52 -0.23	54.77 4.45 0.00	50.17 4.06 -1.34	54.89 4.18 0.00	72.85 4.75 0.00	69.30 4.56 0.00	68.03 3.93 0.00	59.36 3.22 0.00	52.72 3.26 0.00	40.15 2.57 0.00
RAVENSWOOD_GT3_1 24248	57.61 3.24 0.00	44.55 2.70 0.00	40.05 2.35 0.00	36.79 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.19 2.32 0.00	55.36 2.68 -2.24	53.42 2.92 -4.86	50.54 2.99 -5.34	53.60 3.85 -0.85	52.77 4.10 -0.34	55.45 4.16 0.00	55.42 4.16 0.00	54.05 4.49 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.85 4.14 0.00	72.81 4.70 0.00	69.26 4.51 0.00	67.98 3.89 0.00	59.31 3.17 0.00	52.69 3.22 0.00	40.13 2.54 0.00
RAVENSWOOD_GT3_2 24249	57.61 3.24 0.00	44.55 2.70 0.00	40.05 2.35 0.00	36.79 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.19 2.32 0.00	55.36 2.68 -2.24	53.42 2.92 -4.86	50.54 2.99 -5.34	53.60 3.85 -0.85	52.77 4.10 -0.34	55.45 4.16 0.00	55.42 4.16 0.00	54.05 4.49 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.85 4.14 0.00	72.81 4.70 0.00	69.26 4.51 0.00	67.98 3.89 0.00	59.31 3.17 0.00	52.69 3.22 0.00	40.13 2.54 0.00
RAVENSWOOD_GT3_3 24250	57.73 3.36 0.00	44.64 2.79 0.00	40.12 2.42 0.00	36.86 2.23 0.00	35.14 2.08 0.00	38.78 2.06 0.00	43.27 2.40 0.00	55.46 2.78 -2.24	53.53 3.02 -4.86	50.64 3.08 -5.34	53.71 3.96 -0.85	52.88 4.20 -0.34	55.58 4.28 0.00	55.56 4.30 0.00	54.17 4.61 -0.23	54.86 4.54 0.00	50.25 4.15 -1.34	54.98 4.27 0.00	72.97 4.86 0.00	69.42 4.67 0.00	68.13 4.04 0.00	59.44 3.30 0.00	52.79 3.32 0.00	40.21 2.62 0.00
RAVENSWOOD_GT3_4 24251	57.73 3.36 0.00	44.64 2.79 0.00	40.12 2.42 0.00	36.86 2.23 0.00	35.14 2.08 0.00	38.78 2.06 0.00	43.27 2.40 0.00	55.46 2.78 -2.24	53.53 3.02 -4.86	50.64 3.08 -5.34	53.71 3.96 -0.85	52.88 4.20 -0.34	55.58 4.28 0.00	55.56 4.30 0.00	54.17 4.61 -0.23	54.86 4.54 0.00	50.25 4.15 -1.34	54.98 4.27 0.00	72.97 4.86 0.00	69.42 4.67 0.00	68.13 4.04 0.00	59.44 3.30 0.00	52.79 3.32 0.00	40.21 2.62 0.00
RAVENSWOOD_GT_1 23729	57.60 3.23 0.00	44.55 2.70 0.00	40.06 2.36 0.00	36.79 2.15 0.00	35.08 2.02 0.00	38.75 2.03 0.00	43.30 2.42 0.00	55.49 2.80 -2.24	53.58 3.08 -4.86	50.70 3.15 -5.34	53.75 4.00 -0.85	52.97 4.30 -0.34	55.60 4.31 0.00	55.48 4.22 0.00	54.15 4.59 -0.23	54.83 4.51 0.00	50.25 4.14 -1.34	54.74 4.03 0.00	72.56 4.45 0.00	69.14 4.39 0.00	67.84 3.75 0.00	59.32 3.18 0.00	52.79 3.32 0.00	40.26 2.67 0.00
RAVENSWOOD_GT_10 24258	57.61 3.24 0.00	44.56 2.71 0.00	40.05 2.35 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.19 2.31 0.00	55.35 2.67 -2.24	53.42 2.91 -4.86	50.54 2.99 -5.34	53.60 3.85 -0.85	52.77 4.09 -0.34	55.45 4.16 0.00	55.42 4.16 0.00	54.04 4.48 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.86 4.15 0.00	72.82 4.71 0.00	69.27 4.53 0.00	67.98 3.89 0.00	59.32 3.18 0.00	52.69 3.22 0.00	40.13 2.54 0.00
RAVENSWOOD_GT_11 24259	57.61 3.24 0.00	44.56 2.71 0.00	40.05 2.35 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.19 2.31 0.00	55.35 2.67 -2.24	53.42 2.91 -4.86	50.54 2.99 -5.34	53.60 3.85 -0.85	52.77 4.09 -0.34	55.45 4.16 0.00	55.42 4.16 0.00	54.04 4.48 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.86 4.15 0.00	72.82 4.71 0.00	69.27 4.53 0.00	67.98 3.89 0.00	59.32 3.18 0.00	52.69 3.22 0.00	40.13 2.54 0.00
RAVENSWOOD_GT_4 24252	57.62 3.25 0.00	44.56 2.71 0.00	40.05 2.35 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.20 2.32 0.00	55.37 2.69 -2.24	53.42 2.92 -4.86	50.54 2.99 -5.34	53.60 3.85 -0.85	52.77 4.10 -0.34	55.46 4.16 0.00	55.43 4.17 0.00	54.05 4.49 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.85 4.14 0.00	72.81 4.71 0.00	69.27 4.52 0.00	67.98 3.89 0.00	59.31 3.17 0.00	52.69 3.22 0.00	40.13 2.55 0.00
RAVENSWOOD_GT_5 24254	57.62 3.25 0.00	44.56 2.71 0.00	40.05 2.35 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.20 2.32 0.00	55.37 2.69 -2.24	53.42 2.92 -4.86	50.54 2.99 -5.34	53.60 3.85 -0.85	52.77 4.10 -0.34	55.46 4.16 0.00	55.43 4.17 0.00	54.05 4.49 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.85 4.14 0.00	72.81 4.71 0.00	69.27 4.52 0.00	67.98 3.89 0.00	59.31 3.17 0.00	52.69 3.22 0.00	40.13 2.55 0.00
RAVENSWOOD_GT_6 24253	57.62 3.25 0.00	44.56 2.71 0.00	40.05 2.35 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.20 2.32 0.00	55.37 2.69 -2.24	53.42 2.92 -4.86	50.54 2.99 -5.34	53.60 3.85 -0.85	52.77 4.10 -0.34	55.46 4.16 0.00	55.43 4.17 0.00	54.05 4.49 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.85 4.14 0.00	72.81 4.71 0.00	69.27 4.52 0.00	67.98 3.89 0.00	59.31 3.17 0.00	52.69 3.22 0.00	40.13 2.55 0.00
RAVENSWOOD_GT_7 24255	57.62 3.25 0.00	44.56 2.71 0.00	40.05 2.35 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.20 2.32 0.00	55.37 2.69 -2.24	53.42 2.92 -4.86	50.54 2.99 -5.34	53.60 3.85 -0.85	52.77 4.10 -0.34	55.46 4.16 0.00	55.43 4.17 0.00	54.05 4.49 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.85 4.14 0.00	72.81 4.71 0.00	69.27 4.52 0.00	67.98 3.89 0.00	59.31 3.17 0.00	52.69 3.22 0.00	40.13 2.55 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	57.61 3.24 0.00	44.56 2.71 0.00	40.05 2.35 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.19 2.31 0.00	55.35 2.67 -2.24	53.42 2.91 -4.86	50.54 2.99 -5.34	53.60 3.85 -0.85	52.77 4.09 -0.34	55.45 4.16 0.00	55.42 4.16 0.00	54.04 4.48 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.86 4.15 0.00	72.82 4.71 0.00	69.27 4.53 0.00	67.98 3.89 0.00	59.32 3.18 0.00	52.69 3.22 0.00	40.13 2.54 0.00
RAVENSWOOD_GT_9 24257	57.61 3.24 0.00	44.56 2.71 0.00	40.05 2.35 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.19 2.31 0.00	55.35 2.67 -2.24	53.42 2.91 -4.86	50.54 2.99 -5.34	53.60 3.85 -0.85	52.77 4.09 -0.34	55.45 4.16 0.00	55.42 4.16 0.00	54.04 4.48 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.86 4.15 0.00	72.82 4.71 0.00	69.27 4.53 0.00	67.98 3.89 0.00	59.32 3.18 0.00	52.69 3.22 0.00	40.13 2.54 0.00

RAVENSWOOD___1 23533	57.47 3.10 0.00	44.44 2.59 0.00	39.98 2.29 0.00	36.70 2.07 0.00	35.00 1.94 0.00	38.67 1.95 0.00	43.21 2.34 0.00	55.37 2.68 -2.24	53.48 2.98 -4.86	50.59 3.04 -5.34	53.64 3.88 -0.85	52.89 4.22 -0.35	55.47 4.18 0.00	55.34 4.08 0.00	54.02 4.45 -0.23	54.71 4.39 0.00	50.13 4.03 -1.34	54.58 3.88 0.00	72.35 4.24 0.00	68.97 4.22 0.00	67.68 3.59 0.00	59.17 3.03 0.00	52.68 3.21 0.00	40.18 2.60 0.00
RAVENSWOOD___2 23534	57.25 2.88 0.00	44.35 2.50 0.00	39.91 2.21 0.00	36.66 2.03 0.00	34.96 1.89 0.00	38.62 1.90 0.00	43.12 2.24 0.00	55.26 2.57 -2.24	53.36 2.86 -4.86	50.49 2.94 -5.34	53.51 3.76 -0.85	52.78 4.10 -0.35	55.36 4.07 0.00	55.22 3.96 0.00	53.91 4.35 -0.23	54.59 4.27 0.00	49.99 3.89 -1.34	54.34 3.64 0.00	71.89 3.78 0.00	68.50 3.75 0.00	67.23 3.15 0.00	58.89 2.75 0.00	52.57 3.10 0.00	40.11 2.52 0.00
RAVENSWOOD___3 23535	57.61 3.24 0.00	44.57 2.71 0.00	40.05 2.36 0.00	36.80 2.16 0.00	35.08 2.01 0.00	38.71 1.99 0.00	43.20 2.32 0.00	55.37 2.68 -2.24	53.42 2.92 -4.86	50.54 2.98 -5.34	53.60 3.85 -0.85	52.77 4.10 -0.34	55.45 4.16 0.00	55.43 4.17 0.00	54.05 4.49 -0.23	54.75 4.43 0.00	50.14 4.04 -1.34	54.85 4.14 0.00	72.81 4.70 0.00	69.27 4.52 0.00	67.98 3.89 0.00	59.31 3.17 0.00	52.69 3.22 0.00	40.13 2.55 0.00
RAVENSWOOD___4 23820	57.47 3.10 0.00	44.44 2.59 0.00	39.98 2.29 0.00	36.70 2.07 0.00	35.00 1.94 0.00	38.67 1.95 0.00	43.21 2.34 0.00	55.37 2.68 -2.24	53.48 2.98 -4.86	50.59 3.04 -5.34	53.64 3.88 -0.85	52.89 4.22 -0.35	55.47 4.18 0.00	55.34 4.08 0.00	54.02 4.45 -0.23	54.71 4.39 0.00	50.13 4.03 -1.34	54.58 3.88 0.00	72.35 4.24 0.00	68.97 4.22 0.00	67.68 3.59 0.00	59.17 3.03 0.00	52.68 3.21 0.00	40.18 2.60 0.00
RCPL_TRUST___DRP 24196	57.61 3.24 0.00	44.57 2.72 0.00	40.05 2.36 0.00	36.80 2.16 0.00	35.09 2.03 0.00	38.72 2.00 0.00	43.21 2.33 0.00	55.41 2.72 -2.25	53.48 2.96 -4.88	50.61 3.04 -5.36	53.68 3.92 -0.85	52.84 4.17 -0.34	55.53 4.24 0.00	55.53 4.27 0.00	54.13 4.57 -0.23	54.82 4.50 0.00	50.20 4.10 -1.34	54.93 4.23 0.00	72.88 4.77 0.00	69.31 4.56 0.00	68.02 3.93 0.00	59.32 3.18 0.00	52.69 3.22 0.00	40.13 2.54 0.00
