



ALBANY__2 23572	35.41 0.46 0.00	35.58 0.51 0.00	36.59 0.55 0.00	33.12 0.45 0.00	42.39 0.44 0.00	58.00 0.40 0.00	62.02 0.43 0.00	42.66 0.54 0.00	29.73 0.53 0.00	29.11 0.53 0.00	30.75 0.46 0.00	28.49 0.46 0.00	28.20 0.47 0.00	28.60 0.49 0.00	30.66 0.53 0.00	31.51 0.45 0.00	31.94 0.44 0.00	33.92 0.36 0.00	46.64 0.38 0.00	48.60 0.20 0.00	49.63 0.25 0.00	48.78 0.41 0.00	43.20 0.41 0.00	39.98 0.40 0.00
ALBANY__3 23573	35.41 0.46 0.00	35.58 0.51 0.00	36.59 0.55 0.00	33.12 0.45 0.00	42.39 0.44 0.00	58.00 0.40 0.00	62.02 0.43 0.00	42.66 0.54 0.00	29.73 0.53 0.00	29.11 0.53 0.00	30.75 0.46 0.00	28.49 0.46 0.00	28.20 0.47 0.00	28.60 0.49 0.00	30.66 0.53 0.00	31.51 0.45 0.00	31.94 0.44 0.00	33.92 0.36 0.00	46.64 0.38 0.00	48.60 0.20 0.00	49.63 0.25 0.00	48.78 0.41 0.00	43.20 0.41 0.00	39.98 0.40 0.00
ALBANY__4 23574	35.41 0.46 0.00	35.58 0.51 0.00	36.59 0.55 0.00	33.12 0.45 0.00	42.39 0.44 0.00	58.00 0.40 0.00	62.02 0.43 0.00	42.66 0.54 0.00	29.73 0.53 0.00	29.11 0.53 0.00	30.75 0.46 0.00	28.49 0.46 0.00	28.20 0.47 0.00	28.60 0.49 0.00	30.66 0.53 0.00	31.51 0.45 0.00	31.94 0.44 0.00	33.92 0.36 0.00	46.64 0.38 0.00	48.60 0.20 0.00	49.63 0.25 0.00	48.78 0.41 0.00	43.20 0.41 0.00	39.98 0.40 0.00
ALBANY__LFG 323615	35.78 0.82 0.00	35.95 0.88 0.00	36.95 0.91 0.00	33.45 0.77 0.00	42.83 0.89 0.00	58.66 1.06 0.00	62.72 1.13 0.00	43.10 0.98 0.00	30.03 0.83 0.00	29.39 0.81 0.00	31.04 0.75 0.00	28.76 0.72 0.00	28.45 0.72 0.00	28.87 0.76 0.00	30.94 0.81 0.00	31.81 0.76 0.00	32.28 0.78 0.00	34.32 0.77 0.00	47.20 0.94 0.00	49.19 0.79 0.00	50.23 0.85 0.00	49.35 0.98 0.00	43.68 0.89 0.00	40.40 0.82 0.00
ALCOA_PA_115KV_PL-6C 55860	34.78 -0.17 0.00	34.87 -0.20 0.00	35.83 -0.21 0.00	32.53 -0.15 0.00	41.80 -0.14 0.00	57.41 -0.19 0.00	61.27 -0.32 0.00	41.91 -0.22 0.00	28.95 -0.25 0.00	28.33 -0.25 0.00	29.96 -0.33 0.00	27.74 -0.30 0.00	27.46 -0.27 0.00	27.86 -0.26 0.00	29.89 -0.25 0.00	30.83 -0.22 0.00	31.29 -0.21 0.00	33.38 -0.17 0.00	46.05 -0.21 0.00	48.35 -0.05 0.00	49.21 -0.17 0.00	48.01 -0.36 0.00	42.53 -0.26 0.00	39.31 -0.27 0.00
ALCOA_RYNLDS__DRP 24188	34.78 -0.17 0.00	34.87 -0.20 0.00	35.83 -0.21 0.00	32.53 -0.15 0.00	41.80 -0.14 0.00	57.41 -0.19 0.00	61.26 -0.32 0.00	41.91 -0.22 0.00	28.95 -0.25 0.00	28.33 -0.25 0.00	29.96 -0.33 0.00	27.74 -0.30 0.00	27.46 -0.27 0.00	27.86 -0.26 0.00	29.89 -0.25 0.00	30.83 -0.22 0.00	31.29 -0.21 0.00	33.38 -0.17 0.00	46.05 -0.21 0.00	48.35 -0.05 0.00	49.21 -0.17 0.00	48.01 -0.36 0.00	42.53 -0.26 0.00	39.31 -0.27 0.00
ALCOA__DSASP 323711	34.78 -0.17 0.00	34.87 -0.20 0.00	35.83 -0.21 0.00	32.53 -0.15 0.00	41.80 -0.14 0.00	57.41 -0.19 0.00	61.26 -0.32 0.00	41.91 -0.22 0.00	28.95 -0.25 0.00	28.33 -0.25 0.00	29.96 -0.33 0.00	27.74 -0.30 0.00	27.46 -0.27 0.00	27.86 -0.26 0.00	29.89 -0.25 0.00	30.83 -0.22 0.00	31.29 -0.21 0.00	33.38 -0.17 0.00	46.05 -0.21 0.00	48.35 -0.05 0.00	49.21 -0.17 0.00	48.01 -0.36 0.00	42.53 -0.26 0.00	39.31 -0.27 0.00
ALLEGHENY__COGEN 23514	36.41 1.45 0.00	36.70 1.63 0.00	37.53 1.49 0.00	34.03 1.35 0.00	43.80 1.86 0.00	60.55 2.95 0.00	65.07 3.48 0.00	43.28 1.16 0.00	29.19 -0.01 0.00	28.59 0.01 0.00	30.70 0.41 0.00	28.07 0.03 0.00	27.49 -0.24 0.00	27.91 -0.21 0.00	30.21 0.07 0.00	31.30 0.24 0.00	32.08 0.58 0.00	34.37 0.82 0.00	45.23 0.45 1.48	48.93 0.53 0.00	50.58 1.21 0.00	48.51 0.68 0.55	41.89 0.15 1.06	39.85 0.27 0.00
ALTMONT_115KV_TB 2 55880	35.79 0.83 0.00	35.94 0.87 0.00	36.95 0.91 0.00	33.49 0.80 0.00	42.92 0.97 0.00	58.80 1.21 0.00	62.85 1.27 0.00	43.15 1.03 0.00	29.99 0.79 0.00	29.33 0.75 0.00	31.01 0.72 0.00	28.72 0.68 0.00	28.42 0.69 0.00	28.81 0.69 0.00	30.88 0.74 0.00	31.78 0.72 0.00	32.20 0.70 0.00	34.25 0.69 0.00	47.26 1.00 0.00	49.29 0.90 0.00	50.34 0.96 0.00	49.43 1.07 0.00	43.75 0.96 0.00	40.47 0.89 0.00
ALTONA_WT_PWR 323606	35.01 0.06 0.00	35.05 -0.02 0.00	36.09 0.05 0.00	32.78 0.10 0.00	42.07 0.13 0.00	57.66 0.07 0.00	61.27 -0.32 0.00	42.00 -0.12 0.00	29.17 -0.03 0.00	28.51 -0.07 0.00	30.11 -0.18 0.00	27.79 -0.24 0.00	27.52 -0.21 0.00	27.94 -0.18 0.00	30.05 -0.08 0.00	30.91 -0.15 0.00	31.38 -0.12 0.00	33.52 -0.03 0.00	46.19 -0.08 0.00	48.44 0.04 0.00	49.27 -0.11 0.00	48.29 -0.08 0.00	42.72 -0.07 0.00	39.23 -0.35 0.00
AMERICAN_REF_FUEL 24010	32.93 -2.02 0.00	33.18 -1.90 0.00	33.89 -2.15 0.00	30.75 -1.93 0.00	39.61 -2.33 0.00	54.34 -3.25 0.00	58.16 -3.43 0.00	38.76 -3.36 0.00	26.94 -2.26 0.00	26.52 -2.05 0.00	28.75 -1.54 0.00	26.44 -1.60 0.00	26.05 -1.68 0.00	26.64 -1.47 0.00	28.67 -1.47 0.00	29.49 -1.56 0.00	29.69 -1.81 0.00	31.15 -2.40 0.00	41.09 -3.96 1.21	44.32 -4.08 0.00	45.46 -3.92 0.00	43.53 -4.39 0.45	38.25 -3.68 0.87	36.85 -2.73 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	34.86 -0.09 0.00	35.33 0.26 0.00	35.80 -0.24 0.00	32.28 -0.40 0.00	41.27 -0.67 0.00	56.45 -1.14 0.00	60.26 -1.33 0.00	39.95 -2.17 0.00	27.60 -1.60 0.00	27.10 -1.48 0.00	29.45 -0.84 0.00	27.02 -1.02 0.00	26.54 -1.19 0.00	27.07 -1.05 0.00	29.12 -1.01 0.00	30.17 -0.89 0.00	30.31 -1.19 0.00	32.06 -1.49 0.00	42.05 -2.76 1.45	45.51 -2.89 0.00	46.55 -2.83 0.00	44.66 -3.17 0.54	39.45 -2.30 1.04	37.74 -1.84 0.00
ARTHUR KILL_GT_1 23520	36.96 2.01 0.00	37.13 2.06 0.00	38.06 2.02 0.00	34.47 1.79 0.00	44.05 2.11 0.00	60.18 2.58 0.00	64.38 2.79 0.00	45.08 2.95 0.00	31.49 2.28 -0.01	30.88 2.30 0.00	32.72 2.42 -0.01	30.40 2.35 -0.01	29.96 2.23 -0.01	30.31 2.19 -0.01	32.34 2.20 0.00	33.39 2.33 -0.01	33.88 2.38 0.00	35.95 2.39 0.00	49.21 2.95 0.00	51.17 2.77 0.00	52.41 3.04 0.00	51.29 2.92 0.00	45.73 2.93 0.00	42.24 2.66 0.00
ARTHUR_KILL_2 23512	36.86 1.91 0.00	37.04 1.97 0.00	37.97 1.93 0.00	34.39 1.71 0.00	43.94 2.00 0.00	60.02 2.43 0.00	64.19 2.60 0.00	44.95 2.83 0.00	31.41 2.21 -0.01	30.82 2.24 0.00	32.66 2.36 -0.01	30.36 2.32 -0.01	29.92 2.18 -0.01	30.26 2.14 -0.01	32.30 2.16 0.00	33.33 2.27 -0.01	33.83 2.33 0.00	35.88 2.32 0.00	49.09 2.83 0.00	51.04 2.64 0.00	52.26 2.88 0.00	51.14 2.77 0.00	45.61 2.82 0.00	42.15 2.57 0.00
ARTHUR_KILL_3 23513	36.67 1.71 0.00	36.68 1.61 0.00	37.59 1.55 0.00	34.01 1.33 0.00	43.48 1.54 0.00	59.68 2.09 0.00	64.02 2.44 0.01	44.59 2.46 0.00	31.11 1.90 0.00	30.57 1.99 0.00	32.44 2.15 0.00	30.11 2.08 0.00	29.71 1.98 0.00	30.05 1.94 0.00	32.09 1.96 0.00	33.11 2.06 0.00	33.60 2.10 0.00	35.65 2.10 0.00	48.94 2.68 0.00	50.96 2.56 0.00	52.10 2.73 0.00	50.96 2.59 0.00	45.18 2.39 0.00	41.75 2.17 0.00

ARTHUR_KILL_COGEN 323718	36.96 2.01 0.00	37.13 2.05 0.00	38.06 2.02 0.00	34.47 1.79 0.00	44.05 2.11 0.00	60.18 2.58 0.00	64.38 2.79 0.00	45.07 2.95 0.00	31.49 2.28 -0.01	30.87 2.29 0.00	32.72 2.42 -0.01	30.40 2.35 -0.01	29.96 2.23 -0.01	30.31 2.19 -0.01	32.34 2.20 0.00	33.39 2.33 -0.01	33.88 2.38 0.00	35.95 2.39 0.00	49.21 2.95 0.00	51.16 2.76 0.00	52.41 3.03 0.00	51.29 2.92 0.00	45.72 2.93 0.00	42.24 2.66 0.00
ASHOKAN____ 23654	36.29 1.34 0.00	36.38 1.31 0.00	37.38 1.34 0.00	33.83 1.16 0.00	43.36 1.42 0.00	59.55 1.96 0.00	63.91 2.32 0.00	44.09 1.97 0.00	30.53 1.32 0.00	29.82 1.25 0.00	31.49 1.20 0.00	29.15 1.11 0.00	28.84 1.11 0.00	29.30 1.19 0.00	31.32 1.18 0.00	32.28 1.23 0.00	32.70 1.21 0.00	34.83 1.28 0.00	48.21 1.94 0.00	50.33 1.93 0.00	51.51 2.13 0.00	50.43 2.06 0.00	44.55 1.76 0.00	41.14 1.56 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.55 1.61 0.01	36.63 1.56 0.01	37.55 1.51 0.01	34.05 1.37 0.00	43.51 1.56 0.00	59.73 2.14 0.01	64.09 2.51 0.01	44.62 2.50 0.00	31.12 1.92 -0.01	30.59 2.01 0.00	32.46 2.17 -0.01	30.20 2.15 -0.01	29.79 2.06 -0.01	30.17 2.04 -0.01	32.11 1.97 0.00	33.12 2.06 0.00	33.58 2.08 0.00	35.59 2.04 0.00	48.86 2.59 0.00	50.90 2.50 0.00	52.10 2.73 0.00	50.98 2.61 0.01	45.25 2.46 0.00	41.82 2.24 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.56 1.61 0.01	36.63 1.57 0.01	37.55 1.51 0.01	34.05 1.37 0.00	43.51 1.56 0.00	59.73 2.14 0.01	64.09 2.51 0.01	44.62 2.50 0.00	31.12 1.92 -0.01	30.59 2.01 0.00	32.46 2.17 -0.01	30.20 2.15 -0.01	29.79 2.05 -0.01	30.17 2.04 -0.01	32.11 1.98 0.00	33.12 2.06 0.00	33.58 2.08 0.00	35.59 2.04 0.00	48.86 2.59 0.00	50.90 2.50 0.00	52.10 2.73 0.00	50.98 2.61 0.01	45.25 2.46 0.00	41.82 2.24 0.00
ASTORIA_GT2_1 24094	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.58 0.00	59.76 2.17 0.01	64.12 2.54 0.01	44.65 2.53 0.00	31.15 1.94 -0.01	30.61 2.03 0.00	32.49 2.19 -0.01	30.21 2.16 -0.01	29.80 2.07 -0.01	30.18 2.05 -0.01	32.13 2.00 0.00	33.13 2.07 -0.01	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.15 2.77 0.00	51.00 2.63 0.01	45.27 2.48 0.00	41.84 2.26 0.00
ASTORIA_GT2_2 24095	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.58 0.00	59.76 2.17 0.01	64.12 2.54 0.01	44.65 2.53 0.00	31.15 1.94 -0.01	30.61 2.03 0.00	32.49 2.19 -0.01	30.21 2.16 -0.01	29.80 2.07 -0.01	30.18 2.05 -0.01	32.13 2.00 0.00	33.13 2.07 -0.01	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.15 2.77 0.00	51.00 2.63 0.01	45.27 2.48 0.00	41.84 2.26 0.00
ASTORIA_GT2_3 24096	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.58 0.00	59.76 2.17 0.01	64.12 2.54 0.01	44.65 2.53 0.00	31.15 1.94 -0.01	30.61 2.03 0.00	32.49 2.19 -0.01	30.21 2.16 -0.01	29.80 2.07 -0.01	30.18 2.05 -0.01	32.13 2.00 0.00	33.13 2.07 -0.01	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.15 2.77 0.00	51.00 2.63 0.01	45.27 2.48 0.00	41.84 2.26 0.00
ASTORIA_GT2_4 24097	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.58 0.00	59.76 2.17 0.01	64.12 2.54 0.01	44.65 2.53 0.00	31.15 1.94 -0.01	30.61 2.03 0.00	32.49 2.19 -0.01	30.21 2.16 -0.01	29.80 2.07 -0.01	30.18 2.05 -0.01	32.13 2.00 0.00	33.13 2.07 -0.01	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.15 2.77 0.00	51.00 2.63 0.01	45.27 2.48 0.00	41.84 2.26 0.00
ASTORIA_GT3_1 24098	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.58 0.00	59.76 2.17 0.01	64.12 2.54 0.01	44.65 2.53 0.00	31.15 1.94 -0.01	30.61 2.03 0.00	32.49 2.19 -0.01	30.21 2.16 -0.01	29.80 2.07 -0.01	30.18 2.05 -0.01	32.13 2.00 0.00	33.13 2.07 -0.01	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.15 2.77 0.00	51.00 2.63 0.01	45.27 2.48 0.00	41.84 2.26 0.00
ASTORIA_GT3_2 24099	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.58 0.00	59.76 2.17 0.01	64.12 2.54 0.01	44.65 2.53 0.00	31.15 1.94 -0.01	30.61 2.03 0.00	32.49 2.19 -0.01	30.21 2.16 -0.01	29.80 2.07 -0.01	30.18 2.05 -0.01	32.13 2.00 0.00	33.13 2.07 -0.01	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.15 2.77 0.00	51.00 2.63 0.01	45.27 2.48 0.00	41.84 2.26 0.00
ASTORIA_GT3_3 24100	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.58 0.00	59.76 2.17 0.01	64.12 2.54 0.01	44.65 2.53 0.00	31.15 1.94 -0.01	30.61 2.03 0.00	32.49 2.19 -0.01	30.21 2.16 -0.01	29.80 2.07 -0.01	30.18 2.05 -0.01	32.13 2.00 0.00	33.13 2.07 -0.01	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.15 2.77 0.00	51.00 2.63 0.01	45.27 2.48 0.00	41.84 2.26 0.00
ASTORIA_GT3_4 24101	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.58 0.00	59.76 2.17 0.01	64.12 2.54 0.01	44.65 2.53 0.00	31.15 1.94 -0.01	30.61 2.03 0.00	32.49 2.19 -0.01	30.21 2.16 -0.01	29.80 2.07 -0.01	30.18 2.05 -0.01	32.13 2.00 0.00	33.13 2.07 -0.01	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.15 2.77 0.00	51.00 2.63 0.01	45.27 2.48 0.00	41.84 2.26 0.00
ASTORIA_GT4_1 24102	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.58 0.00	59.76 2.17 0.01	64.12 2.54 0.01	44.65 2.53 0.00	31.15 1.94 -0.01	30.61 2.03 0.00	32.49 2.19 -0.01	30.21 2.16 -0.01	29.80 2.07 -0.01	30.18 2.05 -0.01	32.13 2.00 0.00	33.13 2.07 -0.01	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.15 2.77 0.00	51.00 2.63 0.01	45.27 2.48 0.00	41.84 2.26 0.00
ASTORIA_GT4_2 24103	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.58 0.00	59.76 2.17 0.01	64.12 2.54 0.01	44.65 2.53 0.00	31.15 1.94 -0.01	30.61 2.03 0.00	32.49 2.19 -0.01	30.21 2.16 -0.01	29.80 2.07 -0.01	30.18 2.05 -0.01	32.13 2.00 0.00	33.13 2.07 -0.01	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.15 2.77 0.00	51.00 2.63 0.01	45.27 2.48 0.00	41.84 2.26 0.00
ASTORIA_GT4_3 24104	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.58 0.00	59.76 2.17 0.01	64.12 2.54 0.01	44.65 2.53 0.00	31.15 1.94 -0.01	30.61 2.03 0.00	32.49 2.19 -0.01	30.21 2.16 -0.01	29.80 2.07 -0.01	30.18 2.05 -0.01	32.13 2.00 0.00	33.13 2.07 -0.01	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.15 2.77 0.00	51.00 2.63 0.01	45.27 2.48 0.00	41.84 2.26 0.00

