

ALBANY___2 23572	37.56 0.26 0.00	35.77 0.21 0.00	35.95 0.18 0.00	36.07 0.14 0.00	36.25 0.14 0.00	40.96 0.08 0.00	49.66 0.30 0.00	56.02 0.72 0.00	54.60 0.22 0.00	46.94 0.09 0.00	44.26 0.00 0.00	42.36 0.08 0.00	43.19 0.04 0.00	46.63 -0.09 0.00	50.00 0.00 0.00	53.07 0.16 0.00	57.27 0.90 0.00	66.84 1.18 0.00	61.20 1.20 0.00	55.59 0.82 0.00	52.45 0.67 0.00	47.64 0.56 0.00	43.85 0.35 0.00	40.18 0.40 0.00
ALBANY___3 23573	37.56 0.26 0.00	35.77 0.21 0.00	35.95 0.18 0.00	36.07 0.14 0.00	36.25 0.14 0.00	40.96 0.08 0.00	49.66 0.30 0.00	56.02 0.72 0.00	54.60 0.22 0.00	46.94 0.09 0.00	44.26 0.00 0.00	42.36 0.08 0.00	43.19 0.04 0.00	46.63 -0.09 0.00	50.00 0.00 0.00	53.07 0.16 0.00	57.27 0.90 0.00	66.84 1.18 0.00	61.20 1.20 0.00	55.59 0.82 0.00	52.45 0.67 0.00	47.64 0.56 0.00	43.85 0.35 0.00	40.18 0.40 0.00
ALBANY___4 23574	37.56 0.26 0.00	35.77 0.21 0.00	35.95 0.18 0.00	36.07 0.14 0.00	36.25 0.14 0.00	40.96 0.08 0.00	49.66 0.30 0.00	56.02 0.72 0.00	54.60 0.22 0.00	46.94 0.09 0.00	44.26 0.00 0.00	42.36 0.08 0.00	43.19 0.04 0.00	46.63 -0.09 0.00	50.00 0.00 0.00	53.07 0.16 0.00	57.27 0.90 0.00	66.84 1.18 0.00	61.20 1.20 0.00	55.59 0.82 0.00	52.45 0.67 0.00	47.64 0.56 0.00	43.85 0.35 0.00	40.18 0.40 0.00
ALBANY___LFGE 323615	37.90 0.60 0.00	36.12 0.57 0.00	36.27 0.50 0.00	36.39 0.47 0.00	36.58 0.47 0.00	41.37 0.49 0.00	50.15 0.79 0.00	56.57 1.27 0.00	55.14 0.76 0.00	47.41 0.56 0.00	44.70 0.44 0.00	42.79 0.51 0.00	43.58 0.43 0.00	47.10 0.37 0.00	50.50 0.50 0.00	53.71 0.79 0.00	57.89 1.52 0.00	67.57 1.91 0.00	61.80 1.80 0.00	56.19 1.42 0.00	52.91 1.14 0.00	48.07 0.99 0.00	44.24 0.74 0.00	40.54 0.75 0.00
ALCOA_PA_115KV_PL-6C 55860	37.64 0.34 0.00	35.95 0.39 0.00	36.13 0.36 0.00	36.35 0.43 0.00	36.61 0.51 0.00	41.53 0.65 0.00	50.15 0.79 0.00	55.52 0.22 0.00	55.14 0.76 0.00	47.45 0.61 0.00	44.92 0.66 0.00	42.83 0.55 0.00	43.75 0.60 0.00	47.43 0.70 0.00	50.90 0.90 0.00	53.81 0.90 0.00	56.59 0.23 0.00	65.79 0.13 0.00	60.00 0.00 0.00	55.15 0.38 0.00	52.60 0.83 0.00	47.74 0.66 0.00	44.16 0.65 0.00	40.30 0.52 0.00
ALCOA_RYNLDS___DRP 24188	37.64 0.34 0.00	35.95 0.39 0.00	36.13 0.36 0.00	36.35 0.43 0.00	36.61 0.51 0.00	41.53 0.65 0.00	50.15 0.79 0.00	55.52 0.22 0.00	55.14 0.76 0.00	47.45 0.61 0.00	44.92 0.66 0.00	42.83 0.55 0.00	43.75 0.60 0.00	47.43 0.70 0.00	50.90 0.90 0.00	53.81 0.90 0.00	56.59 0.23 0.00	65.79 0.13 0.00	60.00 0.00 0.00	55.15 0.38 0.00	52.60 0.83 0.00	47.74 0.66 0.00	44.16 0.65 0.00	40.30 0.52 0.00
ALCOA___DSASP 323711	37.68 0.37 0.00	35.95 0.39 0.00	36.13 0.36 0.00	36.36 0.43 0.00	36.61 0.51 0.00	41.53 0.65 0.00	50.15 0.79 0.00	55.52 0.22 0.00	55.14 0.76 0.00	47.45 0.61 0.00	44.93 0.66 0.00	42.82 0.55 0.00	43.75 0.60 0.00	47.43 0.70 0.00	50.90 0.90 0.00	53.71 0.79 0.00	56.65 0.28 0.00	65.73 0.07 0.00	60.00 0.00 0.00	55.09 0.33 0.00	52.60 0.83 0.00	47.74 0.66 0.00	44.16 0.65 0.00	40.30 0.52 0.00
ALLEGHENY___COGEN 23514	38.35 1.04 0.00	36.48 0.92 0.00	36.74 0.97 0.00	37.18 1.26 0.00	37.19 1.08 0.00	42.55 1.68 0.00	50.84 1.48 0.00	57.29 1.99 0.00	55.90 1.52 0.00	47.97 1.12 0.00	45.28 1.02 0.00	42.99 0.72 0.00	44.01 0.86 0.00	48.13 1.40 0.00	51.20 1.20 0.00	54.18 1.27 0.00	57.61 1.24 0.00	67.83 2.16 0.00	61.38 1.38 0.00	55.75 0.99 0.00	51.42 -0.36 0.00	46.75 -0.33 0.00	44.07 0.56 0.00	40.26 0.48 0.00
ALTAMONT_115KV_TB 2 55880	38.01 0.71 0.00	36.19 0.64 0.00	36.41 0.64 0.00	36.53 0.61 0.00	36.72 0.61 0.00	41.49 0.61 0.00	50.20 0.84 0.00	56.63 1.33 0.00	55.25 0.87 0.00	47.50 0.66 0.00	44.79 0.53 0.00	42.83 0.55 0.00	43.71 0.56 0.00	47.24 0.51 0.00	50.60 0.60 0.00	53.65 0.74 0.00	57.78 1.41 0.00	67.44 1.77 0.00	61.74 1.74 0.00	56.13 1.37 0.00	52.91 1.14 0.00	48.11 1.04 0.00	44.33 0.83 0.00	40.58 0.80 0.00
ALTONA_WT_PWR 323606	37.00 -0.30 0.00	35.41 -0.14 0.00	35.70 -0.07 0.00	35.92 0.00 0.00	36.40 0.29 0.00	41.45 0.57 0.00	50.40 1.04 0.00	55.80 0.50 0.00	55.58 1.19 0.00	47.73 0.89 0.00	45.23 0.97 0.00	43.04 0.76 0.00	43.96 0.82 0.00	47.94 1.21 0.00	51.60 1.60 0.00	54.55 1.64 0.00	57.61 1.24 0.00	66.19 0.52 0.00	60.54 0.54 0.00	56.08 1.31 0.00	53.54 1.76 0.00	48.49 1.41 0.00	44.72 1.22 0.00	40.62 0.84 0.00
AMERICAN_REF_FUEL 24010	35.51 -1.79 0.00	33.78 -1.78 0.00	34.02 -1.75 0.00	34.42 -1.51 0.00	34.34 -1.77 0.00	39.36 -1.51 0.00	46.05 -3.31 0.00	50.66 -4.65 0.00	49.98 -4.40 0.00	43.19 -3.65 0.00	41.07 -3.19 0.00	39.06 -3.21 0.00	39.95 -3.19 0.00	43.78 -2.94 0.00	46.10 -3.90 0.00	48.25 -4.66 0.00	50.50 -5.86 0.00	59.42 -6.24 0.00	53.46 -6.54 0.00	48.63 -6.13 0.00	44.84 -6.94 0.00	41.14 -5.93 0.00	40.02 -3.48 0.00	36.96 -2.82 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.42 0.11 0.00	35.52 -0.04 0.00	35.81 0.04 0.00	36.21 0.29 0.00	36.22 0.11 0.00	41.65 0.77 0.00	49.02 -0.34 0.00	54.36 -0.94 0.00	53.51 -0.87 0.00	46.23 -0.61 0.00	44.08 -0.18 0.00	41.85 -0.42 0.00	42.85 -0.30 0.00	47.10 0.37 0.00	49.55 -0.45 0.00	51.70 -1.21 0.00	54.17 -2.20 0.00	63.63 -2.04 0.00	56.88 -3.12 0.00	51.48 -3.28 0.00	47.17 -4.61 0.00	42.98 -4.10 0.00	41.42 -2.09 0.00	38.03 -1.75 0.00
ARTHUR KILL_GT_1 23520	39.81 2.50 -0.01	37.87 2.31 -0.01	37.85 2.07 -0.01	37.87 1.94 -0.01	38.03 1.91 -0.01	43.05 2.16 -0.01	52.23 2.86 -0.01	59.46 4.15 -0.01	58.09 3.70 -0.01	49.99 3.14 -0.01	47.32 3.05 -0.01	45.24 2.96 -0.01	46.17 3.02 -0.01	49.91 3.18 -0.01	53.31 3.30 -0.01	56.68 3.76 -0.01	61.39 5.01 -0.01	71.65 5.97 -0.01	65.35 5.34 -0.01	59.37 4.60 -0.01	55.72 3.93 -0.01	50.66 3.58 -0.01	46.43 2.92 -0.01	42.46 2.67 -0.01
ARTHUR_KILL_2 23512	39.70 2.39 -0.01	37.77 2.21 -0.01	37.74 1.97 -0.01	37.80 1.87 -0.01	37.92 1.80 -0.01	42.93 2.04 -0.01	52.08 2.71 -0.01	59.29 3.98 -0.01	57.92 3.53 -0.01	49.85 3.00 -0.01	47.19 2.92 -0.01	45.12 2.83 -0.01	46.04 2.89 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.52 3.60 -0.01	61.22 4.85 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.15 4.38 -0.01	55.56 3.78 -0.01	50.52 3.43 -0.01	46.30 2.79 -0.01	42.34 2.55 -0.01
ARTHUR_KILL_3 23513	38.98 1.68 0.00	37.05 1.49 0.00	36.99 1.22 0.00	37.00 1.08 0.00	37.16 1.05 0.00	42.14 1.27 0.00	51.28 1.92 0.00	58.51 3.21 0.00	57.05 2.66 0.00	49.14 2.29 0.00	46.52 2.26 0.00	44.47 2.20 0.00	45.39 2.24 0.00	49.15 2.43 0.00	52.45 2.45 0.00	55.82 2.91 0.00	60.20 3.83 0.00	70.39 4.73 0.00	64.26 4.26 0.00	58.32 3.56 0.00	54.88 3.11 0.00	49.90 2.82 0.00	45.59 2.09 0.00	41.61 1.83 0.00

ARTHUR_KILL_COGEN 323718	39.81 2.50 -0.01	37.87 2.31 -0.01	37.85 2.07 -0.01	37.87 1.94 -0.01	38.03 1.91 -0.01	43.05 2.16 -0.01	52.23 2.86 -0.01	59.46 4.15 -0.01	58.09 3.70 -0.01	49.99 3.14 -0.01	47.32 3.05 -0.01	45.24 2.96 -0.01	46.17 3.02 -0.01	49.91 3.18 -0.01	53.31 3.30 -0.01	56.68 3.76 -0.01	61.39 5.01 -0.01	71.65 5.97 -0.01	65.35 5.34 -0.01	59.37 4.60 -0.01	55.72 3.93 -0.01	50.66 3.58 -0.01	46.43 2.92 -0.01	42.46 2.67 -0.01
ASHOKAN____ 23654	39.43 2.13 0.00	37.58 2.03 0.00	37.59 1.82 0.00	37.72 1.80 0.00	37.84 1.73 0.00	43.29 2.41 0.00	52.27 2.91 0.00	58.79 3.49 0.00	56.99 2.61 0.00	48.77 1.92 0.00	45.81 1.55 0.00	43.71 1.44 0.00	44.35 1.21 0.00	48.18 1.45 0.00	51.65 1.65 0.00	55.35 2.44 0.00	60.20 3.83 0.00	70.59 4.93 0.00	64.74 4.74 0.00	58.49 3.73 0.00	54.88 3.11 0.00	49.81 2.73 0.00	45.51 2.00 0.00	42.21 2.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.20 1.90 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.02 1.14 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.93 2.56 0.01	48.99 2.16 0.01	46.38 2.12 0.01	44.38 2.11 0.01	45.29 2.16 0.01	49.11 2.38 0.00	52.35 2.35 0.00	55.70 2.80 0.01	60.31 3.94 0.00	70.59 4.93 0.00	64.44 4.44 0.00	58.38 3.61 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.73 1.95 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.20 1.90 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.02 1.14 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.93 2.56 0.01	48.99 2.16 0.01	46.38 2.12 0.01	44.38 2.11 0.01	45.29 2.16 0.01	49.11 2.38 0.00	52.35 2.35 0.00	55.70 2.80 0.01	60.31 3.94 0.00	70.59 4.93 0.00	64.44 4.44 0.00	58.38 3.61 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.73 1.95 0.00
ASTORIA_GT2_1 24094	39.28 1.98 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.43 2.17 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.56 2.65 0.00	60.14 3.78 0.00	70.52 4.86 0.00	64.38 4.38 0.00	58.21 3.45 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.77 1.99 0.00
ASTORIA_GT2_2 24095	39.28 1.98 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.43 2.17 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.56 2.65 0.00	60.14 3.78 0.00	70.52 4.86 0.00	64.38 4.38 0.00	58.21 3.45 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.77 1.99 0.00
ASTORIA_GT2_3 24096	39.28 1.98 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.43 2.17 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.56 2.65 0.00	60.14 3.78 0.00	70.52 4.86 0.00	64.38 4.38 0.00	58.21 3.45 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.77 1.99 0.00
ASTORIA_GT2_4 24097	39.28 1.98 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.43 2.17 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.56 2.65 0.00	60.14 3.78 0.00	70.52 4.86 0.00	64.38 4.38 0.00	58.21 3.45 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.77 1.99 0.00
ASTORIA_GT3_1 24098	39.28 1.98 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.43 2.17 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.56 2.65 0.00	60.14 3.78 0.00	70.52 4.86 0.00	64.38 4.38 0.00	58.21 3.45 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.77 1.99 0.00
ASTORIA_GT3_2 24099	39.28 1.98 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.43 2.17 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.56 2.65 0.00	60.14 3.78 0.00	70.52 4.86 0.00	64.38 4.38 0.00	58.21 3.45 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.77 1.99 0.00
ASTORIA_GT3_3 24100	39.28 1.98 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.43 2.17 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.56 2.65 0.00	60.14 3.78 0.00	70.52 4.86 0.00	64.38 4.38 0.00	58.21 3.45 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.77 1.99 0.00
ASTORIA_GT3_4 24101	39.28 1.98 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.43 2.17 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.56 2.65 0.00	60.14 3.78 0.00	70.52 4.86 0.00	64.38 4.38 0.00	58.21 3.45 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.77 1.99 0.00
ASTORIA_GT4_1 24102	39.28 1.98 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.43 2.17 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.56 2.65 0.00	60.14 3.78 0.00	70.52 4.86 0.00	64.38 4.38 0.00	58.21 3.45 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.77 1.99 0.00
ASTORIA_GT4_2 24103	39.28 1.98 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.43 2.17 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.56 2.65 0.00	60.14 3.78 0.00	70.52 4.86 0.00	64.38 4.38 0.00	58.21 3.45 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.77 1.99 0.00
ASTORIA_GT4_3 24104	39.28 1.98 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.43 2.17 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.56 2.65 0.00	60.14 3.78 0.00	70.52 4.86 0.00	64.38 4.38 0.00	58.21 3.45 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.77 1.99 0.00

ASTORIA_GT4_4 24105	39.28 1.98 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.43 2.17 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.56 2.65 0.00	60.14 3.78 0.00	70.52 4.86 0.00	64.38 4.38 0.00	58.21 3.45 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.64 2.13 0.00	41.77 1.99 0.00
ASTORIA_GT_1 23523	39.28 1.98 0.00	37.40 1.85 0.00	37.27 1.50 0.00	37.21 1.29 0.00	37.37 1.26 0.00	42.14 1.27 0.00	51.28 1.92 0.00	58.56 3.26 0.00	57.04 2.66 0.01	49.13 2.29 0.01	46.51 2.26 0.01	44.51 2.24 0.01	45.38 2.24 0.01	49.20 2.47 0.00	52.50 2.50 0.00	55.86 2.96 0.01	60.48 4.11 0.00	70.79 5.13 0.00	64.62 4.62 0.00	58.54 3.78 0.00	55.14 3.36 0.00	50.04 2.97 0.00	45.72 2.22 0.00	41.81 2.03 0.00
ASTORIA_GT_10 24110	39.32 2.01 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.29 1.37 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.58 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.80 2.80 0.00	55.93 3.02 0.00	60.48 4.11 0.00	70.85 5.19 0.00	64.68 4.68 0.00	58.54 3.78 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.85 2.35 0.00	41.93 2.15 0.00
ASTORIA_GT_11 24225	39.32 2.01 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.29 1.37 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.58 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.80 2.80 0.00	55.93 3.02 0.00	60.48 4.11 0.00	70.85 5.19 0.00	64.68 4.68 0.00	58.54 3.78 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.85 2.35 0.00	41.93 2.15 0.00
ASTORIA_GT_12 24226	39.32 2.01 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.29 1.37 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.58 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.80 2.80 0.00	55.93 3.02 0.00	60.48 4.11 0.00	70.85 5.19 0.00	64.68 4.68 0.00	58.54 3.78 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.85 2.35 0.00	41.93 2.15 0.00
ASTORIA_GT_13 24227	39.32 2.01 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.29 1.37 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.58 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.80 2.80 0.00	55.93 3.02 0.00	60.48 4.11 0.00	70.85 5.19 0.00	64.68 4.68 0.00	58.54 3.78 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.85 2.35 0.00	41.93 2.15 0.00
ASTORIA_GT_5 24106	39.32 2.01 0.00	37.40 1.85 0.00	37.27 1.50 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.14 1.27 0.00	51.28 1.92 0.00	58.56 3.26 0.00	57.05 2.66 0.00	49.14 2.30 0.00	46.52 2.26 0.00	44.52 2.24 0.00	45.43 2.29 0.00	49.20 2.48 0.00	52.55 2.55 0.00	55.66 2.75 0.00	60.26 3.89 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.32 3.56 0.00	55.09 3.31 0.00	50.04 2.97 0.00	45.72 2.22 0.00	41.85 2.07 0.00
ASTORIA_GT_7 24107	39.32 2.01 0.00	37.40 1.85 0.00	37.27 1.50 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.14 1.27 0.00	51.28 1.92 0.00	58.56 3.26 0.00	57.05 2.66 0.00	49.14 2.30 0.00	46.52 2.26 0.00	44.52 2.24 0.00	45.43 2.29 0.00	49.20 2.48 0.00	52.55 2.55 0.00	55.66 2.75 0.00	60.26 3.89 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.32 3.56 0.00	55.09 3.31 0.00	50.04 2.97 0.00	45.72 2.22 0.00	41.85 2.07 0.00
ASTORIA_GT_8 24108	39.32 2.01 0.00	37.40 1.85 0.00	37.27 1.50 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.14 1.27 0.00	51.28 1.92 0.00	58.56 3.26 0.00	57.05 2.66 0.00	49.14 2.30 0.00	46.52 2.26 0.00	44.52 2.24 0.00	45.43 2.29 0.00	49.20 2.48 0.00	52.55 2.55 0.00	55.66 2.75 0.00	60.26 3.89 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.32 3.56 0.00	55.09 3.31 0.00	50.04 2.97 0.00	45.72 2.22 0.00	41.85 2.07 0.00
ASTORIA___2 24149	39.24 1.94 0.00	37.33 1.78 0.00	37.24 1.47 0.00	37.18 1.26 0.00	37.30 1.19 0.00	42.06 1.19 0.00	51.19 1.83 0.00	58.45 3.15 0.00	56.93 2.56 0.01	49.04 2.20 0.01	46.42 2.17 0.01	44.42 2.15 0.01	45.29 2.16 0.01	49.11 2.38 0.00	52.40 2.40 0.00	55.76 2.86 0.01	60.37 4.00 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.43 3.67 0.00	55.04 3.26 0.00	50.00 2.92 0.00	45.64 2.13 0.00	41.73 1.95 0.00
ASTORIA___3 23516	39.32 2.01 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.29 1.36 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.57 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.75 2.75 0.00	56.14 3.23 0.00	60.65 4.28 0.00	70.92 5.26 0.00	64.68 4.68 0.00	58.65 3.89 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.85 2.35 0.00	41.89 2.11 0.00
ASTORIA___4 23517	39.32 2.01 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.29 1.37 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.58 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.80 2.80 0.00	55.93 3.02 0.00	60.48 4.11 0.00	70.85 5.19 0.00	64.68 4.68 0.00	58.54 3.78 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.85 2.35 0.00	41.93 2.15 0.00
ASTORIA___5 23518	39.32 2.01 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.29 1.36 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.57 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.75 2.75 0.00	56.14 3.23 0.00	60.65 4.28 0.00	70.92 5.26 0.00	64.68 4.68 0.00	58.65 3.89 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.85 2.35 0.00	41.89 2.11 0.00
AST_ENERGY_2_CC3 323677	38.26 1.75 0.80	37.11 1.56 0.01	37.09 1.32 0.01	37.10 1.18 0.01	37.22 1.12 0.01	37.48 1.39 4.79	37.48 2.02 13.90	55.55 3.32 3.07	52.79 2.77 4.36	42.31 2.39 6.92	39.48 2.34 7.12	40.26 2.28 4.30	40.26 2.33 5.21	41.27 2.52 7.98	43.00 2.55 9.55	44.01 3.01 11.92	45.28 4.00 15.09	54.89 4.86 15.63	48.74 4.38 15.64	42.78 3.67 15.65	40.32 3.21 14.66	46.32 2.87 3.63	40.48 2.17 5.20	37.48 1.91 4.21
AST_ENERGY_2_CC4 323678	38.26 1.75 0.80	37.11 1.56 0.01	37.09 1.32 0.01	37.10 1.18 0.01	37.22 1.12 0.01	37.48 1.39 4.79	37.48 2.02 13.90	55.55 3.32 3.07	52.79 2.77 4.36	42.31 2.39 6.92	39.48 2.34 7.12	40.26 2.28 4.30	40.26 2.33 5.21	41.27 2.52 7.98	43.00 2.55 9.55	44.01 3.01 11.92	45.28 4.00 15.09	54.89 4.86 15.63	48.74 4.38 15.64	42.78 3.67 15.65	40.32 3.21 14.66	46.32 2.87 3.63	40.48 2.17 5.20	37.48 1.91 4.21

ATHENS_STG_1 23668	38.27 0.97 0.00	36.48 0.92 0.00	36.66 0.89 0.00	36.78 0.86 0.00	36.97 0.87 0.00	41.65 0.77 0.00	50.40 1.04 0.00	57.02 1.72 0.00	55.58 1.19 0.00	47.83 0.99 0.00	45.15 0.88 0.00	43.21 0.93 0.00	44.05 0.91 0.00	47.57 0.84 0.00	50.90 0.90 0.00	54.13 1.22 0.00	58.29 1.92 0.00	67.96 2.30 0.00	62.22 2.22 0.00	56.57 1.80 0.00	53.28 1.50 0.00	48.44 1.37 0.00	44.55 1.04 0.00	40.82 1.03 0.00
ATHENS_STG_2 23670	38.27 0.97 0.00	36.48 0.92 0.00	36.66 0.89 0.00	36.78 0.86 0.00	36.97 0.87 0.00	41.65 0.77 0.00	50.40 1.04 0.00	57.02 1.72 0.00	55.58 1.19 0.00	47.83 0.99 0.00	45.15 0.88 0.00	43.21 0.93 0.00	44.05 0.91 0.00	47.57 0.84 0.00	50.90 0.90 0.00	54.13 1.22 0.00	58.29 1.92 0.00	67.96 2.30 0.00	62.22 2.22 0.00	56.57 1.80 0.00	53.28 1.50 0.00	48.44 1.37 0.00	44.55 1.04 0.00	40.82 1.03 0.00
ATHENS_STG_3 23677	38.27 0.97 0.00	36.48 0.92 0.00	36.66 0.89 0.00	36.78 0.86 0.00	36.97 0.87 0.00	41.65 0.77 0.00	50.40 1.04 0.00	57.02 1.72 0.00	55.58 1.19 0.00	47.83 0.99 0.00	45.15 0.88 0.00	43.21 0.93 0.00	44.05 0.91 0.00	47.57 0.84 0.00	50.90 0.90 0.00	54.13 1.22 0.00	58.29 1.92 0.00	67.96 2.30 0.00	62.22 2.22 0.00	56.57 1.80 0.00	53.28 1.50 0.00	48.44 1.37 0.00	44.55 1.04 0.00	40.82 1.03 0.00
AUBURN___LFGE 323710	37.00 -0.30 0.00	35.20 -0.36 0.00	35.45 -0.32 0.00	35.67 -0.25 0.00	35.82 -0.29 0.00	40.71 -0.16 0.00	49.21 -0.15 0.00	55.47 0.17 0.00	54.27 -0.11 0.00	46.75 -0.09 0.00	44.17 -0.09 0.00	42.15 -0.13 0.00	43.06 -0.09 0.00	46.73 0.00 0.00	49.85 -0.15 0.00	52.59 -0.32 0.00	56.14 -0.23 0.00	65.60 -0.07 0.00	59.88 -0.12 0.00	54.44 -0.33 0.00	51.10 -0.67 0.00	46.42 -0.66 0.00	43.11 -0.39 0.00	39.42 -0.36 0.00
BABYLON_RES_REC 323704	39.69 2.39 0.00	37.40 1.85 0.00	37.13 1.36 0.00	36.82 0.90 0.00	37.04 0.94 0.00	42.34 1.47 0.00	50.49 1.14 0.00	57.57 2.27 0.00	56.07 1.69 0.00	48.39 1.54 0.00	46.38 2.12 0.00	44.56 2.28 0.00	45.34 2.20 0.00	48.69 1.96 0.00	51.65 1.65 0.00	55.40 2.49 0.00	60.88 4.51 0.00	70.99 5.32 -0.01	64.62 4.62 0.00	58.76 4.00 0.00	55.30 3.52 0.00	50.18 3.11 0.00	46.46 2.96 0.00	41.97 2.19 0.00
BABYLON__69_KV_BK2 356345	40.36 3.06 0.00	37.76 2.20 0.00	37.49 1.72 0.00	37.43 1.51 0.00	37.70 1.59 0.00	43.08 2.21 0.00	51.38 2.02 0.00	58.78 3.48 0.00	57.10 2.72 0.00	49.19 2.34 0.00	47.14 2.88 0.00	45.36 3.09 0.00	46.08 2.93 0.00	49.48 2.76 0.00	52.80 2.80 0.00	56.09 3.17 0.00	62.00 5.64 0.00	72.90 7.22 -0.01	66.30 6.30 0.00	59.91 5.15 0.00	56.07 4.30 0.00	50.75 3.67 0.00	46.94 3.44 0.00	42.37 2.59 0.00
BALL_HILL_WT_PWR 323825	36.97 -0.34 0.00	35.13 -0.43 0.00	35.41 -0.36 0.00	35.78 -0.14 0.00	35.78 -0.33 0.00	41.08 0.21 0.00	48.23 -1.13 0.00	53.36 -1.94 0.00	52.59 -1.79 0.00	45.44 -1.40 0.00	43.24 -1.02 0.00	41.09 -1.18 0.00	42.02 -1.12 0.00	46.12 -0.61 0.00	48.55 -1.45 0.00	50.74 -2.17 0.00	53.27 -3.10 0.00	62.64 -3.02 0.00	56.22 -3.78 0.00	51.04 -3.73 0.00	46.96 -4.81 0.00	42.98 -4.10 0.00	41.50 -2.00 0.00	38.19 -1.59 0.00
BARON_WINDS___WT_PWR 323822	37.34 0.04 0.00	35.52 -0.04 0.00	35.84 0.07 0.00	36.14 0.22 0.00	36.25 0.15 0.00	41.45 0.57 0.00	49.41 0.05 0.00	55.25 -0.06 0.00	54.06 -0.32 0.00	46.57 -0.28 0.00	44.13 -0.13 0.00	42.02 -0.25 0.00	42.93 -0.21 0.00	46.87 0.14 0.00	49.70 -0.30 0.00	52.28 -0.63 0.00	55.29 -1.07 0.00	64.68 -0.98 0.00	58.50 -1.50 0.00	53.12 -1.64 0.00	49.08 -2.69 0.00	44.72 -2.35 0.00	42.24 -1.26 0.00	38.79 -0.99 0.00
BARRETT_IC_1 23704	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01
BARRETT_IC_10 23701	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01
BARRETT_IC_11 23702	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01
BARRETT_IC_12 23703	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01
BARRETT_IC_2 23705	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01
BARRETT_IC_3 23706	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01
BARRETT_IC_4 23707	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01

BARRETT_IC_5 23708	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01
BARRETT_IC_6 23709	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01
BARRETT_IC_7 23710	39.59 2.28 -0.01	37.23 1.67 0.00	37.02 1.25 0.00	37.04 1.11 0.00	37.26 1.16 0.00	42.51 1.63 0.00	50.79 1.43 0.00	57.95 2.65 0.00	56.39 2.01 0.00	48.67 1.83 0.00	46.56 2.30 0.00	44.74 2.45 -0.01	45.53 2.37 -0.01	48.88 2.15 0.00	52.05 2.05 0.00	55.19 2.28 0.00	60.54 4.17 0.00	71.06 5.38 -0.01	64.74 4.74 0.00	58.54 3.78 0.00	54.99 3.21 0.00	49.95 2.87 0.00	46.12 2.61 -0.01	41.81 2.03 0.00
BARRETT_IC_8 23711	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01
BARRETT_IC_9 23700	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01
BARRETT___1 23545	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01
BARRETT___2 23546	39.44 2.13 -0.01	37.23 1.67 -0.01	37.03 1.25 -0.01	37.04 1.11 -0.01	37.27 1.16 -0.01	42.52 1.64 -0.01	50.80 1.43 -0.01	57.85 2.55 0.00	56.39 2.01 0.00	48.68 1.83 -0.01	46.57 2.30 -0.01	44.69 2.41 -0.01	45.52 2.37 -0.01	48.88 2.15 -0.01	51.91 1.90 -0.01	55.56 2.64 -0.01	60.65 4.28 0.00	70.99 5.32 -0.01	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.19 3.11 -0.01	46.12 2.61 -0.01	41.82 2.03 -0.01
BATAVIA__115KV_TB1 55881	37.12 -0.19 0.00	35.34 -0.21 0.00	35.59 -0.18 0.00	36.03 0.11 0.00	35.96 -0.14 0.00	41.20 0.33 0.00	48.52 -0.84 0.00	54.03 -1.27 0.00	53.24 -1.14 0.00	46.00 -0.84 0.00	43.64 -0.62 0.00	41.35 -0.93 0.00	42.33 -0.82 0.00	46.40 -0.33 0.00	48.95 -1.05 0.00	51.27 -1.64 0.00	54.11 -2.25 0.00	63.43 -2.23 0.00	57.30 -2.70 0.00	52.14 -2.63 0.00	48.15 -3.62 0.00	43.97 -3.11 0.00	42.20 -1.31 0.00	38.75 -1.03 0.00
BAYONEEC___CTG1 323682	39.13 1.83 0.00	37.23 1.67 0.00	37.16 1.39 0.00	37.18 1.26 0.00	37.34 1.23 0.00	42.34 1.47 0.00	51.48 2.12 0.00	58.73 3.43 0.00	57.32 2.93 0.00	49.37 2.53 0.00	46.69 2.43 0.00	44.68 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.65 2.65 0.00	56.03 3.12 0.00	60.48 4.11 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.54 3.78 0.00	55.09 3.32 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.77 1.99 0.00
BAYONEEC___CTG10 323750	39.13 1.83 0.00	37.23 1.67 0.00	37.16 1.39 0.00	37.18 1.26 0.00	37.34 1.23 0.00	42.34 1.47 0.00	51.48 2.12 0.00	58.73 3.43 0.00	57.32 2.93 0.00	49.37 2.53 0.00	46.69 2.43 0.00	44.68 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.65 2.65 0.00	56.03 3.12 0.00	60.48 4.11 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.54 3.78 0.00	55.09 3.32 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.77 1.99 0.00
BAYONEEC___CTG2 323683	39.13 1.83 0.00	37.23 1.67 0.00	37.16 1.39 0.00	37.18 1.26 0.00	37.34 1.23 0.00	42.34 1.47 0.00	51.48 2.12 0.00	58.73 3.43 0.00	57.32 2.93 0.00	49.37 2.53 0.00	46.69 2.43 0.00	44.68 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.65 2.65 0.00	56.03 3.12 0.00	60.48 4.11 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.54 3.78 0.00	55.09 3.32 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.77 1.99 0.00
BAYONEEC___CTG3 323684	39.13 1.83 0.00	37.23 1.67 0.00	37.16 1.39 0.00	37.18 1.26 0.00	37.34 1.23 0.00	42.34 1.47 0.00	51.48 2.12 0.00	58.73 3.43 0.00	57.32 2.93 0.00	49.37 2.53 0.00	46.69 2.43 0.00	44.68 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.65 2.65 0.00	56.03 3.12 0.00	60.48 4.11 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.54 3.78 0.00	55.09 3.32 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.77 1.99 0.00
BAYONEEC___CTG4 323685	39.13 1.83 0.00	37.23 1.67 0.00	37.16 1.39 0.00	37.18 1.26 0.00	37.34 1.23 0.00	42.34 1.47 0.00	51.48 2.12 0.00	58.73 3.43 0.00	57.32 2.93 0.00	49.37 2.53 0.00	46.69 2.43 0.00	44.68 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.65 2.65 0.00	56.03 3.12 0.00	60.48 4.11 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.54 3.78 0.00	55.09 3.32 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.77 1.99 0.00
BAYONEEC___CTG5 323686	39.13 1.83 0.00	37.23 1.67 0.00	37.16 1.39 0.00	37.18 1.26 0.00	37.34 1.23 0.00	42.34 1.47 0.00	51.48 2.12 0.00	58.73 3.43 0.00	57.32 2.93 0.00	49.37 2.53 0.00	46.69 2.43 0.00	44.68 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.65 2.65 0.00	56.03 3.12 0.00	60.48 4.11 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.54 3.78 0.00	55.09 3.32 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.77 1.99 0.00
BAYONEEC___CTG6 323687	39.13 1.83 0.00	37.23 1.67 0.00	37.16 1.39 0.00	37.18 1.26 0.00	37.34 1.23 0.00	42.34 1.47 0.00	51.48 2.12 0.00	58.73 3.43 0.00	57.32 2.93 0.00	49.37 2.53 0.00	46.69 2.43 0.00	44.68 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.65 2.65 0.00	56.03 3.12 0.00	60.48 4.11 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.54 3.78 0.00	55.09 3.32 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.77 1.99 0.00

BAYONEEC___CTG7 323688	39.13 1.83 0.00	37.23 1.67 0.00	37.16 1.39 0.00	37.18 1.26 0.00	37.34 1.23 0.00	42.34 1.47 0.00	51.48 2.12 0.00	58.73 3.43 0.00	57.32 2.93 0.00	49.37 2.53 0.00	46.69 2.43 0.00	44.68 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.65 2.65 0.00	56.03 3.12 0.00	60.48 4.11 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.54 3.78 0.00	55.09 3.32 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.77 1.99 0.00
BAYONEEC___CTG8 323689	39.13 1.83 0.00	37.23 1.67 0.00	37.16 1.39 0.00	37.18 1.26 0.00	37.34 1.23 0.00	42.34 1.47 0.00	51.48 2.12 0.00	58.73 3.43 0.00	57.32 2.93 0.00	49.37 2.53 0.00	46.69 2.43 0.00	44.68 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.65 2.65 0.00	56.03 3.12 0.00	60.48 4.11 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.54 3.78 0.00	55.09 3.32 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.77 1.99 0.00
BAYONEEC___CTG9 323749	39.13 1.83 0.00	37.23 1.67 0.00	37.16 1.39 0.00	37.18 1.26 0.00	37.34 1.23 0.00	42.34 1.47 0.00	51.48 2.12 0.00	58.73 3.43 0.00	57.32 2.93 0.00	49.37 2.53 0.00	46.69 2.43 0.00	44.68 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.65 2.65 0.00	56.03 3.12 0.00	60.48 4.11 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.54 3.78 0.00	55.09 3.32 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.77 1.99 0.00
BEACON___LESR 323632	38.24 0.93 0.00	36.44 0.89 0.00	36.59 0.82 0.00	36.68 0.76 0.00	36.87 0.76 0.00	41.77 0.90 0.00	50.69 1.33 0.00	57.18 1.88 0.00	55.74 1.36 0.00	47.87 1.03 0.00	45.10 0.84 0.00	43.17 0.89 0.00	43.92 0.78 0.00	47.52 0.79 0.00	50.95 0.95 0.00	54.23 1.32 0.00	58.51 2.14 0.00	68.36 2.69 0.00	62.46 2.46 0.00	56.79 2.03 0.00	53.48 1.71 0.00	48.58 1.51 0.00	44.68 1.18 0.00	40.89 1.11 0.00
BEAVER RIVER___HYD 24048	36.86 -0.45 0.00	35.31 -0.25 0.00	35.48 -0.29 0.00	35.56 -0.36 0.00	35.86 -0.25 0.00	41.28 0.41 0.00	50.79 1.43 0.00	57.45 2.15 0.00	56.23 1.85 0.00	47.73 0.89 0.00	45.19 0.93 0.00	43.04 0.76 0.00	44.01 0.86 0.00	48.22 1.49 0.00	51.70 1.70 0.00	54.65 1.74 0.00	58.39 2.03 0.00	67.04 1.38 0.00	62.10 2.10 0.00	56.19 1.42 0.00	52.71 0.93 0.00	47.60 0.52 0.00	43.51 0.00 0.00	39.58 -0.20 0.00
BEEBEE_GT_13 23619	36.56 -0.75 0.00	34.81 -0.75 0.00	35.02 -0.75 0.00	35.38 -0.54 0.00	35.39 -0.72 0.00	40.38 -0.49 0.00	47.98 -1.38 0.00	53.64 -1.66 0.00	52.80 -1.58 0.00	45.63 -1.22 0.00	43.20 -1.06 0.00	41.09 -1.18 0.00	42.07 -1.08 0.00	45.84 -0.89 0.00	48.55 -1.45 0.00	51.06 -1.85 0.00	54.06 -2.31 0.00	63.23 -2.43 0.00	57.42 -2.58 0.00	52.24 -2.52 0.00	48.62 -3.16 0.00	44.35 -2.73 0.00	42.03 -1.48 0.00	38.51 -1.27 0.00
BENSHRST_27_KV_BENSHRST_1 355998	39.77 2.46 -0.01	37.77 2.20 -0.01	37.71 1.93 -0.01	37.69 1.76 -0.01	37.85 1.73 -0.01	42.89 2.00 -0.01	52.13 2.76 -0.01	59.51 4.20 -0.01	58.03 3.64 -0.01	50.04 3.19 -0.01	47.32 3.05 -0.01	45.29 3.00 -0.01	46.22 3.06 -0.01	50.05 3.32 -0.01	53.46 3.45 -0.01	56.62 3.70 -0.01	61.22 4.85 -0.01	71.71 6.04 -0.01	65.47 5.46 -0.01	59.26 4.49 -0.01	55.82 4.04 -0.01	50.71 3.62 -0.01	46.38 2.87 -0.01	42.38 2.59 -0.01
BETHLEHEM___GRP 23843	37.56 0.26 0.00	35.77 0.21 0.00	35.95 0.18 0.00	36.07 0.14 0.00	36.25 0.14 0.00	40.96 0.08 0.00	49.66 0.30 0.00	56.02 0.72 0.00	54.60 0.22 0.00	46.94 0.09 0.00	44.26 0.00 0.00	42.36 0.08 0.00	43.19 0.04 0.00	46.63 -0.09 0.00	50.00 0.00 0.00	53.07 0.16 0.00	57.27 0.90 0.00	66.84 1.18 0.00	61.20 1.20 0.00	55.59 0.82 0.00	52.45 0.67 0.00	47.64 0.56 0.00	43.85 0.35 0.00	40.18 0.40 0.00
BETHLEHEM___GS1 323560	37.57 0.26 0.00	35.77 0.21 0.00	35.95 0.18 0.00	36.07 0.14 0.00	36.25 0.15 0.00	40.96 0.08 0.00	49.66 0.30 0.00	56.02 0.72 0.00	54.60 0.22 0.00	46.94 0.09 0.00	44.26 0.00 0.00	42.36 0.08 0.00	43.19 0.04 0.00	46.63 -0.09 0.00	50.00 0.00 0.00	53.12 0.21 0.00	57.32 0.96 0.00	66.85 1.18 0.00	61.14 1.14 0.00	55.64 0.87 0.00	52.45 0.67 0.00	47.64 0.57 0.00	43.85 0.35 0.00	40.14 0.36 0.00
BETHLEHEM___GS2 323561	37.57 0.26 0.00	35.77 0.21 0.00	35.95 0.18 0.00	36.07 0.14 0.00	36.25 0.15 0.00	40.96 0.08 0.00	49.66 0.30 0.00	56.02 0.72 0.00	54.60 0.22 0.00	46.94 0.09 0.00	44.26 0.00 0.00	42.36 0.08 0.00	43.19 0.04 0.00	46.63 -0.09 0.00	50.00 0.00 0.00	53.12 0.21 0.00	57.32 0.96 0.00	66.85 1.18 0.00	61.14 1.14 0.00	55.64 0.87 0.00	52.45 0.67 0.00	47.64 0.57 0.00	43.85 0.35 0.00	40.14 0.36 0.00
BETHLEHEM___GS3 323562	37.57 0.26 0.00	35.77 0.21 0.00	35.95 0.18 0.00	36.07 0.14 0.00	36.25 0.15 0.00	40.96 0.08 0.00	49.66 0.30 0.00	56.02 0.72 0.00	54.60 0.22 0.00	46.94 0.09 0.00	44.26 0.00 0.00	42.36 0.08 0.00	43.19 0.04 0.00	46.63 -0.09 0.00	50.00 0.00 0.00	53.12 0.21 0.00	57.32 0.96 0.00	66.85 1.18 0.00	61.14 1.14 0.00	55.64 0.87 0.00	52.45 0.67 0.00	47.64 0.57 0.00	43.85 0.35 0.00	40.14 0.36 0.00
BETHLEHEM___STEEL 23779	36.82 -0.48 0.00	35.02 -0.53 0.00	35.27 -0.50 0.00	35.67 -0.25 0.00	35.64 -0.47 0.00	40.87 0.00 0.00	47.98 -1.38 0.00	53.03 -2.27 0.00	52.26 -2.12 0.00	45.16 -1.69 0.00	42.98 -1.28 0.00	40.84 -1.44 0.00	41.76 -1.38 0.00	45.84 -0.89 0.00	48.15 -1.85 0.00	50.26 -2.65 0.00	52.99 -3.38 0.00	62.05 -3.61 0.00	55.86 -4.14 0.00	50.77 -4.00 0.00	46.91 -4.87 0.00	42.89 -4.19 0.00	41.50 -2.00 0.00	38.19 -1.59 0.00
BETHLHEM_115KV_TB1 79974	37.68 0.37 0.00	35.87 0.32 0.00	36.06 0.29 0.00	36.17 0.25 0.00	36.32 0.22 0.00	41.08 0.20 0.00	49.75 0.39 0.00	56.13 0.83 0.00	54.76 0.38 0.00	47.08 0.23 0.00	44.39 0.13 0.00	42.45 0.17 0.00	43.27 0.13 0.00	46.77 0.05 0.00	50.15 0.15 0.00	53.18 0.26 0.00	57.38 1.01 0.00	66.98 1.31 0.00	61.32 1.32 0.00	55.69 0.93 0.00	52.55 0.78 0.00	47.74 0.66 0.00	43.94 0.44 0.00	40.26 0.48 0.00
BETHPAGE_CC_5 323564	39.54 2.24 0.00	37.26 1.71 0.00	37.06 1.29 0.00	37.04 1.11 0.00	37.26 1.16 0.00	42.55 1.68 0.00	50.74 1.38 0.00	57.85 2.55 0.00	56.39 2.01 0.00	48.67 1.83 0.00	46.60 2.34 0.00	44.77 2.49 0.00	45.56 2.41 0.00	48.92 2.20 0.00	51.90 1.90 0.00	55.55 2.64 0.00	60.88 4.51 0.00	71.19 5.52 -0.01	64.86 4.86 0.00	58.76 4.00 0.00	55.34 3.57 0.00	50.32 3.25 0.00	46.29 2.79 0.00	41.85 2.07 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.97 -0.34 0.00	35.13 -0.43 0.00	35.41 -0.36 0.00	35.78 -0.14 0.00	35.75 -0.36 0.00	41.04 0.16 0.00	48.17 -1.18 0.00	53.25 -2.05 0.00	52.48 -1.90 0.00	45.35 -1.50 0.00	43.20 -1.06 0.00	41.01 -1.27 0.00	41.94 -1.21 0.00	46.03 -0.70 0.00	48.40 -1.60 0.00	50.48 -2.43 0.00	53.27 -3.10 0.00	62.38 -3.28 0.00	56.16 -3.84 0.00	51.04 -3.72 0.00	47.17 -4.61 0.00	43.12 -3.95 0.00	41.68 -1.83 0.00	38.31 -1.47 0.00

BINGHAMTON___COGEN 23790	37.60 0.30 0.00	35.80 0.25 0.00	36.06 0.29 0.00	36.28 0.36 0.00	36.40 0.29 0.00	41.37 0.49 0.00	49.80 0.44 0.00	56.02 0.72 0.00	54.82 0.44 0.00	47.17 0.33 0.00	44.61 0.35 0.00	42.57 0.30 0.00	43.49 0.35 0.00	47.24 0.51 0.00	50.35 0.35 0.00	53.18 0.26 0.00	56.65 0.28 0.00	66.06 0.39 0.00	60.24 0.24 0.00	54.76 0.00 0.00	51.36 -0.41 0.00	46.70 -0.38 0.00	43.51 0.00 0.00	39.86 0.00 0.00
BIXINCNT_115KV_LOAD 355685	37.19 -0.11 0.00	35.38 -0.18 0.00	35.70 -0.07 0.00	36.07 0.14 0.00	36.00 -0.11 0.00	41.37 0.49 0.00	48.67 -0.69 0.00	53.97 -1.33 0.00	53.19 -1.20 0.00	46.05 -0.80 0.00	43.91 -0.35 0.00	41.73 -0.55 0.00	42.58 -0.56 0.00	46.82 0.09 0.00	49.15 -0.85 0.00	51.01 -1.90 0.00	54.17 -2.20 0.00	63.43 -2.23 0.00	56.88 -3.12 0.00	51.75 -3.01 0.00	47.84 -3.93 0.00	43.78 -3.30 0.00	41.85 -1.65 0.00	38.55 -1.23 0.00
BLACK RIVER___HYD 24047	36.82 -0.49 0.00	35.27 -0.29 0.00	35.45 -0.32 0.00	35.49 -0.43 0.00	35.71 -0.40 0.00	41.33 0.45 0.00	50.74 1.38 0.00	57.62 2.32 0.00	56.28 1.90 0.00	47.92 1.08 0.00	45.37 1.11 0.00	43.25 0.97 0.00	44.18 1.03 0.00	48.32 1.59 0.00	51.80 1.80 0.00	54.76 1.85 0.00	58.45 2.09 0.00	67.63 1.97 0.00	62.28 2.28 0.00	56.02 1.26 0.00	52.60 0.83 0.00	47.55 0.47 0.00	43.51 0.00 0.00	39.55 -0.24 0.00
BLACKRVR_115KV_TB2 79977	36.78 -0.52 0.00	35.27 -0.28 0.00	35.45 -0.32 0.00	35.49 -0.43 0.00	35.71 -0.40 0.00	41.32 0.45 0.00	50.79 1.43 0.00	57.62 2.32 0.00	56.28 1.90 0.00	47.92 1.08 0.00	45.37 1.11 0.00	43.25 0.97 0.00	44.18 1.04 0.00	48.32 1.59 0.00	51.75 1.75 0.00	54.71 1.80 0.00	58.40 2.03 0.00	68.29 2.63 0.00	62.28 2.28 0.00	56.02 1.26 0.00	52.60 0.83 0.00	47.55 0.47 0.00	43.51 0.00 0.00	39.54 -0.24 0.00
BLISS_WT_PWR 323608	37.15 -0.15 0.00	35.34 -0.21 0.00	35.66 -0.11 0.00	36.03 0.11 0.00	35.96 -0.14 0.00	41.33 0.45 0.00	48.62 -0.74 0.00	54.03 -1.27 0.00	53.18 -1.20 0.00	46.09 -0.75 0.00	43.95 -0.31 0.00	41.81 -0.46 0.00	42.63 -0.52 0.00	46.87 0.14 0.00	49.25 -0.75 0.00	51.22 -1.70 0.00	54.17 -2.20 0.00	63.63 -2.04 0.00	56.88 -3.12 0.00	51.75 -3.01 0.00	47.79 -3.99 0.00	43.78 -3.30 0.00	41.76 -1.74 0.00	38.51 -1.27 0.00
BLUESTONE___WT_PWR 323821	39.09 1.79 0.00	37.37 1.81 0.00	37.63 1.86 0.00	37.68 1.76 0.00	37.88 1.77 0.00	43.16 2.29 0.00	52.32 2.96 0.00	60.56 5.26 0.00	58.84 4.46 0.00	50.50 3.66 0.00	47.71 3.45 0.00	45.58 3.30 0.00	46.51 3.37 0.00	50.56 3.83 0.00	54.05 4.05 0.00	57.14 4.23 0.00	61.27 4.90 0.00	70.13 4.47 0.00	64.02 4.02 0.00	58.16 3.40 0.00	54.57 2.79 0.00	49.52 2.45 0.00	45.59 2.09 0.00	41.61 1.83 0.00
BLUE_CIRC_CHEM_DRP 24182	38.09 0.78 0.00	36.30 0.75 0.00	36.52 0.75 0.00	36.64 0.72 0.00	36.79 0.69 0.00	41.57 0.69 0.00	50.30 0.94 0.00	56.63 1.33 0.00	55.20 0.82 0.00	47.36 0.52 0.00	44.61 0.35 0.00	42.70 0.42 0.00	43.53 0.39 0.00	47.10 0.37 0.00	50.50 0.50 0.00	53.65 0.74 0.00	57.78 1.41 0.00	67.44 1.77 0.00	61.74 1.74 0.00	56.13 1.37 0.00	52.97 1.19 0.00	48.16 1.08 0.00	44.38 0.87 0.00	40.66 0.88 0.00
BOC_GAS_DRP 24189	37.90 0.60 0.00	36.09 0.53 0.00	36.31 0.54 0.00	36.43 0.50 0.00	36.61 0.51 0.00	41.32 0.45 0.00	50.00 0.64 0.00	56.41 1.11 0.00	55.03 0.65 0.00	47.36 0.52 0.00	44.70 0.44 0.00	42.74 0.47 0.00	43.58 0.43 0.00	47.10 0.37 0.00	50.45 0.45 0.00	53.49 0.58 0.00	57.61 1.24 0.00	67.24 1.58 0.00	61.50 1.50 0.00	55.91 1.15 0.00	52.76 0.98 0.00	47.97 0.89 0.00	44.16 0.65 0.00	40.46 0.68 0.00
BOONVILLE_115KV_TB1 79983	37.68 0.37 0.00	36.05 0.50 0.00	36.27 0.50 0.00	36.35 0.43 0.00	36.58 0.47 0.00	41.77 0.90 0.00	50.94 1.58 0.00	57.46 2.16 0.00	56.28 1.90 0.00	48.06 1.22 0.00	45.46 1.20 0.00	43.42 1.14 0.00	44.31 1.16 0.00	48.27 1.54 0.00	51.70 1.70 0.00	54.66 1.75 0.00	58.40 2.03 0.00	68.16 2.50 0.00	62.16 2.16 0.00	56.52 1.75 0.00	53.07 1.29 0.00	48.11 1.04 0.00	44.20 0.70 0.00	40.34 0.56 0.00
BORALEX_4TH_BRANCH 23824	38.94 1.64 0.00	37.08 1.53 0.00	37.20 1.43 0.00	37.36 1.44 0.00	37.59 1.48 0.00	42.63 1.76 0.00	51.63 2.27 0.00	58.51 3.21 0.00	56.67 2.28 0.00	48.67 1.83 0.00	45.81 1.55 0.00	43.88 1.61 0.00	44.66 1.51 0.00	47.89 1.17 0.00	51.45 1.45 0.00	54.71 1.80 0.00	59.58 3.21 0.00	69.67 4.01 0.00	63.90 3.90 0.00	58.05 3.29 0.00	54.73 2.95 0.00	49.71 2.64 0.00	45.72 2.22 0.00	41.97 2.19 0.00
BOWLINE___1 23526	38.76 1.45 0.00	36.91 1.35 0.00	36.88 1.11 0.00	36.93 1.00 0.00	37.12 1.01 0.00	42.02 1.14 0.00	50.94 1.58 0.00	57.95 2.65 0.00	56.45 2.07 0.00	48.62 1.78 0.00	45.98 1.72 0.00	43.97 1.69 0.00	44.83 1.68 0.00	48.46 1.73 0.00	51.75 1.75 0.00	55.08 2.17 0.00	59.52 3.15 0.00	69.54 3.87 0.00	63.54 3.54 0.00	57.72 2.96 0.00	54.26 2.49 0.00	49.34 2.26 0.00	45.25 1.74 0.00	41.38 1.59 0.00
BOWLINE___2 23595	38.72 1.42 0.00	36.87 1.32 0.00	36.88 1.11 0.00	36.93 1.00 0.00	37.08 0.98 0.00	41.98 1.10 0.00	50.89 1.53 0.00	57.90 2.60 0.00	56.39 2.01 0.00	48.58 1.73 0.00	45.94 1.68 0.00	43.92 1.65 0.00	44.78 1.64 0.00	48.41 1.68 0.00	51.70 1.70 0.00	55.03 2.12 0.00	59.47 3.10 0.00	69.40 3.74 0.00	63.42 3.42 0.00	57.66 2.90 0.00	54.21 2.43 0.00	49.29 2.21 0.00	45.20 1.70 0.00	41.38 1.59 0.00
BRADY___115KV_TB2 356060	38.46 1.16 0.00	37.08 1.53 0.00	37.24 1.47 0.00	37.29 1.37 0.00	37.81 1.70 0.00	43.78 2.90 0.00	54.05 4.69 0.00	60.83 5.53 0.00	59.71 5.33 0.00	50.50 3.65 0.00	47.93 3.67 0.00	45.53 3.26 0.00	46.60 3.45 0.00	50.93 4.21 0.00	54.95 4.95 0.00	58.04 5.13 0.00	61.67 5.30 0.00	72.10 6.43 0.00	65.64 5.64 0.00	59.80 5.04 0.00	56.64 4.87 0.00	51.13 4.05 0.00	46.64 3.13 0.00	42.29 2.51 0.00
BRANSCOMB___SOLAR 323811	38.68 1.38 0.00	36.94 1.39 0.00	37.06 1.29 0.00	37.15 1.22 0.00	37.30 1.19 0.00	42.39 1.51 0.00	51.48 2.12 0.00	58.01 2.71 0.00	56.39 2.01 0.00	48.25 1.40 0.00	45.37 1.11 0.00	43.42 1.14 0.00	44.27 1.12 0.00	47.94 1.21 0.00	51.50 1.50 0.00	54.87 1.96 0.00	59.24 2.87 0.00	69.34 3.67 0.00	63.30 3.30 0.00	57.56 2.79 0.00	54.16 2.38 0.00	49.15 2.07 0.00	45.25 1.74 0.00	41.49 1.71 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.25 2.95 0.00	37.62 2.06 0.00	37.34 1.57 0.00	37.36 1.44 0.00	37.62 1.52 0.00	43.00 2.13 0.00	51.23 1.88 0.00	58.62 3.32 0.00	56.99 2.61 0.00	49.05 2.20 0.00	47.00 2.74 0.00	45.24 2.96 0.00	45.99 2.85 0.00	49.34 2.62 0.00	52.65 2.65 0.00	55.93 3.02 0.00	61.89 5.52 0.00	72.76 7.09 -0.01	66.12 6.12 0.00	59.75 4.98 0.00	55.92 4.14 0.00	50.56 3.48 0.00	46.77 3.26 0.00	42.21 2.43 0.00