RED___ROCHESTER 323720	53.66 -0.71 0.00	41.34 -0.51 0.00	37.11 -0.58 0.00	34.14 -0.49 0.00	32.71 -0.36 0.00	36.70 -0.02 0.00	40.70 -0.17 0.00	49.82 -0.62 0.00	45.27 -0.37 0.00	42.06 -0.15 0.00	48.64 -0.26 0.00	47.64 -0.69 0.00	51.08 -0.22 0.00	50.80 -0.46 0.00	48.57 -0.77 0.00	49.57 -0.76 0.00	44.16 -0.60 0.00	50.65 -0.05 0.00	67.75 -0.36 0.00	64.71 -0.03 0.00	63.98 -0.11 0.00	55.74 -0.40 0.00	48.93 -0.54 0.00	37.43 -0.16 0.00
REGAN___SOLAR 323812	57.67 3.30 0.00	44.35 2.50 0.00	39.89 2.20 0.00	36.65 2.01 0.00	35.01 1.95 0.00	38.92 2.19 0.00	43.30 2.43 0.00	52.98 2.55 0.00	47.60 1.96 0.00	43.49 1.28 0.00	49.68 0.78 0.00	49.36 1.04 0.01	51.94 0.65 0.00	51.87 0.60 0.00	50.41 1.09 0.01	51.66 1.34 0.00	46.09 1.38 0.05	51.96 1.25 0.00	70.06 1.96 0.00	68.25 3.50 0.00	68.32 4.23 0.00	59.80 3.66 0.00	52.55 3.08 0.00	39.81 2.22 0.00
RENSSELAER___COGEN 23796	54.97 0.59 0.00	42.58 0.74 0.00	38.45 0.76 0.00	35.42 0.79 0.00	33.84 0.77 0.00	37.43 0.70 0.00	41.45 0.57 0.00	50.93 0.48 0.00	46.10 0.46 0.00	42.58 0.37 0.00	49.28 0.39 0.00	48.85 0.54 0.02	51.69 0.39 0.00	51.69 0.42 0.00	49.95 0.63 0.01	50.98 0.65 0.00	45.31 0.62 0.07	51.32 0.62 0.00	68.75 0.64 0.00	65.49 0.75 0.00	64.79 0.70 0.00	56.57 0.43 0.00	49.85 0.38 0.00	38.10 0.51 0.00
REPUBLIC_115KV_BARTNBK 55605	59.64 5.27 0.00	46.52 4.67 0.00	41.79 4.09 0.00	38.31 3.67 0.00	36.65 3.59 0.00	40.47 3.75 0.00	45.38 4.50 0.00	55.35 4.91 0.00	49.54 3.90 0.00	45.25 3.05 0.00	52.44 3.55 0.00	51.76 3.45 0.02	55.32 4.03 0.00	55.50 4.24 0.00	53.71 4.39 0.01	55.14 4.81 0.00	48.96 4.27 0.06	56.23 5.53 0.00	75.00 6.90 0.00	71.31 6.57 0.00	70.99 6.90 0.00	61.84 5.70 0.00	54.33 4.86 0.00	41.23 3.64 0.00
REVERE_CPPR_DRP 24186	56.64 1.98 -0.29	43.35 1.50 0.00	38.94 1.24 0.00	35.81 1.18 0.00	34.22 1.16 0.00	38.12 1.40 0.00	42.44 1.57 0.00	52.22 1.79 0.00	47.33 1.69 0.00	43.52 1.31 0.00	50.12 1.22 0.00	49.49 1.16 0.00	52.54 1.25 0.00	52.54 1.28 0.00	50.59 1.26 0.00	51.72 1.39 0.00	46.24 1.48 0.00	52.53 1.83 0.00	70.79 2.68 0.00	67.78 3.03 0.00	67.31 3.21 0.00	58.92 2.79 0.00	51.68 2.22 0.00	39.13 1.54 0.00
REYNLDPA_13_KV_LD 356490	55.22 0.85 0.00	42.30 0.44 0.00	38.01 0.32 0.00	34.84 0.20 0.00	33.25 0.18 0.00	37.00 0.28 0.00	41.26 0.38 0.00	51.12 0.68 0.00	45.99 0.35 0.00	42.49 0.28 0.00	49.18 0.28 0.00	48.22 -0.11 0.00	51.45 0.16 0.00	51.54 0.28 0.00	49.29 -0.05 0.00	50.26 -0.06 0.00	44.65 -0.11 0.00	50.78 0.07 0.00	68.54 0.43 0.00	65.04 0.29 0.00	64.61 0.52 0.00	56.83 0.69 0.00	49.97 0.51 0.00	37.89 0.30 0.00
REYNOLDS_115KV_TB3 80639	55.39 1.03 0.00	42.96 1.11 0.00	38.74 1.05 0.00	35.68 1.05 0.00	34.09 1.03 0.00	37.70 0.98 0.00	41.76 0.88 0.00	51.60 0.87 -0.29	47.07 0.80 -0.63	43.55 0.64 -0.69	49.75 0.74 -0.11	49.19 0.88 0.02	52.00 0.71 0.00	52.01 0.75 0.00	50.28 0.96 0.01	51.30 0.97 0.00	45.57 0.88 0.07	51.64 0.93 0.00	69.17 1.06 0.00	65.87 1.13 0.00	65.19 1.10 0.00	56.91 0.77 0.00	50.15 0.68 0.00	38.33 0.74 0.00
RIVERBAY____ 323610	59.59 5.22 0.00	45.92 4.06 0.00	41.29 3.60 0.00	37.89 3.26 0.00	36.14 3.07 0.00	39.99 3.27 0.00	44.77 3.90 0.00	57.22 4.54 -2.24	55.11 4.61 -4.86	52.03 4.48 -5.34	55.27 5.51 -0.85	54.43 5.75 -0.34	57.17 5.87 0.00	57.00 5.74 0.00	55.59 6.03 -0.23	56.35 6.02 0.00	51.52 5.41 -1.34	56.19 5.49 0.00	74.63 6.52 0.00	71.26 6.51 0.00	69.98 5.89 0.00	61.11 4.97 0.00	54.28 4.81 0.00	41.29 3.70 0.00
RIVERSDE_115KV_TB3 55908	55.24 0.87 0.00	42.82 0.97 0.00	38.64 0.94 0.00	35.59 0.95 0.00	34.00 0.93 0.00	37.60 0.88 0.00	41.64 0.76 0.00	51.17 0.73 0.00	46.32 0.68 0.00	42.78 0.57 0.00	49.54 0.64 0.00	49.09 0.78 0.02	51.92 0.62 0.00	51.93 0.67 0.00	50.19 0.87 0.01	51.21 0.89 0.00	45.52 0.83 0.07	51.57 0.86 0.00	69.09 0.99 0.00	65.80 1.05 0.00	65.09 1.00 0.00	56.81 0.67 0.00	50.06 0.59 0.00	38.25 0.66 0.00
ROARING___BROOK_WT_PWR 323790	54.35 -0.02 0.00	41.79 -0.06 0.00	37.60 -0.10 0.00	34.48 -0.16 0.00	32.91 -0.15 0.00	36.64 -0.08 0.00	40.81 -0.07 0.00	50.36 -0.08 0.00	45.55 -0.09 0.00	42.12 -0.09 0.00	48.75 -0.15 0.00	48.13 -0.20 0.00	51.12 -0.17 0.00	51.11 -0.15 0.00	49.12 -0.22 0.00	50.15 -0.17 0.00	44.61 -0.15 0.00	50.59 -0.12 0.00	68.03 -0.08 0.00	64.67 -0.08 0.00	64.10 0.01 0.00	56.17 0.03 0.00	49.47 0.00 0.00	37.53 -0.06 0.00

ROCHESRG_115KV_T4 355643	52.94 -1.43 0.00	40.84 -1.02 0.00	36.69 -1.01 0.00	33.76 -0.88 0.00	32.34 -0.72 0.00	36.29 -0.43 0.00	40.22 -0.65 0.00	49.26 -1.18 0.00	44.76 -0.88 0.00	41.59 -0.62 0.00	48.07 -0.82 0.00	47.10 -1.23 0.00	50.48 -0.82 0.00	50.22 -1.04 0.00	48.01 -1.33 0.00	48.97 -1.35 0.00	43.62 -1.15 0.00	49.98 -0.73 0.00	66.82 -1.29 0.00	63.82 -0.92 0.00	63.15 -0.94 0.00	55.06 -1.08 0.00	48.38 -1.09 0.00	37.05 -0.54 0.00
ROCHESTER_9_IC 23652	53.31 -1.07 0.00	41.09 -0.76 0.00	36.91 -0.79 0.00	33.96 -0.67 0.00	32.53 -0.54 0.00	36.51 -0.21 0.00	40.48 -0.39 0.00	49.53 -0.91 0.00	44.99 -0.65 0.00	41.80 -0.41 0.00	48.33 -0.57 0.00	47.34 -0.99 0.00	50.74 -0.55 0.00	50.49 -0.77 0.00	48.26 -1.07 0.00	49.25 -1.08 0.00	43.86 -0.90 0.00	50.28 -0.42 0.00	67.22 -0.89 0.00	64.21 -0.54 0.00	63.51 -0.58 0.00	55.35 -0.79 0.00	48.63 -0.84 0.00	37.21 -0.37 0.00
ROCKVIEW_13_KV_LD 356306	57.83 3.45 0.00	44.71 2.86 0.00	40.15 2.46 0.00	36.89 2.25 0.00	35.19 2.12 0.00	38.81 2.09 0.00	43.22 2.35 0.00	55.40 2.71 -2.25	53.41 2.90 -4.87	50.50 2.94 -5.35	53.54 3.79 -0.85	52.72 4.05 -0.34	55.47 4.18 0.00	55.45 4.19 0.00	54.05 4.49 -0.23	54.76 4.44 0.00	50.13 4.03 -1.34	54.91 4.21 0.00	73.00 4.89 0.00	69.39 4.64 0.00	68.14 4.05 0.00	59.45 3.31 0.00	52.73 3.26 0.00	40.15 2.56 0.00
ROME____115KV_TB2 80656	56.64 1.98 -0.29	43.35 1.50 0.00	38.94 1.24 0.00	35.81 1.18 0.00	34.22 1.16 0.00	38.12 1.40 0.00	42.44 1.57 0.00	52.22 1.79 0.00	47.33 1.69 0.00	43.52 1.31 0.00	50.12 1.22 0.00	49.49 1.16 0.00	52.54 1.25 0.00	52.54 1.28 0.00	50.59 1.26 0.00	51.72 1.39 0.00	46.24 1.48 0.00	52.53 1.83 0.00	70.79 2.68 0.00	67.78 3.03 0.00	67.31 3.21 0.00	58.92 2.79 0.00	51.68 2.22 0.00	39.13 1.54 0.00
ROSETON___1 23587	56.52 2.15 0.00	43.70 1.85 0.00	39.32 1.62 0.00	36.16 1.53 0.00	34.50 1.44 0.00	38.08 1.36 0.00	42.38 1.51 0.00	52.09 1.65 0.00	47.42 1.78 0.00	44.02 1.81 0.00	51.27 2.38 0.00	50.90 2.58 0.01	53.94 2.65 0.00	53.91 2.65 0.00	52.21 2.88 0.01	53.15 2.82 0.00	47.30 2.60 0.06	53.39 2.68 0.00	71.16 3.06 0.00	67.74 2.99 0.00	66.68 2.59 0.00	58.17 2.03 0.00	51.48 2.02 0.00	39.21 1.62 0.00
ROSETON___2 23588	56.52 2.15 0.00	43.70 1.85 0.00	39.32 1.62 0.00	36.16 1.53 0.00	34.50 1.44 0.00	38.08 1.36 0.00	42.38 1.51 0.00	52.09 1.65 0.00	47.42 1.78 0.00	44.02 1.81 0.00	51.27 2.38 0.00	50.90 2.58 0.01	53.94 2.65 0.00	53.91 2.65 0.00	52.21 2.88 0.01	53.15 2.82 0.00	47.30 2.60 0.06	53.39 2.68 0.00	71.16 3.06 0.00	67.74 2.99 0.00	66.68 2.59 0.00	58.17 2.03 0.00	51.48 2.02 0.00	39.21 1.62 0.00
ROTRRDAM_115KV_TB3 80664	55.73 1.35 0.00	43.06 1.21 0.00	38.80 1.11 0.00	35.68 1.04 0.00	34.07 1.01 0.00	37.76 1.03 0.00	41.97 1.09 0.00	51.55 1.11 0.00	46.62 0.98 0.00	43.01 0.80 0.00	49.79 0.89 0.00	49.34 1.02 0.02	52.28 0.98 0.00	52.25 0.99 0.00	50.47 1.15 0.01	51.47 1.14 0.00	45.78 1.07 0.06	51.90 1.19 0.00	69.65 1.54 0.00	66.43 1.68 0.00	65.77 1.68 0.00	57.47 1.32 0.00	50.65 1.18 0.00	38.55 0.96 0.00
RUSSELL___1 23602	53.66 -0.71 0.00	41.34 -0.51 0.00	37.11 -0.59 0.00	34.14 -0.49 0.00	32.71 -0.36 0.00	36.70 -0.02 0.00	40.70 -0.18 0.00	49.81 -0.63 0.00	45.25 -0.39 0.00	42.06 -0.15 0.00	48.63 -0.27 0.00	47.64 -0.69 0.00	51.07 -0.22 0.00	50.81 -0.46 0.00	48.56 -0.77 0.00	49.57 -0.76 0.00	44.15 -0.61 0.00	50.66 -0.05 0.00	67.74 -0.36 0.00	64.71 -0.04 0.00	63.97 -0.11 0.00	55.74 -0.40 0.00	48.93 -0.54 0.00	37.43 -0.16 0.00
RUSSELL___2 23532	53.66 -0.71 0.00	41.34 -0.51 0.00	37.11 -0.59 0.00	34.14 -0.49 0.00	32.71 -0.36 0.00	36.70 -0.02 0.00	40.70 -0.18 0.00	49.81 -0.63 0.00	45.25 -0.39 0.00	42.06 -0.15 0.00	48.63 -0.27 0.00	47.64 -0.69 0.00	51.07 -0.22 0.00	50.81 -0.46 0.00	48.56 -0.77 0.00	49.57 -0.76 0.00	44.15 -0.61 0.00	50.66 -0.05 0.00	67.74 -0.36 0.00	64.71 -0.04 0.00	63.97 -0.11 0.00	55.74 -0.40 0.00	48.93 -0.54 0.00	37.43 -0.16 0.00