ASTORIA_GT4_4 24105	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.58 0.00	59.76 2.17 0.01	64.12 2.54 0.01	44.65 2.53 0.00	31.15 1.94 -0.01	30.61 2.03 0.00	32.49 2.19 -0.01	30.21 2.16 -0.01	29.80 2.07 -0.01	30.18 2.05 -0.01	32.13 2.00 0.00	33.13 2.07 -0.01	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.15 2.77 0.00	51.00 2.63 0.01	45.27 2.48 0.00	41.84 2.26 0.00
ASTORIA_GT_1 23523	36.63 1.68 0.01	36.71 1.65 0.01	37.63 1.59 0.01	34.12 1.44 0.00	43.60 1.66 0.00	59.85 2.27 0.01	64.24 2.65 0.01	44.73 2.61 0.00	31.20 2.00 -0.01	30.67 2.09 0.00	32.55 2.25 -0.01	30.26 2.22 -0.01	29.86 2.12 -0.01	30.23 2.11 -0.01	32.19 2.05 0.00	33.20 2.14 -0.01	33.65 2.16 0.00	35.69 2.13 0.00	48.96 2.70 0.00	51.03 2.63 0.00	52.24 2.86 0.00	51.08 2.72 0.01	45.35 2.56 0.00	41.91 2.33 0.00
ASTORIA_GT_10 24110	36.77 1.81 0.00	36.83 1.77 0.00	37.75 1.71 0.00	34.18 1.50 0.00	43.68 1.73 0.00	59.94 2.34 0.00	64.29 2.70 0.00	44.80 2.68 0.00	31.29 2.08 -0.01	30.77 2.19 0.00	32.69 2.40 -0.01	30.37 2.32 -0.01	29.95 2.21 -0.01	30.30 2.17 -0.01	32.33 2.19 0.00	33.35 2.29 -0.01	33.81 2.31 0.00	35.85 2.30 0.00	49.16 2.89 0.00	51.17 2.78 0.00	52.30 2.93 0.00	51.15 2.78 0.00	45.38 2.59 0.00	41.93 2.35 0.00
ASTORIA_GT_11 24225	36.77 1.81 0.00	36.83 1.77 0.00	37.75 1.71 0.00	34.18 1.50 0.00	43.68 1.73 0.00	59.94 2.34 0.00	64.29 2.70 0.00	44.80 2.68 0.00	31.29 2.08 -0.01	30.77 2.19 0.00	32.69 2.40 -0.01	30.37 2.32 -0.01	29.95 2.21 -0.01	30.30 2.17 -0.01	32.33 2.19 0.00	33.35 2.29 -0.01	33.81 2.31 0.00	35.85 2.30 0.00	49.16 2.89 0.00	51.17 2.78 0.00	52.30 2.93 0.00	51.15 2.78 0.00	45.38 2.59 0.00	41.93 2.35 0.00
ASTORIA_GT_12 24226	36.77 1.81 0.00	36.83 1.77 0.00	37.75 1.71 0.00	34.18 1.50 0.00	43.68 1.73 0.00	59.94 2.34 0.00	64.29 2.70 0.00	44.80 2.68 0.00	31.29 2.08 -0.01	30.77 2.19 0.00	32.69 2.40 -0.01	30.37 2.32 -0.01	29.95 2.21 -0.01	30.30 2.17 -0.01	32.33 2.19 0.00	33.35 2.29 -0.01	33.81 2.31 0.00	35.85 2.30 0.00	49.16 2.89 0.00	51.17 2.78 0.00	52.30 2.93 0.00	51.15 2.78 0.00	45.38 2.59 0.00	41.93 2.35 0.00
ASTORIA_GT_13 24227	36.77 1.81 0.00	36.83 1.77 0.00	37.75 1.71 0.00	34.18 1.50 0.00	43.68 1.73 0.00	59.94 2.34 0.00	64.29 2.70 0.00	44.80 2.68 0.00	31.29 2.08 -0.01	30.77 2.19 0.00	32.69 2.40 -0.01	30.37 2.32 -0.01	29.95 2.21 -0.01	30.30 2.17 -0.01	32.33 2.19 0.00	33.35 2.29 -0.01	33.81 2.31 0.00	35.85 2.30 0.00	49.16 2.89 0.00	51.17 2.78 0.00	52.30 2.93 0.00	51.15 2.78 0.00	45.38 2.59 0.00	41.93 2.35 0.00
ASTORIA_GT_5 24106	36.63 1.68 0.01	36.71 1.65 0.01	37.63 1.59 0.01	34.12 1.44 0.00	43.60 1.66 0.00	59.85 2.27 0.01	64.24 2.65 0.01	44.73 2.61 0.00	31.20 2.00 -0.01	30.67 2.09 0.00	32.55 2.25 -0.01	30.26 2.22 -0.01	29.86 2.12 -0.01	30.23 2.11 -0.01	32.19 2.05 0.00	33.20 2.14 -0.01	33.65 2.16 0.00	35.69 2.13 0.00	48.96 2.70 0.00	51.03 2.63 0.00	52.24 2.86 0.00	51.08 2.72 0.01	45.35 2.56 0.00	41.91 2.33 0.00
ASTORIA_GT_7 24107	36.63 1.68 0.01	36.71 1.65 0.01	37.63 1.59 0.01	34.12 1.44 0.00	43.60 1.66 0.00	59.85 2.27 0.01	64.24 2.65 0.01	44.73 2.61 0.00	31.20 2.00 -0.01	30.67 2.09 0.00	32.55 2.25 -0.01	30.26 2.22 -0.01	29.86 2.12 -0.01	30.23 2.11 -0.01	32.19 2.05 0.00	33.20 2.14 -0.01	33.65 2.16 0.00	35.69 2.13 0.00	48.96 2.70 0.00	51.03 2.63 0.00	52.24 2.86 0.00	51.08 2.72 0.01	45.35 2.56 0.00	41.91 2.33 0.00
ASTORIA_GT_8 24108	36.63 1.68 0.01	36.71 1.65 0.01	37.63 1.59 0.01	34.12 1.44 0.00	43.60 1.66 0.00	59.85 2.27 0.01	64.24 2.65 0.01	44.73 2.61 0.00	31.20 2.00 -0.01	30.67 2.09 0.00	32.55 2.25 -0.01	30.26 2.22 -0.01	29.86 2.12 -0.01	30.23 2.11 -0.01	32.19 2.05 0.00	33.20 2.14 -0.01	33.65 2.16 0.00	35.69 2.13 0.00	48.96 2.70 0.00	51.03 2.63 0.00	52.24 2.86 0.00	51.08 2.72 0.01	45.35 2.56 0.00	41.91 2.33 0.00
ASTORIA___2 24149	36.57 1.62 0.01	36.65 1.59 0.01	37.57 1.54 0.01	34.07 1.39 0.00	43.52 1.57 0.00	59.74 2.16 0.01	64.12 2.54 0.01	44.65 2.52 0.00	31.14 1.93 -0.01	30.60 2.02 0.00	32.48 2.19 -0.01	30.20 2.15 -0.01	29.80 2.06 -0.01	30.17 2.05 -0.01	32.13 1.99 0.00	33.13 2.07 0.00	33.59 2.09 0.00	35.62 2.06 0.00	48.88 2.62 0.00	50.93 2.53 0.00	52.14 2.76 0.00	51.00 2.63 0.01	45.26 2.47 0.00	41.85 2.26 0.00
ASTORIA___3 23516	36.76 1.81 0.00	36.83 1.76 0.00	37.75 1.71 0.00	34.18 1.50 0.00	43.68 1.73 0.00	59.93 2.34 0.00	64.28 2.70 0.00	44.80 2.67 0.00	31.29 2.08 -0.01	30.76 2.18 0.00	32.69 2.39 -0.01	30.37 2.32 -0.01	29.95 2.21 -0.01	30.30 2.18 -0.01	32.33 2.19 0.00	33.35 2.29 -0.01	33.81 2.31 0.00	35.85 2.30 0.00	49.16 2.90 0.00	51.17 2.77 0.00	52.31 2.93 0.00	51.15 2.78 0.00	45.37 2.58 0.00	41.93 2.35 0.00
ASTORIA___4 23517	36.77 1.81 0.00	36.83 1.77 0.00	37.75 1.71 0.00	34.18 1.50 0.00	43.68 1.73 0.00	59.94 2.34 0.00	64.29 2.70 0.00	44.80 2.68 0.00	31.29 2.08 -0.01	30.77 2.19 0.00	32.69 2.40 -0.01	30.37 2.32 -0.01	29.95 2.21 -0.01	30.30 2.17 -0.01	32.33 2.19 0.00	33.35 2.29 -0.01	33.81 2.31 0.00	35.85 2.30 0.00	49.16 2.89 0.00	51.17 2.78 0.00	52.30 2.93 0.00	51.15 2.78 0.00	45.38 2.59 0.00	41.93 2.35 0.00
ASTORIA___5 23518	36.76 1.81 0.00	36.83 1.76 0.00	37.75 1.71 0.00	34.18 1.50 0.00	43.68 1.73 0.00	59.93 2.34 0.00	64.28 2.70 0.00	44.80 2.67 0.00	31.29 2.08 -0.01	30.76 2.18 0.00	32.69 2.39 -0.01	30.37 2.32 -0.01	29.95 2.21 -0.01	30.30 2.18 -0.01	32.33 2.19 0.00	33.35 2.29 -0.01	33.81 2.31 0.00	35.85 2.30 0.00	49.16 2.90 0.00	51.17 2.77 0.00	52.31 2.93 0.00	51.15 2.78 0.00	45.37 2.58 0.00	41.93 2.35 0.00
AST_ENERGY_2_CC3 323677	36.69 1.74 0.00	36.73 1.66 0.00	37.67 1.63 0.00	34.08 1.41 0.00	43.56 1.62 0.00	59.80 2.21 0.00	64.20 2.61 0.00	44.66 2.54 0.00	31.17 1.97 0.00	30.64 2.06 0.00	32.52 2.23 0.00	30.22 2.18 0.00	29.80 2.07 0.00	30.15 2.04 0.00	32.18 2.05 0.00	33.20 2.14 0.00	33.67 2.17 0.00	35.72 2.16 0.00	49.03 2.77 0.00	51.04 2.64 0.00	52.19 2.81 0.00	51.03 2.66 0.00	45.22 2.43 0.00	41.79 2.22 0.00
AST_ENERGY_2_CC4 323678	36.69 1.74 0.00	36.73 1.66 0.00	37.67 1.63 0.00	34.08 1.41 0.00	43.56 1.62 0.00	59.80 2.21 0.00	64.20 2.61 0.00	44.66 2.54 0.00	31.17 1.97 0.00	30.64 2.06 0.00	32.52 2.23 0.00	30.22 2.18 0.00	29.80 2.07 0.00	30.15 2.04 0.00	32.18 2.05 0.00	33.20 2.14 0.00	33.67 2.17 0.00	35.72 2.16 0.00	49.03 2.77 0.00	51.04 2.64 0.00	52.19 2.81 0.00	51.03 2.66 0.00	45.22 2.43 0.00	41.79 2.22 0.00

ATHENS_STG_1 23668	36.06 1.10 0.00	36.15 1.08 0.00	37.16 1.12 0.00	33.66 0.98 0.00	43.13 1.18 0.00	59.10 1.51 0.00	63.24 1.65 0.00	43.58 1.45 0.00	30.34 1.14 0.00	29.72 1.15 0.00	31.44 1.15 0.00	29.13 1.09 0.00	28.81 1.08 0.00	29.18 1.07 0.00	31.26 1.12 0.00	32.21 1.15 0.00	32.62 1.13 0.00	34.68 1.12 0.00	47.78 1.52 0.00	49.78 1.38 0.00	50.87 1.49 0.00	49.91 1.54 0.00	44.18 1.39 0.00	40.85 1.27 0.00
ATHENS_STG_2 23670	36.06 1.10 0.00	36.15 1.08 0.00	37.16 1.12 0.00	33.66 0.98 0.00	43.13 1.18 0.00	59.10 1.51 0.00	63.24 1.65 0.00	43.58 1.45 0.00	30.34 1.14 0.00	29.72 1.15 0.00	31.44 1.15 0.00	29.13 1.09 0.00	28.81 1.08 0.00	29.18 1.07 0.00	31.26 1.12 0.00	32.21 1.15 0.00	32.62 1.13 0.00	34.68 1.12 0.00	47.78 1.52 0.00	49.78 1.38 0.00	50.87 1.49 0.00	49.91 1.54 0.00	44.18 1.39 0.00	40.85 1.27 0.00
ATHENS_STG_3 23677	36.06 1.10 0.00	36.15 1.08 0.00	37.16 1.12 0.00	33.66 0.98 0.00	43.13 1.18 0.00	59.10 1.51 0.00	63.24 1.65 0.00	43.58 1.45 0.00	30.34 1.14 0.00	29.72 1.15 0.00	31.44 1.15 0.00	29.13 1.09 0.00	28.81 1.08 0.00	29.18 1.07 0.00	31.26 1.12 0.00	32.21 1.15 0.00	32.62 1.13 0.00	34.68 1.12 0.00	47.78 1.52 0.00	49.78 1.38 0.00	50.87 1.49 0.00	49.91 1.54 0.00	44.18 1.39 0.00	40.85 1.27 0.00
AUBURN___LFGE 323710	35.11 0.16 0.00	35.26 0.19 0.00	36.20 0.16 0.00	32.83 0.15 0.00	42.17 0.22 0.00	58.08 0.49 0.00	62.33 0.74 0.00	42.32 0.20 0.00	29.12 -0.08 0.00	28.42 -0.15 0.00	30.31 0.02 0.00	28.01 -0.03 0.00	27.59 -0.14 0.00	27.88 -0.23 0.00	29.88 -0.25 0.00	30.88 -0.17 0.00	31.53 0.03 0.00	33.63 0.07 0.00	46.01 0.13 0.38	48.49 0.09 0.00	49.54 0.16 0.00	48.30 0.07 0.14	42.46 -0.06 0.27	39.52 -0.06 0.00
BABYLON_RES_REC 323704	36.53 1.57 0.00	36.73 1.66 0.00	37.77 1.73 0.00	34.14 1.46 0.00	43.29 1.35 0.00	48.28 1.38 10.70	62.91 1.92 0.61	28.71 2.09 15.50	26.12 1.62 4.70	30.50 1.93 0.00	32.85 2.51 -0.06	30.40 2.36 0.00	33.65 2.19 -3.73	30.33 2.22 0.00	32.26 2.13 0.00	33.22 2.17 0.00	33.60 2.11 0.00	35.59 1.82 -0.22	48.61 2.35 0.00	48.42 2.23 2.21	51.81 2.43 0.00	50.85 2.48 0.00	44.82 2.04 0.01	41.70 2.12 0.00
BALL_HILL_WT_PWR 323825	34.28 -0.67 0.00	34.68 -0.39 0.00	35.33 -0.71 0.00	31.98 -0.70 0.00	41.06 -0.88 0.00	56.30 -1.29 0.00	60.22 -1.37 0.00	40.08 -2.04 0.00	27.79 -1.41 0.00	27.28 -1.29 0.00	29.58 -0.71 0.00	27.13 -0.91 0.00	26.64 -1.09 0.00	27.17 -0.94 0.00	29.25 -0.88 0.00	30.22 -0.84 0.00	30.42 -1.08 0.00	32.01 -1.54 0.00	42.18 -2.68 1.40	45.73 -2.67 0.00	46.91 -2.47 0.00	44.85 -3.00 0.52	39.22 -2.57 1.00	37.64 -1.94 0.00
BARON_WINDS___WT_PWR 323822	34.45 -0.51 0.00	34.92 -0.15 0.00	35.71 -0.33 0.00	32.38 -0.30 0.00	41.54 -0.41 0.00	56.96 -0.63 0.00	60.85 -0.74 0.00	40.23 -1.90 0.00	27.67 -1.54 0.00	27.20 -1.38 0.00	29.47 -0.82 0.00	26.96 -1.08 0.00	26.36 -1.37 0.00	26.75 -1.37 0.00	28.87 -1.27 0.00	29.88 -1.18 0.00	30.43 -1.07 0.00	32.20 -1.35 0.00	41.70 -2.35 2.22	45.59 -2.81 0.00	46.78 -2.60 0.00	44.50 -3.05 0.82	38.02 -3.19 1.58	36.79 -2.79 0.00
BARRETT_IC_1 23704	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01
BARRETT_IC_10 23701	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01
BARRETT_IC_11 23702	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01
BARRETT_IC_12 23703	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01
BARRETT_IC_2 23705	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01
BARRETT_IC_3 23706	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01
BARRETT_IC_4 23707	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01
BARRETT_IC_5 23708	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01

BARRETT_IC_6 23709	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01
BARRETT_IC_7 23710	36.36 1.41 0.00	36.61 1.53 0.00	37.60 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.41 1.06 1.25	60.72 1.53 2.40	27.16 1.79 16.75	25.86 1.43 4.77	30.46 1.89 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.29 2.23 0.00	33.52 2.02 0.00	35.34 1.78 0.00	48.35 2.09 0.00	49.01 1.91 1.30	51.52 2.14 0.00	50.55 2.19 0.00	44.69 1.90 0.00	41.59 2.01 0.00
BARRETT_IC_8 23711	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01
BARRETT_IC_9 23700	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01
BARRETT__1 23545	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01
BARRETT__2 23546	36.36 1.41 0.00	36.61 1.53 0.00	37.59 1.55 0.00	33.99 1.31 0.00	43.13 1.19 0.00	57.30 0.95 1.25	60.70 1.51 2.40	27.10 1.73 16.75	25.83 1.40 4.77	30.45 1.88 0.00	32.78 2.43 -0.06	30.41 2.37 0.00	33.68 2.22 -3.73	30.32 2.20 0.00	32.32 2.18 0.00	33.28 2.23 0.00	33.53 2.03 0.00	35.33 1.78 0.00	48.37 2.11 0.00	49.01 1.91 1.30	51.51 2.13 0.00	50.56 2.19 0.00	44.70 1.90 0.00	41.60 2.01 -0.01
BATAVIA__115KV_TB1 55881	34.71 -0.24 0.00	34.93 -0.14 0.00	35.71 -0.33 0.00	32.39 -0.29 0.00	41.75 -0.20 0.00	57.54 -0.06 0.00	61.82 0.23 0.00	41.35 -0.77 0.00	28.52 -0.68 0.00	27.89 -0.68 0.00	29.95 -0.34 0.00	27.31 -0.73 0.00	26.86 -0.87 0.00	27.44 -0.67 0.00	29.53 -0.61 0.00	30.69 -0.36 0.00	31.20 -0.30 0.00	33.11 -0.44 0.00	44.10 -1.14 1.02	47.29 -1.11 0.00	48.55 -0.83 0.00	46.60 -1.39 0.38	40.81 -1.24 0.73	38.88 -0.70 0.00
BAYONEEC__CTG1 323682	36.73 1.78 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.10 1.43 0.00	43.60 1.66 0.00	59.86 2.27 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.66 2.08 0.00	32.54 2.25 0.00	30.22 2.18 0.00	29.81 2.07 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.22 2.17 0.00	33.69 2.20 0.00	35.75 2.20 0.00	49.06 2.80 0.00	51.08 2.68 0.00	52.22 2.84 0.00	51.08 2.71 0.00	45.27 2.48 0.00	41.84 2.26 0.00
BAYONEEC__CTG10 323750	36.73 1.78 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.10 1.43 0.00	43.60 1.66 0.00	59.86 2.27 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.66 2.08 0.00	32.54 2.25 0.00	30.22 2.18 0.00	29.81 2.07 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.22 2.17 0.00	33.69 2.20 0.00	35.75 2.20 0.00	49.06 2.80 0.00	51.08 2.68 0.00	52.22 2.84 0.00	51.08 2.71 0.00	45.27 2.48 0.00	41.84 2.26 0.00
BAYONEEC__CTG2 323683	36.73 1.78 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.10 1.43 0.00	43.60 1.66 0.00	59.86 2.27 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.66 2.08 0.00	32.54 2.25 0.00	30.22 2.18 0.00	29.81 2.07 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.22 2.17 0.00	33.69 2.20 0.00	35.75 2.20 0.00	49.06 2.80 0.00	51.08 2.68 0.00	52.22 2.84 0.00	51.08 2.71 0.00	45.27 2.48 0.00	41.84 2.26 0.00
BAYONEEC__CTG3 323684	36.73 1.78 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.10 1.43 0.00	43.60 1.66 0.00	59.86 2.27 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.66 2.08 0.00	32.54 2.25 0.00	30.22 2.18 0.00	29.81 2.07 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.22 2.17 0.00	33.69 2.20 0.00	35.75 2.20 0.00	49.06 2.80 0.00	51.08 2.68 0.00	52.22 2.84 0.00	51.08 2.71 0.00	45.27 2.48 0.00	41.84 2.26 0.00
BAYONEEC__CTG4 323685	36.73 1.78 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.10 1.43 0.00	43.60 1.66 0.00	59.86 2.27 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.66 2.08 0.00	32.54 2.25 0.00	30.22 2.18 0.00	29.81 2.07 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.22 2.17 0.00	33.69 2.20 0.00	35.75 2.20 0.00	49.06 2.80 0.00	51.08 2.68 0.00	52.22 2.84 0.00	51.08 2.71 0.00	45.27 2.48 0.00	41.84 2.26 0.00
BAYONEEC__CTG5 323686	36.73 1.78 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.10 1.43 0.00	43.60 1.66 0.00	59.86 2.27 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.66 2.08 0.00	32.54 2.25 0.00	30.22 2.18 0.00	29.81 2.07 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.22 2.17 0.00	33.69 2.20 0.00	35.75 2.20 0.00	49.06 2.80 0.00	51.08 2.68 0.00	52.22 2.84 0.00	51.08 2.71 0.00	45.27 2.48 0.00	41.84 2.26 0.00
BAYONEEC__CTG6 323687	36.73 1.78 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.10 1.43 0.00	43.60 1.66 0.00	59.86 2.27 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.66 2.08 0.00	32.54 2.25 0.00	30.22 2.18 0.00	29.81 2.07 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.22 2.17 0.00	33.69 2.20 0.00	35.75 2.20 0.00	49.06 2.80 0.00	51.08 2.68 0.00	52.22 2.84 0.00	51.08 2.71 0.00	45.27 2.48 0.00	41.84 2.26 0.00
BAYONEEC__CTG7 323688	36.73 1.78 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.10 1.43 0.00	43.60 1.66 0.00	59.86 2.27 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.66 2.08 0.00	32.54 2.25 0.00	30.22 2.18 0.00	29.81 2.07 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.22 2.17 0.00	33.69 2.20 0.00	35.75 2.20 0.00	49.06 2.80 0.00	51.08 2.68 0.00	52.22 2.84 0.00	51.08 2.71 0.00	45.27 2.48 0.00	41.84 2.26 0.00