BRISTLHL_115KV_TB1 79998	36.30 -1.01 0.00	34.52 -1.03 0.00	34.77 -1.00 0.00	34.95 -0.97 0.00	35.10 -1.01 0.00	40.79 -0.08 0.00	49.36 0.00 0.00	55.74 0.44 0.00	54.49 0.11 0.00	46.94 0.09 0.00	44.35 0.09 0.00	42.36 0.08 0.00	43.23 0.09 0.00	46.96 0.23 0.00	50.15 0.15 0.00	53.02 0.11 0.00	56.65 0.28 0.00	66.06 0.39 0.00	60.24 0.24 0.00	53.29 -1.48 0.00	50.17 -1.61 0.00	45.62 -1.46 0.00	42.24 -1.26 0.00	38.63 -1.15 0.00
BROOKHAVEN___DRP 24191	40.03 2.72 0.00	37.26 1.71 0.00	36.95 1.18 0.00	37.04 1.11 0.00	37.26 1.16 0.00	42.59 1.72 0.00	50.69 1.33 0.00	58.07 2.77 0.00	56.45 2.07 0.00	48.53 1.69 0.00	46.34 2.08 0.00	44.52 2.24 0.00	45.30 2.16 0.00	48.32 1.59 0.00	51.65 1.65 0.00	54.92 2.01 0.00	61.16 4.79 0.00	72.30 6.63 -0.01	65.58 5.58 0.00	59.25 4.49 0.00	55.19 3.42 0.00	49.62 2.54 0.00	45.81 2.31 0.00	41.49 1.71 0.00
BROOKLYN_NAVY_YARD 23515	39.13 1.83 0.00	37.19 1.64 0.00	37.13 1.36 0.00	37.15 1.22 0.00	37.30 1.19 0.00	42.34 1.47 0.00	51.48 2.12 0.00	58.73 3.43 0.00	57.32 2.93 0.00	49.37 2.53 0.00	46.74 2.48 0.00	44.73 2.45 0.00	45.65 2.50 0.00	49.39 2.66 0.00	52.75 2.75 0.00	56.08 3.17 0.00	60.54 4.17 0.00	70.79 5.13 0.00	64.62 4.62 0.00	58.60 3.83 0.00	55.14 3.36 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.77 1.99 0.00
BROOKLYN___ARMY_DRP 323595	39.62 2.31 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.29 3.98 -0.01	57.82 3.43 -0.01	49.80 2.95 -0.01	47.15 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.21 3.20 -0.01	56.36 3.44 -0.01	61.00 4.62 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	58.99 4.22 -0.01	55.56 3.78 -0.01	50.52 3.44 -0.01	46.21 2.70 -0.01	42.26 2.47 -0.01
BROOKVLE_69_KV_TB1 55790	39.69 2.39 0.00	37.44 1.88 0.00	37.27 1.50 0.00	37.32 1.40 0.00	37.52 1.41 0.00	42.76 1.88 0.00	51.38 2.02 0.00	58.67 3.37 0.00	57.10 2.72 0.00	49.23 2.39 0.00	46.92 2.66 0.00	45.02 2.75 0.00	45.86 2.72 0.00	49.39 2.66 0.00	52.70 2.70 0.00	55.71 2.80 0.00	60.88 4.51 0.00	71.39 5.71 -0.01	65.04 5.04 0.00	58.82 4.05 0.00	55.30 3.52 0.00	50.37 3.30 0.00	46.38 2.87 0.00	42.09 2.31 0.00
BROOME_2_LFGE 323671	37.60 0.30 0.00	35.81 0.25 0.00	36.05 0.28 0.00	36.28 0.36 0.00	36.43 0.32 0.00	41.37 0.49 0.00	49.80 0.44 0.00	56.07 0.77 0.00	54.81 0.43 0.00	47.18 0.33 0.00	44.61 0.35 0.00	42.57 0.30 0.00	43.49 0.34 0.00	47.24 0.51 0.00	50.35 0.35 0.00	53.28 0.37 0.00	56.65 0.28 0.00	66.13 0.46 0.00	60.24 0.24 0.00	54.82 0.05 0.00	51.36 -0.42 0.00	46.75 -0.33 0.00	43.51 0.00 0.00	39.86 0.08 0.00
BROOME___LFGE 323600	37.60 0.30 0.00	35.81 0.25 0.00	36.05 0.28 0.00	36.28 0.36 0.00	36.43 0.32 0.00	41.37 0.49 0.00	49.80 0.44 0.00	56.07 0.77 0.00	54.81 0.43 0.00	47.18 0.33 0.00	44.61 0.35 0.00	42.57 0.30 0.00	43.49 0.34 0.00	47.24 0.51 0.00	50.35 0.35 0.00	53.28 0.37 0.00	56.65 0.28 0.00	66.13 0.46 0.00	60.24 0.24 0.00	54.82 0.05 0.00	51.36 -0.42 0.00	46.75 -0.33 0.00	43.51 0.00 0.00	39.86 0.08 0.00
BROWNFLS_115KV_TB_3_5 80003	36.74 -0.56 0.00	35.31 -0.25 0.00	35.48 -0.29 0.00	35.56 -0.36 0.00	35.93 -0.18 0.00	41.41 0.53 0.00	50.99 1.63 0.00	57.46 2.16 0.00	56.39 2.01 0.00	47.88 1.03 0.00	45.37 1.11 0.00	43.16 0.89 0.00	44.14 0.99 0.00	48.32 1.59 0.00	51.95 1.95 0.00	54.92 2.01 0.00	58.34 1.97 0.00	68.09 2.43 0.00	62.04 2.04 0.00	56.35 1.59 0.00	53.12 1.35 0.00	47.97 0.89 0.00	43.85 0.35 0.00	39.86 0.08 0.00
BROWNSV1_27_KV_LOAD 356125	39.50 2.20 0.00	37.51 1.96 0.00	37.45 1.68 0.00	37.47 1.54 0.00	37.59 1.48 0.00	42.67 1.80 0.00	51.93 2.57 0.00	59.23 3.93 0.00	57.81 3.43 0.00	49.80 2.95 0.00	47.14 2.88 0.00	45.07 2.79 0.00	45.99 2.85 0.00	49.81 3.08 0.00	53.20 3.20 0.00	56.30 3.39 0.00	60.93 4.57 0.00	71.38 5.71 0.00	65.16 5.16 0.00	58.98 4.22 0.00	55.55 3.78 0.00	50.47 3.39 0.00	46.20 2.70 0.00	42.17 2.39 0.00
BURROWS___LYONSDAL 23803	37.45 0.15 0.00	35.87 0.32 0.00	36.06 0.29 0.00	36.14 0.22 0.00	36.40 0.29 0.00	41.65 0.78 0.00	50.94 1.58 0.00	57.51 2.21 0.00	56.28 1.90 0.00	47.97 1.12 0.00	45.37 1.11 0.00	43.29 1.01 0.00	44.22 1.08 0.00	48.27 1.54 0.00	51.70 1.70 0.00	54.66 1.75 0.00	58.40 2.03 0.00	68.16 2.50 0.00	62.16 2.16 0.00	56.46 1.70 0.00	52.97 1.19 0.00	47.92 0.85 0.00	43.98 0.48 0.00	40.10 0.32 0.00
CAITHNESS_CC_1 323624	39.62 2.31 0.00	37.26 1.71 0.00	36.95 1.18 0.00	37.00 1.08 0.00	37.23 1.12 0.00	42.55 1.68 0.00	50.64 1.28 0.00	57.85 2.55 0.00	56.34 1.95 0.00	48.44 1.59 0.00	46.34 2.08 0.00	44.47 2.20 0.00	45.30 2.16 0.00	48.41 1.68 0.00	51.50 1.50 0.00	55.34 2.44 0.00	61.22 4.85 0.00	71.58 5.91 -0.01	65.34 5.34 0.00	59.26 4.49 0.00	55.76 3.99 0.00	50.18 3.11 0.00	45.90 2.39 0.00	41.53 1.75 0.00
CALPINE BETH_PAGE_GT4 24209	39.77 2.46 0.00	37.33 1.78 0.00	37.09 1.32 0.00	37.11 1.19 0.00	37.34 1.23 0.00	42.63 1.76 0.00	50.89 1.53 0.00	58.12 2.82 0.00	56.56 2.18 0.00	48.81 1.97 0.00	46.69 2.43 0.00	44.90 2.62 0.00	45.69 2.55 0.00	49.06 2.34 0.00	52.10 2.10 0.00	55.24 2.33 0.00	60.76 4.40 0.00	71.32 5.65 -0.01	64.98 4.98 0.00	58.71 3.94 0.00	55.09 3.31 0.00	50.18 3.11 0.00	46.38 2.87 0.00	41.93 2.15 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.58 2.28 0.00	37.33 1.78 0.00	37.09 1.32 0.00	37.11 1.18 0.00	37.34 1.23 0.00	42.63 1.76 0.00	50.89 1.53 0.00	58.01 2.71 0.00	56.56 2.18 0.00	48.77 1.92 0.00	46.69 2.43 0.00	44.90 2.62 0.00	45.69 2.54 0.00	49.06 2.34 0.00	51.95 1.95 0.00	55.61 2.70 0.00	60.88 4.51 0.00	71.25 5.58 -0.01	64.92 4.92 0.00	58.82 4.05 0.00	55.34 3.57 0.00	50.42 3.34 0.00	46.38 2.87 0.00	41.93 2.15 0.00
CALPINE_BP_GT1 23823	39.58 2.28 0.00	37.33 1.78 0.00	37.09 1.32 0.00	37.11 1.18 0.00	37.34 1.23 0.00	42.63 1.76 0.00	50.89 1.53 0.00	58.01 2.71 0.00	56.56 2.18 0.00	48.77 1.92 0.00	46.69 2.43 0.00	44.90 2.62 0.00	45.69 2.54 0.00	49.06 2.34 0.00	51.95 1.95 0.00	55.61 2.70 0.00	60.88 4.51 0.00	71.25 5.58 -0.01	64.92 4.92 0.00	58.82 4.05 0.00	55.34 3.57 0.00	50.42 3.34 0.00	46.38 2.87 0.00	41.93 2.15 0.00
CALSPAN___DRP 24200	36.82 -0.48 0.00	35.02 -0.53 0.00	35.27 -0.50 0.00	35.67 -0.25 0.00	35.64 -0.47 0.00	40.87 0.00 0.00	47.98 -1.38 0.00	53.03 -2.27 0.00	52.26 -2.12 0.00	45.16 -1.69 0.00	42.98 -1.28 0.00	40.84 -1.44 0.00	41.76 -1.38 0.00	45.84 -0.89 0.00	48.15 -1.85 0.00	50.26 -2.65 0.00	52.99 -3.38 0.00	62.05 -3.61 0.00	55.86 -4.14 0.00	50.77 -4.00 0.00	46.91 -4.87 0.00	42.89 -4.19 0.00	41.50 -2.00 0.00	38.19 -1.59 0.00

CALVERTON___SOLAR 323806	39.69 2.39 0.00	37.30 1.74 0.00	36.99 1.22 0.00	37.07 1.15 0.00	37.34 1.23 0.00	42.67 1.80 0.00	50.84 1.48 0.00	58.12 2.82 0.00	56.61 2.23 0.00	48.62 1.78 0.00	46.38 2.12 0.00	44.47 2.20 0.00	45.34 2.20 0.00	48.32 1.59 0.00	51.45 1.45 0.00	55.34 2.44 0.00	61.44 5.08 0.00	71.84 6.17 -0.01	65.64 5.64 0.00	59.53 4.76 0.00	55.97 4.19 0.00	50.23 3.15 0.00	45.81 2.30 0.00	41.49 1.71 0.00
CANDIGU_WT_PWR 323617	37.34 0.04 0.00	35.52 -0.04 0.00	35.84 0.07 0.00	36.14 0.22 0.00	36.25 0.15 0.00	41.45 0.57 0.00	49.41 0.05 0.00	55.25 -0.06 0.00	54.06 -0.32 0.00	46.57 -0.28 0.00	44.13 -0.13 0.00	42.02 -0.25 0.00	42.93 -0.21 0.00	46.87 0.14 0.00	49.70 -0.30 0.00	52.28 -0.63 0.00	55.29 -1.07 0.00	64.68 -0.98 0.00	58.50 -1.50 0.00	53.12 -1.64 0.00	49.08 -2.69 0.00	44.72 -2.35 0.00	42.24 -1.26 0.00	38.79 -0.99 0.00
CARR STREET_E_SYR 24060	36.74 -0.56 0.00	34.98 -0.57 0.00	35.20 -0.57 0.00	35.39 -0.54 0.00	35.53 -0.58 0.00	40.39 -0.49 0.00	48.62 -0.74 0.00	54.75 -0.55 0.00	53.57 -0.81 0.00	46.19 -0.66 0.00	43.64 -0.62 0.00	41.64 -0.63 0.00	42.54 -0.60 0.00	46.12 -0.61 0.00	49.25 -0.75 0.00	52.12 -0.79 0.00	55.58 -0.79 0.00	64.74 -0.92 0.00	59.10 -0.90 0.00	53.72 -1.04 0.00	50.48 -1.29 0.00	46.04 -1.04 0.00	42.72 -0.78 0.00	39.11 -0.68 0.00
CARTHAGE___PAPER 23857	36.78 -0.52 0.00	35.23 -0.32 0.00	35.41 -0.36 0.00	35.46 -0.47 0.00	35.75 -0.36 0.00	41.24 0.37 0.00	50.74 1.38 0.00	57.45 2.15 0.00	56.17 1.79 0.00	47.78 0.94 0.00	45.19 0.93 0.00	43.08 0.80 0.00	44.01 0.86 0.00	48.18 1.45 0.00	51.65 1.65 0.00	54.65 1.74 0.00	58.39 2.03 0.00	67.24 1.57 0.00	62.10 2.10 0.00	56.13 1.37 0.00	52.71 0.93 0.00	47.55 0.47 0.00	43.51 0.00 0.00	39.55 -0.24 0.00
CASSADAGA_WT_PWR 323784	37.68 0.37 0.00	35.81 0.25 0.00	36.09 0.32 0.00	36.50 0.57 0.00	36.51 0.40 0.00	42.02 1.14 0.00	49.51 0.15 0.00	54.97 -0.33 0.00	54.11 -0.27 0.00	46.70 -0.14 0.00	44.57 0.31 0.00	42.32 0.04 0.00	43.32 0.17 0.00	47.61 0.89 0.00	50.05 0.05 0.00	52.22 -0.69 0.00	54.85 -1.52 0.00	64.41 -1.25 0.00	57.60 -2.40 0.00	52.14 -2.63 0.00	47.68 -4.09 0.00	43.36 -3.72 0.00	41.64 -1.87 0.00	38.19 -1.59 0.00
CE_DUNWOOD___DRP 24194	39.06 1.75 0.00	37.12 1.56 0.00	37.13 1.36 0.00	37.14 1.22 0.00	37.30 1.19 0.00	42.31 1.43 0.00	51.33 1.97 0.00	58.40 3.10 0.00	56.94 2.56 0.00	49.00 2.15 0.00	46.34 2.08 0.00	44.35 2.07 0.00	45.22 2.07 0.00	48.88 2.15 0.00	52.25 2.25 0.00	55.40 2.49 0.00	59.98 3.61 0.00	70.19 4.53 0.00	64.14 4.14 0.00	58.16 3.40 0.00	54.73 2.95 0.00	49.71 2.64 0.00	45.59 2.09 0.00	41.69 1.91 0.00
CE_MILLWOOD___DRP 24193	38.98 1.68 0.00	37.08 1.53 0.00	37.06 1.29 0.00	37.11 1.19 0.00	37.26 1.16 0.00	42.22 1.35 0.00	51.23 1.88 0.00	58.29 2.99 0.00	56.83 2.45 0.00	48.91 2.06 0.00	46.25 1.99 0.00	44.22 1.94 0.00	45.09 1.94 0.00	48.74 2.01 0.00	52.15 2.15 0.00	55.24 2.33 0.00	59.81 3.44 0.00	70.06 4.40 0.00	63.96 3.96 0.00	57.99 3.23 0.00	54.62 2.85 0.00	49.62 2.54 0.00	45.51 2.00 0.00	41.61 1.83 0.00
CE_NYC2_DRP 24202	39.35 2.05 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.32 1.40 0.00	37.44 1.34 0.00	42.43 1.55 0.00	51.58 2.22 0.00	58.89 3.59 0.00	57.43 3.05 0.00	49.47 2.62 0.00	46.83 2.57 0.00	44.81 2.54 0.00	45.69 2.55 0.00	49.48 2.76 0.00	52.85 2.85 0.00	55.98 3.07 0.00	60.54 4.17 0.00	70.92 5.25 0.00	64.74 4.74 0.00	58.60 3.83 0.00	55.19 3.42 0.00	50.18 3.11 0.00	45.90 2.39 0.00	41.93 2.15 0.00
CE_NYC_DRP 24195	39.14 1.90 0.06	37.26 1.71 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	41.95 1.55 0.48	50.18 2.22 1.40	58.53 3.54 0.31	56.94 2.99 0.44	48.77 2.62 0.69	46.07 2.52 0.71	44.34 2.49 0.43	45.17 2.55 0.52	48.64 2.71 0.80	51.84 2.80 0.96	54.73 3.02 1.20	58.97 4.11 1.52	69.28 5.19 1.57	63.11 4.68 1.57	56.97 3.78 1.57	53.67 3.37 1.47	49.77 3.06 0.36	45.33 2.35 0.52	41.43 2.07 0.42
CHAFFEE___LFGE 323603	36.89 -0.41 0.00	35.06 -0.50 0.00	35.34 -0.43 0.00	35.71 -0.21 0.00	35.68 -0.43 0.00	40.96 0.08 0.00	48.08 -1.28 0.00	53.20 -2.10 0.00	52.37 -2.01 0.00	45.25 -1.59 0.00	43.07 -1.19 0.00	40.92 -1.35 0.00	41.85 -1.29 0.00	45.93 -0.79 0.00	48.35 -1.65 0.00	50.58 -2.33 0.00	53.10 -3.27 0.00	62.45 -3.22 0.00	56.16 -3.84 0.00	51.04 -3.73 0.00	47.01 -4.76 0.00	43.08 -4.00 0.00	41.64 -1.87 0.00	38.31 -1.47 0.00
CHATEAUG_35_KV_LOAD 355732	37.00 -0.30 0.00	35.45 -0.11 0.00	35.70 -0.07 0.00	35.92 0.00 0.00	36.40 0.29 0.00	41.49 0.61 0.00	50.40 1.04 0.00	55.69 0.39 0.00	55.58 1.20 0.00	47.74 0.89 0.00	45.23 0.97 0.00	43.04 0.76 0.00	43.96 0.82 0.00	47.89 1.17 0.00	51.65 1.65 0.00	54.76 1.85 0.00	57.21 0.85 0.00	66.58 0.92 0.00	60.66 0.66 0.00	56.13 1.37 0.00	53.59 1.81 0.00	48.49 1.41 0.00	44.72 1.22 0.00	40.58 0.80 0.00
CHATEAUG_WT_PWR 323614	36.82 -0.49 0.00	35.27 -0.29 0.00	35.52 -0.25 0.00	35.74 -0.18 0.00	36.18 0.07 0.00	41.24 0.37 0.00	50.10 0.74 0.00	55.52 0.22 0.00	55.31 0.92 0.00	47.55 0.70 0.00	45.06 0.80 0.00	42.82 0.55 0.00	43.75 0.60 0.00	47.71 0.98 0.00	51.35 1.35 0.00	54.34 1.43 0.00	57.38 1.02 0.00	65.99 0.33 0.00	60.36 0.36 0.00	55.80 1.04 0.00	53.28 1.50 0.00	48.25 1.18 0.00	44.51 1.00 0.00	40.46 0.68 0.00
CHAT_HIGH_FALL_HYD 323578	37.00 -0.30 0.00	35.45 -0.11 0.00	35.70 -0.07 0.00	35.92 0.00 0.00	36.40 0.29 0.00	41.49 0.61 0.00	50.40 1.04 0.00	55.69 0.39 0.00	55.58 1.20 0.00	47.74 0.89 0.00	45.23 0.97 0.00	43.04 0.76 0.00	43.96 0.82 0.00	47.89 1.17 0.00	51.65 1.65 0.00	54.76 1.85 0.00	57.21 0.85 0.00	66.58 0.92 0.00	60.66 0.66 0.00	56.13 1.37 0.00	53.59 1.81 0.00	48.49 1.41 0.00	44.72 1.22 0.00	40.58 0.80 0.00
CHAUTAUQUA___LFGE 323629	37.30 0.00 0.00	35.41 -0.14 0.00	35.70 -0.07 0.00	36.10 0.18 0.00	36.07 -0.04 0.00	41.45 0.57 0.00	48.72 -0.64 0.00	53.97 -1.33 0.00	53.18 -1.20 0.00	45.91 -0.94 0.00	43.77 -0.49 0.00	41.56 -0.72 0.00	42.50 -0.65 0.00	46.73 0.00 0.00	49.15 -0.85 0.00	51.32 -1.59 0.00	53.83 -2.54 0.00	63.23 -2.43 0.00	56.70 -3.30 0.00	51.42 -3.34 0.00	47.22 -4.56 0.00	43.12 -3.95 0.00	41.64 -1.87 0.00	38.31 -1.47 0.00
CHERRYST_13_KV_LD 356241	39.26 2.01 0.06	37.37 1.81 0.00	37.31 1.54 0.00	37.32 1.40 0.00	37.44 1.34 0.00	42.03 1.63 0.48	50.33 2.37 1.40	58.70 3.71 0.31	57.15 3.21 0.44	48.91 2.76 0.69	46.25 2.70 0.71	44.51 2.66 0.43	45.34 2.72 0.52	48.82 2.90 0.80	52.04 3.00 0.96	54.94 3.23 1.20	59.19 4.34 1.52	69.54 5.45 1.57	63.29 4.86 1.57	57.13 3.94 1.57	53.82 3.52 1.47	49.87 3.15 0.36	45.46 2.48 0.52	41.55 2.19 0.42

CHESTROR_138KV_BK263 355645	38.72 1.42 0.00	36.83 1.28 0.00	36.88 1.11 0.00	36.93 1.01 0.00	37.08 0.97 0.00	42.02 1.14 0.00	50.94 1.58 0.00	57.84 2.54 0.00	56.34 1.96 0.00	48.53 1.69 0.00	45.85 1.59 0.00	43.84 1.56 0.00	44.70 1.55 0.00	48.36 1.64 0.00	51.70 1.70 0.00	54.82 1.90 0.00	59.24 2.87 0.00	69.34 3.68 0.00	63.36 3.36 0.00	57.50 2.74 0.00	54.10 2.33 0.00	49.20 2.12 0.00	45.11 1.61 0.00	41.33 1.55 0.00
CH_MIDHUDSON___DRP 24192	39.17 1.87 0.00	37.26 1.71 0.00	37.31 1.54 0.00	37.36 1.44 0.00	37.52 1.41 0.00	42.55 1.68 0.00	51.58 2.22 0.00	58.51 3.21 0.00	56.99 2.61 0.00	49.00 2.15 0.00	46.30 2.04 0.00	44.26 1.99 0.00	45.04 1.90 0.00	48.74 2.01 0.00	52.15 2.15 0.00	55.34 2.43 0.00	60.03 3.66 0.00	70.26 4.60 0.00	64.26 4.26 0.00	58.21 3.45 0.00	54.78 3.00 0.00	49.76 2.68 0.00	45.64 2.13 0.00	41.85 2.07 0.00
CH_MISC_IPPS 23765	39.32 2.01 0.00	37.44 1.88 0.00	37.45 1.68 0.00	37.50 1.58 0.00	37.66 1.55 0.00	42.80 1.92 0.00	51.83 2.47 0.00	58.79 3.49 0.00	57.21 2.83 0.00	49.19 2.34 0.00	46.43 2.17 0.00	44.39 2.11 0.00	45.17 2.03 0.00	48.92 2.20 0.00	52.30 2.30 0.00	55.77 2.86 0.00	60.37 4.00 0.00	70.52 4.86 0.00	64.50 4.50 0.00	58.54 3.78 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.77 2.26 0.00	42.01 2.23 0.00
CH_RES_BVR_FALLS 23983	37.04 -0.26 0.00	35.38 -0.18 0.00	35.59 -0.18 0.00	35.78 -0.14 0.00	36.04 -0.07 0.00	40.83 -0.04 0.00	49.21 -0.15 0.00	54.86 -0.44 0.00	54.22 -0.16 0.00	46.70 -0.14 0.00	44.17 -0.09 0.00	42.15 -0.13 0.00	43.06 -0.09 0.00	46.68 -0.05 0.00	50.05 0.05 0.00	52.91 0.00 0.00	56.09 -0.28 0.00	65.27 -0.39 0.00	59.52 -0.48 0.00	54.55 -0.22 0.00	51.88 0.10 0.00	47.12 0.05 0.00	43.46 -0.04 0.00	39.62 -0.16 0.00
CH_RES_NIAGARA 23895	35.70 -1.60 0.00	33.95 -1.60 0.00	34.20 -1.57 0.00	34.59 -1.33 0.00	34.52 -1.59 0.00	39.57 -1.31 0.00	46.10 -3.26 0.00	50.66 -4.65 0.00	50.03 -4.35 0.00	43.24 -3.61 0.00	41.12 -3.14 0.00	39.11 -3.17 0.00	40.00 -3.15 0.00	43.83 -2.90 0.00	46.05 -3.95 0.00	48.10 -4.81 0.00	50.51 -5.86 0.00	59.16 -6.50 0.00	53.34 -6.66 0.00	48.52 -6.24 0.00	44.89 -6.89 0.00	41.15 -5.93 0.00	40.11 -3.39 0.00	37.00 -2.78 0.00
CH_RES_SYRACUSE 23985	36.78 -0.52 0.00	35.02 -0.53 0.00	35.23 -0.54 0.00	35.42 -0.50 0.00	35.57 -0.54 0.00	40.55 -0.33 0.00	48.96 -0.40 0.00	55.19 -0.11 0.00	54.00 -0.38 0.00	46.57 -0.28 0.00	43.95 -0.31 0.00	41.98 -0.29 0.00	42.89 -0.26 0.00	46.49 -0.23 0.00	49.65 -0.35 0.00	52.49 -0.43 0.00	56.03 -0.34 0.00	65.34 -0.33 0.00	59.64 -0.36 0.00	54.00 -0.77 0.00	50.79 -0.99 0.00	46.23 -0.85 0.00	42.85 -0.65 0.00	39.19 -0.60 0.00
CLINTON_WT_PWR 323605	36.82 -0.49 0.00	35.27 -0.29 0.00	35.52 -0.25 0.00	35.74 -0.18 0.00	36.18 0.07 0.00	41.24 0.37 0.00	50.10 0.74 0.00	55.52 0.22 0.00	55.31 0.92 0.00	47.55 0.70 0.00	45.06 0.80 0.00	42.82 0.55 0.00	43.75 0.60 0.00	47.71 0.98 0.00	51.35 1.35 0.00	54.34 1.43 0.00	57.38 1.02 0.00	65.99 0.33 0.00	60.36 0.36 0.00	55.80 1.04 0.00	53.28 1.50 0.00	48.25 1.18 0.00	44.51 1.00 0.00	40.46 0.68 0.00
CLINTON___LFGE 323618	37.42 0.11 0.00	35.81 0.25 0.00	36.05 0.28 0.00	36.32 0.40 0.00	36.79 0.68 0.00	42.02 1.14 0.00	51.09 1.73 0.00	56.57 1.27 0.00	56.28 1.90 0.00	48.25 1.40 0.00	45.77 1.51 0.00	43.50 1.23 0.00	44.44 1.29 0.00	48.46 1.73 0.00	52.20 2.20 0.00	55.24 2.33 0.00	58.39 2.03 0.00	67.11 1.44 0.00	61.32 1.32 0.00	56.73 1.97 0.00	54.26 2.49 0.00	49.05 1.98 0.00	45.25 1.74 0.00	41.09 1.31 0.00
COBBLENY_34_KV_TB1 80064	36.89 -0.41 0.00	35.06 -0.50 0.00	35.34 -0.43 0.00	35.71 -0.22 0.00	35.67 -0.43 0.00	40.96 0.08 0.00	48.08 -1.28 0.00	53.14 -2.16 0.00	52.37 -2.01 0.00	45.25 -1.59 0.00	43.07 -1.20 0.00	40.92 -1.35 0.00	41.85 -1.29 0.00	45.93 -0.79 0.00	48.25 -1.75 0.00	50.37 -2.54 0.00	53.10 -3.27 0.00	62.25 -3.41 0.00	56.04 -3.96 0.00	50.93 -3.83 0.00	47.06 -4.71 0.00	43.03 -4.05 0.00	41.59 -1.91 0.00	38.27 -1.51 0.00
COFFEEN___115KV_TB3 355620	36.97 -0.34 0.00	35.45 -0.11 0.00	35.63 -0.14 0.00	35.64 -0.29 0.00	35.89 -0.22 0.00	41.53 0.65 0.00	51.04 1.68 0.00	57.95 2.65 0.00	56.61 2.23 0.00	48.16 1.31 0.00	45.59 1.33 0.00	43.46 1.18 0.00	44.40 1.25 0.00	48.55 1.82 0.00	52.05 2.05 0.00	54.97 2.06 0.00	58.73 2.37 0.00	68.75 3.09 0.00	62.70 2.70 0.00	56.35 1.59 0.00	52.91 1.14 0.00	47.83 0.75 0.00	43.72 0.22 0.00	39.78 0.00 0.00
COLDSPRG_115KV_BK1 355956	37.97 0.67 0.00	36.09 0.53 0.00	36.38 0.61 0.00	36.79 0.86 0.00	36.76 0.65 0.00	42.26 1.39 0.00	49.90 0.54 0.00	55.41 0.11 0.00	54.49 0.11 0.00	47.08 0.23 0.00	44.88 0.62 0.00	42.57 0.30 0.00	43.53 0.39 0.00	47.89 1.17 0.00	50.25 0.25 0.00	52.28 -0.63 0.00	55.41 -0.96 0.00	64.94 -0.72 0.00	58.32 -1.68 0.00	52.96 -1.81 0.00	48.72 -3.05 0.00	44.39 -2.68 0.00	42.63 -0.87 0.00	39.11 -0.68 0.00
COLONIE_LFGE___ 323577	38.50 1.19 0.00	36.69 1.14 0.00	36.84 1.07 0.00	36.97 1.04 0.00	37.16 1.05 0.00	42.10 1.23 0.00	51.04 1.68 0.00	57.57 2.27 0.00	56.01 1.63 0.00	48.11 1.27 0.00	45.28 1.02 0.00	43.37 1.10 0.00	44.18 1.03 0.00	47.66 0.93 0.00	51.15 1.15 0.00	54.45 1.54 0.00	58.84 2.48 0.00	68.69 3.02 0.00	62.82 2.82 0.00	57.17 2.41 0.00	53.85 2.07 0.00	48.87 1.79 0.00	45.03 1.52 0.00	41.29 1.51 0.00
COOPERNY_115KV_TB1 80082	38.46 1.16 0.00	36.62 1.07 0.00	36.74 0.97 0.00	36.79 0.86 0.00	36.94 0.83 0.00	41.82 0.94 0.00	50.64 1.28 0.00	57.40 2.10 0.00	56.01 1.63 0.00	48.20 1.36 0.00	45.59 1.33 0.00	43.59 1.31 0.00	44.44 1.29 0.00	48.08 1.36 0.00	51.40 1.40 0.00	54.44 1.53 0.00	58.73 2.37 0.00	68.62 2.95 0.00	62.76 2.76 0.00	57.01 2.25 0.00	53.69 1.92 0.00	48.77 1.69 0.00	44.85 1.35 0.00	41.06 1.27 0.00
COPENHAGEN_WT_PWR 323753	36.74 -0.56 0.00	35.16 -0.39 0.00	35.38 -0.39 0.00	35.42 -0.50 0.00	35.64 -0.47 0.00	41.24 0.37 0.00	50.59 1.23 0.00	57.40 2.10 0.00	56.07 1.69 0.00	47.78 0.94 0.00	45.19 0.93 0.00	43.08 0.80 0.00	44.05 0.91 0.00	48.13 1.40 0.00	51.55 1.55 0.00	54.50 1.59 0.00	58.22 1.86 0.00	67.37 1.70 0.00	61.98 1.98 0.00	55.75 0.99 0.00	52.35 0.57 0.00	47.31 0.24 0.00	43.33 -0.17 0.00	39.46 -0.32 0.00
CORNELL_____ 23752	37.97 0.67 0.00	36.12 0.57 0.00	36.38 0.61 0.00	36.61 0.68 0.00	36.76 0.65 0.00	41.82 0.94 0.00	50.54 1.18 0.00	56.63 1.33 0.00	55.36 0.98 0.00	47.69 0.84 0.00	45.01 0.75 0.00	42.95 0.68 0.00	43.88 0.73 0.00	47.61 0.89 0.00	50.80 0.80 0.00	53.65 0.74 0.00	57.33 0.96 0.00	67.30 1.64 0.00	61.38 1.38 0.00	55.80 1.04 0.00	52.34 0.57 0.00	47.59 0.52 0.00	44.16 0.65 0.00	40.38 0.60 0.00

CORONA V_69_KV_TB1 355595	39.73 2.42 0.00	37.40 1.85 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.44 1.34 0.00	42.71 1.84 0.00	51.14 1.78 0.00	58.40 3.10 0.00	56.77 2.39 0.00	49.00 2.15 0.00	46.83 2.57 0.00	44.99 2.71 0.00	45.78 2.63 0.00	49.25 2.52 0.00	52.50 2.50 0.00	55.71 2.80 0.00	61.05 4.68 0.00	71.65 5.98 -0.02	65.28 5.28 0.00	59.04 4.27 0.00	55.40 3.62 0.00	50.33 3.25 0.00	46.38 2.87 0.00	42.05 2.27 0.00
CORTLAND_115KV_TB3 80093	37.68 0.37 0.00	35.87 0.32 0.00	36.13 0.36 0.00	36.32 0.40 0.00	36.47 0.36 0.00	41.45 0.57 0.00	50.10 0.74 0.00	56.35 1.05 0.00	55.09 0.71 0.00	47.45 0.61 0.00	44.84 0.58 0.00	42.78 0.51 0.00	43.66 0.52 0.00	47.43 0.70 0.00	50.60 0.60 0.00	53.44 0.53 0.00	57.04 0.68 0.00	66.65 0.98 0.00	60.78 0.78 0.00	55.26 0.49 0.00	51.88 0.10 0.00	47.17 0.09 0.00	43.77 0.26 0.00	40.06 0.28 0.00
COXSACKIE___GT 23611	39.39 2.09 0.00	37.62 2.06 0.00	37.74 1.97 0.00	37.90 1.97 0.00	38.02 1.91 0.00	43.41 2.54 0.00	52.47 3.11 0.00	58.73 3.43 0.00	56.94 2.56 0.00	48.58 1.73 0.00	45.54 1.28 0.00	43.46 1.18 0.00	44.18 1.03 0.00	47.99 1.26 0.00	51.55 1.55 0.00	55.24 2.33 0.00	59.86 3.50 0.00	70.13 4.47 0.00	64.32 4.32 0.00	58.22 3.45 0.00	54.72 2.95 0.00	49.62 2.54 0.00	45.55 2.05 0.00	42.17 2.39 0.00
CPV_VALLEY___CC1 323721	38.50 1.19 0.00	36.66 1.10 0.00	36.70 0.93 0.00	36.78 0.86 0.00	36.94 0.83 0.00	41.82 0.94 0.00	50.64 1.28 0.00	57.51 2.21 0.00	56.07 1.69 0.00	48.25 1.40 0.00	45.63 1.37 0.00	43.63 1.35 0.00	44.48 1.34 0.00	48.08 1.36 0.00	51.40 1.40 0.00	54.65 1.74 0.00	58.96 2.59 0.00	68.88 3.22 0.00	62.94 2.94 0.00	57.23 2.47 0.00	53.79 2.02 0.00	48.91 1.83 0.00	44.90 1.39 0.00	41.09 1.31 0.00
CPV_VALLEY___CC2 323722	38.50 1.19 0.00	36.66 1.10 0.00	36.70 0.93 0.00	36.78 0.86 0.00	36.94 0.83 0.00	41.82 0.94 0.00	50.64 1.28 0.00	57.51 2.21 0.00	56.07 1.69 0.00	48.25 1.40 0.00	45.63 1.37 0.00	43.63 1.35 0.00	44.48 1.34 0.00	48.08 1.36 0.00	51.40 1.40 0.00	54.65 1.74 0.00	58.96 2.59 0.00	68.88 3.22 0.00	62.94 2.94 0.00	57.23 2.47 0.00	53.79 2.02 0.00	48.91 1.83 0.00	44.90 1.39 0.00	41.09 1.31 0.00
CRESCENT___HYD 24018	38.50 1.19 0.00	36.69 1.14 0.00	36.84 1.07 0.00	36.97 1.04 0.00	37.16 1.05 0.00	42.10 1.23 0.00	51.04 1.68 0.00	57.57 2.27 0.00	56.01 1.63 0.00	48.11 1.27 0.00	45.28 1.02 0.00	43.37 1.10 0.00	44.18 1.03 0.00	47.66 0.93 0.00	51.15 1.15 0.00	54.45 1.54 0.00	58.84 2.48 0.00	68.69 3.02 0.00	62.82 2.82 0.00	57.17 2.41 0.00	53.85 2.07 0.00	48.87 1.79 0.00	45.03 1.52 0.00	41.29 1.51 0.00
CRICKET___VALLEY_CC1 323756	38.68 1.38 0.00	36.80 1.24 0.00	36.84 1.07 0.00	36.93 1.00 0.00	37.12 1.01 0.00	41.98 1.10 0.00	50.84 1.48 0.00	57.79 2.49 0.00	56.17 1.79 0.00	48.34 1.50 0.00	45.68 1.42 0.00	43.67 1.39 0.00	44.53 1.38 0.00	47.99 1.26 0.00	51.35 1.35 0.00	54.71 1.80 0.00	59.30 2.93 0.00	69.27 3.61 0.00	63.30 3.30 0.00	57.56 2.79 0.00	54.16 2.38 0.00	49.20 2.12 0.00	45.16 1.65 0.00	41.33 1.55 0.00
CRICKET___VALLEY_CC2 323757	38.68 1.38 0.00	36.80 1.24 0.00	36.84 1.07 0.00	36.93 1.00 0.00	37.12 1.01 0.00	41.98 1.10 0.00	50.84 1.48 0.00	57.79 2.49 0.00	56.17 1.79 0.00	48.34 1.50 0.00	45.68 1.42 0.00	43.67 1.39 0.00	44.53 1.38 0.00	47.99 1.26 0.00	51.35 1.35 0.00	54.71 1.80 0.00	59.30 2.93 0.00	69.27 3.61 0.00	63.30 3.30 0.00	57.56 2.79 0.00	54.16 2.38 0.00	49.20 2.12 0.00	45.16 1.65 0.00	41.33 1.55 0.00
CRICKET___VALLEY_CC3 323758	38.68 1.38 0.00	36.80 1.24 0.00	36.84 1.07 0.00	36.93 1.00 0.00	37.12 1.01 0.00	41.98 1.10 0.00	50.84 1.48 0.00	57.79 2.49 0.00	56.17 1.79 0.00	48.34 1.50 0.00	45.68 1.42 0.00	43.67 1.39 0.00	44.53 1.38 0.00	47.99 1.26 0.00	51.35 1.35 0.00	54.71 1.80 0.00	59.30 2.93 0.00	69.27 3.61 0.00	63.30 3.30 0.00	57.56 2.79 0.00	54.16 2.38 0.00	49.20 2.12 0.00	45.16 1.65 0.00	41.33 1.55 0.00
CRUCIBLE_METL_DRP 24180	36.78 -0.52 0.00	35.02 -0.53 0.00	35.23 -0.54 0.00	35.42 -0.50 0.00	35.57 -0.54 0.00	40.55 -0.33 0.00	48.96 -0.39 0.00	55.19 -0.11 0.00	54.00 -0.38 0.00	46.56 -0.28 0.00	43.95 -0.31 0.00	41.98 -0.30 0.00	42.89 -0.26 0.00	46.49 -0.23 0.00	49.65 -0.35 0.00	52.43 -0.48 0.00	56.03 -0.34 0.00	65.33 -0.33 0.00	59.64 -0.36 0.00	54.00 -0.77 0.00	50.79 -0.98 0.00	46.18 -0.89 0.00	42.85 -0.65 0.00	39.19 -0.60 0.00
DAHOWA___HYDRO 323763	38.68 1.38 0.00	37.01 1.46 0.00	37.06 1.29 0.00	37.15 1.22 0.00	37.34 1.23 0.00	42.43 1.55 0.00	51.58 2.22 0.00	58.06 2.76 0.00	56.45 2.07 0.00	48.34 1.50 0.00	45.41 1.15 0.00	43.46 1.18 0.00	44.27 1.12 0.00	48.03 1.31 0.00	51.60 1.60 0.00	54.92 2.01 0.00	59.35 2.99 0.00	69.40 3.74 0.00	63.42 3.42 0.00	57.66 2.90 0.00	54.21 2.43 0.00	49.20 2.12 0.00	45.25 1.74 0.00	41.49 1.71 0.00
DANC___LFGE 323619	36.48 -0.82 0.00	34.84 -0.71 0.00	35.05 -0.72 0.00	35.13 -0.79 0.00	35.35 -0.76 0.00	40.87 0.00 0.00	49.85 0.49 0.00	56.46 1.16 0.00	55.20 0.82 0.00	47.22 0.37 0.00	44.66 0.40 0.00	42.57 0.30 0.00	43.49 0.34 0.00	47.43 0.70 0.00	50.75 0.75 0.00	53.71 0.79 0.00	57.32 0.96 0.00	66.51 0.85 0.00	61.08 1.08 0.00	54.71 -0.05 0.00	51.42 -0.36 0.00	46.56 -0.52 0.00	42.81 -0.70 0.00	39.03 -0.76 0.00
DANSKAMMER___1 23586	39.32 2.01 0.00	37.44 1.88 0.00	37.45 1.68 0.00	37.50 1.58 0.00	37.66 1.55 0.00	42.80 1.92 0.00	51.83 2.47 0.00	58.79 3.49 0.00	57.21 2.83 0.00	49.19 2.34 0.00	46.43 2.17 0.00	44.39 2.11 0.00	45.17 2.03 0.00	48.92 2.20 0.00	52.30 2.30 0.00	55.77 2.86 0.00	60.37 4.00 0.00	70.52 4.86 0.00	64.50 4.50 0.00	58.54 3.78 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.77 2.26 0.00	42.01 2.23 0.00
DANSKAMMER___2 23589	39.32 2.01 0.00	37.44 1.88 0.00	37.45 1.68 0.00	37.50 1.58 0.00	37.66 1.55 0.00	42.80 1.92 0.00	51.83 2.47 0.00	58.79 3.49 0.00	57.21 2.83 0.00	49.19 2.34 0.00	46.43 2.17 0.00	44.39 2.11 0.00	45.17 2.03 0.00	48.92 2.20 0.00	52.30 2.30 0.00	55.77 2.86 0.00	60.37 4.00 0.00	70.52 4.86 0.00	64.50 4.50 0.00	58.54 3.78 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.77 2.26 0.00	42.01 2.23 0.00
DANSKAMMER___3 23590	39.32 2.01 0.00	37.44 1.88 0.00	37.45 1.68 0.00	37.50 1.58 0.00	37.66 1.55 0.00	42.80 1.92 0.00	51.83 2.47 0.00	58.79 3.49 0.00	57.21 2.83 0.00	49.19 2.34 0.00	46.43 2.17 0.00	44.39 2.11 0.00	45.17 2.03 0.00	48.92 2.20 0.00	52.30 2.30 0.00	55.77 2.86 0.00	60.37 4.00 0.00	70.52 4.86 0.00	64.50 4.50 0.00	58.54 3.78 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.77 2.26 0.00	42.01 2.23 0.00

DANSKAMMER___4 23591	39.32 2.01 0.00	37.44 1.88 0.00	37.45 1.68 0.00	37.50 1.58 0.00	37.66 1.55 0.00	42.80 1.92 0.00	51.83 2.47 0.00	58.79 3.49 0.00	57.21 2.83 0.00	49.19 2.34 0.00	46.43 2.17 0.00	44.39 2.11 0.00	45.17 2.03 0.00	48.92 2.20 0.00	52.30 2.30 0.00	55.77 2.86 0.00	60.37 4.00 0.00	70.52 4.86 0.00	64.50 4.50 0.00	58.54 3.78 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.77 2.26 0.00	42.01 2.23 0.00
DANSKAMMER___DIESEL 23592	39.35 2.05 0.00	37.44 1.88 0.00	37.45 1.68 0.00	37.50 1.58 0.00	37.66 1.55 0.00	42.80 1.92 0.00	51.83 2.47 0.00	58.78 3.48 0.00	57.21 2.83 0.00	49.19 2.34 0.00	46.47 2.21 0.00	44.39 2.11 0.00	45.17 2.03 0.00	48.92 2.20 0.00	52.35 2.35 0.00	55.56 2.65 0.00	60.26 3.89 0.00	70.52 4.86 0.00	64.50 4.50 0.00	58.49 3.72 0.00	54.99 3.21 0.00	49.95 2.87 0.00	45.77 2.26 0.00	42.01 2.23 0.00
DARBY___SOLAR 323810	38.64 1.34 0.00	36.94 1.39 0.00	37.02 1.25 0.00	37.11 1.18 0.00	37.26 1.16 0.00	42.34 1.47 0.00	51.48 2.12 0.00	57.95 2.65 0.00	56.34 1.95 0.00	48.25 1.40 0.00	45.32 1.06 0.00	43.37 1.10 0.00	44.22 1.08 0.00	47.90 1.17 0.00	51.50 1.50 0.00	54.81 1.90 0.00	59.24 2.87 0.00	69.27 3.61 0.00	63.30 3.30 0.00	57.56 2.79 0.00	54.11 2.33 0.00	49.15 2.07 0.00	45.20 1.70 0.00	41.45 1.67 0.00
DASHVILLE___HYD 23610	39.62 2.31 0.00	37.69 2.13 0.00	37.67 1.90 0.00	37.76 1.83 0.00	37.88 1.77 0.00	43.12 2.25 0.00	52.22 2.86 0.00	59.17 3.87 0.00	57.54 3.15 0.00	49.42 2.58 0.00	46.61 2.35 0.00	44.52 2.24 0.00	45.26 2.11 0.00	49.06 2.34 0.00	52.50 2.50 0.00	55.87 2.96 0.00	60.71 4.34 0.00	71.11 5.45 0.00	65.10 5.10 0.00	58.87 4.11 0.00	55.35 3.57 0.00	50.23 3.15 0.00	45.98 2.48 0.00	42.33 2.55 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	40.47 3.17 0.00	37.58 2.03 0.00	37.27 1.50 0.00	37.40 1.47 0.00	37.70 1.59 0.00	43.20 2.33 0.00	51.53 2.17 0.00	59.17 3.87 0.00	57.54 3.15 0.00	49.37 2.53 0.00	47.05 2.79 0.00	45.19 2.92 0.00	45.99 2.85 0.00	49.02 2.29 0.00	52.45 2.45 0.00	55.77 2.86 0.00	62.23 5.86 0.00	73.75 8.08 -0.01	66.48 6.48 0.00	59.97 5.20 0.00	55.61 3.83 0.00	49.81 2.73 0.00	45.90 2.39 0.00	41.61 1.83 0.00
DELAWARE___LFGE 323621	38.27 0.97 0.00	36.51 0.96 0.00	36.81 1.04 0.00	36.89 0.97 0.00	37.08 0.97 0.00	41.94 1.06 0.00	50.74 1.38 0.00	57.35 2.05 0.00	56.01 1.63 0.00	48.16 1.31 0.00	45.50 1.24 0.00	43.46 1.18 0.00	44.35 1.21 0.00	48.08 1.36 0.00	51.40 1.40 0.00	54.34 1.43 0.00	58.28 1.92 0.00	67.90 2.23 0.00	62.10 2.10 0.00	56.46 1.70 0.00	53.12 1.35 0.00	48.30 1.22 0.00	44.59 1.09 0.00	40.82 1.03 0.00
DERFIELD_115KV_TB7 355931	37.41 0.11 0.00	35.66 0.11 0.00	35.88 0.11 0.00	36.00 0.07 0.00	36.18 0.07 0.00	40.92 0.04 0.00	49.41 0.05 0.00	55.58 0.28 0.00	54.49 0.11 0.00	46.94 0.09 0.00	44.30 0.04 0.00	42.36 0.08 0.00	43.23 0.09 0.00	46.77 0.05 0.00	50.05 0.05 0.00	52.96 0.05 0.00	56.59 0.23 0.00	65.99 0.33 0.00	60.30 0.30 0.00	55.04 0.27 0.00	51.93 0.16 0.00	47.22 0.14 0.00	43.59 0.09 0.00	39.90 0.12 0.00
DOGLEVILLE___HYD 23807	38.16 0.86 0.00	36.48 0.92 0.00	36.74 0.97 0.00	36.89 0.97 0.00	37.16 1.05 0.00	42.18 1.31 0.00	51.04 1.68 0.00	57.45 2.15 0.00	56.34 1.95 0.00	48.53 1.68 0.00	45.85 1.59 0.00	43.80 1.52 0.00	44.74 1.60 0.00	48.46 1.73 0.00	51.85 1.85 0.00	54.76 1.85 0.00	58.51 2.14 0.00	68.22 2.56 0.00	62.34 2.34 0.00	56.90 2.13 0.00	53.69 1.92 0.00	48.72 1.65 0.00	44.99 1.48 0.00	41.06 1.27 0.00
DUNKIRK___115KV_TB_200 55889	37.19 -0.11 0.00	35.34 -0.21 0.00	35.63 -0.14 0.00	36.03 0.11 0.00	36.00 -0.11 0.00	41.37 0.49 0.00	48.62 -0.74 0.00	53.81 -1.49 0.00	53.02 -1.36 0.00	45.81 -1.03 0.00	43.64 -0.62 0.00	41.43 -0.85 0.00	42.37 -0.78 0.00	46.54 -0.19 0.00	48.90 -1.10 0.00	50.95 -1.96 0.00	53.66 -2.71 0.00	62.84 -2.82 0.00	56.46 -3.54 0.00	51.20 -3.56 0.00	47.22 -4.56 0.00	43.08 -4.00 0.00	41.63 -1.87 0.00	38.23 -1.55 0.00
DUNKIRK___1 23563	37.19 -0.11 0.00	35.34 -0.21 0.00	35.63 -0.14 0.00	36.03 0.11 0.00	36.00 -0.11 0.00	41.37 0.49 0.00	48.62 -0.74 0.00	53.81 -1.49 0.00	53.02 -1.36 0.00	45.81 -1.03 0.00	43.64 -0.62 0.00	41.43 -0.85 0.00	42.37 -0.78 0.00	46.54 -0.19 0.00	48.90 -1.10 0.00	50.95 -1.96 0.00	53.66 -2.71 0.00	62.84 -2.82 0.00	56.46 -3.54 0.00	51.20 -3.56 0.00	47.22 -4.56 0.00	43.08 -4.00 0.00	41.63 -1.87 0.00	38.23 -1.55 0.00
DUNKIRK___2 23564	37.19 -0.11 0.00	35.34 -0.21 0.00	35.63 -0.14 0.00	36.03 0.11 0.00	36.00 -0.11 0.00	41.37 0.49 0.00	48.62 -0.74 0.00	53.81 -1.49 0.00	53.02 -1.36 0.00	45.81 -1.03 0.00	43.64 -0.62 0.00	41.43 -0.85 0.00	42.37 -0.78 0.00	46.54 -0.19 0.00	48.90 -1.10 0.00	50.95 -1.96 0.00	53.66 -2.71 0.00	62.84 -2.82 0.00	56.46 -3.54 0.00	51.20 -3.56 0.00	47.22 -4.56 0.00	43.08 -4.00 0.00	41.63 -1.87 0.00	38.23 -1.55 0.00
DUNKIRK___3 23565	37.08 -0.22 0.00	35.23 -0.32 0.00	35.48 -0.29 0.00	35.89 -0.04 0.00	35.86 -0.25 0.00	41.20 0.33 0.00	48.42 -0.94 0.00	53.53 -1.77 0.00	52.80 -1.58 0.00	45.58 -1.26 0.00	43.42 -0.84 0.00	41.22 -1.06 0.00	42.15 -0.99 0.00	46.31 -0.42 0.00	48.65 -1.35 0.00	50.69 -2.22 0.00	53.49 -2.87 0.00	62.64 -3.02 0.00	56.28 -3.72 0.00	51.09 -3.67 0.00	47.12 -4.66 0.00	43.03 -4.05 0.00	41.59 -1.91 0.00	38.23 -1.55 0.00
DUNKIRK___4 23566	37.08 -0.22 0.00	35.23 -0.32 0.00	35.48 -0.29 0.00	35.89 -0.04 0.00	35.86 -0.25 0.00	41.20 0.33 0.00	48.42 -0.94 0.00	53.53 -1.77 0.00	52.80 -1.58 0.00	45.58 -1.26 0.00	43.42 -0.84 0.00	41.22 -1.06 0.00	42.15 -0.99 0.00	46.31 -0.42 0.00	48.65 -1.35 0.00	50.69 -2.22 0.00	53.49 -2.87 0.00	62.64 -3.02 0.00	56.28 -3.72 0.00	51.09 -3.67 0.00	47.12 -4.66 0.00	43.03 -4.05 0.00	41.59 -1.91 0.00	38.23 -1.55 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.13 1.83 0.00	37.19 1.64 0.00	37.16 1.40 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.43 2.07 0.00	58.56 3.26 0.00	57.05 2.66 0.00	49.09 2.25 0.00	46.47 2.21 0.00	44.43 2.16 0.00	45.35 2.20 0.00	49.02 2.29 0.00	52.40 2.40 0.00	55.50 2.59 0.00	60.14 3.78 0.00	70.39 4.73 0.00	64.26 4.26 0.00	58.27 3.50 0.00	54.83 3.05 0.00	49.85 2.78 0.00	45.68 2.18 0.00	41.77 1.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.06 1.75 0.00	37.15 1.60 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.41 1.30 0.00	42.43 1.55 0.00	51.43 2.07 0.00	58.34 3.04 0.00	56.83 2.45 0.00	48.86 2.01 0.00	46.16 1.90 0.00	44.14 1.86 0.00	44.96 1.81 0.00	48.64 1.92 0.00	52.05 2.05 0.00	55.24 2.33 0.00	59.81 3.44 0.00	70.00 4.33 0.00	64.02 4.02 0.00	58.05 3.29 0.00	54.57 2.80 0.00	49.62 2.54 0.00	45.46 1.96 0.00	41.73 1.95 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.35 2.05 0.00	37.40 1.85 0.00	37.31 1.54 0.00	37.25 1.33 0.00	37.41 1.30 0.00	42.22 1.35 0.00	51.38 2.02 0.00	58.67 3.37 0.00	57.16 2.77 0.00	49.23 2.39 0.00	46.61 2.35 0.00	44.56 2.28 0.00	45.47 2.33 0.00	49.25 2.52 0.00	52.60 2.60 0.00	55.71 2.80 0.00	60.31 3.95 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.38 3.61 0.00	55.09 3.31 0.00	50.04 2.97 0.00	45.77 2.26 0.00	41.89 2.11 0.00
E179THST_13_KV_LOAD 356214	39.50 2.20 0.00	37.55 1.99 0.00	37.45 1.68 0.00	37.40 1.47 0.00	37.52 1.41 0.00	42.39 1.51 0.00	51.58 2.22 0.00	58.89 3.59 0.00	57.37 2.99 0.00	49.47 2.62 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.69 2.55 0.00	49.48 2.76 0.00	52.85 2.85 0.00	55.98 3.07 0.00	60.60 4.23 0.00	71.05 5.38 0.00	64.86 4.86 0.00	58.65 3.89 0.00	55.35 3.57 0.00	50.28 3.20 0.00	45.98 2.48 0.00	42.05 2.27 0.00
EAST HAMPTON___GT 23717	39.95 2.65 0.00	37.58 2.03 0.00	37.27 1.50 0.00	37.43 1.51 0.00	37.80 1.70 0.00	43.45 2.58 0.00	51.92 2.57 0.00	59.62 4.32 0.00	58.08 3.70 0.00	49.80 2.95 0.00	47.53 3.28 0.00	45.58 3.30 0.00	46.38 3.24 0.00	49.48 2.76 0.00	52.70 2.70 0.00	56.72 3.81 0.00	62.85 6.48 0.00	73.61 7.94 -0.01	66.60 6.60 0.00	60.07 5.31 0.00	56.28 4.50 0.00	50.28 3.20 0.00	45.59 2.09 0.00	41.37 1.59 0.00
EAST RIVER___6 23660	39.11 1.86 0.06	37.23 1.67 0.00	37.16 1.39 0.00	37.15 1.22 0.00	37.30 1.19 0.00	41.86 1.47 0.48	50.13 2.17 1.40	58.54 3.54 0.31	56.99 3.04 0.44	48.82 2.67 0.69	46.16 2.61 0.71	44.38 2.54 0.43	45.25 2.63 0.52	48.73 2.80 0.80	51.89 2.85 0.96	55.05 3.34 1.20	59.19 4.34 1.52	69.35 5.26 1.57	63.11 4.68 1.57	57.14 3.95 1.57	53.72 3.42 1.47	49.77 3.06 0.36	45.33 2.35 0.52	41.39 2.03 0.42
EAST RIVER___7 23524	39.11 1.86 0.06	37.23 1.67 0.00	37.16 1.39 0.00	37.15 1.22 0.00	37.30 1.19 0.00	41.86 1.47 0.48	50.13 2.17 1.40	58.54 3.54 0.31	56.99 3.04 0.44	48.82 2.67 0.69	46.16 2.61 0.71	44.38 2.54 0.43	45.25 2.63 0.52	48.73 2.80 0.80	51.89 2.85 0.96	55.05 3.34 1.20	59.19 4.34 1.52	69.35 5.26 1.57	63.11 4.68 1.57	57.14 3.95 1.57	53.72 3.42 1.47	49.77 3.06 0.36	45.33 2.35 0.52	41.39 2.03 0.42
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.06 1.75 0.00	37.12 1.56 0.00	37.13 1.36 0.00	37.14 1.22 0.00	37.30 1.19 0.00	42.31 1.43 0.00	51.33 1.97 0.00	58.40 3.10 0.00	56.94 2.56 0.00	49.00 2.15 0.00	46.34 2.08 0.00	44.35 2.07 0.00	45.22 2.07 0.00	48.88 2.15 0.00	52.25 2.25 0.00	55.40 2.49 0.00	59.98 3.61 0.00	70.19 4.53 0.00	64.14 4.14 0.00	58.16 3.40 0.00	54.73 2.95 0.00	49.71 2.64 0.00	45.59 2.09 0.00	41.69 1.91 0.00
EAST_HAMPTON___DIESEL 23722	39.91 2.61 0.00	37.54 1.99 0.00	37.24 1.47 0.00	37.40 1.47 0.00	37.77 1.66 0.00	43.45 2.58 0.00	51.92 2.57 0.00	59.56 4.26 0.00	58.08 3.70 0.00	49.80 2.95 0.00	47.53 3.28 0.00	45.58 3.30 0.00	46.38 3.24 0.00	49.43 2.71 0.00	52.70 2.70 0.00	56.72 3.81 0.00	62.79 6.42 0.00	73.55 7.88 -0.01	66.48 6.48 0.00	59.97 5.21 0.00	56.17 4.40 0.00	50.18 3.11 0.00	45.51 2.00 0.00	41.29 1.51 0.00
EAST_POINT___SOLAR 323840	39.62 2.31 0.00	37.94 2.38 0.00	38.02 2.25 0.00	38.08 2.16 0.00	38.27 2.17 0.00	43.69 2.82 0.00	53.11 3.75 0.00	59.56 4.26 0.00	57.64 3.26 0.00	48.77 1.92 0.00	45.77 1.51 0.00	43.42 1.14 0.00	44.18 1.03 0.00	48.55 1.82 0.00	52.20 2.20 0.00	55.71 2.80 0.00	60.25 3.89 0.00	70.79 5.13 0.00	64.62 4.62 0.00	58.76 4.00 0.00	55.24 3.47 0.00	50.09 3.02 0.00	46.29 2.79 0.00	42.33 2.55 0.00
EAST_PULASKI___ESR 323781	36.30 -1.01 0.00	34.60 -0.96 0.00	34.84 -0.93 0.00	34.96 -0.97 0.00	35.13 -0.97 0.00	40.83 -0.04 0.00	49.61 0.25 0.00	56.07 0.77 0.00	54.81 0.43 0.00	47.03 0.19 0.00	44.48 0.22 0.00	42.45 0.17 0.00	43.36 0.22 0.00	47.15 0.42 0.00	50.40 0.40 0.00	53.33 0.42 0.00	56.99 0.62 0.00	66.25 0.59 0.00	60.60 0.60 0.00	53.83 -0.93 0.00	50.59 -1.19 0.00	45.95 -1.13 0.00	42.42 -1.09 0.00	38.75 -1.03 0.00
EAST_RIVER___1 323558	39.14 1.90 0.06	37.26 1.71 0.00	37.20 1.43 0.00	37.21 1.29 0.00	37.37 1.26 0.00	41.95 1.55 0.48	50.19 2.22 1.40	58.54 3.54 0.31	56.93 2.99 0.44	48.77 2.62 0.69	46.07 2.52 0.71	44.34 2.49 0.43	45.17 2.54 0.52	48.63 2.71 0.80	51.84 2.80 0.96	54.94 3.23 1.20	59.08 4.23 1.52	69.28 5.19 1.57	63.05 4.62 1.57	57.08 3.89 1.57	53.72 3.42 1.47	49.77 3.06 0.36	45.33 2.35 0.52	41.43 2.07 0.42
EAST_RIVER___2 323559	39.11 1.86 0.06	37.23 1.67 0.00	37.16 1.39 0.00	37.15 1.22 0.00	37.30 1.19 0.00	41.86 1.47 0.48	50.13 2.17 1.40	58.54 3.54 0.31	56.99 3.04 0.44	48.82 2.67 0.69	46.16 2.61 0.71	44.38 2.54 0.43	45.25 2.63 0.52	48.73 2.80 0.80	51.89 2.85 0.96	55.05 3.34 1.20	59.19 4.34 1.52	69.35 5.26 1.57	63.11 4.68 1.57	57.14 3.95 1.57	53.72 3.42 1.47	49.77 3.06 0.36	45.33 2.35 0.52	41.39 2.03 0.42
EAST___DELAWARE_HYD 23607	39.32 2.01 0.00	37.44 1.88 0.00	37.49 1.72 0.00	37.54 1.62 0.00	37.66 1.55 0.00	42.88 2.00 0.00	51.92 2.57 0.00	58.84 3.54 0.00	57.21 2.83 0.00	49.14 2.29 0.00	46.34 2.08 0.00	44.26 1.99 0.00	45.04 1.90 0.00	48.83 2.10 0.00	52.20 2.20 0.00	55.66 2.75 0.00	60.25 3.89 0.00	70.45 4.79 0.00	64.50 4.50 0.00	58.49 3.73 0.00	54.93 3.16 0.00	49.90 2.82 0.00	45.68 2.17 0.00	42.05 2.27 0.00
EIGHT_POINT___WT_PWR 323820	37.75 0.45 0.00	35.84 0.28 0.00	36.31 0.54 0.00	36.64 0.72 0.00	36.87 0.76 0.00	42.30 1.43 0.00	50.40 1.04 0.00	56.46 1.16 0.00	55.20 0.82 0.00	47.55 0.70 0.00	45.06 0.80 0.00	42.82 0.55 0.00	43.75 0.60 0.00	47.75 1.03 0.00	50.60 0.60 0.00	53.12 0.21 0.00	56.20 -0.17 0.00	65.86 0.20 0.00	59.46 -0.54 0.00	53.78 -0.98 0.00	49.29 -2.48 0.00	44.77 -2.31 0.00	42.24 -1.26 0.00	38.67 -1.11 0.00
ELBRIDGE_115KV_TB2 80188	36.52 -0.78 0.00	34.77 -0.78 0.00	34.98 -0.79 0.00	35.20 -0.72 0.00	35.35 -0.76 0.00	40.10 -0.78 0.00	48.42 -0.94 0.00	54.47 -0.83 0.00	53.35 -1.03 0.00	45.96 -0.89 0.00	43.42 -0.84 0.00	41.47 -0.80 0.00	42.33 -0.82 0.00	45.89 -0.84 0.00	49.00 -1.00 0.00	51.80 -1.11 0.00	55.30 -1.07 0.00	64.48 -1.18 0.00	58.86 -1.14 0.00	53.56 -1.20 0.00	50.38 -1.40 0.00	45.81 -1.27 0.00	42.50 -1.00 0.00	38.87 -0.91 0.00
ELEC_TRO_TEK 24086	39.51 2.20 0.00	37.19 1.64 0.00	36.99 1.22 0.00	37.04 1.11 0.00	37.23 1.12 0.00	42.43 1.55 0.00	50.84 1.48 0.00	58.07 2.77 0.00	56.50 2.12 0.00	48.72 1.87 0.00	46.52 2.26 0.00	44.69 2.41 0.00	45.52 2.37 0.00	48.92 2.20 0.00	52.15 2.15 0.00	55.29 2.38 0.00	60.60 4.23 0.00	71.13 5.45 -0.02	64.80 4.80 0.00	58.60 3.83 0.00	55.04 3.26 0.00	50.00 2.92 0.00	46.07 2.57 0.00	41.77 1.99 0.00