RUSSELL___3 23549	53.66 -0.71 0.00	41.34 -0.51 0.00	37.11 -0.59 0.00	34.14 -0.49 0.00	32.71 -0.36 0.00	36.70 -0.02 0.00	40.70 -0.18 0.00	49.81 -0.63 0.00	45.25 -0.39 0.00	42.06 -0.15 0.00	48.63 -0.27 0.00	47.64 -0.69 0.00	51.07 -0.22 0.00	50.81 -0.46 0.00	48.56 -0.77 0.00	49.57 -0.76 0.00	44.15 -0.61 0.00	50.66 -0.05 0.00	67.74 -0.36 0.00	64.71 -0.04 0.00	63.97 -0.11 0.00	55.74 -0.40 0.00	48.93 -0.54 0.00	37.43 -0.16 0.00
RUSSELL___4 23556	53.66 -0.71 0.00	41.34 -0.51 0.00	37.11 -0.59 0.00	34.14 -0.49 0.00	32.71 -0.36 0.00	36.70 -0.02 0.00	40.70 -0.18 0.00	49.81 -0.63 0.00	45.25 -0.39 0.00	42.06 -0.15 0.00	48.63 -0.27 0.00	47.64 -0.69 0.00	51.07 -0.22 0.00	50.81 -0.46 0.00	48.56 -0.77 0.00	49.57 -0.76 0.00	44.15 -0.61 0.00	50.66 -0.05 0.00	67.74 -0.36 0.00	64.71 -0.04 0.00	63.97 -0.11 0.00	55.74 -0.40 0.00	48.93 -0.54 0.00	37.43 -0.16 0.00
RUSSELL___STATION 23914	53.66 -0.71 0.00	41.34 -0.51 0.00	37.11 -0.59 0.00	34.14 -0.49 0.00	32.71 -0.36 0.00	36.70 -0.02 0.00	40.70 -0.18 0.00	49.81 -0.63 0.00	45.25 -0.39 0.00	42.06 -0.15 0.00	48.63 -0.27 0.00	47.64 -0.69 0.00	51.07 -0.22 0.00	50.81 -0.46 0.00	48.56 -0.77 0.00	49.57 -0.76 0.00	44.15 -0.61 0.00	50.66 -0.05 0.00	67.74 -0.36 0.00	64.71 -0.04 0.00	63.97 -0.11 0.00	55.74 -0.40 0.00	48.93 -0.54 0.00	37.43 -0.16 0.00
S SALMON___HYD 24043	55.55 -0.09 -1.26	41.70 -0.15 0.00	37.45 -0.24 0.00	34.46 -0.17 0.00	32.97 -0.09 0.00	36.65 -0.08 0.00	40.87 -0.10 -0.10	51.62 -0.26 -1.44	45.30 -0.35 -0.02	41.73 -0.48 0.00	48.12 -0.78 0.00	47.39 -0.94 0.00	50.35 -0.94 0.00	50.42 -0.84 0.00	48.49 -0.84 0.00	49.48 -0.84 0.00	44.05 -0.71 0.00	50.05 -0.66 0.00	67.92 -0.82 -0.63	64.98 -0.29 -0.53	65.21 0.13 -0.99	56.46 0.31 0.00	49.67 0.21 0.00	37.67 0.08 0.00
S.PERRY__115KV_TB1 80734	54.67 0.30 0.00	42.09 0.23 0.00	37.77 0.07 0.00	34.86 0.22 0.00	33.48 0.42 0.00	37.63 0.90 0.00	41.82 0.94 0.00	50.86 0.42 0.00	46.17 0.53 0.00	42.79 0.58 0.00	49.15 0.25 0.00	47.84 -0.49 0.00	51.55 0.26 0.00	51.00 -0.26 0.00	48.46 -0.88 0.00	48.42 -1.91 0.00	42.78 -1.98 0.00	49.19 -1.52 0.00	65.62 -2.49 0.00	63.47 -1.27 0.00	63.65 -0.44 0.00	55.64 -0.50 0.00	48.76 -0.71 0.00	38.10 0.51 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	51.82 -2.55 0.00	40.05 -1.79 0.00	35.95 -1.74 0.00	33.14 -1.49 0.00	31.79 -1.28 0.00	35.65 -1.07 0.00	39.23 -1.65 0.00	47.51 -2.93 0.00	43.25 -2.39 0.00	40.39 -1.83 0.00	46.72 -2.18 0.00	45.32 -3.01 0.00	49.12 -2.17 0.00	48.61 -2.65 0.00	46.13 -3.20 0.00	47.01 -3.31 0.00	41.81 -2.95 0.00	48.34 -2.37 0.00	64.21 -3.90 0.00	61.32 -3.42 0.00	60.72 -3.37 0.00	52.84 -3.30 0.00	46.54 -2.92 0.00	36.08 -1.51 0.00

SAWYER___23_KV_LOAD 55526	51.82 -2.55 0.00	40.05 -1.79 0.00	35.95 -1.74 0.00	33.14 -1.49 0.00	31.79 -1.28 0.00	35.65 -1.07 0.00	39.23 -1.65 0.00	47.51 -2.93 0.00	43.25 -2.39 0.00	40.39 -1.83 0.00	46.72 -2.18 0.00	45.32 -3.01 0.00	49.12 -2.17 0.00	48.61 -2.65 0.00	46.13 -3.20 0.00	47.01 -3.31 0.00	41.81 -2.95 0.00	48.34 -2.37 0.00	64.21 -3.90 0.00	61.32 -3.42 0.00	60.72 -3.37 0.00	52.84 -3.30 0.00	46.54 -2.92 0.00	36.08 -1.51 0.00
SELKIRK___I 23801	55.34 0.96 0.00	42.84 0.98 0.00	38.69 1.00 0.00	35.66 1.02 0.00	34.06 1.00 0.00	37.71 0.99 0.00	41.81 0.93 0.00	51.29 0.85 0.00	46.32 0.68 0.00	42.75 0.53 0.00	49.44 0.54 0.00	49.00 0.69 0.02	51.84 0.55 0.00	51.94 0.68 0.00	50.09 0.76 0.01	51.15 0.83 0.00	45.54 0.84 0.06	51.56 0.86 0.00	69.11 1.00 0.00	65.90 1.16 0.00	65.26 1.17 0.00	57.03 0.89 0.00	50.27 0.80 0.00	38.36 0.78 0.00
SELKIRK___II 23799	55.13 0.76 0.00	42.68 0.83 0.00	38.52 0.83 0.00	35.49 0.85 0.00	33.88 0.82 0.00	37.49 0.77 0.00	41.57 0.70 0.00	51.07 0.62 0.00	46.23 0.59 0.00	42.72 0.50 0.00	49.47 0.57 0.00	49.03 0.72 0.02	51.91 0.62 0.00	51.92 0.66 0.00	50.15 0.82 0.01	51.16 0.84 0.00	45.49 0.79 0.07	51.50 0.80 0.00	68.97 0.86 0.00	65.71 0.96 0.00	64.99 0.90 0.00	56.77 0.63 0.00	50.05 0.58 0.00	38.20 0.61 0.00
SENECA OSWGO___HYD 24041	55.03 -1.25 -1.91	40.95 -0.91 0.00	36.88 -0.81 0.00	33.93 -0.70 0.00	32.42 -0.64 0.00	36.09 -0.63 0.00	40.29 -0.73 -0.15	51.59 -1.09 -2.24	44.67 -1.00 -0.03	41.28 -0.93 0.00	47.68 -1.21 0.00	47.10 -1.23 0.00	50.03 -1.26 0.00	50.00 -1.26 0.00	48.12 -1.21 0.00	49.13 -1.19 0.00	43.78 -0.98 0.00	49.75 -0.96 0.00	67.66 -1.44 -0.99	64.43 -1.14 -0.83	64.52 -1.13 -1.55	55.09 -1.04 0.00	48.50 -0.97 0.00	36.89 -0.69 0.00
SENECA___115KV_TB3 355854	52.34 -2.04 0.00	40.43 -1.42 0.00	36.29 -1.40 0.00	33.46 -1.18 0.00	32.10 -0.96 0.00	36.00 -0.72 0.00	39.67 -1.21 0.00	48.08 -2.36 0.00	43.78 -1.86 0.00	40.87 -1.34 0.00	47.31 -1.59 0.00	45.93 -2.40 0.00	49.82 -1.48 0.00	49.26 -2.00 0.00	46.81 -2.52 0.00	47.67 -2.66 0.00	42.40 -2.36 0.00	49.00 -1.71 0.00	65.11 -3.00 0.00	62.22 -2.53 0.00	61.57 -2.53 0.00	53.55 -2.59 0.00	47.13 -2.33 0.00	36.48 -1.11 0.00
SENECA___ENERGY 23797	54.38 -0.79 -0.80	41.42 -0.43 0.00	37.25 -0.44 0.00	34.32 -0.32 0.00	32.85 -0.21 0.00	36.57 -0.15 0.00	40.75 -0.17 -0.04	50.34 -0.70 -0.60	45.16 -0.49 -0.01	41.83 -0.38 0.00	48.20 -0.70 0.00	47.34 -0.99 0.00	50.39 -0.90 0.00	50.25 -1.01 0.00	48.22 -1.12 0.00	49.09 -1.24 0.00	43.74 -1.02 0.00	49.82 -0.89 0.00	67.03 -1.31 -0.23	64.13 -0.81 -0.19	63.68 -0.77 -0.36	55.29 -0.85 0.00	48.64 -0.83 0.00	37.09 -0.49 0.00
SHOEMAKER___GT 23640	56.38 2.01 0.00	43.53 1.68 0.00	39.17 1.48 0.00	36.02 1.39 0.00	34.38 1.31 0.00	37.98 1.26 0.00	42.26 1.38 0.00	49.96 1.47 1.94	42.98 1.56 4.21	39.14 1.56 4.63	50.21 2.05 0.74	50.70 2.24 -0.13	53.66 2.36 0.00	53.64 2.38 0.00	52.06 2.64 -0.09	52.85 2.53 0.00	47.62 2.35 -0.51	53.21 2.51 0.00	71.07 2.96 0.00	67.72 2.98 0.00	66.69 2.60 0.00	58.18 2.05 0.00	51.42 1.96 0.00	39.13 1.54 0.00
SHOEMAKR_138KV_BK 111 55601	56.38 2.01 0.00	43.52 1.67 0.00	39.15 1.46 0.00	36.01 1.38 0.00	34.36 1.29 0.00	37.97 1.25 0.00	42.25 1.37 0.00	50.04 1.46 1.86	43.18 1.57 4.03	39.37 1.59 4.43	50.29 2.10 0.71	50.74 2.29 -0.12	53.71 2.41 0.00	53.68 2.42 0.00	52.10 2.68 -0.08	52.92 2.59 0.00	47.65 2.40 -0.48	53.25 2.54 0.00	71.08 2.97 0.00	67.72 2.97 0.00	66.67 2.58 0.00	58.16 2.02 0.00	51.42 1.95 0.00	39.12 1.53 0.00
SHOREHAM_IC_1 23715	58.41 3.66 -0.37	46.54 3.42 -1.27	40.48 2.79 0.00	37.25 2.62 0.00	35.42 2.36 0.00	38.83 2.11 0.00	43.74 2.86 0.00	55.81 3.14 -2.24	53.78 3.29 -4.85	50.80 3.26 -5.33	54.85 4.25 -1.71	54.95 4.59 -2.02	55.94 4.20 -0.45	55.69 4.24 -0.18	67.45 4.66 -13.45	170.80 4.74 -115.74	53.11 4.08 -4.27	54.96 4.24 -0.01	72.99 4.87 0.00	69.16 4.41 0.00	67.79 3.71 0.00	59.10 3.01 0.04	53.18 3.71 0.00	40.33 2.74 0.00
SHOREHAM_IC_2 23716	58.42 3.68 -0.37	46.57 3.45 -1.27	40.48 2.79 0.00	37.25 2.62 0.00	35.42 2.36 0.00	38.83 2.11 0.00	43.74 2.86 0.00	55.81 3.14 -2.24	53.78 3.30 -4.85	50.81 3.27 -5.33	54.84 4.24 -1.71	54.95 4.60 -2.02	56.03 4.29 -0.45	55.68 4.24 -0.18	67.43 4.64 -13.45	170.80 4.74 -115.74	53.11 4.08 -4.27	54.96 4.24 -0.01	72.99 4.88 0.00	69.16 4.41 0.00	67.80 3.71 0.00	59.10 3.01 0.04	53.18 3.71 0.00	40.33 2.74 0.00
SISSONVILLE____ 23735	55.97 1.44 -0.16	42.67 0.82 0.00	38.26 0.57 0.00	35.07 0.43 0.00	33.49 0.43 0.00	37.31 0.59 0.00	41.62 0.75 0.00	51.51 1.07 0.00	46.14 0.50 0.00	42.49 0.28 0.00	49.12 0.22 0.00	48.08 -0.25 0.00	51.35 0.06 0.00	51.47 0.20 0.00	48.90 -0.43 0.00	49.65 -0.67 0.00	44.13 -0.63 0.00	50.24 -0.46 0.00	68.05 -0.06 0.00	64.95 0.20 0.00	64.85 0.76 0.00	57.50 1.35 0.00	50.63 1.17 0.00	38.35 0.76 0.00
SITHE_IND_GS1 24169	46.88 -1.94 5.55	40.46 -1.39 0.00	36.45 -1.25 0.00	33.53 -1.11 0.00	32.03 -1.03 0.00	35.64 -1.08 0.00	39.11 -1.24 0.53	40.33 -1.72 8.39	43.94 -1.58 0.11	40.78 -1.42 0.00	47.14 -1.76 0.00	46.55 -1.79 0.00	49.45 -1.84 0.00	49.42 -1.84 0.00	47.55 -1.78 0.00	48.58 -1.74 0.00	43.26 -1.50 0.00	49.10 -1.61 0.00	61.63 -2.38 4.11	59.21 -2.11 3.42	55.55 -2.12 6.43	54.29 -1.85 0.00	47.84 -1.63 0.00	36.41 -1.18 0.00