BAYONEEC___CTG8 323689	36.73 1.78 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.10 1.43 0.00	43.60 1.66 0.00	59.86 2.27 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.66 2.08 0.00	32.54 2.25 0.00	30.22 2.18 0.00	29.81 2.07 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.22 2.17 0.00	33.69 2.20 0.00	35.75 2.20 0.00	49.06 2.80 0.00	51.08 2.68 0.00	52.22 2.84 0.00	51.08 2.71 0.00	45.27 2.48 0.00	41.84 2.26 0.00
BAYONEEC___CTG9 323749	36.73 1.78 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.10 1.43 0.00	43.60 1.66 0.00	59.86 2.27 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.66 2.08 0.00	32.54 2.25 0.00	30.22 2.18 0.00	29.81 2.07 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.22 2.17 0.00	33.69 2.20 0.00	35.75 2.20 0.00	49.06 2.80 0.00	51.08 2.68 0.00	52.22 2.84 0.00	51.08 2.71 0.00	45.27 2.48 0.00	41.84 2.26 0.00
BEACON___LESR 323632	35.94 0.99 0.00	36.14 1.07 0.00	37.17 1.13 0.00	33.67 0.99 0.00	43.13 1.18 0.00	59.09 1.49 0.00	63.27 1.68 0.00	43.43 1.31 0.00	30.21 1.01 0.00	29.52 0.94 0.00	31.14 0.85 0.00	28.85 0.81 0.00	28.53 0.80 0.00	28.96 0.84 0.00	31.04 0.90 0.00	31.90 0.85 0.00	32.40 0.90 0.00	34.49 0.93 0.00	47.49 1.23 0.00	49.50 1.10 0.00	50.57 1.19 0.00	49.65 1.29 0.00	43.92 1.13 0.00	40.60 1.02 0.00
BEAVER RIVER___HYD 24048	32.61 -2.34 0.00	33.07 -2.00 0.00	34.50 -1.54 0.00	31.63 -1.05 0.00	41.12 -0.82 0.00	56.68 -0.92 0.00	60.15 -1.44 0.00	40.11 -2.01 0.00	27.17 -2.04 0.00	26.50 -2.07 0.00	28.20 -2.09 0.00	26.08 -1.96 0.00	25.93 -1.80 0.00	26.28 -1.84 0.00	28.14 -2.00 0.00	29.07 -1.99 0.00	29.70 -1.79 0.00	32.13 -1.43 0.00	44.84 -1.42 0.00	47.15 -1.25 0.00	47.95 -1.42 0.00	46.15 -2.22 0.00	40.24 -2.55 0.00	37.35 -2.23 0.00
BEEBEE_GT_13 23619	34.96 0.01 0.00	35.14 0.07 0.00	35.97 -0.06 0.00	32.61 -0.06 0.00	41.98 0.03 0.00	58.10 0.50 0.00	62.38 0.79 0.00	42.24 0.12 0.00	29.24 0.04 0.00	28.69 0.11 0.00	30.63 0.34 0.00	28.10 0.06 0.00	27.70 -0.03 0.00	28.17 0.06 0.00	30.30 0.16 0.00	31.33 0.27 0.00	31.77 0.28 0.00	33.70 0.15 0.00	45.44 -0.11 0.00	48.31 -0.09 0.00	49.46 0.08 0.00	47.84 -0.27 0.00	41.96 -0.32 0.00	39.51 -0.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.12 2.16 0.00	37.20 2.13 0.00	38.13 2.09 0.00	34.51 1.83 0.00	44.09 2.15 0.00	60.46 2.86 0.00	64.85 3.26 0.00	45.28 3.16 0.00	31.60 2.39 -0.01	31.04 2.46 0.00	32.93 2.63 -0.01	30.60 2.55 -0.01	30.17 2.43 -0.01	30.52 2.40 -0.01	32.59 2.45 0.00	33.63 2.57 -0.01	34.12 2.63 0.00	36.20 2.64 0.00	49.62 3.36 0.00	51.67 3.27 0.00	52.89 3.51 0.00	51.71 3.34 0.00	45.92 3.14 0.00	42.38 2.80 0.00
BETHLEHEM___GRP 23843	35.41 0.46 0.00	35.58 0.51 0.00	36.59 0.55 0.00	33.12 0.45 0.00	42.39 0.44 0.00	58.00 0.40 0.00	62.02 0.43 0.00	42.66 0.54 0.00	29.73 0.53 0.00	29.11 0.53 0.00	30.75 0.46 0.00	28.49 0.46 0.00	28.20 0.47 0.00	28.60 0.49 0.00	30.66 0.53 0.00	31.51 0.45 0.00	31.94 0.44 0.00	33.92 0.36 0.00	46.64 0.38 0.00	48.60 0.20 0.00	49.63 0.25 0.00	48.78 0.41 0.00	43.20 0.41 0.00	39.98 0.40 0.00
BETHLEHEM___GS1 323560	35.41 0.46 0.00	35.58 0.51 0.00	36.59 0.55 0.00	33.12 0.45 0.00	42.39 0.44 0.00	58.00 0.41 0.00	62.02 0.43 0.00	42.66 0.54 0.00	29.74 0.54 0.00	29.11 0.53 0.00	30.76 0.47 0.00	28.49 0.45 0.00	28.20 0.47 0.00	28.60 0.49 0.00	30.66 0.52 0.00	31.51 0.45 0.00	31.94 0.44 0.00	33.92 0.36 0.00	46.64 0.38 0.00	48.60 0.20 0.00	49.63 0.25 0.00	48.78 0.41 0.00	43.21 0.42 0.00	39.98 0.41 0.00
BETHLEHEM___GS2 323561	35.41 0.46 0.00	35.58 0.51 0.00	36.59 0.55 0.00	33.12 0.45 0.00	42.39 0.44 0.00	58.00 0.41 0.00	62.02 0.43 0.00	42.66 0.54 0.00	29.74 0.54 0.00	29.11 0.53 0.00	30.76 0.47 0.00	28.49 0.45 0.00	28.20 0.47 0.00	28.60 0.49 0.00	30.66 0.52 0.00	31.51 0.45 0.00	31.94 0.44 0.00	33.92 0.36 0.00	46.64 0.38 0.00	48.60 0.20 0.00	49.63 0.25 0.00	48.78 0.41 0.00	43.21 0.42 0.00	39.98 0.41 0.00
BETHLEHEM___GS3 323562	35.41 0.46 0.00	35.58 0.51 0.00	36.59 0.55 0.00	33.12 0.45 0.00	42.39 0.44 0.00	58.00 0.41 0.00	62.02 0.43 0.00	42.66 0.54 0.00	29.74 0.54 0.00	29.11 0.53 0.00	30.76 0.47 0.00	28.49 0.45 0.00	28.20 0.47 0.00	28.60 0.49 0.00	30.66 0.52 0.00	31.51 0.45 0.00	31.94 0.44 0.00	33.92 0.36 0.00	46.64 0.38 0.00	48.60 0.20 0.00	49.63 0.25 0.00	48.78 0.41 0.00	43.21 0.42 0.00	39.98 0.41 0.00
BETHLEHEM___STEEL 23779	34.04 -0.92 0.00	34.35 -0.72 0.00	35.05 -0.99 0.00	31.78 -0.90 0.00	40.86 -1.08 0.00	56.05 -1.55 0.00	59.99 -1.60 0.00	39.95 -2.17 0.00	27.76 -1.44 0.00	27.28 -1.30 0.00	29.56 -0.73 0.00	27.13 -0.90 0.00	26.70 -1.03 0.00	27.28 -0.84 0.00	29.36 -0.78 0.00	30.29 -0.78 0.00	30.51 -0.98 0.00	32.05 -1.50 0.00	42.26 -2.64 1.36	45.70 -2.70 0.00	46.92 -2.45 0.00	44.82 -3.04 0.50	39.14 -2.68 0.97	37.59 -1.98 0.00
BETHLHEM_115KV_TB1 79974	35.48 0.53 0.00	35.66 0.59 0.00	36.67 0.63 0.00	33.20 0.52 0.00	42.51 0.56 0.00	58.17 0.57 0.00	62.19 0.60 0.00	42.76 0.64 0.00	29.80 0.60 0.00	29.17 0.60 0.00	30.83 0.54 0.00	28.57 0.53 0.00	28.26 0.52 0.00	28.66 0.54 0.00	30.72 0.59 0.00	31.58 0.53 0.00	32.00 0.51 0.00	34.00 0.45 0.00	46.77 0.51 0.00	48.74 0.35 0.00	49.77 0.40 0.00	48.91 0.54 0.00	43.31 0.52 0.00	40.07 0.49 0.00
BETHPAGE_CC_5 323564	36.46 1.51 0.00	36.66 1.59 0.00	37.66 1.62 0.00	34.05 1.37 0.00	43.21 1.26 0.00	49.09 1.26 9.76	61.42 1.77 1.94	29.59 1.97 14.50	26.41 1.63 4.43	30.56 1.98 0.00	32.87 2.52 -0.06	30.44 2.40 0.00	33.69 2.23 -3.73	30.29 2.18 0.00	32.25 2.11 0.00	33.22 2.16 0.00	33.55 2.05 0.00	35.33 1.77 0.00	48.50 2.24 0.00	48.50 2.12 2.02	51.70 2.33 0.00	50.70 2.33 0.00	44.74 1.95 0.01	41.71 2.13 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.21 -0.74 0.00	34.52 -0.55 0.00	35.24 -0.81 0.00	31.95 -0.73 0.00	41.07 -0.87 0.00	56.33 -1.27 0.00	60.29 -1.30 0.00	40.18 -1.94 0.00	27.93 -1.28 0.00	27.44 -1.14 0.00	29.72 -0.57 0.00	27.27 -0.77 0.00	26.81 -0.92 0.00	27.39 -0.72 0.00	29.49 -0.65 0.00	30.42 -0.64 0.00	30.66 -0.84 0.00	32.20 -1.35 0.00	42.45 -2.42 1.40	45.92 -2.48 0.00	47.20 -2.18 0.00	45.04 -2.81 0.52	39.27 -2.52 1.00	37.67 -1.91 0.00
BINGHAMTON___COGEN 23790	35.37 0.42 0.00	35.55 0.49 0.00	36.52 0.48 0.00	33.12 0.44 0.00	42.50 0.56 0.00	58.40 0.80 0.00	62.56 0.97 0.00	42.58 0.46 0.00	29.43 0.23 0.00	28.74 0.16 0.00	30.59 0.30 0.00	28.28 0.24 0.00	27.90 0.17 0.00	28.24 0.13 0.00	30.29 0.15 0.00	31.26 0.20 0.00	31.73 0.24 0.00	33.83 0.27 0.00	47.90 0.36 -1.28	48.71 0.31 0.00	49.79 0.41 0.00	49.13 0.29 -0.47	43.85 0.15 -0.91	39.70 0.12 0.00

BIXINCNT_115KV_LOAD 355685	34.91 -0.04 0.00	35.26 0.19 0.00	36.01 -0.03 0.00	32.62 -0.06 0.00	41.84 -0.10 0.00	57.10 -0.49 0.00	61.00 -0.59 0.00	40.74 -1.38 0.00	28.41 -0.79 0.00	27.93 -0.65 0.00	30.06 -0.23 0.00	27.56 -0.48 0.00	27.00 -0.74 0.00	27.56 -0.56 0.00	29.70 -0.43 0.00	30.64 -0.42 0.00	30.91 -0.59 0.00	32.50 -1.06 0.00	42.83 -1.94 1.49	46.23 -2.17 0.00	47.86 -1.52 0.00	45.37 -2.45 0.55	39.16 -2.56 1.07	37.08 -2.50 0.00
BLACK RIVER___HYD 24047	32.25 -2.71 0.00	32.80 -2.27 0.00	34.35 -1.69 0.00	31.56 -1.12 0.00	41.15 -0.79 0.00	56.75 -0.84 0.00	60.14 -1.45 0.00	39.68 -2.44 0.00	26.67 -2.54 0.00	26.14 -2.44 0.00	27.78 -2.51 0.00	25.71 -2.34 0.00	25.56 -2.18 0.00	25.89 -2.23 0.00	27.68 -2.46 0.00	28.67 -2.39 0.00	29.29 -2.21 0.00	31.86 -1.69 0.00	44.61 -1.66 0.00	47.09 -1.31 0.00	47.96 -1.42 0.00	45.94 -2.43 0.00	39.89 -2.90 0.00	37.05 -2.53 0.00
BLACKRVR_115KV_TB2 79977	32.25 -2.71 0.00	32.80 -2.27 0.00	34.35 -1.69 0.00	31.56 -1.12 0.00	41.15 -0.79 0.00	56.75 -0.84 0.00	60.14 -1.45 0.00	39.68 -2.44 0.00	26.67 -2.54 0.00	26.14 -2.44 0.00	27.78 -2.51 0.00	25.70 -2.34 0.00	25.56 -2.17 0.00	25.89 -2.22 0.00	27.68 -2.46 0.00	28.67 -2.39 0.00	29.29 -2.21 0.00	31.86 -1.69 0.00	44.61 -1.65 0.00	47.08 -1.32 0.00	47.96 -1.42 0.00	45.93 -2.44 0.00	39.89 -2.90 0.00	37.05 -2.53 0.00
BLDWN_LI_69_KV_BK4 356085	36.68 1.73 0.00	36.89 1.82 0.00	37.87 1.83 0.00	34.24 1.56 0.00	43.50 1.56 0.00	53.39 1.73 5.93	62.21 2.26 1.64	32.37 2.29 12.04	27.35 1.75 3.60	30.66 2.08 0.00	32.95 2.59 -0.07	30.52 2.48 0.00	33.76 2.31 -3.73	30.40 2.29 0.00	32.41 2.28 0.00	33.40 2.34 0.00	33.73 2.24 0.00	35.60 2.05 0.00	48.86 2.60 0.00	49.45 2.50 1.45	52.13 2.75 0.00	51.10 2.73 0.00	45.12 2.33 0.00	41.95 2.37 0.00
BLISS_WT_PWR 323608	34.96 0.01 0.00	35.29 0.22 0.00	36.05 0.01 0.00	32.65 -0.03 0.00	41.87 -0.08 0.00	57.06 -0.54 0.00	60.90 -0.69 0.00	40.71 -1.41 0.00	28.41 -0.80 0.00	27.95 -0.63 0.00	30.04 -0.25 0.00	27.55 -0.49 0.00	26.99 -0.74 0.00	27.55 -0.57 0.00	29.69 -0.44 0.00	30.62 -0.43 0.00	30.89 -0.61 0.00	32.49 -1.06 0.00	42.82 -1.95 1.49	46.16 -2.24 0.00	47.86 -1.52 0.00	45.28 -2.54 0.55	39.01 -2.72 1.07	36.81 -2.77 0.00
BLUESTONE___WT_PWR 323821	36.81 1.86 0.00	37.05 1.98 0.00	38.19 2.15 0.00	34.73 2.05 0.00	44.64 2.69 0.00	61.56 3.96 0.00	66.07 4.48 0.00	44.81 2.69 0.00	30.69 1.49 0.00	29.78 1.20 0.00	31.56 1.27 0.00	29.07 1.03 0.00	28.74 1.01 0.00	29.11 1.00 0.00	31.23 1.10 0.00	32.26 1.20 0.00	32.82 1.33 0.00	35.31 1.75 0.00	49.51 2.72 -0.52	50.80 2.40 0.00	51.69 2.31 0.00	50.48 1.92 -0.19	44.48 1.32 -0.37	40.32 0.74 0.00
BLUE_CIRC_CHEM_DRP 24182	35.81 0.86 0.00	36.04 0.97 0.00	37.09 1.05 0.00	33.59 0.91 0.00	43.05 1.11 0.00	58.96 1.37 0.00	62.98 1.39 0.00	43.10 0.98 0.00	29.89 0.69 0.00	29.22 0.64 0.00	30.89 0.60 0.00	28.67 0.63 0.00	28.33 0.60 0.00	28.77 0.66 0.00	30.81 0.68 0.00	31.73 0.68 0.00	32.18 0.68 0.00	34.21 0.65 0.00	47.18 0.92 0.00	49.20 0.80 0.00	50.24 0.86 0.00	49.35 0.98 0.00	43.68 0.89 0.00	40.43 0.85 0.00
BOC_GAS_DRP 24189	35.64 0.69 0.00	35.81 0.74 0.00	36.83 0.79 0.00	33.36 0.68 0.00	42.75 0.81 0.00	58.55 0.96 0.00	62.58 0.98 0.00	43.01 0.89 0.00	29.95 0.74 0.00	29.32 0.74 0.00	31.01 0.72 0.00	28.73 0.69 0.00	28.42 0.69 0.00	28.82 0.70 0.00	30.88 0.74 0.00	31.78 0.73 0.00	32.19 0.69 0.00	34.17 0.62 0.00	47.07 0.80 0.00	49.05 0.65 0.00	50.08 0.71 0.00	49.20 0.83 0.00	43.55 0.76 0.00	40.30 0.72 0.00
BOONVILLE_115KV_TB1 79983	34.63 -0.33 0.00	34.95 -0.11 0.00	36.21 0.17 0.00	33.06 0.38 0.00	42.74 0.80 0.00	58.91 1.31 0.00	62.80 1.21 0.00	42.22 0.10 0.00	28.77 -0.43 0.00	28.00 -0.58 0.00	29.82 -0.47 0.00	27.57 -0.47 0.00	27.29 -0.44 0.00	27.63 -0.48 0.00	29.62 -0.52 0.00	30.58 -0.48 0.00	31.32 -0.18 0.00	33.73 0.17 0.00	46.95 0.69 0.00	49.24 0.84 0.00	50.14 0.76 0.00	48.63 0.26 0.00	42.59 -0.20 0.00	39.43 -0.15 0.00
BORALEX_4TH_BRANCH 23824	36.68 1.73 0.00	36.88 1.81 0.00	37.75 1.70 0.00	34.25 1.57 0.00	43.96 2.02 0.00	60.06 2.47 0.00	63.96 2.37 0.00	43.71 1.59 0.00	30.75 1.55 0.00	30.09 1.51 0.00	31.69 1.40 0.00	29.22 1.18 0.00	28.92 1.19 0.00	29.32 1.21 0.00	31.60 1.46 0.00	32.40 1.34 0.00	32.76 1.26 0.00	34.68 1.13 0.00	48.11 1.84 0.00	50.05 1.65 0.00	51.02 1.64 0.00	50.41 2.04 0.00	44.62 1.83 0.00	41.38 1.80 0.00
BOWLINE___1 23526	36.49 1.54 0.00	36.54 1.47 0.00	37.48 1.44 0.00	33.92 1.24 0.00	43.40 1.46 0.00	59.65 2.06 0.00	64.04 2.45 0.00	44.38 2.26 0.00	30.86 1.65 0.00	30.27 1.70 0.00	32.08 1.79 0.00	29.77 1.73 0.00	29.32 1.59 0.00	29.69 1.57 0.00	31.74 1.60 0.00	32.77 1.71 0.00	33.24 1.75 0.00	35.31 1.75 0.00	48.62 2.36 0.00	50.69 2.29 0.00	51.89 2.51 0.00	50.74 2.38 0.00	44.89 2.10 0.00	41.50 1.92 0.00
BOWLINE___2 23595	36.49 1.54 0.00	36.54 1.47 0.00	37.48 1.44 0.00	33.92 1.24 0.00	43.40 1.46 0.00	59.65 2.06 0.00	64.05 2.46 0.00	44.38 2.26 0.00	30.86 1.65 0.00	30.27 1.70 0.00	32.09 1.80 0.00	29.77 1.73 0.00	29.32 1.59 0.00	29.69 1.57 0.00	31.74 1.61 0.00	32.77 1.72 0.00	33.25 1.75 0.00	35.31 1.75 0.00	48.62 2.36 0.00	50.69 2.29 0.00	51.89 2.51 0.00	50.74 2.38 0.00	44.89 2.10 0.00	41.50 1.92 0.00
BRADY___115KV_TB2 356060	34.80 -0.15 0.00	34.89 -0.17 0.00	35.86 -0.18 0.00	32.60 -0.08 0.00	41.94 0.00 0.00	57.65 0.05 0.00	61.52 -0.07 0.00	41.84 -0.28 0.00	28.75 -0.46 0.00	28.09 -0.49 0.00	29.73 -0.56 0.00	27.50 -0.53 0.00	27.23 -0.50 0.00	27.62 -0.49 0.00	29.63 -0.51 0.00	30.56 -0.49 0.00	31.02 -0.47 0.00	33.18 -0.37 0.00	45.90 -0.36 0.00	48.52 0.12 0.00	49.42 0.05 0.00	48.19 -0.18 0.00	42.63 -0.15 0.00	39.38 -0.20 0.00
BRANSCOMB___SOLAR 323811	36.33 1.38 0.00	36.43 1.36 0.00	37.41 1.36 0.00	33.95 1.27 0.00	43.61 1.67 0.00	59.79 2.20 0.00	63.95 2.36 0.00	43.62 1.49 0.00	30.25 1.04 0.00	29.41 0.84 0.00	30.99 0.70 0.00	28.61 0.57 0.00	28.33 0.60 0.00	28.68 0.56 0.00	30.80 0.67 0.00	31.58 0.52 0.00	32.10 0.60 0.00	34.41 0.85 0.00	47.84 1.57 0.00	50.02 1.62 0.00	51.06 1.69 0.00	50.22 1.85 0.00	44.43 1.64 0.00	41.12 1.54 0.00
BRDGHMPT_69_KV_BK1 55812	36.52 1.56 0.00	36.68 1.61 0.00	37.73 1.69 0.00	34.13 1.45 0.00	43.32 1.38 0.00	46.92 1.65 12.33	70.26 2.81 -5.87	28.08 2.67 16.71	26.32 2.01 4.89	30.85 2.27 0.00	33.50 3.16 -0.05	31.03 2.99 0.00	34.34 2.89 -3.73	31.00 2.88 0.00	32.64 2.50 0.00	33.66 2.61 0.00	34.00 2.51 0.00	37.48 2.72 -1.20	49.63 3.36 0.00	48.69 2.83 2.54	52.34 2.96 0.00	51.60 3.22 0.00	45.17 2.39 0.01	41.85 2.27 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	36.60 1.65 0.00	36.84 1.77 0.00	37.88 1.84 0.00	34.25 1.57 0.00	43.38 1.44 0.00	47.07 1.48 12.00	68.81 1.99 -5.22	27.98 2.18 16.32	26.08 1.67 4.79	30.56 1.98 0.00	32.97 2.63 -0.05	30.54 2.50 0.00	33.78 2.32 -3.73	30.43 2.31 0.00	32.41 2.27 0.00	33.37 2.32 0.00	33.65 2.16 0.00	36.59 1.94 -1.09	48.70 2.44 0.00	48.15 2.22 2.47	51.75 2.37 0.00	50.89 2.53 0.00	44.84 2.06 0.01	41.72 2.14 0.00
BRISTLHL_115KV_TB1 79998	33.88 -1.08 0.00	33.99 -1.08 0.00	34.93 -1.11 0.00	31.67 -1.01 0.00	40.67 -1.27 0.00	55.96 -1.64 0.00	59.97 -1.62 0.00	40.89 -1.23 0.00	28.30 -0.90 0.00	27.70 -0.88 0.00	29.47 -0.82 0.00	27.26 -0.78 0.00	26.93 -0.80 0.00	27.25 -0.86 0.00	29.18 -0.96 0.00	30.11 -0.95 0.00	30.59 -0.91 0.00	32.61 -0.94 0.00	44.95 -1.32 0.00	46.96 -1.44 0.00	47.95 -1.43 0.00	47.00 -1.37 0.00	41.51 -1.28 0.00	38.38 -1.19 0.00
BROOKHAVEN__DRP 24191	36.51 1.55 0.00	36.72 1.65 0.00	37.75 1.71 0.00	34.14 1.47 0.00	43.23 1.29 0.00	46.56 1.29 12.33	69.33 1.79 -5.95	27.40 1.99 16.71	25.90 1.59 4.89	30.48 1.90 0.00	32.94 2.60 -0.05	30.51 2.48 0.00	33.76 2.31 -3.73	30.45 2.33 0.00	32.32 2.18 0.00	33.30 2.24 0.00	33.56 2.06 0.00	36.74 1.98 -1.21	48.55 2.29 0.00	47.59 1.73 2.54	51.30 1.93 0.00	50.63 2.26 0.00	44.49 1.71 0.01	41.36 1.78 0.00
BROOKLYN_NAVY_YARD 23515	36.59 1.64 0.00	36.65 1.58 0.00	37.57 1.53 0.00	33.99 1.31 0.00	43.48 1.54 0.00	59.70 2.11 0.00	64.02 2.44 0.02	44.54 2.42 0.00	31.09 1.89 0.00	30.58 2.00 0.00	32.46 2.17 0.00	30.20 2.15 0.00	29.73 2.00 0.00	30.06 1.95 0.00	32.09 1.96 0.00	33.11 2.06 0.00	33.59 2.09 0.00	35.63 2.07 0.00	48.92 2.65 0.00	50.94 2.54 0.00	52.10 2.73 0.00	50.95 2.58 0.00	45.16 2.37 0.00	41.73 2.15 0.00
BROOKLYN__ARMY_DRP 323595	36.95 2.00 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.69 0.00	43.91 1.97 0.00	60.20 2.60 0.00	64.55 2.96 0.00	45.07 2.95 0.00	31.45 2.24 -0.01	30.90 2.32 0.00	32.76 2.47 -0.01	30.46 2.41 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.00 2.45 0.00	49.35 3.09 0.00	51.39 2.99 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
BROOME_2_LFGE 323671	35.37 0.42 0.00	35.55 0.48 0.00	36.52 0.48 0.00	33.12 0.44 0.00	42.50 0.56 0.00	58.40 0.80 0.00	62.56 0.97 0.00	42.58 0.46 0.00	29.43 0.22 0.00	28.74 0.16 0.00	30.59 0.30 0.00	28.28 0.24 0.00	27.90 0.17 0.00	28.24 0.13 0.00	30.29 0.15 0.00	31.26 0.20 0.00	31.73 0.24 0.00	33.83 0.27 0.00	47.90 0.36 -1.28	48.72 0.32 0.00	49.79 0.41 0.00	49.13 0.29 -0.47	43.85 0.15 -0.91	39.70 0.13 0.00
BROOME__LFGE 323600	35.37 0.42 0.00	35.55 0.48 0.00	36.52 0.48 0.00	33.12 0.44 0.00	42.50 0.56 0.00	58.40 0.80 0.00	62.56 0.97 0.00	42.58 0.46 0.00	29.43 0.22 0.00	28.74 0.16 0.00	30.59 0.30 0.00	28.28 0.24 0.00	27.90 0.17 0.00	28.24 0.13 0.00	30.29 0.15 0.00	31.26 0.20 0.00	31.73 0.24 0.00	33.83 0.27 0.00	47.90 0.36 -1.28	48.72 0.32 0.00	49.79 0.41 0.00	49.13 0.29 -0.47	43.85 0.15 -0.91	39.70 0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	32.76 -2.19 0.00	33.05 -2.02 0.00	34.27 -1.78 0.00	31.31 -1.37 0.00	40.53 -1.41 0.00	55.80 -1.79 0.00	59.33 -2.26 0.00	39.96 -2.16 0.00	27.25 -1.95 0.00	26.60 -1.98 0.00	28.23 -2.06 0.00	26.10 -1.93 0.00	25.92 -1.81 0.00	26.28 -1.84 0.00	28.15 -1.99 0.00	29.07 -1.99 0.00	29.64 -1.86 0.00	31.91 -1.64 0.00	44.38 -1.88 0.00	46.68 -1.72 0.00	47.48 -1.90 0.00	45.94 -2.42 0.00	40.31 -2.47 0.00	37.32 -2.26 0.00
BROWNSV1_27_KV_LOAD 356125	37.00 2.05 0.00	37.03 1.96 0.00	37.95 1.91 0.00	34.34 1.66 0.00	43.91 1.97 0.00	60.30 2.70 0.00	64.77 3.18 0.00	45.05 2.93 0.00	31.44 2.23 0.00	30.90 2.32 0.00	32.79 2.50 0.00	30.46 2.42 0.00	30.02 2.29 0.00	30.37 2.25 0.00	32.43 2.29 0.00	33.46 2.40 0.00	33.93 2.43 0.00	36.02 2.46 0.00	49.45 3.18 0.00	51.51 3.11 0.00	52.67 3.30 0.00	51.50 3.13 0.00	45.62 2.83 0.00	42.14 2.57 0.00
BURROWS__LYONSDAL 23803	34.11 -0.84 0.00	34.49 -0.58 0.00	35.81 -0.23 0.00	32.73 0.05 0.00	42.40 0.45 0.00	58.42 0.82 0.00	62.20 0.62 0.00	41.73 -0.39 0.00	28.39 -0.81 0.00	27.64 -0.94 0.00	29.44 -0.85 0.00	27.22 -0.82 0.00	26.97 -0.76 0.00	27.31 -0.80 0.00	29.27 -0.87 0.00	30.24 -0.82 0.00	30.95 -0.55 0.00	33.36 -0.19 0.00	46.49 0.22 0.00	48.76 0.36 0.00	49.61 0.24 0.00	48.01 -0.35 0.00	41.98 -0.81 0.00	38.92 -0.66 0.00
CAITHNESS_CC_1 323624	36.37 1.42 0.00	36.60 1.53 0.00	37.62 1.58 0.00	34.02 1.35 0.00	43.06 1.12 0.00	46.22 0.96 12.34	69.14 1.45 -6.10	27.21 1.79 16.70	25.77 1.45 4.88	30.37 1.79 0.00	32.82 2.48 -0.05	30.41 2.37 0.00	33.66 2.20 -3.73	30.34 2.23 0.00	32.24 2.10 0.00	33.20 2.15 0.00	33.46 1.96 0.00	36.58 1.79 -1.23	48.36 2.09 0.00	47.49 1.63 2.54	51.20 1.83 0.00	50.44 2.07 0.00	44.40 1.62 0.01	41.28 1.70 0.00
CALPINE BETH_PAGE_GT4 24209	36.50 1.55 0.00	36.70 1.63 0.00	37.69 1.65 0.00	34.06 1.38 0.00	43.25 1.31 0.00	50.29 1.39 8.70	61.70 1.88 1.76	30.98 2.05 13.19	26.84 1.66 4.02	30.61 2.04 0.00	32.92 2.56 -0.07	30.49 2.45 0.00	33.73 2.28 -3.73	30.36 2.24 0.00	32.34 2.20 0.00	33.31 2.26 0.00	33.63 2.13 0.00	35.39 1.83 0.00	48.57 2.31 0.00	48.78 2.20 1.82	51.80 2.42 0.00	50.77 2.40 0.00	44.82 2.03 0.00	41.81 2.23 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.50 1.55 0.00	36.70 1.63 0.00	37.69 1.65 0.00	34.06 1.38 0.00	43.25 1.31 0.00	50.24 1.34 8.70	61.70 1.87 1.76	30.95 2.02 13.19	26.82 1.64 4.02	30.61 2.03 0.00	32.91 2.56 -0.07	30.48 2.44 0.00	33.73 2.28 -3.73	30.36 2.25 0.00	32.34 2.20 0.00	33.31 2.26 0.00	33.64 2.14 0.00	35.39 1.83 0.00	48.57 2.31 0.00	48.78 2.20 1.82	51.79 2.41 0.00	50.77 2.40 0.00	44.83 2.04 0.00	41.81 2.24 0.00
CALPINE_BP_GT1 23823	36.50 1.55 0.00	36.70 1.63 0.00	37.69 1.65 0.00	34.06 1.38 0.00	43.25 1.31 0.00	50.24 1.34 8.70	61.70 1.87 1.76	30.95 2.02 13.19	26.82 1.64 4.02	30.61 2.03 0.00	32.91 2.56 -0.07	30.48 2.44 0.00	33.73 2.28 -3.73	30.36 2.25 0.00	32.34 2.20 0.00	33.31 2.26 0.00	33.64 2.14 0.00	35.39 1.83 0.00	48.57 2.31 0.00	48.78 2.20 1.82	51.79 2.41 0.00	50.77 2.40 0.00	44.83 2.04 0.00	41.81 2.24 0.00
CALSPAN__DRP 24200	34.04 -0.92 0.00	34.35 -0.72 0.00	35.05 -0.99 0.00	31.78 -0.90 0.00	40.86 -1.08 0.00	56.05 -1.55 0.00	59.99 -1.60 0.00	39.95 -2.17 0.00	27.76 -1.44 0.00	27.28 -1.30 0.00	29.56 -0.73 0.00	27.13 -0.90 0.00	26.70 -1.03 0.00	27.28 -0.84 0.00	29.36 -0.78 0.00	30.29 -0.78 0.00	30.51 -0.98 0.00	32.05 -1.50 0.00	42.26 -2.64 1.36	45.70 -2.70 0.00	46.92 -2.45 0.00	44.82 -3.04 0.50	39.14 -2.68 0.97	37.59 -1.98 0.00