ELLENBURG_WT_PWR 323604	36.82 -0.49 0.00	35.27 -0.29 0.00	35.52 -0.25 0.00	35.74 -0.18 0.00	36.18 0.07 0.00	41.24 0.37 0.00	50.10 0.74 0.00	55.52 0.22 0.00	55.31 0.92 0.00	47.55 0.70 0.00	45.06 0.80 0.00	42.82 0.55 0.00	43.75 0.60 0.00	47.71 0.98 0.00	51.35 1.35 0.00	54.34 1.43 0.00	57.38 1.02 0.00	65.99 0.33 0.00	60.36 0.36 0.00	55.80 1.04 0.00	53.28 1.50 0.00	48.25 1.18 0.00	44.51 1.00 0.00	40.46 0.68 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.56 -0.75 0.00	34.74 -0.82 0.00	35.02 -0.75 0.00	35.42 -0.50 0.00	35.35 -0.76 0.00	40.55 -0.33 0.00	47.58 -1.78 0.00	52.48 -2.82 0.00	51.77 -2.61 0.00	44.74 -2.11 0.00	42.58 -1.68 0.00	40.46 -1.82 0.00	41.38 -1.77 0.00	45.37 -1.36 0.00	47.70 -2.30 0.00	49.79 -3.12 0.00	52.48 -3.89 0.00	61.46 -4.20 0.00	55.32 -4.68 0.00	50.33 -4.44 0.00	46.49 -5.28 0.00	42.51 -4.57 0.00	41.20 -2.31 0.00	37.91 -1.87 0.00
EMPIRE_CC_1 323656	38.35 1.04 0.00	36.55 0.99 0.00	36.70 0.93 0.00	36.82 0.90 0.00	37.01 0.90 0.00	41.90 1.02 0.00	50.69 1.33 0.00	57.29 1.99 0.00	55.74 1.36 0.00	47.92 1.08 0.00	45.19 0.93 0.00	43.25 0.97 0.00	44.05 0.91 0.00	47.47 0.75 0.00	50.90 0.90 0.00	54.18 1.27 0.00	58.56 2.20 0.00	68.36 2.69 0.00	62.52 2.52 0.00	56.90 2.13 0.00	53.59 1.81 0.00	48.68 1.60 0.00	44.86 1.35 0.00	41.09 1.31 0.00
EMPIRE_CC_2 323658	38.35 1.04 0.00	36.55 0.99 0.00	36.70 0.93 0.00	36.82 0.90 0.00	37.01 0.90 0.00	41.90 1.02 0.00	50.69 1.33 0.00	57.29 1.99 0.00	55.74 1.36 0.00	47.92 1.08 0.00	45.19 0.93 0.00	43.25 0.97 0.00	44.05 0.91 0.00	47.47 0.75 0.00	50.90 0.90 0.00	54.18 1.27 0.00	58.56 2.20 0.00	68.36 2.69 0.00	62.52 2.52 0.00	56.90 2.13 0.00	53.59 1.81 0.00	48.68 1.60 0.00	44.86 1.35 0.00	41.09 1.31 0.00
ENORWICH_115KV_TB1 80156	39.84 2.54 0.00	38.15 2.60 0.00	38.42 2.65 0.00	38.47 2.55 0.00	38.71 2.60 0.00	44.35 3.47 0.00	53.90 4.54 0.00	65.81 10.51 0.00	63.35 8.97 0.00	53.92 7.07 0.00	51.03 6.77 0.00	48.70 6.43 0.00	49.75 6.60 0.00	54.34 7.62 0.00	58.20 8.20 0.00	61.27 8.36 0.00	65.95 9.58 0.00	71.97 6.30 0.00	65.76 5.76 0.00	59.58 4.82 0.00	55.87 4.09 0.00	50.70 3.62 0.00	46.77 3.26 0.00	42.61 2.82 0.00
ERIE_ST__34_KV_TB1-2 80199	37.12 -0.19 0.00	35.31 -0.25 0.00	35.56 -0.21 0.00	35.96 0.04 0.00	35.93 -0.18 0.00	41.20 0.33 0.00	48.47 -0.89 0.00	53.64 -1.66 0.00	52.80 -1.58 0.00	45.63 -1.22 0.00	43.46 -0.80 0.00	41.26 -1.01 0.00	42.20 -0.95 0.00	46.35 -0.37 0.00	48.70 -1.30 0.00	50.79 -2.12 0.00	53.72 -2.65 0.00	62.97 -2.69 0.00	56.70 -3.30 0.00	51.53 -3.23 0.00	47.58 -4.19 0.00	43.50 -3.58 0.00	41.98 -1.52 0.00	38.59 -1.19 0.00
ERIE_WT_PWR 323693	36.86 -0.45 0.00	35.02 -0.53 0.00	35.30 -0.47 0.00	35.71 -0.21 0.00	35.68 -0.43 0.00	40.92 0.04 0.00	48.03 -1.33 0.00	53.14 -2.16 0.00	52.32 -2.07 0.00	45.20 -1.64 0.00	43.02 -1.24 0.00	40.88 -1.39 0.00	41.81 -1.34 0.00	45.89 -0.84 0.00	48.30 -1.70 0.00	50.48 -2.43 0.00	53.04 -3.33 0.00	62.32 -3.35 0.00	56.04 -3.96 0.00	50.93 -3.83 0.00	46.91 -4.87 0.00	42.93 -4.14 0.00	41.50 -2.00 0.00	38.23 -1.55 0.00
ESPRGFLD_115KV_TB1 80157	38.65 1.34 0.00	36.94 1.39 0.00	37.16 1.40 0.00	37.22 1.29 0.00	37.41 1.30 0.00	42.55 1.68 0.00	51.53 2.17 0.00	58.18 2.88 0.00	56.67 2.28 0.00	48.44 1.59 0.00	45.77 1.50 0.00	43.67 1.40 0.00	44.53 1.38 0.00	48.50 1.78 0.00	51.90 1.90 0.00	54.87 1.96 0.00	58.96 2.59 0.00	68.95 3.28 0.00	62.94 2.94 0.00	57.17 2.41 0.00	53.79 2.02 0.00	48.82 1.74 0.00	45.16 1.65 0.00	41.29 1.51 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.90 0.60 0.00	36.09 0.53 0.00	36.34 0.57 0.00	36.53 0.61 0.00	36.72 0.61 0.00	41.73 0.86 0.00	50.44 1.09 0.00	56.52 1.22 0.00	55.25 0.87 0.00	47.55 0.70 0.00	44.92 0.66 0.00	42.87 0.59 0.00	43.79 0.65 0.00	47.52 0.79 0.00	50.70 0.70 0.00	53.55 0.63 0.00	57.21 0.85 0.00	67.17 1.51 0.00	61.26 1.26 0.00	55.69 0.93 0.00	52.24 0.47 0.00	47.50 0.42 0.00	44.07 0.57 0.00	40.30 0.52 0.00
ETNA____115KV_TB2 80207	37.90 0.60 0.00	36.09 0.53 0.00	36.34 0.57 0.00	36.53 0.61 0.00	36.72 0.61 0.00	41.73 0.86 0.00	50.44 1.09 0.00	56.52 1.22 0.00	55.25 0.87 0.00	47.55 0.70 0.00	44.92 0.66 0.00	42.87 0.59 0.00	43.79 0.65 0.00	47.52 0.79 0.00	50.70 0.70 0.00	53.55 0.63 0.00	57.21 0.85 0.00	67.17 1.51 0.00	61.26 1.26 0.00	55.69 0.93 0.00	52.24 0.47 0.00	47.50 0.42 0.00	44.07 0.57 0.00	40.30 0.52 0.00
EUCLID____115KV_TB2 356179	36.52 -0.78 0.00	34.77 -0.78 0.00	34.98 -0.79 0.00	35.17 -0.75 0.00	35.31 -0.79 0.00	40.14 -0.74 0.00	48.37 -0.99 0.00	54.42 -0.88 0.00	53.35 -1.03 0.00	45.96 -0.89 0.00	43.42 -0.84 0.00	41.43 -0.85 0.00	42.33 -0.82 0.00	45.89 -0.84 0.00	49.00 -1.00 0.00	51.80 -1.11 0.00	55.30 -1.07 0.00	64.42 -1.25 0.00	58.80 -1.20 0.00	53.45 -1.31 0.00	50.27 -1.50 0.00	45.76 -1.32 0.00	42.46 -1.04 0.00	38.87 -0.91 0.00
E_CANADA_CAP_HY 24051	38.87 1.57 0.00	37.23 1.67 0.00	37.34 1.57 0.00	37.40 1.47 0.00	37.59 1.48 0.00	42.84 1.96 0.00	51.87 2.52 0.00	58.28 2.98 0.00	56.61 2.23 0.00	48.15 1.31 0.00	45.46 1.20 0.00	43.33 1.06 0.00	44.14 0.99 0.00	48.18 1.45 0.00	51.75 1.75 0.00	54.81 1.90 0.00	59.13 2.76 0.00	69.27 3.61 0.00	63.24 3.24 0.00	57.50 2.74 0.00	54.05 2.28 0.00	49.05 1.98 0.00	45.46 1.96 0.00	41.57 1.79 0.00
E_CANADA_MHWK_HY 24050	38.16 0.86 0.00	36.48 0.92 0.00	36.74 0.97 0.00	36.89 0.97 0.00	37.16 1.05 0.00	42.18 1.31 0.00	51.04 1.68 0.00	57.45 2.15 0.00	56.34 1.95 0.00	48.53 1.68 0.00	45.85 1.59 0.00	43.80 1.52 0.00	44.74 1.60 0.00	48.46 1.73 0.00	51.85 1.85 0.00	54.76 1.85 0.00	58.51 2.14 0.00	68.22 2.56 0.00	62.34 2.34 0.00	56.90 2.13 0.00	53.69 1.92 0.00	48.72 1.65 0.00	44.99 1.48 0.00	41.06 1.27 0.00
E_FISHKILL____LBMP 23776	38.87 1.57 0.00	36.98 1.42 0.00	36.99 1.22 0.00	37.04 1.11 0.00	37.23 1.12 0.00	42.14 1.27 0.00	51.09 1.73 0.00	58.07 2.77 0.00	56.61 2.23 0.00	48.72 1.87 0.00	46.03 1.77 0.00	44.05 1.78 0.00	44.91 1.77 0.00	48.50 1.78 0.00	51.90 1.90 0.00	55.03 2.12 0.00	59.58 3.21 0.00	69.73 4.07 0.00	63.72 3.72 0.00	57.78 3.01 0.00	54.42 2.64 0.00	49.43 2.35 0.00	45.38 1.87 0.00	41.49 1.71 0.00
FALCON____SEABRD_CC1 323796	37.15 -0.15 0.00	35.55 0.00 0.00	35.81 0.04 0.00	36.03 0.11 0.00	36.51 0.40 0.00	41.65 0.77 0.00	50.64 1.28 0.00	56.02 0.72 0.00	55.79 1.41 0.00	47.92 1.08 0.00	45.41 1.15 0.00	43.17 0.89 0.00	44.14 0.99 0.00	48.08 1.36 0.00	51.80 1.80 0.00	54.76 1.85 0.00	57.89 1.52 0.00	66.25 0.59 0.00	60.54 0.54 0.00	56.30 1.53 0.00	53.79 2.02 0.00	48.68 1.60 0.00	44.90 1.39 0.00	40.78 0.99 0.00

FALCON___SEABRD_CC2 323797	37.15 -0.15 0.00	35.55 0.00 0.00	35.81 0.04 0.00	36.03 0.11 0.00	36.51 0.40 0.00	41.65 0.77 0.00	50.64 1.28 0.00	56.02 0.72 0.00	55.79 1.41 0.00	47.92 1.08 0.00	45.41 1.15 0.00	43.17 0.89 0.00	44.14 0.99 0.00	48.08 1.36 0.00	51.80 1.80 0.00	54.76 1.85 0.00	57.89 1.52 0.00	66.25 0.59 0.00	60.54 0.54 0.00	56.30 1.53 0.00	53.79 2.02 0.00	48.68 1.60 0.00	44.90 1.39 0.00	40.78 0.99 0.00
FAR ROCKAWAY___4 23548	40.07 2.76 0.00	37.65 2.10 0.00	37.45 1.68 0.00	37.47 1.54 0.00	37.70 1.59 0.00	43.04 2.17 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.21 2.83 0.00	49.33 2.48 0.00	47.18 2.92 0.00	45.37 3.09 0.00	46.17 3.02 0.00	49.67 2.94 0.00	52.95 2.95 0.00	56.19 3.28 0.00	61.67 5.30 0.00	72.37 6.70 -0.01	65.94 5.94 0.00	59.58 4.82 0.00	55.92 4.14 0.00	50.75 3.67 0.00	46.82 3.31 0.00	42.33 2.55 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.24 1.94 0.00	37.30 1.74 0.00	37.24 1.47 0.00	37.25 1.33 0.00	37.41 1.30 0.00	42.43 1.55 0.00	51.58 2.22 0.00	58.89 3.59 0.00	57.43 3.05 0.00	49.47 2.62 0.00	46.83 2.57 0.00	44.77 2.49 0.00	45.69 2.55 0.00	49.44 2.71 0.00	52.85 2.85 0.00	55.93 3.02 0.00	60.48 4.11 0.00	70.85 5.19 0.00	64.68 4.68 0.00	58.54 3.78 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.90 2.39 0.00	41.89 2.11 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.24 1.94 0.00	37.30 1.74 0.00	37.24 1.47 0.00	37.25 1.33 0.00	37.41 1.30 0.00	42.43 1.55 0.00	51.58 2.22 0.00	58.89 3.59 0.00	57.43 3.05 0.00	49.47 2.62 0.00	46.83 2.57 0.00	44.77 2.49 0.00	45.69 2.55 0.00	49.44 2.71 0.00	52.85 2.85 0.00	55.93 3.02 0.00	60.48 4.11 0.00	70.85 5.19 0.00	64.68 4.68 0.00	58.60 3.83 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.90 2.39 0.00	41.89 2.11 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.24 1.94 0.00	37.26 1.71 0.00	37.24 1.47 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.43 1.55 0.00	51.58 2.22 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.58 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.80 2.80 0.00	55.93 3.02 0.00	60.48 4.11 0.00	70.78 5.12 0.00	64.62 4.62 0.00	58.54 3.78 0.00	55.14 3.37 0.00	50.09 3.01 0.00	45.85 2.35 0.00	41.89 2.11 0.00
FARRAGUT___LBMP 323566	39.21 1.90 0.00	37.26 1.71 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.78 3.48 0.00	57.32 2.94 0.00	49.37 2.53 0.00	46.74 2.48 0.00	44.73 2.45 0.00	45.60 2.46 0.00	49.39 2.66 0.00	52.75 2.75 0.00	55.87 2.96 0.00	60.43 4.06 0.00	70.78 5.12 0.00	64.56 4.56 0.00	58.49 3.72 0.00	55.09 3.31 0.00	50.09 3.01 0.00	45.81 2.31 0.00	41.85 2.07 0.00
FENNER___WINDPWR 24204	37.90 0.60 0.00	36.16 0.60 0.00	36.38 0.61 0.00	36.53 0.61 0.00	36.72 0.61 0.00	41.77 0.90 0.00	50.59 1.23 0.00	57.02 1.72 0.00	55.79 1.41 0.00	47.92 1.08 0.00	45.32 1.06 0.00	43.25 0.97 0.00	44.18 1.03 0.00	47.94 1.21 0.00	51.25 1.25 0.00	54.23 1.32 0.00	57.83 1.46 0.00	67.37 1.70 0.00	61.50 1.50 0.00	55.92 1.15 0.00	52.60 0.83 0.00	47.78 0.71 0.00	44.20 0.69 0.00	40.38 0.60 0.00
FIBERTEK___ENERGY 23856	36.78 -0.52 0.00	35.02 -0.53 0.00	35.23 -0.54 0.00	35.42 -0.50 0.00	35.57 -0.54 0.00	40.55 -0.33 0.00	48.96 -0.39 0.00	55.19 -0.11 0.00	54.00 -0.38 0.00	46.56 -0.28 0.00	43.95 -0.31 0.00	41.98 -0.30 0.00	42.89 -0.26 0.00	46.49 -0.23 0.00	49.65 -0.35 0.00	52.43 -0.48 0.00	56.03 -0.34 0.00	65.33 -0.33 0.00	59.64 -0.36 0.00	54.00 -0.77 0.00	50.79 -0.98 0.00	46.18 -0.89 0.00	42.85 -0.65 0.00	39.19 -0.60 0.00
FITZPATRICK____ 23598	35.96 -1.34 0.00	34.24 -1.31 0.00	34.48 -1.29 0.00	34.63 -1.29 0.00	34.81 -1.30 0.00	39.49 -1.39 0.00	47.58 -1.77 0.00	53.48 -1.82 0.00	52.43 -1.96 0.00	45.16 -1.68 0.00	42.67 -1.59 0.00	40.76 -1.52 0.00	41.63 -1.51 0.00	45.09 -1.64 0.00	48.20 -1.80 0.00	51.01 -1.90 0.00	54.34 -2.03 0.00	63.36 -2.30 0.00	57.84 -2.16 0.00	52.68 -2.08 0.00	49.60 -2.17 0.00	45.14 -1.93 0.00	41.81 -1.70 0.00	38.27 -1.51 0.00
FLOWRFLD_69_KV_BK1 356044	40.18 2.87 0.00	37.51 1.96 0.00	37.24 1.47 0.00	37.29 1.37 0.00	37.52 1.41 0.00	42.84 1.96 0.00	50.99 1.63 0.00	58.40 3.10 0.00	56.77 2.39 0.00	48.86 2.01 0.00	46.83 2.57 0.00	45.02 2.75 0.00	45.78 2.63 0.00	49.02 2.29 0.00	52.30 2.30 0.00	55.61 2.70 0.00	61.67 5.30 0.00	72.30 6.63 -0.01	65.64 5.64 0.00	59.58 4.82 0.00	55.71 3.93 0.00	50.28 3.20 0.00	46.51 3.00 0.00	41.97 2.19 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.39 2.09 0.00	37.51 1.96 0.00	37.49 1.72 0.00	37.58 1.65 0.00	37.70 1.59 0.00	42.84 1.96 0.00	51.93 2.57 0.00	58.89 3.59 0.00	57.32 2.94 0.00	49.28 2.44 0.00	46.52 2.26 0.00	44.47 2.20 0.00	45.26 2.11 0.00	49.02 2.29 0.00	52.45 2.45 0.00	55.66 2.75 0.00	60.37 4.00 0.00	70.65 4.99 0.00	64.62 4.62 0.00	58.54 3.78 0.00	55.09 3.31 0.00	50.00 2.92 0.00	45.81 2.31 0.00	42.09 2.31 0.00
FORT ORANGE____ 23900	37.98 0.67 0.00	36.20 0.64 0.00	36.38 0.61 0.00	36.50 0.57 0.00	36.65 0.54 0.00	41.49 0.61 0.00	50.25 0.89 0.00	56.68 1.38 0.00	55.20 0.82 0.00	47.41 0.56 0.00	44.66 0.40 0.00	42.70 0.42 0.00	43.53 0.39 0.00	47.01 0.28 0.00	50.45 0.45 0.00	53.71 0.79 0.00	57.94 1.58 0.00	67.63 1.97 0.00	61.92 1.92 0.00	56.30 1.53 0.00	53.02 1.24 0.00	48.16 1.08 0.00	44.33 0.82 0.00	40.62 0.84 0.00
FORT_DRUM_COGEN 23780	36.74 -0.56 0.00	35.23 -0.32 0.00	35.41 -0.36 0.00	35.46 -0.47 0.00	35.71 -0.40 0.00	41.28 0.41 0.00	50.74 1.38 0.00	57.62 2.32 0.00	56.28 1.90 0.00	47.88 1.03 0.00	45.32 1.06 0.00	43.21 0.93 0.00	44.14 0.99 0.00	48.32 1.59 0.00	51.75 1.75 0.00	54.66 1.75 0.00	58.34 1.97 0.00	68.16 2.50 0.00	62.16 2.16 0.00	55.97 1.20 0.00	52.60 0.83 0.00	47.50 0.42 0.00	43.46 -0.04 0.00	39.50 -0.28 0.00
FOX_HILLS___ESR 323835	39.70 2.39 -0.01	37.73 2.17 -0.01	37.67 1.90 -0.01	37.69 1.76 -0.01	37.81 1.70 -0.01	42.84 1.96 -0.01	52.03 2.67 -0.01	59.35 4.04 -0.01	57.92 3.53 -0.01	49.85 3.00 -0.01	47.19 2.92 -0.01	45.16 2.87 -0.01	46.04 2.89 -0.01	49.87 3.13 -0.01	53.26 3.25 -0.01	56.41 3.49 -0.01	61.05 4.68 -0.01	71.45 5.78 -0.01	65.17 5.16 -0.01	59.04 4.27 -0.01	55.61 3.83 -0.01	50.57 3.48 -0.01	46.30 2.78 -0.01	42.30 2.51 -0.01
FPL FAR_ROCK_GT1 24212	39.92 2.61 0.00	37.66 2.10 0.00	37.46 1.68 0.00	37.47 1.54 0.00	37.70 1.59 0.00	43.04 2.16 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.21 2.83 0.00	49.33 2.48 0.00	47.18 2.92 0.00	45.33 3.05 0.00	46.17 3.02 0.00	49.68 2.95 0.00	52.80 2.80 0.00	56.56 3.65 0.00	61.78 5.41 0.00	72.31 6.63 -0.01	65.88 5.88 0.00	59.69 4.93 0.00	56.17 4.40 0.00	50.99 3.91 0.00	46.81 3.30 0.00	42.33 2.55 0.00

FPL FAR_ROCK_GT2 23815	39.92 2.61 0.00	37.66 2.10 0.00	37.46 1.68 0.00	37.47 1.54 0.00	37.70 1.59 0.00	43.04 2.16 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.21 2.83 0.00	49.33 2.48 0.00	47.18 2.92 0.00	45.33 3.05 0.00	46.17 3.02 0.00	49.68 2.95 0.00	52.80 2.80 0.00	56.56 3.65 0.00	61.78 5.41 0.00	72.31 6.63 -0.01	65.88 5.88 0.00	59.69 4.93 0.00	56.17 4.40 0.00	50.99 3.91 0.00	46.81 3.30 0.00	42.33 2.55 0.00
FRANKLIN_FALL_HYD 24054	37.64 0.34 0.00	36.12 0.57 0.00	36.31 0.54 0.00	36.57 0.65 0.00	37.08 0.97 0.00	42.47 1.59 0.00	51.78 2.42 0.00	57.46 2.16 0.00	57.05 2.66 0.00	48.72 1.87 0.00	46.25 1.99 0.00	43.97 1.69 0.00	45.00 1.86 0.00	49.06 2.34 0.00	52.90 2.90 0.00	56.03 3.12 0.00	58.85 2.48 0.00	68.62 2.95 0.00	62.40 2.40 0.00	57.45 2.68 0.00	54.78 3.00 0.00	49.48 2.40 0.00	45.55 2.04 0.00	41.29 1.51 0.00
FREEPORT_EQUUS_GT1 23764	39.62 2.31 0.00	37.37 1.81 0.00	37.16 1.39 0.00	37.18 1.26 0.00	37.41 1.30 0.00	42.67 1.80 0.00	51.04 1.68 0.00	58.17 2.87 0.00	56.72 2.34 0.00	48.90 2.06 0.00	46.78 2.52 0.00	44.94 2.67 0.00	45.73 2.59 0.00	49.16 2.43 0.00	52.25 2.25 0.00	55.93 3.01 0.00	61.22 4.85 0.00	71.65 5.97 -0.01	65.28 5.28 0.00	59.15 4.38 0.00	55.66 3.89 0.00	50.56 3.48 0.00	46.42 2.92 0.00	42.01 2.23 0.00
FREEPORT___CT2 23818	39.62 2.31 0.00	37.37 1.81 0.00	37.16 1.39 0.00	37.18 1.26 0.00	37.41 1.30 0.00	42.67 1.80 0.00	51.04 1.68 0.00	58.17 2.87 0.00	56.72 2.34 0.00	48.90 2.06 0.00	46.78 2.52 0.00	44.94 2.67 0.00	45.73 2.59 0.00	49.16 2.43 0.00	52.25 2.25 0.00	55.93 3.01 0.00	61.22 4.85 0.00	71.65 5.97 -0.01	65.28 5.28 0.00	59.15 4.38 0.00	55.66 3.89 0.00	50.56 3.48 0.00	46.42 2.92 0.00	42.01 2.23 0.00
FRESHKLS_33_KV_LOAD 356253	39.85 2.54 -0.01	37.87 2.31 -0.01	37.85 2.07 -0.01	37.87 1.94 -0.01	38.03 1.91 -0.01	43.05 2.17 -0.01	52.23 2.86 -0.01	59.51 4.20 -0.01	58.09 3.70 -0.01	49.99 3.14 -0.01	47.32 3.05 -0.01	45.24 2.96 -0.01	46.17 3.02 -0.01	49.91 3.18 -0.01	53.36 3.35 -0.01	56.52 3.60 -0.01	61.28 4.90 -0.01	71.58 5.91 -0.01	65.35 5.34 -0.01	59.26 4.49 -0.01	55.67 3.88 -0.01	50.62 3.53 -0.01	46.43 2.91 -0.01	42.46 2.67 -0.01
FULTON COGEN____ 23766	36.30 -1.01 0.00	34.52 -1.03 0.00	34.77 -1.00 0.00	34.95 -0.97 0.00	35.10 -1.01 0.00	40.79 -0.08 0.00	49.36 0.00 0.00	55.74 0.44 0.00	54.49 0.11 0.00	46.94 0.09 0.00	44.35 0.09 0.00	42.36 0.08 0.00	43.23 0.09 0.00	46.96 0.23 0.00	50.15 0.15 0.00	53.02 0.11 0.00	56.65 0.28 0.00	66.06 0.39 0.00	60.24 0.24 0.00	53.29 -1.48 0.00	50.17 -1.61 0.00	45.62 -1.46 0.00	42.24 -1.26 0.00	38.63 -1.15 0.00
FULTON___LFGE 323630	39.32 2.01 0.00	37.62 2.06 0.00	37.74 1.97 0.00	37.79 1.87 0.00	37.98 1.88 0.00	43.29 2.41 0.00	52.57 3.21 0.00	59.01 3.71 0.00	57.32 2.93 0.00	48.81 1.97 0.00	45.94 1.68 0.00	43.84 1.57 0.00	44.61 1.47 0.00	48.64 1.92 0.00	52.25 2.25 0.00	55.50 2.59 0.00	59.86 3.50 0.00	70.19 4.53 0.00	64.08 4.08 0.00	58.27 3.51 0.00	54.78 3.00 0.00	49.76 2.68 0.00	45.94 2.43 0.00	42.01 2.23 0.00
G.F.CEMENT___DRP 24184	38.53 1.23 0.00	36.87 1.32 0.00	36.91 1.14 0.00	36.97 1.04 0.00	37.16 1.05 0.00	42.31 1.43 0.00	51.53 2.17 0.00	57.95 2.65 0.00	56.34 1.96 0.00	48.20 1.36 0.00	45.28 1.02 0.00	43.38 1.10 0.00	44.14 0.99 0.00	47.94 1.21 0.00	51.55 1.55 0.00	54.76 1.85 0.00	59.19 2.82 0.00	69.41 3.74 0.00	63.36 3.36 0.00	57.50 2.74 0.00	54.16 2.38 0.00	49.10 2.02 0.00	45.07 1.57 0.00	41.33 1.55 0.00
GARDENVILLE___LBMP 24039	36.71 -0.60 0.00	34.88 -0.68 0.00	35.16 -0.61 0.00	35.56 -0.36 0.00	35.53 -0.58 0.00	40.75 -0.12 0.00	47.83 -1.53 0.00	52.81 -2.49 0.00	52.10 -2.28 0.00	45.02 -1.83 0.00	42.84 -1.42 0.00	40.67 -1.61 0.00	41.59 -1.55 0.00	45.65 -1.07 0.00	47.95 -2.05 0.00	50.05 -2.86 0.00	52.82 -3.55 0.00	61.85 -3.81 0.00	55.68 -4.32 0.00	50.60 -4.16 0.00	46.75 -5.02 0.00	42.75 -4.33 0.00	41.37 -2.13 0.00	38.03 -1.75 0.00
GARDNVLA_35_KV_LD 355827	36.89 -0.41 0.00	35.06 -0.50 0.00	35.34 -0.43 0.00	35.74 -0.18 0.00	35.71 -0.40 0.00	40.96 0.08 0.00	48.08 -1.28 0.00	53.14 -2.16 0.00	52.37 -2.01 0.00	45.25 -1.59 0.00	43.07 -1.20 0.00	40.92 -1.35 0.00	41.85 -1.29 0.00	45.93 -0.79 0.00	48.25 -1.75 0.00	50.37 -2.54 0.00	53.10 -3.27 0.00	62.18 -3.48 0.00	55.98 -4.02 0.00	50.88 -3.89 0.00	47.01 -4.76 0.00	42.98 -4.10 0.00	41.59 -1.91 0.00	38.27 -1.51 0.00
GELCKHM___115KV_LOAD 80723	36.63 -0.67 0.00	34.84 -0.71 0.00	35.09 -0.68 0.00	35.28 -0.65 0.00	35.42 -0.69 0.00	40.26 -0.61 0.00	48.62 -0.74 0.00	54.69 -0.61 0.00	53.57 -0.82 0.00	46.14 -0.70 0.00	43.60 -0.66 0.00	41.64 -0.63 0.00	42.50 -0.65 0.00	46.12 -0.61 0.00	49.25 -0.75 0.00	52.01 -0.90 0.00	55.52 -0.85 0.00	64.74 -0.92 0.00	59.10 -0.90 0.00	53.67 -1.10 0.00	50.48 -1.29 0.00	45.90 -1.18 0.00	42.59 -0.91 0.00	38.95 -0.84 0.00
GENERAL___MILLS 23808	36.82 -0.48 0.00	35.02 -0.53 0.00	35.27 -0.50 0.00	35.67 -0.25 0.00	35.64 -0.47 0.00	40.87 0.00 0.00	47.98 -1.38 0.00	53.03 -2.27 0.00	52.26 -2.12 0.00	45.16 -1.69 0.00	42.98 -1.28 0.00	40.84 -1.44 0.00	41.76 -1.38 0.00	45.84 -0.89 0.00	48.15 -1.85 0.00	50.26 -2.65 0.00	52.99 -3.38 0.00	62.05 -3.61 0.00	55.86 -4.14 0.00	50.77 -4.00 0.00	46.91 -4.87 0.00	42.89 -4.19 0.00	41.50 -2.00 0.00	38.19 -1.59 0.00
GE_PLASTICS___DRP 24183	37.90 0.60 0.00	36.12 0.57 0.00	36.31 0.54 0.00	36.43 0.50 0.00	36.61 0.51 0.00	41.37 0.49 0.00	50.05 0.69 0.00	56.46 1.16 0.00	55.09 0.71 0.00	47.36 0.52 0.00	44.66 0.40 0.00	42.70 0.42 0.00	43.53 0.39 0.00	47.05 0.33 0.00	50.45 0.45 0.00	53.49 0.58 0.00	57.66 1.30 0.00	67.30 1.64 0.00	61.62 1.62 0.00	56.02 1.26 0.00	52.81 1.04 0.00	48.02 0.94 0.00	44.20 0.70 0.00	40.50 0.72 0.00
GILBOA___1 23756	38.09 0.78 0.00	36.27 0.71 0.00	36.70 0.93 0.00	36.82 0.90 0.00	37.01 0.90 0.00	41.53 0.65 0.00	50.25 0.89 0.00	56.74 1.44 0.00	55.36 0.98 0.00	47.64 0.80 0.00	45.01 0.75 0.00	42.99 0.72 0.00	43.88 0.73 0.00	47.43 0.70 0.00	50.75 0.75 0.00	53.91 1.00 0.00	57.94 1.58 0.00	67.44 1.77 0.00	61.80 1.80 0.00	56.24 1.48 0.00	52.91 1.14 0.00	48.11 1.03 0.00	44.33 0.82 0.00	40.62 0.84 0.00
GILBOA___2 23757	38.09 0.78 0.00	36.27 0.71 0.00	36.70 0.93 0.00	36.82 0.90 0.00	37.01 0.90 0.00	41.53 0.65 0.00	50.25 0.89 0.00	56.74 1.44 0.00	55.36 0.98 0.00	47.64 0.80 0.00	45.01 0.75 0.00	42.99 0.72 0.00	43.88 0.73 0.00	47.43 0.70 0.00	50.75 0.75 0.00	53.91 1.00 0.00	57.94 1.58 0.00	67.44 1.77 0.00	61.80 1.80 0.00	56.24 1.48 0.00	52.91 1.14 0.00	48.11 1.03 0.00	44.33 0.82 0.00	40.62 0.84 0.00

GILBOA___3 23758	38.09 0.78 0.00	36.27 0.71 0.00	36.70 0.93 0.00	36.82 0.90 0.00	37.01 0.90 0.00	41.53 0.65 0.00	50.25 0.89 0.00	56.74 1.44 0.00	55.36 0.98 0.00	47.64 0.80 0.00	45.01 0.75 0.00	42.99 0.72 0.00	43.88 0.73 0.00	47.43 0.70 0.00	50.75 0.75 0.00	53.91 1.00 0.00	57.94 1.58 0.00	67.44 1.77 0.00	61.80 1.80 0.00	56.24 1.48 0.00	52.91 1.14 0.00	48.11 1.03 0.00	44.33 0.82 0.00	40.62 0.84 0.00
GILBOA___4 23759	38.09 0.78 0.00	36.27 0.71 0.00	36.70 0.93 0.00	36.82 0.90 0.00	37.01 0.90 0.00	41.53 0.65 0.00	50.25 0.89 0.00	56.74 1.44 0.00	55.36 0.98 0.00	47.64 0.80 0.00	45.01 0.75 0.00	42.99 0.72 0.00	43.88 0.73 0.00	47.43 0.70 0.00	50.75 0.75 0.00	53.91 1.00 0.00	57.94 1.58 0.00	67.44 1.77 0.00	61.80 1.80 0.00	56.24 1.48 0.00	52.91 1.14 0.00	48.11 1.03 0.00	44.33 0.82 0.00	40.62 0.84 0.00
GILBOA___ 23599	38.09 0.78 0.00	36.27 0.71 0.00	36.70 0.93 0.00	36.82 0.90 0.00	37.01 0.90 0.00	41.53 0.65 0.00	50.25 0.89 0.00	56.74 1.44 0.00	55.36 0.98 0.00	47.64 0.80 0.00	45.01 0.75 0.00	42.99 0.72 0.00	43.88 0.73 0.00	47.43 0.70 0.00	50.75 0.75 0.00	53.81 0.90 0.00	57.89 1.52 0.00	67.44 1.77 0.00	61.80 1.80 0.00	56.19 1.42 0.00	52.91 1.14 0.00	48.11 1.04 0.00	44.33 0.83 0.00	40.62 0.84 0.00
GINNA___ 23603	34.91 -2.39 0.00	33.28 -2.28 0.00	33.48 -2.29 0.00	33.80 -2.12 0.00	33.80 -2.31 0.00	38.50 -2.37 0.00	45.95 -3.41 0.00	51.60 -3.70 0.00	50.68 -3.70 0.00	43.80 -3.04 0.00	41.47 -2.79 0.00	39.44 -2.83 0.00	40.38 -2.76 0.00	43.97 -2.76 0.00	46.75 -3.25 0.00	49.26 -3.65 0.00	52.14 -4.23 0.00	61.06 -4.60 0.00	55.44 -4.56 0.00	50.49 -4.27 0.00	46.96 -4.81 0.00	42.79 -4.28 0.00	40.29 -3.22 0.00	36.92 -2.86 0.00
GLEN PARK___ 23778	36.93 -0.37 0.00	35.34 -0.21 0.00	35.56 -0.21 0.00	35.56 -0.36 0.00	35.78 -0.33 0.00	41.45 0.57 0.00	50.89 1.53 0.00	57.85 2.55 0.00	56.45 2.07 0.00	48.06 1.22 0.00	45.46 1.20 0.00	43.33 1.06 0.00	44.27 1.12 0.00	48.41 1.68 0.00	51.90 1.90 0.00	54.87 1.96 0.00	58.68 2.31 0.00	67.90 2.23 0.00	62.52 2.52 0.00	56.19 1.42 0.00	52.81 1.04 0.00	47.69 0.61 0.00	43.64 0.13 0.00	39.66 -0.12 0.00
GLENDALE_27_KV_LOAD 356172	39.50 2.20 0.00	37.51 1.96 0.00	37.45 1.68 0.00	37.43 1.51 0.00	37.59 1.48 0.00	42.59 1.72 0.00	51.78 2.42 0.00	59.17 3.87 0.00	57.70 3.32 0.00	49.70 2.86 0.00	47.05 2.79 0.00	45.02 2.75 0.00	45.91 2.76 0.00	49.72 2.99 0.00	53.10 3.10 0.00	56.24 3.33 0.00	60.82 4.45 0.00	71.24 5.58 0.00	65.04 5.04 0.00	58.87 4.11 0.00	55.45 3.68 0.00	50.37 3.30 0.00	46.07 2.57 0.00	42.09 2.31 0.00
GLENWOOD_IC_1_G5 23712	39.50 2.20 0.00	37.33 1.78 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.44 1.34 0.00	42.59 1.72 0.00	51.28 1.92 0.00	58.51 3.21 0.00	56.99 2.61 0.00	49.09 2.25 0.00	46.74 2.48 0.00	44.86 2.58 0.00	45.69 2.55 0.00	49.25 2.52 0.00	52.55 2.55 0.00	55.34 2.43 0.00	60.37 4.00 0.00	70.80 5.12 -0.02	64.56 4.56 0.00	58.38 3.61 0.00	54.88 3.11 0.00	50.18 3.11 0.00	46.16 2.65 0.00	41.93 2.15 0.00
GLENWOOD_IC_2_G1 23688	39.24 1.94 0.00	37.23 1.67 0.00	37.13 1.36 0.00	37.15 1.22 0.00	37.34 1.23 0.00	42.43 1.55 0.00	51.23 1.88 0.00	58.34 3.04 0.00	56.88 2.50 0.00	49.00 2.16 0.00	46.52 2.26 0.00	44.56 2.28 0.00	45.43 2.29 0.00	49.02 2.29 0.00	52.25 2.25 0.00	55.71 2.80 0.00	60.48 4.11 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.49 3.73 0.00	55.04 3.26 0.00	50.04 2.97 0.00	45.90 2.39 0.00	41.77 1.99 0.00
GLENWOOD_IC_3_G1 23689	39.24 1.94 0.00	37.23 1.67 0.00	37.13 1.36 0.00	37.15 1.22 0.00	37.34 1.23 0.00	42.43 1.55 0.00	51.23 1.88 0.00	58.34 3.04 0.00	56.88 2.50 0.00	49.00 2.16 0.00	46.52 2.26 0.00	44.56 2.28 0.00	45.43 2.29 0.00	49.02 2.29 0.00	52.25 2.25 0.00	55.71 2.80 0.00	60.48 4.11 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.49 3.73 0.00	55.04 3.26 0.00	50.04 2.97 0.00	45.90 2.39 0.00	41.77 1.99 0.00
GLENWOOD___4 23550	39.50 2.20 0.00	37.33 1.78 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.44 1.34 0.00	42.59 1.72 0.00	51.28 1.92 0.00	58.51 3.21 0.00	56.99 2.61 0.00	49.09 2.25 0.00	46.74 2.48 0.00	44.86 2.58 0.00	45.69 2.55 0.00	49.25 2.52 0.00	52.55 2.55 0.00	55.45 2.54 0.00	60.54 4.17 0.00	70.93 5.25 -0.02	64.68 4.68 0.00	58.54 3.78 0.00	55.04 3.26 0.00	50.18 3.11 0.00	46.16 2.65 0.00	41.93 2.15 0.00
GLENWOOD___5 23614	39.50 2.20 0.00	37.33 1.78 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.44 1.34 0.00	42.59 1.72 0.00	51.28 1.92 0.00	58.51 3.21 0.00	56.99 2.61 0.00	49.09 2.25 0.00	46.74 2.48 0.00	44.86 2.58 0.00	45.69 2.55 0.00	49.25 2.52 0.00	52.55 2.55 0.00	55.45 2.54 0.00	60.54 4.17 0.00	70.93 5.25 -0.02	64.68 4.68 0.00	58.54 3.78 0.00	55.04 3.26 0.00	50.18 3.11 0.00	46.16 2.65 0.00	41.93 2.15 0.00
GLOBAL GREEN_PORT_GT1 23814	40.14 2.83 0.00	37.72 2.17 0.00	37.42 1.65 0.00	37.54 1.62 0.00	37.88 1.77 0.00	43.49 2.62 0.00	51.92 2.57 0.00	59.56 4.26 0.00	58.03 3.64 0.00	49.80 2.95 0.00	47.49 3.23 0.00	45.53 3.26 0.00	46.38 3.24 0.00	49.43 2.71 0.00	52.70 2.70 0.00	56.77 3.86 0.00	62.90 6.54 0.00	73.68 8.01 -0.01	66.84 6.84 0.00	60.35 5.59 0.00	56.59 4.82 0.00	50.61 3.53 0.00	45.98 2.48 0.00	41.65 1.87 0.00
GLOBE___DSASP 323697	35.62 -1.68 0.00	33.88 -1.67 0.00	34.12 -1.65 0.00	34.52 -1.40 0.00	34.45 -1.66 0.00	39.49 -1.39 0.00	46.00 -3.36 0.00	50.49 -4.81 0.00	49.92 -4.46 0.00	43.14 -3.70 0.00	41.03 -3.23 0.00	38.98 -3.30 0.00	39.87 -3.28 0.00	43.69 -3.04 0.00	45.90 -4.10 0.00	47.99 -4.92 0.00	50.39 -5.97 0.00	59.03 -6.63 0.00	53.22 -6.78 0.00	48.41 -6.35 0.00	44.79 -6.99 0.00	41.10 -5.98 0.00	40.02 -3.48 0.00	36.92 -2.86 0.00
GOETHSLN___LBMP 323567	39.02 1.72 0.00	37.05 1.49 0.00	36.99 1.22 0.00	37.00 1.08 0.00	37.16 1.05 0.00	42.14 1.27 0.00	51.23 1.88 0.00	58.51 3.21 0.00	57.05 2.66 0.00	49.14 2.30 0.00	46.52 2.26 0.00	44.47 2.20 0.00	45.39 2.24 0.00	49.16 2.43 0.00	52.50 2.50 0.00	55.56 2.65 0.00	60.09 3.72 0.00	70.39 4.73 0.00	64.26 4.26 0.00	58.21 3.45 0.00	54.88 3.11 0.00	49.85 2.78 0.00	45.59 2.09 0.00	41.65 1.87 0.00
GOLAH___69_KV_TB 1_2 80279	36.67 -0.63 0.00	34.88 -0.68 0.00	35.20 -0.57 0.00	35.56 -0.36 0.00	35.57 -0.54 0.00	40.63 -0.25 0.00	48.13 -1.23 0.00	53.64 -1.66 0.00	52.75 -1.63 0.00	45.58 -1.26 0.00	43.15 -1.11 0.00	41.01 -1.27 0.00	41.98 -1.16 0.00	45.79 -0.93 0.00	48.45 -1.55 0.00	50.95 -1.96 0.00	54.00 -2.37 0.00	63.23 -2.43 0.00	57.42 -2.58 0.00	52.30 -2.46 0.00	48.62 -3.16 0.00	44.35 -2.73 0.00	42.07 -1.44 0.00	38.67 -1.11 0.00

GOODYEAR_LAKE_HYD 323669	38.53 1.23 0.00	36.76 1.21 0.00	37.06 1.29 0.00	37.14 1.22 0.00	37.30 1.19 0.00	42.31 1.43 0.00	51.19 1.83 0.00	57.90 2.60 0.00	56.50 2.12 0.00	48.53 1.69 0.00	45.90 1.64 0.00	43.80 1.52 0.00	44.70 1.55 0.00	48.50 1.78 0.00	51.85 1.85 0.00	54.82 1.90 0.00	58.79 2.42 0.00	68.55 2.89 0.00	62.64 2.64 0.00	56.95 2.19 0.00	53.59 1.81 0.00	48.68 1.60 0.00	44.94 1.44 0.00	41.10 1.31 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.64 0.34 0.00	35.84 0.28 0.00	36.09 0.32 0.00	36.32 0.40 0.00	36.43 0.32 0.00	41.41 0.53 0.00	49.85 0.49 0.00	56.02 0.72 0.00	54.82 0.44 0.00	47.17 0.33 0.00	44.61 0.35 0.00	42.57 0.30 0.00	43.49 0.35 0.00	47.24 0.51 0.00	50.35 0.35 0.00	53.12 0.21 0.00	56.59 0.23 0.00	66.06 0.39 0.00	60.18 0.18 0.00	54.76 0.00 0.00	51.31 -0.47 0.00	46.70 -0.38 0.00	43.51 0.00 0.00	39.86 0.08 0.00
GOUDEY___7 23579	37.64 0.34 0.00	35.84 0.28 0.00	36.09 0.32 0.00	36.32 0.40 0.00	36.43 0.32 0.00	41.41 0.53 0.00	49.85 0.49 0.00	56.02 0.72 0.00	54.82 0.44 0.00	47.17 0.33 0.00	44.61 0.35 0.00	42.57 0.30 0.00	43.49 0.35 0.00	47.24 0.51 0.00	50.35 0.35 0.00	53.12 0.21 0.00	56.59 0.23 0.00	66.06 0.39 0.00	60.18 0.18 0.00	54.76 0.00 0.00	51.31 -0.47 0.00	46.70 -0.38 0.00	43.51 0.00 0.00	39.86 0.08 0.00
GOUDEY___8 23580	37.64 0.34 0.00	35.84 0.28 0.00	36.09 0.32 0.00	36.32 0.40 0.00	36.43 0.32 0.00	41.41 0.53 0.00	49.85 0.49 0.00	56.02 0.72 0.00	54.82 0.44 0.00	47.17 0.33 0.00	44.61 0.35 0.00	42.57 0.30 0.00	43.49 0.35 0.00	47.24 0.51 0.00	50.35 0.35 0.00	53.12 0.21 0.00	56.59 0.23 0.00	66.06 0.39 0.00	60.18 0.18 0.00	54.76 0.00 0.00	51.31 -0.47 0.00	46.70 -0.38 0.00	43.51 0.00 0.00	39.86 0.08 0.00
GOWANUS_GT1_1 24077	39.62 2.31 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.29 3.98 -0.01	57.82 3.43 -0.01	49.80 2.95 -0.01	47.15 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.21 3.20 -0.01	56.36 3.44 -0.01	61.00 4.62 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	58.99 4.22 -0.01	55.56 3.78 -0.01	50.52 3.44 -0.01	46.21 2.70 -0.01	42.26 2.47 -0.01
GOWANUS_GT1_2 24078	39.62 2.31 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.29 3.98 -0.01	57.82 3.43 -0.01	49.80 2.95 -0.01	47.15 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.21 3.20 -0.01	56.36 3.44 -0.01	61.00 4.62 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	58.99 4.22 -0.01	55.56 3.78 -0.01	50.52 3.44 -0.01	46.21 2.70 -0.01	42.26 2.47 -0.01
GOWANUS_GT1_3 24079	39.62 2.31 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.29 3.98 -0.01	57.82 3.43 -0.01	49.80 2.95 -0.01	47.15 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.21 3.20 -0.01	56.36 3.44 -0.01	61.00 4.62 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	58.99 4.22 -0.01	55.56 3.78 -0.01	50.52 3.44 -0.01	46.21 2.70 -0.01	42.26 2.47 -0.01
GOWANUS_GT1_4 24080	39.62 2.31 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.29 3.98 -0.01	57.82 3.43 -0.01	49.80 2.95 -0.01	47.15 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.21 3.20 -0.01	56.36 3.44 -0.01	61.00 4.62 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	58.99 4.22 -0.01	55.56 3.78 -0.01	50.52 3.44 -0.01	46.21 2.70 -0.01	42.26 2.47 -0.01
GOWANUS_GT1_5 24084	39.62 2.31 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.29 3.98 -0.01	57.82 3.43 -0.01	49.80 2.95 -0.01	47.15 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.21 3.20 -0.01	56.36 3.44 -0.01	61.00 4.62 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	58.99 4.22 -0.01	55.56 3.78 -0.01	50.52 3.44 -0.01	46.21 2.70 -0.01	42.26 2.47 -0.01
GOWANUS_GT1_6 24111	39.62 2.31 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.29 3.98 -0.01	57.82 3.43 -0.01	49.80 2.95 -0.01	47.15 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.21 3.20 -0.01	56.36 3.44 -0.01	61.00 4.62 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	58.99 4.22 -0.01	55.56 3.78 -0.01	50.52 3.44 -0.01	46.21 2.70 -0.01	42.26 2.47 -0.01
GOWANUS_GT1_7 24112	39.62 2.31 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.29 3.98 -0.01	57.82 3.43 -0.01	49.80 2.95 -0.01	47.15 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.21 3.20 -0.01	56.36 3.44 -0.01	61.00 4.62 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	58.99 4.22 -0.01	55.56 3.78 -0.01	50.52 3.44 -0.01	46.21 2.70 -0.01	42.26 2.47 -0.01
GOWANUS_GT1_8 24113	39.62 2.31 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.29 3.98 -0.01	57.82 3.43 -0.01	49.80 2.95 -0.01	47.15 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.21 3.20 -0.01	56.36 3.44 -0.01	61.00 4.62 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	58.99 4.22 -0.01	55.56 3.78 -0.01	50.52 3.44 -0.01	46.21 2.70 -0.01	42.26 2.47 -0.01
GOWANUS_GT2_1 24114	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.24 3.93 -0.01	57.76 3.37 -0.01	49.76 2.91 -0.01	47.10 2.84 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.52 3.60 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.05 4.27 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.18 2.39 -0.01
GOWANUS_GT2_2 24115	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.24 3.93 -0.01	57.76 3.37 -0.01	49.76 2.91 -0.01	47.10 2.84 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.52 3.60 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.05 4.27 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.18 2.39 -0.01
GOWANUS_GT2_3 24116	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.24 3.93 -0.01	57.76 3.37 -0.01	49.76 2.91 -0.01	47.10 2.84 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.52 3.60 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.05 4.27 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.18 2.39 -0.01

GOWANUS_GT2_4 24117	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.24 3.93 -0.01	57.76 3.37 -0.01	49.76 2.91 -0.01	47.10 2.84 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.52 3.60 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.05 4.27 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.18 2.39 -0.01
GOWANUS_GT2_5 24118	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.24 3.93 -0.01	57.76 3.37 -0.01	49.76 2.91 -0.01	47.10 2.84 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.52 3.60 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.05 4.27 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.18 2.39 -0.01
GOWANUS_GT2_6 24119	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.24 3.93 -0.01	57.76 3.37 -0.01	49.76 2.91 -0.01	47.10 2.84 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.52 3.60 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.05 4.27 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.18 2.39 -0.01
GOWANUS_GT2_7 24120	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.24 3.93 -0.01	57.76 3.37 -0.01	49.76 2.91 -0.01	47.10 2.84 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.52 3.60 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.05 4.27 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.18 2.39 -0.01
GOWANUS_GT2_8 24121	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.24 3.93 -0.01	57.76 3.37 -0.01	49.76 2.91 -0.01	47.10 2.84 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.52 3.60 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.05 4.27 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.18 2.39 -0.01
GOWANUS_GT3_1 24122	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
GOWANUS_GT3_2 24123	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
GOWANUS_GT3_3 24124	39.59 2.28 -0.01	37.66 2.10 -0.01																						

GOWANUS_GT4_3 24132	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.23 3.93 -0.01	57.76 3.37 -0.01	49.80 2.95 -0.01	47.10 2.83 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.30 3.39 -0.01	60.94 4.57 -0.01	71.32 5.65 -0.01	65.11 5.10 -0.01	58.93 4.16 -0.01	55.56 3.78 -0.01	50.47 3.39 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
GOWANUS_GT4_4 24133	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.23 3.93 -0.01	57.76 3.37 -0.01	49.80 2.95 -0.01	47.10 2.83 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.30 3.39 -0.01	60.94 4.57 -0.01	71.32 5.65 -0.01	65.11 5.10 -0.01	58.93 4.16 -0.01	55.56 3.78 -0.01	50.47 3.39 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
GOWANUS_GT4_5 24134	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.23 3.93 -0.01	57.76 3.37 -0.01	49.80 2.95 -0.01	47.10 2.83 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.30 3.39 -0.01	60.94 4.57 -0.01	71.32 5.65 -0.01	65.11 5.10 -0.01	58.93 4.16 -0.01	55.56 3.78 -0.01	50.47 3.39 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
GOWANUS_GT4_6 24135	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.23 3.93 -0.01	57.76 3.37 -0.01	49.80 2.95 -0.01	47.10 2.83 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.30 3.39 -0.01	60.94 4.57 -0.01	71.32 5.65 -0.01	65.11 5.10 -0.01	58.93 4.16 -0.01	55.56 3.78 -0.01	50.47 3.39 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
GOWANUS_GT4_7 24136	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.23 3.93 -0.01	57.76 3.37 -0.01	49.80 2.95 -0.01	47.10 2.83 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.30 3.39 -0.01	60.94 4.57 -0.01	71.32 5.65 -0.01	65.11 5.10 -0.01	58.93 4.16 -0.01	55.56 3.78 -0.01	50.47 3.39 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
GOWANUS_GT4_8 24137	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.23 3.93 -0.01	57.76 3.37 -0.01	49.80 2.95 -0.01	47.10 2.83 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.30 3.39 -0.01	60.94 4.57 -0.01	71.32 5.65 -0.01	65.11 5.10 -0.01	58.93 4.16 -0.01	55.56 3.78 -0.01	50.47 3.39 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
GREENBSH_115KV_TB3 55895	37.79 0.48 0.00	35.98 0.43 0.00	36.16 0.39 0.00	36.28 0.36 0.00	36.43 0.32 0.00	41.20 0.33 0.00	49.90 0.54 0.00	56.35 1.05 0.00	54.93 0.54 0.00	47.17 0.33 0.00	44.48 0.22 0.00	42.57 0.30 0.00	43.40 0.26 0.00	46.87 0.14 0.00	50.25 0.25 0.00	53.33 0.42 0.00	57.55 1.18 0.00	67.24 1.58 0.00	61.50 1.50 0.00	55.91 1.15 0.00	52.76 0.98 0.00	47.92 0.85 0.00	44.07 0.57 0.00	40.38 0.60 0.00
GREENIDGE_115KV_TB5 80291	37.64 0.34 0.00	35.77 0.21 0.00	36.06 0.29 0.00	36.35 0.43 0.00	36.47 0.36 0.00	41.69 0.82 0.00	49.70 0.35 0.00	55.85 0.55 0.00	54.60 0.22 0.00	47.03 0.19 0.00	44.79 0.53 0.00	42.66 0.38 0.00	43.58 0.43 0.00	47.10 0.37 0.00	50.00 0.00 0.00	52.65 -0.26 0.00	55.97 -0.39 0.00	65.40 -0.26 0.00	59.46 -0.54 0.00	54.00 -0.77 0.00	50.27 -1.50 0.00	45.71 -1.37 0.00	43.20 -0.30 0.00	39.54 -0.24 0.00
GREENIDGE___3 23582	37.64 0.34 0.00	35.77 0.21 0.00	36.06 0.29 0.00	36.35 0.43 0.00	36.47 0.36 0.00	41.69 0.82 0.00	49.70 0.35 0.00	55.85 0.55 0.00	54.60 0.22 0.00	47.03 0.19 0.00	44.79 0.53 0.00	42.66 0.38 0.00	43.58 0.43 0.00	47.10 0.37 0.00	50.00 0.00 0.00	52.65 -0.26 0.00	55.97 -0.39 0.00	65.40 -0.26 0.00	59.46 -0.54 0.00	54.00 -0.77 0.00	50.27 -1.50 0.00	45.71 -1.37 0.00	43.20 -0.30 0.00	39.54 -0.24 0.00
GREENIDGE___4 23583	37.64 0.33 0.00	35.77 0.21 0.00	36.05 0.28 0.00	36.36 0.43 0.00	36.47 0.36 0.00	41.69 0.82 0.00	49.71 0.35 0.00	55.85 0.55 0.00	54.60 0.22 0.00	47.03 0.19 0.00	44.79 0.53 0.00	42.66 0.38 0.00	43.58 0.43 0.00	47.06 0.33 0.00	50.10 0.10 0.00	52.80 -0.11 0.00	56.03 -0.34 0.00	65.60 -0.07 0.00	59.58 -0.42 0.00	54.11 -0.65 0.00	50.27 -1.50 0.00	46.14 -0.94 0.00	43.20 -0.30 0.00	39.58 -0.20 0.00
GREENLWN_69_KV_BK 3 55738	39.58 2.28 0.00	37.12 1.56 0.00	36.88 1.11 0.00	36.89 0.97 0.00	37.12 1.01 0.00	42.39 1.51 0.00	50.25 0.89 0.00	57.35 2.05 0.00	55.74 1.36 0.00	48.30 1.45 0.00	46.47 2.21 0.00	44.69 2.41 0.00	45.47 2.33 0.00	48.60 1.87 0.00	51.65 1.65 0.00	54.76 1.85 0.00	60.26 3.89 0.00	70.79 5.12 -0.01	64.44 4.44 0.00	58.27 3.50 0.00	54.62 2.85 0.00	49.67 2.59 0.00	46.16 2.65 0.00	41.73 1.95 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.62 2.31 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.29 3.98 -0.01	57.82 3.43 -0.01	49.80 2.95 -0.01	47.15 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.21 3.20 -0.01	56.36 3.44 -0.01	61.00 4.62 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	58.99 4.22 -0.01	55.56 3.78 -0.01	50.52 3.44 -0.01	46.21 2.70 -0.01	42.26 2.47 -0.01
GRISSOM___SOLAR 323813	39.20 1.90 0.00	37.51 1.95 0.00	37.63 1.86 0.00	37.68 1.76 0.00	37.88 1.77 0.00	43.12 2.25 0.00	52.37 3.01 0.00	58.79 3.49 0.00	57.15 2.77 0.00	48.77 1.92 0.00	45.90 1.64 0.00	43.80 1.52 0.00	44.61 1.47 0.00	48.55 1.82 0.00	52.10 2.10 0.00	55.40 2.49 0.00	59.69 3.32 0.00	70.00 4.33 0.00	63.90 3.90 0.00	58.10 3.34 0.00	54.67 2.90 0.00	49.62 2.54 0.00	45.81 2.30 0.00	41.93 2.15 0.00
GROVEVILLE___HYD 323602	39.39 2.09 0.00	37.51 1.96 0.00	37.49 1.72 0.00	37.58 1.65 0.00	37.70 1.59 0.00	42.84 1.96 0.00	51.93 2.57 0.00	58.89 3.59 0.00	57.32 2.94 0.00	49.28 2.44 0.00	46.52 2.26 0.00	44.47 2.20 0.00	45.26 2.11 0.00	49.02 2.29 0.00	52.45 2.45 0.00	55.66 2.75 0.00	60.37 4.00 0.00	70.65 4.99 0.00	64.62 4.62 0.00	58.54 3.78 0.00	55.09 3.31 0.00	50.00 2.92 0.00	45.81 2.31 0.00	42.09 2.31 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.78 -0.52 0.00	35.02 -0.53 0.00	35.23 -0.54 0.00	35.42 -0.50 0.00	35.57 -0.54 0.00	40.55 -0.33 0.00	48.96 -0.39 0.00	55.19 -0.11 0.00	54.00 -0.38 0.00	46.56 -0.28 0.00	43.95 -0.31 0.00	41.98 -0.30 0.00	42.89 -0.26 0.00	46.49 -0.23 0.00	49.65 -0.35 0.00	52.43 -0.48 0.00	56.03 -0.34 0.00	65.33 -0.33 0.00	59.64 -0.36 0.00	54.00 -0.77 0.00	50.79 -0.98 0.00	46.18 -0.89 0.00	42.85 -0.65 0.00	39.19 -0.60 0.00