SITHE_IND_GS2 24170	46.88 -1.94 5.55	40.46 -1.39 0.00	36.45 -1.25 0.00	33.53 -1.11 0.00	32.03 -1.03 0.00	35.64 -1.08 0.00	39.11 -1.24 0.53	40.33 -1.72 8.39	43.94 -1.58 0.11	40.78 -1.42 0.00	47.14 -1.76 0.00	46.55 -1.79 0.00	49.45 -1.84 0.00	49.42 -1.84 0.00	47.55 -1.78 0.00	48.58 -1.74 0.00	43.26 -1.50 0.00	49.10 -1.61 0.00	61.63 -2.38 4.11	59.21 -2.11 3.42	55.55 -2.12 6.43	54.29 -1.85 0.00	47.84 -1.63 0.00	36.41 -1.18 0.00
SITHE_IND_GS3 24171	46.88 -1.94 5.55	40.46 -1.39 0.00	36.45 -1.25 0.00	33.53 -1.11 0.00	32.03 -1.03 0.00	35.64 -1.08 0.00	39.11 -1.24 0.53	40.33 -1.72 8.39	43.94 -1.58 0.11	40.78 -1.42 0.00	47.14 -1.76 0.00	46.55 -1.79 0.00	49.45 -1.84 0.00	49.42 -1.84 0.00	47.55 -1.78 0.00	48.58 -1.74 0.00	43.26 -1.50 0.00	49.10 -1.61 0.00	61.63 -2.38 4.11	59.21 -2.11 3.42	55.55 -2.12 6.43	54.29 -1.85 0.00	47.84 -1.63 0.00	36.41 -1.18 0.00
SITHE_IND_GS4 24172	46.88 -1.94 5.55	40.46 -1.39 0.00	36.45 -1.25 0.00	33.53 -1.11 0.00	32.03 -1.03 0.00	35.64 -1.08 0.00	39.11 -1.24 0.53	40.33 -1.72 8.39	43.94 -1.58 0.11	40.78 -1.42 0.00	47.14 -1.76 0.00	46.55 -1.79 0.00	49.45 -1.84 0.00	49.42 -1.84 0.00	47.55 -1.78 0.00	48.58 -1.74 0.00	43.26 -1.50 0.00	49.10 -1.61 0.00	61.63 -2.38 4.11	59.21 -2.11 3.42	55.55 -2.12 6.43	54.29 -1.85 0.00	47.84 -1.63 0.00	36.41 -1.18 0.00

SITHE___BATAVIA 24024	53.67 -0.70 0.00	41.41 -0.44 0.00	37.13 -0.57 0.00	34.18 -0.45 0.00	32.80 -0.26 0.00	36.83 0.10 0.00	40.54 -0.34 0.00	49.20 -1.24 0.00	44.79 -0.85 0.00	41.91 -0.30 0.00	48.00 -0.89 0.00	46.74 -1.59 0.00	50.41 -0.88 0.00	49.99 -1.27 0.00	47.60 -1.73 0.00	48.46 -1.87 0.00	43.18 -1.58 0.00	49.75 -0.96 0.00	66.45 -1.66 0.00	63.89 -0.85 0.00	63.52 -0.57 0.00	55.32 -0.82 0.00	48.56 -0.91 0.00	37.40 -1.18 0.00
SITHE___INDEPEND 23800	46.88 -1.94 5.55	40.46 -1.39 0.00	36.45 -1.25 0.00	33.53 -1.11 0.00	32.03 -1.03 0.00	35.64 -1.08 0.00	39.11 -1.24 0.53	40.33 -1.71 8.39	43.94 -1.58 0.11	40.78 -1.43 0.00	47.14 -1.75 0.00	46.55 -1.79 0.00	49.45 -1.84 0.00	49.42 -1.84 0.00	47.55 -1.78 0.00	48.58 -1.74 0.00	43.25 -1.51 0.00	49.10 -1.60 0.00	61.63 -2.38 4.11	59.21 -2.11 3.42	55.55 -2.11 6.43	54.29 -1.85 0.00	47.84 -1.63 0.00	36.41 -1.18 0.00
SITHE___MASSENA 23902	55.31 0.94 0.00	42.34 0.49 0.00	38.04 0.35 0.00	34.87 0.23 0.00	33.28 0.22 0.00	37.06 0.33 0.00	41.31 0.43 0.00	51.17 0.73 0.00	45.99 0.35 0.00	42.46 0.25 0.00	49.13 0.23 0.00	48.17 -0.16 0.00	51.39 0.10 0.00	51.50 0.23 0.00	49.14 -0.19 0.00	50.13 -0.19 0.00	44.54 -0.22 0.00	50.66 -0.04 0.00	68.45 0.34 0.00	65.01 0.27 0.00	64.64 0.55 0.00	56.94 0.80 0.00	50.07 0.61 0.00	37.96 0.37 0.00
SITHE___OGDNSBRG 24021	56.51 2.14 0.00	43.23 1.37 0.00	38.77 1.07 0.00	35.51 0.88 0.00	33.91 0.85 0.00	37.79 1.07 0.00	42.15 1.28 0.00	51.94 1.50 0.00	46.31 0.67 0.00	42.61 0.40 0.00	49.26 0.36 0.00	48.25 -0.08 0.00	51.62 0.33 0.00	51.71 0.45 0.00	49.15 -0.18 0.00	50.06 -0.27 0.00	44.53 -0.23 0.00	50.68 -0.02 0.00	68.83 0.72 0.00	65.94 1.19 0.00	66.00 1.91 0.00	58.36 2.22 0.00	51.26 1.79 0.00	38.78 1.19 0.00
SITHE___STERLING 23777	56.02 1.33 -0.32	42.88 1.03 0.00	38.57 0.88 0.00	35.47 0.84 0.00	33.90 0.83 0.00	37.73 1.01 0.00	42.00 1.12 0.00	51.66 1.21 0.00	46.90 1.26 0.00	43.22 1.01 0.00	49.80 0.90 0.00	49.17 0.84 0.00	52.16 0.87 0.00	52.17 0.90 0.00	50.22 0.89 0.00	51.33 1.01 0.00	45.88 1.12 0.00	52.09 1.38 0.00	70.05 1.94 0.00	66.94 2.19 0.00	66.47 2.37 0.00	58.18 2.04 0.00	51.09 1.62 0.00	38.73 1.14 0.00
SLEIGHT__34_KV_TB1 80719	55.34 0.31 -0.65	42.24 0.39 0.00	38.05 0.35 0.00	34.98 0.35 0.00	33.49 0.42 0.00	37.36 0.63 0.00	41.62 0.70 -0.04	51.45 0.49 -0.53	46.08 0.43 -0.01	42.49 0.28 0.00	49.21 0.32 0.00	48.37 0.04 0.00	51.51 0.22 0.00	51.39 0.12 0.00	49.37 0.03 0.00	50.30 -0.02 0.00	44.71 -0.05 0.00	51.06 0.35 0.00	68.79 0.47 -0.20	65.90 0.98 -0.17	65.53 1.11 -0.32	56.92 0.78 0.00	49.96 0.49 0.00	38.00 0.41 0.00
SMITHTWN_69_KV_BK 1 55830	59.08 4.33 -0.37	47.10 3.96 -1.29	40.95 3.25 0.00	37.56 2.92 0.00	35.72 2.66 0.00	39.32 2.60 0.00	44.08 3.20 0.00	56.38 3.71 -2.24	54.32 3.84 -4.85	51.34 3.80 -5.33	55.50 4.89 -1.71	55.51 5.15 -2.03	56.70 4.93 -0.47	56.28 4.83 -0.18	70.89 5.26 -16.30	199.96 5.17 -144.47	53.41 4.36 -4.29	55.26 4.54 -0.01	73.40 5.28 -0.01	69.50 4.75 0.00	68.13 4.04 0.00	59.36 3.30 0.08	53.61 4.14 0.00	40.70 3.11 0.00
SOUTH CAIRO___GT 23612	57.03 2.66 0.00	44.04 2.19 0.00	39.72 2.03 0.00	36.56 1.93 0.00	34.94 1.88 0.00	38.72 2.00 0.00	42.97 2.09 0.00	52.78 2.34 0.00	47.49 1.85 0.00	43.62 1.41 0.00	50.23 1.33 0.00	49.75 1.43 0.01	52.60 1.31 0.00	52.59 1.33 0.00	50.74 1.42 0.01	51.92 1.59 0.00	46.34 1.63 0.05	52.65 1.94 0.00	70.92 2.81 0.00	68.10 3.35 0.00	67.68 3.59 0.00	59.04 2.90 0.00	51.73 2.27 0.00	39.37 1.79 0.00
SOUTH HAMPTN___IC 23720	59.26 4.52 -0.37	47.25 4.14 -1.26	41.07 3.37 0.00	37.78 3.15 0.00	35.92 2.85 0.00	39.43 2.71 0.00	44.46 3.58 0.00	56.81 4.14 -2.24	54.77 4.28 -4.85	51.85 4.31 -5.33	56.18 5.57 -1.71	56.28 5.93 -2.02	57.34 5.60 -0.44	57.11 5.67 -0.18	68.47 5.95 -13.18	169.45 6.03 -113.10	54.29 5.26 -4.27	56.25 5.53 -0.01	74.60 6.49 0.00	70.61 5.86 0.00	69.13 5.04 0.00	60.33 4.23 0.04	54.27 4.80 0.00	41.13 3.54 0.00
SOUTHDOWN_115KV_TB1 355954	53.64 -0.73 0.00	41.36 -0.49 0.00	37.31 -0.39 0.00	34.47 -0.16 0.00	33.04 -0.02 0.00	37.09 0.37 0.00	41.10 0.23 0.00	50.41 -0.03 0.00	46.10 0.46 0.00	43.09 0.87 0.00	50.04 1.14 0.00	48.54 0.21 0.00	52.69 1.40 0.00	52.07 0.81 0.00	49.63 0.30 0.00	50.41 0.09 0.00	44.73 -0.03 0.00	51.70 0.99 0.00	67.89 -0.21 0.00	64.80 0.05 0.00	63.99 -0.10 0.00	55.50 -0.64 0.00	48.75 -0.72 0.00	37.61 0.02 0.00
SOUTHOLD_69_KV_BK 2 55809	60.02 5.28 -0.37	47.98 4.86 -1.26	41.60 3.90 0.00	38.30 3.67 0.00	36.41 3.35 0.00	40.01 3.29 0.00	45.22 4.35 0.00	57.92 5.25 -2.24	55.83 5.34 -4.85	53.00 5.46 -5.33	57.61 7.00 -1.71	57.72 7.37 -2.02	58.85 7.11 -0.45	58.60 7.16 -0.18	69.02 6.50 -13.19	170.03 6.56 -113.15	54.78 5.75 -4.27	56.78 6.06 -0.01	75.25 7.14 0.00	71.92 7.17 0.00	70.49 6.40 0.00	61.73 5.63 0.04	55.57 6.10 0.00	42.07 4.48 0.00
SOUTHOLD___IC 23719	60.01 5.26 -0.37	47.96 4.84 -1.26	41.60 3.90 0.00	38.30 3.67 0.00	36.41 3.35 0.00	40.01 3.29 0.00	45.22 4.35 0.00	57.92 5.25 -2.24	55.82 5.34 -4.85	52.99 5.46 -5.33	57.63 7.02 -1.71	57.72 7.37 -2.02	58.77 7.03 -0.45	58.61 7.16 -0.18	69.03 6.51 -13.19	170.03 6.56 -113.15	54.77 5.75 -4.27	56.77 6.06 -0.01	75.26 7.15 0.00	71.92 7.17 0.00	70.49 6.40 0.00	61.74 5.64 0.04	55.56 6.09 0.00	42.07 4.49 0.00
SOUTH_FORK_WT_PWR 323839	59.74 5.00 -0.37	47.89 4.77 -1.26	41.49 3.80 0.00	38.25 3.62 0.00	36.36 3.29 0.00	39.97 3.25 0.00	45.26 4.39 0.00	58.05 5.37 -2.24	55.94 5.46 -4.85	53.17 5.63 -5.33	57.89 7.28 -1.71	57.98 7.63 -2.02	58.91 7.17 -0.45	58.76 7.32 -0.18	69.62 7.10 -13.18	170.68 7.24 -113.12	55.37 6.34 -4.27	57.47 6.76 -0.01	76.08 7.97 0.00	71.89 7.14 0.00	70.30 6.21 0.00	61.76 5.66 0.04	55.72 6.25 0.00	42.21 4.62 0.00
SPIERFLS_115KV_TB 1 80737	56.74 2.37 0.00	44.05 2.20 0.00	39.61 1.92 0.00	36.40 1.77 0.00	34.78 1.72 0.00	38.50 1.78 0.00	42.91 2.03 0.00	52.68 2.24 0.00	47.50 1.86 0.00	43.57 1.36 0.00	50.20 1.30 0.00	49.82 1.50 0.02	52.77 1.48 0.00	52.62 1.36 0.00	50.86 1.54 0.01	51.97 1.65 0.00	46.23 1.54 0.06	52.77 2.06 0.00	71.21 3.10 0.00	67.80 3.06 0.00	67.18 3.09 0.00	58.65 2.51 0.00	51.55 2.08 0.00	39.20 1.62 0.00
ST LAWRENCE____ 23600	54.62 0.24 0.00	41.84 -0.01 0.00	37.61 -0.08 0.00	34.47 -0.16 0.00	32.90 -0.16 0.00	36.62 -0.10 0.00	40.82 -0.06 0.00	50.60 0.16 0.00	45.55 -0.09 0.00	42.09 -0.12 0.00	48.71 -0.19 0.00	47.90 -0.43 0.00	50.98 -0.31 0.00	51.06 -0.20 0.00	48.83 -0.50 0.00	49.81 -0.51 0.00	44.24 -0.52 0.00	50.28 -0.43 0.00	67.86 -0.25 0.00	64.37 -0.37 0.00	63.93 -0.16 0.00	56.22 0.08 0.00	49.45 -0.02 0.00	37.49 -0.10 0.00

STATE_CA_115KV_115_LB 55624	55.34 0.97 0.00	42.85 1.00 0.00	38.68 0.98 0.00	35.62 0.99 0.00	34.04 0.97 0.00	37.65 0.93 0.00	41.70 0.82 0.00	51.26 0.82 0.00	46.42 0.78 0.00	42.87 0.66 0.00	49.65 0.75 0.00	49.20 0.89 0.02	52.07 0.78 0.00	52.09 0.83 0.00	50.34 1.02 0.01	51.37 1.05 0.00	45.67 0.98 0.07	51.75 1.04 0.00	69.31 1.20 0.00	66.01 1.26 0.00	65.26 1.18 0.00	56.96 0.82 0.00	50.17 0.70 0.00	38.32 0.73 0.00