CALVERTON___SOLAR 323806	36.56 1.61 0.00	36.78 1.70 0.00	37.81 1.77 0.00	34.19 1.52 0.00	43.30 1.36 0.00	46.62 1.35 12.33	69.48 1.96 -5.93	27.46 2.05 16.71	25.93 1.61 4.89	30.51 1.94 0.00	33.00 2.66 -0.05	30.58 2.54 0.00	33.83 2.38 -3.73	30.52 2.41 0.00	32.36 2.22 0.00	33.35 2.29 0.00	33.63 2.14 0.00	36.84 2.08 -1.21	48.69 2.42 0.00	47.68 1.82 2.54	51.40 2.03 0.00	50.76 2.39 0.00	44.57 1.79 0.01	41.41 1.83 0.00
CANDIGU_WT_PWR 323617	34.45 -0.51 0.00	34.92 -0.15 0.00	35.71 -0.33 0.00	32.38 -0.30 0.00	41.54 -0.41 0.00	56.96 -0.63 0.00	60.85 -0.74 0.00	40.23 -1.90 0.00	27.67 -1.54 0.00	27.20 -1.38 0.00	29.47 -0.82 0.00	26.96 -1.08 0.00	26.36 -1.37 0.00	26.75 -1.37 0.00	28.87 -1.27 0.00	29.88 -1.18 0.00	30.43 -1.07 0.00	32.20 -1.35 0.00	41.70 -2.35 2.22	45.59 -2.81 0.00	46.78 -2.60 0.00	44.50 -3.05 0.82	38.02 -3.19 1.58	36.79 -2.79 0.00
CARR STREET_E_SYP 24060	34.44 -0.52 0.00	34.56 -0.51 0.00	35.50 -0.54 0.00	32.17 -0.51 0.00	41.32 -0.62 0.00	56.87 -0.72 0.00	60.94 -0.65 0.00	41.54 -0.58 0.00	28.74 -0.46 0.00	28.14 -0.44 0.00	29.96 -0.32 0.00	27.73 -0.31 0.00	27.37 -0.36 0.00	27.70 -0.41 0.00	29.68 -0.45 0.00	30.62 -0.43 0.00	31.10 -0.40 0.00	33.13 -0.42 0.00	45.64 -0.63 0.00	47.68 -0.72 0.00	48.69 -0.68 0.00	47.69 -0.67 0.00	42.12 -0.66 0.00	38.97 -0.61 0.00
CARTHAGE___PAPER 23857	32.47 -2.48 0.00	32.96 -2.11 0.00	34.45 -1.60 0.00	31.61 -1.07 0.00	41.17 -0.78 0.00	56.74 -0.85 0.00	60.18 -1.41 0.00	39.93 -2.19 0.00	26.95 -2.25 0.00	26.34 -2.23 0.00	28.01 -2.28 0.00	25.92 -2.11 0.00	25.84 -1.89 0.00	26.18 -1.94 0.00	28.01 -2.13 0.00	28.91 -2.15 0.00	29.54 -1.96 0.00	32.02 -1.54 0.00	44.77 -1.50 0.00	47.15 -1.25 0.00	47.98 -1.40 0.00	46.07 -2.30 0.00	40.11 -2.69 0.00	37.24 -2.34 0.00
CASSADAGA_WT_PWR 323784	35.19 0.23 0.00	35.66 0.59 0.00	36.14 0.10 0.00	32.56 -0.12 0.00	41.59 -0.35 0.00	56.90 -0.69 0.00	60.63 -0.96 0.00	40.27 -1.85 0.00	27.78 -1.43 0.00	27.29 -1.29 0.00	29.64 -0.65 0.00	27.15 -0.89 0.00	26.67 -1.06 0.00	27.15 -0.96 0.00	29.21 -0.92 0.00	30.27 -0.79 0.00	30.36 -1.14 0.00	32.22 -1.33 0.00	42.22 -2.58 1.47	45.69 -2.71 0.00	46.69 -2.69 0.00	44.85 -2.98 0.54	39.70 -2.05 1.05	37.84 -1.74 0.00
CE_DUNWOOD___DRP 24194	36.62 1.67 0.00	36.67 1.60 0.00	37.61 1.57 0.00	34.04 1.36 0.00	43.54 1.60 0.00	59.80 2.21 0.00	64.21 2.61 0.00	44.54 2.42 0.00	31.03 1.82 0.00	30.46 1.89 0.00	32.29 2.00 0.00	29.97 1.94 0.00	29.56 1.83 0.00	29.91 1.79 0.00	31.97 1.83 0.00	32.98 1.93 0.00	33.45 1.95 0.00	35.51 1.95 0.00	48.83 2.57 0.00	50.89 2.49 0.00	52.05 2.68 0.00	50.92 2.55 0.00	45.07 2.28 0.00	41.67 2.09 0.00
CE_MILLWOOD___DRP 24193	36.56 1.61 0.00	36.61 1.55 0.00	37.56 1.52 0.00	33.99 1.31 0.00	43.49 1.55 0.00	59.74 2.15 0.00	64.13 2.54 0.00	44.47 2.34 0.00	30.96 1.76 0.00	30.40 1.82 0.00	32.21 1.92 0.00	29.89 1.85 0.00	29.46 1.73 0.00	29.82 1.71 0.00	31.88 1.75 0.00	32.90 1.84 0.00	33.36 1.86 0.00	35.43 1.87 0.00	48.74 2.48 0.00	50.80 2.40 0.00	51.97 2.60 0.00	50.84 2.47 0.00	45.00 2.21 0.00	41.60 2.02 0.00
CE_NYC2_DRP 24202	36.80 1.84 0.00	36.85 1.79 0.00	37.78 1.74 0.00	34.20 1.52 0.00	43.71 1.77 0.00	59.97 2.38 0.00	64.34 2.75 0.00	44.84 2.72 0.00	31.32 2.11 -0.01	30.79 2.21 0.00	32.70 2.41 -0.01	30.38 2.34 -0.01	29.95 2.22 -0.01	30.31 2.19 -0.01	32.34 2.21 0.00	33.37 2.31 -0.01	33.83 2.33 0.00	35.88 2.32 0.00	49.20 2.94 0.00	51.21 2.81 0.00	52.35 2.97 0.00	51.18 2.82 0.00	45.41 2.62 0.00	41.96 2.38 0.00
CE_NYC_DRP 24195	36.76 1.81 0.00	36.80 1.73 0.00	37.73 1.69 0.00	34.14 1.46 0.00	43.66 1.71 0.00	59.94 2.34 0.00	64.35 2.76 0.00	44.76 2.64 0.00	31.24 2.04 0.00	30.72 2.14 0.00	32.60 2.31 0.00	30.28 2.24 0.00	29.86 2.13 0.00	30.21 2.09 0.00	32.25 2.11 0.00	33.27 2.22 0.00	33.74 2.24 0.00	35.80 2.24 0.00	49.14 2.88 0.00	51.17 2.77 0.00	52.31 2.93 0.00	51.15 2.78 0.00	45.33 2.54 0.00	41.88 2.30 0.00
CHAFFEE___LFGE 323603	34.05 -0.91 0.00	34.37 -0.70 0.00	35.08 -0.96 0.00	31.81 -0.87 0.00	40.89 -1.05 0.00	56.12 -1.47 0.00	60.07 -1.52 0.00	40.04 -2.08 0.00	27.79 -1.41 0.00	27.31 -1.27 0.00	29.58 -0.71 0.00	27.14 -0.90 0.00	26.68 -1.05 0.00	27.26 -0.85 0.00	29.34 -0.79 0.00	30.27 -0.79 0.00	30.50 -1.00 0.00	32.04 -1.51 0.00	42.15 -2.68 1.42	45.71 -2.69 0.00	46.95 -2.43 0.00	44.82 -3.02 0.53	39.08 -2.69 1.02	37.56 -2.02 0.00
CHATEAUG_35_KV_LOAD 355732	35.00 0.04 0.00	35.03 -0.04 0.00	36.05 0.01 0.00	32.75 0.07 0.00	41.96 0.02 0.00	57.54 -0.05 0.00	61.26 -0.33 0.00	41.97 -0.15 0.00	29.07 -0.13 0.00	28.42 -0.15 0.00	30.03 -0.26 0.00	27.72 -0.32 0.00	27.46 -0.27 0.00	27.88 -0.23 0.00	29.97 -0.16 0.00	30.84 -0.21 0.00	31.32 -0.18 0.00	33.44 -0.11 0.00	46.12 -0.14 0.00	48.44 0.05 0.00	49.34 -0.04 0.00	48.25 -0.12 0.00	42.65 -0.13 0.00	39.11 -0.47 0.00
CHATEAUG_WT_PWR 323614	34.91 -0.04 0.00	34.96 -0.11 0.00	35.98 -0.06 0.00	32.67 -0.01 0.00	41.91 -0.04 0.00	57.44 -0.15 0.00	61.13 -0.46 0.00	41.91 -0.21 0.00	29.08 -0.13 0.00	28.43 -0.15 0.00	30.03 -0.26 0.00	27.74 -0.30 0.00	27.47 -0.26 0.00	27.88 -0.23 0.00	29.98 -0.16 0.00	30.86 -0.20 0.00	31.32 -0.17 0.00	33.45 -0.11 0.00	46.09 -0.17 0.00	48.36 -0.04 0.00	49.21 -0.16 0.00	48.15 -0.22 0.00	42.59 -0.20 0.00	39.10 -0.48 0.00
CHAT_HIGH_FALL_HYD 323578	35.00 0.04 0.00	35.03 -0.04 0.00	36.05 0.01 0.00	32.75 0.07 0.00	41.96 0.02 0.00	57.54 -0.05 0.00	61.26 -0.33 0.00	41.97 -0.15 0.00	29.07 -0.13 0.00	28.42 -0.15 0.00	30.03 -0.26 0.00	27.72 -0.32 0.00	27.46 -0.27 0.00	27.88 -0.23 0.00	29.97 -0.16 0.00	30.84 -0.21 0.00	31.32 -0.18 0.00	33.44 -0.11 0.00	46.12 -0.14 0.00	48.44 0.05 0.00	49.34 -0.04 0.00	48.25 -0.12 0.00	42.65 -0.13 0.00	39.11 -0.47 0.00
CHAUTAUQUA___LFGE 323629	34.72 -0.23 0.00	35.18 0.11 0.00	35.76 -0.28 0.00	32.32 -0.36 0.00	41.41 -0.53 0.00	56.78 -0.82 0.00	60.69 -0.91 0.00	40.35 -1.78 0.00	27.90 -1.30 0.00	27.36 -1.21 0.00	29.68 -0.61 0.00	27.20 -0.84 0.00	26.70 -1.03 0.00	27.25 -0.87 0.00	29.30 -0.83 0.00	30.31 -0.74 0.00	30.48 -1.01 0.00	32.15 -1.41 0.00	42.37 -2.47 1.42	45.95 -2.46 0.00	47.11 -2.27 0.00	45.08 -2.77 0.53	39.54 -2.23 1.02	37.86 -1.72 0.00
CHERRYST_13_KV_LD 356241	36.85 1.90 0.00	36.88 1.81 0.00	37.82 1.78 0.00	34.23 1.54 0.00	43.77 1.82 0.00	60.10 2.50 0.00	64.53 2.95 0.00	44.89 2.77 0.00	31.34 2.14 0.00	30.81 2.24 0.00	32.71 2.42 0.00	30.39 2.35 0.00	29.96 2.23 0.00	30.30 2.19 0.00	32.36 2.23 0.00	33.39 2.34 0.00	33.86 2.36 0.00	35.92 2.37 0.00	49.29 3.03 0.00	51.32 2.91 0.00	52.45 3.07 0.00	51.29 2.92 0.00	45.43 2.65 0.00	41.99 2.41 0.00