HAMLTNNY_34_KV_TB 80303	36.78 -0.52 0.00	34.99 -0.57 0.00	35.23 -0.54 0.00	35.42 -0.50 0.00	35.57 -0.54 0.00	40.38 -0.49 0.00	48.77 -0.59 0.00	54.91 -0.39 0.00	53.78 -0.60 0.00	46.33 -0.52 0.00	43.77 -0.49 0.00	41.77 -0.51 0.00	42.67 -0.47 0.00	46.26 -0.47 0.00	49.40 -0.60 0.00	52.17 -0.74 0.00	55.69 -0.68 0.00	65.01 -0.66 0.00	59.34 -0.66 0.00	53.94 -0.82 0.00	50.69 -1.09 0.00	46.09 -0.99 0.00	42.81 -0.70 0.00	39.11 -0.68 0.00
HAMPSHIRE___PAPER_HYD 323593	36.82 -0.49 0.00	35.31 -0.25 0.00	35.48 -0.29 0.00	35.56 -0.36 0.00	35.93 -0.18 0.00	41.40 0.53 0.00	50.99 1.63 0.00	57.45 2.15 0.00	56.39 2.01 0.00	47.87 1.03 0.00	45.37 1.11 0.00	43.17 0.89 0.00	44.14 0.99 0.00	48.32 1.59 0.00	51.95 1.95 0.00	54.87 1.96 0.00	58.51 2.14 0.00	66.19 0.52 0.00	62.04 2.04 0.00	56.35 1.59 0.00	53.12 1.34 0.00	47.97 0.89 0.00	43.85 0.35 0.00	39.86 0.08 0.00
HARDSCRABBLE_WT_PWR 323673	37.82 0.52 0.00	36.16 0.60 0.00	36.41 0.64 0.00	36.60 0.68 0.00	36.87 0.76 0.00	41.90 1.02 0.00	50.69 1.33 0.00	57.07 1.77 0.00	56.01 1.63 0.00	48.25 1.40 0.00	45.59 1.33 0.00	43.54 1.27 0.00	44.48 1.34 0.00	48.18 1.45 0.00	51.55 1.55 0.00	54.45 1.54 0.00	58.17 1.80 0.00	67.76 2.10 0.00	61.98 1.98 0.00	56.57 1.80 0.00	53.38 1.61 0.00	48.44 1.37 0.00	44.68 1.18 0.00	40.78 0.99 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.94 1.64 0.00	37.05 1.49 0.00	37.06 1.29 0.00	37.14 1.22 0.00	37.30 1.19 0.00	42.31 1.43 0.00	51.23 1.88 0.00	58.23 2.93 0.00	56.67 2.28 0.00	48.81 1.97 0.00	46.12 1.86 0.00	44.09 1.82 0.00	44.91 1.77 0.00	48.64 1.92 0.00	52.00 2.00 0.00	55.13 2.22 0.00	59.69 3.33 0.00	69.87 4.20 0.00	63.84 3.84 0.00	57.94 3.18 0.00	54.47 2.69 0.00	49.48 2.40 0.00	45.38 1.87 0.00	41.61 1.83 0.00
HARSNRAD_115KV_TB1 81005	36.30 -1.01 0.00	34.52 -1.03 0.00	34.77 -1.00 0.00	35.17 -0.75 0.00	35.10 -1.01 0.00	40.26 -0.61 0.00	47.14 -2.22 0.00	52.04 -3.26 0.00	51.34 -3.05 0.00	44.36 -2.48 0.00	42.18 -2.08 0.00	40.04 -2.24 0.00	40.99 -2.16 0.00	44.95 -1.78 0.00	47.25 -2.75 0.00	49.37 -3.55 0.00	51.97 -4.40 0.00	60.87 -4.79 0.00	54.84 -5.16 0.00	49.89 -4.87 0.00	46.08 -5.70 0.00	42.18 -4.90 0.00	40.94 -2.57 0.00	37.71 -2.07 0.00
HARZA MOOSE___RIVER 24016	37.45 0.15 0.00	35.87 0.32 0.00	36.06 0.29 0.00	36.14 0.22 0.00	36.40 0.29 0.00	41.65 0.78 0.00	50.94 1.58 0.00	57.51 2.21 0.00	56.28 1.90 0.00	47.97 1.12 0.00	45.37 1.11 0.00	43.29 1.01 0.00	44.22 1.08 0.00	48.27 1.54 0.00	51.70 1.70 0.00	54.66 1.75 0.00	58.40 2.03 0.00	68.16 2.50 0.00	62.16 2.16 0.00	56.46 1.70 0.00	52.97 1.19 0.00	47.92 0.85 0.00	43.98 0.48 0.00	40.10 0.32 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.74 -0.56 0.00	34.99 -0.57 0.00	35.20 -0.57 0.00	35.38 -0.54 0.00	35.53 -0.58 0.00	40.34 -0.53 0.00	48.67 -0.69 0.00	54.75 -0.55 0.00	53.62 -0.76 0.00	46.24 -0.61 0.00	43.68 -0.58 0.00	41.68 -0.59 0.00	42.58 -0.56 0.00	46.17 -0.56 0.00	49.30 -0.70 0.00	52.06 -0.85 0.00	55.58 -0.79 0.00	64.81 -0.85 0.00	59.16 -0.84 0.00	53.78 -0.99 0.00	50.53 -1.24 0.00	46.04 -1.04 0.00	42.72 -0.78 0.00	39.07 -0.72 0.00
HELLGATE_13_KV_LD 55870	39.35 2.05 0.00	37.40 1.85 0.00	37.31 1.54 0.00	37.32 1.40 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.58 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.80 2.80 0.00	55.93 3.02 0.00	60.54 4.17 0.00	70.92 5.25 0.00	64.68 4.68 0.00	58.54 3.78 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.85 2.35 0.00	41.93 2.15 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.35 2.05 0.00	37.40 1.85 0.00	37.31 1.54 0.00	37.32 1.40 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.58 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.80 2.80 0.00	55.93 3.02 0.00	60.54 4.17 0.00	70.92 5.25 0.00	64.68 4.68 0.00	58.54 3.78 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.85 2.35 0.00	41.93 2.15 0.00
HEMPSTEAD___ 23647	39.35 2.05 0.00	37.16 1.60 0.00	36.99 1.22 0.00	37.00 1.08 0.00	37.23 1.12 0.00	42.43 1.55 0.00	50.84 1.48 0.00	57.95 2.65 0.00	56.50 2.12 0.00	48.72 1.88 0.00	46.52 2.26 0.00	44.69 2.41 0.00	45.47 2.33 0.00	48.92 2.20 0.00	52.05 2.05 0.00	55.56 2.64 0.00	60.71 4.34 0.00	70.99 5.32 -0.01	64.68 4.68 0.00	58.65 3.89 0.00	55.19 3.42 0.00	50.18 3.11 0.00	46.07 2.57 0.00	41.73 1.95 0.00
HEWLETT_69_KV_BK3 55828	39.88 2.57 0.00	37.51 1.96 0.00	37.27 1.50 0.00	37.32 1.40 0.00	37.52 1.41 0.00	42.84 1.96 0.00	51.28 1.92 0.00	58.56 3.26 0.00	56.94 2.56 0.00	49.14 2.30 0.00	46.96 2.70 0.00	45.11 2.83 0.00	45.91 2.76 0.00	49.39 2.66 0.00	52.65 2.65 0.00	55.87 2.96 0.00	61.33 4.96 0.00	71.92 6.24 -0.01	65.58 5.58 0.00	59.25 4.49 0.00	55.66 3.88 0.00	50.47 3.39 0.00	46.56 3.05 0.00	42.17 2.39 0.00
HICKLING___1 23621	37.83 0.52 0.00	35.98 0.43 0.00	36.27 0.50 0.00	36.57 0.65 0.00	36.69 0.58 0.00	41.86 0.98 0.00	50.15 0.79 0.00	56.19 0.88 0.00	54.98 0.60 0.00	47.36 0.52 0.00	44.84 0.58 0.00	42.74 0.47 0.00	43.66 0.52 0.00	47.52 0.79 0.00	50.45 0.45 0.00	53.07 0.16 0.00	56.20 -0.17 0.00	65.60 -0.07 0.00	59.58 -0.42 0.00	54.16 -0.60 0.00	50.38 -1.40 0.00	45.85 -1.22 0.00	43.20 -0.30 0.00	39.62 -0.16 0.00
HICKLING___2 23622	37.83 0.52 0.00	35.98 0.43 0.00	36.27 0.50 0.00	36.57 0.65 0.00	36.69 0.58 0.00	41.86 0.98 0.00	50.15 0.79 0.00	56.19 0.88 0.00	54.98 0.60 0.00	47.36 0.52 0.00	44.84 0.58 0.00	42.74 0.47 0.00	43.66 0.52 0.00	47.52 0.79 0.00	50.45 0.45 0.00	53.07 0.16 0.00	56.20 -0.17 0.00	65.60 -0.07 0.00	59.58 -0.42 0.00	54.16 -0.60 0.00	50.38 -1.40 0.00	45.85 -1.22 0.00	43.20 -0.30 0.00	39.62 -0.16 0.00
HIGH FALLS___HY 23754	39.84 2.54 0.00	37.94 2.38 0.00	37.92 2.15 0.00	37.97 2.05 0.00	38.09 1.99 0.00	43.41 2.53 0.00	52.57 3.21 0.00	59.61 4.31 0.00	57.97 3.59 0.00	49.80 2.95 0.00	46.96 2.70 0.00	44.86 2.58 0.00	45.65 2.50 0.00	49.48 2.76 0.00	52.90 2.90 0.00	56.24 3.33 0.00	61.05 4.68 0.00	71.57 5.91 0.00	65.52 5.52 0.00	59.25 4.49 0.00	55.66 3.88 0.00	50.56 3.48 0.00	46.25 2.74 0.00	42.57 2.78 0.00
HIGH_RIVER___SOLAR 323847	38.50 1.19 0.00	36.76 1.21 0.00	36.95 1.18 0.00	37.04 1.11 0.00	37.23 1.12 0.00	42.22 1.35 0.00	51.13 1.77 0.00	57.57 2.27 0.00	56.01 1.63 0.00	47.83 0.99 0.00	45.01 0.75 0.00	43.04 0.76 0.00	43.83 0.69 0.00	47.52 0.79 0.00	51.05 1.05 0.00	54.45 1.54 0.00	58.68 2.31 0.00	68.62 2.96 0.00	62.64 2.64 0.00	57.01 2.25 0.00	53.69 1.92 0.00	48.77 1.69 0.00	44.99 1.48 0.00	41.17 1.39 0.00

HILLBURN___GT 23639	38.83 1.53 0.00	36.98 1.42 0.00	36.99 1.22 0.00	37.04 1.11 0.00	37.19 1.08 0.00	42.14 1.27 0.00	51.09 1.73 0.00	58.12 2.82 0.00	56.61 2.23 0.00	48.77 1.92 0.00	46.12 1.86 0.00	44.09 1.82 0.00	44.91 1.77 0.00	48.60 1.87 0.00	51.90 1.90 0.00	55.24 2.33 0.00	59.69 3.32 0.00	69.74 4.07 0.00	63.72 3.72 0.00	57.94 3.18 0.00	54.41 2.64 0.00	49.48 2.40 0.00	45.33 1.83 0.00	41.49 1.71 0.00
HILLSIDE_115KV_TB1 80332	37.41 0.11 0.00	35.59 0.04 0.00	35.84 0.07 0.00	36.10 0.18 0.00	36.25 0.14 0.00	41.28 0.41 0.00	49.46 0.10 0.00	55.41 0.11 0.00	54.22 -0.16 0.00	46.70 -0.14 0.00	44.22 -0.04 0.00	42.15 -0.13 0.00	43.06 -0.09 0.00	46.87 0.14 0.00	49.80 -0.20 0.00	52.43 -0.48 0.00	55.41 -0.96 0.00	64.74 -0.92 0.00	58.80 -1.20 0.00	53.50 -1.26 0.00	49.86 -1.92 0.00	45.43 -1.65 0.00	42.68 -0.83 0.00	39.19 -0.60 0.00
HISHELDN_WT_PWR 323625	36.74 -0.56 0.00	34.92 -0.64 0.00	35.23 -0.54 0.00	35.56 -0.36 0.00	35.60 -0.51 0.00	40.79 -0.08 0.00	48.08 -1.28 0.00	53.31 -1.99 0.00	52.43 -1.96 0.00	45.25 -1.59 0.00	43.02 -1.24 0.00	40.88 -1.39 0.00	41.81 -1.34 0.00	45.79 -0.93 0.00	48.35 -1.65 0.00	50.64 -2.27 0.00	53.32 -3.04 0.00	62.58 -3.09 0.00	56.28 -3.72 0.00	51.10 -3.67 0.00	47.12 -4.66 0.00	43.03 -4.05 0.00	41.29 -2.22 0.00	38.03 -1.75 0.00
HOLTSVILLE_IC_1 23690	39.69 2.39 0.00	37.37 1.81 0.00	37.05 1.29 0.00	37.11 1.18 0.00	37.34 1.23 0.00	42.59 1.72 0.00	50.74 1.38 0.00	57.90 2.60 0.00	56.45 2.07 0.00	48.58 1.73 0.00	46.52 2.26 0.00	44.68 2.41 0.00	45.47 2.33 0.00	48.69 1.96 0.00	51.80 1.80 0.00	55.61 2.70 0.00	61.33 4.96 0.00	71.65 5.97 -0.01	65.34 5.34 0.00	59.26 4.49 0.00	55.76 3.99 0.00	50.37 3.29 0.00	46.16 2.65 0.00	41.73 1.95 0.00
HOLTSVILLE_IC_10 23699	39.84 2.54 0.00	37.47 1.92 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.48 1.37 0.00	42.80 1.92 0.00	50.94 1.58 0.00	58.17 2.87 0.00	56.72 2.34 0.00	48.77 1.92 0.00	46.69 2.43 0.00	44.86 2.58 0.00	45.69 2.54 0.00	48.88 2.15 0.00	52.00 2.00 0.00	55.87 2.96 0.00	61.73 5.36 0.00	72.04 6.37 -0.01	65.70 5.70 0.00	59.64 4.87 0.00	56.12 4.35 0.00	50.61 3.53 0.00	46.33 2.83 0.00	41.85 2.07 0.00
HOLTSVILLE_IC_2 23691	39.69 2.39 0.00	37.37 1.81 0.00	37.05 1.29 0.00	37.11 1.18 0.00	37.34 1.23 0.00	42.59 1.72 0.00	50.74 1.38 0.00	57.90 2.60 0.00	56.45 2.07 0.00	48.58 1.73 0.00	46.52 2.26 0.00	44.68 2.41 0.00	45.47 2.33 0.00	48.69 1.96 0.00	51.80 1.80 0.00	55.61 2.70 0.00	61.33 4.96 0.00	71.65 5.97 -0.01	65.34 5.34 0.00	59.26 4.49 0.00	55.76 3.99 0.00	50.37 3.29 0.00	46.16 2.65 0.00	41.73 1.95 0.00
HOLTSVILLE_IC_3 23692	39.69 2.39 0.00	37.37 1.81 0.00	37.05 1.29 0.00	37.11 1.18 0.00	37.34 1.23 0.00	42.59 1.72 0.00	50.74 1.38 0.00	57.90 2.60 0.00	56.45 2.07 0.00	48.58 1.73 0.00	46.52 2.26 0.00	44.68 2.41 0.00	45.47 2.33 0.00	48.69 1.96 0.00	51.80 1.80 0.00	55.61 2.70 0.00	61.33 4.96 0.00	71.65 5.97 -0.01	65.34 5.34 0.00	59.26 4.49 0.00	55.76 3.99 0.00	50.37 3.29 0.00	46.16 2.65 0.00	41.73 1.95 0.00
HOLTSVILLE_IC_4 23693	39.69 2.39 0.00	37.37 1.81 0.00	37.05 1.29 0.00	37.11 1.18 0.00	37.34 1.23 0.00	42.59 1.72 0.00	50.74 1.38 0.00	57.90 2.60 0.00	56.45 2.07 0.00	48.58 1.73 0.00	46.52 2.26 0.00	44.68 2.41 0.00	45.47 2.33 0.00	48.69 1.96 0.00	51.80 1.80 0.00	55.61 2.70 0.00	61.33 4.96 0.00	71.65 5.97 -0.01	65.34 5.34 0.00	59.26 4.49 0.00	55.76 3.99 0.00	50.37 3.29 0.00	46.16 2.65 0.00	41.73 1.95 0.00
HOLTSVILLE_IC_5 23694	39.69 2.39 0.00	37.37 1.81 0.00	37.05 1.29 0.00	37.11 1.18 0.00	37.34 1.23 0.00	42.59 1.72 0.00	50.74 1.38 0.00	57.90 2.60 0.00	56.45 2.07 0.00	48.58 1.73 0.00	46.52 2.26 0.00	44.68 2.41 0.00	45.47 2.33 0.00	48.69 1.96 0.00	51.80 1.80 0.00	55.61 2.70 0.00	61.33 4.96 0.00	71.65 5.97 -0.01	65.34 5.34 0.00	59.26 4.49 0.00	55.76 3.99 0.00	50.37 3.29 0.00	46.16 2.65 0.00	41.73 1.95 0.00
HOLTSVILLE_IC_6 23695	39.84 2.54 0.00	37.47 1.92 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.48 1.37 0.00	42.80 1.92 0.00	50.94 1.58 0.00	58.17 2.87 0.00	56.72 2.34 0.00	48.77 1.92 0.00	46.69 2.43 0.00	44.86 2.58 0.00	45.69 2.54 0.00	48.88 2.15 0.00	52.00 2.00 0.00	55.87 2.96 0.00	61.73 5.36 0.00	72.04 6.37 -0.01	65.70 5.70 0.00	59.64 4.87 0.00	56.12 4.35 0.00	50.61 3.53 0.00	46.33 2.83 0.00	41.85 2.07 0.00
HOLTSVILLE_IC_7 23696	39.84 2.54 0.00	37.47 1.92 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.48 1.37 0.00	42.80 1.92 0.00	50.94 1.58 0.00	58.17 2.87 0.00	56.72 2.34 0.00	48.77 1.92 0.00	46.69 2.43 0.00	44.86 2.58 0.00	45.69 2.54 0.00	48.88 2.15 0.00	52.00 2.00 0.00	55.87 2.96 0.00	61.73 5.36 0.00	72.04 6.37 -0.01	65.70 5.70 0.00	59.64 4.87 0.00	56.12 4.35 0.00	50.61 3.53 0.00	46.33 2.83 0.00	41.85 2.07 0.00
HOLTSVILLE_IC_8 23697	39.84 2.54 0.00	37.47 1.92 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.48 1.37 0.00	42.80 1.92 0.00	50.94 1.58 0.00	58.17 2.87 0.00	56.72 2.34 0.00	48.77 1.92 0.00	46.69 2.43 0.00	44.86 2.58 0.00	45.69 2.54 0.00	48.88 2.15 0.00	52.00 2.00 0.00	55.87 2.96 0.00	61.73 5.36 0.00	72.04 6.37 -0.01	65.70 5.70 0.00	59.64 4.87 0.00	56.12 4.35 0.00	50.61 3.53 0.00	46.33 2.83 0.00	41.85 2.07 0.00
HOLTSVILLE_IC_9 23698	39.84 2.54 0.00	37.47 1.92 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.48 1.37 0.00	42.80 1.92 0.00	50.94 1.58 0.00	58.17 2.87 0.00	56.72 2.34 0.00	48.77 1.92 0.00	46.69 2.43 0.00	44.86 2.58 0.00	45.69 2.54 0.00	48.88 2.15 0.00	52.00 2.00 0.00	55.87 2.96 0.00	61.73 5.36 0.00	72.04 6.37 -0.01	65.70 5.70 0.00	59.64 4.87 0.00	56.12 4.35 0.00	50.61 3.53 0.00	46.33 2.83 0.00	41.85 2.07 0.00
HOMER_HL_115KV_TB2 355744	36.97 -0.34 0.00	35.16 -0.39 0.00	35.41 -0.36 0.00	35.78 -0.14 0.00	35.78 -0.32 0.00	41.00 0.12 0.00	48.42 -0.94 0.00	53.70 -1.60 0.00	52.64 -1.74 0.00	45.53 -1.31 0.00	43.29 -0.97 0.00	41.13 -1.14 0.00	42.07 -1.08 0.00	46.17 -0.56 0.00	48.60 -1.40 0.00	50.69 -2.22 0.00	54.17 -2.20 0.00	63.36 -2.30 0.00	57.18 -2.82 0.00	52.14 -2.63 0.00	48.05 -3.73 0.00	43.92 -3.15 0.00	42.07 -1.44 0.00	38.75 -1.03 0.00
HOWARD_WT_PWR 323690	37.75 0.45 0.00	35.87 0.32 0.00	36.31 0.54 0.00	36.68 0.76 0.00	36.87 0.76 0.00	42.34 1.47 0.00	50.50 1.14 0.00	56.57 1.27 0.00	55.25 0.87 0.00	47.59 0.75 0.00	45.15 0.88 0.00	42.87 0.59 0.00	43.83 0.69 0.00	47.85 1.12 0.00	50.65 0.65 0.00	53.18 0.27 0.00	56.31 -0.06 0.00	65.99 0.33 0.00	59.58 -0.42 0.00	53.89 -0.88 0.00	49.34 -2.43 0.00	44.82 -2.26 0.00	42.29 -1.22 0.00	38.67 -1.11 0.00

HQ_GEN_CEDARS 23644	37.34 0.04 0.00	35.91 0.36 0.00	36.09 0.32 0.00	36.21 0.29 0.00	36.65 0.54 0.00	42.26 1.39 0.00	52.02 2.67 0.00	58.40 3.10 0.00	57.48 3.10 0.00	48.81 1.97 0.00	46.30 2.04 0.00	44.01 1.73 0.00	45.04 1.90 0.00	49.25 2.52 0.00	53.05 3.05 0.00	56.09 3.17 0.00	59.35 2.99 0.00	69.27 3.61 0.00	63.00 3.00 0.00	57.45 2.68 0.00	54.47 2.69 0.00	49.20 2.12 0.00	45.03 1.52 0.00	40.82 1.03 0.00
HQ_GEN_CEDARS_PROXY 323590	37.42 0.11 0.00	35.91 0.36 0.00	36.09 0.32 0.00	36.21 0.29 0.00	36.65 0.54 0.00	42.27 1.39 0.00	52.02 2.66 0.00	58.40 3.09 0.00	57.48 3.10 0.00	48.81 1.97 0.00	46.30 2.04 0.00	44.01 1.73 0.00	45.04 1.90 0.00	49.25 2.52 0.00	53.05 3.05 0.00	55.98 3.07 0.00	59.64 3.27 0.00	65.53 -0.13 0.00	63.00 3.00 0.00	57.39 2.63 0.00	54.47 2.69 0.00	49.20 2.12 0.00	45.03 1.52 0.00	40.82 1.03 0.00
HQ_GEN_IMPORT 323601	37.38 0.07 0.00	35.66 0.11 0.00	35.88 0.11 0.00	36.03 0.11 0.00	36.29 0.18 0.00	41.08 0.21 0.00	49.92 0.20 -0.36	54.61 -0.33 0.36	54.60 0.22 0.00	47.08 0.24 0.00	44.53 0.27 0.00	42.49 0.21 0.00	43.36 0.22 0.00	47.01 0.28 0.00	50.35 0.35 0.00	54.60 0.21 -1.48	54.61 -0.28 1.48	65.14 -0.53 0.00	59.52 -0.48 0.00	54.60 -0.16 0.00	52.09 0.31 0.00	47.31 0.24 0.00	43.77 0.26 0.00	39.94 0.16 0.00
HQ_GEN_WHEEL 23651	37.38 0.07 0.00	35.66 0.11 0.00	35.88 0.11 0.00	36.03 0.11 0.00	36.29 0.18 0.00	41.08 0.21 0.00	49.92 0.20 -0.36	54.61 -0.33 0.36	54.60 0.22 0.00	47.08 0.24 0.00	44.53 0.27 0.00	42.49 0.21 0.00	43.36 0.22 0.00	47.01 0.28 0.00	50.35 0.35 0.00	54.60 0.21 -1.48	54.61 -0.28 1.48	65.14 -0.53 0.00	59.52 -0.48 0.00	54.60 -0.16 0.00	52.09 0.31 0.00	47.31 0.24 0.00	43.77 0.26 0.00	39.94 0.16 0.00
HUDSON AVE_GT_3 23810	39.24 1.94 0.00	37.30 1.74 0.00	37.24 1.47 0.00	37.25 1.33 0.00	37.41 1.30 0.00	42.43 1.55 0.00	51.58 2.22 0.00	58.89 3.59 0.00	57.43 3.05 0.00	49.47 2.62 0.00	46.83 2.57 0.00	44.77 2.49 0.00	45.69 2.55 0.00	49.48 2.76 0.00	52.85 2.85 0.00	55.93 3.02 0.00	60.54 4.17 0.00	70.85 5.19 0.00	64.68 4.68 0.00	58.60 3.83 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.90 2.39 0.00	41.89 2.11 0.00
HUDSON AVE_GT_4 23540	39.24 1.94 0.00	37.30 1.74 0.00	37.24 1.47 0.00	37.25 1.33 0.00	37.41 1.30 0.00	42.43 1.55 0.00	51.58 2.22 0.00	58.89 3.59 0.00	57.43 3.05 0.00	49.47 2.62 0.00	46.83 2.57 0.00	44.77 2.49 0.00	45.69 2.55 0.00	49.48 2.76 0.00	52.85 2.85 0.00	55.93 3.02 0.00	60.54 4.17 0.00	70.85 5.19 0.00	64.68 4.68 0.00	58.60 3.83 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.90 2.39 0.00	41.89 2.11 0.00
HUDSON AVE_GT_5 23657	39.24 1.94 0.00	37.30 1.74 0.00	37.24 1.47 0.00	37.25 1.33 0.00	37.41 1.30 0.00	42.43 1.55 0.00	51.58 2.22 0.00	58.89 3.59 0.00	57.43 3.05 0.00	49.47 2.62 0.00	46.83 2.57 0.00	44.77 2.49 0.00	45.69 2.55 0.00	49.48 2.76 0.00	52.85 2.85 0.00	55.93 3.02 0.00	60.54 4.17 0.00	70.85 5.19 0.00	64.68 4.68 0.00	58.60 3.83 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.90 2.39 0.00	41.89 2.11 0.00
HUDSON_AVE_10 24168	39.17 1.87 0.00	37.19 1.64 0.00	37.13 1.36 0.00	37.14 1.22 0.00	37.30 1.19 0.00	42.35 1.47 0.00	51.48 2.12 0.00	58.78 3.48 0.00	57.32 2.94 0.00	49.37 2.53 0.00	46.74 2.48 0.00	44.73 2.45 0.00	45.65 2.50 0.00	49.39 2.66 0.00	52.75 2.75 0.00	55.87 2.96 0.00	60.43 4.06 0.00	70.78 5.12 0.00	64.62 4.62 0.00	58.49 3.72 0.00	55.09 3.31 0.00	50.09 3.01 0.00	45.81 2.31 0.00	41.81 2.03 0.00
HUDSON___115KV_TB 4 355613	38.53 1.23 0.00	36.76 1.21 0.00	36.91 1.14 0.00	37.00 1.08 0.00	37.16 1.05 0.00	42.18 1.31 0.00	51.09 1.73 0.00	57.46 2.16 0.00	55.90 1.52 0.00	47.88 1.03 0.00	45.01 0.75 0.00	43.04 0.76 0.00	43.79 0.65 0.00	47.43 0.70 0.00	50.95 0.95 0.00	54.23 1.32 0.00	58.62 2.25 0.00	68.62 2.95 0.00	62.88 2.88 0.00	57.06 2.30 0.00	53.74 1.97 0.00	48.82 1.74 0.00	44.85 1.35 0.00	41.25 1.47 0.00
HUNTER MOUNT___DRP 323613	38.72 1.42 0.00	36.94 1.39 0.00	37.09 1.32 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.47 1.59 0.00	51.38 2.02 0.00	57.68 2.38 0.00	56.07 1.69 0.00	47.92 1.08 0.00	45.01 0.75 0.00	43.04 0.76 0.00	43.79 0.65 0.00	47.43 0.70 0.00	50.95 0.95 0.00	54.29 1.38 0.00	58.79 2.42 0.00	68.81 3.15 0.00	63.12 3.12 0.00	57.23 2.46 0.00	53.90 2.12 0.00	48.91 1.84 0.00	44.94 1.44 0.00	41.41 1.63 0.00
HUNTINGTON_RES_REC 323705	39.62 2.31 0.00	37.30 1.74 0.00	37.02 1.25 0.00	37.04 1.11 0.00	37.26 1.16 0.00	42.59 1.72 0.00	50.54 1.18 0.00	57.68 2.38 0.00	56.17 1.79 0.00	48.48 1.64 0.00	46.60 2.34 0.00	44.77 2.49 0.00	45.60 2.46 0.00	48.73 2.01 0.00	51.75 1.75 0.00	55.55 2.64 0.00	61.10 4.74 0.00	71.38 5.71 -0.01	65.04 5.04 0.00	59.04 4.27 0.00	55.55 3.78 0.00	50.32 3.25 0.00	46.33 2.83 0.00	41.81 2.03 0.00
HUNTLEY___63 23557	36.63 -0.67 0.00	34.81 -0.75 0.00	35.05 -0.72 0.00	35.46 -0.47 0.00	35.39 -0.72 0.00	40.63 -0.25 0.00	47.48 -1.88 0.00	52.37 -2.93 0.00	51.72 -2.66 0.00	44.69 -2.15 0.00	42.53 -1.73 0.00	40.37 -1.90 0.00	41.33 -1.81 0.00	45.32 -1.40 0.00	47.65 -2.35 0.00	49.68 -3.23 0.00	52.31 -4.06 0.00	61.26 -4.40 0.00	55.20 -4.80 0.00	50.16 -4.60 0.00	46.39 -5.38 0.00	42.46 -4.61 0.00	41.20 -2.31 0.00	37.91 -1.87 0.00
HUNTLEY___64 23558	36.63 -0.67 0.00	34.81 -0.75 0.00	35.05 -0.72 0.00	35.46 -0.47 0.00	35.39 -0.72 0.00	40.63 -0.25 0.00	47.48 -1.88 0.00	52.37 -2.93 0.00	51.72 -2.66 0.00	44.69 -2.15 0.00	42.53 -1.73 0.00	40.37 -1.90 0.00	41.33 -1.81 0.00	45.32 -1.40 0.00	47.65 -2.35 0.00	49.68 -3.23 0.00	52.31 -4.06 0.00	61.26 -4.40 0.00	55.20 -4.80 0.00	50.16 -4.60 0.00	46.39 -5.38 0.00	42.46 -4.61 0.00	41.20 -2.31 0.00	37.91 -1.87 0.00
HUNTLEY___65 23559	36.63 -0.67 0.00	34.81 -0.75 0.00	35.05 -0.72 0.00	35.46 -0.47 0.00	35.39 -0.72 0.00	40.63 -0.25 0.00	47.48 -1.88 0.00	52.37 -2.93 0.00	51.72 -2.66 0.00	44.69 -2.15 0.00	42.53 -1.73 0.00	40.37 -1.90 0.00	41.33 -1.81 0.00	45.32 -1.40 0.00	47.65 -2.35 0.00	49.68 -3.23 0.00	52.31 -4.06 0.00	61.26 -4.40 0.00	55.20 -4.80 0.00	50.16 -4.60 0.00	46.39 -5.38 0.00	42.46 -4.61 0.00	41.20 -2.31 0.00	37.91 -1.87 0.00
HUNTLEY___66 23560	36.63 -0.67 0.00	34.81 -0.75 0.00	35.05 -0.72 0.00	35.46 -0.47 0.00	35.39 -0.72 0.00	40.63 -0.25 0.00	47.48 -1.88 0.00	52.37 -2.93 0.00	51.72 -2.66 0.00	44.69 -2.15 0.00	42.53 -1.73 0.00	40.37 -1.90 0.00	41.33 -1.81 0.00	45.32 -1.40 0.00	47.65 -2.35 0.00	49.68 -3.23 0.00	52.31 -4.06 0.00	61.26 -4.40 0.00	55.20 -4.80 0.00	50.16 -4.60 0.00	46.39 -5.38 0.00	42.46 -4.61 0.00	41.20 -2.31 0.00	37.91 -1.87 0.00

HUNTLEY___67 23561	36.26 -1.04 0.00	34.49 -1.07 0.00	34.73 -1.04 0.00	35.13 -0.79 0.00	35.10 -1.01 0.00	40.22 -0.65 0.00	47.14 -2.22 0.00	51.93 -3.37 0.00	51.28 -3.10 0.00	44.32 -2.53 0.00	42.14 -2.12 0.00	40.04 -2.24 0.00	40.94 -2.20 0.00	44.90 -1.82 0.00	47.20 -2.80 0.00	49.31 -3.60 0.00	51.91 -4.45 0.00	60.80 -4.86 0.00	54.78 -5.22 0.00	49.84 -4.93 0.00	46.08 -5.70 0.00	42.18 -4.90 0.00	40.89 -2.61 0.00	37.67 -2.11 0.00
HUNTLEY___68 23562	36.26 -1.04 0.00	34.49 -1.07 0.00	34.73 -1.04 0.00	35.13 -0.79 0.00	35.10 -1.01 0.00	40.22 -0.65 0.00	47.14 -2.22 0.00	51.93 -3.37 0.00	51.28 -3.10 0.00	44.32 -2.53 0.00	42.14 -2.12 0.00	40.04 -2.24 0.00	40.94 -2.20 0.00	44.90 -1.82 0.00	47.20 -2.80 0.00	49.31 -3.60 0.00	51.91 -4.45 0.00	60.80 -4.86 0.00	54.78 -5.22 0.00	49.84 -4.93 0.00	46.08 -5.70 0.00	42.18 -4.90 0.00	40.89 -2.61 0.00	37.67 -2.11 0.00
HYLAND___LFGE 323620	38.50 1.19 0.00	36.62 1.07 0.00	36.91 1.14 0.00	37.32 1.40 0.00	37.34 1.23 0.00	42.76 1.88 0.00	51.09 1.73 0.00	57.62 2.32 0.00	56.17 1.79 0.00	48.15 1.31 0.00	45.41 1.15 0.00	43.08 0.80 0.00	44.09 0.95 0.00	48.27 1.54 0.00	51.35 1.35 0.00	54.39 1.48 0.00	57.94 1.58 0.00	68.22 2.56 0.00	61.80 1.80 0.00	56.08 1.31 0.00	51.67 -0.10 0.00	46.98 -0.09 0.00	44.29 0.78 0.00	40.46 0.68 0.00
INDECK___CORINTH 23802	37.98 0.67 0.00	36.34 0.78 0.00	36.38 0.61 0.00	36.43 0.50 0.00	36.61 0.51 0.00	41.65 0.77 0.00	50.74 1.38 0.00	57.07 1.77 0.00	55.53 1.14 0.00	47.50 0.66 0.00	44.61 0.35 0.00	42.74 0.47 0.00	43.49 0.34 0.00	47.24 0.51 0.00	50.80 0.80 0.00	54.02 1.11 0.00	58.34 1.97 0.00	68.36 2.69 0.00	62.40 2.40 0.00	56.68 1.92 0.00	53.33 1.55 0.00	48.35 1.27 0.00	44.37 0.87 0.00	40.74 0.95 0.00
INDECK___ILION 23567	37.75 0.45 0.00	36.05 0.50 0.00	36.27 0.50 0.00	36.43 0.50 0.00	36.65 0.54 0.00	41.49 0.61 0.00	50.20 0.84 0.00	56.46 1.16 0.00	55.36 0.98 0.00	47.64 0.80 0.00	45.01 0.75 0.00	43.04 0.76 0.00	43.92 0.78 0.00	47.57 0.84 0.00	50.90 0.90 0.00	53.81 0.90 0.00	57.49 1.13 0.00	67.04 1.38 0.00	61.26 1.26 0.00	55.91 1.15 0.00	52.76 0.98 0.00	47.92 0.85 0.00	44.24 0.74 0.00	40.42 0.64 0.00
INDECK___OLEAN 23982	36.97 -0.34 0.00	35.16 -0.39 0.00	35.41 -0.36 0.00	35.78 -0.14 0.00	35.82 -0.29 0.00	41.00 0.12 0.00	48.42 -0.94 0.00	53.75 -1.55 0.00	52.64 -1.74 0.00	45.53 -1.31 0.00	43.29 -0.97 0.00	41.14 -1.14 0.00	42.07 -1.08 0.00	46.12 -0.61 0.00	48.65 -1.35 0.00	50.90 -2.01 0.00	54.23 -2.14 0.00	63.56 -2.10 0.00	57.24 -2.76 0.00	52.25 -2.52 0.00	48.05 -3.73 0.00	43.97 -3.11 0.00	42.07 -1.43 0.00	38.79 -0.99 0.00
INDECK___OSWEGO 23783	36.07 -1.23 0.00	34.35 -1.21 0.00	34.55 -1.22 0.00	34.74 -1.18 0.00	34.88 -1.23 0.00	41.04 0.16 0.00	49.75 0.39 0.00	56.13 0.83 0.00	54.93 0.54 0.00	47.27 0.42 0.00	44.66 0.40 0.00	42.66 0.38 0.00	43.53 0.39 0.00	47.29 0.56 0.00	50.55 0.55 0.00	53.44 0.53 0.00	57.10 0.73 0.00	66.51 0.85 0.00	60.78 0.78 0.00	53.07 -1.70 0.00	49.91 -1.86 0.00	45.38 -1.69 0.00	42.03 -1.48 0.00	38.43 -1.35 0.00
INDECK___YERKES 23781	36.67 -0.63 0.00	34.84 -0.71 0.00	35.09 -0.68 0.00	35.49 -0.43 0.00	35.46 -0.65 0.00	40.67 -0.20 0.00	47.53 -1.83 0.00	52.48 -2.82 0.00	51.77 -2.61 0.00	44.74 -2.11 0.00	42.58 -1.68 0.00	40.46 -1.82 0.00	41.37 -1.77 0.00	45.42 -1.31 0.00	47.80 -2.20 0.00	49.95 -2.96 0.00	52.37 -4.00 0.00	61.59 -4.07 0.00	55.38 -4.62 0.00	50.33 -4.43 0.00	46.39 -5.39 0.00	42.56 -4.52 0.00	41.24 -2.26 0.00	37.99 -1.79 0.00
INDIAN POINT_GT_1 24139	38.94 1.64 0.00	37.01 1.46 0.00	37.02 1.25 0.00	37.04 1.11 0.00	37.23 1.12 0.00	42.18 1.31 0.00	51.19 1.83 0.00	58.23 2.93 0.00	56.77 2.39 0.00	48.86 2.01 0.00	46.21 1.95 0.00	44.18 1.90 0.00	45.00 1.86 0.00	48.69 1.96 0.00	52.05 2.05 0.00	55.19 2.28 0.00	59.75 3.38 0.00	69.93 4.27 0.00	63.90 3.90 0.00	57.94 3.18 0.00	54.52 2.74 0.00	49.57 2.50 0.00	45.46 1.96 0.00	41.57 1.79 0.00
INDIAN POINT_GT_2 23659	38.94 1.64 0.00	37.01 1.46 0.00	37.02 1.25 0.00	37.04 1.11 0.00	37.23 1.12 0.00	42.18 1.31 0.00	51.19 1.83 0.00	58.23 2.93 0.00	56.77 2.39 0.00	48.86 2.01 0.00	46.21 1.95 0.00	44.18 1.90 0.00	45.00 1.86 0.00	48.69 1.96 0.00	52.05 2.05 0.00	55.19 2.28 0.00	59.75 3.38 0.00	69.93 4.27 0.00	63.90 3.90 0.00	57.94 3.18 0.00	54.52 2.74 0.00	49.57 2.50 0.00	45.46 1.96 0.00	41.57 1.79 0.00
INDIAN POINT_GT_3 24019	38.94 1.64 0.00	37.01 1.46 0.00	37.02 1.25 0.00	37.04 1.11 0.00	37.23 1.12 0.00	42.18 1.31 0.00	51.19 1.83 0.00	58.23 2.93 0.00	56.77 2.39 0.00	48.86 2.01 0.00	46.21 1.95 0.00	44.18 1.90 0.00	45.00 1.86 0.00	48.69 1.96 0.00	52.05 2.05 0.00	55.19 2.28 0.00	59.75 3.38 0.00	69.93 4.27 0.00	63.90 3.90 0.00	57.94 3.18 0.00	54.52 2.74 0.00	49.57 2.50 0.00	45.46 1.96 0.00	41.57 1.79 0.00
INDIAN POINT___2 23530	38.83 1.53 0.00	36.98 1.42 0.00	36.95 1.18 0.00	37.00 1.08 0.00	37.16 1.05 0.00	42.14 1.27 0.00	51.09 1.73 0.00	58.12 2.82 0.00	56.61 2.23 0.00	48.77 1.92 0.00	46.12 1.86 0.00	44.09 1.82 0.00	44.96 1.81 0.00	48.64 1.92 0.00	51.95 1.95 0.00	55.24 2.33 0.00	59.75 3.38 0.00	69.80 4.14 0.00	63.72 3.72 0.00	57.94 3.18 0.00	54.47 2.69 0.00	49.52 2.45 0.00	45.37 1.87 0.00	41.49 1.71 0.00
INDIAN POINT___3 23531	38.87 1.57 0.00	36.98 1.42 0.00	36.99 1.22 0.00	37.04 1.11 0.00	37.19 1.08 0.00	42.14 1.27 0.00	51.09 1.73 0.00	58.18 2.88 0.00	56.67 2.28 0.00	48.77 1.92 0.00	46.12 1.86 0.00	44.09 1.82 0.00	44.96 1.81 0.00	48.64 1.92 0.00	52.00 2.00 0.00	55.08 2.17 0.00	59.64 3.27 0.00	69.80 4.14 0.00	63.78 3.78 0.00	57.89 3.12 0.00	54.47 2.69 0.00	49.48 2.40 0.00	45.38 1.87 0.00	41.53 1.75 0.00
INGHAM_C_115KV_TB7 356103	38.16 0.86 0.00	36.48 0.92 0.00	36.74 0.97 0.00	36.89 0.97 0.00	37.16 1.05 0.00	42.18 1.31 0.00	51.04 1.68 0.00	57.46 2.16 0.00	56.34 1.96 0.00	48.53 1.69 0.00	45.85 1.59 0.00	43.80 1.52 0.00	44.74 1.60 0.00	48.46 1.73 0.00	51.85 1.85 0.00	54.76 1.85 0.00	58.51 2.14 0.00	68.22 2.56 0.00	62.34 2.34 0.00	56.90 2.14 0.00	53.69 1.92 0.00	48.72 1.65 0.00	44.98 1.48 0.00	41.06 1.27 0.00
IP CORINTH___1 23988	38.16 0.86 0.00	36.55 1.00 0.00	36.59 0.82 0.00	36.64 0.72 0.00	36.79 0.69 0.00	41.86 0.98 0.00	50.99 1.63 0.00	57.35 2.05 0.00	55.80 1.41 0.00	47.78 0.94 0.00	44.88 0.62 0.00	42.95 0.68 0.00	43.75 0.60 0.00	47.52 0.79 0.00	51.10 1.10 0.00	54.23 1.32 0.00	58.62 2.25 0.00	68.68 3.02 0.00	62.70 2.70 0.00	56.95 2.19 0.00	53.59 1.81 0.00	48.63 1.55 0.00	44.64 1.13 0.00	40.94 1.15 0.00

IP___TICONDEROGA 23804	39.28 1.98 0.00	37.76 2.20 0.00	37.70 1.93 0.00	37.65 1.72 0.00	37.84 1.73 0.00	43.29 2.41 0.00	52.96 3.60 0.00	59.39 4.09 0.00	57.75 3.37 0.00	49.33 2.48 0.00	46.25 1.99 0.00	44.31 2.03 0.00	45.04 1.90 0.00	49.16 2.43 0.00	52.90 2.90 0.00	56.14 3.23 0.00	60.65 4.28 0.00	71.31 5.65 0.00	64.98 4.98 0.00	58.87 4.11 0.00	55.35 3.57 0.00	50.18 3.11 0.00	45.98 2.48 0.00	42.21 2.43 0.00
ISLIP_RES_REC 323679	40.02 2.72 0.00	37.61 2.06 0.00	37.31 1.54 0.00	37.36 1.44 0.00	37.62 1.52 0.00	42.96 2.08 0.00	51.19 1.83 0.00	58.51 3.21 0.00	56.99 2.61 0.00	49.00 2.16 0.00	46.96 2.70 0.00	45.07 2.79 0.00	45.91 2.76 0.00	49.15 2.43 0.00	52.30 2.30 0.00	56.24 3.34 0.00	62.12 5.75 0.00	72.50 6.83 -0.01	66.12 6.12 0.00	59.97 5.21 0.00	56.44 4.66 0.00	50.84 3.77 0.00	46.55 3.04 0.00	42.01 2.23 0.00
JAMAICA__27_KV_LOAD 355505	39.39 2.09 0.00	37.40 1.85 0.00	37.34 1.57 0.00	37.32 1.40 0.00	37.44 1.34 0.00	42.63 1.76 0.00	51.93 2.57 0.00	59.34 4.04 0.00	57.86 3.48 0.00	49.84 3.00 0.00	47.18 2.92 0.00	45.11 2.83 0.00	46.08 2.93 0.00	49.95 3.22 0.00	53.35 3.35 0.00	56.46 3.55 0.00	61.16 4.79 0.00	71.70 6.04 0.00	65.46 5.46 0.00	59.25 4.49 0.00	55.81 4.04 0.00	50.61 3.53 0.00	46.07 2.57 0.00	42.05 2.27 0.00
JANIS___SOLAR 323808	38.94 1.64 0.00	37.12 1.56 0.00	37.42 1.65 0.00	37.54 1.62 0.00	37.73 1.63 0.00	43.12 2.25 0.00	52.32 2.96 0.00	66.92 11.62 0.00	64.11 9.73 0.00	54.48 7.64 0.00	51.43 7.17 0.00	49.04 6.76 0.00	50.09 6.95 0.00	54.81 8.08 0.00	58.85 8.85 0.00	62.17 9.26 0.00	67.02 10.66 0.00	69.80 4.14 0.00	63.66 3.66 0.00	57.83 3.06 0.00	54.16 2.38 0.00	49.20 2.12 0.00	45.51 2.00 0.00	41.53 1.75 0.00
JARVIS____ 23743	37.42 0.11 0.00	35.66 0.11 0.00	35.88 0.11 0.00	36.00 0.07 0.00	36.18 0.07 0.00	40.92 0.04 0.00	49.41 0.05 0.00	55.58 0.28 0.00	54.49 0.11 0.00	46.94 0.09 0.00	44.30 0.04 0.00	42.36 0.08 0.00	43.23 0.09 0.00	46.77 0.05 0.00	50.05 0.05 0.00	53.02 0.11 0.00	56.65 0.28 0.00	65.99 0.33 0.00	60.30 0.30 0.00	55.04 0.28 0.00	51.93 0.16 0.00	47.22 0.14 0.00	43.59 0.09 0.00	39.90 0.12 0.00
JENNISON___1 23625	39.06 1.75 0.00	37.33 1.78 0.00	37.59 1.82 0.00	37.68 1.76 0.00	37.84 1.73 0.00	43.12 2.25 0.00	52.27 2.91 0.00	60.72 5.42 0.00	58.95 4.57 0.00	50.55 3.70 0.00	47.80 3.54 0.00	45.62 3.34 0.00	46.60 3.45 0.00	50.65 3.93 0.00	54.15 4.15 0.00	57.14 4.23 0.00	61.27 4.90 0.00	69.87 4.20 0.00	63.84 3.84 0.00	57.94 3.18 0.00	54.36 2.59 0.00	49.38 2.31 0.00	45.55 2.04 0.00	41.61 1.83 0.00
JENNISON___2 23626	39.06 1.75 0.00	37.33 1.78 0.00	37.59 1.82 0.00	37.68 1.76 0.00	37.84 1.73 0.00	43.12 2.25 0.00	52.27 2.91 0.00	60.72 5.42 0.00	58.95 4.57 0.00	50.55 3.70 0.00	47.80 3.54 0.00	45.62 3.34 0.00	46.60 3.45 0.00	50.65 3.93 0.00	54.15 4.15 0.00	57.14 4.23 0.00	61.27 4.90 0.00	69.87 4.20 0.00	63.84 3.84 0.00	57.94 3.18 0.00	54.36 2.59 0.00	49.38 2.31 0.00	45.55 2.04 0.00	41.61 1.83 0.00
JERICHO_RISE_WT_PWR 323719	36.89 -0.41 0.00	35.31 -0.25 0.00	35.56 -0.21 0.00	35.82 -0.11 0.00	36.25 0.15 0.00	41.33 0.45 0.00	50.20 0.84 0.00	55.47 0.17 0.00	55.36 0.98 0.00	47.55 0.70 0.00	45.06 0.80 0.00	42.87 0.59 0.00	43.83 0.69 0.00	47.75 1.03 0.00	51.45 1.45 0.00	54.34 1.43 0.00	57.32 0.96 0.00	65.93 0.26 0.00	60.36 0.36 0.00	55.80 1.04 0.00	53.38 1.61 0.00	48.35 1.27 0.00	44.55 1.04 0.00	40.46 0.68 0.00
KATONAH__115KV_46KV_TB4 355592	39.32 2.01 0.00	37.37 1.81 0.00	37.34 1.57 0.00	37.32 1.40 0.00	37.52 1.41 0.00	42.59 1.72 0.00	51.88 2.52 0.00	58.95 3.65 0.00	57.48 3.10 0.00	49.33 2.48 0.00	46.69 2.43 0.00	44.56 2.28 0.00	45.30 2.16 0.00	49.06 2.34 0.00	52.55 2.55 0.00	55.61 2.70 0.00	60.31 3.95 0.00	70.65 4.99 0.00	64.56 4.56 0.00	58.60 3.83 0.00	55.14 3.37 0.00	50.04 2.97 0.00	45.85 2.35 0.00	41.97 2.19 0.00
KCE_NY_1 323755	38.87 1.57 0.00	37.16 1.60 0.00	37.24 1.47 0.00	37.32 1.40 0.00	37.48 1.37 0.00	42.59 1.72 0.00	51.73 2.37 0.00	58.23 2.93 0.00	56.67 2.28 0.00	48.53 1.68 0.00	45.63 1.37 0.00	43.71 1.44 0.00	44.53 1.38 0.00	48.27 1.54 0.00	51.85 1.85 0.00	55.13 2.22 0.00	59.52 3.15 0.00	69.60 3.94 0.00	63.60 3.60 0.00	57.83 3.06 0.00	54.41 2.64 0.00	49.38 2.31 0.00	45.42 1.91 0.00	41.65 1.87 0.00
KCE_NY_6_ESR 323823	36.86 -0.45 0.00	35.02 -0.53 0.00	35.30 -0.47 0.00	35.71 -0.21 0.00	35.68 -0.43 0.00	40.92 0.04 0.00	48.03 -1.33 0.00	53.14 -2.16 0.00	52.32 -2.07 0.00	45.20 -1.64 0.00	43.02 -1.24 0.00	40.88 -1.39 0.00	41.81 -1.34 0.00	45.89 -0.84 0.00	48.30 -1.70 0.00	50.48 -2.43 0.00	53.04 -3.33 0.00	62.32 -3.35 0.00	56.04 -3.96 0.00	50.93 -3.83 0.00	46.91 -4.87 0.00	42.93 -4.14 0.00	41.50 -2.00 0.00	38.23 -1.55 0.00
KEDC_PORT_JEFF_GT2 24210	39.84 2.54 0.00	37.47 1.92 0.00	37.16 1.39 0.00	37.21 1.29 0.00	37.48 1.37 0.00	42.80 1.92 0.00	50.94 1.58 0.00	58.17 2.87 0.00	56.67 2.28 0.00	48.77 1.92 0.00	46.74 2.48 0.00	44.86 2.58 0.00	45.69 2.54 0.00	48.88 2.15 0.00	52.00 2.00 0.00	55.87 2.96 0.00	61.66 5.30 0.00	71.65 5.97 0.00	65.28 5.28 0.00	59.64 4.87 0.00	56.12 4.35 0.00	50.61 3.53 0.00	46.38 2.87 0.00	41.89 2.11 0.00
KEDC_PORT_JEFF_GT3 24211	39.84 2.54 0.00	37.47 1.92 0.00	37.16 1.39 0.00	37.21 1.29 0.00	37.48 1.37 0.00	42.80 1.92 0.00	50.94 1.58 0.00	58.17 2.87 0.00	56.67 2.28 0.00	48.77 1.92 0.00	46.74 2.48 0.00	44.86 2.58 0.00	45.69 2.54 0.00	48.88 2.15 0.00	52.00 2.00 0.00	55.87 2.96 0.00	61.66 5.30 0.00	71.65 5.97 -0.01	65.28 5.28 0.00	59.64 4.87 0.00	56.12 4.35 0.00	50.61 3.53 0.00	46.38 2.87 0.00	41.89 2.11 0.00
KEDC_GLWD_GT4 24219	39.43 2.13 0.00	37.33 1.78 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.45 1.34 0.00	42.59 1.72 0.00	51.28 1.92 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.09 2.25 0.00	46.74 2.48 0.00	44.81 2.54 0.00	45.69 2.54 0.00	49.25 2.52 0.00	52.45 2.45 0.00	55.61 2.70 0.00	60.48 4.11 0.00	70.73 5.06 -0.02	64.50 4.50 0.00	58.49 3.73 0.00	55.04 3.26 0.00	50.32 3.25 0.00	46.16 2.65 0.00	41.93 2.15 0.00
KEDC_GLWD_GT5 24220	39.43 2.13 0.00	37.33 1.78 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.45 1.34 0.00	42.59 1.72 0.00	51.28 1.92 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.09 2.25 0.00	46.74 2.48 0.00	44.81 2.54 0.00	45.69 2.54 0.00	49.25 2.52 0.00	52.45 2.45 0.00	55.61 2.70 0.00	60.48 4.11 0.00	70.73 5.06 -0.02	64.50 4.50 0.00	58.49 3.73 0.00	55.04 3.26 0.00	50.32 3.25 0.00	46.16 2.65 0.00	41.93 2.15 0.00

KENSICO____ 23655	39.06 1.75 0.00	37.12 1.56 0.00	37.13 1.36 0.00	37.14 1.22 0.00	37.30 1.19 0.00	42.31 1.43 0.00	51.33 1.97 0.00	58.40 3.10 0.00	56.94 2.56 0.00	49.00 2.15 0.00	46.34 2.08 0.00	44.35 2.07 0.00	45.22 2.07 0.00	48.88 2.15 0.00	52.25 2.25 0.00	55.40 2.49 0.00	59.98 3.61 0.00	70.19 4.53 0.00	64.14 4.14 0.00	58.16 3.40 0.00	54.73 2.95 0.00	49.71 2.64 0.00	45.59 2.09 0.00	41.69 1.91 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.73 2.42 0.00	37.79 2.24 0.00	37.77 2.00 0.00	37.86 1.94 0.00	37.99 1.88 0.00	43.29 2.41 0.00	52.37 3.01 0.00	59.39 4.09 0.00	57.70 3.32 0.00	49.56 2.72 0.00	46.74 2.48 0.00	44.64 2.37 0.00	45.43 2.29 0.00	49.25 2.52 0.00	52.65 2.65 0.00	55.98 3.07 0.00	60.82 4.45 0.00	71.24 5.58 0.00	65.22 5.22 0.00	59.04 4.27 0.00	55.45 3.68 0.00	50.37 3.30 0.00	46.12 2.61 0.00	42.45 2.67 0.00
KIAC_JFK_GT1 23816	39.28 1.98 0.00	37.30 1.74 0.00	37.24 1.47 0.00	37.22 1.29 0.00	37.34 1.23 0.00	42.47 1.59 0.00	51.78 2.42 0.00	59.12 3.82 0.00	57.70 3.32 0.00	49.70 2.86 0.00	47.05 2.79 0.00	44.98 2.71 0.00	45.95 2.80 0.00	49.76 3.04 0.00	53.15 3.15 0.00	56.30 3.39 0.00	60.93 4.57 0.00	71.44 5.78 0.00	65.22 5.22 0.00	59.04 4.27 0.00	55.61 3.83 0.00	50.47 3.39 0.00	45.94 2.44 0.00	41.89 2.11 0.00
KIAC_JFK_GT2 23817	39.28 1.98 0.00	37.30 1.74 0.00	37.24 1.47 0.00	37.22 1.29 0.00	37.34 1.23 0.00	42.47 1.59 0.00	51.78 2.42 0.00	59.12 3.82 0.00	57.70 3.32 0.00	49.70 2.86 0.00	47.05 2.79 0.00	44.98 2.71 0.00	45.95 2.80 0.00	49.76 3.04 0.00	53.15 3.15 0.00	56.30 3.39 0.00	60.93 4.57 0.00	71.44 5.78 0.00	65.22 5.22 0.00	59.04 4.27 0.00	55.61 3.83 0.00	50.47 3.39 0.00	45.94 2.44 0.00	41.89 2.11 0.00
KIAC_JFK____ 323774	39.24 1.94 0.00	37.30 1.74 0.00	37.24 1.47 0.00	37.21 1.29 0.00	37.34 1.23 0.00	42.47 1.59 0.00	51.78 2.42 0.00	59.11 3.81 0.00	57.70 3.32 0.00	49.66 2.81 0.00	47.01 2.75 0.00	44.98 2.71 0.00	45.95 2.80 0.00	49.76 3.04 0.00	53.10 3.10 0.00	56.51 3.60 0.00	61.04 4.68 0.00	71.44 5.78 0.00	65.22 5.22 -0.01	59.15 4.38 0.00	55.61 3.83 0.00	50.47 3.39 0.00	45.94 2.43 0.00	41.85 2.07 0.00
KINTIGH____ 23543	35.92 -1.38 0.00	34.17 -1.39 0.00	34.41 -1.36 0.00	34.77 -1.15 0.00	34.74 -1.37 0.00	39.77 -1.10 0.00	46.79 -2.57 0.00	51.76 -3.54 0.00	51.06 -3.32 0.00	44.08 -2.76 0.00	41.83 -2.43 0.00	39.82 -2.45 0.00	40.73 -2.42 0.00	44.48 -2.24 0.00	46.95 -3.05 0.00	49.21 -3.70 0.00	51.91 -4.45 0.00	60.74 -4.92 0.00	54.96 -5.04 0.00	50.00 -4.76 0.00	46.39 -5.38 0.00	42.42 -4.66 0.00	40.81 -2.70 0.00	37.55 -2.23 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.38 0.07 0.00	35.80 0.25 0.00	36.06 0.29 0.00	36.32 0.40 0.00	36.79 0.69 0.00	42.02 1.14 0.00	51.09 1.73 0.00	56.57 1.27 0.00	56.28 1.90 0.00	48.25 1.41 0.00	45.77 1.50 0.00	43.50 1.23 0.00	44.44 1.29 0.00	48.46 1.73 0.00	52.20 2.20 0.00	55.40 2.49 0.00	57.78 1.41 0.00	67.37 1.71 0.00	61.32 1.32 0.00	56.84 2.08 0.00	54.26 2.49 0.00	49.05 1.98 0.00	45.25 1.74 0.00	41.10 1.31 0.00
LACHUTE____HYDRO 323717	39.28 1.98 0.00	37.76 2.21 0.00	37.70 1.93 0.00	37.65 1.72 0.00	37.84 1.73 0.00	43.29 2.41 0.00	52.96 3.60 0.00	59.39 4.09 0.00	57.75 3.37 0.00	49.33 2.48 0.00	46.25 1.99 0.00	44.31 2.03 0.00	45.04 1.90 0.00	49.15 2.43 0.00	52.90 2.90 0.00	56.19 3.28 0.00	60.71 4.34 0.00	71.31 5.65 0.00	64.92 4.92 0.00	58.92 4.16 0.00	55.30 3.52 0.00	50.14 3.06 0.00	45.98 2.48 0.00	42.21 2.43 0.00
LAWRNCAL_115KV_TB1 80681	37.34 0.04 0.00	35.91 0.36 0.00	36.09 0.32 0.00	36.21 0.29 0.00	36.65 0.54 0.00	42.26 1.39 0.00	52.02 2.67 0.00	58.40 3.10 0.00	57.48 3.10 0.00	48.81 1.97 0.00	46.30 2.04 0.00	44.01 1.73 0.00	45.04 1.90 0.00	49.25 2.52 0.00	53.05 3.05 0.00	56.09 3.17 0.00	59.35 2.99 0.00	69.27 3.61 0.00	63.00 3.00 0.00	57.45 2.68 0.00	54.47 2.69 0.00	49.20 2.12 0.00	44.98 1.48 0.00	40.82 1.03 0.00
LEDERLE____ 23769	38.94 1.64 0.00	37.05 1.49 0.00	37.06 1.29 0.00	37.11 1.19 0.00	37.26 1.16 0.00	42.22 1.35 0.00	51.19 1.83 0.00	58.23 2.93 0.00	56.72 2.34 0.00	48.86 2.01 0.00	46.21 1.95 0.00	44.18 1.90 0.00	45.00 1.86 0.00	48.69 1.96 0.00	52.05 2.05 0.00	55.19 2.28 0.00	59.69 3.33 0.00	69.87 4.20 0.00	63.90 3.90 0.00	57.94 3.18 0.00	54.52 2.74 0.00	49.57 2.50 0.00	45.42 1.91 0.00	41.61 1.83 0.00
LIGHTHSE_115KV_TB6 355974	36.30 -1.01 0.00	34.63 -0.92 0.00	34.84 -0.93 0.00	34.99 -0.93 0.00	35.17 -0.94 0.00	40.63 -0.25 0.00	49.41 0.05 0.00	55.85 0.55 0.00	54.60 0.22 0.00	46.85 0.00 0.00	44.26 0.00 0.00	42.23 -0.04 0.00	43.15 0.00 0.00	46.96 0.23 0.00	50.20 0.20 0.00	53.02 0.11 0.00	56.71 0.34 0.00	66.19 0.53 0.00	60.36 0.36 0.00	53.94 -0.82 0.00	50.69 -1.09 0.00	45.99 -1.08 0.00	42.46 -1.04 0.00	38.75 -1.03 0.00
LINDEN COGEN____ 23786	38.94 1.64 0.00	37.01 1.46 0.00	36.99 1.22 0.00	36.97 1.04 0.00	37.12 1.01 0.00	42.14 1.27 0.00	51.23 1.88 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.09 2.25 0.00	46.47 2.21 0.00	44.47 2.20 0.00	45.39 2.24 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.77 2.86 0.00	60.20 3.83 0.00	70.39 4.73 0.00	64.26 4.26 0.00	58.27 3.51 0.00	54.88 3.11 0.00	49.85 2.78 0.00	45.59 2.09 0.00	41.57 1.79 0.00
LINDHRST_69_KV_BK1 356055	40.14 2.84 0.00	37.58 2.03 0.00	37.31 1.54 0.00	37.29 1.37 0.00	37.52 1.41 0.00	42.88 2.00 0.00	51.19 1.83 0.00	58.51 3.21 0.00	56.88 2.50 0.00	49.05 2.20 0.00	46.96 2.70 0.00	45.15 2.87 0.00	45.95 2.80 0.00	49.30 2.57 0.00	52.60 2.60 0.00	55.82 2.91 0.00	61.67 5.30 0.00	72.44 6.76 -0.01	65.88 5.88 0.00	59.53 4.76 0.00	55.76 3.99 0.00	50.56 3.48 0.00	46.72 3.22 0.00	42.21 2.43 0.00
LIPA_MISC_IPP 23656	40.03 2.72 0.00	37.26 1.71 0.00	36.95 1.18 0.00	37.04 1.11 0.00	37.26 1.16 0.00	42.59 1.72 0.00	50.69 1.33 0.00	58.07 2.77 0.00	56.45 2.07 0.00	48.53 1.69 0.00	46.34 2.08 0.00	44.52 2.24 0.00	45.30 2.16 0.00	48.32 1.59 0.00	51.65 1.65 0.00	54.92 2.01 0.00	61.16 4.79 0.00	72.30 6.63 -0.01	65.58 5.58 0.00	59.25 4.49 0.00	55.19 3.42 0.00	49.62 2.54 0.00	45.81 2.31 0.00	41.49 1.71 0.00
LISF____SOLAR 323691	39.69 2.39 0.00	37.33 1.78 0.00	37.02 1.25 0.00	37.07 1.15 0.00	37.34 1.23 0.00	42.67 1.80 0.00	50.79 1.43 0.00	58.06 2.76 0.00	56.56 2.18 0.00	48.58 1.73 0.00	46.38 2.12 0.00	44.47 2.20 0.00	45.34 2.20 0.00	48.41 1.68 0.00	51.55 1.55 0.00	55.40 2.49 0.00	61.44 5.08 0.00	71.84 6.17 -0.01	65.64 5.64 0.00	59.47 4.71 0.00	55.97 4.19 0.00	50.28 3.20 0.00	45.90 2.39 0.00	41.53 1.75 0.00