STATE_ST_34_KV_LOAD 55959	55.25 -0.08 -0.96	42.00 0.15 0.00	37.76 0.07 0.00	34.82 0.19 0.00	33.34 0.27 0.00	37.00 0.28 0.00	41.28 0.35 -0.05	51.16 0.04 -0.69	45.77 0.12 -0.01	42.25 0.04 0.00	48.85 -0.05 0.00	47.96 -0.37 0.00	50.99 -0.31 0.00	50.91 -0.35 0.00	48.95 -0.39 0.00	49.89 -0.43 0.00	44.42 -0.34 0.00	50.56 -0.15 0.00	68.12 -0.26 -0.27	65.18 0.21 -0.22	64.76 0.25 -0.42	56.26 0.12 0.00	49.48 0.02 0.00	37.66 0.07 0.00
STATION_5_MISC_HYD 23604	53.31 -1.06 0.00	41.08 -0.77 0.00	36.90 -0.79 0.00	33.96 -0.67 0.00	32.53 -0.54 0.00	36.51 -0.21 0.00	40.48 -0.39 0.00	49.54 -0.90 0.00	45.01 -0.63 0.00	41.81 -0.40 0.00	48.34 -0.56 0.00	47.34 -0.99 0.00	50.74 -0.55 0.00	50.49 -0.78 0.00	48.26 -1.07 0.00	49.25 -1.08 0.00	43.86 -0.90 0.00	50.28 -0.42 0.00	67.22 -0.89 0.00	64.21 -0.53 0.00	63.52 -0.58 0.00	55.35 -0.79 0.00	48.63 -0.83 0.00	37.22 -0.37 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	53.55 -1.01 -0.18	41.20 -0.65 0.00	37.03 -0.67 0.00	34.07 -0.57 0.00	32.63 -0.43 0.00	36.52 -0.20 0.00	40.61 -0.29 -0.02	49.84 -0.77 -0.17	45.08 -0.56 0.00	41.82 -0.39 0.00	48.33 -0.57 0.00	47.43 -0.90 0.00	50.65 -0.64 0.00	50.46 -0.80 0.00	48.30 -1.03 0.00	49.23 -1.09 0.00	43.87 -0.89 0.00	50.16 -0.55 0.00	67.23 -0.88 0.00	64.30 -0.45 0.00	63.59 -0.50 0.00	55.46 -0.68 0.00	48.75 -0.72 0.00	37.24 -0.36 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	53.04 -1.34 0.00	40.89 -0.96 0.00	36.72 -0.97 0.00	33.79 -0.85 0.00	32.36 -0.70 0.00	36.30 -0.42 0.00	40.27 -0.61 0.00	49.30 -1.14 0.00	44.77 -0.87 0.00	41.59 -0.62 0.00	48.11 -0.79 0.00	47.14 -1.19 0.00	50.48 -0.81 0.00	50.25 -1.01 0.00	48.06 -1.27 0.00	49.04 -1.28 0.00	43.68 -1.08 0.00	50.05 -0.66 0.00	66.94 -1.17 0.00	63.92 -0.83 0.00	63.21 -0.88 0.00	55.09 -1.05 0.00	48.39 -1.08 0.00	37.02 -0.57 0.00
STA_56___34_KV_BUS2 355983	53.04 -1.34 0.00	40.89 -0.96 0.00	36.72 -0.97 0.00	33.79 -0.85 0.00	32.36 -0.70 0.00	36.30 -0.42 0.00	40.27 -0.61 0.00	49.30 -1.14 0.00	44.77 -0.87 0.00	41.59 -0.62 0.00	48.11 -0.79 0.00	47.14 -1.19 0.00	50.48 -0.81 0.00	50.25 -1.01 0.00	48.06 -1.27 0.00	49.04 -1.28 0.00	43.68 -1.08 0.00	50.05 -0.66 0.00	66.94 -1.17 0.00	63.92 -0.83 0.00	63.21 -0.88 0.00	55.09 -1.05 0.00	48.39 -1.08 0.00	37.02 -0.57 0.00
STA_67___115KV_BK2 355882	53.17 -1.20 0.00	41.00 -0.85 0.00	36.81 -0.89 0.00	33.88 -0.76 0.00	32.45 -0.62 0.00	36.42 -0.30 0.00	40.38 -0.50 0.00	49.40 -1.04 0.00	44.87 -0.77 0.00	41.69 -0.53 0.00	48.19 -0.70 0.00	47.21 -1.12 0.00	50.59 -0.70 0.00	50.34 -0.93 0.00	48.12 -1.22 0.00	49.09 -1.23 0.00	43.73 -1.03 0.00	50.11 -0.59 0.00	67.00 -1.11 0.00	63.98 -0.77 0.00	63.30 -0.79 0.00	55.18 -0.96 0.00	48.48 -0.99 0.00	37.13 -0.46 0.00
STA_7___115KV_9TRANS 80674	53.66 -0.71 0.00	41.34 -0.51 0.00	37.11 -0.59 0.00	34.14 -0.49 0.00	32.71 -0.36 0.00	36.70 -0.02 0.00	40.70 -0.18 0.00	49.81 -0.63 0.00	45.25 -0.39 0.00	42.06 -0.15 0.00	48.63 -0.27 0.00	47.64 -0.69 0.00	51.07 -0.22 0.00	50.81 -0.46 0.00	48.56 -0.77 0.00	49.57 -0.76 0.00	44.15 -0.61 0.00	50.66 -0.05 0.00	67.74 -0.36 0.00	64.71 -0.04 0.00	63.97 -0.11 0.00	55.74 -0.40 0.00	48.93 -0.54 0.00	37.43 -0.16 0.00
STA_82___115KV_TB1 80780	53.17 -1.20 0.00	41.00 -0.85 0.00	36.83 -0.87 0.00	33.89 -0.75 0.00	32.46 -0.60 0.00	36.44 -0.29 0.00	40.39 -0.49 0.00	49.42 -1.02 0.00	44.87 -0.76 0.00	41.70 -0.51 0.00	48.21 -0.68 0.00	47.23 -1.10 0.00	50.62 -0.68 0.00	50.36 -0.90 0.00	48.12 -1.21 0.00	49.11 -1.21 0.00	43.73 -1.03 0.00	50.13 -0.58 0.00	67.01 -1.10 0.00	64.02 -0.73 0.00	63.34 -0.75 0.00	55.22 -0.92 0.00	48.51 -0.96 0.00	37.14 -0.44 0.00
STEEL___WIND 323596	52.26 -2.11 0.00	40.38 -1.47 0.00	36.25 -1.44 0.00	33.43 -1.21 0.00	32.07 -1.00 0.00	35.94 -0.78 0.00	39.63 -1.25 0.00	48.03 -2.41 0.00	43.75 -1.89 0.00	40.82 -1.39 0.00	47.25 -1.64 0.00	45.87 -2.46 0.00	49.76 -1.53 0.00	49.16 -2.10 0.00	46.74 -2.59 0.00	47.59 -2.74 0.00	42.33 -2.43 0.00	48.92 -1.79 0.00	64.99 -3.13 0.00	62.14 -2.60 0.00	61.49 -2.59 0.00	53.49 -2.65 0.00	47.09 -2.38 0.00	36.45 -1.14 0.00
STEPHTWN_115KV_BK_2 55603	55.60 1.23 0.00	43.00 1.15 0.00	38.77 1.08 0.00	35.71 1.08 0.00	34.15 1.08 0.00	37.78 1.06 0.00	41.91 1.04 0.00	51.57 1.13 0.00	46.62 0.98 0.00	42.99 0.77 0.00	49.88 0.98 0.00	49.49 1.17 0.02	52.47 1.18 0.00	52.32 1.06 0.00	50.55 1.23 0.01	51.64 1.32 0.00	45.93 1.23 0.07	52.08 1.37 0.00	69.81 1.71 0.00	66.52 1.77 0.00	65.75 1.66 0.00	57.35 1.21 0.00	50.50 1.03 0.00	38.56 0.97 0.00
STEUBEN_REC_LFGE 323667	53.53 -1.14 -0.30	40.97 -0.88 0.00	36.78 -0.91 0.00	34.15 -0.48 0.00	32.82 -0.24 0.00	36.85 0.12 0.00	40.99 0.11 0.00	49.94 -0.51 0.00	45.51 -0.13 0.00	42.25 0.04 0.00	48.72 -0.17 0.00	47.50 -0.83 0.00	51.15 -0.14 0.00	50.51 -0.75 0.00	48.23 -1.11 0.00	48.88 -1.44 0.00	43.53 -1.23 0.00	49.96 -0.74 0.00	66.84 -1.27 0.00	64.27 -0.47 0.00	63.96 -0.12 0.00	55.66 -0.48 0.00	49.04 -0.43 0.00	37.71 0.12 0.00
STILLWATER___SOLAR 323814	56.71 2.34 0.00	43.94 2.09 0.00	39.56 1.86 0.00	36.38 1.74 0.00	34.76 1.70 0.00	38.50 1.78 0.00	42.80 1.93 0.00	52.57 2.12 0.00	47.43 1.79 0.00	43.58 1.37 0.00	50.39 1.49 0.00	49.95 1.64 0.02	52.88 1.59 0.00	52.80 1.54 0.00	51.04 1.72 0.01	52.10 1.78 0.00	46.37 1.67 0.06	52.80 2.10 0.00	71.03 2.92 0.00	67.75 3.00 0.00	67.13 3.05 0.00	58.54 2.40 0.00	51.50 2.03 0.00	39.24 1.65 0.00
STONY___BROOK 24151	58.95 4.21 -0.37	47.01 3.87 -1.28	40.86 3.16 0.00	37.49 2.85 0.00	35.66 2.59 0.00	39.24 2.51 0.00	44.01 3.14 0.00	56.30 3.63 -2.24	54.24 3.75 -4.85	51.23 3.70 -5.33	55.40 4.79 -1.71	55.45 5.09 -2.03	56.52 4.76 -0.46	56.18 4.74 -0.18	69.19 5.17 -14.69	183.50 5.02 -128.15	53.25 4.21 -4.28	55.06 4.34 -0.01	73.14 5.02 0.00	69.27 4.53 0.00	67.90 3.81 0.00	59.19 3.11 0.06	53.53 4.06 0.00	40.64 3.05 0.00
STURGEON_POOL_HYD 23609	56.82 2.45 0.00	43.87 2.02 0.00	39.46 1.76 0.00	36.28 1.64 0.00	34.59 1.53 0.00	38.18 1.46 0.00	42.52 1.65 0.00	52.31 1.88 0.00	47.60 1.96 0.00	44.19 1.99 0.00	51.54 2.65 0.00	51.20 2.87 0.00	54.30 3.01 0.00	54.24 2.98 0.00	52.54 3.21 0.00	53.50 3.18 0.00	47.68 2.92 0.00	53.78 3.07 0.00	71.69 3.58 0.00	68.22 3.48 0.00	67.09 3.00 0.00	58.49 2.35 0.00	51.72 2.26 0.00	39.33 1.74 0.00

ST_LAW_115_BK7_LBMP 345037	54.66 0.29 0.00	41.85 0.00 0.00	37.62 -0.07 0.00	34.47 -0.16 0.00	32.90 -0.16 0.00	36.63 -0.10 0.00	40.83 -0.04 0.00	50.62 0.18 0.00	45.54 -0.10 0.00	42.07 -0.14 0.00	48.70 -0.20 0.00	47.85 -0.48 0.00	50.95 -0.34 0.00	51.05 -0.21 0.00	48.79 -0.54 0.00	49.76 -0.56 0.00	44.20 -0.56 0.00	50.24 -0.47 0.00	67.84 -0.27 0.00	64.34 -0.40 0.00	63.93 -0.16 0.00	56.25 0.10 0.00	49.47 0.00 0.00	37.50 -0.09 0.00
ST_LAW_115_BK8_LBMP 345038	54.66 0.29 0.00	41.85 0.00 0.00	37.62 -0.07 0.00	34.47 -0.16 0.00	32.90 -0.16 0.00	36.63 -0.10 0.00	40.83 -0.04 0.00	50.62 0.18 0.00	45.54 -0.10 0.00	42.07 -0.14 0.00	48.70 -0.20 0.00	47.85 -0.48 0.00	50.95 -0.34 0.00	51.05 -0.21 0.00	48.79 -0.54 0.00	49.76 -0.56 0.00	44.20 -0.56 0.00	50.24 -0.47 0.00	67.84 -0.27 0.00	64.34 -0.40 0.00	63.93 -0.16 0.00	56.25 0.10 0.00	49.47 0.00 0.00	37.50 -0.09 0.00
ST_LAW_230_BK5_LBMP 345035	54.62 0.24 0.00	41.84 -0.01 0.00	37.61 -0.08 0.00	34.47 -0.16 0.00	32.90 -0.16 0.00	36.62 -0.10 0.00	40.82 -0.06 0.00	50.60 0.16 0.00	45.55 -0.09 0.00	42.09 -0.12 0.00	48.71 -0.19 0.00	47.90 -0.43 0.00	50.98 -0.31 0.00	51.06 -0.20 0.00	48.83 -0.50 0.00	49.81 -0.51 0.00	44.24 -0.52 0.00	50.28 -0.43 0.00	67.86 -0.25 0.00	64.37 -0.37 0.00	63.93 -0.16 0.00	56.22 0.08 0.00	49.45 -0.02 0.00	37.49 -0.10 0.00