CHESTROR_138KV_BK263 355645	36.50 1.55 0.00	36.56 1.49 0.00	37.52 1.48 0.00	33.95 1.27 0.00	43.47 1.52 0.00	59.73 2.14 0.00	64.12 2.53 0.00	44.34 2.22 0.00	30.80 1.59 0.00	30.18 1.60 0.00	31.93 1.64 0.00	29.60 1.57 0.00	29.19 1.46 0.00	29.55 1.44 0.00	31.62 1.48 0.00	32.66 1.60 0.00	33.12 1.62 0.00	35.21 1.66 0.00	48.70 2.29 -0.15	50.65 2.26 0.00	51.85 2.47 0.00	50.78 2.36 -0.06	44.97 2.07 -0.11	41.46 1.88 0.00
CH_MIDHUDSON__DRP 24192	36.63 1.68 0.00	36.69 1.62 0.00	37.66 1.62 0.00	34.09 1.42 0.00	43.66 1.72 0.00	59.96 2.36 0.00	64.35 2.76 0.00	44.50 2.37 0.00	30.96 1.76 0.00	30.34 1.77 0.00	32.07 1.78 0.00	29.72 1.68 0.00	29.34 1.61 0.00	29.71 1.60 0.00	31.80 1.66 0.00	32.82 1.76 0.00	33.30 1.80 0.00	35.38 1.83 0.00	48.78 2.52 0.00	50.86 2.47 0.00	52.01 2.64 0.00	50.92 2.55 0.00	45.03 2.24 0.00	41.61 2.03 0.00
CH_MISC_IPPS 23765	36.85 1.90 0.00	36.91 1.84 0.00	37.87 1.83 0.00	34.29 1.61 0.00	43.89 1.95 0.00	60.34 2.75 0.00	64.79 3.20 0.00	44.83 2.71 0.00	31.14 1.94 0.00	30.49 1.92 0.00	32.23 1.94 0.00	29.87 1.83 0.00	29.47 1.74 0.00	29.85 1.73 0.00	31.96 1.82 0.00	33.01 1.96 0.00	33.51 2.01 0.00	35.62 2.07 0.00	49.13 2.87 0.00	51.25 2.85 0.00	52.47 3.09 0.00	51.32 2.96 0.00	45.36 2.58 0.00	41.90 2.32 0.00
CH_RES_BVR_FALLS 23983	34.85 -0.10 0.00	34.95 -0.12 0.00	35.93 -0.11 0.00	32.58 -0.10 0.00	41.84 -0.11 0.00	57.39 -0.20 0.00	61.29 -0.30 0.00	41.88 -0.24 0.00	28.97 -0.23 0.00	28.34 -0.23 0.00	30.02 -0.27 0.00	27.79 -0.25 0.00	27.49 -0.24 0.00	27.88 -0.23 0.00	29.89 -0.24 0.00	30.81 -0.24 0.00	31.26 -0.24 0.00	33.40 -0.15 0.00	46.13 -0.13 0.00	48.26 -0.14 0.00	49.18 -0.20 0.00	48.10 -0.27 0.00	42.56 -0.23 0.00	39.36 -0.22 0.00
CH_RES_NIAGARA 23895	32.79 -2.17 0.00	33.03 -2.04 0.00	33.75 -2.29 0.00	30.61 -2.06 0.00	39.45 -2.49 0.00	54.08 -3.51 0.00	57.86 -3.73 0.00	38.56 -3.56 0.00	26.88 -2.33 0.00	26.46 -2.12 0.00	28.81 -1.48 0.00	26.54 -1.50 0.00	26.16 -1.57 0.00	26.76 -1.36 0.00	28.78 -1.35 0.00	29.60 -1.46 0.00	29.76 -1.74 0.00	31.07 -2.49 0.00	40.97 -4.08 1.21	44.10 -4.30 0.00	45.21 -4.17 0.00	43.36 -4.57 0.45	38.13 -3.80 0.86	36.81 -2.78 0.00
CH_RES_SYRACUSE 23985	34.69 -0.26 0.00	34.82 -0.25 0.00	35.78 -0.26 0.00	32.43 -0.25 0.00	41.65 -0.30 0.00	57.33 -0.26 0.00	61.44 -0.15 0.00	41.84 -0.28 0.00	28.90 -0.31 0.00	28.28 -0.30 0.00	30.11 -0.18 0.00	27.87 -0.17 0.00	27.50 -0.24 0.00	27.81 -0.31 0.00	29.79 -0.34 0.00	30.75 -0.31 0.00	31.28 -0.21 0.00	33.34 -0.21 0.00	45.74 -0.32 0.20	48.02 -0.38 0.00	49.04 -0.34 0.00	47.93 -0.36 0.08	42.25 -0.39 0.15	39.20 -0.38 0.00
CLINTON_WT_PWR 323605	34.91 -0.04 0.00	34.96 -0.11 0.00	35.98 -0.06 0.00	32.67 -0.01 0.00	41.91 -0.04 0.00	57.44 -0.15 0.00	61.13 -0.46 0.00	41.91 -0.21 0.00	29.08 -0.13 0.00	28.43 -0.15 0.00	30.03 -0.26 0.00	27.74 -0.30 0.00	27.47 -0.26 0.00	27.88 -0.23 0.00	29.98 -0.16 0.00	30.86 -0.20 0.00	31.32 -0.17 0.00	33.45 -0.11 0.00	46.09 -0.17 0.00	48.36 -0.04 0.00	49.21 -0.16 0.00	48.15 -0.22 0.00	42.59 -0.20 0.00	39.10 -0.48 0.00
CLINTON__LFGE 323618	35.20 0.25 0.00	35.23 0.16 0.00	36.28 0.24 0.00	32.96 0.28 0.00	42.31 0.37 0.00	58.00 0.41 0.00	61.56 -0.03 0.00	42.23 0.10 0.00	29.25 0.05 0.00	28.60 0.03 0.00	30.18 -0.11 0.00	27.84 -0.20 0.00	27.55 -0.18 0.00	27.95 -0.17 0.00	30.08 -0.06 0.00	30.92 -0.14 0.00	31.40 -0.09 0.00	33.58 0.02 0.00	46.34 0.08 0.00	48.66 0.26 0.00	49.52 0.14 0.00	48.55 0.18 0.00	42.98 0.19 0.00	39.43 -0.15 0.00
COBBLENY_34_KV_TB1 80064	34.05 -0.90 0.00	34.37 -0.70 0.00	35.08 -0.96 0.00	31.81 -0.87 0.00	40.89 -1.05 0.00	56.11 -1.49 0.00	60.07 -1.52 0.00	40.03 -2.09 0.00	27.80 -1.40 0.00	27.31 -1.27 0.00	29.59 -0.70 0.00	27.14 -0.90 0.00	26.67 -1.05 0.00	27.26 -0.85 0.00	29.35 -0.79 0.00	30.27 -0.79 0.00	30.51 -0.99 0.00	32.04 -1.51 0.00	42.17 -2.66 1.42	45.71 -2.69 0.00	46.94 -2.43 0.00	44.83 -3.01 0.53	39.09 -2.68 1.02	37.57 -2.01 0.00
COFFEEN__115KV_TB3 355620	32.44 -2.51 0.00	32.97 -2.10 0.00	34.53 -1.52 0.00	31.72 -0.96 0.00	41.36 -0.58 0.00	57.06 -0.54 0.00	60.51 -1.08 0.00	39.86 -2.26 0.00	26.69 -2.52 0.00	26.21 -2.37 0.00	27.82 -2.47 0.00	25.74 -2.30 0.00	25.56 -2.17 0.00	25.88 -2.24 0.00	27.65 -2.48 0.00	28.69 -2.37 0.00	29.32 -2.18 0.00	31.97 -1.58 0.00	44.81 -1.45 0.00	47.35 -1.05 0.00	48.28 -1.10 0.00	46.25 -2.12 0.00	40.19 -2.60 0.00	37.29 -2.29 0.00
COLDSPRG_115KV_BK1 355956	35.46 0.50 0.00	35.91 0.84 0.00	36.54 0.50 0.00	33.03 0.35 0.00	42.35 0.41 0.00	58.09 0.50 0.00	62.14 0.55 0.00	41.45 -0.67 0.00	28.63 -0.57 0.00	28.08 -0.50 0.00	30.39 0.10 0.00	27.78 -0.27 0.00	27.22 -0.50 0.00	27.77 -0.34 0.00	29.88 -0.26 0.00	30.91 -0.15 0.00	31.04 -0.46 0.00	32.77 -0.78 0.00	43.13 -1.60 1.53	46.89 -1.51 0.00	48.17 -1.21 0.00	46.02 -1.79 0.57	40.18 -1.51 1.09	38.42 -1.16 0.00
COLONIE_LFGE__ 323577	36.11 1.15 0.00	36.23 1.16 0.00	37.19 1.15 0.00	33.72 1.05 0.00	43.27 1.33 0.00	59.24 1.65 0.00	63.29 1.70 0.00	43.35 1.22 0.00	30.24 1.03 0.00	29.54 0.96 0.00	31.15 0.86 0.00	28.79 0.76 0.00	28.50 0.77 0.00	28.89 0.77 0.00	31.04 0.90 0.00	31.86 0.81 0.00	32.31 0.81 0.00	34.39 0.84 0.00	47.60 1.34 0.00	49.60 1.20 0.00	50.64 1.26 0.00	49.82 1.45 0.00	44.09 1.30 0.00	40.82 1.24 0.00
COOPERNY_115KV_TB1 80082	36.44 1.48 0.00	36.50 1.43 0.00	37.48 1.44 0.00	33.94 1.27 0.00	43.47 1.53 0.00	59.72 2.13 0.00	64.04 2.45 0.00	44.05 1.93 0.00	30.57 1.36 0.00	29.93 1.35 0.00	31.66 1.37 0.00	29.33 1.29 0.00	28.94 1.21 0.00	29.31 1.20 0.00	31.38 1.25 0.00	32.40 1.35 0.00	32.87 1.37 0.00	34.98 1.43 0.00	48.49 2.00 -0.23	50.33 1.93 0.00	51.47 2.10 0.00	50.47 2.02 -0.09	44.73 1.78 -0.16	41.18 1.60 0.00
COPENHAGEN_WT_PWR 323753	31.94 -3.02 0.00	32.55 -2.52 0.00	34.18 -1.86 0.00	31.41 -1.26 0.00	41.03 -0.91 0.00	56.54 -1.05 0.00	59.79 -1.80 0.00	39.43 -2.70 0.00	26.56 -2.65 0.00	26.01 -2.57 0.00	27.68 -2.62 0.00	25.62 -2.42 0.00	25.51 -2.22 0.00	25.86 -2.25 0.00	27.63 -2.51 0.00	28.62 -2.44 0.00	29.23 -2.27 0.00	31.73 -1.82 0.00	44.39 -1.87 0.00	46.84 -1.56 0.00	47.66 -1.72 0.00	45.53 -2.84 0.00	39.48 -3.31 0.00	36.72 -2.86 0.00
CORNELL____ 23752	35.73 0.77 0.00	35.88 0.81 0.00	36.86 0.82 0.00	33.44 0.76 0.00	42.94 1.00 0.00	59.12 1.53 0.00	63.42 1.83 0.00	43.03 0.91 0.00	29.47 0.26 0.00	28.60 0.03 0.00	30.40 0.11 0.00	28.11 0.07 0.00	27.72 -0.01 0.00	28.01 -0.10 0.00	30.01 -0.13 0.00	30.99 -0.07 0.00	31.70 0.20 0.00	33.95 0.40 0.00	46.45 0.84 0.66	49.30 0.90 0.00	50.38 1.00 0.00	48.90 0.77 0.24	42.83 0.51 0.47	39.97 0.39 0.00

CORONA_69_KV_TB1 355595	36.77 1.81 0.00	36.94 1.87 0.00	37.94 1.89 0.00	34.31 1.63 0.00	43.63 1.69 0.00	58.97 1.99 0.61	63.98 2.50 0.11	43.70 2.44 0.86	30.79 1.85 0.26	30.70 2.13 0.00	32.98 2.58 -0.11	30.52 2.48 0.00	33.78 2.32 -3.73	30.42 2.31 0.00	32.45 2.32 0.00	33.45 2.39 0.00	33.78 2.28 0.00	35.69 2.14 0.00	49.00 2.73 0.00	50.89 2.61 0.12	52.22 2.84 0.00	51.17 2.80 0.00	45.20 2.41 0.00	41.96 2.38 0.00
CORTLAND_115KV_TB3 80093	35.40 0.44 0.00	35.54 0.47 0.00	36.53 0.49 0.00	33.14 0.46 0.00	42.55 0.61 0.00	58.55 0.96 0.00	62.76 1.17 0.00	42.69 0.57 0.00	29.39 0.18 0.00	28.63 0.06 0.00	30.45 0.16 0.00	28.21 0.17 0.00	27.81 0.08 0.00	28.14 0.03 0.00	30.15 0.01 0.00	31.09 0.03 0.00	31.71 0.21 0.00	33.91 0.35 0.00	46.87 0.60 0.00	49.01 0.61 0.00	50.05 0.67 0.00	48.93 0.56 0.00	43.14 0.35 0.00	39.86 0.28 0.00
COXSACKIE___GT 23611	36.98 2.02 0.00	37.21 2.14 0.00	38.31 2.27 0.00	34.72 2.04 0.00	44.53 2.59 0.00	61.11 3.51 0.00	65.62 4.03 0.00	44.88 2.76 0.00	30.74 1.53 0.00	29.73 1.15 0.00	31.32 1.03 0.00	29.04 1.00 0.00	28.73 1.00 0.00	29.20 1.08 0.00	31.25 1.11 0.00	32.14 1.08 0.00	32.69 1.20 0.00	35.02 1.46 0.00	48.66 2.39 0.00	50.94 2.54 0.00	52.17 2.79 0.00	51.10 2.73 0.00	45.06 2.27 0.00	41.59 2.01 0.00
CPV_VALLEY___CC1 323721	36.40 1.45 0.00	36.46 1.39 0.00	37.42 1.37 0.00	33.87 1.19 0.00	43.36 1.42 0.00	59.57 1.98 0.00	63.90 2.32 0.00	43.89 1.77 0.00	30.47 1.26 0.00	29.83 1.26 0.00	31.58 1.29 0.00	29.27 1.23 0.00	28.88 1.15 0.00	29.25 1.14 0.00	31.32 1.18 0.00	32.32 1.26 0.00	32.78 1.29 0.00	34.87 1.32 0.00	48.29 1.82 0.00	50.15 1.75 0.00	51.29 1.91 0.00	50.29 1.85 -0.08	44.56 1.62 -0.15	41.05 1.47 0.00
CPV_VALLEY___CC2 323722	36.40 1.45 0.00	36.46 1.39 0.00	37.42 1.37 0.00	33.87 1.19 0.00	43.36 1.42 0.00	59.57 1.98 0.00	63.90 2.32 0.00	43.89 1.77 0.00	30.47 1.26 0.00	29.83 1.26 0.00	31.58 1.29 0.00	29.27 1.23 0.00	28.88 1.15 0.00	29.25 1.14 0.00	31.32 1.18 0.00	32.32 1.26 0.00	32.78 1.29 0.00	34.87 1.32 0.00	48.29 1.82 -0.21	50.15 1.75 0.00	51.29 1.91 0.00	50.29 1.85 -0.08	44.56 1.62 -0.15	41.05 1.47 0.00
CRESCENT___HYD 24018	36.11 1.15 0.00	36.23 1.16 0.00	37.19 1.15 0.00	33.72 1.05 0.00	43.27 1.33 0.00	59.24 1.65 0.00	63.29 1.70 0.00	43.35 1.22 0.00	30.24 1.03 0.00	29.54 0.96 0.00	31.15 0.86 0.00	28.79 0.76 0.00	28.50 0.77 0.00	28.89 0.77 0.00	31.04 0.90 0.00	31.86 0.81 0.00	32.31 0.81 0.00	34.39 0.84 0.00	47.60 1.34 0.00	49.60 1.20 0.00	50.64 1.26 0.00	49.82 1.45 0.00	44.09 1.30 0.00	40.82 1.24 0.00
CRICKET___VALLEY_CC1 323756	36.25 1.29 0.00	36.28 1.21 0.00	37.24 1.20 0.00	33.73 1.05 0.00	43.18 1.24 0.00	59.29 1.70 0.00	63.60 2.01 0.00	43.98 1.86 0.00	30.67 1.46 0.00	30.10 1.52 0.00	31.72 1.44 0.00	29.43 1.39 0.00	29.07 1.34 0.00	29.42 1.30 0.00	31.48 1.34 0.00	32.45 1.40 0.00	32.90 1.40 0.00	34.95 1.40 0.00	48.20 1.94 0.00	50.30 1.90 0.00	51.35 1.98 0.00	50.31 1.94 0.00	44.50 1.71 0.00	41.15 1.57 0.00
CRICKET___VALLEY_CC2 323757	36.25 1.29 0.00	36.28 1.21 0.00	37.24 1.20 0.00	33.73 1.05 0.00	43.18 1.24 0.00	59.29 1.70 0.00	63.60 2.01 0.00	43.98 1.86 0.00	30.67 1.46 0.00	30.10 1.52 0.00	31.72 1.44 0.00	29.43 1.39 0.00	29.07 1.34 0.00	29.42 1.30 0.00	31.48 1.34 0.00	32.45 1.40 0.00	32.90 1.40 0.00	34.95 1.40 0.00	48.20 1.94 0.00	50.30 1.90 0.00	51.35 1.98 0.00	50.31 1.94 0.00	44.50 1.71 0.00	41.15 1.57 0.00
CRICKET___VALLEY_CC3 323758	36.25 1.29 0.00	36.28 1.21 0.00	37.24 1.20 0.00	33.73 1.05 0.00	43.18 1.24 0.00	59.29 1.70 0.00	63.60 2.01 0.00	43.98 1.86 0.00	30.67 1.46 0.00	30.10 1.52 0.00	31.72 1.44 0.00	29.43 1.39 0.00	29.07 1.34 0.00	29.42 1.30 0.00	31.48 1.34 0.00	32.45 1.40 0.00	32.90 1.40 0.00	34.95 1.40 0.00	48.20 1.94 0.00	50.30 1.90 0.00	51.35 1.98 0.00	50.31 1.94 0.00	44.50 1.71 0.00	41.15 1.57 0.00
CRUCIBLE_METL_DRP 24180	34.69 -0.26 0.00	34.82 -0.25 0.00	35.78 -0.26 0.00	32.43 -0.25 0.00	41.65 -0.30 0.00	57.31 -0.28 0.00	61.44 -0.15 0.00	41.84 -0.28 0.00	28.90 -0.31 0.00	28.28 -0.30 0.00	30.11 -0.18 0.00	27.87 -0.17 0.00	27.50 -0.23 0.00	27.81 -0.31 0.00	29.79 -0.34 0.00	30.75 -0.31 0.00	31.28 -0.22 0.00	33.34 -0.21 0.00	45.74 -0.31 0.20	48.02 -0.38 0.00	49.04 -0.34 0.00	47.93 -0.36 0.08	42.25 -0.39 0.15	39.20 -0.38 0.00
DAHOWA___HYDRO 323763	36.40 1.44 0.00	36.47 1.40 0.00	37.45 1.42 0.00	34.01 1.33 0.00	43.70 1.75 0.00	59.94 2.35 0.00	64.13 2.54 0.00	43.72 1.59 0.00	30.29 1.08 0.00	29.42 0.85 0.00	30.99 0.70 0.00	28.58 0.54 0.00	28.29 0.56 0.00	28.63 0.52 0.00	30.76 0.62 0.00	31.53 0.47 0.00	32.07 0.58 0.00	34.39 0.83 0.00	47.90 1.64 0.00	50.12 1.72 0.00	51.17 1.79 0.00	50.33 1.96 0.00	44.51 1.72 0.00	41.19 1.61 0.00
DANC___LFGE 323619	32.23 -2.73 0.00	32.73 -2.35 0.00	34.21 -1.83 0.00	31.35 -1.32 0.00	40.83 -1.12 0.00	56.18 -1.41 0.00	59.50 -2.08 0.00	39.48 -2.64 0.00	26.70 -2.51 0.00	26.15 -2.43 0.00	27.85 -2.44 0.00	25.81 -2.23 0.00	25.64 -2.09 0.00	25.98 -2.13 0.00	27.77 -2.37 0.00	28.70 -2.36 0.00	29.26 -2.23 0.00	31.69 -1.86 0.00	44.24 -2.02 0.00	46.61 -1.79 0.00	47.48 -1.89 0.00	45.65 -2.72 0.00	39.78 -3.01 0.00	36.94 -2.64 0.00
DANSKAMMER___1 23586	36.85 1.90 0.00	36.91 1.84 0.00	37.87 1.83 0.00	34.29 1.61 0.00	43.89 1.95 0.00	60.34 2.75 0.00	64.79 3.20 0.00	44.83 2.71 0.00	31.14 1.94 0.00	30.49 1.92 0.00	32.23 1.94 0.00	29.87 1.83 0.00	29.47 1.74 0.00	29.85 1.73 0.00	31.96 1.82 0.00	33.01 1.96 0.00	33.51 2.01 0.00	35.62 2.07 0.00	49.13 2.87 0.00	51.25 2.85 0.00	52.47 3.09 0.00	51.32 2.96 0.00	45.36 2.58 0.00	41.90 2.32 0.00
DANSKAMMER___2 23589	36.85 1.90 0.00	36.91 1.84 0.00	37.87 1.83 0.00	34.29 1.61 0.00	43.89 1.95 0.00	60.34 2.75 0.00	64.79 3.20 0.00	44.83 2.71 0.00	31.14 1.94 0.00	30.49 1.92 0.00	32.23 1.94 0.00	29.87 1.83 0.00	29.47 1.74 0.00	29.85 1.73 0.00	31.96 1.82 0.00	33.01 1.96 0.00	33.51 2.01 0.00	35.62 2.07 0.00	49.13 2.87 0.00	51.25 2.85 0.00	52.47 3.09 0.00	51.32 2.96 0.00	45.36 2.58 0.00	41.90 2.32 0.00
DANSKAMMER___3 23590	36.85 1.90 0.00	36.91 1.84 0.00	37.87 1.83 0.00	34.29 1.61 0.00	43.89 1.95 0.00	60.34 2.75 0.00	64.79 3.20 0.00	44.83 2.71 0.00	31.14 1.94 0.00	30.49 1.92 0.00	32.23 1.94 0.00	29.87 1.83 0.00	29.47 1.74 0.00	29.85 1.73 0.00	31.96 1.82 0.00	33.01 1.96 0.00	33.51 2.01 0.00	35.62 2.07 0.00	49.13 2.87 0.00	51.25 2.85 0.00	52.47 3.09 0.00	51.32 2.96 0.00	45.36 2.58 0.00	41.90 2.32 0.00