LITTLE FALLS___HYD 24013	38.16 0.86 0.00	36.48 0.92 0.00	36.74 0.97 0.00	36.89 0.97 0.00	37.16 1.05 0.00	42.18 1.31 0.00	51.04 1.68 0.00	57.46 2.16 0.00	56.34 1.96 0.00	48.53 1.69 0.00	45.85 1.59 0.00	43.80 1.52 0.00	44.74 1.60 0.00	48.46 1.73 0.00	51.85 1.85 0.00	54.76 1.85 0.00	58.51 2.14 0.00	68.22 2.56 0.00	62.34 2.34 0.00	56.90 2.14 0.00	53.69 1.92 0.00	48.72 1.65 0.00	44.98 1.48 0.00	41.06 1.27 0.00
LITTLRIV_115KV_TB1 356100	37.97 0.67 0.00	36.55 1.00 0.00	36.74 0.97 0.00	36.82 0.90 0.00	37.26 1.16 0.00	43.08 2.21 0.00	53.11 3.75 0.00	59.72 4.42 0.00	58.68 4.30 0.00	49.75 2.90 0.00	47.23 2.97 0.00	44.86 2.58 0.00	45.91 2.76 0.00	50.18 3.46 0.00	54.10 4.10 0.00	57.14 4.23 0.00	60.60 4.23 0.00	70.72 5.06 0.00	64.38 4.38 0.00	58.71 3.94 0.00	55.61 3.83 0.00	50.23 3.15 0.00	45.85 2.35 0.00	41.57 1.79 0.00
LI_NEWBRDGE___DRP 323616	39.43 2.13 0.00	37.05 1.49 0.00	36.81 1.04 0.00	36.86 0.93 0.00	37.05 0.94 0.00	42.26 1.39 0.00	50.49 1.14 0.00	57.68 2.38 0.00	56.12 1.74 0.00	48.44 1.59 0.00	46.34 2.08 0.00	44.56 2.28 0.00	45.30 2.16 0.00	48.64 1.92 0.00	51.80 1.80 0.00	54.97 2.06 0.00	60.43 4.06 0.00	70.92 5.25 -0.01	64.62 4.62 0.00	58.38 3.61 0.00	54.78 3.00 0.00	49.76 2.68 0.00	45.94 2.44 0.00	41.61 1.83 0.00
LOCKPORT_115KV_TB60_63_64 80432	36.33 -0.97 0.00	34.56 -1.00 0.00	34.80 -0.97 0.00	35.20 -0.72 0.00	35.13 -0.97 0.00	40.30 -0.57 0.00	47.19 -2.17 0.00	52.09 -3.21 0.00	51.44 -2.94 0.00	44.46 -2.39 0.00	42.22 -2.04 0.00	40.08 -2.20 0.00	41.03 -2.11 0.00	45.00 -1.73 0.00	47.30 -2.70 0.00	49.42 -3.49 0.00	52.03 -4.34 0.00	61.00 -4.66 0.00	54.96 -5.04 0.00	50.00 -4.76 0.00	46.18 -5.59 0.00	42.28 -4.80 0.00	40.98 -2.52 0.00	37.75 -2.03 0.00
LOCKPORT___CC1 323769	36.30 -1.01 0.00	34.52 -1.03 0.00	34.77 -1.00 0.00	35.17 -0.76 0.00	35.10 -1.01 0.00	40.26 -0.61 0.00	47.14 -2.22 0.00	52.04 -3.26 0.00	51.34 -3.04 0.00	44.36 -2.48 0.00	42.18 -2.08 0.00	40.08 -2.20 0.00	40.99 -2.16 0.00	44.95 -1.78 0.00	47.35 -2.65 0.00	49.58 -3.33 0.00	51.91 -4.45 0.00	61.13 -4.53 0.00	54.96 -5.04 0.00	50.00 -4.76 0.00	46.08 -5.70 0.00	42.23 -4.85 0.00	40.94 -2.57 0.00	37.75 -2.03 0.00
LOCKPORT___CC2 323770	36.30 -1.01 0.00	34.52 -1.03 0.00	34.77 -1.00 0.00	35.17 -0.76 0.00	35.10 -1.01 0.00	40.26 -0.61 0.00	47.14 -2.22 0.00	52.04 -3.26 0.00	51.34 -3.04 0.00	44.36 -2.48 0.00	42.18 -2.08 0.00	40.08 -2.20 0.00	40.99 -2.16 0.00	44.95 -1.78 0.00	47.35 -2.65 0.00	49.58 -3.33 0.00	51.91 -4.45 0.00	61.13 -4.53 0.00	54.96 -5.04 0.00	50.00 -4.76 0.00	46.08 -5.70 0.00	42.23 -4.85 0.00	40.94 -2.57 0.00	37.75 -2.03 0.00
LOCKPORT___CC3 323771	36.30 -1.01 0.00	34.52 -1.03 0.00	34.77 -1.00 0.00	35.17 -0.76 0.00	35.10 -1.01 0.00	40.26 -0.61 0.00	47.14 -2.22 0.00	52.04 -3.26 0.00	51.34 -3.04 0.00	44.36 -2.48 0.00	42.18 -2.08 0.00	40.08 -2.20 0.00	40.99 -2.16 0.00	44.95 -1.78 0.00	47.35 -2.65 0.00	49.58 -3.33 0.00	51.91 -4.45 0.00	61.13 -4.53 0.00	54.96 -5.04 0.00	50.00 -4.76 0.00	46.08 -5.70 0.00	42.23 -4.85 0.00	40.94 -2.57 0.00	37.75 -2.03 0.00
LONG_LAKE_PHOENIX 24014	36.30 -1.01 0.00	34.52 -1.03 0.00	34.77 -1.00 0.00	34.95 -0.97 0.00	35.10 -1.01 0.00	40.79 -0.08 0.00	49.36 0.00 0.00	55.74 0.44 0.00	54.49 0.11 0.00	46.94 0.09 0.00	44.35 0.09 0.00	42.36 0.08 0.00	43.23 0.09 0.00	46.96 0.23 0.00	50.15 0.15 0.00	53.02 0.11 0.00	56.65 0.28 0.00	66.06 0.39 0.00	60.24 0.24 0.00	53.29 -1.48 0.00	50.17 -1.61 0.00	45.62 -1.46 0.00	42.24 -1.26 0.00	38.63 -1.15 0.00
LOVETT___3 23632	38.76 1.45 0.00	36.91 1.35 0.00	36.88 1.11 0.00	36.93 1.01 0.00	37.08 0.97 0.00	42.02 1.14 0.00	50.89 1.53 0.00	57.95 2.65 0.00	56.45 2.07 0.00	48.63 1.78 0.00	45.99 1.73 0.00	43.97 1.69 0.00	44.83 1.68 0.00	48.46 1.73 0.00	51.80 1.80 0.00	54.87 1.96 0.00	59.41 3.04 0.00	69.54 3.87 0.00	63.54 3.54 0.00	57.67 2.90 0.00	54.21 2.43 0.00	49.34 2.26 0.00	45.25 1.74 0.00	41.41 1.63 0.00
LOVETT___4 23642	38.76 1.45 0.00	36.91 1.35 0.00	36.88 1.11 0.00	36.93 1.01 0.00	37.08 0.97 0.00	42.02 1.14 0.00	50.89 1.53 0.00	57.95 2.65 0.00	56.45 2.07 0.00	48.63 1.78 0.00	45.99 1.73 0.00	43.97 1.69 0.00	44.83 1.68 0.00	48.46 1.73 0.00	51.80 1.80 0.00	54.87 1.96 0.00	59.41 3.04 0.00	69.54 3.87 0.00	63.54 3.54 0.00	57.67 2.90 0.00	54.21 2.43 0.00	49.34 2.26 0.00	45.25 1.74 0.00	41.41 1.63 0.00
LOVETT___5 23593	38.76 1.45 0.00	36.91 1.35 0.00	36.88 1.11 0.00	36.93 1.01 0.00	37.08 0.97 0.00	42.02 1.14 0.00	50.89 1.53 0.00	57.95 2.65 0.00	56.45 2.07 0.00	48.63 1.78 0.00	45.99 1.73 0.00	43.97 1.69 0.00	44.83 1.68 0.00	48.46 1.73 0.00	51.80 1.80 0.00	54.87 1.96 0.00	59.41 3.04 0.00	69.54 3.87 0.00	63.54 3.54 0.00	57.67 2.90 0.00	54.21 2.43 0.00	49.34 2.26 0.00	45.25 1.74 0.00	41.41 1.63 0.00
LOWER RAQUET___HYD 24057	37.42 0.11 0.00	35.91 0.36 0.00	36.09 0.32 0.00	36.21 0.29 0.00	36.65 0.54 0.00	42.27 1.39 0.00	52.02 2.66 0.00	58.40 3.09 0.00	57.48 3.10 0.00	48.81 1.97 0.00	46.30 2.04 0.00	44.01 1.73 0.00	45.04 1.90 0.00	49.25 2.52 0.00	53.05 3.05 0.00	55.98 3.07 0.00	59.64 3.27 0.00	66.32 0.66 0.00	63.00 3.00 0.00	57.45 2.68 0.00	54.47 2.69 0.00	49.24 2.17 0.00	45.03 1.52 0.00	40.82 1.03 0.00
LOWER___HUDSON 24059	38.50 1.19 0.00	36.69 1.14 0.00	36.84 1.07 0.00	36.97 1.04 0.00	37.16 1.05 0.00	42.10 1.23 0.00	51.04 1.68 0.00	57.57 2.27 0.00	56.01 1.63 0.00	48.11 1.27 0.00	45.28 1.02 0.00	43.37 1.10 0.00	44.18 1.03 0.00	47.66 0.93 0.00	51.15 1.15 0.00	54.45 1.54 0.00	58.84 2.48 0.00	68.69 3.02 0.00	62.82 2.82 0.00	57.17 2.41 0.00	53.85 2.07 0.00	48.87 1.79 0.00	45.03 1.52 0.00	41.29 1.51 0.00
LOWVILLE_115KV_TB2 356335	37.08 -0.22 0.00	35.55 0.00 0.00	35.73 -0.04 0.00	35.82 -0.11 0.00	36.11 0.00 0.00	41.49 0.61 0.00	51.04 1.68 0.00	57.68 2.38 0.00	56.45 2.07 0.00	47.88 1.03 0.00	45.28 1.02 0.00	43.16 0.89 0.00	44.09 0.95 0.00	48.36 1.64 0.00	51.85 1.85 0.00	54.82 1.90 0.00	58.51 2.14 0.00	68.36 2.69 0.00	62.34 2.34 0.00	56.52 1.75 0.00	52.91 1.14 0.00	47.74 0.66 0.00	43.64 0.13 0.00	39.74 -0.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.83 1.53 0.00	37.12 1.56 0.00	37.20 1.43 0.00	37.29 1.37 0.00	37.48 1.37 0.00	42.55 1.68 0.00	51.73 2.37 0.00	58.18 2.88 0.00	56.61 2.23 0.00	48.53 1.69 0.00	45.63 1.37 0.00	43.67 1.40 0.00	44.48 1.34 0.00	48.22 1.50 0.00	51.80 1.80 0.00	55.03 2.12 0.00	59.41 3.04 0.00	69.54 3.87 0.00	63.54 3.54 0.00	57.72 2.96 0.00	54.36 2.59 0.00	49.38 2.31 0.00	45.42 1.91 0.00	41.65 1.87 0.00

LUTHERNY_35_KV_BK2 355980	38.87 1.57 0.00	37.15 1.60 0.00	37.24 1.47 0.00	37.32 1.40 0.00	37.48 1.37 0.00	42.59 1.72 0.00	51.73 2.37 0.00	58.23 2.93 0.00	56.67 2.28 0.00	48.53 1.69 0.00	45.63 1.37 0.00	43.71 1.44 0.00	44.53 1.38 0.00	48.27 1.54 0.00	51.85 1.85 0.00	55.03 2.12 0.00	59.47 3.10 0.00	69.60 3.94 0.00	63.60 3.60 0.00	57.78 3.01 0.00	54.42 2.64 0.00	49.43 2.35 0.00	45.42 1.91 0.00	41.65 1.87 0.00
LWR___OSWEGATCHIE_HYD 23850	36.74 -0.56 0.00	35.31 -0.25 0.00	35.48 -0.29 0.00	35.56 -0.36 0.00	35.93 -0.18 0.00	41.41 0.53 0.00	50.99 1.63 0.00	57.46 2.16 0.00	56.39 2.01 0.00	47.88 1.03 0.00	45.37 1.11 0.00	43.16 0.89 0.00	44.14 0.99 0.00	48.32 1.59 0.00	51.95 1.95 0.00	54.92 2.01 0.00	58.34 1.97 0.00	68.09 2.43 0.00	62.04 2.04 0.00	56.35 1.59 0.00	53.12 1.35 0.00	47.97 0.89 0.00	43.85 0.35 0.00	39.86 0.08 0.00
LYONS_FALL_HYD 23570	37.49 0.19 0.00	35.87 0.32 0.00	36.05 0.28 0.00	36.14 0.22 0.00	36.40 0.29 0.00	41.65 0.77 0.00	50.94 1.58 0.00	57.51 2.21 0.00	56.28 1.90 0.00	47.97 1.12 0.00	45.37 1.11 0.00	43.29 1.01 0.00	44.22 1.08 0.00	48.27 1.54 0.00	51.75 1.75 0.00	54.71 1.80 0.00	58.45 2.09 0.00	67.70 2.04 0.00	62.16 2.16 0.00	56.46 1.70 0.00	52.97 1.19 0.00	47.93 0.85 0.00	43.98 0.48 0.00	40.10 0.32 0.00
MADISON___COUNTY_LFGE 323628	38.12 0.82 0.00	36.41 0.85 0.00	36.66 0.89 0.00	36.75 0.83 0.00	36.94 0.83 0.00	42.06 1.19 0.00	51.04 1.68 0.00	57.57 2.27 0.00	56.28 1.90 0.00	48.34 1.50 0.00	45.72 1.46 0.00	43.63 1.35 0.00	44.57 1.42 0.00	48.36 1.64 0.00	51.70 1.70 0.00	54.66 1.75 0.00	58.34 1.97 0.00	68.03 2.36 0.00	62.04 2.04 0.00	56.41 1.64 0.00	53.12 1.35 0.00	48.25 1.18 0.00	44.51 1.00 0.00	40.70 0.91 0.00
MALONE___115KV_TB1 356076	37.64 0.34 0.00	36.12 0.57 0.00	36.31 0.54 0.00	36.57 0.65 0.00	37.08 0.97 0.00	42.47 1.59 0.00	51.78 2.42 0.00	57.46 2.16 0.00	57.05 2.66 0.00	48.72 1.87 0.00	46.25 1.99 0.00	43.97 1.69 0.00	45.00 1.86 0.00	49.06 2.34 0.00	52.90 2.90 0.00	56.03 3.12 0.00	58.85 2.48 0.00	68.62 2.95 0.00	62.40 2.40 0.00	57.45 2.68 0.00	54.78 3.00 0.00	49.48 2.40 0.00	45.55 2.04 0.00	41.29 1.51 0.00
MAPLEWOD_115KV_TB3 80458	38.20 0.90 0.00	36.41 0.85 0.00	36.59 0.82 0.00	36.68 0.75 0.00	36.87 0.76 0.00	41.73 0.86 0.00	50.59 1.23 0.00	57.07 1.77 0.00	55.63 1.25 0.00	47.78 0.94 0.00	45.06 0.80 0.00	43.08 0.80 0.00	43.92 0.78 0.00	47.47 0.90 0.00	50.90 0.90 0.00	54.02 1.11 0.00	58.28 1.92 0.00	68.16 2.50 0.00	62.34 2.34 0.00	56.63 1.86 0.00	53.38 1.61 0.00	48.54 1.46 0.00	44.64 1.13 0.00	40.90 1.11 0.00
MAPLE_RIDGE_WT_1 323574	36.97 -0.34 0.00	35.27 -0.29 0.00	35.52 -0.25 0.00	35.71 -0.21 0.00	35.96 -0.14 0.00	40.71 -0.16 0.00	49.11 -0.25 0.00	54.92 -0.38 0.00	54.11 -0.27 0.00	46.61 -0.23 0.00	44.08 -0.18 0.00	42.07 -0.21 0.00	42.97 -0.17 0.00	46.59 -0.14 0.00	49.95 -0.05 0.00	52.80 -0.11 0.00	56.14 -0.22 0.00	65.34 -0.33 0.00	59.64 -0.36 0.00	54.60 -0.16 0.00	51.78 0.00 0.00	47.03 -0.05 0.00	43.33 -0.17 0.00	39.51 -0.28 0.00
MAPLE_RIDGE_WT_2 323611	36.97 -0.34 0.00	35.27 -0.29 0.00	35.52 -0.25 0.00	35.71 -0.21 0.00	35.96 -0.14 0.00	40.71 -0.16 0.00	49.11 -0.25 0.00	54.92 -0.38 0.00	54.11 -0.27 0.00	46.61 -0.23 0.00	44.08 -0.18 0.00	42.07 -0.21 0.00	42.97 -0.17 0.00	46.59 -0.14 0.00	49.95 -0.05 0.00	52.80 -0.11 0.00	56.14 -0.22 0.00	65.34 -0.33 0.00	59.64 -0.36 0.00	54.60 -0.16 0.00	51.78 0.00 0.00	47.03 -0.05 0.00	43.33 -0.17 0.00	39.51 -0.28 0.00
MARBLE_RIVER_WT_PWR 323696	36.89 -0.41 0.00	35.31 -0.25 0.00	35.56 -0.21 0.00	35.78 -0.14 0.00	36.22 0.11 0.00	41.28 0.41 0.00	50.10 0.74 0.00	55.52 0.22 0.00	55.31 0.92 0.00	47.50 0.66 0.00	45.01 0.75 0.00	42.82 0.55 0.00	43.79 0.65 0.00	47.71 0.98 0.00	51.35 1.35 0.00	54.28 1.37 0.00	57.32 0.96 0.00	65.99 0.33 0.00	60.36 0.36 0.00	55.75 0.99 0.00	53.28 1.50 0.00	48.25 1.18 0.00	44.51 1.00 0.00	40.42 0.63 0.00
MARSHVLE_115KV_TB1 80742	39.09 1.79 0.00	37.40 1.85 0.00	37.52 1.75 0.00	37.58 1.65 0.00	37.77 1.66 0.00	43.08 2.21 0.00	52.22 2.86 0.00	58.67 3.37 0.00	56.94 2.56 0.00	48.44 1.59 0.00	45.63 1.37 0.00	43.50 1.23 0.00	44.31 1.16 0.00	48.36 1.64 0.00	51.95 1.95 0.00	55.03 2.12 0.00	59.47 3.10 0.00	69.73 4.07 0.00	63.66 3.66 0.00	57.83 3.07 0.00	54.42 2.64 0.00	49.34 2.26 0.00	45.72 2.22 0.00	41.81 2.03 0.00
MARSH_HILL_WT_PWR 323713	37.71 0.41 0.00	35.84 0.28 0.00	36.31 0.54 0.00	36.64 0.72 0.00	36.87 0.76 0.00	42.30 1.43 0.00	50.40 1.04 0.00	56.46 1.16 0.00	55.20 0.82 0.00	47.55 0.70 0.00	45.06 0.80 0.00	42.82 0.55 0.00	43.75 0.60 0.00	47.75 1.03 0.00	50.60 0.60 0.00	53.12 0.21 0.00	56.20 -0.17 0.00	65.86 0.20 0.00	59.46 -0.54 0.00	53.78 -0.98 0.00	49.29 -2.48 0.00	44.77 -2.31 0.00	42.24 -1.26 0.00	38.67 -1.11 0.00
MCINTYRE_115KV_TB2 80467	38.38 1.08 0.00	37.01 1.46 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.73 1.62 0.00	43.70 2.82 0.00	53.95 4.59 0.00	60.72 5.42 0.00	59.60 5.22 0.00	50.45 3.61 0.00	47.89 3.63 0.00	45.49 3.21 0.00	46.55 3.41 0.00	50.89 4.16 0.00	54.85 4.85 0.00	57.94 5.03 0.00	61.50 5.13 0.00	71.97 6.30 0.00	65.46 5.46 0.00	59.69 4.93 0.00	56.54 4.76 0.00	51.03 3.95 0.00	46.55 3.05 0.00	42.21 2.43 0.00
MECO_____69_KV_BK1 80468	39.84 2.54 0.00	38.15 2.60 0.00	38.24 2.47 0.00	38.29 2.37 0.00	38.46 2.35 0.00	43.90 3.02 0.00	53.41 4.05 0.00	59.84 4.53 0.00	58.08 3.70 0.00	49.42 2.58 0.00	46.43 2.17 0.00	44.35 2.07 0.00	45.17 2.03 0.00	49.20 2.48 0.00	52.90 2.90 0.00	56.19 3.28 0.00	60.71 4.34 0.00	71.24 5.58 0.00	65.04 5.04 0.00	59.09 4.33 0.00	55.61 3.83 0.00	50.47 3.39 0.00	46.55 3.05 0.00	42.61 2.82 0.00
MENANDS___115KV_TB5 355628	38.05 0.75 0.00	36.23 0.68 0.00	36.41 0.64 0.00	36.53 0.61 0.00	36.72 0.61 0.00	41.53 0.65 0.00	50.30 0.94 0.00	56.79 1.49 0.00	55.31 0.92 0.00	47.55 0.70 0.00	44.84 0.58 0.00	42.91 0.63 0.00	43.75 0.60 0.00	47.19 0.47 0.00	50.65 0.65 0.00	53.76 0.85 0.00	58.00 1.63 0.00	67.76 2.10 0.00	62.04 2.04 0.00	56.35 1.59 0.00	53.17 1.40 0.00	48.30 1.22 0.00	44.42 0.91 0.00	40.74 0.95 0.00
MG INDUSTRY___DRP 24185	38.09 0.78 0.00	36.30 0.75 0.00	36.52 0.75 0.00	36.64 0.72 0.00	36.79 0.69 0.00	41.57 0.69 0.00	50.30 0.94 0.00	56.63 1.33 0.00	55.20 0.82 0.00	47.36 0.52 0.00	44.61 0.35 0.00	42.70 0.42 0.00	43.53 0.39 0.00	47.10 0.37 0.00	50.50 0.50 0.00	53.65 0.74 0.00	57.78 1.41 0.00	67.44 1.77 0.00	61.74 1.74 0.00	56.13 1.37 0.00	52.97 1.19 0.00	48.16 1.08 0.00	44.38 0.87 0.00	40.66 0.88 0.00

MID___OSWEGATCHIE_HYD 23849	36.74 -0.56 0.00	35.31 -0.25 0.00	35.48 -0.29 0.00	35.56 -0.36 0.00	35.93 -0.18 0.00	41.41 0.53 0.00	50.99 1.63 0.00	57.46 2.16 0.00	56.39 2.01 0.00	47.88 1.03 0.00	45.37 1.11 0.00	43.16 0.89 0.00	44.14 0.99 0.00	48.32 1.59 0.00	51.95 1.95 0.00	54.92 2.01 0.00	58.34 1.97 0.00	68.09 2.43 0.00	62.04 2.04 0.00	56.35 1.59 0.00	53.12 1.35 0.00	47.97 0.89 0.00	43.85 0.35 0.00	39.86 0.08 0.00
MID___RAQUETTE_HYD 23851	37.34 0.04 0.00	35.91 0.36 0.00	36.09 0.32 0.00	36.21 0.29 0.00	36.65 0.54 0.00	42.26 1.39 0.00	52.02 2.67 0.00	58.40 3.10 0.00	57.48 3.10 0.00	48.81 1.97 0.00	46.30 2.04 0.00	44.01 1.73 0.00	45.04 1.90 0.00	49.25 2.52 0.00	53.05 3.05 0.00	56.09 3.17 0.00	59.35 2.99 0.00	69.27 3.61 0.00	63.00 3.00 0.00	57.50 2.74 0.00	54.47 2.69 0.00	49.24 2.17 0.00	45.03 1.52 0.00	40.82 1.03 0.00
MILLIKEN___1 23584	37.86 0.56 0.00	36.02 0.46 0.00	36.27 0.50 0.00	36.50 0.57 0.00	36.65 0.54 0.00	41.69 0.82 0.00	50.40 1.04 0.00	56.52 1.22 0.00	55.25 0.87 0.00	47.55 0.70 0.00	44.92 0.66 0.00	42.87 0.59 0.00	43.79 0.65 0.00	47.52 0.79 0.00	50.70 0.70 0.00	53.55 0.63 0.00	57.21 0.85 0.00	67.11 1.44 0.00	61.20 1.20 0.00	55.64 0.88 0.00	52.19 0.41 0.00	47.45 0.38 0.00	44.07 0.57 0.00	40.26 0.48 0.00
MILLIKEN___2 23585	37.86 0.56 0.00	36.02 0.46 0.00	36.27 0.50 0.00	36.50 0.57 0.00	36.65 0.54 0.00	41.69 0.82 0.00	50.40 1.04 0.00	56.52 1.22 0.00	55.25 0.87 0.00	47.55 0.70 0.00	44.92 0.66 0.00	42.87 0.59 0.00	43.79 0.65 0.00	47.52 0.79 0.00	50.70 0.70 0.00	53.55 0.63 0.00	57.21 0.85 0.00	67.11 1.44 0.00	61.20 1.20 0.00	55.64 0.88 0.00	52.19 0.41 0.00	47.45 0.38 0.00	44.07 0.57 0.00	40.26 0.48 0.00
MILLIKEN___DIESEL 23629	37.86 0.56 0.00	36.02 0.46 0.00	36.27 0.50 0.00	36.50 0.57 0.00	36.65 0.54 0.00	41.69 0.82 0.00	50.40 1.04 0.00	56.52 1.22 0.00	55.25 0.87 0.00	47.55 0.70 0.00	44.92 0.66 0.00	42.87 0.59 0.00	43.79 0.65 0.00	47.52 0.79 0.00	50.70 0.70 0.00	53.55 0.63 0.00	57.21 0.85 0.00	67.11 1.44 0.00	61.20 1.20 0.00	55.64 0.88 0.00	52.19 0.41 0.00	47.45 0.38 0.00	44.07 0.57 0.00	40.26 0.48 0.00
MILLSEAT___LFGE 323607	36.93 -0.37 0.00	35.13 -0.43 0.00	35.38 -0.39 0.00	35.82 -0.11 0.00	35.75 -0.36 0.00	40.96 0.08 0.00	48.17 -1.19 0.00	53.59 -1.71 0.00	52.75 -1.63 0.00	45.58 -1.26 0.00	43.29 -0.97 0.00	41.05 -1.23 0.00	42.02 -1.12 0.00	46.07 -0.65 0.00	48.60 -1.40 0.00	50.95 -1.96 0.00	53.55 -2.82 0.00	63.03 -2.63 0.00	56.82 -3.18 0.00	51.64 -3.12 0.00	47.58 -4.19 0.00	43.55 -3.53 0.00	41.90 -1.61 0.00	38.55 -1.23 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.98 1.68 0.00	37.08 1.53 0.00	37.06 1.29 0.00	37.11 1.19 0.00	37.26 1.16 0.00	42.22 1.35 0.00	51.23 1.88 0.00	58.29 2.99 0.00	56.83 2.45 0.00	48.91 2.06 0.00	46.25 1.99 0.00	44.22 1.94 0.00	45.09 1.94 0.00	48.74 2.01 0.00	52.15 2.15 0.00	55.24 2.33 0.00	59.81 3.44 0.00	70.06 4.40 0.00	63.96 3.96 0.00	57.99 3.23 0.00	54.62 2.85 0.00	49.62 2.54 0.00	45.51 2.00 0.00	41.61 1.83 0.00
MILLWOOD_13_KV_LOAD 356217	39.09 1.79 0.00	37.15 1.60 0.00	37.13 1.36 0.00	37.14 1.22 0.00	37.34 1.23 0.00	42.35 1.47 0.00	51.43 2.07 0.00	58.51 3.21 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.38 2.12 0.00	44.35 2.07 0.00	45.17 2.03 0.00	48.88 2.15 0.00	52.25 2.25 0.00	55.34 2.43 0.00	59.98 3.61 0.00	70.26 4.60 0.00	64.14 4.14 0.00	58.21 3.45 0.00	54.78 3.00 0.00	49.76 2.68 0.00	45.59 2.09 0.00	41.73 1.95 0.00
MODEL_CITY_ENERGY 24167	35.77 -1.53 0.00	33.99 -1.56 0.00	34.23 -1.54 0.00	34.63 -1.29 0.00	34.59 -1.52 0.00	39.65 -1.23 0.00	46.40 -2.96 0.00	51.15 -4.15 0.00	50.47 -3.92 0.00	43.61 -3.23 0.00	41.43 -2.83 0.00	39.36 -2.92 0.00	40.30 -2.85 0.00	44.16 -2.57 0.00	46.50 -3.50 0.00	48.68 -4.23 0.00	50.96 -5.41 0.00	59.95 -5.71 0.00	54.00 -6.00 0.00	49.07 -5.70 0.00	45.25 -6.53 0.00	41.52 -5.56 0.00	40.33 -3.17 0.00	37.20 -2.59 0.00
MODERN_LFGE___ 323580	35.77 -1.53 0.00	33.99 -1.56 0.00	34.23 -1.54 0.00	34.63 -1.29 0.00	34.59 -1.52 0.00	39.65 -1.23 0.00	46.40 -2.96 0.00	51.15 -4.15 0.00	50.47 -3.92 0.00	43.61 -3.23 0.00	41.43 -2.83 0.00	39.36 -2.92 0.00	40.30 -2.85 0.00	44.16 -2.57 0.00	46.50 -3.50 0.00	48.68 -4.23 0.00	50.96 -5.41 0.00	59.95 -5.71 0.00	54.00 -6.00 0.00	49.07 -5.70 0.00	45.25 -6.53 0.00	41.52 -5.56 0.00	40.33 -3.17 0.00	37.20 -2.59 0.00
MOHAWK_PAPER___DRP 24187	38.20 0.90 0.00	36.41 0.85 0.00	36.59 0.82 0.00	36.68 0.75 0.00	36.87 0.76 0.00	41.73 0.86 0.00	50.59 1.23 0.00	57.07 1.77 0.00	55.63 1.25 0.00	47.78 0.94 0.00	45.06 0.80 0.00	43.08 0.80 0.00	43.92 0.78 0.00	47.47 0.75 0.00	50.90 0.90 0.00	54.02 1.11 0.00	58.28 1.92 0.00	68.16 2.50 0.00	62.34 2.34 0.00	56.63 1.86 0.00	53.38 1.61 0.00	48.54 1.46 0.00	44.64 1.13 0.00	40.90 1.11 0.00
MOHICAN___35_KV_115KV_LD 80490	38.53 1.23 0.00	36.87 1.32 0.00	36.91 1.14 0.00	36.97 1.04 0.00	37.16 1.05 0.00	42.31 1.43 0.00	51.53 2.17 0.00	57.95 2.65 0.00	56.34 1.96 0.00	48.20 1.36 0.00	45.28 1.02 0.00	43.38 1.10 0.00	44.14 0.99 0.00	47.94 1.21 0.00	51.55 1.55 0.00	54.76 1.85 0.00	59.19 2.82 0.00	69.41 3.74 0.00	63.36 3.36 0.00	57.50 2.74 0.00	54.16 2.38 0.00	49.10 2.02 0.00	45.07 1.57 0.00	41.33 1.55 0.00
MONGAUP___HYD 23641	39.09 1.79 0.00	37.26 1.71 0.00	37.27 1.50 0.00	37.36 1.44 0.00	37.48 1.37 0.00	42.63 1.76 0.00	51.58 2.22 0.00	58.34 3.04 0.00	56.77 2.39 0.00	48.77 1.92 0.00	45.98 1.72 0.00	43.97 1.69 0.00	44.74 1.60 0.00	48.50 1.78 0.00	51.85 1.85 0.00	55.29 2.38 0.00	59.81 3.44 0.00	70.00 4.33 0.00	64.08 4.08 0.00	58.10 3.34 0.00	54.57 2.79 0.00	49.57 2.49 0.00	45.42 1.91 0.00	41.77 1.99 0.00
MONTAUK___DIESEL 23721	40.44 3.13 0.00	37.58 2.03 0.00	37.27 1.50 0.00	37.43 1.51 0.00	37.81 1.70 0.00	43.45 2.58 0.00	51.93 2.57 0.00	59.72 4.42 0.00	58.08 3.70 0.00	49.84 3.00 0.00	47.54 3.28 0.00	45.66 3.38 0.00	46.38 3.24 0.00	49.48 2.76 0.00	52.90 2.90 0.00	56.30 3.39 0.00	62.68 6.31 0.00	74.34 8.67 -0.01	66.66 6.66 0.00	59.97 5.20 0.00	55.50 3.73 0.00	49.57 2.50 0.00	45.59 2.09 0.00	41.37 1.59 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.68 0.37 0.00	35.80 0.25 0.00	36.09 0.32 0.00	36.50 0.57 0.00	36.51 0.40 0.00	42.02 1.14 0.00	49.51 0.15 0.00	54.91 -0.39 0.00	54.11 -0.27 0.00	46.70 -0.14 0.00	44.57 0.31 0.00	42.28 0.00 0.00	43.27 0.13 0.00	47.61 0.89 0.00	50.00 0.00 0.00	51.96 -0.95 0.00	54.85 -1.52 0.00	64.15 -1.51 0.00	57.48 -2.52 0.00	52.03 -2.74 0.00	47.74 -4.04 0.00	43.31 -3.77 0.00	41.63 -1.87 0.00	38.15 -1.63 0.00

MORRIS_RIDGE___SOLAR 323848	37.15 -0.15 0.00	35.31 -0.25 0.00	35.63 -0.14 0.00	35.96 0.04 0.00	36.04 -0.07 0.00	41.28 0.41 0.00	48.96 -0.40 0.00	54.58 -0.72 0.00	53.51 -0.87 0.00	46.09 -0.75 0.00	43.73 -0.53 0.00	41.56 -0.72 0.00	42.54 -0.60 0.00	46.49 -0.23 0.00	49.25 -0.75 0.00	51.75 -1.16 0.00	54.62 -1.75 0.00	63.96 -1.71 0.00	57.72 -2.28 0.00	52.36 -2.41 0.00	48.31 -3.47 0.00	44.06 -3.01 0.00	41.85 -1.65 0.00	38.47 -1.31 0.00
MORTIMER_115KV_TB3 55949	36.52 -0.78 0.00	34.77 -0.78 0.00	34.98 -0.79 0.00	35.31 -0.61 0.00	35.35 -0.76 0.00	40.30 -0.57 0.00	47.93 -1.43 0.00	53.53 -1.77 0.00	52.70 -1.69 0.00	45.53 -1.31 0.00	43.11 -1.15 0.00	41.01 -1.27 0.00	41.98 -1.16 0.00	45.75 -0.98 0.00	48.45 -1.55 0.00	50.95 -1.96 0.00	53.94 -2.42 0.00	63.10 -2.56 0.00	57.30 -2.70 0.00	52.14 -2.63 0.00	48.51 -3.26 0.00	44.30 -2.78 0.00	41.94 -1.57 0.00	38.47 -1.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.21 1.90 0.00	37.26 1.71 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.26 2.88 0.00	49.33 2.48 0.00	46.65 2.39 0.00	44.64 2.37 0.00	45.52 2.37 0.00	49.25 2.52 0.00	52.65 2.65 0.00	55.77 2.86 0.00	60.37 4.00 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.43 3.67 0.00	55.04 3.26 0.00	50.00 2.92 0.00	45.81 2.31 0.00	41.85 2.07 0.00
MUNSVILLE_WIND_PWR 323609	40.10 2.80 0.00	38.40 2.85 0.00	38.67 2.90 0.00	38.69 2.77 0.00	38.93 2.82 0.00	44.68 3.80 0.00	54.29 4.94 0.00	66.36 11.06 0.00	63.84 9.46 0.00	54.34 7.49 0.00	51.43 7.17 0.00	49.08 6.81 0.00	50.13 6.99 0.00	54.77 8.04 0.00	58.70 8.70 0.00	61.91 8.99 0.00	66.46 10.09 0.00	72.62 6.96 0.00	66.30 6.30 0.00	60.13 5.37 0.00	56.33 4.56 0.00	51.13 4.05 0.00	47.07 3.57 0.00	42.89 3.11 0.00
N SALMON___HYD 24042	37.71 0.41 0.00	36.12 0.57 0.00	36.31 0.54 0.00	36.57 0.65 0.00	37.08 0.98 0.00	42.47 1.59 0.00	51.78 2.42 0.00	57.45 2.15 0.00	57.05 2.66 0.00	48.72 1.88 0.00	46.25 1.99 0.00	43.97 1.69 0.00	45.00 1.85 0.00	49.06 2.34 0.00	52.90 2.90 0.00	55.87 2.96 0.00	59.18 2.82 0.00	67.63 1.97 0.00	62.40 2.40 0.00	57.34 2.57 0.00	54.78 3.00 0.00	49.48 2.40 0.00	45.55 2.05 0.00	41.29 1.51 0.00
N.AKRON__115KV_KNAPP 355671	36.86 -0.45 0.00	35.09 -0.46 0.00	35.34 -0.43 0.00	35.74 -0.18 0.00	35.67 -0.43 0.00	40.92 0.04 0.00	48.08 -1.28 0.00	53.36 -1.94 0.00	52.64 -1.74 0.00	45.49 -1.36 0.00	43.15 -1.11 0.00	40.92 -1.35 0.00	41.89 -1.25 0.00	45.93 -0.79 0.00	48.40 -1.60 0.00	50.64 -2.28 0.00	53.38 -2.99 0.00	62.58 -3.09 0.00	56.46 -3.54 0.00	51.37 -3.40 0.00	47.43 -4.35 0.00	43.36 -3.72 0.00	41.81 -1.70 0.00	38.43 -1.35 0.00
N.BELMOR_69_KV_BK1 55787	39.69 2.39 0.00	37.33 1.78 0.00	37.09 1.32 0.00	37.14 1.22 0.00	37.34 1.23 0.00	42.63 1.76 0.00	50.99 1.63 0.00	58.23 2.93 0.00	56.67 2.28 0.00	48.86 2.01 0.00	46.69 2.43 0.00	44.90 2.62 0.00	45.69 2.55 0.00	49.11 2.38 0.00	52.30 2.30 0.00	55.50 2.59 0.00	60.93 4.57 0.00	71.58 5.91 -0.01	65.22 5.22 0.00	58.93 4.16 0.00	55.30 3.52 0.00	50.23 3.15 0.00	46.38 2.87 0.00	41.97 2.19 0.00
N.E_GEN_SANDY PD 24062	38.64 1.34 0.00	36.80 1.24 0.00	36.88 1.11 0.00	37.00 1.08 0.00	37.19 1.08 0.00	42.10 1.23 0.00	50.99 1.63 0.00	57.79 2.49 0.00	56.12 1.74 0.00	48.25 1.40 0.00	45.50 1.24 0.00	43.54 1.27 0.00	44.40 1.25 0.00	47.75 1.03 0.00	51.20 1.20 0.00	54.10 1.64 0.45	59.58 2.76 -0.45	69.01 3.35 0.00	63.18 3.18 0.00	57.45 2.68 0.00	54.11 2.33 0.00	49.10 2.02 0.00	45.20 1.70 0.00	41.41 1.63 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.83 1.53 0.00	36.94 1.39 0.00	36.95 1.18 0.00	37.00 1.08 0.00	37.16 1.05 0.00	42.10 1.23 0.00	50.99 1.63 0.00	58.07 2.77 0.00	56.56 2.18 0.00	48.67 1.83 0.00	46.03 1.77 0.00	44.01 1.73 0.00	44.87 1.73 0.00	48.55 1.82 0.00	51.85 1.85 0.00	54.97 2.06 0.00	59.52 3.16 0.00	69.67 4.01 0.00	63.66 3.66 0.00	57.78 3.01 0.00	54.31 2.54 0.00	49.38 2.31 0.00	45.29 1.78 0.00	41.45 1.67 0.00
N.QUEENS_27_KV_LOAD 356247	39.32 2.01 0.00	37.40 1.85 0.00	37.27 1.50 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.14 1.27 0.00	51.28 1.92 0.00	58.56 3.26 0.00	57.05 2.66 0.00	49.14 2.30 0.00	46.52 2.26 0.00	44.52 2.24 0.00	45.43 2.29 0.00	49.20 2.48 0.00	52.55 2.55 0.00	55.66 2.75 0.00	60.26 3.89 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.32 3.56 0.00	55.09 3.31 0.00	50.04 2.97 0.00	45.72 2.22 0.00	41.85 2.07 0.00
N.TROY___115KV_TB1 355778	38.50 1.19 0.00	36.69 1.14 0.00	36.84 1.07 0.00	36.97 1.04 0.00	37.16 1.05 0.00	42.10 1.23 0.00	51.04 1.68 0.00	57.57 2.27 0.00	56.01 1.63 0.00	48.11 1.26 0.00	45.28 1.02 0.00	43.38 1.10 0.00	44.18 1.04 0.00	47.66 0.93 0.00	51.15 1.15 0.00	54.34 1.43 0.00	58.79 2.42 0.00	68.68 3.02 0.00	62.88 2.88 0.00	57.17 2.41 0.00	53.85 2.07 0.00	48.91 1.84 0.00	45.03 1.52 0.00	41.29 1.51 0.00
NARROWS_GT1_1 24228	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT1_2 24229	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT1_3 24230	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT1_4 24231	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01

NARROWS_GT1_5 24232	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT1_6 24233	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT1_7 24234	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT1_8 24235	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT2_1 24236	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT2_2 24237	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT2_3 24238	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT2_4 24239	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT2_5 24240	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT2_6 24241	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT2_7 24242	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NARROWS_GT2_8 24243	39.59 2.28 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.24 3.93 -0.01	57.82 3.43 -0.01	49.81 2.95 -0.01	47.14 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.16 3.15 -0.01	56.57 3.65 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.10 4.33 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.22 2.43 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.72 1.42 0.00	36.94 1.39 0.00	37.09 1.32 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.47 1.59 0.00	51.38 2.02 0.00	57.68 2.38 0.00	56.07 1.69 0.00	47.92 1.08 0.00	45.01 0.75 0.00	43.04 0.76 0.00	43.79 0.65 0.00	47.43 0.70 0.00	50.95 0.95 0.00	54.29 1.38 0.00	58.79 2.42 0.00	68.81 3.15 0.00	63.12 3.12 0.00	57.23 2.46 0.00	53.90 2.12 0.00	48.91 1.84 0.00	44.94 1.44 0.00	41.41 1.63 0.00
NCHELSEA_115KV_TR2 355582	39.35 2.05 0.00	37.44 1.88 0.00	37.45 1.68 0.00	37.54 1.62 0.00	37.66 1.55 0.00	42.80 1.92 0.00	51.88 2.52 0.00	58.84 3.54 0.00	57.26 2.88 0.00	49.23 2.39 0.00	46.47 2.21 0.00	44.43 2.16 0.00	45.22 2.07 0.00	48.97 2.24 0.00	52.40 2.40 0.00	55.61 2.70 0.00	60.31 3.95 0.00	70.59 4.92 0.00	64.56 4.56 0.00	58.49 3.72 0.00	55.04 3.26 0.00	49.95 2.87 0.00	45.81 2.31 0.00	42.05 2.27 0.00
NEG CAPITAL___MECHNVIL 23645	38.91 1.60 0.00	37.19 1.64 0.00	37.27 1.50 0.00	37.36 1.44 0.00	37.51 1.41 0.00	42.63 1.76 0.00	51.78 2.42 0.00	58.28 2.98 0.00	56.72 2.34 0.00	48.62 1.78 0.00	45.72 1.46 0.00	43.80 1.52 0.00	44.61 1.47 0.00	48.32 1.59 0.00	51.90 1.90 0.00	55.18 2.27 0.00	59.64 3.27 0.00	69.74 4.07 0.00	63.72 3.72 0.00	57.94 3.18 0.00	54.47 2.69 0.00	49.48 2.40 0.00	45.51 2.00 0.00	41.73 1.95 0.00

NEG CENTRAL_HIGH_ACRES 23767	35.96 -1.34 0.00	34.24 -1.31 0.00	34.48 -1.29 0.00	34.77 -1.15 0.00	34.84 -1.26 0.00	39.69 -1.19 0.00	47.38 -1.98 0.00	53.14 -2.16 0.00	52.20 -2.18 0.00	45.07 -1.78 0.00	42.67 -1.59 0.00	40.63 -1.65 0.00	41.55 -1.60 0.00	45.23 -1.50 0.00	48.10 -1.90 0.00	50.69 -2.22 0.00	53.66 -2.70 0.00	62.84 -2.82 0.00	57.06 -2.94 0.00	51.91 -2.85 0.00	48.36 -3.42 0.00	44.11 -2.96 0.00	41.50 -2.00 0.00	38.03 -1.75 0.00
NEG CENTRAL___DRP 24199	37.15 -0.15 0.00	35.34 -0.21 0.00	35.59 -0.18 0.00	35.85 -0.07 0.00	36.00 -0.11 0.00	41.00 0.12 0.00	49.21 -0.15 0.00	55.41 0.11 0.00	54.22 -0.16 0.00	46.70 -0.14 0.00	44.26 0.00 0.00	42.19 -0.08 0.00	43.10 -0.04 0.00	46.68 -0.05 0.00	49.70 -0.30 0.00	52.43 -0.48 0.00	55.86 -0.51 0.00	65.27 -0.39 0.00	59.46 -0.54 0.00	54.05 -0.71 0.00	50.53 -1.24 0.00	45.95 -1.13 0.00	42.98 -0.52 0.00	39.31 -0.48 0.00
NEG CENTRAL___INDECK 23768	38.01 0.71 0.00	36.16 0.60 0.00	36.45 0.68 0.00	36.82 0.90 0.00	36.87 0.76 0.00	42.18 1.31 0.00	50.35 0.99 0.00	56.63 1.33 0.00	55.36 0.98 0.00	47.64 0.80 0.00	44.97 0.71 0.00	42.79 0.51 0.00	43.88 0.73 0.00	47.94 1.21 0.00	50.95 0.95 0.00	53.75 0.84 0.00	57.05 0.68 0.00	67.04 1.38 0.00	60.66 0.66 0.00	55.09 0.33 0.00	50.84 -0.93 0.00	46.23 -0.85 0.00	43.68 0.17 0.00	39.94 0.16 0.00
NEG CENTRAL___SENECA 23627	37.49 0.19 0.00	35.66 0.11 0.00	35.91 0.14 0.00	36.21 0.29 0.00	36.32 0.22 0.00	41.49 0.61 0.00	49.61 0.25 0.00	55.80 0.50 0.00	54.54 0.16 0.00	47.03 0.19 0.00	44.66 0.40 0.00	42.49 0.21 0.00	43.45 0.30 0.00	47.05 0.33 0.00	50.00 0.00 0.00	52.70 -0.21 0.00	56.03 -0.34 0.00	65.47 -0.20 0.00	59.52 -0.48 0.00	54.11 -0.66 0.00	50.43 -1.35 0.00	45.85 -1.22 0.00	43.16 -0.35 0.00	39.50 -0.28 0.00
NEG CENTRAL___STATE_STREET 24147	37.00 -0.30 0.00	35.20 -0.36 0.00	35.45 -0.32 0.00	35.67 -0.25 0.00	35.82 -0.29 0.00	40.71 -0.16 0.00	49.21 -0.15 0.00	55.47 0.17 0.00	54.27 -0.11 0.00	46.75 -0.09 0.00	44.17 -0.09 0.00	42.15 -0.13 0.00	43.06 -0.09 0.00	46.73 0.00 0.00	49.85 -0.15 0.00	52.59 -0.32 0.00	56.14 -0.23 0.00	65.60 -0.07 0.00	59.88 -0.12 0.00	54.44 -0.33 0.00	51.10 -0.67 0.00	46.42 -0.66 0.00	43.11 -0.39 0.00	39.42 -0.36 0.00
NEG MILLWOOD___DRP 24198	39.50 2.20 0.00	37.58 2.03 0.00	37.56 1.79 0.00	37.54 1.62 0.00	37.73 1.62 0.00	42.92 2.04 0.00	52.27 2.91 0.00	59.28 3.98 0.00	57.75 3.37 0.00	49.52 2.67 0.00	46.83 2.57 0.00	44.69 2.41 0.00	45.39 2.24 0.00	49.20 2.48 0.00	52.70 2.70 0.00	55.82 2.91 0.00	60.60 4.23 0.00	70.98 5.32 0.00	64.92 4.92 0.00	58.87 4.11 0.00	55.40 3.62 0.00	50.28 3.20 0.00	46.07 2.57 0.00	42.25 2.47 0.00
NEG NORTH_FLCN_SEA 23793	37.08 -0.22 0.00	35.55 0.00 0.00	35.81 0.04 0.00	36.03 0.11 0.00	36.51 0.40 0.00	41.65 0.78 0.00	50.64 1.28 0.00	56.02 0.72 0.00	55.80 1.41 0.00	47.92 1.08 0.00	45.41 1.15 0.00	43.16 0.89 0.00	44.14 0.99 0.00	48.08 1.36 0.00	51.80 1.80 0.00	54.97 2.06 0.00	57.10 0.73 0.00	66.45 0.79 0.00	60.54 0.54 0.00	56.35 1.59 0.00	53.79 2.02 0.00	48.68 1.60 0.00	44.90 1.39 0.00	40.78 0.99 0.00
NEG NORTH_KES_CHATEGAY 23792	37.00 -0.30 0.00	35.45 -0.11 0.00	35.70 -0.07 0.00	35.92 0.00 0.00	36.40 0.29 0.00	41.49 0.61 0.00	50.40 1.04 0.00	55.69 0.39 0.00	55.58 1.20 0.00	47.74 0.89 0.00	45.23 0.97 0.00	43.04 0.76 0.00	43.96 0.82 0.00	47.89 1.17 0.00	51.65 1.65 0.00	54.76 1.85 0.00	57.21 0.85 0.00	66.58 0.92 0.00	60.66 0.66 0.00	56.13 1.37 0.00	53.59 1.81 0.00	48.49 1.41 0.00	44.72 1.22 0.00	40.58 0.80 0.00
NEG NORTH___ALICE_FALLS 23915	37.38 0.07 0.00	35.80 0.25 0.00	36.06 0.29 0.00	36.32 0.40 0.00	36.79 0.69 0.00	42.02 1.14 0.00	51.09 1.73 0.00	56.57 1.27 0.00	56.28 1.90 0.00	48.25 1.41 0.00	45.77 1.50 0.00	43.50 1.23 0.00	44.44 1.29 0.00	48.46 1.73 0.00	52.20 2.20 0.00	55.40 2.49 0.00	57.78 1.41 0.00	67.37 1.71 0.00	61.32 1.32 0.00	56.84 2.08 0.00	54.26 2.49 0.00	49.05 1.98 0.00	45.25 1.74 0.00	41.10 1.31 0.00
NEG NORTH___LWR_SARANAC 23913	37.38 0.07 0.00	35.80 0.25 0.00	36.06 0.29 0.00	36.32 0.40 0.00	36.79 0.69 0.00	42.02 1.14 0.00	51.09 1.73 0.00	56.57 1.27 0.00	56.28 1.90 0.00	48.25 1.41 0.00	45.77 1.50 0.00	43.50 1.23 0.00	44.44 1.29 0.00	48.46 1.73 0.00	52.20 2.20 0.00	55.40 2.49 0.00	57.78 1.41 0.00	67.37 1.71 0.00	61.32 1.32 0.00	56.84 2.08 0.00	54.26 2.49 0.00	49.05 1.98 0.00	45.25 1.74 0.00	41.10 1.31 0.00
NEG NORTH___PLATTSBURG 23628	37.42 0.11 0.00	35.81 0.25 0.00	36.05 0.28 0.00	36.32 0.40 0.00	36.79 0.68 0.00	42.02 1.14 0.00	51.09 1.73 0.00	56.57 1.27 0.00	56.28 1.90 0.00	48.25 1.40 0.00	45.77 1.51 0.00	43.50 1.23 0.00	44.44 1.29 0.00	48.46 1.73 0.00	52.20 2.20 0.00	55.24 2.33 0.00	58.39 2.03 0.00	67.11 1.44 0.00	61.32 1.32 0.00	56.73 1.97 0.00	54.26 2.49 0.00	49.05 1.98 0.00	45.25 1.74 0.00	41.09 1.31 0.00
NEG WEST_LEA_LOCKPORT 23791	36.30 -1.01 0.00	34.52 -1.03 0.00	34.77 -1.00 0.00	35.17 -0.75 0.00	35.10 -1.01 0.00	40.26 -0.61 0.00	47.14 -2.22 0.00	52.04 -3.26 0.00	51.34 -3.05 0.00	44.36 -2.48 0.00	42.18 -2.08 0.00	40.04 -2.24 0.00	40.99 -2.16 0.00	44.95 -1.78 0.00	47.25 -2.75 0.00	49.37 -3.55 0.00	51.97 -4.40 0.00	60.87 -4.79 0.00	54.84 -5.16 0.00	49.89 -4.87 0.00	46.08 -5.70 0.00	42.18 -4.90 0.00	40.94 -2.57 0.00	37.71 -2.07 0.00
NEG WEST___LANCASTER 23811	37.04 -0.26 0.00	35.23 -0.32 0.00	35.48 -0.29 0.00	35.85 -0.07 0.00	35.86 -0.25 0.00	41.08 0.20 0.00	48.42 -0.94 0.00	53.59 -1.71 0.00	52.70 -1.69 0.00	45.53 -1.31 0.00	43.33 -0.93 0.00	41.18 -1.10 0.00	42.11 -1.04 0.00	46.17 -0.56 0.00	48.60 -1.40 0.00	50.74 -2.17 0.00	53.83 -2.54 0.00	63.04 -2.63 0.00	56.82 -3.18 0.00	51.70 -3.07 0.00	47.74 -4.04 0.00	43.69 -3.39 0.00	41.98 -1.52 0.00	38.63 -1.15 0.00
NEG_PENN_ALLEGHNY 23528	37.68 0.37 0.00	35.84 0.28 0.00	36.13 0.36 0.00	36.32 0.40 0.00	36.47 0.36 0.00	41.40 0.53 0.00	49.90 0.54 0.00	56.18 0.88 0.00	54.93 0.54 0.00	47.27 0.42 0.00	44.70 0.44 0.00	42.66 0.38 0.00	43.58 0.43 0.00	47.33 0.61 0.00	50.50 0.50 0.00	53.39 0.48 0.00	56.82 0.45 0.00	66.25 0.59 0.00	60.36 0.36 0.00	54.93 0.16 0.00	51.47 -0.31 0.00	46.84 -0.23 0.00	43.55 0.04 0.00	39.94 0.16 0.00
NEG___GEN_MONROE 24207	36.67 -0.63 0.00	34.88 -0.68 0.00	35.20 -0.57 0.00	35.56 -0.36 0.00	35.57 -0.54 0.00	40.63 -0.25 0.00	48.13 -1.23 0.00	53.64 -1.66 0.00	52.75 -1.63 0.00	45.58 -1.26 0.00	43.15 -1.11 0.00	41.01 -1.27 0.00	41.98 -1.16 0.00	45.79 -0.93 0.00	48.45 -1.55 0.00	50.95 -1.96 0.00	54.00 -2.37 0.00	63.23 -2.43 0.00	57.42 -2.58 0.00	52.30 -2.46 0.00	48.62 -3.16 0.00	44.35 -2.73 0.00	42.07 -1.44 0.00	38.67 -1.11 0.00