ST_LAW_230_BK6_LBMP 345036	54.62 0.24 0.00	41.84 -0.01 0.00	37.61 -0.08 0.00	34.47 -0.16 0.00	32.90 -0.16 0.00	36.62 -0.10 0.00	40.82 -0.06 0.00	50.60 0.16 0.00	45.55 -0.09 0.00	42.09 -0.12 0.00	48.71 -0.19 0.00	47.90 -0.43 0.00	50.98 -0.31 0.00	51.06 -0.20 0.00	48.83 -0.50 0.00	49.81 -0.51 0.00	44.24 -0.52 0.00	50.28 -0.43 0.00	67.86 -0.25 0.00	64.37 -0.37 0.00	63.93 -0.16 0.00	56.22 0.08 0.00	49.45 -0.02 0.00	37.49 -0.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	56.68 2.31 0.00	43.75 1.90 0.00	39.34 1.65 0.00	36.18 1.55 0.00	34.52 1.45 0.00	38.11 1.39 0.00	42.41 1.54 0.00	49.89 1.68 2.23	42.67 1.87 4.83	38.82 1.92 5.31	50.63 2.57 0.85	51.27 2.79 -0.15	54.23 2.94 0.00	54.19 2.93 0.00	52.63 3.20 -0.10	53.47 3.15 0.00	48.22 2.87 -0.59	53.74 3.04 0.00	71.63 3.52 0.00	68.18 3.43 0.00	67.04 2.95 0.00	58.49 2.35 0.00	51.73 2.26 0.00	39.36 1.77 0.00
SWANROAD_115KV_TB1 355699	51.40 -2.97 0.00	39.77 -2.08 0.00	35.68 -2.01 0.00	32.87 -1.77 0.00	31.54 -1.52 0.00	35.39 -1.34 0.00	38.73 -2.14 0.00	46.65 -3.78 0.00	42.38 -3.26 0.00	39.60 -2.62 0.00	45.68 -3.22 0.00	44.26 -4.07 0.00	47.99 -3.30 0.00	47.52 -3.73 0.00	45.00 -4.34 0.00	45.87 -4.46 0.00	40.82 -3.94 0.00	47.20 -3.51 0.00	62.71 -5.40 0.00	59.90 -4.84 0.00	59.37 -4.72 0.00	51.69 -4.45 0.00	45.61 -3.86 0.00	35.55 -2.04 0.00
SYNERGY___BIOGAS 323694	53.68 -0.69 0.00	41.41 -0.44 0.00	37.14 -0.56 0.00	34.18 -0.45 0.00	32.80 -0.27 0.00	36.83 0.11 0.00	40.54 -0.34 0.00	49.19 -1.25 0.00	44.76 -0.88 0.00	41.90 -0.31 0.00	47.99 -0.91 0.00	46.74 -1.59 0.00	50.42 -0.87 0.00	50.00 -1.26 0.00	47.60 -1.73 0.00	48.46 -1.87 0.00	43.18 -1.58 0.00	49.74 -0.97 0.00	66.45 -1.66 0.00	63.89 -0.85 0.00	63.51 -0.58 0.00	55.32 -0.82 0.00	48.56 -0.91 0.00	37.41 -0.18 0.00
SYRACUSE___ENERGY_ST1 323597	54.85 -0.59 -1.07	41.48 -0.37 0.00	37.38 -0.32 0.00	34.38 -0.25 0.00	32.87 -0.19 0.00	36.58 -0.14 0.00	40.75 -0.19 -0.06	50.81 -0.48 -0.86	45.22 -0.43 -0.01	41.81 -0.40 0.00	48.37 -0.52 0.00	47.71 -0.62 0.00	50.73 -0.56 0.00	50.66 -0.60 0.00	48.75 -0.57 0.00	49.78 -0.54 0.00	44.34 -0.42 0.00	50.42 -0.28 0.00	67.89 -0.56 -0.35	64.73 -0.30 -0.29	64.28 -0.35 -0.54	55.76 -0.37 0.00	49.07 -0.40 0.00	37.32 -0.26 0.00
SYRACUSE___ENERGY_ST2 323598	54.85 -0.59 -1.07	41.48 -0.37 0.00	37.38 -0.32 0.00	34.38 -0.25 0.00	32.87 -0.19 0.00	36.58 -0.14 0.00	40.75 -0.19 -0.06	50.81 -0.48 -0.86	45.22 -0.43 -0.01	41.81 -0.40 0.00	48.37 -0.52 0.00	47.71 -0.62 0.00	50.73 -0.56 0.00	50.66 -0.60 0.00	48.75 -0.57 0.00	49.78 -0.54 0.00	44.34 -0.42 0.00	50.42 -0.28 0.00	67.89 -0.56 -0.35	64.73 -0.30 -0.29	64.28 -0.35 -0.54	55.76 -0.37 0.00	49.07 -0.40 0.00	37.32 -0.26 0.00
SYRACUSE___POWER 24017	54.46 -0.62 -0.71	41.44 -0.41 0.00	37.36 -0.34 0.00	34.36 -0.27 0.00	32.85 -0.21 0.00	36.56 -0.16 0.00	40.68 -0.22 -0.02	50.10 -0.51 -0.17	45.16 -0.48 0.00	41.76 -0.45 0.00	48.29 -0.61 0.00	47.66 -0.67 0.00	50.71 -0.58 0.00	50.63 -0.64 0.00	48.74 -0.59 0.00	49.76 -0.56 0.00	44.30 -0.46 0.00	50.37 -0.34 0.00	67.48 -0.63 0.00	64.38 -0.36 0.00	63.67 -0.42 0.00	55.69 -0.45 0.00	49.00 -0.47 0.00	37.27 -0.32 0.00
TALLMAN_138KV_BK151 55660	57.02 2.65 0.00	44.03 2.17 0.00	39.56 1.87 0.00	36.40 1.76 0.00	34.71 1.65 0.00	38.29 1.57 0.00	42.63 1.75 0.00	49.37 1.91 2.99	41.35 2.18 6.47	37.36 2.26 7.11	50.81 3.05 1.13	51.84 3.31 -0.20	54.78 3.49 0.00	54.76 3.50 0.00	53.25 3.78 -0.14	54.08 3.76 0.00	48.96 3.40 -0.81	54.29 3.59 0.00	72.24 4.13 0.00	68.75 4.00 0.00	67.48 3.39 0.00	58.85 2.71 0.00	52.13 2.66 0.00	39.67 2.09 0.00
TEALLAVE_115KV_TB7 355573	53.99 -0.97 -0.59	41.18 -0.67 0.00	37.14 -0.55 0.00	34.17 -0.47 0.00	32.66 -0.41 0.00	36.36 -0.37 0.00	40.45 -0.44 -0.02	49.83 -0.77 -0.16	44.96 -0.68 0.00	41.59 -0.62 0.00	48.08 -0.81 0.00	47.47 -0.86 0.00	50.47 -0.82 0.00	50.40 -0.86 0.00	48.52 -0.81 0.00	49.53 -0.79 0.00	44.13 -0.63 0.00	50.14 -0.56 0.00	67.16 -0.95 0.00	64.03 -0.72 0.00	63.31 -0.78 0.00	55.39 -0.76 0.00	48.74 -0.73 0.00	37.09 -0.50 0.00
TELGRAPH_34_KV_EAST 80808	52.48 -1.89 0.00	40.55 -1.30 0.00	36.38 -1.32 0.00	33.50 -1.14 0.00	32.14 -0.92 0.00	36.07 -0.66 0.00	39.64 -1.23 0.00	47.96 -2.48 0.00	43.49 -2.15 0.00	40.53 -1.68 0.00	46.76 -2.13 0.00	45.42 -2.91 0.00	49.15 -2.14 0.00	48.70 -2.57 0.00	46.21 -3.12 0.00	47.08 -3.25 0.00	41.92 -2.84 0.00	48.43 -2.28 0.00	64.45 -3.66 0.00	61.67 -3.07 0.00	61.15 -2.93 0.00	53.23 -2.91 0.00	46.85 -2.61 0.00	36.33 -1.26 0.00
TEMPLE___115KV_TB 2 55572	54.01 -0.95 -0.58	41.19 -0.66 0.00	37.15 -0.55 0.00	34.18 -0.46 0.00	32.67 -0.39 0.00	36.37 -0.36 0.00	40.45 -0.44 -0.02	49.81 -0.77 -0.13	44.97 -0.67 0.00	41.60 -0.61 0.00	48.09 -0.81 0.00	47.48 -0.85 0.00	50.50 -0.79 0.00	50.42 -0.84 0.00	48.54 -0.79 0.00	49.56 -0.77 0.00	44.15 -0.61 0.00	50.16 -0.54 0.00	67.18 -0.93 0.00	64.05 -0.69 0.00	63.32 -0.77 0.00	55.40 -0.74 0.00	48.74 -0.73 0.00	37.09 -0.50 0.00
TIANA___69_KV_BK 1 55817	59.14 4.39 -0.37	47.15 4.03 -1.26	40.96 3.27 0.00	37.67 3.03 0.00	35.82 2.75 0.00	39.31 2.58 0.00	44.29 3.42 0.00	56.59 3.92 -2.24	54.53 4.05 -4.85	51.60 4.06 -5.33	55.84 5.24 -1.71	55.95 5.60 -2.02	57.09 5.35 -0.45	56.78 5.34 -0.18	68.18 5.66 -13.19	169.20 5.74 -113.14	54.03 5.00 -4.27	55.97 5.26 -0.01	74.26 6.14 0.00	70.30 5.56 0.00	68.86 4.77 0.00	60.06 3.96 0.04	54.02 4.55 0.00	40.94 3.35 0.00

TILDEN___115KV_TB1 80814	54.46 -0.62 -0.71	41.44 -0.41 0.00	37.36 -0.34 0.00	34.36 -0.27 0.00	32.85 -0.21 0.00	36.56 -0.16 0.00	40.68 -0.22 -0.02	50.10 -0.51 -0.17	45.16 -0.48 0.00	41.76 -0.45 0.00	48.29 -0.61 0.00	47.66 -0.67 0.00	50.71 -0.58 0.00	50.63 -0.64 0.00	48.74 -0.59 0.00	49.76 -0.56 0.00	44.30 -0.46 0.00	50.37 -0.34 0.00	67.48 -0.63 0.00	64.38 -0.36 0.00	63.67 -0.42 0.00	55.69 -0.45 0.00	49.00 -0.47 0.00	37.27 -0.32 0.00
TRIGEN___CC 323695	58.40 3.65 -0.38	46.87 3.16 -1.86	40.33 2.63 0.00	37.03 2.39 0.00	35.26 2.20 0.00	38.88 2.16 0.00	43.42 2.55 0.00	55.60 2.93 -2.24	53.60 3.12 -4.85	50.67 3.14 -5.33	54.67 4.05 -1.72	54.88 4.28 -2.27	59.12 4.26 -3.56	55.80 4.20 -0.35	67.28 4.54 -13.41	64.64 4.47 -9.84	55.14 3.88 -6.50	54.74 4.04 0.00	72.75 4.64 0.00	69.08 4.33 0.00	67.82 3.73 0.00	59.29 3.15 0.00	52.89 3.43 0.00	40.21 2.62 0.00
TRINITY___115KV___4 BK 55933	55.07 0.70 0.00	42.67 0.82 0.00	38.52 0.83 0.00	35.48 0.85 0.00	33.90 0.84 0.00	37.49 0.77 0.00	41.52 0.65 0.00	51.02 0.58 0.00	46.19 0.55 0.00	42.66 0.44 0.00	49.38 0.48 0.00	48.94 0.63 0.02	51.79 0.50 0.00	51.78 0.52 0.00	50.05 0.73 0.01	51.07 0.75 0.00	45.39 0.70 0.07	51.42 0.71 0.00	68.89 0.78 0.00	65.61 0.86 0.00	64.91 0.82 0.00	56.66 0.52 0.00	49.94 0.47 0.00	38.15 0.56 0.00
UNION___PROCESSING_DRP 323587	53.19 -1.18 0.00	41.01 -0.84 0.00	36.84 -0.86 0.00	33.90 -0.74 0.00	32.47 -0.59 0.00	36.44 -0.28 0.00	40.40 -0.47 0.00	49.43 -1.01 0.00	44.88 -0.76 0.00	41.72 -0.50 0.00	48.22 -0.68 0.00	47.24 -1.09 0.00	50.62 -0.67 0.00	50.37 -0.89 0.00	48.14 -1.20 0.00	49.11 -1.21 0.00	43.74 -1.02 0.00	50.13 -0.58 0.00	67.04 -1.07 0.00	64.04 -0.71 0.00	63.36 -0.73 0.00	55.24 -0.90 0.00	48.53 -0.94 0.00	37.15 -0.44 0.00
UPPER HUDSON___HYD 24058	56.74 2.37 0.00	44.05 2.20 0.00	39.61 1.92 0.00	36.40 1.77 0.00	34.78 1.72 0.00	38.50 1.78 0.00	42.91 2.03 0.00	52.67 2.24 0.00	47.50 1.86 0.00	43.57 1.36 0.00	50.20 1.30 0.00	49.81 1.50 0.02	52.77 1.48 0.00	52.62 1.36 0.00	50.86 1.54 0.01	51.97 1.64 0.00	46.23 1.54 0.06	52.77 2.07 0.00	71.21 3.10 0.00	67.79 3.05 0.00	67.17 3.08 0.00	58.65 2.51 0.00	51.55 2.08 0.00	39.20 1.61 0.00
UPPER RAQUET___HYD 24056	55.97 1.44 -0.16	42.66 0.81 0.00	38.26 0.57 0.00	35.07 0.43 0.00	33.49 0.43 0.00	37.31 0.59 0.00	41.62 0.75 0.00	51.51 1.07 0.00	46.14 0.50 0.00	42.49 0.28 0.00	49.12 0.22 0.00	48.08 -0.25 0.00	51.35 0.06 0.00	51.47 0.20 0.00	48.90 -0.43 0.00	49.65 -0.67 0.00	44.13 -0.63 0.00	50.24 -0.46 0.00	68.05 -0.06 0.00	64.95 0.20 0.00	64.85 0.76 0.00	57.49 1.35 0.00	50.63 1.16 0.00	38.35 0.76 0.00
VALLEY44_115KV_TB2 355964	52.53 -1.84 0.00	40.52 -1.33 0.00	36.43 -1.26 0.00	33.63 -1.00 0.00	32.27 -0.80 0.00	36.12 -0.60 0.00	39.96 -0.92 0.00	48.65 -1.79 0.00	44.39 -1.25 0.00	41.39 -0.82 0.00	47.91 -0.99 0.00	46.57 -1.76 0.00	50.62 -0.67 0.00	50.05 -1.21 0.00	47.67 -1.67 0.00	48.41 -1.91 0.00	42.96 -1.80 0.00	49.55 -1.15 0.00	65.80 -2.31 0.00	62.87 -1.87 0.00	62.15 -1.94 0.00	54.17 -1.97 0.00	47.83 -1.63 0.00	36.92 -0.67 0.00