DANSKAMMER___4 23591	36.85 1.90 0.00	36.91 1.84 0.00	37.87 1.83 0.00	34.29 1.61 0.00	43.89 1.95 0.00	60.34 2.75 0.00	64.79 3.20 0.00	44.83 2.71 0.00	31.14 1.94 0.00	30.49 1.92 0.00	32.23 1.94 0.00	29.87 1.83 0.00	29.47 1.74 0.00	29.85 1.73 0.00	31.96 1.82 0.00	33.01 1.96 0.00	33.51 2.01 0.00	35.62 2.07 0.00	49.13 2.87 0.00	51.25 2.85 0.00	52.47 3.09 0.00	51.32 2.96 0.00	45.36 2.58 0.00	41.90 2.32 0.00
DANSKAMMER___DIESEL 23592	36.86 1.90 0.00	36.91 1.84 0.00	37.87 1.83 0.00	34.29 1.61 0.00	43.89 1.95 0.00	60.35 2.75 0.00	64.79 3.21 0.00	44.83 2.71 0.00	31.15 1.95 0.00	30.50 1.93 0.00	32.23 1.94 0.00	29.87 1.83 0.00	29.47 1.74 0.00	29.84 1.73 0.00	31.95 1.82 0.00	33.01 1.95 0.00	33.50 2.01 0.00	35.62 2.07 0.00	49.13 2.87 0.00	51.25 2.85 0.00	52.47 3.09 0.00	51.32 2.95 0.00	45.36 2.58 0.00	41.90 2.32 0.00
DARBY___SOLAR 323810	36.33 1.37 0.00	36.42 1.35 0.00	37.40 1.36 0.00	33.95 1.27 0.00	43.61 1.67 0.00	59.80 2.20 0.00	63.94 2.36 0.00	43.62 1.50 0.00	30.26 1.06 0.00	29.42 0.85 0.00	30.99 0.70 0.00	28.59 0.55 0.00	28.30 0.57 0.00	28.66 0.54 0.00	30.78 0.65 0.00	31.56 0.50 0.00	32.09 0.59 0.00	34.40 0.84 0.00	47.83 1.57 0.00	50.00 1.60 0.00	51.04 1.66 0.00	50.20 1.83 0.00	44.42 1.63 0.00	41.10 1.52 0.00
DASHVILLE___HYD 23610	36.53 1.58 0.00	36.56 1.49 0.00	37.53 1.49 0.00	33.98 1.30 0.00	43.51 1.57 0.00	59.78 2.19 0.00	64.16 2.57 0.00	44.42 2.30 0.00	30.88 1.68 0.00	30.26 1.68 0.00	31.96 1.67 0.00	29.62 1.57 0.00	29.23 1.50 0.00	29.62 1.51 0.00	31.71 1.58 0.00	32.74 1.68 0.00	33.17 1.68 0.00	35.28 1.72 0.00	48.69 2.43 0.00	50.77 2.37 0.00	51.96 2.58 0.00	50.84 2.48 0.00	44.96 2.17 0.00	41.53 1.95 0.00
DELAWARE___LFGE 323621	36.09 1.13 0.00	36.21 1.14 0.00	37.29 1.24 0.00	33.81 1.13 0.00	43.37 1.43 0.00	59.56 1.96 0.00	63.70 2.11 0.00	43.59 1.47 0.00	30.19 0.99 0.00	29.51 0.94 0.00	31.29 0.99 0.00	28.95 0.91 0.00	28.59 0.86 0.00	28.97 0.86 0.00	31.06 0.92 0.00	32.04 0.99 0.00	32.49 0.99 0.00	34.63 1.08 0.00	48.23 1.52 -0.44	49.80 1.40 0.00	50.87 1.49 0.00	49.98 1.45 -0.16	44.36 1.26 -0.32	40.67 1.09 0.00
DERFIELD_115KV_TB7 355931	35.09 0.14 0.00	35.22 0.15 0.00	36.22 0.18 0.00	32.84 0.16 0.00	42.14 0.19 0.00	57.85 0.26 0.00	61.86 0.27 0.00	42.30 0.18 0.00	29.30 0.10 0.00	28.66 0.09 0.00	30.36 0.07 0.00	28.10 0.06 0.00	27.80 0.07 0.00	28.19 0.07 0.00	30.20 0.07 0.00	31.13 0.07 0.00	31.58 0.09 0.00	33.67 0.12 0.00	46.48 0.22 0.00	48.58 0.18 0.00	49.57 0.19 0.00	48.57 0.20 0.00	42.96 0.17 0.00	39.74 0.16 0.00
DOGLEVILLE___HYD 23807	36.45 1.50 0.00	36.67 1.60 0.00	37.67 1.63 0.00	34.19 1.51 0.00	43.92 1.98 0.00	60.44 2.84 0.00	64.47 2.88 0.00	43.18 1.06 0.00	29.32 0.12 0.00	28.30 -0.28 0.00	29.77 -0.52 0.00	27.52 -0.52 0.00	27.20 -0.53 0.00	27.62 -0.50 0.00	29.53 -0.60 0.00	30.55 -0.50 0.00	31.34 -0.16 0.00	34.11 0.55 0.00	47.59 1.33 0.00	50.22 1.82 0.00	51.23 1.85 0.00	49.89 1.52 0.00	44.14 1.35 0.00	40.81 1.23 0.00
DUNKIRK___115KV_TB_200 55889	34.65 -0.30 0.00	35.10 0.04 0.00	35.71 -0.33 0.00	32.28 -0.39 0.00	41.38 -0.56 0.00	56.74 -0.85 0.00	60.68 -0.91 0.00	40.34 -1.78 0.00	27.94 -1.26 0.00	27.39 -1.19 0.00	29.72 -0.58 0.00	27.21 -0.83 0.00	26.71 -1.02 0.00	27.25 -0.86 0.00	29.31 -0.82 0.00	30.32 -0.74 0.00	30.50 -1.00 0.00	32.13 -1.42 0.00	42.39 -2.45 1.42	45.97 -2.43 0.00	47.13 -2.25 0.00	45.09 -2.75 0.53	39.51 -2.26 1.02	37.84 -1.74 0.00
DUNKIRK___1 23563	34.65 -0.30 0.00	35.10 0.04 0.00	35.71 -0.33 0.00	32.28 -0.39 0.00	41.38 -0.56 0.00	56.74 -0.85 0.00	60.68 -0.91 0.00	40.34 -1.78 0.00	27.94 -1.26 0.00	27.39 -1.19 0.00	29.72 -0.58 0.00	27.21 -0.83 0.00	26.71 -1.02 0.00	27.25 -0.86 0.00	29.31 -0.82 0.00	30.32 -0.74 0.00	30.50 -1.00 0.00	32.13 -1.42 0.00	42.39 -2.45 1.42	45.97 -2.43 0.00	47.13 -2.25 0.00	45.09 -2.75 0.53	39.51 -2.26 1.02	37.84 -1.74 0.00
DUNKIRK___2 23564	34.65 -0.30 0.00	35.10 0.04 0.00	35.71 -0.33 0.00	32.28 -0.39 0.00	41.38 -0.56 0.00	56.74 -0.85 0.00	60.68 -0.91 0.00	40.34 -1.78 0.00	27.94 -1.26 0.00	27.39 -1.19 0.00	29.72 -0.58 0.00	27.21 -0.83 0.00	26.71 -1.02 0.00	27.25 -0.86 0.00	29.31 -0.82 0.00	30.32 -0.74 0.00	30.50 -1.00 0.00	32.13 -1.42 0.00	42.39 -2.45 1.42	45.97 -2.43 0.00	47.13 -2.25 0.00	45.09 -2.75 0.53	39.51 -2.26 1.02	37.84 -1.74 0.00
DUNKIRK___3 23565	34.40 -0.55 0.00	34.83 -0.24 0.00	35.47 -0.57 0.00	32.10 -0.57 0.00	41.20 -0.74 0.00	56.50 -1.09 0.00	60.45 -1.14 0.00	40.23 -1.89 0.00	27.89 -1.32 0.00	27.35 -1.23 0.00	29.67 -0.62 0.00	27.18 -0.85 0.00	26.68 -1.05 0.00	27.22 -0.89 0.00	29.29 -0.85 0.00	30.26 -0.80 0.00	30.47 -1.03 0.00	32.07 -1.49 0.00	42.30 -2.55 1.41	45.87 -2.53 0.00	47.07 -2.31 0.00	45.00 -2.85 0.52	39.34 -2.44 1.01	37.72 -1.86 0.00
DUNKIRK___4 23566	34.40 -0.55 0.00	34.83 -0.24 0.00	35.47 -0.57 0.00	32.10 -0.57 0.00	41.20 -0.74 0.00	56.50 -1.09 0.00	60.45 -1.14 0.00	40.23 -1.89 0.00	27.89 -1.32 0.00	27.35 -1.23 0.00	29.67 -0.62 0.00	27.18 -0.85 0.00	26.68 -1.05 0.00	27.22 -0.89 0.00	29.29 -0.85 0.00	30.26 -0.80 0.00	30.47 -1.03 0.00	32.07 -1.49 0.00	42.30 -2.55 1.41	45.87 -2.53 0.00	47.07 -2.31 0.00	45.00 -2.85 0.52	39.34 -2.44 1.01	37.72 -1.86 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.68 1.72 0.00	36.72 1.65 0.00	37.66 1.62 0.00	34.08 1.40 0.00	43.59 1.64 0.00	59.84 2.25 0.00	64.25 2.66 0.00	44.60 2.48 0.00	31.09 1.89 0.00	30.55 1.97 0.00	32.40 2.11 0.00	30.08 2.04 0.00	29.66 1.93 0.00	30.02 1.90 0.00	32.07 1.94 0.00	33.09 2.04 0.00	33.55 2.05 0.00	35.60 2.05 0.00	48.94 2.68 0.00	50.99 2.59 0.00	52.15 2.78 0.00	51.02 2.65 0.00	45.16 2.37 0.00	41.75 2.17 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.68 1.73 0.00	36.73 1.66 0.00	37.68 1.64 0.00	34.11 1.43 0.00	43.68 1.73 0.00	60.03 2.43 0.00	64.47 2.88 0.00	44.67 2.55 0.00	31.02 1.81 0.00	30.37 1.79 0.00	32.10 1.81 0.00	29.75 1.71 0.00	29.34 1.61 0.00	29.71 1.60 0.00	31.80 1.66 0.00	32.86 1.80 0.00	33.32 1.82 0.00	35.44 1.89 0.00	48.90 2.64 0.00	51.05 2.66 0.00	52.25 2.87 0.00	51.11 2.74 0.00	45.18 2.40 0.00	41.75 2.17 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.75 1.79 0.00	36.83 1.76 0.00	37.77 1.72 0.00	34.21 1.54 0.00	43.71 1.77 0.00	60.02 2.42 0.00	64.37 2.78 0.00	44.81 2.69 0.00	31.25 2.04 -0.01	30.69 2.11 0.00	32.57 2.27 -0.01	30.26 2.22 -0.01	29.84 2.10 -0.01	30.20 2.08 -0.01	32.20 2.06 0.00	33.22 2.17 -0.01	33.70 2.20 0.00	35.75 2.19 0.00	49.07 2.81 0.00	51.13 2.73 0.00	52.31 2.93 0.00	51.16 2.79 0.00	45.39 2.60 0.00	41.92 2.34 0.00

E179THST_13_KV_LOAD 356214	36.89 1.94 0.00	36.97 1.91 0.00	37.90 1.86 0.00	34.33 1.66 0.00	43.86 1.92 0.00	60.25 2.65 0.00	64.63 3.04 0.00	45.00 2.88 0.00	31.39 2.18 -0.01	30.83 2.25 0.00	32.72 2.42 -0.01	30.40 2.36 -0.01	29.97 2.23 -0.01	30.32 2.20 -0.01	32.33 2.20 0.00	33.38 2.32 -0.01	33.85 2.35 0.00	35.92 2.36 0.00	49.30 3.04 0.00	51.37 2.97 0.00	52.56 3.18 0.00	51.40 3.03 0.00	45.57 2.78 0.00	42.10 2.52 0.00
EAST HAMPTON___GT 23717	36.25 1.30 0.00	36.38 1.31 0.00	37.44 1.40 0.00	33.85 1.17 0.00	43.01 1.07 0.00	46.51 1.24 12.33	70.18 2.73 -5.86	28.04 2.63 16.71	26.30 1.99 4.89	30.84 2.26 0.00	33.55 3.20 -0.05	31.11 3.08 0.00	34.46 3.00 -3.73	31.11 3.00 0.00	32.58 2.44 0.00	33.62 2.57 0.00	33.98 2.49 0.00	37.62 2.87 -1.20	49.84 3.57 0.00	48.91 3.05 2.54	52.50 3.12 0.00	51.71 3.34 0.00	45.22 2.44 0.01	41.81 2.23 0.00
EAST RIVER___6 23660	36.69 1.74 0.00	36.71 1.64 0.00	37.65 1.60 0.00	34.06 1.38 0.00	43.55 1.61 0.00	59.82 2.23 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.68 2.11 0.00	32.57 2.28 0.00	30.25 2.21 0.00	29.84 2.11 0.00	30.19 2.08 0.00	32.23 2.09 0.00	33.26 2.20 0.00	33.73 2.23 0.00	35.79 2.23 0.00	49.11 2.85 0.00	51.12 2.73 0.00	52.25 2.88 0.00	51.11 2.74 0.00	45.29 2.51 0.00	41.87 2.29 0.00
EAST RIVER___7 23524	36.69 1.74 0.00	36.71 1.64 0.00	37.65 1.60 0.00	34.06 1.38 0.00	43.55 1.61 0.00	59.82 2.23 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.68 2.11 0.00	32.57 2.28 0.00	30.25 2.21 0.00	29.84 2.11 0.00	30.19 2.08 0.00	32.23 2.09 0.00	33.26 2.20 0.00	33.73 2.23 0.00	35.79 2.23 0.00	49.11 2.85 0.00	51.12 2.73 0.00	52.25 2.88 0.00	51.11 2.74 0.00	45.29 2.51 0.00	41.87 2.29 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.62 1.67 0.00	36.67 1.60 0.00	37.61 1.57 0.00	34.04 1.36 0.00	43.54 1.60 0.00	59.80 2.21 0.00	64.21 2.61 0.00	44.54 2.42 0.00	31.03 1.82 0.00	30.46 1.89 0.00	32.29 2.00 0.00	29.97 1.94 0.00	29.56 1.83 0.00	29.91 1.79 0.00	31.97 1.83 0.00	32.98 1.93 0.00	33.45 1.95 0.00	35.51 1.95 0.00	48.83 2.57 0.00	50.89 2.49 0.00	52.05 2.68 0.00	50.92 2.55 0.00	45.07 2.28 0.00	41.67 2.09 0.00
EAST_HAMPTON___DIESEL 23722	36.16 1.21 0.00	36.27 1.20 0.00	37.33 1.29 0.00	33.75 1.07 0.00	42.90 0.96 0.00	46.36 1.10 12.33	70.10 2.64 -5.86	28.00 2.59 16.71	26.27 1.96 4.89	30.81 2.24 0.00	33.54 3.20 -0.05	31.11 3.08 0.00	34.46 3.00 -3.73	31.11 3.00 0.00	32.59 2.45 0.00	33.63 2.57 0.00	33.99 2.49 0.00	37.62 2.87 -1.20	49.84 3.57 0.00	48.91 3.05 2.54	52.50 3.12 0.00	51.70 3.33 0.00	45.21 2.42 0.01	41.80 2.22 0.00
EAST_POINT___SOLAR 323840	37.29 2.34 0.00	37.38 2.31 0.00	38.48 2.44 0.00	34.89 2.21 0.00	44.91 2.97 0.00	61.95 4.36 0.00	66.44 4.85 0.00	43.72 1.60 0.00	29.35 0.15 0.00	28.49 -0.09 0.00	30.10 -0.19 0.00	27.86 -0.17 0.00	27.62 -0.11 0.00	28.15 0.03 0.00	30.32 0.19 0.00	31.96 0.90 0.00	32.75 1.25 0.00	35.48 1.93 0.00	49.27 3.01 0.00	51.84 3.44 0.00	53.14 3.77 0.00	51.54 3.17 0.00	45.46 2.67 0.00	41.91 2.33 0.00
EAST_PULASKI___ESR 323781	34.12 -0.83 0.00	34.21 -0.86 0.00	35.17 -0.87 0.00	31.91 -0.77 0.00	40.94 -1.00 0.00	56.29 -1.30 0.00	60.50 -1.09 0.00	41.26 -0.87 0.00	28.51 -0.70 0.00	27.88 -0.70 0.00	29.72 -0.57 0.00	27.47 -0.57 0.00	27.09 -0.64 0.00	27.37 -0.74 0.00	29.32 -0.82 0.00	30.28 -0.77 0.00	30.77 -0.72 0.00	32.87 -0.68 0.00	45.24 -1.02 0.00	47.30 -1.10 0.00	48.29 -1.09 0.00	47.38 -0.98 0.00	41.80 -0.99 0.00	38.60 -0.98 0.00
EAST_RIVER___1 323558	36.76 1.81 0.00	36.80 1.73 0.00	37.73 1.69 0.00	34.14 1.46 0.00	43.65 1.71 0.00	59.94 2.34 0.00	64.36 2.76 0.00	44.75 2.63 0.00	31.24 2.04 0.00	30.71 2.13 0.00	32.60 2.31 0.00	30.28 2.24 0.00	29.86 2.13 0.00	30.21 2.09 0.00	32.25 2.11 0.00	33.27 2.21 0.00	33.75 2.25 0.00	35.80 2.24 0.00	49.15 2.88 0.00	51.17 2.77 0.00	52.31 2.93 0.00	51.15 2.78 0.00	45.32 2.53 0.00	41.88 2.30 0.00
EAST_RIVER___2 323559	36.69 1.74 0.00	36.71 1.64 0.00	37.65 1.60 0.00	34.06 1.38 0.00	43.55 1.61 0.00	59.82 2.23 0.00	64.25 2.66 0.00	44.69 2.57 0.00	31.20 2.00 0.00	30.68 2.11 0.00	32.57 2.28 0.00	30.25 2.21 0.00	29.84 2.11 0.00	30.19 2.08 0.00	32.23 2.09 0.00	33.26 2.20 0.00	33.73 2.23 0.00	35.79 2.23 0.00	49.11 2.85 0.00	51.12 2.73 0.00	52.25 2.88 0.00	51.11 2.74 0.00	45.29 2.51 0.00	41.87 2.29 0.00
EAST___DELAWARE_HYD 23607	36.41 1.46 0.00	36.45 1.38 0.00	37.42 1.38 0.00	33.90 1.22 0.00	43.44 1.49 0.00	59.76 2.17 0.00	64.18 2.59 0.00	44.28 2.16 0.00	30.65 1.45 0.00	29.78 1.20 0.00	30.71 0.42 0.00	28.40 0.36 0.00	28.03 0.30 0.00	28.41 0.29 0.00	30.42 0.28 0.00	31.50 0.44 0.00	32.03 0.54 0.00	34.32 0.76 0.00	48.73 2.29 -0.18	50.70 2.30 0.00	51.68 2.31 0.00	50.53 2.09 0.00	44.68 1.77 -0.07	41.11 1.53 0.00
EIGHT_POINT___WT_PWR 323820	35.07 0.11 0.00	35.53 0.46 0.00	36.34 0.29 0.00	32.95 0.27 0.00	42.31 0.37 0.00	58.02 0.42 0.00	61.74 0.15 0.00	40.54 -1.59 0.00	27.80 -1.40 0.00	27.42 -1.16 0.00	29.65 -0.64 0.00	27.11 -0.93 0.00	26.44 -1.29 0.00	26.79 -1.33 0.00	28.97 -1.17 0.00	30.04 -1.02 0.00	30.75 -0.75 0.00	32.68 -0.87 0.00	42.55 -1.73 1.98	46.01 -2.39 0.00	46.89 -2.49 0.00	44.38 -3.25 0.73	38.05 -3.33 1.42	36.86 -2.72 0.00
ELBRIDGE_115KV_TB2 80188	34.59 -0.36 0.00	34.72 -0.35 0.00	35.67 -0.38 0.00	32.33 -0.35 0.00	41.51 -0.43 0.00	57.13 -0.46 0.00	61.25 -0.34 0.00	41.71 -0.41 0.00	28.82 -0.38 0.00	28.18 -0.40 0.00	30.01 -0.28 0.00	27.75 -0.28 0.00	27.38 -0.35 0.00	27.70 -0.41 0.00	29.69 -0.45 0.00	30.64 -0.42 0.00	31.17 -0.33 0.00	33.21 -0.34 0.00	45.53 -0.48 0.24	47.84 -0.57 0.00	48.85 -0.53 0.00	47.75 -0.53 0.09	42.08 -0.54 0.17	39.07 -0.50 0.00
ELEC_TRO_TEK 24086	36.58 1.63 0.00	36.76 1.69 0.00	37.75 1.71 0.00	34.15 1.47 0.00	43.39 1.45 0.00	57.22 1.68 2.05	63.31 2.15 0.43	41.14 2.22 3.21	29.94 1.71 0.98	30.57 1.99 0.00	32.85 2.47 -0.09	30.41 2.37 0.00	33.67 2.21 -3.73	30.31 2.20 0.00	32.32 2.19 0.00	33.31 2.26 0.00	33.63 2.14 0.00	35.52 1.96 0.00	48.73 2.47 0.00	50.30 2.34 0.44	51.92 2.54 0.00	50.89 2.52 0.00	44.94 2.15 0.00	41.74 2.16 0.00
ELLENBURG_WT_PWR 323604	34.91 -0.04 0.00	34.96 -0.11 0.00	35.98 -0.06 0.00	32.67 -0.01 0.00	41.91 -0.04 0.00	57.44 -0.15 0.00	61.13 -0.46 0.00	41.91 -0.21 0.00	29.08 -0.13 0.00	28.43 -0.15 0.00	30.03 -0.26 0.00	27.74 -0.30 0.00	27.47 -0.26 0.00	27.88 -0.23 0.00	29.98 -0.16 0.00	30.86 -0.20 0.00	31.32 -0.17 0.00	33.45 -0.11 0.00	46.09 -0.17 0.00	48.36 -0.04 0.00	49.21 -0.16 0.00	48.15 -0.22 0.00	42.59 -0.20 0.00	39.10 -0.48 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.87 -1.09 0.00	34.16 -0.91 0.00	34.87 -1.17 0.00	31.62 -1.06 0.00	40.66 -1.29 0.00	55.76 -1.83 0.00	59.67 -1.92 0.00	39.76 -2.36 0.00	27.63 -1.57 0.00	27.17 -1.41 0.00	29.45 -0.84 0.00	27.05 -0.99 0.00	26.62 -1.11 0.00	27.21 -0.91 0.00	29.28 -0.86 0.00	30.19 -0.87 0.00	30.40 -1.10 0.00	31.92 -1.64 0.00	42.09 -2.84 1.32	45.48 -2.92 0.00	46.71 -2.67 0.00	44.65 -3.23 0.49	39.04 -2.81 0.94	37.52 -2.06 0.00
EMPIRE_CC_1 323656	36.12 1.17 0.00	36.27 1.20 0.00	37.25 1.21 0.00	33.75 1.08 0.00	43.28 1.34 0.00	59.20 1.61 0.00	63.22 1.63 0.00	43.37 1.25 0.00	30.31 1.11 0.00	29.67 1.09 0.00	31.31 1.02 0.00	28.96 0.92 0.00	28.66 0.93 0.00	29.07 0.95 0.00	31.22 1.08 0.00	32.07 1.02 0.00	32.49 0.99 0.00	34.46 0.91 0.00	47.60 1.34 0.00	49.53 1.13 0.00	50.56 1.18 0.00	49.77 1.41 0.00	44.07 1.28 0.00	40.81 1.23 0.00
EMPIRE_CC_2 323658	36.12 1.17 0.00	36.27 1.20 0.00	37.25 1.21 0.00	33.75 1.08 0.00	43.28 1.34 0.00	59.20 1.61 0.00	63.22 1.63 0.00	43.37 1.25 0.00	30.31 1.11 0.00	29.67 1.09 0.00	31.31 1.02 0.00	28.96 0.92 0.00	28.66 0.93 0.00	29.07 0.95 0.00	31.22 1.08 0.00	32.07 1.02 0.00	32.49 0.99 0.00	34.46 0.91 0.00	47.60 1.34 0.00	49.53 1.13 0.00	50.56 1.18 0.00	49.77 1.41 0.00	44.07 1.28 0.00	40.81 1.23 0.00
ENORWICH_115KV_TB1 80156	37.78 2.83 0.00	38.01 2.94 0.00	39.22 3.18 0.00	35.75 3.08 0.00	46.02 4.08 0.00	63.51 5.92 0.00	68.22 6.63 0.00	45.83 3.70 0.00	30.87 1.66 0.00	29.62 1.05 0.00	31.48 1.19 0.00	28.88 0.84 0.00	28.78 1.05 0.00	28.95 0.84 0.00	31.07 0.93 0.00	32.09 1.04 0.00	32.72 1.22 0.00	35.87 2.31 0.00	50.42 3.92 -0.24	52.35 3.94 0.00	53.24 3.87 0.00	51.29 2.84 0.00	45.21 2.24 -0.09	41.15 1.57 0.00
ERIE_ST__34_KV_TB1-2 80199	34.15 -0.81 0.00	34.45 -0.62 0.00	35.16 -0.88 0.00	31.89 -0.79 0.00	41.01 -0.93 0.00	56.27 -1.32 0.00	60.27 -1.32 0.00	40.20 -1.92 0.00	27.94 -1.27 0.00	27.43 -1.14 0.00	29.71 -0.58 0.00	27.23 -0.81 0.00	26.77 -0.96 0.00	27.33 -0.79 0.00	29.45 -0.69 0.00	30.39 -0.67 0.00	30.63 -0.87 0.00	32.17 -1.38 0.00	42.43 -2.45 1.38	45.92 -2.48 0.00	47.18 -2.20 0.00	45.05 -2.81 0.51	39.26 -2.54 0.98	37.71 -1.87 0.00
ERIE_WT_PWR 323693	34.04 -0.91 0.00	34.37 -0.70 0.00	35.08 -0.96 0.00	31.80 -0.87 0.00	40.89 -1.06 0.00	56.10 -1.50 0.00	60.01 -1.58 0.00	39.98 -2.14 0.00	27.76 -1.44 0.00	27.27 -1.30 0.00	29.56 -0.73 0.00	27.14 -0.90 0.00	26.70 -1.03 0.00	27.28 -0.83 0.00	29.34 -0.79 0.00	30.29 -0.76 0.00	30.52 -0.97 0.00	32.08 -1.48 0.00	42.25 -2.65 1.36	45.73 -2.67 0.00	46.98 -2.40 0.00	44.85 -3.01 0.50	39.15 -2.67 0.97	37.56 -2.02 0.00
ESPRGFLD_115KV_TB1 80157	36.40 1.45 0.00	36.52 1.44 0.00	37.62 1.58 0.00	34.14 1.46 0.00	43.86 1.92 0.00	60.38 2.79 0.00	64.78 3.19 0.00	44.07 1.95 0.00	30.31 1.10 0.00	29.60 1.02 0.00	31.44 1.15 0.00	29.05 1.01 0.00	28.75 1.02 0.00	29.17 1.06 0.00	31.31 1.18 0.00	32.39 1.33 0.00	32.87 1.37 0.00	35.10 1.54 0.00	48.74 2.24 -0.24	50.53 2.13 0.00	51.66 2.28 0.00	50.57 2.11 -0.09	44.76 1.80 -0.17	41.07 1.49 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.67 0.71 0.00	35.83 0.75 0.00	36.80 0.76 0.00	33.38 0.70 0.00	42.88 0.94 0.00	59.02 1.42 0.00	63.31 1.73 0.00	42.98 0.86 0.00	29.46 0.26 0.00	28.62 0.04 0.00	30.42 0.13 0.00	28.13 0.09 0.00	27.75 0.02 0.00	28.04 -0.07 0.00	30.04 -0.10 0.00	31.02 -0.04 0.00	31.71 0.21 0.00	33.95 0.39 0.00	46.59 0.80 0.48	49.25 0.85 0.00	50.32 0.94 0.00	48.92 0.73 0.18	42.94 0.49 0.34	39.94 0.37 0.00
ETNA_____115KV_TB2 80207	35.67 0.71 0.00	35.83 0.75 0.00	36.80 0.76 0.00	33.38 0.70 0.00	42.88 0.94 0.00	59.02 1.42 0.00	63.31 1.73 0.00	42.98 0.86 0.00	29.46 0.26 0.00	28.62 0.04 0.00	30.42 0.13 0.00	28.13 0.09 0.00	27.75 0.02 0.00	28.04 -0.07 0.00	30.04 -0.10 0.00	31.02 -0.04 0.00	31.71 0.21 0.00	33.95 0.39 0.00	46.59 0.80 0.48	49.25 0.85 0.00	50.32 0.94 0.00	48.92 0.73 0.18	42.94 0.49 0.34	39.94 0.37 0.00
EUCLID___115KV_TB2 356179	34.33 -0.62 0.00	34.45 -0.62 0.00	35.39 -0.65 0.00	32.07 -0.61 0.00	41.18 -0.76 0.00	56.66 -0.93 0.00	60.70 -0.89 0.00	41.40 -0.73 0.00	28.66 -0.54 0.00	28.06 -0.52 0.00	29.86 -0.42 0.00	27.64 -0.40 0.00	27.29 -0.44 0.00	27.63 -0.48 0.00	29.61 -0.52 0.00	30.53 -0.52 0.00	31.00 -0.50 0.00	33.01 -0.54 0.00	45.48 -0.79 0.00	47.50 -0.90 0.00	48.51 -0.87 0.00	47.54 -0.83 0.00	42.01 -0.78 0.00	38.86 -0.71 0.00
E_CANADA_CAP_HY 24051	36.42 1.47 0.00	36.52 1.44 0.00	37.60 1.56 0.00	34.09 1.41 0.00	43.83 1.89 0.00	60.33 2.74 0.00	64.70 3.11 0.00	43.76 1.64 0.00	29.94 0.74 0.00	29.22 0.65 0.00	31.01 0.72 0.00	28.63 0.59 0.00	28.40 0.67 0.00	28.87 0.76 0.00	31.01 0.88 0.00	32.12 1.07 0.00	32.65 1.15 0.00	34.87 1.31 0.00	48.43 1.99 -0.17	50.40 2.00 0.00	51.61 2.24 0.00	50.56 2.13 -0.06	44.83 1.92 -0.12	41.24 1.66 0.00
E_CANADA_MHWK_HY 24050	36.45 1.49 0.00	36.67 1.60 0.00	37.67 1.63 0.00	34.19 1.51 0.00	43.92 1.98 0.00	60.44 2.84 0.00	64.47 2.88 0.00	43.18 1.06 0.00	29.32 0.12 0.00	28.30 -0.28 0.00	29.77 -0.52 0.00	27.52 -0.52 0.00	27.20 -0.53 0.00	27.62 -0.50 0.00	29.54 -0.60 0.00	30.55 -0.50 0.00	31.34 -0.16 0.00	34.11 0.55 0.00	47.59 1.33 0.00	50.22 1.82 0.00	51.23 1.86 0.00	49.89 1.52 0.00	44.14 1.35 0.00	40.81 1.23 0.00
E_FISHKILL___LBMP 23776	36.40 1.45 0.00	36.46 1.39 0.00	37.43 1.39 0.00	33.88 1.20 0.00	43.37 1.43 0.00	59.54 1.95 0.00	63.87 2.28 0.00	44.21 2.08 0.00	30.78 1.58 0.00	30.21 1.63 0.00	31.95 1.66 0.00	29.64 1.60 0.00	29.25 1.52 0.00	29.61 1.49 0.00	31.67 1.54 0.00	32.67 1.61 0.00	33.12 1.62 0.00	35.18 1.62 0.00	48.44 2.18 0.00	50.51 2.11 0.00	51.64 2.26 0.00	50.56 2.19 0.00	44.75 1.96 0.00	41.36 1.78 0.00
FALCON___SEABRD_CC1 323796	35.09 0.13 0.00	35.11 0.05 0.00	36.16 0.12 0.00	32.87 0.20 0.00	42.20 0.26 0.00	57.79 0.20 0.00	61.17 -0.42 0.00	41.98 -0.14 0.00	29.22 0.02 0.00	28.57 -0.01 0.00	30.15 -0.14 0.00	27.82 -0.22 0.00	27.54 -0.19 0.00	27.96 -0.16 0.00	30.10 -0.04 0.00	30.94 -0.12 0.00	31.42 -0.08 0.00	33.58 0.02 0.00	46.15 -0.11 0.00	48.37 -0.03 0.00	49.20 -0.18 0.00	48.35 -0.02 0.00	42.82 0.04 0.00	39.34 -0.24 0.00
FALCON___SEABRD_CC2 323797	35.09 0.13 0.00	35.11 0.05 0.00	36.16 0.12 0.00	32.87 0.20 0.00	42.20 0.26 0.00	57.79 0.20 0.00	61.17 -0.42 0.00	41.98 -0.14 0.00	29.22 0.02 0.00	28.57 -0.01 0.00	30.15 -0.14 0.00	27.82 -0.22 0.00	27.54 -0.19 0.00	27.96 -0.16 0.00	30.10 -0.04 0.00	30.94 -0.12 0.00	31.42 -0.08 0.00	33.58 0.02 0.00	46.15 -0.11 0.00	48.37 -0.03 0.00	49.20 -0.18 0.00	48.35 -0.02 0.00	42.82 0.04 0.00	39.34 -0.24 0.00