NEPA___ENERGY 23901	37.08 -0.22 0.00	35.23 -0.32 0.00	35.48 -0.29 0.00	35.89 -0.04 0.00	35.86 -0.25 0.00	41.20 0.33 0.00	48.42 -0.94 0.00	53.53 -1.77 0.00	52.80 -1.58 0.00	45.58 -1.26 0.00	43.42 -0.84 0.00	41.22 -1.06 0.00	42.15 -0.99 0.00	46.31 -0.42 0.00	48.65 -1.35 0.00	50.69 -2.22 0.00	53.49 -2.87 0.00	62.64 -3.02 0.00	56.28 -3.72 0.00	51.09 -3.67 0.00	47.12 -4.66 0.00	43.03 -4.05 0.00	41.59 -1.91 0.00	38.23 -1.55 0.00
NEVERSink___HYD 23608	39.39 2.09 0.00	37.51 1.95 0.00	37.56 1.79 0.00	37.61 1.69 0.00	37.73 1.63 0.00	42.96 2.08 0.00	52.02 2.66 0.00	58.89 3.59 0.00	57.32 2.93 0.00	49.23 2.39 0.00	46.43 2.17 0.00	44.35 2.07 0.00	45.13 1.99 0.00	48.92 2.20 0.00	52.30 2.30 0.00	55.77 2.86 0.00	60.37 4.00 0.00	70.59 4.93 0.00	64.56 4.56 0.00	58.54 3.78 0.00	55.04 3.26 0.00	50.00 2.92 0.00	45.77 2.26 0.00	42.13 2.35 0.00
NEWKRMKL_115KV_TB1 55635	37.83 0.52 0.00	36.02 0.46 0.00	36.20 0.43 0.00	36.28 0.36 0.00	36.47 0.36 0.00	41.24 0.37 0.00	50.00 0.64 0.00	56.41 1.11 0.00	54.98 0.60 0.00	47.27 0.42 0.00	44.57 0.31 0.00	42.66 0.38 0.00	43.45 0.30 0.00	46.96 0.23 0.00	50.35 0.35 0.00	53.44 0.53 0.00	57.66 1.30 0.00	67.37 1.71 0.00	61.62 1.62 0.00	56.02 1.26 0.00	52.81 1.04 0.00	47.97 0.89 0.00	44.11 0.61 0.00	40.42 0.64 0.00
NEWTON___FALLS_HYD 23847	36.74 -0.56 0.00	35.31 -0.25 0.00	35.48 -0.29 0.00	35.56 -0.36 0.00	35.93 -0.18 0.00	41.41 0.53 0.00	50.99 1.63 0.00	57.46 2.16 0.00	56.39 2.01 0.00	47.88 1.03 0.00	45.37 1.11 0.00	43.16 0.89 0.00	44.14 0.99 0.00	48.32 1.59 0.00	51.95 1.95 0.00	54.92 2.01 0.00	58.34 1.97 0.00	68.09 2.43 0.00	62.04 2.04 0.00	56.35 1.59 0.00	53.12 1.35 0.00	47.97 0.89 0.00	43.85 0.35 0.00	39.86 0.08 0.00
NGRID_A1_DSASP 323792	35.70 -1.60 0.00	33.96 -1.60 0.00	34.20 -1.57 0.00	34.59 -1.33 0.00	34.52 -1.59 0.00	39.57 -1.31 0.00	46.10 -3.26 0.00	50.66 -4.65 0.00	50.03 -4.35 0.00	43.24 -3.61 0.00	41.12 -3.14 0.00	39.10 -3.17 0.00	40.00 -3.15 0.00	43.83 -2.90 0.00	46.15 -3.85 0.00	48.31 -4.60 0.00	50.50 -5.86 0.00	59.42 -6.24 0.00	53.46 -6.54 0.00	48.63 -6.13 0.00	44.84 -6.94 0.00	41.19 -5.89 0.00	40.11 -3.39 0.00	37.04 -2.74 0.00
NGRID_A2_DSASP 323793	35.70 -1.60 0.00	33.96 -1.60 0.00	34.20 -1.57 0.00	34.59 -1.33 0.00	34.52 -1.59 0.00	39.57 -1.31 0.00	46.10 -3.26 0.00	50.66 -4.65 0.00	50.03 -4.35 0.00	43.24 -3.61 0.00	41.12 -3.14 0.00	39.10 -3.17 0.00	40.00 -3.15 0.00	43.83 -2.90 0.00	46.15 -3.85 0.00	48.31 -4.60 0.00	50.50 -5.86 0.00	59.42 -6.24 0.00	53.46 -6.54 0.00	48.63 -6.13 0.00	44.84 -6.94 0.00	41.19 -5.89 0.00	40.11 -3.39 0.00	37.04 -2.74 0.00
NGRID_A4_DSASP 323807	35.70 -1.60 0.00	33.96 -1.60 0.00	34.20 -1.57 0.00	34.59 -1.33 0.00	34.52 -1.59 0.00	39.57 -1.31 0.00	46.10 -3.26 0.00	50.66 -4.65 0.00	50.03 -4.35 0.00	43.24 -3.61 0.00	41.12 -3.14 0.00	39.10 -3.17 0.00	40.00 -3.15 0.00	43.83 -2.90 0.00	46.15 -3.85 0.00	48.31 -4.60 0.00	50.50 -5.86 0.00	59.42 -6.24 0.00	53.46 -6.54 0.00	48.63 -6.13 0.00	44.84 -6.94 0.00	41.19 -5.89 0.00	40.11 -3.39 0.00	37.04 -2.74 0.00
NIAGARA_115E_LBMP 323715	35.44 -1.86 0.00	33.67 -1.89 0.00	33.91 -1.86 0.00	34.31 -1.62 0.00	34.27 -1.84 0.00	39.28 -1.59 0.00	45.90 -3.46 0.00	50.54 -4.76 0.00	49.87 -4.51 0.00	43.10 -3.75 0.00	40.99 -3.27 0.00	38.94 -3.34 0.00	39.82 -3.32 0.00	43.64 -3.09 0.00	45.95 -4.05 0.00	48.10 -4.81 0.00	50.34 -6.03 0.00	59.23 -6.43 0.00	53.28 -6.72 0.00	48.47 -6.30 0.00	44.68 -7.09 0.00	41.05 -6.03 0.00	39.89 -3.61 0.00	36.84 -2.94 0.00
NIAGARA_115W_LBMP 323714	35.63 -1.68 0.00	33.88 -1.67 0.00	34.13 -1.64 0.00	34.52 -1.40 0.00	34.45 -1.66 0.00	39.49 -1.39 0.00	46.00 -3.36 0.00	50.54 -4.76 0.00	49.92 -4.46 0.00	43.14 -3.70 0.00	41.03 -3.23 0.00	39.02 -3.25 0.00	39.91 -3.24 0.00	43.69 -3.04 0.00	46.00 -4.00 0.00	48.15 -4.76 0.00	50.39 -5.98 0.00	59.29 -6.37 0.00	53.34 -6.66 0.00	48.52 -6.24 0.00	44.73 -7.04 0.00	41.14 -5.93 0.00	40.02 -3.48 0.00	36.96 -2.82 0.00
NIAGARA_230_LBMP 323716	35.77 -1.53 0.00	34.03 -1.53 0.00	34.27 -1.50 0.00	34.63 -1.29 0.00	34.59 -1.52 0.00	39.65 -1.23 0.00	46.35 -3.01 0.00	51.04 -4.26 0.00	50.36 -4.02 0.00	43.52 -3.32 0.00	41.34 -2.92 0.00	39.36 -2.92 0.00	40.25 -2.89 0.00	44.06 -2.66 0.00	46.40 -3.60 0.00	48.63 -4.28 0.00	50.90 -5.47 0.00	59.88 -5.78 0.00	53.94 -6.06 0.00	49.07 -5.70 0.00	45.30 -6.47 0.00	41.62 -5.46 0.00	40.37 -3.13 0.00	37.28 -2.51 0.00
NIAGARA___115KV_198_GIBSON 55903	35.62 -1.68 0.00	33.88 -1.67 0.00	34.12 -1.65 0.00	34.52 -1.40 0.00	34.45 -1.66 0.00	39.49 -1.39 0.00	46.00 -3.36 0.00	50.49 -4.81 0.00	49.92 -4.46 0.00	43.14 -3.70 0.00	41.03 -3.23 0.00	38.98 -3.30 0.00	39.87 -3.28 0.00	43.69 -3.04 0.00	45.90 -4.10 0.00	47.99 -4.92 0.00	50.39 -5.97 0.00	59.03 -6.63 0.00	53.22 -6.78 0.00	48.41 -6.35 0.00	44.79 -6.99 0.00	41.10 -5.98 0.00	40.02 -3.48 0.00	36.92 -2.86 0.00
NIAGARA___ 23760	35.77 -1.53 0.00	34.03 -1.53 0.00	34.27 -1.50 0.00	34.63 -1.29 0.00	34.59 -1.52 0.00	39.65 -1.23 0.00	46.35 -3.01 0.00	51.04 -4.26 0.00	50.36 -4.02 0.00	43.52 -3.32 0.00	41.34 -2.92 0.00	39.36 -2.92 0.00	40.25 -2.89 0.00	44.06 -2.66 0.00	46.40 -3.60 0.00	48.63 -4.28 0.00	50.90 -5.47 0.00	59.88 -5.78 0.00	53.94 -6.06 0.00	49.07 -5.70 0.00	45.30 -6.47 0.00	41.62 -5.46 0.00	40.37 -3.13 0.00	37.28 -2.51 0.00
NINE_MILE_1 23575	35.96 -1.34 0.00	34.24 -1.31 0.00	34.45 -1.32 0.00	34.63 -1.29 0.00	34.77 -1.34 0.00	39.49 -1.39 0.00	47.58 -1.77 0.00	53.48 -1.82 0.00	52.43 -1.96 0.00	45.16 -1.68 0.00	42.67 -1.59 0.00	40.76 -1.52 0.00	41.63 -1.51 0.00	45.09 -1.64 0.00	48.20 -1.80 0.00	51.01 -1.90 0.00	54.34 -2.03 0.00	63.36 -2.30 0.00	57.84 -2.16 0.00	52.68 -2.08 0.00	49.60 -2.17 0.00	45.10 -1.98 0.00	41.81 -1.70 0.00	38.27 -1.51 0.00
NINE_MILE_2 23744	35.96 -1.34 0.00	34.24 -1.31 0.00	34.45 -1.32 0.00	34.63 -1.29 0.00	34.77 -1.34 0.00	39.49 -1.39 0.00	47.58 -1.77 0.00	53.48 -1.82 0.00	52.43 -1.96 0.00	45.20 -1.64 0.00	42.67 -1.59 0.00	40.76 -1.52 0.00	41.63 -1.51 0.00	45.09 -1.64 0.00	48.20 -1.80 0.00	51.01 -1.90 0.00	54.34 -2.03 0.00	63.36 -2.30 0.00	57.84 -2.16 0.00	52.68 -2.08 0.00	49.60 -2.17 0.00	45.10 -1.98 0.00	41.81 -1.70 0.00	38.27 -1.51 0.00
NM_CAPITAL___DRP 24208	37.97 0.67 0.00	36.16 0.60 0.00	36.34 0.57 0.00	36.43 0.50 0.00	36.61 0.51 0.00	41.41 0.53 0.00	50.20 0.84 0.00	56.63 1.33 0.00	55.20 0.82 0.00	47.45 0.61 0.00	44.75 0.49 0.00	42.78 0.51 0.00	43.62 0.47 0.00	47.10 0.37 0.00	50.50 0.50 0.00	53.60 0.69 0.00	57.89 1.52 0.00	67.63 1.97 0.00	61.86 1.86 0.00	56.24 1.48 0.00	53.02 1.24 0.00	48.16 1.08 0.00	44.33 0.83 0.00	40.62 0.84 0.00

NM_CENTRAL___DRP 24181	36.74 -0.56 0.00	34.99 -0.57 0.00	35.20 -0.57 0.00	35.38 -0.54 0.00	35.57 -0.54 0.00	40.43 -0.45 0.00	48.72 -0.64 0.00	54.86 -0.44 0.00	53.73 -0.65 0.00	46.28 -0.56 0.00	43.73 -0.53 0.00	41.77 -0.51 0.00	42.63 -0.52 0.00	46.26 -0.47 0.00	49.40 -0.60 0.00	52.17 -0.74 0.00	55.69 -0.68 0.00	64.94 -0.72 0.00	59.22 -0.78 0.00	53.78 -0.99 0.00	50.58 -1.19 0.00	46.04 -1.04 0.00	42.72 -0.78 0.00	39.11 -0.68 0.00
NM_FRONTIER___DRP 24179	35.62 -1.68 0.00	33.88 -1.67 0.00	34.12 -1.65 0.00	34.52 -1.40 0.00	34.45 -1.66 0.00	39.49 -1.39 0.00	46.00 -3.36 0.00	50.49 -4.81 0.00	49.92 -4.46 0.00	43.14 -3.70 0.00	41.03 -3.23 0.00	38.98 -3.30 0.00	39.87 -3.28 0.00	43.69 -3.04 0.00	45.90 -4.10 0.00	47.99 -4.92 0.00	50.39 -5.97 0.00	59.03 -6.63 0.00	53.22 -6.78 0.00	48.41 -6.35 0.00	44.79 -6.99 0.00	41.10 -5.98 0.00	40.02 -3.48 0.00	36.92 -2.86 0.00
NM_ST_REGIS___HYD 24053	37.41 0.11 0.00	35.98 0.43 0.00	36.16 0.39 0.00	36.32 0.40 0.00	36.79 0.69 0.00	42.35 1.47 0.00	52.02 2.67 0.00	58.18 2.88 0.00	57.43 3.05 0.00	48.81 1.97 0.00	46.34 2.08 0.00	44.05 1.78 0.00	45.09 1.94 0.00	49.25 2.52 0.00	53.10 3.10 0.00	56.14 3.23 0.00	59.30 2.93 0.00	69.14 3.48 0.00	62.88 2.88 0.00	57.50 2.74 0.00	54.62 2.85 0.00	49.34 2.26 0.00	45.20 1.70 0.00	40.98 1.19 0.00
NORTHPORT___1 23551	39.65 2.35 0.00	37.33 1.78 0.00	37.09 1.32 0.00	37.11 1.18 0.00	37.34 1.23 0.00	42.63 1.76 0.00	50.84 1.48 0.00	57.95 2.65 0.00	56.50 2.12 0.00	48.62 1.78 0.00	46.65 2.39 0.00	44.81 2.54 0.00	45.60 2.46 0.00	48.88 2.15 0.00	51.90 1.90 0.00	55.71 2.80 0.00	61.33 4.96 0.00	71.71 6.04 -0.01	65.34 5.34 0.00	59.26 4.49 0.00	55.76 3.99 0.00	50.47 3.39 0.00	46.38 2.87 0.00	41.93 2.15 0.00
NORTHPORT___2 23552	39.65 2.35 0.00	37.33 1.78 0.00	37.09 1.32 0.00	37.11 1.18 0.00	37.34 1.23 0.00	42.63 1.76 0.00	50.84 1.48 0.00	57.95 2.65 0.00	56.50 2.12 0.00	48.62 1.78 0.00	46.65 2.39 0.00	44.81 2.54 0.00	45.60 2.46 0.00	48.88 2.15 0.00	51.90 1.90 0.00	55.71 2.80 0.00	61.33 4.96 0.00	71.71 6.04 -0.01	65.34 5.34 0.00	59.26 4.49 0.00	55.76 3.99 0.00	50.47 3.39 0.00	46.38 2.87 0.00	41.93 2.15 0.00
NORTHPORT___3 23553	39.28 1.98 0.00	37.05 1.49 0.00	36.81 1.04 0.00	36.82 0.90 0.00	37.04 0.94 0.00	42.30 1.43 0.00	50.00 0.64 0.00	56.96 1.66 0.00	55.47 1.09 0.00	48.06 1.22 0.00	46.34 2.08 0.00	44.56 2.28 0.00	45.34 2.20 0.00	48.36 1.63 0.00	51.20 1.20 0.00	54.87 1.96 0.00	60.09 3.72 0.00	70.27 4.59 -0.01	64.02 4.02 0.00	58.05 3.29 0.00	54.62 2.85 0.00	49.71 2.63 0.00	46.03 2.52 0.00	41.61 1.83 0.00
NORTHPORT___4 23650	39.28 1.98 0.00	37.05 1.49 0.00	36.81 1.04 0.00	36.82 0.90 0.00	37.04 0.94 0.00	42.30 1.43 0.00	50.00 0.64 0.00	56.96 1.66 0.00	55.47 1.09 0.00	48.06 1.22 0.00	46.34 2.08 0.00	44.56 2.28 0.00	45.34 2.20 0.00	48.36 1.63 0.00	51.20 1.20 0.00	54.87 1.96 0.00	60.09 3.72 0.00	70.27 4.59 -0.01	64.02 4.02 0.00	58.05 3.29 0.00	54.62 2.85 0.00	49.71 2.63 0.00	46.03 2.52 0.00	41.61 1.83 0.00
NORTHPORT___IC 23718	39.88 2.57 0.00	37.33 1.78 0.00	37.09 1.32 0.00	37.11 1.19 0.00	37.34 1.23 0.00	42.63 1.76 0.00	50.84 1.48 0.00	58.12 2.82 0.00	56.50 2.12 0.00	48.63 1.78 0.00	46.65 2.39 0.00	44.85 2.58 0.00	45.60 2.46 0.00	48.88 2.15 0.00	52.15 2.15 0.00	55.34 2.43 0.00	61.22 4.85 0.00	71.91 6.24 -0.01	65.46 5.46 0.00	59.14 4.38 0.00	55.40 3.62 0.00	50.14 3.06 0.00	46.38 2.87 0.00	41.93 2.15 0.00
NORTH___COUNTRY_ESR 323785	36.89 -0.41 0.00	35.31 -0.25 0.00	35.56 -0.21 0.00	35.82 -0.11 0.00	36.25 0.15 0.00	41.33 0.45 0.00	50.20 0.84 0.00	55.47 0.17 0.00	55.36 0.98 0.00	47.55 0.70 0.00	45.06 0.80 0.00	42.87 0.59 0.00	43.83 0.69 0.00	47.75 1.03 0.00	51.45 1.45 0.00	54.34 1.43 0.00	57.32 0.96 0.00	65.93 0.26 0.00	60.36 0.36 0.00	55.80 1.04 0.00	53.38 1.61 0.00	48.35 1.27 0.00	44.55 1.04 0.00	40.46 0.68 0.00
NPX_GEN_1385_PROXY 323591	39.65 2.35 0.00	37.26 1.71 0.00	37.02 1.25 0.00	37.04 1.11 0.00	37.26 1.16 0.00	42.71 1.84 0.00	50.69 1.33 0.00	57.90 2.60 0.00	56.39 2.01 0.00	48.11 1.27 0.00	46.47 2.21 0.00	44.64 2.37 0.00	45.34 2.20 0.00	48.60 1.87 0.00	51.30 1.30 0.00	55.40 2.49 0.00	61.73 5.36 0.00	72.17 6.50 -0.01	65.76 5.76 0.00	59.58 4.82 0.00	56.12 4.35 0.00	50.70 3.63 0.00	46.68 3.17 0.00	42.21 2.43 0.00
NPX_GEN_CSC 323557	39.58 2.28 0.00	37.19 1.64 0.00	36.88 1.11 0.00	36.93 1.00 0.00	37.19 1.08 0.00	42.55 1.68 0.00	50.69 1.33 0.00	57.95 2.65 0.00	56.45 2.07 0.00	48.48 1.64 0.00	46.16 1.90 0.00	44.18 1.90 0.00	45.09 1.94 0.00	47.94 1.21 0.00	51.10 1.10 0.00	54.97 2.06 0.00	61.22 4.85 0.00	71.58 5.91 -0.01	65.58 5.58 0.00	59.42 4.65 0.00	55.86 4.09 0.00	50.00 2.92 0.00	45.46 1.96 0.00	41.25 1.47 0.00
NSINS_S___GLNS_FALLS 23858	38.46 1.16 0.00	36.80 1.24 0.00	36.84 1.07 0.00	36.89 0.97 0.00	37.08 0.97 0.00	42.18 1.31 0.00	51.38 2.02 0.00	57.79 2.49 0.00	56.23 1.85 0.00	48.11 1.26 0.00	45.19 0.93 0.00	43.25 0.97 0.00	44.05 0.91 0.00	47.85 1.12 0.00	51.45 1.45 0.00	54.60 1.69 0.00	59.02 2.65 0.00	69.21 3.55 0.00	63.18 3.18 0.00	57.34 2.57 0.00	54.00 2.23 0.00	48.96 1.88 0.00	44.94 1.44 0.00	41.25 1.47 0.00
NUCOR_STEEL___DRP 24197	37.04 -0.26 0.00	35.23 -0.32 0.00	35.48 -0.29 0.00	35.71 -0.22 0.00	35.82 -0.29 0.00	40.71 -0.16 0.00	49.16 -0.20 0.00	55.30 0.00 0.00	54.11 -0.27 0.00	46.66 -0.19 0.00	44.04 -0.22 0.00	42.02 -0.25 0.00	42.97 -0.17 0.00	46.59 -0.14 0.00	49.70 -0.30 0.00	52.49 -0.42 0.00	56.03 -0.34 0.00	65.47 -0.20 0.00	59.76 -0.24 0.00	54.33 -0.44 0.00	51.05 -0.72 0.00	46.42 -0.66 0.00	43.11 -0.39 0.00	39.42 -0.36 0.00
NUMBER_THREE_WT_PWR 323818	37.04 -0.26 0.00	35.48 -0.07 0.00	35.66 -0.11 0.00	35.78 -0.14 0.00	36.04 -0.07 0.00	41.40 0.53 0.00	50.99 1.63 0.00	57.62 2.32 0.00	56.39 2.01 0.00	47.83 0.99 0.00	45.23 0.97 0.00	43.12 0.85 0.00	44.05 0.91 0.00	48.32 1.59 0.00	51.85 1.85 0.00	54.81 1.90 0.00	58.56 2.20 0.00	67.50 1.84 0.00	62.28 2.28 0.00	56.46 1.70 0.00	52.81 1.04 0.00	47.69 0.61 0.00	43.55 0.04 0.00	39.66 -0.12 0.00
NYISO_LBMP_REFERENCE 24008	37.30 0.00 0.00	35.55 0.00 0.00	35.77 0.00 0.00	35.92 0.00 0.00	36.11 0.00 0.00	40.87 0.00 0.00	49.36 0.00 0.00	55.30 0.00 0.00	54.38 0.00 0.00	46.85 0.00 0.00	44.26 0.00 0.00	42.28 0.00 0.00	43.15 0.00 0.00	46.73 0.00 0.00	50.00 0.00 0.00	52.91 0.00 0.00	56.37 0.00 0.00	65.66 0.00 0.00	60.00 0.00 0.00	54.76 0.00 0.00	51.78 0.00 0.00	47.08 0.00 0.00	43.51 0.00 0.00	39.78 0.00 0.00

NYPA_BRENTWD____GT 24164	39.99 2.69 0.00	37.61 2.06 0.00	37.34 1.57 0.00	37.36 1.44 0.00	37.62 1.52 0.00	42.96 2.08 0.00	51.23 1.88 0.00	58.51 3.21 0.00	56.99 2.61 0.00	49.05 2.20 0.00	47.00 2.75 0.00	45.19 2.91 0.00	45.99 2.85 0.00	49.34 2.62 0.00	52.45 2.45 0.00	56.30 3.39 0.00	62.00 5.64 0.00	72.50 6.83 -0.01	66.06 6.06 0.00	59.86 5.09 0.00	56.33 4.56 0.00	50.94 3.86 0.00	46.77 3.26 0.00	42.21 2.43 0.00
NYPA_GOWANUS____GT5 24156	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.24 3.93 -0.01	57.76 3.37 -0.01	49.76 2.91 -0.01	47.10 2.84 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.52 3.60 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.05 4.27 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.18 2.39 -0.01
NYPA_GOWANUS____GT6 24157	39.59 2.28 -0.01	37.62 2.06 -0.01	37.57 1.79 -0.01	37.55 1.62 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.88 2.52 -0.01	59.24 3.93 -0.01	57.76 3.37 -0.01	49.76 2.91 -0.01	47.10 2.84 -0.01	45.07 2.79 -0.01	46.00 2.85 -0.01	49.77 3.04 -0.01	53.16 3.15 -0.01	56.52 3.60 -0.01	61.11 4.74 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	59.05 4.27 -0.01	55.61 3.83 -0.01	50.52 3.43 -0.01	46.21 2.70 -0.01	42.18 2.39 -0.01
NYPA_HARLEM__RVR__GT1 24160	39.24 1.94 0.00	37.37 1.81 0.00	37.27 1.50 0.00	37.21 1.29 0.00	37.34 1.23 0.00	42.10 1.23 0.00	51.23 1.88 0.00	58.51 3.21 0.00	56.98 2.61 0.01	49.09 2.25 0.01	46.46 2.21 0.01	44.47 2.20 0.01	45.34 2.20 0.01	49.15 2.43 0.00	52.45 2.45 0.00	55.81 2.91 0.01	60.37 4.00 0.00	70.65 4.99 0.00	64.56 4.56 0.00	58.49 3.73 0.00	55.04 3.26 0.00	50.00 2.92 0.00	45.68 2.17 0.00	41.77 1.99 0.00
NYPA_HARLEM__RVR__GT2 24161	39.24 1.94 0.00	37.37 1.81 0.00	37.27 1.50 0.00	37.21 1.29 0.00	37.34 1.23 0.00	42.10 1.23 0.00	51.23 1.88 0.00	58.51 3.21 0.00	56.98 2.61 0.01	49.09 2.25 0.01	46.46 2.21 0.01	44.47 2.20 0.01	45.34 2.20 0.01	49.15 2.43 0.00	52.45 2.45 0.00	55.81 2.91 0.01	60.37 4.00 0.00	70.65 4.99 0.00	64.56 4.56 0.00	58.49 3.73 0.00	55.04 3.26 0.00	50.00 2.92 0.00	45.68 2.17 0.00	41.77 1.99 0.00
NYPA_KENT____GT 24152	39.47 2.16 0.00	37.51 1.95 0.00	37.46 1.68 0.00	37.47 1.54 0.00	37.59 1.48 0.00	42.60 1.72 0.00	51.78 2.42 0.00	59.07 3.76 0.00	57.65 3.26 0.00	49.66 2.81 0.00	47.01 2.75 0.00	44.99 2.71 0.00	45.87 2.72 0.00	49.68 2.95 0.00	53.01 3.00 0.00	56.41 3.49 0.00	60.88 4.51 0.00	71.18 5.52 0.00	64.92 4.92 0.00	58.88 4.11 0.00	55.46 3.68 0.00	50.38 3.29 0.00	46.08 2.57 0.00	42.09 2.31 0.00
NYPA_POUCH1____GT 24155	39.66 2.35 -0.01	37.73 2.17 -0.01	37.67 1.89 -0.01	37.69 1.76 -0.01	37.81 1.70 -0.01	42.84 1.96 -0.01	52.03 2.66 -0.01	59.34 4.03 -0.01	57.92 3.53 -0.01	49.85 3.00 -0.01	47.19 2.92 -0.01	45.16 2.88 -0.01	46.04 2.89 -0.01	49.87 3.13 -0.01	53.21 3.20 -0.01	56.62 3.70 -0.01	61.16 4.79 -0.01	71.45 5.78 -0.01	65.22 5.22 -0.01	59.15 4.38 -0.01	55.67 3.89 -0.01	50.57 3.48 -0.01	46.30 2.79 -0.01	42.30 2.51 -0.01
NYPA_VERNON____GT2 24162	39.35 2.05 0.00	37.40 1.85 0.00	37.34 1.57 0.00	37.36 1.44 0.00	37.48 1.37 0.00	42.47 1.59 0.00	51.63 2.27 0.00	58.95 3.65 0.00	57.48 3.10 0.00	49.52 2.67 0.00	46.87 2.61 0.00	44.81 2.54 0.00	45.73 2.59 0.00	49.53 2.80 0.00	52.85 2.85 0.00	56.25 3.34 0.00	60.77 4.40 0.00	70.98 5.32 0.00	64.80 4.80 0.00	58.76 4.00 0.00	55.30 3.52 0.00	50.23 3.15 0.00	45.94 2.43 0.00	41.93 2.15 0.00
NYPA_VERNON____GT3 24163	39.35 2.05 0.00	37.40 1.85 0.00	37.34 1.57 0.00	37.36 1.44 0.00	37.48 1.37 0.00	42.47 1.59 0.00	51.63 2.27 0.00	58.95 3.65 0.00	57.48 3.10 0.00	49.52 2.67 0.00	46.87 2.61 0.00	44.81 2.54 0.00	45.73 2.59 0.00	49.53 2.80 0.00	52.85 2.85 0.00	56.25 3.34 0.00	60.77 4.40 0.00	70.98 5.32 0.00	64.80 4.80 0.00	58.76 4.00 0.00	55.30 3.52 0.00	50.23 3.15 0.00	45.94 2.43 0.00	41.93 2.15 0.00
NYPA__ASTORIA_CC1 323568	39.28 1.98 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.29 1.36 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.57 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.75 2.75 0.00	56.14 3.23 0.00	60.65 4.28 0.00	70.92 5.26 0.00	64.68 4.68 0.00	58.65 3.89 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.85 2.35 0.00	41.89 2.11 0.00
NYPA__ASTORIA_CC2 323569	39.32 2.01 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.29 1.36 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.57 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.75 2.75 0.00	56.14 3.23 0.00	60.65 4.28 0.00	70.92 5.26 0.00	64.68 4.68 0.00	58.65 3.89 0.00	55.19 3.42 0.00	50.18 3.11 0.00	45.85 2.35 0.00	41.89 2.11 0.00
NYPA__HOLTSVILL 23794	39.69 2.39 0.00	37.37 1.81 0.00	37.05 1.29 0.00	37.11 1.18 0.00	37.34 1.23 0.00	42.59 1.72 0.00	50.74 1.38 0.00	57.90 2.60 0.00	56.45 2.07 0.00	48.58 1.73 0.00	46.52 2.26 0.00	44.68 2.41 0.00	45.47 2.33 0.00	48.69 1.96 0.00	51.75 1.75 0.00	55.61 2.70 0.00	61.33 4.96 0.00	71.65 5.97 -0.01	65.34 5.34 0.00	59.26 4.49 0.00	55.76 3.99 0.00	50.32 3.25 0.00	46.16 2.65 0.00	41.69 1.91 0.00
NYPA__HELLGATE_GT1 24158	39.24 1.94 0.00	37.37 1.81 0.00	37.27 1.50 0.00	37.21 1.29 0.00	37.34 1.23 0.00	42.10 1.23 0.00	51.23 1.88 0.00	58.51 3.21 0.00	56.98 2.61 0.01	49.09 2.25 0.01	46.46 2.21 0.01	44.47 2.20 0.01	45.34 2.20 0.01	49.15 2.43 0.00	52.45 2.45 0.00	55.81 2.91 0.01	60.37 4.00 0.00	70.65 4.99 0.00	64.56 4.56 0.00	58.49 3.73 0.00	55.04 3.26 0.00	50.00 2.92 0.00	45.68 2.17 0.00	41.77 1.99 0.00
NYPA__HELLGATE_GT2 24159	39.24 1.94 0.00	37.37 1.81 0.00	37.27 1.50 0.00	37.21 1.29 0.00	37.34 1.23 0.00	42.10 1.23 0.00	51.23 1.88 0.00	58.51 3.21 0.00	56.98 2.61 0.01	49.09 2.25 0.01	46.46 2.21 0.01	44.47 2.20 0.01	45.34 2.20 0.01	49.15 2.43 0.00	52.45 2.45 0.00	55.81 2.91 0.01	60.37 4.00 0.00	70.65 4.99 0.00	64.56 4.56 0.00	58.49 3.73 0.00	55.04 3.26 0.00	50.00 2.92 0.00	45.68 2.17 0.00	41.77 1.99 0.00
NYS_BARGE__HYD 23848	36.33 -0.97 0.00	34.56 -1.00 0.00	34.81 -0.96 0.00	35.21 -0.72 0.00	35.13 -0.97 0.00	40.30 -0.57 0.00	47.19 -2.17 0.00	52.15 -3.15 0.00	51.44 -2.94 0.00	44.46 -2.39 0.00	42.27 -1.99 0.00	40.12 -2.15 0.00	41.03 -2.11 0.00	45.00 -1.73 0.00	47.45 -2.55 0.00	49.63 -3.28 0.00	52.03 -4.34 0.00	61.20 -4.47 0.00	55.08 -4.92 0.00	50.11 -4.66 0.00	46.13 -5.64 0.00	42.32 -4.75 0.00	40.98 -2.52 0.00	37.79 -1.99 0.00

OAK ORCHARD___HYD 24046	36.52 -0.79 0.00	34.77 -0.78 0.00	34.98 -0.79 0.00	35.31 -0.61 0.00	35.35 -0.76 0.00	40.30 -0.57 0.00	47.93 -1.43 0.00	53.59 -1.71 0.00	52.70 -1.69 0.00	45.53 -1.31 0.00	43.11 -1.15 0.00	41.01 -1.27 0.00	41.98 -1.16 0.00	45.74 -0.98 0.00	48.55 -1.45 0.00	51.11 -1.80 0.00	54.00 -2.37 0.00	63.30 -2.36 0.00	57.42 -2.58 0.00	52.30 -2.46 0.00	48.56 -3.21 0.00	44.30 -2.78 0.00	41.94 -1.56 0.00	38.47 -1.31 0.00
OAKDALE___35_KV_LOAD 356122	37.60 0.30 0.00	35.77 0.21 0.00	36.06 0.29 0.00	36.25 0.32 0.00	36.40 0.29 0.00	41.28 0.41 0.00	49.75 0.39 0.00	55.96 0.66 0.00	54.71 0.33 0.00	47.13 0.28 0.00	44.57 0.31 0.00	42.53 0.25 0.00	43.40 0.26 0.00	47.15 0.42 0.00	50.30 0.30 0.00	53.07 0.16 0.00	56.54 0.17 0.00	65.93 0.26 0.00	60.12 0.12 0.00	54.71 -0.05 0.00	51.26 -0.52 0.00	46.65 -0.42 0.00	43.42 -0.09 0.00	39.78 0.00 0.00
OCC_CHEM___DRP 24175	35.70 -1.60 0.00	33.95 -1.60 0.00	34.20 -1.57 0.00	34.59 -1.33 0.00	34.52 -1.59 0.00	39.57 -1.31 0.00	46.10 -3.26 0.00	50.66 -4.65 0.00	50.03 -4.35 0.00	43.24 -3.61 0.00	41.12 -3.14 0.00	39.11 -3.17 0.00	40.00 -3.15 0.00	43.83 -2.90 0.00	46.05 -3.95 0.00	48.10 -4.81 0.00	50.51 -5.86 0.00	59.16 -6.50 0.00	53.34 -6.66 0.00	48.52 -6.24 0.00	44.89 -6.89 0.00	41.15 -5.93 0.00	40.11 -3.39 0.00	37.00 -2.78 0.00
OH_GEN_PROXY 24063	35.77 -1.53 0.00	34.03 -1.53 0.00	34.27 -1.50 0.00	34.63 -1.29 0.00	34.59 -1.52 0.00	39.65 -1.23 0.00	46.40 -2.96 0.00	51.15 -4.15 0.00	50.47 -3.92 0.00	43.61 -3.23 0.00	41.43 -2.83 0.00	39.40 -2.88 0.00	40.30 -2.85 0.00	44.11 -2.62 0.00	46.50 -3.50 0.00	48.73 -4.18 0.00	51.07 -5.30 0.00	60.08 -5.58 0.00	54.12 -5.88 0.00	49.29 -5.48 0.00	44.60 -6.32 0.86	40.70 -5.37 1.01	40.42 -3.09 0.00	37.32 -2.47 0.00
OLIN_CORP_DRP 24177	35.51 -1.79 0.00	33.78 -1.78 0.00	34.02 -1.75 0.00	34.41 -1.51 0.00	34.34 -1.77 0.00	39.36 -1.51 0.00	46.00 -3.36 0.00	50.60 -4.70 0.00	50.03 -4.35 0.00	43.19 -3.65 0.00	41.07 -3.19 0.00	39.02 -3.26 0.00	39.95 -3.19 0.00	43.78 -2.94 0.00	46.00 -4.00 0.00	48.04 -4.87 0.00	50.51 -5.86 0.00	59.16 -6.50 0.00	53.34 -6.66 0.00	48.52 -6.24 0.00	44.89 -6.89 0.00	41.10 -5.98 0.00	40.02 -3.48 0.00	36.88 -2.90 0.00
OLIN_CORP_DSASP 323712	35.70 -1.60 0.00	33.96 -1.60 0.00	34.20 -1.57 0.00	34.59 -1.33 0.00	34.52 -1.59 0.00	39.57 -1.31 0.00	46.10 -3.26 0.00	50.66 -4.65 0.00	50.03 -4.35 0.00	43.24 -3.61 0.00	41.12 -3.14 0.00	39.10 -3.17 0.00	40.00 -3.15 0.00	43.83 -2.90 0.00	46.15 -3.85 0.00	48.31 -4.60 0.00	50.50 -5.86 0.00	59.42 -6.24 0.00	53.46 -6.54 0.00	48.63 -6.13 0.00	44.84 -6.94 0.00	41.19 -5.89 0.00	40.11 -3.39 0.00	37.04 -2.74 0.00
ONEIDA_HERK_LFGE 323681	37.71 0.41 0.00	36.05 0.50 0.00	36.27 0.50 0.00	36.36 0.43 0.00	36.58 0.47 0.00	41.73 0.86 0.00	50.89 1.53 0.00	57.40 2.10 0.00	56.17 1.79 0.00	48.06 1.22 0.00	45.41 1.15 0.00	43.37 1.10 0.00	44.31 1.17 0.00	48.22 1.49 0.00	51.65 1.65 0.00	54.60 1.69 0.00	58.34 1.97 0.00	67.76 2.10 0.00	62.10 2.10 0.00	56.46 1.70 0.00	53.07 1.29 0.00	48.07 0.99 0.00	44.20 0.69 0.00	40.34 0.56 0.00
ONEIDA___115KV_TB4 55905	38.12 0.82 0.00	36.41 0.85 0.00	36.66 0.89 0.00	36.75 0.83 0.00	36.94 0.83 0.00	42.06 1.19 0.00	51.04 1.68 0.00	57.57 2.27 0.00	56.28 1.90 0.00	48.34 1.50 0.00	45.72 1.46 0.00	43.63 1.35 0.00	44.57 1.42 0.00	48.36 1.64 0.00	51.70 1.70 0.00	54.66 1.75 0.00	58.34 1.97 0.00	68.03 2.36 0.00	62.04 2.04 0.00	56.41 1.64 0.00	53.12 1.35 0.00	48.25 1.18 0.00	44.51 1.00 0.00	40.70 0.91 0.00
ONONDAGA_REF_OCCRA 23987	36.97 -0.34 0.00	35.20 -0.36 0.00	35.41 -0.36 0.00	35.60 -0.32 0.00	35.75 -0.36 0.00	40.63 -0.25 0.00	49.06 -0.30 0.00	55.25 -0.06 0.00	54.06 -0.33 0.00	46.56 -0.28 0.00	43.99 -0.27 0.00	42.02 -0.25 0.00	42.93 -0.22 0.00	46.54 -0.19 0.00	49.70 -0.30 0.00	52.49 -0.42 0.00	56.09 -0.28 0.00	65.40 -0.26 0.00	59.64 -0.36 0.00	54.22 -0.55 0.00	50.95 -0.83 0.00	46.37 -0.71 0.00	43.03 -0.48 0.00	39.34 -0.44 0.00
ONONDAGA___COGEN 23986	36.78 -0.52 0.00	35.02 -0.53 0.00	35.23 -0.54 0.00	35.42 -0.50 0.00	35.57 -0.54 0.00	40.55 -0.33 0.00	48.96 -0.39 0.00	55.19 -0.11 0.00	54.00 -0.38 0.00	46.56 -0.28 0.00	43.95 -0.31 0.00	41.98 -0.30 0.00	42.89 -0.26 0.00	46.49 -0.23 0.00	49.65 -0.35 0.00	52.43 -0.48 0.00	56.03 -0.34 0.00	65.33 -0.33 0.00	59.64 -0.36 0.00	54.00 -0.77 0.00	50.79 -0.98 0.00	46.18 -0.89 0.00	42.85 -0.65 0.00	39.19 -0.60 0.00
ONTARIO___LFGE 23819	37.49 0.19 0.00	35.66 0.11 0.00	35.91 0.14 0.00	36.21 0.29 0.00	36.36 0.25 0.00	41.49 0.61 0.00	49.61 0.25 0.00	55.85 0.55 0.00	54.55 0.16 0.00	47.03 0.19 0.00	44.66 0.40 0.00	42.53 0.26 0.00	43.45 0.30 0.00	47.06 0.33 0.00	50.10 0.10 0.00	52.86 -0.05 0.00	56.09 -0.28 0.00	65.66 0.00 0.00	59.64 -0.36 0.00	54.22 -0.55 0.00	50.48 -1.29 0.00	46.09 -0.99 0.00	43.16 -0.35 0.00	39.55 -0.24 0.00
ORANGEVILLE_WT_PWR 323706	36.82 -0.49 0.00	35.02 -0.53 0.00	35.30 -0.47 0.00	35.67 -0.25 0.00	35.71 -0.40 0.00	40.92 0.04 0.00	48.32 -1.04 0.00	53.69 -1.61 0.00	52.75 -1.63 0.00	45.49 -1.36 0.00	43.20 -1.06 0.00	41.09 -1.18 0.00	42.02 -1.12 0.00	46.03 -0.70 0.00	48.60 -1.40 0.00	50.95 -1.96 0.00	53.66 -2.70 0.00	62.91 -2.76 0.00	56.64 -3.36 0.00	51.42 -3.34 0.00	47.43 -4.35 0.00	43.27 -3.81 0.00	41.37 -2.13 0.00	38.07 -1.71 0.00
ORANGEVILLE___ESR 323794	36.82 -0.49 0.00	35.02 -0.53 0.00	35.30 -0.47 0.00	35.67 -0.25 0.00	35.71 -0.40 0.00	40.92 0.04 0.00	48.32 -1.04 0.00	53.69 -1.61 0.00	52.75 -1.63 0.00	45.49 -1.36 0.00	43.20 -1.06 0.00	41.09 -1.18 0.00	42.02 -1.12 0.00	46.03 -0.70 0.00	48.60 -1.40 0.00	50.95 -1.96 0.00	53.66 -2.70 0.00	62.91 -2.76 0.00	56.64 -3.36 0.00	51.42 -3.34 0.00	47.43 -4.35 0.00	43.27 -3.81 0.00	41.37 -2.13 0.00	38.07 -1.71 0.00
OSWEGATCHIE___HYD 24044	36.82 -0.49 0.00	35.31 -0.25 0.00	35.48 -0.29 0.00	35.56 -0.36 0.00	35.93 -0.18 0.00	41.40 0.53 0.00	50.99 1.63 0.00	57.45 2.15 0.00	56.39 2.01 0.00	47.87 1.03 0.00	45.37 1.11 0.00	43.17 0.89 0.00	44.14 0.99 0.00	48.32 1.59 0.00	51.95 1.95 0.00	54.87 1.96 0.00	58.51 2.14 0.00	66.19 0.52 0.00	62.04 2.04 0.00	56.35 1.59 0.00	53.12 1.34 0.00	47.97 0.89 0.00	43.85 0.35 0.00	39.86 0.08 0.00
OSWEGO___5 23606	36.22 -1.08 0.00	34.49 -1.07 0.00	34.70 -1.07 0.00	34.88 -1.04 0.00	35.03 -1.08 0.00	39.77 -1.10 0.00	47.93 -1.43 0.00	53.86 -1.44 0.00	52.80 -1.58 0.00	45.49 -1.36 0.00	42.98 -1.28 0.00	41.05 -1.23 0.00	41.94 -1.21 0.00	45.42 -1.31 0.00	48.55 -1.45 0.00	51.37 -1.54 0.00	54.73 -1.64 0.00	63.82 -1.84 0.00	58.26 -1.74 0.00	53.07 -1.70 0.00	49.96 -1.81 0.00	45.43 -1.65 0.00	42.11 -1.39 0.00	38.55 -1.23 0.00

OSWEGO____6 23613	36.22 -1.08 0.00	34.49 -1.07 0.00	34.70 -1.07 0.00	34.88 -1.04 0.00	35.03 -1.08 0.00	39.77 -1.10 0.00	47.93 -1.43 0.00	53.86 -1.44 0.00	52.80 -1.58 0.00	45.49 -1.36 0.00	42.98 -1.28 0.00	41.05 -1.23 0.00	41.94 -1.21 0.00	45.42 -1.31 0.00	48.55 -1.45 0.00	51.37 -1.54 0.00	54.73 -1.64 0.00	63.82 -1.84 0.00	58.26 -1.74 0.00	53.07 -1.70 0.00	49.96 -1.81 0.00	45.43 -1.65 0.00	42.11 -1.39 0.00	38.55 -1.23 0.00
OUTOKUMPU-AB____DRP 24206	36.63 -0.67 0.00	34.81 -0.75 0.00	35.05 -0.72 0.00	35.46 -0.47 0.00	35.39 -0.72 0.00	40.63 -0.25 0.00	47.48 -1.88 0.00	52.37 -2.93 0.00	51.72 -2.66 0.00	44.69 -2.15 0.00	42.53 -1.73 0.00	40.37 -1.90 0.00	41.33 -1.81 0.00	45.32 -1.40 0.00	47.65 -2.35 0.00	49.68 -3.23 0.00	52.31 -4.06 0.00	61.26 -4.40 0.00	55.20 -4.80 0.00	50.16 -4.60 0.00	46.39 -5.38 0.00	42.46 -4.61 0.00	41.20 -2.31 0.00	37.91 -1.87 0.00
OXBOW____BTM 323836	36.22 -1.08 0.00	34.42 -1.14 0.00	34.70 -1.07 0.00	35.10 -0.82 0.00	35.03 -1.08 0.00	40.18 -0.70 0.00	46.89 -2.47 0.00	51.65 -3.65 0.00	51.01 -3.37 0.00	44.08 -2.76 0.00	41.91 -2.35 0.00	39.82 -2.45 0.00	40.73 -2.42 0.00	44.67 -2.05 0.00	47.05 -2.95 0.00	49.21 -3.71 0.00	51.52 -4.85 0.00	60.61 -5.05 0.00	54.48 -5.52 0.00	49.56 -5.20 0.00	45.67 -6.11 0.00	41.95 -5.13 0.00	40.72 -2.79 0.00	37.56 -2.23 0.00
OXBOW____ 24026	36.22 -1.08 0.00	34.42 -1.14 0.00	34.70 -1.07 0.00	35.10 -0.83 0.00	35.02 -1.08 0.00	40.18 -0.69 0.00	46.89 -2.47 0.00	51.65 -3.65 0.00	51.01 -3.37 0.00	44.08 -2.76 0.00	41.91 -2.35 0.00	39.82 -2.45 0.00	40.73 -2.42 0.00	44.67 -2.06 0.00	46.95 -3.05 0.00	49.00 -3.92 0.00	51.52 -4.85 0.00	60.34 -5.32 0.00	54.42 -5.58 0.00	49.45 -5.31 0.00	45.72 -6.06 0.00	41.90 -5.18 0.00	40.72 -2.78 0.00	37.51 -2.27 0.00
OXY_CHEM_DSASP 323612	35.70 -1.60 0.00	33.95 -1.60 0.00	34.20 -1.57 0.00	34.59 -1.33 0.00	34.52 -1.59 0.00	39.57 -1.31 0.00	46.10 -3.26 0.00	50.66 -4.65 0.00	50.03 -4.35 0.00	43.24 -3.61 0.00	41.12 -3.14 0.00	39.11 -3.17 0.00	40.00 -3.15 0.00	43.83 -2.90 0.00	46.05 -3.95 0.00	48.10 -4.81 0.00	50.51 -5.86 0.00	59.16 -6.50 0.00	53.34 -6.66 0.00	48.52 -6.24 0.00	44.89 -6.89 0.00	41.15 -5.93 0.00	40.11 -3.39 0.00	37.00 -2.78 0.00
OZONE_PARK_ESR 323760	39.50 2.20 0.00	37.51 1.96 0.00	37.45 1.68 0.00	37.47 1.54 0.00	37.59 1.48 0.00	42.71 1.84 0.00	51.93 2.57 0.00	59.28 3.98 0.00	57.81 3.43 0.00	49.80 2.95 0.00	47.14 2.88 0.00	45.07 2.79 0.00	45.99 2.85 0.00	49.81 3.08 0.00	53.20 3.20 0.00	56.35 3.44 0.00	60.93 4.57 0.00	71.38 5.71 0.00	65.16 5.16 0.00	58.98 4.22 0.00	55.55 3.78 0.00	50.51 3.44 0.00	46.20 2.70 0.00	42.17 2.39 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	35.70 -1.60 0.00	33.95 -1.60 0.00	34.20 -1.57 0.00	34.59 -1.33 0.00	34.52 -1.59 0.00	39.57 -1.31 0.00	46.10 -3.26 0.00	50.66 -4.65 0.00	50.03 -4.35 0.00	43.24 -3.61 0.00	41.12 -3.14 0.00	39.11 -3.17 0.00	40.00 -3.15 0.00	43.83 -2.90 0.00	46.05 -3.95 0.00	48.10 -4.81 0.00	50.51 -5.86 0.00	59.16 -6.50 0.00	53.34 -6.66 0.00	48.52 -6.24 0.00	44.89 -6.89 0.00	41.15 -5.93 0.00	40.11 -3.39 0.00	37.00 -2.78 0.00
PACKARD__115KV_DUPONT_184 80571	35.70 -1.60 0.00	33.95 -1.60 0.00	34.20 -1.57 0.00	34.59 -1.33 0.00	34.52 -1.59 0.00	39.57 -1.31 0.00	46.10 -3.26 0.00	50.66 -4.65 0.00	50.03 -4.35 0.00	43.24 -3.61 0.00	41.12 -3.14 0.00	39.11 -3.17 0.00	40.00 -3.15 0.00	43.83 -2.90 0.00	46.05 -3.95 0.00	48.10 -4.81 0.00	50.51 -5.86 0.00	59.16 -6.50 0.00	53.34 -6.66 0.00	48.52 -6.24 0.00	44.89 -6.89 0.00	41.15 -5.93 0.00	40.11 -3.39 0.00	37.00 -2.78 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	39.35 2.05 0.00	37.40 1.85 0.00	37.31 1.54 0.00	37.25 1.33 0.00	37.41 1.30 0.00	42.22 1.35 0.00	51.38 2.02 0.00	58.67 3.37 0.00	57.16 2.77 0.00	49.23 2.39 0.00	46.61 2.35 0.00	44.56 2.28 0.00	45.47 2.33 0.00	49.25 2.52 0.00	52.60 2.60 0.00	55.77 2.86 0.00	60.31 3.95 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.38 3.61 0.00	55.09 3.31 0.00	50.04 2.97 0.00	45.77 2.26 0.00	41.89 2.11 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	39.73 2.42 0.00	37.79 2.24 0.00	37.70 1.93 0.00	37.65 1.72 0.00	37.77 1.66 0.00	42.67 1.80 0.00	51.88 2.52 0.00	59.23 3.93 0.00	57.70 3.32 0.00	49.66 2.81 0.00	47.05 2.79 0.00	44.98 2.71 0.00	45.91 2.76 0.00	49.72 2.99 0.00	53.10 3.10 0.00	56.24 3.33 0.00	60.88 4.51 0.00	71.38 5.71 0.00	65.16 5.16 0.00	58.93 4.16 0.00	55.61 3.83 0.00	50.51 3.44 0.00	46.20 2.70 0.00	42.29 2.51 0.00
PATROON__115KV_TB1 80586	37.90 0.60 0.00	36.12 0.57 0.00	36.27 0.50 0.00	36.39 0.47 0.00	36.58 0.47 0.00	41.37 0.49 0.00	50.15 0.79 0.00	56.57 1.27 0.00	55.14 0.76 0.00	47.41 0.56 0.00	44.70 0.44 0.00	42.78 0.51 0.00	43.58 0.43 0.00	47.10 0.37 0.00	50.55 0.55 0.00	53.60 0.69 0.00	57.83 1.47 0.00	67.57 1.90 0.00	61.80 1.80 0.00	56.13 1.37 0.00	52.97 1.19 0.00	48.11 1.04 0.00	44.24 0.74 0.00	40.54 0.76 0.00
PATTRSNVILLE__SOLAR 323815	38.42 1.12 0.00	36.66 1.10 0.00	36.84 1.07 0.00	36.93 1.00 0.00	37.12 1.01 0.00	42.10 1.23 0.00	50.99 1.63 0.00	57.35 2.05 0.00	55.90 1.52 0.00	47.92 1.08 0.00	45.15 0.88 0.00	43.12 0.85 0.00	43.96 0.82 0.00	47.66 0.93 0.00	51.10 1.10 0.00	54.34 1.43 0.00	58.51 2.14 0.00	68.36 2.69 0.00	62.46 2.46 0.00	56.84 2.08 0.00	53.54 1.76 0.00	48.63 1.55 0.00	44.86 1.35 0.00	41.06 1.27 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	37.04 -0.26 0.00	35.20 -0.36 0.00	35.48 -0.29 0.00	35.85 -0.07 0.00	35.86 -0.25 0.00	41.12 0.25 0.00	48.37 -0.99 0.00	53.53 -1.77 0.00	52.70 -1.69 0.00	45.53 -1.31 0.00	43.33 -0.93 0.00	41.13 -1.14 0.00	42.07 -1.08 0.00	46.17 -0.56 0.00	48.55 -1.45 0.00	50.64 -2.28 0.00	53.66 -2.71 0.00	62.84 -2.82 0.00	56.58 -3.42 0.00	51.48 -3.29 0.00	47.53 -4.25 0.00	43.45 -3.62 0.00	41.90 -1.61 0.00	38.55 -1.23 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	39.50 2.20 0.00	37.58 2.03 0.00	37.56 1.79 0.00	37.54 1.62 0.00	37.73 1.62 0.00	42.92 2.04 0.00	52.27 2.91 0.00	59.28 3.98 0.00	57.75 3.37 0.00	49.52 2.67 0.00	46.83 2.57 0.00	44.69 2.41 0.00	45.39 2.24 0.00	49.20 2.48 0.00	52.70 2.70 0.00	55.82 2.91 0.00	60.60 4.23 0.00	70.98 5.32 0.00	64.92 4.92 0.00	58.87 4.11 0.00	55.40 3.62 0.00	50.28 3.20 0.00	46.07 2.57 0.00	42.25 2.47 0.00
PEEKSKILL____ 23653	38.91 1.60 0.00	37.01 1.46 0.00	37.02 1.25 0.00	37.04 1.11 0.00	37.23 1.12 0.00	42.18 1.31 0.00	51.19 1.83 0.00	58.23 2.93 0.00	56.72 2.34 0.00	48.86 2.01 0.00	46.21 1.95 0.00	44.18 1.90 0.00	45.00 1.85 0.00	48.69 1.96 0.00	52.00 2.00 0.00	55.35 2.44 0.00	59.86 3.50 0.00	69.93 4.27 0.00	63.90 3.90 0.00	58.05 3.29 0.00	54.57 2.79 0.00	49.57 2.49 0.00	45.46 1.96 0.00	41.53 1.75 0.00

PGE MADISON___WINDPWR 24146	40.10 2.80 0.00	38.40 2.85 0.00	38.67 2.90 0.00	38.69 2.77 0.00	38.93 2.82 0.00	44.68 3.80 0.00	54.29 4.94 0.00	66.36 11.06 0.00	63.84 9.46 0.00	54.34 7.49 0.00	51.43 7.17 0.00	49.08 6.81 0.00	50.13 6.99 0.00	54.77 8.04 0.00	58.70 8.70 0.00	61.91 8.99 0.00	66.46 10.09 0.00	72.62 6.96 0.00	66.30 6.30 0.00	60.13 5.37 0.00	56.33 4.56 0.00	51.13 4.05 0.00	47.07 3.57 0.00	42.89 3.11 0.00
PIERCEFIELD___HYD 23852	37.34 0.04 0.00	35.91 0.36 0.00	36.09 0.32 0.00	36.21 0.29 0.00	36.65 0.54 0.00	42.26 1.39 0.00	52.02 2.67 0.00	58.40 3.10 0.00	57.48 3.10 0.00	48.81 1.97 0.00	46.30 2.04 0.00	44.01 1.73 0.00	45.04 1.90 0.00	49.25 2.52 0.00	53.05 3.05 0.00	56.09 3.17 0.00	59.35 2.99 0.00	69.27 3.61 0.00	63.00 3.00 0.00	57.50 2.74 0.00	54.47 2.69 0.00	49.24 2.17 0.00	45.03 1.52 0.00	40.82 1.03 0.00
PINELAWN_CC_1 323563	39.69 2.39 0.00	37.40 1.85 0.00	37.13 1.36 0.00	36.82 0.90 0.00	37.04 0.94 0.00	42.34 1.47 0.00	50.49 1.14 0.00	57.57 2.27 0.00	56.07 1.69 0.00	48.39 1.54 0.00	46.38 2.12 0.00	44.56 2.28 0.00	45.34 2.20 0.00	48.69 1.96 0.00	51.65 1.65 0.00	55.40 2.49 0.00	60.88 4.51 0.00	70.99 5.32 -0.01	64.62 4.62 0.00	58.76 4.00 0.00	55.30 3.52 0.00	50.18 3.11 0.00	46.46 2.96 0.00	41.97 2.19 0.00
PJM_GEN_HTP_PROXY 323702	39.20 1.90 0.00	37.26 1.71 0.00	37.24 1.47 0.00	37.25 1.33 0.00	37.37 1.26 0.00	42.43 1.55 0.00	51.53 2.17 0.00	58.79 3.49 0.00	57.32 2.93 0.00	49.37 2.53 0.00	46.74 2.48 0.00	44.73 2.45 0.00	45.60 2.46 0.00	49.39 2.66 0.00	52.70 2.70 0.00	56.03 3.12 0.00	60.54 4.17 0.00	70.79 5.13 0.00	64.56 4.56 0.00	58.60 3.83 0.00	55.14 3.36 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.81 2.03 0.00
PJM_GEN_KEystone 24065	37.16 0.11 0.26	35.59 0.04 0.00	35.17 -0.07 0.53	35.05 -0.04 0.84	36.00 -0.11 0.00	39.93 0.08 1.03	48.13 -0.29 0.93	55.19 -0.11 0.00	52.45 -0.49 1.44	46.52 -0.33 0.00	42.93 -0.22 1.11	41.98 -0.25 0.04	40.82 -0.26 2.07	41.53 -0.09 5.10	43.89 -0.45 5.66	46.13 -0.48 6.30	54.30 -0.22 1.84	64.25 0.07 1.48	59.76 -0.24 0.00	54.38 -0.38 0.00	50.74 -1.04 0.00	46.28 -0.80 0.00	43.20 -0.30 0.00	39.66 -0.12 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.24 1.94 0.00	37.01 1.46 0.00	36.81 1.04 0.00	36.82 0.90 0.00	37.01 0.90 0.00	42.26 1.39 0.00	50.44 1.08 0.00	57.51 2.21 0.00	56.07 1.69 0.00	48.39 1.54 0.00	46.30 2.04 0.00	44.47 2.20 0.00	45.26 2.11 0.00	48.60 1.87 0.00	51.65 1.65 0.00	55.29 2.38 0.00	60.54 4.17 0.00	70.80 5.13 -0.01	64.50 4.50 0.00	58.49 3.73 0.00	55.04 3.26 0.00	49.95 2.87 0.00	45.94 2.43 0.00	41.57 1.79 0.00
PJM_GEN_VFT_PROXY 323633	38.94 1.64 0.00	37.01 1.46 0.00	36.99 1.22 0.00	36.97 1.04 0.00	37.12 1.01 0.00	42.14 1.27 0.00	51.23 1.88 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.09 2.25 0.00	46.47 2.21 0.00	44.47 2.20 0.00	45.39 2.24 0.00	49.11 2.38 0.00	52.45 2.45 0.00	55.77 2.86 0.00	60.20 3.83 0.00	70.39 4.73 0.00	64.26 4.26 0.00	58.27 3.51 0.00	54.88 3.11 0.00	49.85 2.78 0.00	45.59 2.09 0.00	41.57 1.79 0.00
PLATSBURG_115KV_PMLD1 355749	37.15 -0.15 0.00	35.59 0.04 0.00	35.84 0.07 0.00	36.10 0.18 0.00	36.58 0.47 0.00	41.69 0.82 0.00	50.69 1.33 0.00	56.07 0.77 0.00	55.85 1.47 0.00	47.97 1.12 0.00	45.46 1.20 0.00	43.21 0.93 0.00	44.18 1.04 0.00	48.17 1.45 0.00	51.85 1.85 0.00	55.03 2.12 0.00	57.27 0.90 0.00	66.65 0.98 0.00	60.72 0.72 0.00	56.41 1.64 0.00	53.85 2.07 0.00	48.72 1.65 0.00	44.98 1.48 0.00	40.82 1.03 0.00
PLEASANTVLY___LBMP 24000	38.83 1.53 0.00	36.94 1.39 0.00	36.99 1.22 0.00	37.04 1.11 0.00	37.19 1.08 0.00	42.14 1.27 0.00	51.04 1.68 0.00	58.07 2.77 0.00	56.50 2.12 0.00	48.63 1.78 0.00	45.99 1.73 0.00	43.97 1.69 0.00	44.83 1.68 0.00	48.46 1.73 0.00	51.80 1.80 0.00	54.92 2.01 0.00	59.52 3.16 0.00	69.60 3.94 0.00	63.66 3.66 0.00	57.72 2.96 0.00	54.36 2.59 0.00	49.38 2.31 0.00	45.33 1.83 0.00	41.45 1.67 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.09 1.79 0.00	37.15 1.60 0.00	37.16 1.40 0.00	37.18 1.26 0.00	37.34 1.23 0.00	42.35 1.47 0.00	51.38 2.02 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.38 2.12 0.00	44.35 2.07 0.00	45.22 2.07 0.00	48.88 2.15 0.00	52.30 2.30 0.00	55.45 2.54 0.00	60.03 3.66 0.00	70.33 4.66 0.00	64.20 4.20 0.00	58.21 3.45 0.00	54.78 3.00 0.00	49.76 2.68 0.00	45.64 2.13 0.00	41.73 1.95 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.09 1.79 0.00	37.15 1.60 0.00	37.16 1.40 0.00	37.18 1.26 0.00	37.34 1.23 0.00	42.35 1.47 0.00	51.38 2.02 0.00	58.45 3.15 0.00	56.99 2.61 0.00	49.05 2.20 0.00	46.38 2.12 0.00	44.35 2.07 0.00	45.22 2.07 0.00	48.88 2.15 0.00	52.30 2.30 0.00	55.45 2.54 0.00	60.03 3.66 0.00	70.33 4.66 0.00	64.20 4.20 0.00	58.21 3.45 0.00	54.78 3.00 0.00	49.76 2.68 0.00	45.64 2.13 0.00	41.73 1.95 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.24 1.94 0.00	37.33 1.78 0.00	37.34 1.57 0.00	37.43 1.51 0.00	37.59 1.48 0.00	42.67 1.80 0.00	51.68 2.32 0.00	58.62 3.32 0.00	57.05 2.66 0.00	49.05 2.20 0.00	46.34 2.08 0.00	44.26 1.99 0.00	45.09 1.94 0.00	48.78 2.06 0.00	52.20 2.20 0.00	55.45 2.54 0.00	60.09 3.72 0.00	70.39 4.73 0.00	64.38 4.38 0.00	58.32 3.56 0.00	54.88 3.11 0.00	49.85 2.78 0.00	45.68 2.18 0.00	41.93 2.15 0.00
POLETTI___ 23519	38.30 1.79 0.80	37.12 1.56 0.00	37.09 1.32 0.00	37.11 1.19 0.00	37.23 1.12 0.00	37.48 1.39 4.79	37.48 2.02 13.90	55.55 3.32 3.07	52.79 2.77 4.36	42.31 2.39 6.92	39.48 2.35 7.12	40.30 2.33 4.30	40.26 2.33 5.21	41.27 2.52 7.98	43.05 2.60 9.55	43.80 2.80 11.92	45.17 3.89 15.09	54.96 4.92 15.63	48.80 4.44 15.64	42.67 3.56 15.65	40.27 3.16 14.66	46.32 2.87 3.63	40.48 2.18 5.20	37.52 1.95 4.21
POMONA___ESR 323819	38.80 1.49 0.00	36.94 1.39 0.00	36.95 1.18 0.00	37.00 1.08 0.00	37.16 1.05 0.00	42.10 1.23 0.00	50.99 1.63 0.00	58.06 2.76 0.00	56.56 2.18 0.00	48.67 1.83 0.00	46.03 1.77 0.00	44.01 1.73 0.00	44.87 1.73 0.00	48.55 1.82 0.00	51.85 1.85 0.00	55.18 2.27 0.00	59.64 3.27 0.00	69.67 4.01 0.00	63.66 3.66 0.00	57.83 3.06 0.00	54.36 2.59 0.00	49.43 2.35 0.00	45.29 1.78 0.00	41.45 1.67 0.00
PORT_JEFF_3 23555	39.84 2.54 0.00	37.47 1.92 0.00	37.16 1.39 0.00	37.21 1.29 0.00	37.44 1.34 0.00	42.76 1.88 0.00	50.94 1.58 0.00	58.17 2.87 0.00	56.67 2.28 0.00	48.77 1.92 0.00	46.69 2.43 0.00	44.86 2.58 0.00	45.65 2.50 0.00	48.88 2.15 0.00	52.00 2.00 0.00	55.87 2.96 0.00	61.66 5.30 0.00	71.78 6.11 -0.01	65.46 5.46 0.00	59.58 4.82 0.00	56.07 4.29 0.00	50.61 3.53 0.00	46.38 2.87 0.00	41.85 2.07 0.00