VALLEY___115KV_TB 1-4 80826	55.07 0.70 0.00	42.62 0.77 0.00	38.46 0.76 0.00	35.36 0.73 0.00	33.78 0.71 0.00	37.46 0.74 0.00	41.48 0.60 0.00	50.91 0.47 0.00	45.98 0.34 0.00	42.25 0.04 0.00	48.78 -0.12 0.00	48.49 0.16 0.00	51.21 -0.08 0.00	51.13 -0.13 0.00	49.50 0.17 0.00	50.62 0.30 0.00	45.03 0.27 0.00	51.00 0.29 0.00	68.76 0.65 0.00	65.79 1.05 0.00	65.34 1.25 0.00	56.86 0.72 0.00	50.01 0.54 0.00	37.98 0.39 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	56.54 1.96 -0.20	43.43 1.57 0.00	39.19 1.50 0.00	36.01 1.38 0.00	34.39 1.33 0.00	38.17 1.44 0.00	42.48 1.61 0.00	52.14 1.71 0.00	47.27 1.63 0.00	43.88 1.67 0.00	50.92 2.02 0.00	50.43 2.09 -0.01	53.61 2.32 0.00	53.45 2.19 0.00	51.60 2.26 -0.01	52.52 2.20 0.00	46.82 2.02 -0.04	53.11 2.40 0.00	71.05 2.94 0.00	67.73 2.99 0.00	66.79 2.70 0.00	58.33 2.19 0.00	51.33 1.86 0.00	38.98 1.40 0.00
VISCHER___FERRY HYD 24020	56.01 1.64 0.00	43.47 1.62 0.00	39.13 1.44 0.00	36.02 1.39 0.00	34.41 1.35 0.00	38.09 1.37 0.00	42.26 1.38 0.00	51.91 1.47 0.00	46.90 1.26 0.00	43.22 1.00 0.00	50.02 1.12 0.00	49.57 1.26 0.02	52.47 1.18 0.00	52.46 1.20 0.00	50.71 1.38 0.01	51.74 1.42 0.00	45.96 1.27 0.07	52.20 1.49 0.00	70.07 1.96 0.00	66.75 2.00 0.00	66.15 2.06 0.00	57.70 1.56 0.00	50.80 1.33 0.00	38.79 1.20 0.00
V_A_10_SYNC_DSASP 323832	51.95 -2.42 0.00	40.15 -1.71 0.00	36.05 -1.64 0.00	33.21 -1.43 0.00	31.84 -1.23 0.00	35.63 -1.10 0.00	39.26 -1.62 0.00	47.65 -2.79 0.00	43.34 -2.31 0.00	40.43 -1.78 0.00	46.73 -2.16 0.00	45.43 -2.89 0.00	49.11 -2.18 0.00	48.67 -2.59 0.00	46.24 -3.09 0.00	47.16 -3.16 0.00	41.93 -2.83 0.00	48.37 -2.34 0.00	64.32 -3.79 0.00	61.39 -3.36 0.00	60.79 -3.30 0.00	52.95 -3.18 0.00	46.66 -2.81 0.00	36.09 -1.50 0.00
V_CMM_10_SYNC_DSASP 323787	54.94 0.57 0.00	42.07 0.22 0.00	37.82 0.12 0.00	34.65 0.02 0.00	33.07 0.01 0.00	36.81 0.09 0.00	41.04 0.17 0.00	50.87 0.43 0.00	45.76 0.12 0.00	42.28 0.07 0.00	48.93 0.04 0.00	48.03 -0.30 0.00	51.20 -0.09 0.00	51.29 0.03 0.00	49.04 -0.30 0.00	50.02 -0.31 0.00	44.43 -0.33 0.00	50.51 -0.19 0.00	68.18 0.07 0.00	64.70 -0.04 0.00	64.27 0.18 0.00	56.53 0.39 0.00	49.72 0.25 0.00	37.70 0.11 0.00
V_CMP_10_SYNC_DSASP 323788	55.74 1.37 0.00	42.94 1.09 0.00	38.55 0.86 0.00	35.28 0.64 0.00	33.64 0.58 0.00	37.33 0.61 0.00	41.87 0.99 0.00	52.24 1.81 0.00	46.88 1.24 0.00	43.28 1.07 0.00	50.09 1.19 0.00	49.17 0.84 0.00	52.46 1.17 0.00	52.57 1.31 0.00	50.38 1.05 0.00	51.41 1.08 0.00	45.56 0.79 0.00	51.99 1.29 0.00	69.77 1.66 0.00	66.52 1.78 0.00	66.29 2.20 0.00	57.90 1.76 0.00	51.03 1.56 0.00	38.82 1.24 0.00
V_D_10_SYNC_DSASP 323841	55.30 0.93 0.00	42.34 0.49 0.00	38.04 0.34 0.00	34.86 0.22 0.00	33.28 0.21 0.00	37.05 0.33 0.00	41.30 0.43 0.00	51.17 0.73 0.00	45.99 0.35 0.00	42.46 0.25 0.00	49.13 0.23 0.00	48.17 -0.16 0.00	51.39 0.10 0.00	51.50 0.23 0.00	49.14 -0.19 0.00	50.14 -0.18 0.00	44.54 -0.21 0.00	50.66 -0.04 0.00	68.45 0.34 0.00	65.01 0.27 0.00	64.64 0.55 0.00	56.93 0.79 0.00	50.07 0.60 0.00	37.95 0.36 0.00
V_E_10_SYNC_DSASP 323830	58.39 3.58 -0.44	44.62 2.77 0.00	40.09 2.39 0.00	36.86 2.23 0.00	35.24 2.18 0.00	39.39 2.66 0.00	43.77 2.90 0.00	53.68 3.24 0.00	48.66 3.02 0.00	44.65 2.44 0.00	51.50 2.60 0.00	50.66 2.33 0.00	53.94 2.65 0.00	53.42 2.16 0.00	51.29 1.96 0.00	52.27 1.95 0.00	46.81 2.05 0.00	53.72 3.02 0.00	72.33 4.21 0.00	69.79 5.05 0.00	69.17 5.08 0.00	60.23 4.09 0.00	52.41 2.94 0.00	39.66 2.07 0.00

V_F_30_NSYNC___DSASP 323816	56.77 2.39 0.00	43.97 2.12 0.00	39.59 1.90 0.00	36.40 1.77 0.00	34.78 1.71 0.00	38.54 1.81 0.00	42.85 1.98 0.00	52.62 2.19 0.00	47.49 1.85 0.00	43.67 1.46 0.00	50.52 1.63 0.00	50.07 1.75 0.02	53.02 1.72 0.00	52.94 1.68 0.00	51.16 1.84 0.01	52.22 1.90 0.00	46.46 1.77 0.06	52.90 2.19 0.00	71.14 3.03 0.00	67.85 3.11 0.00	67.22 3.13 0.00	58.61 2.47 0.00	51.57 2.10 0.00	39.28 1.69 0.00
V_F_30_SYNC_DSASP 323786	55.33 0.96 0.00	42.85 1.00 0.00	38.67 0.98 0.00	35.62 0.99 0.00	34.04 0.97 0.00	37.65 0.92 0.00	41.70 0.82 0.00	51.26 0.82 0.00	46.42 0.78 0.00	42.87 0.66 0.00	49.65 0.75 0.00	49.19 0.88 0.02	52.06 0.77 0.00	52.09 0.83 0.00	50.33 1.01 0.01	51.37 1.05 0.00	45.66 0.97 0.07	51.73 1.02 0.00	69.30 1.19 0.00	66.00 1.26 0.00	65.25 1.16 0.00	56.95 0.81 0.00	50.16 0.70 0.00	38.32 0.73 0.00
V_XM_10_SYNC_DSASP 323789	55.74 1.37 0.00	42.94 1.09 0.00	38.55 0.86 0.00	35.28 0.64 0.00	33.64 0.58 0.00	37.33 0.61 0.00	41.87 0.99 0.00	52.24 1.81 0.00	46.88 1.24 0.00	43.28 1.07 0.00	50.09 1.19 0.00	49.17 0.84 0.00	52.46 1.17 0.00	52.57 1.31 0.00	50.38 1.05 0.00	51.41 1.08 0.00	45.56 0.79 0.00	51.99 1.29 0.00	69.77 1.66 0.00	66.52 1.78 0.00	66.29 2.20 0.00	57.90 1.76 0.00	51.03 1.56 0.00	38.82 1.24 0.00
W.BABYLN_69_KV_BK1 56697	59.51 4.76 -0.37	47.43 4.19 -1.38	41.18 3.48 0.00	37.75 3.11 0.00	35.91 2.84 0.00	39.55 2.83 0.00	44.25 3.37 0.00	56.69 4.01 -2.24	54.58 4.10 -4.85	51.56 4.03 -5.33	55.74 5.13 -1.71	55.78 5.39 -2.06	57.51 5.22 -0.99	56.65 5.18 -0.21	63.06 5.49 -8.23	98.49 5.54 -42.62	54.02 4.70 -4.56	55.55 4.85 0.00	73.81 5.70 0.00	69.95 5.20 0.00	68.75 4.66 0.00	60.15 4.04 0.02	53.96 4.49 0.00	40.96 3.38 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	57.24 2.87 0.00	44.19 2.34 0.00	39.72 2.02 0.00	36.54 1.90 0.00	34.86 1.80 0.00	38.46 1.73 0.00	42.80 1.93 0.00	49.35 2.14 3.23	41.01 2.38 7.00	36.98 2.46 7.69	50.93 3.25 1.23	52.06 3.51 -0.22	55.01 3.72 0.00	55.00 3.73 0.00	53.51 4.02 -0.15	54.30 3.98 0.00	49.26 3.62 -0.88	54.54 3.84 0.00	72.57 4.46 0.00	69.06 4.31 0.00	67.79 3.70 0.00	59.10 2.96 0.00	52.33 2.86 0.00	39.82 2.24 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	57.63 3.26 0.00	44.59 2.73 0.00	40.05 2.36 0.00	36.81 2.18 0.00	35.10 2.04 0.00	38.74 2.02 0.00	43.23 2.35 0.00	55.42 2.73 -2.25	53.51 3.00 -4.88	50.63 3.06 -5.36	53.71 3.96 -0.85	52.86 4.19 -0.34	55.55 4.26 0.00	55.55 4.29 0.00	54.15 4.59 -0.23	54.85 4.53 0.00	50.23 4.13 -1.34	54.95 4.25 0.00	72.89 4.78 0.00	69.32 4.57 0.00	68.02 3.93 0.00	59.33 3.19 0.00	52.71 3.24 0.00	40.15 2.56 0.00
W50THST__13_KV_LOAD 356117	57.93 3.55 0.00	44.85 3.00 0.00	40.31 2.62 0.00	37.04 2.40 0.00	35.31 2.24 0.00	38.99 2.27 0.00	43.56 2.68 0.00	55.87 3.18 -2.25	53.94 3.43 -4.88	51.05 3.49 -5.36	54.20 4.45 -0.85	53.35 4.68 -0.34	56.08 4.79 0.00	56.09 4.83 0.00	54.66 5.10 -0.23	55.36 5.03 0.00	50.68 4.58 -1.34	55.41 4.70 0.00	73.37 5.26 0.00	69.70 4.95 0.00	68.39 4.30 0.00	59.68 3.54 0.00	53.04 3.57 0.00	40.40 2.81 0.00
WADING RIVER_IC_1 23522	58.34 3.60 -0.37	46.49 3.38 -1.26	40.44 2.75 0.00	37.22 2.58 0.00	35.39 2.33 0.00	38.79 2.07 0.00	43.72 2.84 0.00	55.77 3.09 -2.24	53.74 3.25 -4.85	50.78 3.24 -5.33	54.85 4.24 -1.71	54.93 4.57 -2.02	55.92 4.19 -0.44	55.68 4.24 -0.18	67.11 4.63 -13.15	167.83 4.67 -112.83	53.05 4.02 -4.27	54.87 4.15 -0.01	72.87 4.76 0.00	69.06 4.31 0.00	67.67 3.58 0.00	59.01 2.91 0.04	53.13 3.66 0.00	40.29 2.70 0.00
WADING RIVER_IC_2 23547	58.34 3.60 -0.37	46.49 3.38 -1.26	40.44 2.75 0.00	37.22 2.58 0.00	35.39 2.33 0.00	38.79 2.07 0.00	43.72 2.84 0.00	55.77 3.09 -2.24	53.74 3.25 -4.85	50.78 3.24 -5.33	54.85 4.24 -1.71	54.93 4.57 -2.02	55.92 4.19 -0.44	55.68 4.24 -0.18	67.11 4.63 -13.15	167.83 4.67 -112.83	53.05 4.02 -4.27	54.87 4.15 -0.01	72.87 4.76 0.00	69.06 4.31 0.00	67.67 3.58 0.00	59.01 2.91 0.04	53.13 3.66 0.00	40.29 2.70 0.00
WADING RIVER_IC_3 23601	58.34 3.60 -0.37	46.49 3.38 -1.26	40.44 2.75 0.00	37.22 2.58 0.00	35.39 2.33 0.00	38.79 2.07 0.00	43.72 2.84 0.00	55.77 3.09 -2.24	53.74 3.25 -4.85	50.78 3.24 -5.33	54.85 4.24 -1.71	54.93 4.57 -2.02	55.92 4.19 -0.44	55.68 4.24 -0.18	67.11 4.63 -13.15	167.83 4.67 -112.83	53.05 4.02 -4.27	54.87 4.15 -0.01	72.87 4.76 0.00	69.06 4.31 0.00	67.67 3.58 0.00	59.01 2.91 0.04	53.13 3.66 0.00	40.29 2.70 0.00