FAR ROCKAWAY___4 23548	37.20 2.25 0.00	37.38 2.31 0.00	38.37 2.33 0.00	34.70 2.03 0.00	44.14 2.20 0.00	60.26 2.66 0.00	64.89 3.31 0.00	45.08 2.96 0.00	31.40 2.20 0.00	31.05 2.47 0.00	33.36 2.97 -0.10	30.86 2.82 0.00	34.12 2.66 -3.73	30.77 2.66 0.00	32.83 2.69 0.00	33.84 2.79 0.00	34.20 2.70 0.00	36.12 2.57 0.00	49.65 3.39 0.00	51.72 3.31 0.00	52.95 3.57 0.00	51.80 3.43 0.00	45.71 2.92 0.00	42.41 2.83 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.78 1.82 0.00	36.81 1.74 0.00	37.75 1.71 0.00	34.15 1.48 0.00	43.68 1.74 0.00	59.97 2.37 0.00	64.37 2.78 0.00	44.77 2.65 0.00	31.25 2.05 0.00	30.72 2.14 0.00	32.61 2.32 0.00	30.29 2.25 0.00	29.86 2.13 0.00	30.21 2.09 0.00	32.25 2.11 0.00	33.28 2.22 0.00	33.74 2.25 0.00	35.80 2.25 0.00	49.15 2.89 0.00	51.17 2.78 0.00	52.32 2.94 0.00	51.16 2.79 0.00	45.33 2.54 0.00	41.90 2.32 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.79 1.84 0.00	36.82 1.75 0.00	37.76 1.72 0.00	34.16 1.48 0.00	43.68 1.74 0.00	59.97 2.38 0.00	64.38 2.79 0.00	44.78 2.66 0.00	31.25 2.05 0.00	30.72 2.14 0.00	32.60 2.31 0.00	30.28 2.24 0.00	29.86 2.13 0.00	30.20 2.08 0.00	32.25 2.11 0.00	33.27 2.21 0.00	33.74 2.24 0.00	35.80 2.24 0.00	49.15 2.89 0.00	51.17 2.78 0.00	52.33 2.95 0.00	51.17 2.80 0.00	45.34 2.55 0.00	41.90 2.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.76 1.81 0.00	36.80 1.73 0.00	37.74 1.69 0.00	34.14 1.46 0.00	43.66 1.71 0.00	59.94 2.34 0.00	64.35 2.76 0.00	44.76 2.64 0.00	31.24 2.04 0.00	30.72 2.14 0.00	32.59 2.31 0.00	30.28 2.24 0.00	29.85 2.13 0.00	30.20 2.08 0.00	32.24 2.11 0.00	33.27 2.21 0.00	33.74 2.24 0.00	35.80 2.24 0.00	49.13 2.86 0.00	51.16 2.76 0.00	52.30 2.92 0.00	51.14 2.77 0.00	45.31 2.52 0.00	41.87 2.30 0.00
FARRAGUT___LBMP 323566	36.74 1.78 0.00	36.78 1.71 0.00	37.70 1.66 0.00	34.12 1.44 0.00	43.63 1.69 0.00	59.89 2.30 0.00	64.29 2.70 0.00	44.72 2.59 0.00	31.21 2.01 0.00	30.68 2.11 0.00	32.56 2.27 0.00	30.25 2.21 0.00	29.82 2.09 0.00	30.17 2.05 0.00	32.21 2.08 0.00	33.24 2.18 0.00	33.70 2.20 0.00	35.76 2.20 0.00	49.08 2.82 0.00	51.11 2.72 0.00	52.25 2.87 0.00	51.10 2.73 0.00	45.28 2.49 0.00	41.84 2.26 0.00
FENNER___WINDPWR 24204	35.47 0.52 0.00	35.65 0.58 0.00	36.67 0.63 0.00	33.31 0.63 0.00	42.84 0.90 0.00	58.98 1.38 0.00	63.15 1.56 0.00	42.84 0.72 0.00	29.37 0.16 0.00	28.62 0.04 0.00	30.45 0.16 0.00	28.20 0.16 0.00	27.83 0.10 0.00	28.14 0.02 0.00	30.17 0.04 0.00	31.13 0.07 0.00	31.78 0.28 0.00	34.07 0.52 0.00	47.20 0.94 0.00	49.40 1.00 0.00	50.30 0.92 0.00	49.17 0.80 0.00	43.25 0.46 0.00	39.94 0.36 0.00
FIBERTEK___ENERGY 23856	34.69 -0.26 0.00	34.82 -0.25 0.00	35.78 -0.26 0.00	32.43 -0.25 0.00	41.65 -0.30 0.00	57.31 -0.28 0.00	61.44 -0.15 0.00	41.84 -0.28 0.00	28.90 -0.31 0.00	28.28 -0.30 0.00	30.11 -0.18 0.00	27.87 -0.17 0.00	27.50 -0.23 0.00	27.81 -0.31 0.00	29.79 -0.34 0.00	30.75 -0.31 0.00	31.28 -0.22 0.00	33.34 -0.21 0.00	45.74 -0.31 0.20	48.02 -0.38 0.00	49.04 -0.34 0.00	47.93 -0.36 0.08	42.25 -0.39 0.15	39.20 -0.38 0.00
FITZPATRICK___ 23598	33.82 -1.13 0.00	33.94 -1.13 0.00	34.87 -1.17 0.00	31.60 -1.07 0.00	40.57 -1.37 0.00	55.80 -1.79 0.00	59.75 -1.84 0.00	40.77 -1.35 0.00	28.26 -0.95 0.00	27.67 -0.91 0.00	29.42 -0.87 0.00	27.23 -0.81 0.00	26.91 -0.82 0.00	27.27 -0.85 0.00	29.21 -0.92 0.00	30.11 -0.95 0.00	30.52 -0.98 0.00	32.51 -1.04 0.00	44.80 -1.46 0.00	46.81 -1.59 0.00	47.77 -1.61 0.00	46.85 -1.52 0.00	41.44 -1.35 0.00	38.34 -1.24 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.93 1.97 0.00	36.96 1.90 0.00	37.93 1.89 0.00	34.34 1.66 0.00	43.98 2.03 0.00	60.44 2.84 0.00	64.91 3.32 0.00	44.90 2.78 0.00	31.21 2.01 0.00	30.56 1.98 0.00	32.29 2.00 0.00	29.92 1.88 0.00	29.52 1.78 0.00	29.90 1.79 0.00	32.01 1.88 0.00	33.07 2.01 0.00	33.57 2.07 0.00	35.69 2.14 0.00	49.21 2.95 0.00	51.35 2.95 0.00	52.54 3.16 0.00	51.39 3.03 0.00	45.42 2.63 0.00	41.95 2.37 0.00
FORT ORANGE___ 23900	35.76 0.80 0.00	35.95 0.88 0.00	36.98 0.94 0.00	33.49 0.81 0.00	42.88 0.94 0.00	58.72 1.13 0.00	62.82 1.23 0.00	43.13 1.01 0.00	29.96 0.76 0.00	29.29 0.71 0.00	30.94 0.65 0.00	28.66 0.63 0.00	28.35 0.62 0.00	28.77 0.65 0.00	30.84 0.70 0.00	31.70 0.65 0.00	32.14 0.64 0.00	34.14 0.58 0.00	47.09 0.83 0.00	49.13 0.73 0.00	50.19 0.81 0.00	49.31 0.94 0.00	43.65 0.86 0.00	40.37 0.79 0.00
FORT_DRUM_COGEN 23780	32.28 -2.68 0.00	32.82 -2.25 0.00	34.37 -1.67 0.00	31.56 -1.12 0.00	41.16 -0.79 0.00	56.76 -0.84 0.00	60.15 -1.44 0.00	39.73 -2.39 0.00	26.71 -2.50 0.00	26.17 -2.41 0.00	27.81 -2.48 0.00	25.75 -2.29 0.00	25.59 -2.14 0.00	25.92 -2.19 0.00	27.71 -2.42 0.00	28.71 -2.35 0.00	29.34 -2.16 0.00	31.89 -1.66 0.00	44.64 -1.62 0.00	47.10 -1.30 0.00	47.97 -1.41 0.00	45.97 -2.40 0.00	39.93 -2.86 0.00	37.08 -2.49 0.00
FOX_HILLS___ESR 323835	36.91 1.95 0.00	37.05 1.98 0.00	37.98 1.94 0.00	34.39 1.71 0.00	43.95 2.01 0.00	60.14 2.55 0.00	64.43 2.84 0.00	45.04 2.92 0.00	31.44 2.23 -0.01	30.86 2.28 0.00	32.71 2.41 -0.01	30.40 2.35 -0.01	29.97 2.24 -0.01	30.33 2.21 -0.01	32.37 2.23 0.00	33.40 2.34 -0.01	33.90 2.40 0.00	35.96 2.40 0.00	49.26 3.00 0.00	51.25 2.85 0.00	52.46 3.08 0.00	51.33 2.96 0.00	45.67 2.88 0.00	42.19 2.61 0.00
FPL_FAR_ROCK_GT1 24212	37.20 2.25 0.00	37.38 2.31 0.00	38.37 2.33 0.00	34.71 2.03 0.00	44.13 2.19 0.00	60.21 2.62 0.00	64.89 3.30 0.00	45.05 2.93 0.00	31.39 2.18 0.00	31.04 2.47 0.00	33.35 2.97 -0.10	30.87 2.83 0.00	34.12 2.66 -3.73	30.77 2.66 0.00	32.83 2.69 0.00	33.84 2.78 0.00	34.20 2.71 0.00	36.12 2.57 0.00	49.65 3.39 0.00	51.72 3.31 0.00	52.95 3.57 0.00	51.80 3.44 0.00	45.71 2.92 0.00	42.42 2.84 0.00
FPL_FAR_ROCK_GT2 23815	37.20 2.25 0.00	37.38 2.31 0.00	38.37 2.33 0.00	34.71 2.03 0.00	44.13 2.19 0.00	60.21 2.62 0.00	64.89 3.30 0.00	45.05 2.93 0.00	31.39 2.18 0.00	31.04 2.47 0.00	33.35 2.97 -0.10	30.87 2.83 0.00	34.12 2.66 -3.73	30.77 2.66 0.00	32.83 2.69 0.00	33.84 2.78 0.00	34.20 2.71 0.00	36.12 2.57 0.00	49.65 3.39 0.00	51.72 3.31 0.00	52.95 3.57 0.00	51.80 3.44 0.00	45.71 2.92 0.00	42.42 2.84 0.00
FRANKLIN_FALL_HYD 24054	34.86 -0.09 0.00	34.91 -0.16 0.00	35.93 -0.11 0.00	32.66 -0.02 0.00	41.92 -0.03 0.00	57.51 -0.09 0.00	61.27 -0.31 0.00	42.05 -0.07 0.00	29.03 -0.17 0.00	28.36 -0.22 0.00	29.95 -0.34 0.00	27.58 -0.46 0.00	27.33 -0.40 0.00	27.72 -0.39 0.00	29.78 -0.36 0.00	30.65 -0.41 0.00	31.15 -0.35 0.00	33.34 -0.21 0.00	46.03 -0.23 0.00	48.38 -0.02 0.00	49.27 -0.11 0.00	48.10 -0.26 0.00	42.51 -0.27 0.00	39.00 -0.58 0.00