PORT_JEFF_4 23616	39.84 2.54 0.00	37.47 1.92 0.00	37.16 1.39 0.00	37.21 1.29 0.00	37.44 1.34 0.00	42.76 1.88 0.00	50.94 1.58 0.00	58.17 2.87 0.00	56.67 2.28 0.00	48.77 1.92 0.00	46.69 2.43 0.00	44.86 2.58 0.00	45.65 2.50 0.00	48.88 2.15 0.00	52.00 2.00 0.00	55.87 2.96 0.00	61.66 5.30 0.00	71.78 6.11 -0.01	65.46 5.46 0.00	59.58 4.82 0.00	56.07 4.29 0.00	50.61 3.53 0.00	46.38 2.87 0.00	41.85 2.07 0.00
PORT_JEFF_IC 23713	40.14 2.84 0.00	37.47 1.92 0.00	37.16 1.40 0.00	37.22 1.29 0.00	37.48 1.37 0.00	42.80 1.92 0.00	50.94 1.58 0.00	58.29 2.99 0.00	56.67 2.28 0.00	48.81 1.97 0.00	46.74 2.48 0.00	44.94 2.66 0.00	45.69 2.55 0.00	48.88 2.15 0.00	52.20 2.20 0.00	55.45 2.54 0.00	61.55 5.19 0.00	72.04 6.37 -0.01	65.40 5.40 0.00	59.53 4.76 0.00	55.61 3.83 0.00	50.18 3.11 0.00	46.38 2.87 0.00	41.89 2.11 0.00
PPL_PILGRIM_ST_GT1 24216	39.99 2.69 0.00	37.61 2.06 0.00	37.34 1.57 0.00	37.36 1.44 0.00	37.62 1.52 0.00	42.96 2.08 0.00	51.23 1.88 0.00	58.51 3.21 0.00	56.99 2.61 0.00	49.05 2.20 0.00	47.00 2.75 0.00	45.19 2.91 0.00	45.99 2.85 0.00	49.34 2.62 0.00	52.45 2.45 0.00	56.30 3.39 0.00	62.00 5.64 0.00	72.50 6.83 -0.01	66.06 6.06 0.00	59.86 5.09 0.00	56.33 4.56 0.00	50.94 3.86 0.00	46.77 3.26 0.00	42.21 2.43 0.00
PPL_PILGRIM_ST_GT2 24217	39.99 2.69 0.00	37.61 2.06 0.00	37.34 1.57 0.00	37.36 1.44 0.00	37.62 1.52 0.00	42.96 2.08 0.00	51.23 1.88 0.00	58.51 3.21 0.00	56.99 2.61 0.00	49.05 2.20 0.00	47.00 2.75 0.00	45.19 2.91 0.00	45.99 2.85 0.00	49.34 2.62 0.00	52.45 2.45 0.00	56.30 3.39 0.00	62.00 5.64 0.00	72.50 6.83 -0.01	66.06 6.06 0.00	59.86 5.09 0.00	56.33 4.56 0.00	50.94 3.86 0.00	46.77 3.26 0.00	42.21 2.43 0.00
PPL_SHRM_GT3 24213	39.62 2.31 0.00	37.22 1.67 0.00	36.91 1.14 0.00	37.00 1.08 0.00	37.26 1.16 0.00	42.59 1.72 0.00	50.69 1.33 0.00	58.01 2.71 0.00	56.50 2.12 0.00	48.48 1.64 0.00	46.20 1.95 0.00	44.22 1.95 0.00	45.13 1.99 0.00	48.03 1.31 0.00	51.15 1.15 0.00	55.03 2.12 0.00	61.27 4.90 0.00	71.71 6.04 -0.01	65.64 5.64 0.00	59.47 4.71 0.00	55.92 4.14 0.00	50.09 3.02 0.00	45.55 2.05 0.00	41.33 1.55 0.00
PPL_SHRM_GT4 24214	39.62 2.31 0.00	37.22 1.67 0.00	36.91 1.14 0.00	37.00 1.08 0.00	37.26 1.16 0.00	42.59 1.72 0.00	50.69 1.33 0.00	58.01 2.71 0.00	56.50 2.12 0.00	48.48 1.64 0.00	46.20 1.95 0.00	44.22 1.95 0.00	45.13 1.99 0.00	48.03 1.31 0.00	51.15 1.15 0.00	55.03 2.12 0.00	61.27 4.90 0.00	71.71 6.04 -0.01	65.64 5.64 0.00	59.47 4.71 0.00	55.92 4.14 0.00	50.09 3.02 0.00	45.55 2.05 0.00	41.33 1.55 0.00
PROJECT___ORANGE 1 24174	36.78 -0.52 0.00	35.02 -0.53 0.00	35.23 -0.54 0.00	35.42 -0.50 0.00	35.57 -0.54 0.00	40.43 -0.45 0.00	48.77 -0.59 0.00	54.91 -0.39 0.00	53.78 -0.60 0.00	46.33 -0.52 0.00	43.77 -0.49 0.00	41.81 -0.47 0.00	42.67 -0.47 0.00	46.31 -0.42 0.00	49.40 -0.60 0.00	52.17 -0.74 0.00	55.75 -0.62 0.00	64.94 -0.72 0.00	59.28 -0.72 0.00	53.83 -0.93 0.00	50.64 -1.14 0.00	46.09 -0.99 0.00	42.77 -0.74 0.00	39.15 -0.64 0.00
PROJECT___ORANGE 2 24166	36.78 -0.52 0.00	35.02 -0.53 0.00	35.23 -0.54 0.00	35.42 -0.50 0.00	35.57 -0.54 0.00	40.43 -0.45 0.00	48.77 -0.59 0.00	54.91 -0.39 0.00	53.78 -0.60 0.00	46.33 -0.52 0.00	43.77 -0.49 0.00	41.81 -0.47 0.00	42.67 -0.47 0.00	46.31 -0.42 0.00	49.40 -0.60 0.00	52.17 -0.74 0.00	55.75 -0.62 0.00	64.94 -0.72 0.00	59.28 -0.72 0.00	53.83 -0.93 0.00	50.64 -1.14 0.00	46.09 -0.99 0.00	42.77 -0.74 0.00	39.15 -0.64 0.00
PUCKETT___SOLAR 323809	38.24 0.93 0.00	36.41 0.85 0.00	36.70 0.93 0.00	36.86 0.93 0.00	37.01 0.90 0.00	42.10 1.23 0.00	50.84 1.48 0.00	57.85 2.55 0.00	56.34 1.95 0.00	48.39 1.54 0.00	45.72 1.46 0.00	43.59 1.31 0.00	44.53 1.38 0.00	48.41 1.68 0.00	51.75 1.75 0.00	54.81 1.90 0.00	58.51 2.14 0.00	67.76 2.10 0.00	61.80 1.80 0.00	56.19 1.42 0.00	52.65 0.88 0.00	47.88 0.80 0.00	44.42 0.92 0.00	40.62 0.84 0.00
PYRITES___HYD 24023	38.24 0.93 0.00	36.87 1.32 0.00	37.06 1.29 0.00	37.07 1.15 0.00	37.52 1.41 0.00	43.41 2.53 0.00	53.55 4.20 0.00	60.28 4.98 0.00	59.22 4.84 0.00	50.17 3.33 0.00	47.58 3.32 0.00	45.19 2.92 0.00	46.29 3.15 0.00	50.60 3.88 0.00	54.55 4.55 0.00	57.57 4.66 0.00	61.05 4.68 0.00	71.31 5.65 0.00	64.92 4.92 0.00	59.14 4.38 0.00	56.02 4.25 0.00	50.61 3.53 0.00	46.20 2.70 0.00	41.85 2.07 0.00
QUAKERRD_115KV_BK1 80622	35.77 -1.53 0.00	34.10 -1.46 0.00	34.30 -1.47 0.00	34.63 -1.29 0.00	34.66 -1.44 0.00	39.49 -1.39 0.00	47.09 -2.27 0.00	52.76 -2.54 0.00	51.83 -2.56 0.00	44.74 -2.11 0.00	42.36 -1.90 0.00	40.33 -1.94 0.00	41.25 -1.90 0.00	44.90 -1.82 0.00	47.65 -2.35 0.00	50.21 -2.70 0.00	53.27 -3.10 0.00	62.25 -3.41 0.00	56.58 -3.42 0.00	51.48 -3.29 0.00	48.00 -3.78 0.00	43.73 -3.34 0.00	41.24 -2.26 0.00	37.79 -1.99 0.00
QUENSBRY_115KV_TB8 356137	38.38 1.08 0.00	36.76 1.21 0.00	36.81 1.04 0.00	36.82 0.90 0.00	37.01 0.90 0.00	42.14 1.27 0.00	51.38 2.02 0.00	57.73 2.43 0.00	56.18 1.79 0.00	48.06 1.22 0.00	45.15 0.89 0.00	43.25 0.97 0.00	44.01 0.86 0.00	47.85 1.12 0.00	51.45 1.45 0.00	54.60 1.69 0.00	59.02 2.65 0.00	69.21 3.55 0.00	63.18 3.18 0.00	57.34 2.57 0.00	53.95 2.17 0.00	48.91 1.84 0.00	44.90 1.39 0.00	41.17 1.39 0.00
RAMAPO___LBMP 323565	38.72 1.42 0.00	36.83 1.28 0.00	36.84 1.07 0.00	36.89 0.97 0.00	37.05 0.94 0.00	41.98 1.10 0.00	50.89 1.53 0.00	57.90 2.60 0.00	56.39 2.01 0.00	48.58 1.73 0.00	45.94 1.68 0.00	43.92 1.65 0.00	44.78 1.64 0.00	48.41 1.68 0.00	51.75 1.75 0.00	54.87 1.96 0.00	59.35 2.99 0.00	69.47 3.81 0.00	63.48 3.48 0.00	57.61 2.85 0.00	54.21 2.43 0.00	49.29 2.21 0.00	45.20 1.70 0.00	41.33 1.55 0.00
RANKINE____ 23646	36.82 -0.48 0.00	35.02 -0.53 0.00	35.27 -0.50 0.00	35.67 -0.25 0.00	35.64 -0.47 0.00	40.87 0.00 0.00	47.98 -1.38 0.00	53.03 -2.27 0.00	52.26 -2.12 0.00	45.16 -1.69 0.00	42.98 -1.28 0.00	40.84 -1.44 0.00	41.76 -1.38 0.00	45.84 -0.89 0.00	48.15 -1.85 0.00	50.26 -2.65 0.00	52.99 -3.38 0.00	62.05 -3.61 0.00	55.86 -4.14 0.00	50.77 -4.00 0.00	46.91 -4.87 0.00	42.89 -4.19 0.00	41.50 -2.00 0.00	38.19 -1.59 0.00
RAVENSWOOD_GT2_1 24244	39.21 1.90 0.00	37.26 1.71 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.32 2.94 0.00	49.33 2.48 0.00	46.69 2.43 0.00	44.69 2.41 0.00	45.56 2.42 0.00	49.34 2.62 0.00	52.70 2.70 0.00	55.82 2.91 0.00	60.37 4.00 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.43 3.67 0.00	55.04 3.26 0.00	50.04 2.97 0.00	45.81 2.31 0.00	41.85 2.07 0.00

RAVENSWOOD_GT2_2 24245	39.21 1.90 0.00	37.26 1.71 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.32 2.94 0.00	49.33 2.48 0.00	46.69 2.43 0.00	44.69 2.41 0.00	45.56 2.42 0.00	49.34 2.62 0.00	52.70 2.70 0.00	55.82 2.91 0.00	60.37 4.00 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.43 3.67 0.00	55.04 3.26 0.00	50.04 2.97 0.00	45.81 2.31 0.00	41.85 2.07 0.00
RAVENSWOOD_GT2_3 24246	39.24 1.94 0.00	37.26 1.71 0.00	37.24 1.47 0.00	37.25 1.33 0.00	37.37 1.26 0.00	42.43 1.55 0.00	51.53 2.17 0.00	58.78 3.48 0.00	57.32 2.94 0.00	49.37 2.53 0.00	46.74 2.48 0.00	44.69 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.70 2.70 0.00	55.82 2.91 0.00	60.43 4.06 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.49 3.72 0.00	55.09 3.31 0.00	50.09 3.01 0.00	45.81 2.31 0.00	41.85 2.07 0.00
RAVENSWOOD_GT2_4 24247	39.24 1.94 0.00	37.26 1.71 0.00	37.24 1.47 0.00	37.25 1.33 0.00	37.37 1.26 0.00	42.43 1.55 0.00	51.53 2.17 0.00	58.78 3.48 0.00	57.32 2.94 0.00	49.37 2.53 0.00	46.74 2.48 0.00	44.69 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.70 2.70 0.00	55.82 2.91 0.00	60.43 4.06 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.49 3.72 0.00	55.09 3.31 0.00	50.09 3.01 0.00	45.81 2.31 0.00	41.85 2.07 0.00
RAVENSWOOD_GT3_1 24248	39.21 1.90 0.00	37.26 1.71 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.78 3.48 0.00	57.32 2.94 0.00	49.33 2.48 0.00	46.69 2.43 0.00	44.69 2.41 0.00	45.56 2.42 0.00	49.34 2.62 0.00	52.70 2.70 0.00	55.82 2.91 0.00	60.37 4.00 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.49 3.72 0.00	55.09 3.31 0.00	50.04 2.97 0.00	45.81 2.31 0.00	41.85 2.07 0.00
RAVENSWOOD_GT3_2 24249	39.21 1.90 0.00	37.26 1.71 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.78 3.48 0.00	57.32 2.94 0.00	49.33 2.48 0.00	46.69 2.43 0.00	44.69 2.41 0.00	45.56 2.42 0.00	49.34 2.62 0.00	52.70 2.70 0.00	55.82 2.91 0.00	60.37 4.00 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.49 3.72 0.00	55.09 3.31 0.00	50.04 2.97 0.00	45.81 2.31 0.00	41.85 2.07 0.00
RAVENSWOOD_GT3_3 24250	39.24 1.94 0.00	37.30 1.74 0.00	37.27 1.50 0.00	37.25 1.33 0.00	37.41 1.30 0.00	42.43 1.55 0.00	51.58 2.22 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.58 0.00	46.78 2.52 0.00	44.73 2.45 0.00	45.65 2.50 0.00	49.39 2.66 0.00	52.80 2.80 0.00	55.87 2.96 0.00	60.48 4.11 0.00	70.78 5.12 0.00	64.62 4.62 0.00	58.54 3.78 0.00	55.14 3.37 0.00	50.09 3.01 0.00	45.85 2.35 0.00	41.89 2.11 0.00
RAVENSWOOD_GT3_4 24251	39.24 1.94 0.00	37.30 1.74 0.00	37.27 1.50 0.00	37.25 1.33 0.00	37.41 1.30 0.00	42.43 1.55 0.00	51.58 2.22 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.58 0.00	46.78 2.52 0.00	44.73 2.45 0.00	45.65 2.50 0.00	49.39 2.66 0.00	52.80 2.80 0.00	55.87 2.96 0.00	60.48 4.11 0.00	70.78 5.12 0.00	64.62 4.62 0.00	58.54 3.78 0.00	55.14 3.37 0.00	50.09 3.01 0.00	45.85 2.35 0.00	41.89 2.11 0.00
RAVENSWOOD_GT_1 23729	39.36 2.05 0.00	37.40 1.85 0.00	37.34 1.57 0.00	37.36 1.44 0.00	37.48 1.37 0.00	42.47 1.59 0.00	51.63 2.27 0.00	58.95 3.65 0.00	57.48 3.10 0.00	49.52 2.67 0.00	46.87 2.61 0.00	44.86 2.58 0.00	45.73 2.59 0.00	49.53 2.80 0.00	52.90 2.90 0.00	56.03 3.12 0.00	60.60 4.23 0.00	70.98 5.32 0.00	64.74 4.74 0.00	58.60 3.83 0.00	55.25 3.47 0.00	50.19 3.11 0.00	45.94 2.44 0.00	41.97 2.19 0.00
RAVENSWOOD_GT_10 24258	39.21 1.90 0.00	37.26 1.71 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.32 2.94 0.00	49.33 2.48 0.00	46.69 2.43 0.00	44.69 2.41 0.00	45.56 2.42 0.00	49.34 2.62 0.00	52.70 2.70 0.00	55.82 2.91 0.00	60.37 4.00 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.49 3.72 0.00	55.04 3.26 0.00	50.04 2.97 0.00	45.81 2.31 0.00	41.85 2.07 0.00
RAVENSWOOD_GT_11 24259	39.21 1.90 0.00	37.26 1.71 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.32 2.94 0.00	49.33 2.48 0.00	46.69 2.43 0.00	44.69 2.41 0.00	45.56 2.42 0.00	49.34 2.62 0.00	52.70 2.70 0.00	55.82 2.91 0.00	60.37 4.00 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.49 3.72 0.00	55.04 3.26 0.00	50.04 2.97 0.00	45.81 2.31 0.00	41.85 2.07 0.00
RAVENSWOOD_GT_4 24252	39.21 1.90 0.00	37.23 1.67 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.26 2.88 0.00	49.33 2.48 0.00	46.70 2.43 0.00	44.64 2.37 0.00	45.56 2.42 0.00	49.30 2.57 0.00	52.70 2.70 0.00	55.77 2.86 0.00	60.37 4.00 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.43 3.67 0.00	55.04 3.26 0.00	50.04 2.97 0.00	45.81 2.31 0.00	41.81 2.03 0.00
RAVENSWOOD_GT_5 24254	39.21 1.90 0.00	37.23 1.67 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.26 2.88 0.00	49.33 2.48 0.00	46.70 2.43 0.00	44.64 2.37 0.00	45.56 2.42 0.00	49.30 2.57 0.00	52.70 2.70 0.00	55.77 2.86 0.00	60.37 4.00 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.43 3.67 0.00	55.04 3.26 0.00	50.04 2.97 0.00	45.81 2.31 0.00	41.81 2.03 0.00
RAVENSWOOD_GT_6 24253	39.21 1.90 0.00	37.23 1.67 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.26 2.88 0.00	49.33 2.48 0.00	46.70 2.43 0.00	44.64 2.37 0.00	45.56 2.42 0.00	49.30 2.57 0.00	52.70 2.70 0.00	55.77 2.86 0.00	60.37 4.00 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.43 3.67 0.00	55.04 3.26 0.00	50.04 2.97 0.00	45.81 2.31 0.00	41.81 2.03 0.00
RAVENSWOOD_GT_7 24255	39.21 1.90 0.00	37.23 1.67 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.26 2.88 0.00	49.33 2.48 0.00	46.70 2.43 0.00	44.64 2.37 0.00	45.56 2.42 0.00	49.30 2.57 0.00	52.70 2.70 0.00	55.77 2.86 0.00	60.37 4.00 0.00	70.65 4.99 0.00	64.50 4.50 0.00	58.43 3.67 0.00	55.04 3.26 0.00	50.04 2.97 0.00	45.81 2.31 0.00	41.81 2.03 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.21 1.90 0.00	37.26 1.71 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.32 2.94 0.00	49.33 2.48 0.00	46.69 2.43 0.00	44.69 2.41 0.00	45.56 2.42 0.00	49.34 2.62 0.00	52.70 2.70 0.00	55.82 2.91 0.00	60.37 4.00 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.49 3.72 0.00	55.04 3.26 0.00	50.04 2.97 0.00	45.81 2.31 0.00	41.85 2.07 0.00

RAVENSWOOD_GT_9 24257	39.21 1.90 0.00	37.26 1.71 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.32 2.94 0.00	49.33 2.48 0.00	46.69 2.43 0.00	44.69 2.41 0.00	45.56 2.42 0.00	49.34 2.62 0.00	52.70 2.70 0.00	55.82 2.91 0.00	60.37 4.00 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.49 3.72 0.00	55.04 3.26 0.00	50.04 2.97 0.00	45.81 2.31 0.00	41.85 2.07 0.00
RAVENSWOOD____1 23533	39.32 2.01 0.00	37.37 1.81 0.00	37.34 1.57 0.00	37.32 1.40 0.00	37.44 1.34 0.00	42.43 1.55 0.00	51.58 2.22 0.00	58.89 3.59 0.00	57.43 3.04 0.00	49.47 2.62 0.00	46.83 2.57 0.00	44.81 2.54 0.00	45.69 2.54 0.00	49.48 2.76 0.00	52.80 2.80 0.00	56.19 3.28 0.00	60.71 4.34 0.00	70.92 5.26 0.00	64.74 4.74 0.00	58.71 3.95 0.00	55.24 3.47 0.00	50.18 3.11 0.00	45.90 2.39 0.00	41.93 2.15 0.00
RAVENSWOOD____2 23534	39.32 2.01 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.29 1.36 0.00	37.44 1.34 0.00	42.43 1.55 0.00	51.58 2.22 0.00	58.84 3.54 0.00	57.43 3.04 0.00	49.47 2.62 0.00	46.83 2.57 0.00	44.77 2.49 0.00	45.69 2.54 0.00	49.48 2.76 0.00	52.80 2.80 0.00	56.14 3.23 0.00	60.71 4.34 0.00	70.92 5.26 0.00	64.74 4.74 0.00	58.71 3.95 0.00	55.24 3.47 0.00	50.18 3.11 0.00	45.90 2.39 0.00	41.89 2.11 0.00
RAVENSWOOD____3 23535	39.17 1.86 0.00	37.26 1.71 0.00	37.20 1.43 0.00	37.21 1.29 0.00	37.37 1.26 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.73 3.43 0.00	57.32 2.93 0.00	49.33 2.48 0.00	46.69 2.43 0.00	44.68 2.41 0.00	45.56 2.41 0.00	49.34 2.62 0.00	52.65 2.65 0.00	56.03 3.12 0.00	60.48 4.11 0.00	70.72 5.06 0.00	64.56 4.56 0.00	58.54 3.78 0.00	55.09 3.32 0.00	50.09 3.02 0.00	45.81 2.30 0.00	41.81 2.03 0.00
RAVENSWOOD____4 23820	39.28 1.98 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.29 1.36 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.42 2.57 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.69 2.54 0.00	49.43 2.71 0.00	52.80 2.80 0.00	56.14 3.23 0.00	60.65 4.28 0.00	70.92 5.26 0.00	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.18 3.11 0.00	45.85 2.35 0.00	41.89 2.11 0.00
RCPL_TRUST____DRP 24196	39.28 1.98 0.00	37.33 1.78 0.00	37.31 1.54 0.00	37.29 1.37 0.00	37.44 1.34 0.00	42.51 1.63 0.00	51.68 2.32 0.00	58.95 3.65 0.00	57.48 3.10 0.00	49.52 2.67 0.00	46.87 2.61 0.00	44.86 2.58 0.00	45.73 2.59 0.00	49.53 2.80 0.00	52.90 2.90 0.00	56.03 3.12 0.00	60.60 4.23 0.00	70.98 5.32 0.00	64.74 4.74 0.00	58.65 3.89 0.00	55.19 3.42 0.00	50.18 3.11 0.00	45.94 2.44 0.00	41.93 2.15 0.00
RED____ROCHESTER 323720	36.74 -0.56 0.00	34.95 -0.60 0.00	35.20 -0.57 0.00	35.53 -0.39 0.00	35.53 -0.58 0.00	40.55 -0.33 0.00	48.23 -1.13 0.00	54.03 -1.27 0.00	53.08 -1.31 0.00	45.91 -0.94 0.00	43.46 -0.80 0.00	41.35 -0.93 0.00	42.32 -0.82 0.00	46.12 -0.61 0.00	49.00 -1.00 0.00	51.59 -1.32 0.00	54.51 -1.86 0.00	63.89 -1.77 0.00	57.96 -2.04 0.00	52.74 -2.03 0.00	48.98 -2.80 0.00	44.68 -2.40 0.00	42.24 -1.26 0.00	38.75 -1.03 0.00
REGAN____SOLAR 323812	39.58 2.28 0.00	37.90 2.35 0.00	38.02 2.25 0.00	38.04 2.12 0.00	38.24 2.13 0.00	43.61 2.74 0.00	53.01 3.65 0.00	59.45 4.15 0.00	57.75 3.37 0.00	49.19 2.34 0.00	46.25 1.99 0.00	44.18 1.90 0.00	44.96 1.81 0.00	48.97 2.24 0.00	52.60 2.60 0.00	55.92 3.01 0.00	60.37 4.00 0.00	70.79 5.13 0.00	64.62 4.62 0.00	58.76 4.00 0.00	55.24 3.47 0.00	50.14 3.06 0.00	46.25 2.74 0.00	42.33 2.55 0.00
RENSSELAER____COGEN 23796	37.79 0.48 0.00	35.98 0.43 0.00	36.16 0.39 0.00	36.28 0.36 0.00	36.43 0.32 0.00	41.20 0.33 0.00	49.90 0.54 0.00	56.35 1.05 0.00	54.93 0.54 0.00	47.18 0.33 0.00	44.48 0.22 0.00	42.57 0.30 0.00	43.41 0.26 0.00	46.87 0.14 0.00	50.25 0.25 0.00	53.44 0.53 0.00	57.61 1.24 0.00	67.24 1.57 0.00	61.50 1.50 0.00	55.97 1.20 0.00	52.71 0.93 0.00	47.88 0.80 0.00	44.07 0.56 0.00	40.38 0.60 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.47 2.16 0.00	37.90 2.35 0.00	37.84 2.07 0.00	37.83 1.90 0.00	37.99 1.88 0.00	43.49 2.62 0.00	53.26 3.90 0.00	59.72 4.42 0.00	58.08 3.70 0.00	49.56 2.72 0.00	46.47 2.21 0.00	44.52 2.24 0.00	45.26 2.11 0.00	49.44 2.71 0.00	53.20 3.20 0.00	56.46 3.55 0.00	61.05 4.68 0.00	71.70 6.04 0.00	65.34 5.34 0.00	59.20 4.44 0.00	55.61 3.83 0.00	50.42 3.34 0.00	46.20 2.70 0.00	42.41 2.63 0.00
REVERE_CPPR_DRP 24186	38.31 1.01 0.00	36.66 1.10 0.00	36.88 1.11 0.00	36.93 1.01 0.00	37.16 1.05 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.18 2.88 0.00	56.94 2.56 0.00	48.77 1.92 0.00	46.16 1.90 0.00	44.05 1.78 0.00	45.00 1.86 0.00	48.92 2.20 0.00	52.30 2.30 0.00	55.24 2.33 0.00	59.02 2.65 0.00	68.88 3.22 0.00	62.82 2.82 0.00	57.06 2.30 0.00	53.69 1.92 0.00	48.72 1.65 0.00	44.85 1.35 0.00	40.98 1.19 0.00
REYNOLDS_115KV_TB3 80639	38.12 0.82 0.00	36.30 0.75 0.00	36.49 0.72 0.00	36.61 0.68 0.00	36.79 0.69 0.00	41.61 0.74 0.00	50.40 1.04 0.00	56.90 1.60 0.00	55.41 1.03 0.00	47.64 0.80 0.00	44.88 0.62 0.00	42.95 0.68 0.00	43.79 0.65 0.00	47.24 0.51 0.00	50.65 0.65 0.00	53.81 0.90 0.00	58.11 1.75 0.00	67.90 2.23 0.00	62.16 2.16 0.00	56.46 1.70 0.00	53.28 1.50 0.00	48.40 1.32 0.00	44.51 1.00 0.00	40.82 1.03 0.00
RIVERBAY____ 323610	39.73 2.42 0.00	37.79 2.24 0.00	37.70 1.93 0.00	37.65 1.72 0.00	37.77 1.66 0.00	42.67 1.80 0.00	51.88 2.52 0.00	59.23 3.93 0.00	57.70 3.32 0.00	49.66 2.81 0.00	47.05 2.79 0.00	44.98 2.71 0.00	45.91 2.76 0.00	49.72 2.99 0.00	53.10 3.10 0.00	56.24 3.33 0.00	60.88 4.51 0.00	71.38 5.71 0.00	65.16 5.16 0.00	58.93 4.16 0.00	55.61 3.83 0.00	50.51 3.44 0.00	46.20 2.70 0.00	42.29 2.51 0.00
RIVERSDE_115KV_TB3 55908	37.97 0.67 0.00	36.16 0.60 0.00	36.34 0.57 0.00	36.43 0.50 0.00	36.61 0.51 0.00	41.41 0.53 0.00	50.20 0.84 0.00	56.63 1.33 0.00	55.20 0.82 0.00	47.45 0.61 0.00	44.75 0.49 0.00	42.78 0.51 0.00	43.62 0.47 0.00	47.10 0.37 0.00	50.50 0.50 0.00	53.60 0.69 0.00	57.89 1.52 0.00	67.63 1.97 0.00	61.86 1.86 0.00	56.24 1.48 0.00	53.02 1.24 0.00	48.16 1.08 0.00	44.33 0.83 0.00	40.62 0.84 0.00
ROARING____BROOK_WT_PWR 323790	36.97 -0.34 0.00	35.27 -0.29 0.00	35.52 -0.25 0.00	35.71 -0.21 0.00	35.96 -0.14 0.00	40.71 -0.16 0.00	49.11 -0.25 0.00	54.92 -0.38 0.00	54.11 -0.27 0.00	46.61 -0.23 0.00	44.08 -0.18 0.00	42.07 -0.21 0.00	42.97 -0.17 0.00	46.59 -0.14 0.00	49.95 -0.05 0.00	52.80 -0.11 0.00	56.14 -0.22 0.00	65.34 -0.33 0.00	59.64 -0.36 0.00	54.60 -0.16 0.00	51.78 0.00 0.00	47.03 -0.05 0.00	43.33 -0.17 0.00	39.51 -0.28 0.00

ROCHESRG_115KV_T4 355643	36.37 -0.93 0.00	34.63 -0.92 0.00	34.84 -0.93 0.00	35.17 -0.75 0.00	35.21 -0.90 0.00	40.14 -0.74 0.00	47.73 -1.63 0.00	53.25 -2.05 0.00	52.42 -1.96 0.00	45.30 -1.55 0.00	42.89 -1.37 0.00	40.80 -1.48 0.00	41.76 -1.38 0.00	45.51 -1.21 0.00	48.20 -1.80 0.00	50.69 -2.22 0.00	53.66 -2.71 0.00	62.77 -2.89 0.00	57.00 -3.00 0.00	51.86 -2.90 0.00	48.31 -3.47 0.00	44.06 -3.01 0.00	41.76 -1.74 0.00	38.31 -1.47 0.00
ROCHESTER_9_IC 23652	36.56 -0.75 0.00	34.81 -0.75 0.00	35.02 -0.75 0.00	35.38 -0.54 0.00	35.39 -0.72 0.00	40.38 -0.49 0.00	47.98 -1.38 0.00	53.64 -1.66 0.00	52.80 -1.58 0.00	45.63 -1.22 0.00	43.20 -1.06 0.00	41.09 -1.18 0.00	42.07 -1.08 0.00	45.84 -0.89 0.00	48.55 -1.45 0.00	51.06 -1.85 0.00	54.06 -2.31 0.00	63.23 -2.43 0.00	57.42 -2.58 0.00	52.24 -2.52 0.00	48.62 -3.16 0.00	44.35 -2.73 0.00	42.03 -1.48 0.00	38.51 -1.27 0.00
ROCKVIEW_13_KV_LD 356306	39.21 1.90 0.00	37.26 1.71 0.00	37.24 1.47 0.00	37.29 1.37 0.00	37.44 1.34 0.00	42.47 1.59 0.00	51.53 2.17 0.00	58.67 3.37 0.00	57.21 2.83 0.00	49.23 2.39 0.00	46.56 2.30 0.00	44.52 2.24 0.00	45.43 2.29 0.00	49.11 2.38 0.00	52.55 2.55 0.00	55.66 2.75 0.00	60.31 3.95 0.00	70.65 4.99 0.00	64.44 4.44 0.00	58.43 3.67 0.00	54.99 3.21 0.00	50.00 2.92 0.00	45.81 2.31 0.00	41.85 2.07 0.00
ROME____115KV_TB2 80656	38.31 1.01 0.00	36.66 1.10 0.00	36.88 1.11 0.00	36.93 1.01 0.00	37.16 1.05 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.18 2.88 0.00	56.94 2.56 0.00	48.77 1.92 0.00	46.16 1.90 0.00	44.05 1.78 0.00	45.00 1.86 0.00	48.92 2.20 0.00	52.30 2.30 0.00	55.24 2.33 0.00	59.02 2.65 0.00	68.88 3.22 0.00	62.82 2.82 0.00	57.06 2.30 0.00	53.69 1.92 0.00	48.72 1.65 0.00	44.85 1.35 0.00	40.98 1.19 0.00
ROSETON___1 23587	38.80 1.49 0.00	36.91 1.35 0.00	36.95 1.18 0.00	37.00 1.08 0.00	37.16 1.05 0.00	42.10 1.23 0.00	51.04 1.68 0.00	58.01 2.71 0.00	56.50 2.12 0.00	48.62 1.78 0.00	45.98 1.72 0.00	43.97 1.69 0.00	44.83 1.68 0.00	48.46 1.73 0.00	51.80 1.80 0.00	55.13 2.22 0.00	59.58 3.21 0.00	69.60 3.94 0.00	63.60 3.60 0.00	57.77 3.01 0.00	54.31 2.54 0.00	49.38 2.31 0.00	45.29 1.78 0.00	41.41 1.63 0.00
ROSETON___2 23588	38.80 1.49 0.00	36.91 1.35 0.00	36.95 1.18 0.00	37.00 1.08 0.00	37.16 1.05 0.00	42.10 1.23 0.00	51.04 1.68 0.00	58.01 2.71 0.00	56.50 2.12 0.00	48.62 1.78 0.00	45.98 1.72 0.00	43.97 1.69 0.00	44.83 1.68 0.00	48.46 1.73 0.00	51.80 1.80 0.00	55.13 2.22 0.00	59.58 3.21 0.00	69.60 3.94 0.00	63.60 3.60 0.00	57.77 3.01 0.00	54.31 2.54 0.00	49.38 2.31 0.00	45.29 1.78 0.00	41.41 1.63 0.00
ROTRRDAM_115KV_TB3 80664	38.16 0.86 0.00	36.37 0.82 0.00	36.59 0.82 0.00	36.68 0.75 0.00	36.87 0.76 0.00	41.69 0.82 0.00	50.49 1.14 0.00	56.85 1.55 0.00	55.52 1.14 0.00	47.69 0.84 0.00	44.97 0.71 0.00	42.99 0.72 0.00	43.84 0.69 0.00	47.47 0.75 0.00	50.85 0.85 0.00	53.92 1.01 0.00	58.00 1.63 0.00	67.76 2.10 0.00	61.92 1.92 0.00	56.35 1.59 0.00	53.12 1.35 0.00	48.30 1.22 0.00	44.51 1.00 0.00	40.74 0.95 0.00
RUSSELL___1 23602	36.74 -0.56 0.00	34.95 -0.60 0.00	35.20 -0.57 0.00	35.53 -0.40 0.00	35.53 -0.58 0.00	40.55 -0.33 0.00	48.22 -1.14 0.00	53.97 -1.33 0.00	53.08 -1.31 0.00	45.91 -0.94 0.00	43.46 -0.80 0.00	41.35 -0.93 0.00	42.33 -0.82 0.00	46.12 -0.61 0.00	48.85 -1.15 0.00	51.38 -1.53 0.00	54.45 -1.92 0.00	63.69 -1.97 0.00	57.84 -2.16 0.00	52.63 -2.14 0.00	48.93 -2.85 0.00	44.63 -2.45 0.00	42.24 -1.26 0.00	38.71 -1.07 0.00
RUSSELL___2 23532	36.74 -0.56 0.00	34.95 -0.60 0.00	35.20 -0.57 0.00	35.53 -0.40 0.00	35.53 -0.58 0.00	40.55 -0.33 0.00	48.22 -1.14 0.00	53.97 -1.33 0.00	53.08 -1.31 0.00	45.91 -0.94 0.00	43.46 -0.80 0.00	41.35 -0.93 0.00	42.33 -0.82 0.00	46.12 -0.61 0.00	48.85 -1.15 0.00	51.38 -1.53 0.00	54.45 -1.92 0.00	63.69 -1.97 0.00	57.84 -2.16 0.00	52.63 -2.14 0.00	48.93 -2.85 0.00	44.63 -2.45 0.00	42.24 -1.26 0.00	38.71 -1.07 0.00
RUSSELL___3 23549	36.74 -0.56 0.00	34.95 -0.60 0.00	35.20 -0.57 0.00	35.53 -0.40 0.00	35.53 -0.58 0.00	40.55 -0.33 0.00	48.22 -1.14 0.00	53.97 -1.33 0.00	53.08 -1.31 0.00	45.91 -0.94 0.00	43.46 -0.80 0.00	41.35 -0.93 0.00	42.33 -0.82 0.00	46.12 -0.61 0.00	48.85 -1.15 0.00	51.38 -1.53 0.00	54.45 -1.92 0.00	63.69 -1.97 0.00	57.84 -2.16 0.00	52.63 -2.14 0.00	48.93 -2.85 0.00	44.63 -2.45 0.00	42.24 -1.26 0.00	38.71 -1.07 0.00
RUSSELL___4 23556	36.74 -0.56 0.00	34.95 -0.60 0.00	35.20 -0.57 0.00	35.53 -0.40 0.00	35.53 -0.58 0.00	40.55 -0.33 0.00	48.22 -1.14 0.00	53.97 -1.33 0.00	53.08 -1.31 0.00	45.91 -0.94 0.00	43.46 -0.80 0.00	41.35 -0.93 0.00	42.33 -0.82 0.00	46.12 -0.61 0.00	48.85 -1.15 0.00	51.38 -1.53 0.00	54.45 -1.92 0.00	63.69 -1.97 0.00	57.84 -2.16 0.00	52.63 -2.14 0.00	48.93 -2.85 0.00	44.63 -2.45 0.00	42.24 -1.26 0.00	38.71 -1.07 0.00
RUSSELL___STATION 23914	36.74 -0.56 0.00	34.95 -0.60 0.00	35.20 -0.57 0.00	35.53 -0.40 0.00	35.53 -0.58 0.00	40.55 -0.33 0.00	48.22 -1.14 0.00	53.97 -1.33 0.00	53.08 -1.31 0.00	45.91 -0.94 0.00	43.46 -0.80 0.00	41.35 -0.93 0.00	42.33 -0.82 0.00	46.12 -0.61 0.00	48.85 -1.15 0.00	51.38 -1.53 0.00	54.45 -1.92 0.00	63.69 -1.97 0.00	57.84 -2.16 0.00	52.63 -2.14 0.00	48.93 -2.85 0.00	44.63 -2.45 0.00	42.24 -1.26 0.00	38.71 -1.07 0.00
S SALMON___HYD 24043	36.30 -1.01 0.00	34.63 -0.92 0.00	34.84 -0.93 0.00	34.99 -0.93 0.00	35.17 -0.94 0.00	40.63 -0.24 0.00	49.41 0.05 0.00	55.85 0.55 0.00	54.60 0.22 0.00	46.85 0.00 0.00	44.26 0.00 0.00	42.23 -0.04 0.00	43.15 0.00 0.00	46.96 0.23 0.00	50.20 0.20 0.00	53.12 0.21 0.00	56.71 0.34 0.00	65.99 0.33 0.00	60.36 0.36 0.00	53.94 -0.82 0.00	50.69 -1.09 0.00	46.04 -1.04 0.00	42.46 -1.04 0.00	38.79 -0.99 0.00
S.PERRY__115KV_TB1 80734	38.01 0.71 0.00	36.16 0.60 0.00	36.45 0.68 0.00	36.82 0.90 0.00	36.87 0.76 0.00	42.18 1.31 0.00	50.35 0.99 0.00	56.57 1.27 0.00	55.36 0.98 0.00	47.64 0.80 0.00	44.97 0.71 0.00	42.78 0.51 0.00	43.88 0.73 0.00	47.94 1.21 0.00	49.10 -0.90 0.00	51.75 -1.16 0.00	55.07 -1.30 0.00	64.42 -1.25 0.00	58.50 -1.50 0.00	53.07 -1.70 0.00	49.08 -2.69 0.00	46.18 -0.89 0.00	43.68 0.17 0.00	39.90 0.12 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.37 -0.93 0.00	34.56 -1.00 0.00	34.84 -0.93 0.00	35.20 -0.72 0.00	35.17 -0.94 0.00	40.34 -0.53 0.00	47.24 -2.12 0.00	52.09 -3.21 0.00	51.44 -2.94 0.00	44.46 -2.39 0.00	42.27 -1.99 0.00	40.16 -2.11 0.00	41.07 -2.07 0.00	45.04 -1.68 0.00	47.35 -2.65 0.00	49.42 -3.49 0.00	52.08 -4.28 0.00	60.94 -4.73 0.00	54.96 -5.04 0.00	49.94 -4.82 0.00	46.18 -5.59 0.00	42.28 -4.80 0.00	41.03 -2.48 0.00	37.75 -2.03 0.00

SAWYER___23_KV_LOAD 55526	36.37 -0.93 0.00	34.56 -1.00 0.00	34.84 -0.93 0.00	35.20 -0.72 0.00	35.17 -0.94 0.00	40.34 -0.53 0.00	47.24 -2.12 0.00	52.09 -3.21 0.00	51.44 -2.94 0.00	44.46 -2.39 0.00	42.27 -1.99 0.00	40.16 -2.11 0.00	41.07 -2.07 0.00	45.04 -1.68 0.00	47.35 -2.65 0.00	49.42 -3.49 0.00	52.08 -4.28 0.00	60.94 -4.73 0.00	54.96 -5.04 0.00	49.94 -4.82 0.00	46.18 -5.59 0.00	42.28 -4.80 0.00	41.03 -2.48 0.00	37.75 -2.03 0.00
SELKIRK___I 23801	38.09 0.78 0.00	36.30 0.75 0.00	36.52 0.75 0.00	36.64 0.72 0.00	36.79 0.68 0.00	41.57 0.69 0.00	50.29 0.94 0.00	56.57 1.27 0.00	55.20 0.82 0.00	47.36 0.52 0.00	44.61 0.35 0.00	42.70 0.42 0.00	43.53 0.39 0.00	47.10 0.37 0.00	50.50 0.50 0.00	53.71 0.79 0.00	57.83 1.46 0.00	67.44 1.77 0.00	61.68 1.68 0.00	56.19 1.42 0.00	52.97 1.19 0.00	48.11 1.03 0.00	44.37 0.87 0.00	40.66 0.87 0.00
SELKIRK___II 23799	37.90 0.60 0.00	36.12 0.57 0.00	36.31 0.54 0.00	36.43 0.50 0.00	36.61 0.51 0.00	41.37 0.49 0.00	50.05 0.69 0.00	56.46 1.16 0.00	55.09 0.71 0.00	47.36 0.52 0.00	44.66 0.40 0.00	42.70 0.42 0.00	43.53 0.39 0.00	47.06 0.33 0.00	50.40 0.40 0.00	53.60 0.69 0.00	57.72 1.35 0.00	67.31 1.64 0.00	61.56 1.56 0.00	56.08 1.31 0.00	52.81 1.04 0.00	47.97 0.89 0.00	44.20 0.69 0.00	40.50 0.72 0.00
SENECA OSWGO___HYD 24041	36.30 -1.01 0.00	34.52 -1.03 0.00	34.77 -1.00 0.00	34.96 -0.97 0.00	35.10 -1.01 0.00	40.79 -0.08 0.00	49.36 0.00 0.00	55.74 0.44 0.00	54.49 0.11 0.00	46.94 0.09 0.00	44.35 0.09 0.00	42.36 0.08 0.00	43.23 0.09 0.00	46.96 0.23 0.00	50.15 0.15 0.00	53.07 0.16 0.00	56.71 0.34 0.00	66.06 0.40 0.00	60.30 0.30 0.00	53.34 -1.42 0.00	50.17 -1.61 0.00	45.62 -1.46 0.00	42.24 -1.26 0.00	38.63 -1.15 0.00
SENECA___115KV_TB3 355854	36.89 -0.41 0.00	35.06 -0.50 0.00	35.34 -0.43 0.00	35.74 -0.18 0.00	35.71 -0.40 0.00	40.96 0.08 0.00	48.08 -1.28 0.00	53.14 -2.16 0.00	52.37 -2.01 0.00	45.25 -1.59 0.00	43.07 -1.20 0.00	40.92 -1.35 0.00	41.85 -1.29 0.00	45.93 -0.79 0.00	48.25 -1.75 0.00	50.37 -2.54 0.00	53.10 -3.27 0.00	62.18 -3.48 0.00	55.98 -4.02 0.00	50.88 -3.89 0.00	47.01 -4.76 0.00	42.98 -4.10 0.00	41.59 -1.91 0.00	38.23 -1.55 0.00
SENECA___ENERGY 23797	36.82 -0.49 0.00	35.06 -0.50 0.00	35.30 -0.47 0.00	35.56 -0.36 0.00	35.71 -0.40 0.00	40.67 -0.20 0.00	48.82 -0.54 0.00	54.97 -0.33 0.00	53.78 -0.60 0.00	46.33 -0.51 0.00	43.90 -0.36 0.00	41.81 -0.46 0.00	42.71 -0.43 0.00	46.31 -0.42 0.00	49.35 -0.65 0.00	52.12 -0.79 0.00	55.46 -0.90 0.00	64.88 -0.79 0.00	59.04 -0.96 0.00	53.72 -1.04 0.00	50.17 -1.61 0.00	45.76 -1.32 0.00	42.64 -0.87 0.00	39.03 -0.76 0.00
SHOEMAKER___GT 23640	38.64 1.34 0.00	36.80 1.24 0.00	36.88 1.11 0.00	36.93 1.00 0.00	37.08 0.98 0.00	42.06 1.19 0.00	50.89 1.53 0.00	57.73 2.43 0.00	56.28 1.90 0.00	48.44 1.59 0.00	45.77 1.51 0.00	43.76 1.48 0.00	44.57 1.42 0.00	48.22 1.49 0.00	51.55 1.55 0.00	54.87 1.96 0.00	59.24 2.87 0.00	69.14 3.48 0.00	63.24 3.24 0.00	57.45 2.68 0.00	54.00 2.22 0.00	49.10 2.02 0.00	45.07 1.56 0.00	41.29 1.51 0.00
SHOEMAKR_138KV_BK 111 55601	38.65 1.34 0.00	36.80 1.24 0.00	36.84 1.07 0.00	36.93 1.01 0.00	37.08 0.97 0.00	42.02 1.14 0.00	50.89 1.53 0.00	57.73 2.43 0.00	56.23 1.85 0.00	48.44 1.59 0.00	45.77 1.50 0.00	43.76 1.48 0.00	44.57 1.42 0.00	48.22 1.50 0.00	51.60 1.60 0.00	54.71 1.80 0.00	59.13 2.76 0.00	69.14 3.48 0.00	63.18 3.18 0.00	57.34 2.57 0.00	53.95 2.17 0.00	49.05 1.98 0.00	45.03 1.52 0.00	41.25 1.47 0.00
SHOREHAM_IC_1 23715	39.62 2.31 0.00	37.22 1.67 0.00	36.91 1.14 0.00	37.00 1.08 0.00	37.26 1.16 0.00	42.59 1.72 0.00	50.69 1.33 0.00	58.01 2.71 0.00	56.50 2.12 0.00	48.48 1.64 0.00	46.20 1.95 0.00	44.22 1.95 0.00	45.13 1.99 0.00	48.03 1.31 0.00	51.15 1.15 0.00	55.03 2.12 0.00	61.27 4.90 0.00	71.71 6.04 -0.01	65.64 5.64 0.00	59.47 4.71 0.00	55.92 4.14 0.00	50.09 3.02 0.00	45.55 2.05 0.00	41.33 1.55 0.00
SHOREHAM_IC_2 23716	39.62 2.31 0.00	37.22 1.67 0.00	36.91 1.14 0.00	37.00 1.08 0.00	37.26 1.16 0.00	42.59 1.72 0.00	50.69 1.33 0.00	58.01 2.71 0.00	56.50 2.12 0.00	48.48 1.64 0.00	46.20 1.95 0.00	44.22 1.95 0.00	45.13 1.99 0.00	48.03 1.31 0.00	51.15 1.15 0.00	55.03 2.12 0.00	61.27 4.90 0.00	71.71 6.04 -0.01	65.64 5.64 0.00	59.47 4.71 0.00	55.92 4.14 0.00	50.09 3.02 0.00	45.55 2.05 0.00	41.33 1.55 0.00
SISSONVILLE____ 23735	37.34 0.04 0.00	35.91 0.36 0.00	36.09 0.32 0.00	36.21 0.29 0.00	36.65 0.54 0.00	42.26 1.39 0.00	52.02 2.67 0.00	58.40 3.10 0.00	57.48 3.10 0.00	48.81 1.97 0.00	46.30 2.04 0.00	44.01 1.73 0.00	45.04 1.90 0.00	49.25 2.52 0.00	53.05 3.05 0.00	56.09 3.17 0.00	59.35 2.99 0.00	69.27 3.61 0.00	63.00 3.00 0.00	57.50 2.74 0.00	54.47 2.69 0.00	49.24 2.17 0.00	45.03 1.52 0.00	40.82 1.03 0.00
SITHE_IND_GS1 24169	35.92 -1.38 0.00	34.20 -1.35 0.00	34.45 -1.32 0.00	34.63 -1.29 0.00	34.77 -1.34 0.00	39.44 -1.43 0.00	47.58 -1.77 0.00	53.42 -1.88 0.00	52.43 -1.96 0.00	45.16 -1.68 0.00	42.67 -1.59 0.00	40.71 -1.56 0.00	41.59 -1.55 0.00	45.09 -1.64 0.00	48.15 -1.85 0.00	50.95 -1.96 0.00	54.34 -2.03 0.00	63.30 -2.36 0.00	57.84 -2.16 0.00	52.63 -2.14 0.00	49.55 -2.22 0.00	45.10 -1.98 0.00	41.76 -1.74 0.00	38.23 -1.55 0.00
SITHE_IND_GS2 24170	35.92 -1.38 0.00	34.20 -1.35 0.00	34.45 -1.32 0.00	34.63 -1.29 0.00	34.77 -1.34 0.00	39.44 -1.43 0.00	47.58 -1.77 0.00	53.42 -1.88 0.00	52.43 -1.96 0.00	45.16 -1.68 0.00	42.67 -1.59 0.00	40.71 -1.56 0.00	41.59 -1.55 0.00	45.09 -1.64 0.00	48.15 -1.85 0.00	50.95 -1.96 0.00	54.34 -2.03 0.00	63.30 -2.36 0.00	57.84 -2.16 0.00	52.63 -2.14 0.00	49.55 -2.22 0.00	45.10 -1.98 0.00	41.76 -1.74 0.00	38.23 -1.55 0.00
SITHE_IND_GS3 24171	35.92 -1.38 0.00	34.20 -1.35 0.00	34.45 -1.32 0.00	34.63 -1.29 0.00	34.77 -1.34 0.00	39.44 -1.43 0.00	47.58 -1.77 0.00	53.42 -1.88 0.00	52.43 -1.96 0.00	45.16 -1.68 0.00	42.67 -1.59 0.00	40.71 -1.56 0.00	41.59 -1.55 0.00	45.09 -1.64 0.00	48.15 -1.85 0.00	50.95 -1.96 0.00	54.34 -2.03 0.00	63.30 -2.36 0.00	57.84 -2.16 0.00	52.63 -2.14 0.00	49.55 -2.22 0.00	45.10 -1.98 0.00	41.76 -1.74 0.00	38.23 -1.55 0.00
SITHE_IND_GS4 24172	35.92 -1.38 0.00	34.20 -1.35 0.00	34.45 -1.32 0.00	34.63 -1.29 0.00	34.77 -1.34 0.00	39.44 -1.43 0.00	47.58 -1.77 0.00	53.42 -1.88 0.00	52.43 -1.96 0.00	45.16 -1.68 0.00	42.67 -1.59 0.00	40.71 -1.56 0.00	41.59 -1.55 0.00	45.09 -1.64 0.00	48.15 -1.85 0.00	50.95 -1.96 0.00	54.34 -2.03 0.00	63.30 -2.36 0.00	57.84 -2.16 0.00	52.63 -2.14 0.00	49.55 -2.22 0.00	45.10 -1.98 0.00	41.76 -1.74 0.00	38.23 -1.55 0.00