WALDENNY_12_KV_BK2 80841	52.38 -1.99 0.00	40.47 -1.39 0.00	36.31 -1.38 0.00	33.48 -1.16 0.00	32.11 -0.95 0.00	36.01 -0.71 0.00	39.66 -1.22 0.00	48.04 -2.40 0.00	43.75 -1.89 0.00	40.85 -1.36 0.00	47.28 -1.62 0.00	45.92 -2.41 0.00	49.80 -1.49 0.00	49.26 -2.00 0.00	46.79 -2.55 0.00	47.66 -2.67 0.00	42.40 -2.36 0.00	49.01 -1.70 0.00	65.10 -3.01 0.00	62.20 -2.54 0.00	61.55 -2.54 0.00	53.51 -2.63 0.00	47.10 -2.37 0.00	36.48 -1.11 0.00
WALDEN___HYDRO 24148	57.00 2.63 0.00	44.00 2.15 0.00	39.55 1.86 0.00	36.38 1.74 0.00	34.69 1.63 0.00	38.30 1.58 0.00	42.69 1.81 0.00	52.03 2.18 0.58	46.70 2.32 1.26	43.15 2.32 1.38	51.68 3.01 0.22	51.61 3.25 -0.03	54.67 3.37 0.00	54.60 3.34 0.00	52.90 3.54 -0.02	53.83 3.51 0.00	48.10 3.21 -0.13	54.19 3.49 0.00	72.25 4.14 0.00	68.77 4.02 0.00	67.64 3.55 0.00	58.96 2.82 0.00	52.11 2.65 0.00	39.62 2.03 0.00
WARRENSBURG____ 23737	56.74 2.37 0.00	44.05 2.20 0.00	39.61 1.92 0.00	36.40 1.77 0.00	34.78 1.72 0.00	38.50 1.78 0.00	42.91 2.03 0.00	52.68 2.24 0.00	47.50 1.86 0.00	43.57 1.36 0.00	50.20 1.30 0.00	49.82 1.50 0.02	52.77 1.48 0.00	52.62 1.36 0.00	50.86 1.54 0.01	51.97 1.65 0.00	46.23 1.54 0.06	52.77 2.06 0.00	71.21 3.10 0.00	67.80 3.06 0.00	67.18 3.09 0.00	58.65 2.51 0.00	51.55 2.08 0.00	39.20 1.62 0.00
WATERSIDE___6 8 9 23538	57.47 3.10 0.00	44.44 2.59 0.00	39.97 2.28 0.00	36.70 2.07 0.00	35.00 1.94 0.00	38.67 1.95 0.00	43.22 2.34 0.00	55.38 2.69 -2.24	53.48 2.98 -4.86	50.59 3.04 -5.34	53.64 3.89 -0.85	52.87 4.20 -0.34	55.48 4.19 0.00	55.33 4.07 0.00	54.02 4.45 -0.23	54.71 4.39 0.00	50.14 4.03 -1.34	54.58 3.88 0.00	72.35 4.24 0.00	68.97 4.22 0.00	67.69 3.60 0.00	59.19 3.04 0.00	52.68 3.21 0.00	40.18 2.60 0.00
WATKINRD_115KV_LN8_ILLION 55919	54.84 0.47 0.00	42.38 0.53 0.00	38.24 0.54 0.00	35.15 0.52 0.00	33.57 0.51 0.00	37.24 0.51 0.00	41.31 0.43 0.00	50.74 0.30 0.00	45.86 0.22 0.00	42.22 0.01 0.00	48.78 -0.12 0.00	48.43 0.10 0.00	51.22 -0.07 0.00	51.15 -0.11 0.00	49.47 0.13 0.00	50.54 0.22 0.00	44.97 0.20 0.00	50.91 0.20 0.00	68.56 0.45 0.00	65.48 0.73 0.00	64.98 0.89 0.00	56.65 0.51 0.00	49.85 0.39 0.00	37.88 0.29 0.00

WDELAWARE___HYD 323627	55.52 1.15 0.00	42.77 0.92 0.00	38.44 0.74 0.00	35.31 0.68 0.00	33.68 0.62 0.00	37.20 0.48 0.00	41.44 0.57 0.00	50.51 0.59 0.52	45.30 0.79 1.13	41.86 0.89 1.24	50.12 1.42 0.20	49.93 1.57 -0.03	52.97 1.68 0.00	52.94 1.68 0.00	51.22 1.87 -0.02	52.16 1.83 0.00	46.62 1.74 -0.12	52.63 1.93 0.00	70.32 2.21 0.00	67.03 2.28 0.00	65.87 1.78 0.00	57.40 1.26 0.00	50.67 1.20 0.00	38.46 0.87 0.00
WEST BABYLON___IC 23714	59.51 4.76 -0.37	47.43 4.19 -1.38	41.18 3.48 0.00	37.75 3.11 0.00	35.91 2.84 0.00	39.55 2.83 0.00	44.25 3.37 0.00	56.69 4.01 -2.24	54.58 4.10 -4.85	51.56 4.03 -5.33	55.74 5.13 -1.71	55.78 5.39 -2.06	57.51 5.22 -0.99	56.65 5.18 -0.21	63.06 5.49 -8.23	98.49 5.54 -42.62	54.02 4.70 -4.56	55.55 4.85 0.00	73.81 5.70 0.00	69.95 5.20 0.00	68.75 4.66 0.00	60.15 4.04 0.02	53.96 4.49 0.00	40.96 3.38 0.00
WEST CANADA___HYD 24049	54.48 0.11 0.00	42.02 0.17 0.00	37.85 0.15 0.00	34.81 0.17 0.00	33.23 0.16 0.00	36.89 0.17 0.00	41.04 0.16 0.00	50.54 0.10 0.00	45.75 0.11 0.00	42.29 0.09 0.00	48.99 0.09 0.00	48.47 0.14 0.00	51.40 0.10 0.00	51.37 0.10 0.00	49.53 0.19 0.00	50.53 0.20 0.00	44.94 0.18 0.00	50.88 0.18 0.00	68.28 0.17 0.00	65.01 0.26 0.00	64.34 0.25 0.00	56.31 0.17 0.00	49.62 0.16 0.00	37.74 0.15 0.00
WESTERN_NY_WIND 24143	53.59 -0.78 0.00	41.36 -0.49 0.00	37.08 -0.62 0.00	34.14 -0.49 0.00	32.75 -0.31 0.00	36.77 0.05 0.00	40.46 -0.42 0.00	49.08 -1.36 0.00	44.68 -0.96 0.00	41.83 -0.38 0.00	47.89 -1.01 0.00	46.64 -1.70 0.00	50.32 -0.98 0.00	49.90 -1.36 0.00	47.50 -1.83 0.00	48.33 -1.99 0.00	43.09 -1.67 0.00	49.64 -1.07 0.00	66.28 -1.82 0.00	63.76 -0.98 0.00	63.39 -0.70 0.00	55.21 -0.93 0.00	48.46 -1.01 0.00	37.35 -0.24 0.00
WESTOVER___LESR 323668	54.51 -0.27 -0.41	41.76 -0.10 0.00	37.61 -0.09 0.00	34.65 0.02 0.00	33.12 0.06 0.00	36.90 0.18 0.00	41.01 0.14 0.00	50.20 -0.24 0.00	45.51 -0.13 0.00	42.20 -0.01 0.00	48.94 0.04 0.00	48.21 -0.12 0.00	51.55 0.26 0.00	51.32 0.06 0.00	49.41 0.08 0.00	50.30 -0.03 0.00	44.78 0.02 0.00	50.94 0.23 0.00	68.16 0.05 0.00	65.04 0.29 0.00	64.18 0.09 0.00	56.07 -0.08 0.00	49.35 -0.12 0.00	37.62 0.03 0.00
WETHRSFD_WT_PWR 323626	51.92 -2.46 0.00	40.13 -1.72 0.00	36.05 -1.65 0.00	33.34 -1.30 0.00	32.05 -1.02 0.00	35.95 -0.77 0.00	39.74 -1.14 0.00	48.19 -2.25 0.00	43.88 -1.76 0.00	40.79 -1.42 0.00	47.07 -1.83 0.00	45.86 -2.47 0.00	49.52 -1.77 0.00	48.90 -2.36 0.00	46.59 -2.74 0.00	47.34 -2.98 0.00	42.09 -2.67 0.00	48.50 -2.20 0.00	64.64 -3.47 0.00	62.11 -2.64 0.00	61.75 -2.34 0.00	53.80 -2.34 0.00	47.39 -2.08 0.00	36.58 -1.01 0.00
WHAVSTOR_138KV_BK127 55557	56.92 2.55 0.00	43.96 2.12 0.00	39.52 1.83 0.00	36.36 1.73 0.00	34.69 1.63 0.00	38.26 1.54 0.00	42.59 1.71 0.00	49.02 1.86 3.28	40.63 2.10 7.11	36.58 2.19 7.82	50.58 2.93 1.25	51.73 3.17 -0.23	54.62 3.33 0.00	54.59 3.32 0.00	53.11 3.63 -0.15	53.90 3.57 0.00	48.90 3.24 -0.89	54.10 3.40 0.00	72.00 3.89 0.00	68.52 3.78 0.00	67.29 3.20 0.00	58.69 2.55 0.00	52.02 2.55 0.00	39.59 2.01 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	56.92 2.55 0.00	43.96 2.12 0.00	39.52 1.83 0.00	36.36 1.73 0.00	34.69 1.63 0.00	38.26 1.54 0.00	42.59 1.71 0.00	49.02 1.86 3.28	40.63 2.10 7.11	36.58 2.19 7.82	50.58 2.93 1.25	51.73 3.17 -0.23	54.62 3.33 0.00	54.59 3.32 0.00	53.11 3.63 -0.15	53.90 3.57 0.00	48.90 3.24 -0.89	54.10 3.40 0.00	72.00 3.89 0.00	68.52 3.78 0.00	67.29 3.20 0.00	58.69 2.55 0.00	52.02 2.55 0.00	39.59 2.01 0.00
WHITEHAL_115KV_TB1 80871	57.84 3.47 0.00	45.17 3.32 0.00	40.58 2.89 0.00	37.22 2.59 0.00	35.60 2.54 0.00	39.31 2.58 0.00	44.05 3.18 0.00	53.83 3.39 0.00	48.19 2.55 0.00	44.03 1.82 0.00	51.06 2.16 0.00	50.55 2.23 0.02	53.90 2.61 0.00	54.02 2.76 0.00	52.34 3.02 0.01	53.68 3.35 0.00	47.63 2.93 0.06	54.64 3.93 0.00	72.86 4.75 0.00	69.15 4.40 0.00	68.68 4.59 0.00	59.80 3.66 0.00	52.64 3.17 0.00	40.03 2.44 0.00
WHITEPLN_13_KV_LOAD 356215	58.05 3.68 0.00	44.85 3.00 0.00	40.27 2.58 0.00	37.00 2.37 0.00	35.29 2.22 0.00	38.95 2.23 0.00	43.42 2.54 0.00	55.73 2.95 -2.33	53.84 3.14 -5.06	50.94 3.17 -5.56	53.85 4.07 -0.89	52.96 4.31 -0.32	55.80 4.51 0.00	55.80 4.54 0.00	54.36 4.81 -0.21	55.10 4.78 0.00	50.34 4.34 -1.25	55.33 4.63 0.00	73.55 5.44 0.00	69.91 5.16 0.00	68.61 4.52 0.00	59.80 3.66 0.00	52.96 3.50 0.00	40.28 2.69 0.00
WM_FLOYD_69_KV_BK2 356380	58.90 4.16 -0.37	46.94 3.82 -1.27	40.80 3.10 0.00	37.48 2.84 0.00	35.64 2.58 0.00	39.15 2.43 0.00	44.02 3.14 0.00	56.23 3.56 -2.24	54.15 3.67 -4.85	51.14 3.61 -5.33	55.23 4.63 -1.71	55.30 4.95 -2.02	56.41 4.66 -0.45	56.05 4.61 -0.18	67.69 5.00 -13.36	170.07 5.05 -114.70	53.47 4.43 -4.27	55.31 4.59 -0.01	73.47 5.35 0.00	69.65 4.91 0.00	68.29 4.20 0.00	59.54 3.44 0.04	53.58 4.11 0.00	40.63 3.05 0.00
WOODARD___115KV_TB2 355635	54.15 -1.00 -0.78	41.15 -0.70 0.00	37.11 -0.59 0.00	34.13 -0.50 0.00	32.62 -0.44 0.00	36.32 -0.40 0.00	40.43 -0.49 -0.04	50.20 -0.83 -0.59	44.92 -0.73 -0.01	41.54 -0.67 0.00	48.04 -0.86 0.00	47.44 -0.90 0.00	50.43 -0.86 0.00	50.37 -0.89 0.00	48.48 -0.85 0.00	49.49 -0.84 0.00	44.09 -0.67 0.00	50.09 -0.62 0.00	67.32 -1.01 -0.23	64.16 -0.78 -0.19	63.61 -0.84 -0.36	55.35 -0.79 0.00	48.72 -0.75 0.00	37.07 -0.52 0.00
WOODMERE_69_KV_BK1 55827	59.33 4.58 -0.38	49.14 3.96 -3.33	40.98 3.29 0.00	37.59 2.95 0.00	35.79 2.73 0.00	39.46 2.74 0.00	44.07 3.19 0.00	56.39 3.72 -2.24	54.36 3.87 -4.85	51.39 3.86 -5.33	55.55 4.91 -1.75	56.06 5.15 -2.58	63.34 5.12 -6.93	56.66 5.05 -0.35	77.94 5.43 -23.18	66.90 5.35 -11.22	55.40 4.57 -6.08	55.49 4.78 0.00	73.79 5.68 0.00	70.04 5.29 0.00	68.74 4.65 0.00	60.05 3.90 0.00	53.51 4.04 0.00	40.75 3.17 0.00
YORK___WARBASSE 23770	57.70 3.33 0.00	44.54 2.69 0.00	40.08 2.38 0.00	36.79 2.15 0.00	35.08 2.02 0.00	38.76 2.04 0.00	43.34 2.47 0.00	55.49 2.81 -2.24	53.55 3.05 -4.86	50.67 3.11 -5.34	53.70 3.95 -0.85	52.96 4.29 -0.34	55.58 4.29 0.00	55.41 4.15 0.00	54.20 4.64 -0.23	54.92 4.59 0.00	50.30 4.20 -1.34	54.76 4.05 0.00	72.71 4.60 0.00	69.41 4.67 0.00	68.14 4.04 0.00	59.54 3.40 0.00	52.97 3.50 0.00	40.44 2.85 0.00