SITHE___BATAVIA 24024	37.15 -0.15 0.00	35.38 -0.18 0.00	35.63 -0.14 0.00	36.03 0.11 0.00	35.96 -0.14 0.00	41.20 0.33 0.00	48.57 -0.79 0.00	54.19 -1.11 0.00	53.29 -1.09 0.00	46.05 -0.80 0.00	43.68 -0.58 0.00	41.39 -0.89 0.00	42.41 -0.73 0.00	46.45 -0.28 0.00	49.10 -0.90 0.00	51.53 -1.38 0.00	54.23 -2.14 0.00	63.82 -1.84 0.00	57.54 -2.46 0.00	52.36 -2.41 0.00	48.25 -3.52 0.00	44.11 -2.96 0.00	42.29 -1.22 0.00	38.87 -0.91 0.00
SITHE___INDEPEND 23800	35.92 -1.38 0.00	34.20 -1.35 0.00	34.45 -1.32 0.00	34.63 -1.29 0.00	34.77 -1.34 0.00	39.44 -1.43 0.00	47.53 -1.83 0.00	53.42 -1.88 0.00	52.42 -1.96 0.00	45.16 -1.69 0.00	42.67 -1.59 0.00	40.71 -1.56 0.00	41.59 -1.55 0.00	45.09 -1.64 0.00	48.15 -1.85 0.00	50.90 -2.01 0.00	54.28 -2.09 0.00	63.30 -2.36 0.00	57.78 -2.22 0.00	52.63 -2.14 0.00	49.55 -2.23 0.00	45.05 -2.02 0.00	41.76 -1.74 0.00	38.23 -1.55 0.00
SITHE___MASSENA 23902	37.68 0.37 0.00	35.95 0.39 0.00	36.13 0.36 0.00	36.36 0.43 0.00	36.61 0.51 0.00	41.53 0.65 0.00	50.15 0.79 0.00	55.52 0.22 0.00	55.14 0.76 0.00	47.45 0.61 0.00	44.93 0.66 0.00	42.82 0.55 0.00	43.75 0.60 0.00	47.43 0.70 0.00	50.90 0.90 0.00	53.71 0.79 0.00	56.65 0.28 0.00	65.73 0.07 0.00	60.00 0.00 0.00	55.09 0.33 0.00	52.60 0.83 0.00	47.74 0.66 0.00	44.16 0.65 0.00	40.30 0.52 0.00
SITHE___OGDNSBRG 24021	38.38 1.08 0.00	37.01 1.46 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.77 1.66 0.00	43.70 2.82 0.00	54.00 4.64 0.00	60.78 5.47 0.00	59.60 5.22 0.00	50.45 3.61 0.00	47.89 3.63 0.00	45.49 3.21 0.00	46.55 3.41 0.00	50.89 4.16 0.00	54.90 4.90 0.00	57.99 5.08 0.00	61.55 5.19 0.00	71.97 6.30 0.00	65.52 5.52 0.00	59.69 4.93 0.00	56.54 4.76 0.00	51.08 4.00 0.00	46.59 3.09 0.00	42.21 2.43 0.00
SITHE___STERLING 23777	38.12 0.82 0.00	36.41 0.85 0.00	36.66 0.89 0.00	36.75 0.83 0.00	36.94 0.83 0.00	42.06 1.19 0.00	51.04 1.68 0.00	57.57 2.27 0.00	56.28 1.90 0.00	48.34 1.50 0.00	45.72 1.46 0.00	43.63 1.35 0.00	44.57 1.42 0.00	48.36 1.63 0.00	51.70 1.70 0.00	54.71 1.80 0.00	58.39 2.03 0.00	67.96 2.30 0.00	62.04 2.04 0.00	56.46 1.70 0.00	53.12 1.34 0.00	48.25 1.18 0.00	44.51 1.00 0.00	40.70 0.92 0.00
SLEIGHT__34_KV_TB1 80719	36.52 -0.78 0.00	34.77 -0.78 0.00	34.98 -0.79 0.00	35.28 -0.65 0.00	35.35 -0.76 0.00	40.30 -0.57 0.00	48.32 -1.04 0.00	54.30 -1.00 0.00	53.24 -1.14 0.00	46.00 -0.84 0.00	43.51 -0.75 0.00	41.43 -0.85 0.00	42.37 -0.78 0.00	46.07 -0.65 0.00	48.95 -1.05 0.00	51.59 -1.32 0.00	54.85 -1.52 0.00	64.09 -1.58 0.00	58.26 -1.74 0.00	53.01 -1.75 0.00	49.50 -2.28 0.00	45.05 -2.02 0.00	42.29 -1.22 0.00	38.71 -1.07 0.00
SOUTH CAIRO___GT 23612	39.13 1.83 0.00	37.33 1.78 0.00	37.49 1.72 0.00	37.65 1.72 0.00	37.77 1.66 0.00	43.04 2.17 0.00	52.07 2.71 0.00	58.34 3.04 0.00	56.61 2.23 0.00	48.34 1.50 0.00	45.32 1.06 0.00	43.29 1.01 0.00	44.01 0.86 0.00	47.80 1.07 0.00	51.35 1.35 0.00	54.82 1.90 0.00	59.41 3.04 0.00	69.60 3.94 0.00	63.84 3.84 0.00	57.83 3.07 0.00	54.42 2.64 0.00	49.38 2.31 0.00	45.29 1.78 0.00	41.89 2.11 0.00
SOUTH HAMPTN___IC 23720	39.91 2.61 0.00	37.51 1.95 0.00	37.20 1.43 0.00	37.29 1.36 0.00	37.59 1.48 0.00	43.04 2.16 0.00	51.28 1.92 0.00	58.73 3.43 0.00	57.21 2.83 0.00	49.09 2.25 0.00	46.83 2.57 0.00	44.86 2.58 0.00	45.73 2.59 0.00	48.73 2.01 0.00	51.95 1.95 0.00	55.87 2.96 0.00	62.00 5.64 -0.01	72.63 6.96 0.00	66.18 6.18 0.00	59.91 5.15 0.00	56.33 4.56 0.00	50.42 3.34 0.00	45.90 2.39 0.00	41.57 1.79 0.00
SOUTHDOW_115KV_TB1 355954	38.12 0.82 0.00	36.23 0.68 0.00	36.52 0.75 0.00	36.93 1.01 0.00	36.94 0.83 0.00	42.51 1.63 0.00	50.15 0.79 0.00	55.69 0.39 0.00	54.82 0.44 0.00	47.36 0.52 0.00	45.19 0.93 0.00	42.83 0.55 0.00	43.79 0.65 0.00	48.22 1.50 0.00	50.60 0.60 0.00	52.54 -0.37 0.00	55.58 -0.79 0.00	65.07 -0.59 0.00	58.38 -1.62 0.00	52.90 -1.86 0.00	48.67 -3.11 0.00	44.25 -2.82 0.00	42.59 -0.91 0.00	39.03 -0.76 0.00
SOUTHOLD_69_KV_BK 2 55809	40.59 3.28 0.00	37.72 2.17 0.00	37.42 1.65 0.00	37.54 1.62 0.00	37.88 1.77 0.00	43.49 2.62 0.00	51.93 2.57 0.00	59.72 4.42 0.00	58.03 3.64 0.00	49.80 2.95 0.00	47.49 3.23 0.00	45.62 3.34 0.00	46.38 3.24 0.00	49.44 2.71 0.00	52.90 2.90 0.00	56.30 3.39 0.00	62.79 6.43 0.00	74.41 8.73 -0.01	66.96 6.96 0.00	60.24 5.48 0.00	55.87 4.09 0.00	49.95 2.87 0.00	45.98 2.48 0.00	41.65 1.87 0.00
SOUTHOLD___IC 23719	40.14 2.83 0.00	37.72 2.17 0.00	37.42 1.65 0.00	37.54 1.62 0.00	37.88 1.77 0.00	43.49 2.62 0.00	51.92 2.57 0.00	59.56 4.26 0.00	58.03 3.64 0.00	49.80 2.95 0.00	47.49 3.23 0.00	45.53 3.26 0.00	46.38 3.24 0.00	49.43 2.71 0.00	52.70 2.70 0.00	56.77 3.86 0.00	62.90 6.54 0.00	73.68 8.01 -0.01	66.84 6.84 0.00	60.35 5.59 0.00	56.59 4.82 0.00	50.61 3.53 0.00	45.98 2.48 0.00	41.65 1.87 0.00
SOUTH_FORK_WT_PWR 323839	39.91 2.61 0.00	37.54 1.99 0.00	37.24 1.47 0.00	37.40 1.47 0.00	37.77 1.66 0.00	43.45 2.58 0.00	51.92 2.57 0.00	59.56 4.26 0.00	58.08 3.70 0.00	49.80 2.95 0.00	47.53 3.28 0.00	45.58 3.30 0.00	46.38 3.24 0.00	49.43 2.71 0.00	52.70 2.70 0.00	56.72 3.81 0.00	62.79 6.42 0.00	73.55 7.88 -0.01	66.48 6.48 0.00	59.97 5.21 0.00	56.17 4.40 0.00	50.18 3.11 0.00	45.51 2.00 0.00	41.29 1.51 0.00
SPIERFLS_115KV_TB 1 80737	38.16 0.86 0.00	36.55 1.00 0.00	36.59 0.82 0.00	36.64 0.72 0.00	36.79 0.69 0.00	41.86 0.98 0.00	50.99 1.63 0.00	57.35 2.05 0.00	55.80 1.41 0.00	47.78 0.94 0.00	44.88 0.62 0.00	42.95 0.68 0.00	43.75 0.60 0.00	47.52 0.79 0.00	51.10 1.10 0.00	54.23 1.32 0.00	58.62 2.25 0.00	68.68 3.02 0.00	62.70 2.70 0.00	56.95 2.19 0.00	53.59 1.81 0.00	48.63 1.55 0.00	44.64 1.13 0.00	40.94 1.15 0.00
ST LAWRENCE____ 23600	37.27 -0.04 0.00	35.55 0.00 0.00	35.77 0.00 0.00	35.96 0.04 0.00	36.22 0.11 0.00	41.04 0.16 0.00	49.56 0.20 0.00	54.92 -0.38 0.00	54.55 0.16 0.00	47.03 0.19 0.00	44.48 0.22 0.00	42.45 0.17 0.00	43.32 0.17 0.00	47.01 0.28 0.00	50.40 0.40 0.00	53.18 0.27 0.00	56.03 -0.34 0.00	65.07 -0.59 0.00	59.40 -0.60 0.00	54.55 -0.22 0.00	52.09 0.31 0.00	47.31 0.24 0.00	43.72 0.22 0.00	39.90 0.12 0.00
STATE_CA_115KV_115_LB 55624	37.90 0.60 0.00	36.12 0.57 0.00	36.27 0.50 0.00	36.39 0.47 0.00	36.58 0.47 0.00	41.37 0.49 0.00	50.15 0.79 0.00	56.57 1.27 0.00	55.20 0.82 0.00	47.41 0.56 0.00	44.70 0.44 0.00	42.78 0.51 0.00	43.58 0.43 0.00	47.10 0.37 0.00	50.55 0.55 0.00	53.60 0.69 0.00	57.83 1.47 0.00	67.57 1.90 0.00	61.80 1.80 0.00	56.19 1.42 0.00	52.97 1.19 0.00	48.11 1.04 0.00	44.24 0.74 0.00	40.54 0.76 0.00

STATE_ST_34_KV_LOAD 55959	37.00 -0.30 0.00	35.20 -0.36 0.00	35.45 -0.32 0.00	35.67 -0.25 0.00	35.82 -0.29 0.00	40.71 -0.16 0.00	49.21 -0.15 0.00	55.47 0.17 0.00	54.27 -0.11 0.00	46.75 -0.09 0.00	44.17 -0.09 0.00	42.15 -0.13 0.00	43.06 -0.09 0.00	46.73 0.00 0.00	49.85 -0.15 0.00	52.59 -0.32 0.00	56.14 -0.23 0.00	65.60 -0.07 0.00	59.88 -0.12 0.00	54.44 0.00 0.00	51.10 -0.67 0.00	46.42 -0.66 0.00	43.11 -0.39 0.00	39.42 -0.36 0.00
STATION 5_MISC_HYD 23604	36.56 -0.75 0.00	34.81 -0.75 0.00	35.02 -0.75 0.00	35.39 -0.54 0.00	35.39 -0.72 0.00	40.39 -0.49 0.00	47.98 -1.38 0.00	53.69 -1.61 0.00	52.75 -1.63 0.00	45.63 -1.22 0.00	43.20 -1.06 0.00	41.09 -1.18 0.00	42.07 -1.08 0.00	45.84 -0.89 0.00	48.65 -1.35 0.00	51.22 -1.70 0.00	54.11 -2.26 0.00	63.50 -2.17 0.00	57.54 -2.46 0.00	52.41 -2.35 0.00	48.67 -3.11 0.00	44.40 -2.68 0.00	42.03 -1.48 0.00	38.55 -1.23 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.97 -0.34 0.00	35.20 -0.36 0.00	35.45 -0.32 0.00	35.78 -0.14 0.00	35.82 -0.29 0.00	40.83 -0.04 0.00	48.82 -0.54 0.00	54.86 -0.44 0.00	53.84 -0.54 0.00	46.47 -0.37 0.00	43.99 -0.27 0.00	41.90 -0.38 0.00	42.84 -0.30 0.00	46.59 -0.14 0.00	49.50 -0.50 0.00	52.12 -0.79 0.00	55.35 -1.01 0.00	64.74 -0.92 0.00	58.86 -1.14 0.00	53.56 -1.20 0.00	49.91 -1.86 0.00	45.43 -1.65 0.00	42.72 -0.78 0.00	39.07 -0.72 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.37 -0.93 0.00	34.63 -0.92 0.00	34.84 -0.93 0.00	35.17 -0.75 0.00	35.21 -0.90 0.00	40.14 -0.74 0.00	47.78 -1.58 0.00	53.48 -1.82 0.00	52.59 -1.79 0.00	45.44 -1.41 0.00	43.02 -1.24 0.00	40.92 -1.35 0.00	41.89 -1.25 0.00	45.65 -1.07 0.00	48.35 -1.65 0.00	50.90 -2.01 0.00	53.94 -2.42 0.00	63.04 -2.63 0.00	57.30 -2.70 0.00	52.14 -2.63 0.00	48.51 -3.26 0.00	44.25 -2.82 0.00	41.85 -1.65 0.00	38.35 -1.43 0.00
STA_56___34_KV_BUS2 355983	36.37 -0.93 0.00	34.63 -0.92 0.00	34.84 -0.93 0.00	35.17 -0.75 0.00	35.21 -0.90 0.00	40.14 -0.74 0.00	47.78 -1.58 0.00	53.48 -1.82 0.00	52.59 -1.79 0.00	45.44 -1.41 0.00	43.02 -1.24 0.00	40.92 -1.35 0.00	41.89 -1.25 0.00	45.65 -1.07 0.00	48.35 -1.65 0.00	50.90 -2.01 0.00	53.94 -2.42 0.00	63.04 -2.63 0.00	57.30 -2.70 0.00	52.14 -2.63 0.00	48.51 -3.26 0.00	44.25 -2.82 0.00	41.85 -1.65 0.00	38.35 -1.43 0.00
STA_67___115KV_BK2 355882	36.48 -0.82 0.00	34.74 -0.82 0.00	34.95 -0.82 0.00	35.31 -0.61 0.00	35.31 -0.79 0.00	40.30 -0.57 0.00	47.88 -1.48 0.00	53.53 -1.77 0.00	52.64 -1.74 0.00	45.49 -1.36 0.00	43.07 -1.20 0.00	40.97 -1.31 0.00	41.94 -1.21 0.00	45.70 -1.03 0.00	48.40 -1.60 0.00	50.90 -2.01 0.00	53.94 -2.42 0.00	63.04 -2.63 0.00	57.24 -2.76 0.00	52.08 -2.68 0.00	48.51 -3.26 0.00	44.25 -2.82 0.00	41.90 -1.61 0.00	38.43 -1.35 0.00
STA_7___115KV_9TRANS 80674	36.74 -0.56 0.00	34.95 -0.60 0.00	35.20 -0.57 0.00	35.53 -0.40 0.00	35.53 -0.58 0.00	40.55 -0.33 0.00	48.22 -1.14 0.00	53.97 -1.33 0.00	53.08 -1.31 0.00	45.91 -0.94 0.00	43.46 -0.80 0.00	41.35 -0.93 0.00	42.33 -0.82 0.00	46.12 -0.61 0.00	48.85 -1.15 0.00	51.38 -1.53 0.00	54.45 -1.92 0.00	63.69 -1.97 0.00	57.84 -2.16 0.00	52.63 -2.14 0.00	48.93 -2.85 0.00	44.63 -2.45 0.00	42.24 -1.26 0.00	38.71 -1.07 0.00
STA_82___115KV_TB1 80780	36.48 -0.82 0.00	34.74 -0.82 0.00	34.98 -0.79 0.00	35.31 -0.61 0.00	35.31 -0.79 0.00	40.30 -0.57 0.00	47.88 -1.48 0.00	53.53 -1.77 0.00	52.64 -1.74 0.00	45.49 -1.36 0.00	43.11 -1.15 0.00	41.01 -1.27 0.00	41.94 -1.21 0.00	45.75 -0.98 0.00	48.45 -1.55 0.00	50.90 -2.01 0.00	53.94 -2.42 0.00	63.10 -2.56 0.00	57.30 -2.70 0.00	52.14 -2.63 0.00	48.51 -3.26 0.00	44.25 -2.82 0.00	41.94 -1.57 0.00	38.43 -1.35 0.00
STEEL___WIND 323596	36.86 -0.45 0.00	35.02 -0.53 0.00	35.30 -0.47 0.00	35.71 -0.21 0.00	35.68 -0.43 0.00	40.92 0.04 0.00	48.03 -1.33 0.00	53.14 -2.16 0.00	52.32 -2.07 0.00	45.20 -1.64 0.00	43.02 -1.24 0.00	40.88 -1.39 0.00	41.81 -1.34 0.00	45.89 -0.84 0.00	48.30 -1.70 0.00	50.48 -2.43 0.00	53.04 -3.33 0.00	62.32 -3.35 0.00	56.04 -3.96 0.00	50.93 -3.83 0.00	46.91 -4.87 0.00	42.93 -4.14 0.00	41.50 -2.00 0.00	38.23 -1.55 0.00
STEPHTWN_115KV_BK_2 55603	38.24 0.93 0.00	36.44 0.89 0.00	36.59 0.82 0.00	36.68 0.75 0.00	36.87 0.76 0.00	41.77 0.90 0.00	50.69 1.33 0.00	57.18 1.88 0.00	55.74 1.36 0.00	47.88 1.03 0.00	45.10 0.84 0.00	43.16 0.89 0.00	43.92 0.78 0.00	47.52 0.79 0.00	51.00 1.00 0.00	54.13 1.22 0.00	58.45 2.09 0.00	68.36 2.69 0.00	62.46 2.46 0.00	56.74 1.97 0.00	53.48 1.71 0.00	48.58 1.51 0.00	44.68 1.17 0.00	40.90 1.11 0.00
STEUBEN_REC_LFGE 323667	37.90 0.60 0.00	36.02 0.46 0.00	36.45 0.68 0.00	36.82 0.90 0.00	37.01 0.90 0.00	42.51 1.63 0.00	50.69 1.33 0.00	56.79 1.49 0.00	55.52 1.14 0.00	47.83 0.98 0.00	45.37 1.11 0.00	43.08 0.80 0.00	44.01 0.86 0.00	48.08 1.36 0.00	50.65 0.65 0.00	53.07 0.16 0.00	56.42 0.06 0.00	65.99 0.33 0.00	59.64 -0.36 0.00	53.94 -0.82 0.00	49.55 -2.23 0.00	45.05 -2.02 0.00	42.63 -0.87 0.00	38.95 -0.84 0.00
STILLWATER___SOLAR 323814	38.76 1.45 0.00	37.05 1.49 0.00	37.16 1.39 0.00	37.21 1.29 0.00	37.41 1.30 0.00	42.51 1.64 0.00	51.63 2.27 0.00	58.12 2.82 0.00	56.50 2.12 0.00	48.44 1.59 0.00	45.54 1.28 0.00	43.59 1.31 0.00	44.40 1.25 0.00	48.13 1.40 0.00	51.70 1.70 0.00	54.97 2.06 0.00	59.35 2.99 0.00	69.47 3.81 0.00	63.42 3.42 0.00	57.66 2.90 0.00	54.26 2.49 0.00	49.29 2.21 0.00	45.33 1.83 0.00	41.57 1.79 0.00
STONY___BROOK 24151	39.87 2.57 0.00	37.51 1.95 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.48 1.37 0.00	42.84 1.96 0.00	50.94 1.58 0.00	58.23 2.93 0.00	56.72 2.34 0.00	48.81 1.97 0.00	46.78 2.52 0.00	44.94 2.67 0.00	45.78 2.63 0.00	48.97 2.24 0.00	52.10 2.10 0.00	55.98 3.07 0.00	61.78 5.41 0.00	71.84 6.17 -0.01	65.52 5.52 0.00	59.69 4.93 0.00	56.17 4.40 0.00	50.70 3.63 0.00	46.46 2.96 0.00	41.93 2.15 0.00
STURGEON_POOL_HYD 23609	39.76 2.46 0.00	37.83 2.28 0.00	37.81 2.04 0.00	37.86 1.94 0.00	38.02 1.91 0.00	43.29 2.41 0.00	52.37 3.01 0.00	59.39 4.09 0.00	57.75 3.37 0.00	49.66 2.81 0.00	46.87 2.61 0.00	44.77 2.49 0.00	45.52 2.37 0.00	49.34 2.62 0.00	52.80 2.80 0.00	56.14 3.23 0.00	60.93 4.57 0.00	71.44 5.78 0.00	65.40 5.40 0.00	59.14 4.38 0.00	55.55 3.78 0.00	50.47 3.39 0.00	46.16 2.65 0.00	42.49 2.71 0.00
ST_LAW_115_BK7_LBMP 345037	37.27 -0.04 0.00	35.59 0.04 0.00	35.77 0.00 0.00	35.96 0.04 0.00	36.25 0.15 0.00	41.04 0.16 0.00	49.56 0.20 0.00	54.92 -0.38 0.00	54.60 0.22 0.00	47.03 0.19 0.00	44.48 0.22 0.00	42.45 0.17 0.00	43.32 0.17 0.00	47.01 0.28 0.00	50.40 0.40 0.00	53.18 0.27 0.00	56.03 -0.34 0.00	65.07 -0.59 0.00	59.40 -0.60 0.00	54.55 -0.22 0.00	52.09 0.31 0.00	47.31 0.24 0.00	43.72 0.22 0.00	39.90 0.12 0.00

ST_LAW_115_BK8_LBMP 345038	37.27 -0.04 0.00	35.59 0.04 0.00	35.77 0.00 0.00	35.96 0.04 0.00	36.25 0.15 0.00	41.04 0.16 0.00	49.56 0.20 0.00	54.92 -0.38 0.00	54.60 0.22 0.00	47.03 0.19 0.00	44.48 0.22 0.00	42.45 0.17 0.00	43.32 0.17 0.00	47.01 0.28 0.00	50.40 0.40 0.00	53.18 0.27 0.00	56.03 -0.34 0.00	65.07 -0.59 0.00	59.40 -0.60 0.00	54.55 -0.22 0.00	52.09 0.31 0.00	47.31 0.24 0.00	43.72 0.22 0.00	39.90 0.12 0.00
ST_LAW_230_BK5_LBMP 345035	37.27 -0.04 0.00	35.55 0.00 0.00	35.77 0.00 0.00	35.96 0.04 0.00	36.22 0.11 0.00	41.04 0.16 0.00	49.56 0.20 0.00	54.92 -0.38 0.00	54.55 0.16 0.00	47.03 0.19 0.00	44.48 0.22 0.00	42.45 0.17 0.00	43.32 0.17 0.00	47.01 0.28 0.00	50.40 0.40 0.00	53.18 0.27 0.00	56.03 -0.34 0.00	65.07 -0.59 0.00	59.40 -0.60 0.00	54.55 -0.22 0.00	52.09 0.31 0.00	47.31 0.24 0.00	43.72 0.22 0.00	39.90 0.12 0.00
ST_LAW_230_BK6_LBMP 345036	37.27 -0.04 0.00	35.55 0.00 0.00	35.77 0.00 0.00	35.96 0.04 0.00	36.22 0.11 0.00	41.04 0.16 0.00	49.56 0.20 0.00	54.92 -0.38 0.00	54.55 0.16 0.00	47.03 0.19 0.00	44.48 0.22 0.00	42.45 0.17 0.00	43.32 0.17 0.00	47.01 0.28 0.00	50.40 0.40 0.00	53.18 0.27 0.00	56.03 -0.34 0.00	65.07 -0.59 0.00	59.40 -0.60 0.00	54.55 -0.22 0.00	52.09 0.31 0.00	47.31 0.24 0.00	43.72 0.22 0.00	39.90 0.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.76 1.45 0.00	36.87 1.32 0.00	36.91 1.14 0.00	36.97 1.04 0.00	37.12 1.01 0.00	42.06 1.19 0.00	50.94 1.58 0.00	57.90 2.60 0.00	56.39 2.01 0.00	48.58 1.73 0.00	45.90 1.64 0.00	43.88 1.61 0.00	44.74 1.60 0.00	48.41 1.68 0.00	51.75 1.75 0.00	54.87 1.96 0.00	59.35 2.99 0.00	69.41 3.74 0.00	63.48 3.48 0.00	57.56 2.79 0.00	54.16 2.38 0.00	49.24 2.17 0.00	45.16 1.65 0.00	41.37 1.59 0.00
SWANROAD_115KV_TB1 355699	35.51 -1.79 0.00	33.78 -1.78 0.00	34.02 -1.75 0.00	34.41 -1.51 0.00	34.34 -1.77 0.00	39.40 -1.47 0.00	46.05 -3.31 0.00	50.66 -4.65 0.00	50.03 -4.35 0.00	43.24 -3.61 0.00	41.12 -3.14 0.00	39.06 -3.21 0.00	39.95 -3.19 0.00	43.78 -2.94 0.00	46.05 -3.95 0.00	48.10 -4.81 0.00	50.56 -5.81 0.00	59.23 -6.43 0.00	53.40 -6.60 0.00	48.58 -6.19 0.00	44.89 -6.89 0.00	41.15 -5.93 0.00	40.02 -3.48 0.00	36.92 -2.86 0.00
SYNERGY___BIOGAS 323694	37.15 -0.15 0.00	35.38 -0.18 0.00	35.63 -0.14 0.00	36.03 0.11 0.00	35.96 -0.14 0.00	41.20 0.33 0.00	48.57 -0.79 0.00	54.19 -1.11 0.00	53.29 -1.09 0.00	46.05 -0.80 0.00	43.68 -0.58 0.00	41.39 -0.89 0.00	42.41 -0.73 0.00	46.45 -0.28 0.00	49.10 -0.90 0.00	51.53 -1.38 0.00	54.23 -2.14 0.00	63.82 -1.84 0.00	57.54 -2.46 0.00	52.36 -2.41 0.00	48.25 -3.52 0.00	44.11 -2.96 0.00	42.29 -1.22 0.00	38.87 -0.91 0.00
SYRACUSE___ENERGY_ST1 323597	36.78 -0.52 0.00	35.02 -0.53 0.00	35.23 -0.54 0.00	35.42 -0.50 0.00	35.57 -0.54 0.00	40.55 -0.33 0.00	48.96 -0.39 0.00	55.19 -0.11 0.00	54.00 -0.38 0.00	46.56 -0.28 0.00	43.95 -0.31 0.00	41.98 -0.30 0.00	42.89 -0.26 0.00	46.49 -0.23 0.00	49.65 -0.35 0.00	52.43 -0.48 0.00	56.03 -0.34 0.00	65.33 -0.33 0.00	59.64 -0.36 0.00	54.00 -0.77 0.00	50.79 -0.98 0.00	46.18 -0.89 0.00	42.85 -0.65 0.00	39.19 -0.60 0.00
SYRACUSE___ENERGY_ST2 323598	36.78 -0.52 0.00	35.02 -0.53 0.00	35.23 -0.54 0.00	35.42 -0.50 0.00	35.57 -0.54 0.00	40.55 -0.33 0.00	48.96 -0.39 0.00	55.19 -0.11 0.00	54.00 -0.38 0.00	46.56 -0.28 0.00	43.95 -0.31 0.00	41.98 -0.30 0.00	42.89 -0.26 0.00	46.49 -0.23 0.00	49.65 -0.35 0.00	52.43 -0.48 0.00	56.03 -0.34 0.00	65.33 -0.33 0.00	59.64 -0.36 0.00	54.00 -0.77 0.00	50.79 -0.98 0.00	46.18 -0.89 0.00	42.85 -0.65 0.00	39.19 -0.60 0.00
SYRACUSE___POWER 24017	36.93 -0.37 0.00	35.16 -0.39 0.00	35.38 -0.39 0.00	35.56 -0.36 0.00	35.71 -0.40 0.00	40.59 -0.29 0.00	49.01 -0.35 0.00	55.19 -0.11 0.00	54.00 -0.38 0.00	46.52 -0.33 0.00	43.95 -0.31 0.00	41.98 -0.30 0.00	42.89 -0.26 0.00	46.49 -0.23 0.00	49.65 -0.35 0.00	52.43 -0.48 0.00	56.03 -0.34 0.00	65.33 -0.33 0.00	59.58 -0.42 0.00	54.16 -0.60 0.00	50.89 -0.88 0.00	46.32 -0.75 0.00	42.98 -0.52 0.00	39.31 -0.48 0.00
TALLMAN___138KV_BK151 55660	38.80 1.49 0.00	36.91 1.35 0.00	36.91 1.14 0.00	36.97 1.04 0.00	37.12 1.01 0.00	42.06 1.19 0.00	50.99 1.63 0.00	58.01 2.71 0.00	56.50 2.12 0.00	48.67 1.83 0.00	45.99 1.73 0.00	43.97 1.69 0.00	44.83 1.68 0.00	48.50 1.78 0.00	51.85 1.85 0.00	54.92 2.01 0.00	59.47 3.10 0.00	69.60 3.94 0.00	63.60 3.60 0.00	57.72 2.96 0.00	54.26 2.49 0.00	49.34 2.26 0.00	45.25 1.74 0.00	41.41 1.63 0.00
TEALLAVE_115KV_TB7 355573	36.74 -0.56 0.00	34.99 -0.57 0.00	35.20 -0.57 0.00	35.38 -0.54 0.00	35.57 -0.54 0.00	40.43 -0.45 0.00	48.72 -0.64 0.00	54.86 -0.44 0.00	53.73 -0.65 0.00	46.28 -0.56 0.00	43.73 -0.53 0.00	41.77 -0.51 0.00	42.63 -0.52 0.00	46.26 -0.47 0.00	49.40 -0.60 0.00	52.17 -0.74 0.00	55.69 -0.68 0.00	64.94 -0.72 0.00	59.22 -0.78 0.00	53.78 -0.99 0.00	50.58 -1.19 0.00	46.04 -1.04 0.00	42.72 -0.78 0.00	39.11 -0.68 0.00
TELGRAPH_34_KV_EAST 80808	36.67 -0.63 0.00	34.88 -0.68 0.00	35.13 -0.64 0.00	35.53 -0.40 0.00	35.49 -0.61 0.00	40.67 -0.20 0.00	47.78 -1.58 0.00	52.92 -2.38 0.00	52.21 -2.18 0.00	45.11 -1.73 0.00	42.84 -1.42 0.00	40.63 -1.65 0.00	41.64 -1.51 0.00	45.60 -1.12 0.00	48.05 -1.95 0.00	50.26 -2.65 0.00	52.99 -3.38 0.00	62.05 -3.61 0.00	55.98 -4.02 0.00	50.93 -3.83 0.00	47.06 -4.71 0.00	43.03 -4.05 0.00	41.50 -2.00 0.00	38.19 -1.59 0.00
TEMPLE___115KV_TB 2 55572	36.78 -0.52 0.00	35.02 -0.53 0.00	35.23 -0.54 0.00	35.42 -0.50 0.00	35.57 -0.54 0.00	40.43 -0.45 0.00	48.77 -0.59 0.00	54.91 -0.39 0.00	53.78 -0.60 0.00	46.33 -0.52 0.00	43.77 -0.49 0.00	41.81 -0.47 0.00	42.67 -0.47 0.00	46.31 -0.42 0.00	49.40 -0.60 0.00	52.17 -0.74 0.00	55.75 -0.62 0.00	64.94 -0.72 0.00	59.28 -0.72 0.00	53.83 -0.93 0.00	50.64 -1.14 0.00	46.09 -0.99 0.00	42.77 -0.74 0.00	39.15 -0.64 0.00
TIANA____69_KV_BK 1 55817	40.32 3.02 0.00	37.47 1.92 0.00	37.16 1.40 0.00	37.25 1.33 0.00	37.52 1.41 0.00	42.92 2.04 0.00	51.14 1.78 0.00	58.67 3.37 0.00	56.99 2.61 0.00	48.95 2.11 0.00	46.69 2.43 0.00	44.81 2.54 0.00	45.60 2.46 0.00	48.60 1.87 0.00	52.00 2.00 0.00	55.29 2.38 0.00	61.78 5.41 0.00	73.16 7.49 -0.01	66.18 6.18 0.00	59.75 4.98 0.00	55.50 3.73 0.00	49.76 2.68 0.00	45.90 2.39 0.00	41.61 1.83 0.00
TILDEN___115KV_TB1 80814	36.93 -0.37 0.00	35.16 -0.39 0.00	35.38 -0.39 0.00	35.56 -0.36 0.00	35.71 -0.40 0.00	40.59 -0.29 0.00	49.01 -0.35 0.00	55.19 -0.11 0.00	54.00 -0.38 0.00	46.52 -0.33 0.00	43.95 -0.31 0.00	41.98 -0.30 0.00	42.89 -0.26 0.00	46.49 -0.23 0.00	49.65 -0.35 0.00	52.43 -0.48 0.00	56.03 -0.34 0.00	65.33 -0.33 0.00	59.58 -0.42 0.00	54.16 -0.60 0.00	50.89 -0.88 0.00	46.32 -0.75 0.00	42.98 -0.52 0.00	39.31 -0.48 0.00

TRIGEN___CC 323695	39.51 2.20 0.00	37.19 1.64 0.00	36.99 1.22 0.00	37.04 1.11 0.00	37.23 1.12 0.00	42.43 1.55 0.00	50.84 1.48 0.00	58.07 2.77 0.00	56.50 2.12 0.00	48.72 1.87 0.00	46.52 2.26 0.00	44.69 2.41 0.00	45.52 2.37 0.00	48.92 2.20 0.00	52.15 2.15 0.00	55.29 2.38 0.00	60.60 4.23 0.00	71.13 5.45 -0.02	64.80 4.80 0.00	58.60 3.83 0.00	55.04 3.26 0.00	50.00 2.92 0.00	46.07 2.57 0.00	41.77 1.99 0.00
TRINITY___115KV___4 BK 55933	37.83 0.52 0.00	36.02 0.46 0.00	36.20 0.43 0.00	36.32 0.40 0.00	36.51 0.40 0.00	41.28 0.41 0.00	50.00 0.64 0.00	56.46 1.16 0.00	55.03 0.65 0.00	47.27 0.42 0.00	44.57 0.31 0.00	42.66 0.38 0.00	43.49 0.35 0.00	46.96 0.23 0.00	50.35 0.35 0.00	53.44 0.53 0.00	57.66 1.30 0.00	67.37 1.71 0.00	61.62 1.62 0.00	56.02 1.26 0.00	52.81 1.04 0.00	48.02 0.94 0.00	44.16 0.65 0.00	40.46 0.68 0.00
UNION___PROCESSING_DRP 323587	36.52 -0.78 0.00	34.77 -0.78 0.00	34.98 -0.79 0.00	35.31 -0.61 0.00	35.35 -0.76 0.00	40.30 -0.57 0.00	47.93 -1.43 0.00	53.53 -1.77 0.00	52.70 -1.69 0.00	45.53 -1.31 0.00	43.11 -1.15 0.00	41.01 -1.27 0.00	41.98 -1.16 0.00	45.75 -0.98 0.00	48.45 -1.55 0.00	50.95 -1.96 0.00	53.94 -2.42 0.00	63.10 -2.56 0.00	57.30 -2.70 0.00	52.14 -2.63 0.00	48.51 -3.26 0.00	44.30 -2.78 0.00	41.94 -1.57 0.00	38.47 -1.31 0.00
UPPER HUDSON___HYD 24058	38.16 0.86 0.00	36.55 0.99 0.00	36.59 0.82 0.00	36.64 0.72 0.00	36.79 0.68 0.00	41.85 0.98 0.00	50.99 1.63 0.00	57.35 2.05 0.00	55.79 1.41 0.00	47.78 0.94 0.00	44.88 0.62 0.00	42.95 0.67 0.00	43.75 0.60 0.00	47.52 0.79 0.00	51.05 1.05 0.00	54.34 1.43 0.00	58.68 2.31 0.00	68.69 3.02 0.00	62.70 2.70 0.00	56.96 2.19 0.00	53.59 1.81 0.00	48.58 1.51 0.00	44.63 1.13 0.00	40.94 1.15 0.00
UPPER RAQUET___HYD 24056	37.42 0.11 0.00	35.91 0.36 0.00	36.09 0.32 0.00	36.21 0.29 0.00	36.65 0.54 0.00	42.27 1.39 0.00	52.02 2.66 0.00	58.40 3.09 0.00	57.48 3.10 0.00	48.81 1.97 0.00	46.30 2.04 0.00	44.01 1.73 0.00	45.04 1.90 0.00	49.25 2.52 0.00	53.05 3.05 0.00	55.98 3.07 0.00	59.64 3.27 0.00	66.32 0.66 0.00	63.00 3.00 0.00	57.45 2.68 0.00	54.47 2.69 0.00	49.24 2.17 0.00	45.03 1.52 0.00	40.82 1.03 0.00
VALLEY44_115KV_TB2 355964	36.93 -0.37 0.00	35.13 -0.43 0.00	35.38 -0.39 0.00	35.74 -0.18 0.00	35.75 -0.36 0.00	40.92 0.04 0.00	48.32 -1.04 0.00	53.53 -1.77 0.00	52.53 -1.85 0.00	45.39 -1.45 0.00	43.15 -1.11 0.00	41.01 -1.27 0.00	41.98 -1.16 0.00	46.03 -0.70 0.00	48.45 -1.55 0.00	50.58 -2.33 0.00	53.94 -2.42 0.00	63.17 -2.50 0.00	56.94 -3.06 0.00	51.92 -2.85 0.00	47.89 -3.88 0.00	43.83 -3.25 0.00	42.03 -1.48 0.00	38.71 -1.07 0.00
VALLEY___115KV_TB 1-4 80826	37.79 0.48 0.00	36.09 0.53 0.00	36.38 0.61 0.00	36.53 0.61 0.00	36.79 0.69 0.00	41.73 0.86 0.00	50.49 1.14 0.00	56.85 1.55 0.00	55.80 1.41 0.00	48.02 1.17 0.00	45.41 1.15 0.00	43.38 1.10 0.00	44.31 1.16 0.00	47.99 1.26 0.00	51.30 1.30 0.00	54.23 1.32 0.00	57.95 1.58 0.00	67.50 1.84 0.00	61.74 1.74 0.00	56.30 1.53 0.00	53.12 1.35 0.00	48.25 1.18 0.00	44.51 1.00 0.00	40.66 0.88 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.24 1.94 0.00	37.51 1.96 0.00	37.81 2.04 0.00	37.83 1.90 0.00	37.99 1.88 0.00	43.08 2.21 0.00	52.17 2.81 0.00	59.12 3.82 0.00	57.64 3.26 0.00	49.52 2.67 0.00	46.83 2.57 0.00	44.73 2.45 0.00	45.65 2.50 0.00	49.44 2.71 0.00	52.85 2.85 0.00	55.77 2.86 0.00	59.81 3.44 0.00	69.73 4.07 0.00	63.72 3.72 0.00	57.94 3.18 0.00	54.57 2.80 0.00	49.62 2.54 0.00	45.77 2.26 0.00	41.85 2.07 0.00
VISCHER___FERRY HYD 24020	38.50 1.19 0.00	36.69 1.14 0.00	36.84 1.07 0.00	36.97 1.04 0.00	37.16 1.05 0.00	42.10 1.23 0.00	51.04 1.68 0.00	57.57 2.27 0.00	56.01 1.63 0.00	48.11 1.27 0.00	45.28 1.02 0.00	43.37 1.10 0.00	44.18 1.03 0.00	47.66 0.93 0.00	51.15 1.15 0.00	54.45 1.54 0.00	58.84 2.48 0.00	68.69 3.02 0.00	62.82 2.82 0.00	57.17 2.41 0.00	53.85 2.07 0.00	48.87 1.79 0.00	45.03 1.52 0.00	41.29 1.51 0.00
V_A_10_SYNC_DSASP 323832	35.92 -1.38 0.00	34.17 -1.39 0.00	34.41 -1.36 0.00	34.77 -1.15 0.00	34.74 -1.37 0.00	39.77 -1.10 0.00	46.79 -2.57 0.00	51.82 -3.48 0.00	51.06 -3.32 0.00	44.08 -2.76 0.00	41.87 -2.39 0.00	39.82 -2.45 0.00	40.73 -2.42 0.00	44.48 -2.24 0.00	47.05 -2.95 0.00	49.37 -3.54 0.00	51.91 -4.45 0.00	60.93 -4.73 0.00	55.02 -4.98 0.00	50.11 -4.66 0.00	46.34 -5.44 0.00	42.47 -4.61 0.00	40.81 -2.70 0.00	37.59 -2.19 0.00
V_CMM_10_SYNC_DSASP 323787	37.49 0.19 0.00	35.81 0.25 0.00	35.99 0.22 0.00	36.21 0.29 0.00	36.47 0.36 0.00	41.33 0.45 0.00	49.90 0.54 0.00	55.25 -0.06 0.00	54.93 0.54 0.00	47.27 0.42 0.00	44.75 0.49 0.00	42.66 0.38 0.00	43.58 0.43 0.00	47.29 0.56 0.00	50.70 0.70 0.00	53.49 0.58 0.00	56.42 0.06 0.00	65.47 -0.20 0.00	59.82 -0.18 0.00	54.87 0.11 0.00	52.40 0.62 0.00	47.60 0.52 0.00	43.98 0.48 0.00	40.14 0.36 0.00
V_CMP_10_SYNC_DSASP 323788	37.19 -0.11 0.00	35.59 0.04 0.00	35.84 0.07 0.00	36.10 0.18 0.00	36.58 0.47 0.00	41.69 0.82 0.00	50.69 1.33 0.00	56.07 0.77 0.00	55.85 1.47 0.00	47.97 1.12 0.00	45.46 1.20 0.00	43.21 0.93 0.00	44.18 1.03 0.00	48.18 1.45 0.00	51.85 1.85 0.00	54.87 1.96 0.00	57.94 1.58 0.00	66.45 0.79 0.00	60.72 0.72 0.00	56.35 1.59 0.00	53.85 2.07 0.00	48.72 1.65 0.00	44.99 1.48 0.00	40.82 1.03 0.00
V_D_10_SYNC_DSASP 323841	37.68 0.37 0.00	35.95 0.39 0.00	36.13 0.36 0.00	36.36 0.43 0.00	36.61 0.51 0.00	41.53 0.65 0.00	50.15 0.79 0.00	55.52 0.22 0.00	55.14 0.76 0.00	47.45 0.61 0.00	44.93 0.66 0.00	42.82 0.55 0.00	43.75 0.60 0.00	47.43 0.70 0.00	50.90 0.90 0.00	53.71 0.79 0.00	56.65 0.28 0.00	65.73 0.07 0.00	60.00 0.00 0.00	55.09 0.33 0.00	52.60 0.83 0.00	47.74 0.66 0.00	44.16 0.65 0.00	40.30 0.52 0.00
V_E_10_SYNC_DSASP 323830	40.10 2.80 0.00	38.40 2.85 0.00	38.67 2.90 0.00	38.69 2.77 0.00	38.93 2.82 0.00	44.68 3.80 0.00	54.29 4.94 0.00	66.36 11.06 0.00	63.84 9.46 0.00	54.34 7.49 0.00	51.43 7.17 0.00	49.08 6.81 0.00	50.13 6.99 0.00	54.77 8.04 0.00	58.70 8.70 0.00	61.91 8.99 0.00	66.46 10.09 0.00	72.62 6.96 0.00	66.30 6.30 0.00	60.13 5.37 0.00	56.33 4.56 0.00	51.13 4.05 0.00	47.07 3.57 0.00	42.89 3.11 0.00
V_F_30_NSYNC___DSASP 323816	38.83 1.53 0.00	37.12 1.56 0.00	37.20 1.43 0.00	37.29 1.36 0.00	37.48 1.37 0.00	42.55 1.68 0.00	51.73 2.37 0.00	58.17 2.87 0.00	56.61 2.23 0.00	48.53 1.68 0.00	45.63 1.37 0.00	43.67 1.39 0.00	44.48 1.34 0.00	48.22 1.49 0.00	51.80 1.80 0.00	55.08 2.17 0.00	59.47 3.10 0.00	69.54 3.87 0.00	63.54 3.54 0.00	57.77 3.01 0.00	54.36 2.59 0.00	49.34 2.26 0.00	45.42 1.91 0.00	41.65 1.87 0.00

V_F_30_SYNC_DSASP 323786	37.90 0.60 0.00	36.12 0.57 0.00	36.27 0.50 0.00	36.39 0.47 0.00	36.58 0.47 0.00	41.37 0.49 0.00	50.15 0.79 0.00	56.57 1.27 0.00	55.14 0.76 0.00	47.41 0.56 0.00	44.70 0.44 0.00	42.78 0.51 0.00	43.58 0.43 0.00	47.10 0.37 0.00	50.55 0.55 0.00	53.60 0.69 0.00	57.83 1.47 0.00	67.57 1.90 0.00	61.80 1.80 0.00	56.13 1.37 0.00	52.97 1.19 0.00	48.11 1.04 0.00	44.24 0.74 0.00	40.54 0.76 0.00
V_XM_10_SYNC_DSASP 323789	37.19 -0.11 0.00	35.59 0.04 0.00	35.84 0.07 0.00	36.10 0.18 0.00	36.58 0.47 0.00	41.69 0.82 0.00	50.69 1.33 0.00	56.07 0.77 0.00	55.85 1.47 0.00	47.97 1.12 0.00	45.46 1.20 0.00	43.21 0.93 0.00	44.18 1.03 0.00	48.18 1.45 0.00	51.85 1.85 0.00	54.87 1.96 0.00	57.94 1.58 0.00	66.45 0.79 0.00	60.72 0.72 0.00	56.35 1.59 0.00	53.85 2.07 0.00	48.72 1.65 0.00	44.99 1.48 0.00	40.82 1.03 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.91 1.60 0.00	37.01 1.46 0.00	37.02 1.25 0.00	37.07 1.15 0.00	37.23 1.12 0.00	42.18 1.31 0.00	51.14 1.78 0.00	58.18 2.88 0.00	56.67 2.28 0.00	48.77 1.92 0.00	46.12 1.86 0.00	44.09 1.82 0.00	44.96 1.81 0.00	48.64 1.92 0.00	51.95 1.95 0.00	55.08 2.17 0.00	59.64 3.27 0.00	69.80 4.14 0.00	63.78 3.78 0.00	57.89 3.12 0.00	54.42 2.64 0.00	49.48 2.40 0.00	45.38 1.87 0.00	41.53 1.75 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.47 2.16 0.00	37.51 1.96 0.00	37.49 1.72 0.00	37.47 1.54 0.00	37.62 1.52 0.00	42.71 1.84 0.00	51.98 2.62 0.00	59.28 3.98 0.00	57.86 3.48 0.00	49.84 3.00 0.00	47.18 2.92 0.00	45.15 2.87 0.00	46.08 2.93 0.00	49.86 3.13 0.00	53.25 3.25 0.00	56.40 3.49 0.00	60.99 4.62 0.00	71.44 5.78 0.00	65.16 5.16 0.00	58.98 4.22 0.00	55.50 3.73 0.00	50.42 3.34 0.00	46.16 2.65 0.00	42.13 2.35 0.00
W50THST__13_KV_LOAD 356117	39.50 2.20 0.00	37.55 1.99 0.00	37.49 1.72 0.00	37.50 1.58 0.00	37.66 1.55 0.00	42.76 1.88 0.00	51.98 2.62 0.00	59.34 4.04 0.00	57.92 3.53 0.00	49.89 3.04 0.00	47.23 2.97 0.00	45.15 2.87 0.00	46.08 2.93 0.00	49.90 3.18 0.00	53.30 3.30 0.00	56.46 3.55 0.00	61.05 4.68 0.00	71.44 5.78 0.00	65.16 5.16 0.00	59.04 4.27 0.00	55.55 3.78 0.00	50.47 3.39 0.00	46.20 2.70 0.00	42.17 2.39 0.00
WADING RIVER_IC_1 23522	39.58 2.28 0.00	37.19 1.64 0.00	36.88 1.11 0.00	36.93 1.00 0.00	37.19 1.08 0.00	42.55 1.68 0.00	50.69 1.33 0.00	57.95 2.65 0.00	56.45 2.07 0.00	48.48 1.64 0.00	46.12 1.86 0.00	44.18 1.90 0.00	45.09 1.94 0.00	47.94 1.21 0.00	51.05 1.05 0.00	54.92 2.01 0.00	61.22 4.85 0.00	71.58 5.91 -0.01	65.58 5.58 0.00	59.42 4.65 0.00	55.92 4.14 0.00	50.00 2.92 0.00	45.42 1.91 0.00	41.25 1.47 0.00
WADING RIVER_IC_2 23547	39.58 2.28 0.00	37.19 1.64 0.00	36.88 1.11 0.00	36.93 1.00 0.00	37.19 1.08 0.00	42.55 1.68 0.00	50.69 1.33 0.00	57.95 2.65 0.00	56.45 2.07 0.00	48.48 1.64 0.00	46.12 1.86 0.00	44.18 1.90 0.00	45.09 1.94 0.00	47.94 1.21 0.00	51.05 1.05 0.00	54.92 2.01 0.00	61.22 4.85 0.00	71.58 5.91 -0.01	65.58 5.58 0.00	59.42 4.65 0.00	55.92 4.14 0.00	50.00 2.92 0.00	45.42 1.91 0.00	41.25 1.47 0.00
WADING RIVER_IC_3 23601	39.58 2.28 0.00	37.19 1.64 0.00	36.88 1.11 0.00	36.93 1.00 0.00	37.19 1.08 0.00	42.55 1.68 0.00	50.69 1.33 0.00	57.95 2.65 0.00	56.45 2.07 0.00	48.48 1.64 0.00	46.12 1.86 0.00	44.18 1.90 0.00	45.09 1.94 0.00	47.94 1.21 0.00	51.05 1.05 0.00	54.92 2.01 0.00	61.22 4.85 0.00	71.58 5.91 -0.01	65.58 5.58 0.00	59.42 4.65 0.00	55.92 4.14 0.00	50.00 2.92 0.00	45.42 1.91 0.00	41.25 1.47 0.00
WALDENNY_12_KV_BK2 80841	36.82 -0.48 0.00	34.99 -0.57 0.00	35.27 -0.50 0.00	35.67 -0.25 0.00	35.60 -0.51 0.00	40.87 0.00 0.00	47.98 -1.38 0.00	52.98 -2.32 0.00	52.26 -2.12 0.00	45.16 -1.69 0.00	42.98 -1.28 0.00	40.80 -1.48 0.00	41.76 -1.38 0.00	45.84 -0.89 0.00	48.15 -1.85 0.00	50.21 -2.70 0.00	52.93 -3.44 0.00	61.99 -3.68 0.00	55.80 -4.20 0.00	50.71 -4.05 0.00	46.86 -4.92 0.00	42.84 -4.24 0.00	41.50 -2.00 0.00	38.15 -1.63 0.00
WALDEN__HYDRO 24148	39.09 1.79 0.00	37.19 1.64 0.00	37.20 1.43 0.00	37.25 1.33 0.00	37.41 1.30 0.00	42.47 1.59 0.00	51.43 2.07 0.00	58.40 3.10 0.00	56.83 2.45 0.00	48.91 2.06 0.00	46.16 1.90 0.00	44.14 1.86 0.00	44.96 1.81 0.00	48.69 1.96 0.00	52.05 2.05 0.00	55.24 2.33 0.00	59.86 3.49 0.00	70.06 4.40 0.00	64.08 4.08 0.00	58.05 3.29 0.00	54.62 2.85 0.00	49.62 2.54 0.00	45.51 2.00 0.00	41.73 1.95 0.00
WARRENSBURG____ 23737	38.16 0.86 0.00	36.55 0.99 0.00	36.59 0.82 0.00	36.64 0.72 0.00	36.79 0.68 0.00	41.85 0.98 0.00	50.99 1.63 0.00	57.35 2.05 0.00	55.79 1.41 0.00	47.78 0.94 0.00	44.88 0.62 0.00	42.95 0.67 0.00	43.75 0.60 0.00	47.52 0.79 0.00	51.05 1.05 0.00	54.34 1.43 0.00	58.68 2.31 0.00	68.69 3.02 0.00	62.70 2.70 0.00	56.96 2.19 0.00	53.59 1.81 0.00	48.58 1.51 0.00	44.63 1.13 0.00	40.94 1.15 0.00
WATERSIDE____6 8 9 23538	39.32 2.01 0.00	37.37 1.81 0.00	37.31 1.54 0.00	37.29 1.37 0.00	37.44 1.34 0.00	42.39 1.51 0.00	51.53 2.17 0.00	58.84 3.54 0.00	57.37 2.99 0.00	49.47 2.62 0.00	46.78 2.52 0.00	44.77 2.49 0.00	45.69 2.55 0.00	49.44 2.71 0.00	52.80 2.80 0.00	55.93 3.02 0.00	60.54 4.17 0.00	70.91 5.25 0.00	64.68 4.68 0.00	58.54 3.78 0.00	55.19 3.42 0.00	50.14 3.06 0.00	45.85 2.35 0.00	41.93 2.15 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.75 0.45 0.00	36.05 0.50 0.00	36.27 0.50 0.00	36.43 0.50 0.00	36.65 0.54 0.00	41.49 0.61 0.00	50.20 0.84 0.00	56.46 1.16 0.00	55.36 0.98 0.00	47.64 0.80 0.00	45.01 0.75 0.00	43.04 0.76 0.00	43.92 0.78 0.00	47.57 0.84 0.00	50.90 0.90 0.00	53.81 0.90 0.00	57.49 1.13 0.00	67.04 1.38 0.00	61.26 1.26 0.00	55.91 1.15 0.00	52.76 0.98 0.00	47.92 0.85 0.00	44.24 0.74 0.00	40.42 0.64 0.00
WATSON____69_KV_BK 1 55734	40.44 3.13 0.00	37.79 2.24 0.00	37.49 1.72 0.00	37.50 1.58 0.00	37.77 1.66 0.00	43.16 2.29 0.00	51.43 2.07 0.00	58.89 3.59 0.00	57.26 2.88 0.00	49.28 2.44 0.00	47.18 2.92 0.00	45.40 3.13 0.00	46.17 3.02 0.00	49.48 2.76 0.00	52.85 2.85 0.00	56.19 3.28 0.00	62.23 5.86 0.00	73.22 7.55 -0.01	66.54 6.54 0.00	60.08 5.31 0.00	56.23 4.45 0.00	50.80 3.72 0.00	46.94 3.44 0.00	42.33 2.55 0.00
WDELAWARE__HYD 323627	39.32 2.01 0.00	37.44 1.88 0.00	37.45 1.68 0.00	37.54 1.62 0.00	37.66 1.55 0.00	42.88 2.00 0.00	51.92 2.57 0.00	58.79 3.49 0.00	57.21 2.83 0.00	49.14 2.29 0.00	46.34 2.08 0.00	44.26 1.99 0.00	45.04 1.90 0.00	48.83 2.10 0.00	52.20 2.20 0.00	55.66 2.75 0.00	60.25 3.89 0.00	70.45 4.79 0.00	64.50 4.50 0.00	58.49 3.73 0.00	54.93 3.16 0.00	49.90 2.82 0.00	45.68 2.17 0.00	42.05 2.27 0.00

WEST BABYLON___IC 23714	40.25 2.95 0.00	37.69 2.13 0.00	37.42 1.65 0.00	37.36 1.44 0.00	37.59 1.48 0.00	42.96 2.08 0.00	51.23 1.88 0.00	58.62 3.32 0.00	56.99 2.61 0.00	49.09 2.25 0.00	47.05 2.79 0.00	45.24 2.96 0.00	45.99 2.85 0.00	49.39 2.66 0.00	52.70 2.70 0.00	55.98 3.07 0.00	61.84 5.47 0.00	72.70 7.03 -0.01	66.06 6.06 0.00	59.75 4.98 0.00	55.92 4.14 0.00	50.65 3.58 0.00	46.85 3.35 0.00	42.29 2.51 0.00
WEST CANADA___HYD 24049	37.42 0.11 0.00	35.66 0.11 0.00	35.88 0.11 0.00	36.00 0.07 0.00	36.18 0.07 0.00	40.92 0.04 0.00	49.41 0.05 0.00	55.58 0.28 0.00	54.49 0.11 0.00	46.94 0.09 0.00	44.30 0.04 0.00	42.36 0.08 0.00	43.23 0.09 0.00	46.77 0.05 0.00	50.05 0.05 0.00	53.02 0.11 0.00	56.65 0.28 0.00	65.99 0.33 0.00	60.30 0.30 0.00	55.04 0.28 0.00	51.93 0.16 0.00	47.22 0.14 0.00	43.59 0.09 0.00	39.90 0.12 0.00
WESTERN_NY_WIND 24143	37.12 -0.19 0.00	35.34 -0.21 0.00	35.59 -0.18 0.00	36.03 0.11 0.00	35.96 -0.14 0.00	41.20 0.33 0.00	48.52 -0.84 0.00	54.03 -1.27 0.00	53.24 -1.14 0.00	46.00 -0.84 0.00	43.64 -0.62 0.00	41.35 -0.93 0.00	42.33 -0.82 0.00	46.40 -0.33 0.00	48.95 -1.05 0.00	51.27 -1.64 0.00	54.11 -2.25 0.00	63.43 -2.23 0.00	57.30 -2.70 0.00	52.14 -2.63 0.00	48.15 -3.62 0.00	43.97 -3.11 0.00	42.20 -1.31 0.00	38.75 -1.03 0.00
WESTOVER___LESR 323668	37.64 0.34 0.00	35.84 0.28 0.00	36.09 0.32 0.00	36.32 0.40 0.00	36.43 0.32 0.00	41.41 0.53 0.00	49.85 0.49 0.00	56.02 0.72 0.00	54.82 0.44 0.00	47.17 0.33 0.00	44.61 0.35 0.00	42.57 0.30 0.00	43.49 0.35 0.00	47.24 0.51 0.00	50.35 0.35 0.00	53.12 0.21 0.00	56.59 0.23 0.00	66.06 0.39 0.00	60.18 0.18 0.00	54.76 0.00 0.00	51.31 -0.47 0.00	46.70 -0.38 0.00	43.51 0.00 0.00	39.86 0.08 0.00
WETHRSFD_WT_PWR 323626	36.86 -0.45 0.00	35.02 -0.53 0.00	35.34 -0.43 0.00	35.67 -0.25 0.00	35.75 -0.36 0.00	40.96 0.08 0.00	48.37 -0.99 0.00	53.75 -1.55 0.00	52.80 -1.58 0.00	45.53 -1.31 0.00	43.24 -1.02 0.00	41.14 -1.14 0.00	42.07 -1.08 0.00	46.07 -0.65 0.00	48.65 -1.35 0.00	51.01 -1.90 0.00	53.78 -2.59 0.00	63.03 -2.63 0.00	56.76 -3.24 0.00	51.53 -3.23 0.00	47.48 -4.30 0.00	43.31 -3.77 0.00	41.42 -2.09 0.00	38.11 -1.67 0.00
WHAVSTOR_138KV_BK127 55557	38.76 1.45 0.00	36.91 1.35 0.00	36.88 1.11 0.00	36.93 1.01 0.00	37.08 0.97 0.00	42.02 1.14 0.00	50.94 1.58 0.00	57.95 2.65 0.00	56.45 2.07 0.00	48.63 1.78 0.00	45.99 1.73 0.00	43.97 1.69 0.00	44.83 1.68 0.00	48.46 1.73 0.00	51.80 1.80 0.00	54.92 2.01 0.00	59.41 3.04 0.00	69.54 3.87 0.00	63.54 3.54 0.00	57.67 2.90 0.00	54.26 2.49 0.00	49.34 2.26 0.00	45.25 1.74 0.00	41.41 1.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.76 1.45 0.00	36.91 1.35 0.00	36.88 1.11 0.00	36.93 1.01 0.00	37.08 0.97 0.00	42.02 1.14 0.00	50.94 1.58 0.00	57.95 2.65 0.00	56.45 2.07 0.00	48.63 1.78 0.00	45.99 1.73 0.00	43.97 1.69 0.00	44.83 1.68 0.00	48.46 1.73 0.00	51.80 1.80 0.00	54.92 2.01 0.00	59.41 3.04 0.00	69.54 3.87 0.00	63.54 3.54 0.00	57.67 2.90 0.00	54.26 2.49 0.00	49.34 2.26 0.00	45.25 1.74 0.00	41.41 1.63 0.00
WHITEHAL_115KV_TB1 80871	38.80 1.49 0.00	37.19 1.64 0.00	37.20 1.43 0.00	37.22 1.29 0.00	37.41 1.30 0.00	42.67 1.80 0.00	52.12 2.76 0.00	58.51 3.21 0.00	56.88 2.50 0.00	48.63 1.78 0.00	45.63 1.37 0.00	43.71 1.44 0.00	44.48 1.34 0.00	48.46 1.73 0.00	52.10 2.10 0.00	55.24 2.33 0.00	59.75 3.38 0.00	70.13 4.47 0.00	63.96 3.96 0.00	58.05 3.29 0.00	54.57 2.80 0.00	49.53 2.45 0.00	45.38 1.87 0.00	41.65 1.87 0.00
WHITEPLN_13_KV_LOAD 356215	39.35 2.05 0.00	37.44 1.88 0.00	37.42 1.65 0.00	37.43 1.51 0.00	37.59 1.48 0.00	42.67 1.80 0.00	51.88 2.52 0.00	58.95 3.65 0.00	57.48 3.10 0.00	49.42 2.58 0.00	46.78 2.52 0.00	44.69 2.41 0.00	45.60 2.46 0.00	49.34 2.62 0.00	52.80 2.80 0.00	55.98 3.07 0.00	60.60 4.23 0.00	71.05 5.38 0.00	64.74 4.74 0.00	58.65 3.89 0.00	55.24 3.47 0.00	50.18 3.11 0.00	45.98 2.48 0.00	42.01 2.23 0.00
WM_FLOYD_69_KV_BK2 356380	40.18 2.87 0.00	37.40 1.85 0.00	37.09 1.32 0.00	37.14 1.22 0.00	37.41 1.30 0.00	42.76 1.88 0.00	50.89 1.53 0.00	58.29 2.99 0.00	56.67 2.28 0.00	48.67 1.83 0.00	46.52 2.26 0.00	44.69 2.41 0.00	45.47 2.33 0.00	48.55 1.82 0.00	51.90 1.90 0.00	55.19 2.28 0.00	61.50 5.13 0.00	72.63 6.96 -0.01	65.88 5.88 0.00	59.53 4.76 0.00	55.45 3.68 0.00	49.81 2.73 0.00	46.03 2.52 0.00	41.65 1.87 0.00
WOODARD___115KV_TB2 355635	36.63 -0.67 0.00	34.88 -0.68 0.00	35.09 -0.68 0.00	35.28 -0.65 0.00	35.42 -0.69 0.00	40.34 -0.53 0.00	48.67 -0.69 0.00	54.80 -0.50 0.00	53.67 -0.71 0.00	46.24 -0.61 0.00	43.68 -0.58 0.00	41.73 -0.55 0.00	42.58 -0.56 0.00	46.21 -0.51 0.00	49.35 -0.65 0.00	52.12 -0.79 0.00	55.69 -0.68 0.00	64.88 -0.79 0.00	59.22 -0.78 0.00	53.67 -1.10 0.00	50.48 -1.29 0.00	45.95 -1.13 0.00	42.63 -0.87 0.00	38.99 -0.80 0.00
YORK___WARBASSE 23770	39.62 2.31 -0.01	37.66 2.10 -0.01	37.60 1.82 -0.01	37.58 1.65 -0.01	37.70 1.59 -0.01	42.72 1.84 -0.01	51.93 2.57 -0.01	59.29 3.98 -0.01	57.82 3.43 -0.01	49.80 2.95 -0.01	47.15 2.88 -0.01	45.12 2.83 -0.01	46.00 2.85 -0.01	49.82 3.08 -0.01	53.21 3.20 -0.01	56.36 3.44 -0.01	61.00 4.62 -0.01	71.38 5.71 -0.01	65.17 5.16 -0.01	58.99 4.22 -0.01	55.56 3.78 -0.01	50.52 3.44 -0.01	46.21 2.70 -0.01	42.26 2.47 -0.01