FREEPORT_EQUS_GT1 23764	36.71 1.76 0.00	36.90 1.83 0.00	37.90 1.86 0.00	34.26 1.58 0.00	43.52 1.57 0.00	52.82 1.74 6.51	62.36 2.33 1.55	32.97 2.31 11.46	27.52 1.78 3.46	30.67 2.10 0.00	32.96 2.60 -0.07	30.52 2.49 0.00	33.77 2.32 -3.73	30.40 2.29 0.00	32.42 2.28 0.00	33.40 2.34 0.00	33.75 2.25 0.00	35.63 2.08 0.00	48.90 2.65 0.00	49.48 2.56 1.47	52.18 2.80 0.00	51.15 2.78 0.00	45.15 2.37 0.00	41.98 2.40 0.00
FREEPORT___CT2 23818	36.71 1.76 0.00	36.90 1.83 0.00	37.90 1.86 0.00	34.26 1.58 0.00	43.52 1.57 0.00	52.82 1.74 6.51	62.36 2.33 1.55	32.97 2.31 11.46	27.52 1.78 3.46	30.67 2.10 0.00	32.96 2.60 -0.07	30.52 2.49 0.00	33.77 2.32 -3.73	30.40 2.29 0.00	32.42 2.28 0.00	33.40 2.34 0.00	33.75 2.25 0.00	35.63 2.08 0.00	48.90 2.65 0.00	49.48 2.56 1.47	52.18 2.80 0.00	51.15 2.78 0.00	45.15 2.37 0.00	41.98 2.40 0.00
FRESHKLS_33_KV_LOAD 356253	36.96 2.01 0.00	37.13 2.06 0.00	38.06 2.02 0.00	34.47 1.79 0.00	44.05 2.11 0.00	60.18 2.58 0.00	64.38 2.79 0.00	45.08 2.95 0.00	31.49 2.28 -0.01	30.88 2.30 0.00	32.72 2.42 -0.01	30.40 2.35 -0.01	29.96 2.23 -0.01	30.31 2.19 -0.01	32.34 2.20 0.00	33.39 2.33 -0.01	33.88 2.38 0.00	35.95 2.39 0.00	49.21 2.95 0.00	51.17 2.77 0.00	52.41 3.04 0.00	51.29 2.92 0.00	45.73 2.93 0.00	42.24 2.66 0.00
FULTON COGEN____ 23766	33.88 -1.08 0.00	33.99 -1.08 0.00	34.93 -1.11 0.00	31.67 -1.01 0.00	40.67 -1.27 0.00	55.96 -1.64 0.00	59.97 -1.62 0.00	40.89 -1.23 0.00	28.30 -0.90 0.00	27.70 -0.88 0.00	29.47 -0.82 0.00	27.26 -0.78 0.00	26.93 -0.80 0.00	27.25 -0.86 0.00	29.18 -0.96 0.00	30.11 -0.95 0.00	30.59 -0.91 0.00	32.61 -0.94 0.00	44.95 -1.32 0.00	46.96 -1.44 0.00	47.95 -1.43 0.00	47.00 -1.37 0.00	41.51 -1.28 0.00	38.38 -1.19 0.00
FULTON___LFGE 323630	36.82 1.86 0.00	36.91 1.84 0.00	37.98 1.94 0.00	34.43 1.75 0.00	44.27 2.33 0.00	60.96 3.36 0.00	65.37 3.78 0.00	43.88 1.76 0.00	29.70 0.50 0.00	28.75 0.17 0.00	30.39 0.10 0.00	28.11 0.07 0.00	27.86 0.13 0.00	28.36 0.25 0.00	30.40 0.26 0.00	31.46 0.40 0.00	32.21 0.71 0.00	34.95 1.40 0.00	48.58 2.32 0.00	51.01 2.61 0.00	52.25 2.87 0.00	51.03 2.66 0.00	45.08 2.29 0.00	41.60 2.02 0.00
G.F.CEMENT___DRP 24184	36.42 1.47 0.00	36.46 1.39 0.00	37.47 1.43 0.00	34.04 1.36 0.00	43.78 1.84 0.00	60.07 2.48 0.00	64.27 2.68 0.00	43.77 1.65 0.00	30.36 1.15 0.00	29.43 0.86 0.00	30.97 0.68 0.00	28.50 0.47 0.00	28.17 0.45 0.00	28.51 0.39 0.00	30.63 0.49 0.00	31.36 0.30 0.00	31.97 0.48 0.00	34.29 0.73 0.00	47.82 1.56 0.00	50.09 1.69 0.00	51.12 1.74 0.00	50.33 1.96 0.00	44.53 1.74 0.00	41.21 1.63 0.00
GARDENVILLE___LBMP 24039	33.98 -0.98 0.00	34.30 -0.78 0.00	35.00 -1.05 0.00	31.73 -0.95 0.00	40.78 -1.16 0.00	55.93 -1.66 0.00	59.86 -1.73 0.00	39.87 -2.26 0.00	27.69 -1.51 0.00	27.21 -1.37 0.00	29.49 -0.80 0.00	27.07 -0.96 0.00	26.63 -1.10 0.00	27.21 -0.91 0.00	29.29 -0.85 0.00	30.21 -0.85 0.00	30.44 -1.05 0.00	31.97 -1.58 0.00	42.14 -2.76 1.36	45.58 -2.82 0.00	46.81 -2.57 0.00	44.73 -3.14 0.50	39.07 -2.75 0.97	37.52 -2.06 0.00
GARDNVLA_35_KV_LD 355827	34.09 -0.86 0.00	34.40 -0.67 0.00	35.11 -0.93 0.00	31.84 -0.84 0.00	40.91 -1.03 0.00	56.12 -1.47 0.00	60.06 -1.53 0.00	40.02 -2.11 0.00	27.82 -1.38 0.00	27.34 -1.24 0.00	29.62 -0.67 0.00	27.19 -0.84 0.00	26.75 -0.98 0.00	27.33 -0.78 0.00	29.42 -0.72 0.00	30.35 -0.70 0.00	30.58 -0.92 0.00	32.12 -1.43 0.00	42.34 -2.56 1.36	45.78 -2.62 0.00	47.02 -2.36 0.00	44.92 -2.95 0.50	39.22 -2.60 0.97	37.64 -1.94 0.00
GELCKHM___115KV_LOAD 80723	34.47 -0.49 0.00	34.59 -0.48 0.00	35.53 -0.51 0.00	32.20 -0.48 0.00	41.36 -0.58 0.00	56.90 -0.69 0.00	60.98 -0.60 0.00	41.56 -0.57 0.00	28.75 -0.45 0.00	28.14 -0.44 0.00	29.96 -0.33 0.00	27.72 -0.32 0.00	27.37 -0.36 0.00	27.70 -0.41 0.00	29.68 -0.46 0.00	30.62 -0.43 0.00	31.11 -0.39 0.00	33.14 -0.41 0.00	45.49 -0.61 0.17	47.70 -0.70 0.00	48.70 -0.67 0.00	47.65 -0.65 0.06	42.04 -0.63 0.12	38.99 -0.58 0.00
GENERAL___MILLS 23808	34.04 -0.92 0.00	34.35 -0.72 0.00	35.05 -0.99 0.00	31.78 -0.90 0.00	40.86 -1.08 0.00	56.05 -1.55 0.00	59.99 -1.60 0.00	39.95 -2.17 0.00	27.76 -1.44 0.00	27.28 -1.30 0.00	29.56 -0.73 0.00	27.13 -0.90 0.00	26.70 -1.03 0.00	27.28 -0.84 0.00	29.36 -0.78 0.00	30.29 -0.78 0.00	30.51 -0.98 0.00	32.05 -1.50 0.00	42.26 -2.64 1.36	45.70 -2.70 0.00	46.92 -2.45 0.00	44.82 -3.04 0.50	39.14 -2.68 0.97	37.59 -1.98 0.00
GE_PLASTICS___DRP 24183	35.48 0.53 0.00	35.80 0.73 0.00	36.87 0.83 0.00	33.39 0.72 0.00	42.78 0.84 0.00	58.58 0.98 0.00	62.61 1.02 0.00	43.02 0.90 0.00	29.95 0.74 0.00	29.31 0.73 0.00	30.98 0.69 0.00	28.71 0.67 0.00	28.39 0.67 0.00	28.80 0.68 0.00	30.87 0.73 0.00	31.76 0.70 0.00	32.13 0.63 0.00	34.00 0.45 0.00	46.75 0.48 0.00	48.72 0.32 0.00	49.76 0.38 0.00	48.88 0.51 0.00	43.27 0.48 0.00	40.03 0.45 0.00
GILBOA___1 23756	35.87 0.91 0.00	35.99 0.92 0.00	37.09 1.05 0.00	33.60 0.92 0.00	43.06 1.12 0.00	58.87 1.27 0.00	62.77 1.18 0.00	43.22 1.10 0.00	30.11 0.90 0.00	29.47 0.89 0.00	31.19 0.91 0.00	28.89 0.85 0.00	28.64 0.91 0.00	29.02 0.91 0.00	31.10 0.96 0.00	32.04 0.98 0.00	32.38 0.89 0.00	34.43 0.88 0.00	47.56 1.14 -0.16	49.31 0.91 0.00	50.38 1.00 0.00	49.61 1.18 -0.06	44.00 1.10 -0.12	40.58 1.00 0.00
GILBOA___2 23757	35.87 0.91 0.00	35.99 0.92 0.00	37.09 1.05 0.00	33.60 0.92 0.00	43.06 1.12 0.00	58.87 1.27 0.00	62.77 1.18 0.00	43.22 1.10 0.00	30.11 0.90 0.00	29.47 0.89 0.00	31.19 0.91 0.00	28.89 0.85 0.00	28.64 0.91 0.00	29.02 0.91 0.00	31.10 0.96 0.00	32.04 0.98 0.00	32.38 0.89 0.00	34.43 0.88 0.00	47.56 1.14 -0.16	49.31 0.91 0.00	50.38 1.00 0.00	49.61 1.18 -0.06	44.00 1.10 -0.12	40.58 1.00 0.00
GILBOA___3 23758	35.87 0.91 0.00	35.99 0.92 0.00	37.09 1.05 0.00	33.60 0.92 0.00	43.06 1.12 0.00	58.87 1.27 0.00	62.77 1.18 0.00	43.22 1.10 0.00	30.11 0.90 0.00	29.47 0.89 0.00	31.19 0.91 0.00	28.89 0.85 0.00	28.64 0.91 0.00	29.02 0.91 0.00	31.10 0.96 0.00	32.04 0.98 0.00	32.38 0.89 0.00	34.43 0.88 0.00	47.56 1.14 -0.16	49.31 0.91 0.00	50.38 1.00 0.00	49.61 1.18 -0.06	44.00 1.10 -0.12	40.58 1.00 0.00
GILBOA___4 23759	35.87 0.91 0.00	35.99 0.92 0.00	37.09 1.05 0.00	33.60 0.92 0.00	43.06 1.12 0.00	58.87 1.27 0.00	62.77 1.18 0.00	43.22 1.10 0.00	30.11 0.90 0.00	29.47 0.89 0.00	31.19 0.91 0.00	28.89 0.85 0.00	28.64 0.91 0.00	29.02 0.91 0.00	31.10 0.96 0.00	32.04 0.98 0.00	32.38 0.89 0.00	34.43 0.88 0.00	47.56 1.14 -0.16	49.31 0.91 0.00	50.38 1.00 0.00	49.61 1.18 -0.06	44.00 1.10 -0.12	40.58 1.00 0.00

GILBOA____ 23599	35.87 0.91 0.00	35.99 0.92 0.00	37.09 1.05 0.00	33.60 0.92 0.00	43.06 1.12 0.00	58.88 1.29 0.00	62.77 1.18 0.00	43.22 1.10 0.00	30.11 0.91 0.00	29.47 0.89 0.00	31.19 0.90 0.00	28.89 0.85 0.00	28.64 0.91 0.00	29.02 0.91 0.00	31.10 0.96 0.00	32.04 0.98 0.00	32.38 0.88 0.00	34.44 0.88 0.00	47.56 1.14 -0.16	49.31 0.91 0.00	50.38 1.00 0.00	49.61 1.18 -0.06	44.00 1.09 -0.12	40.58 1.00 0.00
GINNA____ 23603	34.94 -0.02 0.00	35.10 0.03 0.00	35.96 -0.09 0.00	32.60 -0.08 0.00	41.94 0.00 0.00	58.03 0.44 0.00	62.29 0.70 0.00	42.14 0.02 0.00	29.14 -0.06 0.00	28.61 0.03 0.00	30.51 0.22 0.00	28.10 0.06 0.00	27.70 -0.03 0.00	28.14 0.03 0.00	30.26 0.12 0.00	31.29 0.23 0.00	31.77 0.27 0.00	33.72 0.17 0.00	45.61 -0.01 0.64	48.39 -0.01 0.00	49.51 0.13 0.00	47.98 -0.16 0.24	42.09 -0.24 0.46	39.52 -0.06 0.00
GLEN PARK____ 23778	32.34 -2.61 0.00	32.88 -2.19 0.00	34.43 -1.61 0.00	31.63 -1.05 0.00	41.25 -0.69 0.00	56.92 -0.67 0.00	60.34 -1.25 0.00	39.77 -2.35 0.00	26.65 -2.55 0.00	26.16 -2.42 0.00	27.77 -2.52 0.00	25.70 -2.34 0.00	25.52 -2.21 0.00	25.85 -2.27 0.00	27.62 -2.52 0.00	28.65 -2.41 0.00	29.26 -2.23 0.00	31.91 -1.65 0.00	44.70 -1.57 0.00	47.22 -1.18 0.00	48.14 -1.23 0.00	46.11 -2.26 0.00	40.06 -2.73 0.00	37.18 -2.40 0.00
GLENDALE_27_KV_LOAD 356172	36.96 2.01 0.00	37.01 1.94 0.00	37.94 1.90 0.00	34.34 1.66 0.00	43.88 1.94 0.00	60.22 2.63 0.00	64.61 3.03 0.00	45.05 2.92 0.00	31.46 2.25 -0.01	30.94 2.36 0.00	32.85 2.56 -0.01	30.52 2.48 -0.01	30.09 2.35 -0.01	30.45 2.33 -0.01	32.49 2.36 0.00	33.53 2.47 -0.01	33.99 2.49 0.00	36.05 2.50 0.00	49.46 3.19 0.00	51.46 3.07 0.00	52.60 3.22 0.00	51.43 3.06 0.00	45.62 2.83 0.00	42.14 2.56 0.00
GLENWOOD_IC_1_G5 23712	36.79 1.83 0.00	36.91 1.84 0.00	37.89 1.85 0.00	34.27 1.59 0.00	43.67 1.73 0.00	55.96 2.19 3.82	63.46 2.67 0.80	38.70 2.53 5.96	29.32 1.93 1.81	30.71 2.13 0.00	32.86 2.48 -0.09	30.42 2.38 0.00	33.70 2.24 -3.73	30.34 2.22 0.00	32.38 2.25 0.00	33.38 2.32 0.00	33.76 2.26 0.00	35.72 2.17 0.00	49.05 2.79 0.00	50.28 2.69 0.81	52.28 2.91 0.00	51.19 2.82 0.00	45.23 2.45 0.00	41.93 2.35 0.00
GLENWOOD_IC_2_G1 23688	36.67 1.71 0.00	36.77 1.70 0.00	37.73 1.69 0.00	34.13 1.45 0.00	43.56 1.61 0.00	59.64 2.04 0.00	64.11 2.52 0.00	44.52 2.40 0.00	31.04 1.84 0.00	30.58 2.00 0.00	32.57 2.28 0.00	30.23 2.19 0.00	33.52 2.06 -3.73	30.15 2.04 0.00	32.20 2.06 0.00	33.20 2.14 0.00	33.60 2.11 0.00	35.59 2.04 0.00	48.90 2.64 0.00	50.93 2.53 0.00	52.09 2.71 0.00	51.00 2.63 0.00	45.10 2.31 0.00	41.77 2.20 0.00
GLENWOOD_IC_3_G1 23689	36.67 1.71 0.00	36.77 1.70 0.00	37.73 1.69 0.00	34.13 1.45 0.00	43.56 1.61 0.00	59.64 2.04 0.00	64.11 2.52 0.00	44.52 2.40 0.00	31.04 1.84 0.00	30.58 2.00 0.00	32.57 2.28 0.00	30.23 2.19 0.00	33.52 2.06 -3.73	30.15 2.04 0.00	32.20 2.06 0.00	33.20 2.14 0.00	33.60 2.11 0.00	35.59 2.04 0.00	48.90 2.64 0.00	50.93 2.53 0.00	52.09 2.71 0.00	51.00 2.63 0.00	45.10 2.31 0.00	41.77 2.20 0.00
GLENWOOD___4 23550	36.79 1.83 0.00	36.91 1.84 0.00	37.89 1.85 0.00	34.27 1.59 0.00	43.67 1.73 0.00	55.96 2.19 3.82	63.46 2.67 0.80	38.70 2.53 5.96	29.32 1.93 1.81	30.71 2.13 0.00	32.86 2.48 -0.09	30.42 2.38 0.00	33.70 2.24 -3.73	30.34 2.22 0.00	32.38 2.25 0.00	33.38 2.32 0.00	33.76 2.26 0.00	35.72 2.17 0.00	49.05 2.79 0.00	50.28 2.69 0.81	52.28 2.91 0.00	51.19 2.82 0.00	45.23 2.45 0.00	41.93 2.35 0.00
GLENWOOD___5 23614	36.79 1.83 0.00	36.91 1.84 0.00	37.89 1.85 0.00	34.27 1.59 0.00	43.67 1.73 0.00	55.96 2.19 3.82	63.46 2.67 0.80	38.70 2.53 5.96	29.32 1.93 1.81	30.71 2.13 0.00	32.86 2.48 -0.09	30.42 2.38 0.00	33.70 2.24 -3.73	30.34 2.22 0.00	32.38 2.25 0.00	33.38 2.32 0.00	33.76 2.26 0.00	35.72 2.17 0.00	49.05 2.79 0.00	50.28 2.69 0.81	52.28 2.91 0.00	51.19 2.82 0.00	45.23 2.45 0.00	41.93 2.35 0.00
GLOBAL GREEN_PORT_GT1 23814	36.53 1.57 0.00	36.67 1.60 0.00	37.74 1.69 0.00	34.13 1.45 0.00	43.34 1.40 0.00	46.89 1.62 12.33	70.35 2.91 -5.86	28.13 2.71 16.71	26.34 2.03 4.89	30.89 2.32 0.00	33.53 3.18 -0.05	31.07 3.03 0.00	34.39 2.94 -3.73	31.00 2.89 0.00	32.21 2.08 0.00	33.22 2.17 0.00	33.62 2.12 0.00	37.55 2.80 -1.20	49.75 3.48 0.00	48.85 2.99 2.54	52.48 3.10 0.00	51.71 3.35 0.00	45.27 2.48 0.01	41.89 2.31 0.00
GLOBE___DSASP 323697	32.70 -2.25 0.00	32.94 -2.13 0.00	33.65 -2.39 0.00	30.54 -2.14 0.00	39.37 -2.58 0.00	53.94 -3.66 0.00	57.73 -3.86 0.00	38.48 -3.64 0.00	26.80 -2.40 0.00	26.39 -2.18 0.00	28.75 -1.54 0.00	26.49 -1.55 0.00	26.11 -1.62 0.00	26.71 -1.41 0.00	28.73 -1.41 0.00	29.54 -1.52 0.00	29.70 -1.79 0.00	30.99 -2.57 0.00	40.88 -4.17 1.21	43.98 -4.42 0.00	45.11 -4.27 0.00	43.26 -4.67 0.45	38.04 -3.88 0.86	36.73 -2.85 0.00
GOETHSLN___LBMP 323567	36.67 1.72 0.00	36.68 1.61 0.00	37.60 1.56 0.00	34.01 1.34 0.00	43.49 1.54 0.00	59.70 2.11 0.00	64.06 2.47 0.00	44.59 2.47 0.00	31.11 1.91 0.00	30.58 2.00 0.00	32.44 2.15 0.00	30.12 2.09 0.00	29.72 1.99 0.00	30.05 1.94 0.00	32.09 1.96 0.00	33.12 2.06 0.00	33.60 2.10 0.00	35.65 2.10 0.00	48.94 2.68 0.00	50.96 2.57 0.00	52.11 2.74 0.00	50.97 2.60 0.00	45.18 2.39 0.00	41.75 2.17 0.00
GOLAH___69_KV_TB 1_2 80279	34.97 0.02 0.00	35.16 0.09 0.00	35.99 -0.05 0.00	32.62 -0.05 0.00	42.01 0.07 0.00	58.13 0.54 0.00	62.44 0.85 0.00	42.13 0.01 0.00	29.09 -0.11 0.00	28.50 -0.08 0.00	30.46 0.17 0.00	27.91 -0.12 0.00	27.50 -0.23 0.00	27.98 -0.13 0.00	30.09 -0.05 0.00	31.17 0.12 0.00	31.65 0.15 0.00	33.64 0.08 0.00	45.29 -0.24 0.73	48.22 -0.18 0.00	49.41 0.03 0.00	47.73 -0.37 0.27	41.86 -0.40 0.52	39.46 -0.12 0.00
GOODYEAR_LAKE_HYD 323669	36.39 1.43 0.00	36.52 1.44 0.00	37.60 1.56 0.00	34.11 1.43 0.00	43.79 1.85 0.00	60.23 2.64 0.00	64.51 2.92 0.00	44.03 1.91 0.00	30.39 1.18 0.00	29.67 1.10 0.00	31.48 1.19 0.00	29.12 1.08 0.00	28.77 1.04 0.00	29.15 1.04 0.00	31.28 1.14 0.00	32.30 1.25 0.00	32.77 1.27 0.00	34.99 1.44 0.00	48.72 2.08 -0.37	50.37 1.97 0.00	51.45 2.08 0.00	50.46 1.95 0.00	44.71 1.65 -0.14	40.97 1.39 -0.27
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.44 0.49 0.00	35.63 0.56 0.00	36.60 0.56 0.00	33.18 0.50 0.00	42.58 0.64 0.00	58.51 0.92 0.00	62.68 1.10 0.00	42.67 0.55 0.00	29.50 0.30 0.00	28.81 0.23 0.00	30.67 0.38 0.00	28.34 0.30 0.00	27.96 0.23 0.00	28.30 0.19 0.00	30.36 0.22 0.00	31.33 0.27 0.00	31.80 0.31 0.00	33.90 0.34 0.00	48.20 0.46 -1.48	48.82 0.42 0.00	49.91 0.53 0.00	49.32 0.40 -0.55	44.09 0.24 -1.06	39.79 0.21 0.00





GOWANUS_GT4_5 24134	36.95 2.00 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.69 0.00	43.91 1.97 0.00	60.20 2.60 0.00	64.55 2.96 0.00	45.07 2.95 0.00	31.45 2.24 -0.01	30.90 2.32 0.00	32.76 2.47 -0.01	30.46 2.41 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.00 2.45 0.00	49.35 3.09 0.00	51.39 2.99 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
GOWANUS_GT4_6 24135	36.95 2.00 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.69 0.00	43.91 1.97 0.00	60.20 2.60 0.00	64.55 2.96 0.00	45.07 2.95 0.00	31.45 2.24 -0.01	30.90 2.32 0.00	32.76 2.47 -0.01	30.46 2.41 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.00 2.45 0.00	49.35 3.09 0.00	51.39 2.99 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
GOWANUS_GT4_7 24136	36.95 2.00 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.69 0.00	43.91 1.97 0.00	60.20 2.60 0.00	64.55 2.96 0.00	45.07 2.95 0.00	31.45 2.24 -0.01	30.90 2.32 0.00	32.76 2.47 -0.01	30.46 2.41 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.00 2.45 0.00	49.35 3.09 0.00	51.39 2.99 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
GOWANUS_GT4_8 24137	36.95 2.00 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.69 0.00	43.91 1.97 0.00	60.20 2.60 0.00	64.55 2.96 0.00	45.07 2.95 0.00	31.45 2.24 -0.01	30.90 2.32 0.00	32.76 2.47 -0.01	30.46 2.41 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.00 2.45 0.00	49.35 3.09 0.00	51.39 2.99 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
GREATVR_69_KV_BK1 356245	36.86 1.91 0.00	37.08 2.01 0.00	38.12 2.07 0.00	34.47 1.79 0.00	43.65 1.71 0.00	47.65 1.90 11.84	68.13 2.47 -4.07	28.23 2.49 16.38	26.25 1.89 4.84	30.74 2.16 0.00	33.16 2.81 -0.06	30.71 2.67 0.00	33.92 2.47 -3.73	30.56 2.45 0.00	32.55 2.42 0.00	33.55 2.49 0.00	33.84 2.34 0.00	36.72 2.24 -0.93	49.10 2.83 0.00	48.59 2.63 2.44	52.23 2.86 0.00	51.30 2.93 0.00	45.15 2.37 0.01	41.98 2.41 0.00
GREENBSH_115KV_TB3 55895	35.56 0.61 0.00	35.76 0.69 0.00	36.77 0.73 0.00	33.29 0.62 0.00	42.63 0.69 0.00	58.34 0.74 0.00	62.37 0.78 0.00	42.88 0.75 0.00	29.87 0.67 0.00	29.24 0.67 0.00	30.89 0.60 0.00	28.61 0.57 0.00	28.31 0.59 0.00	28.72 0.60 0.00	30.79 0.66 0.00	31.65 0.59 0.00	32.07 0.57 0.00	34.05 0.49 0.00	46.86 0.60 0.00	48.82 0.42 0.00	49.86 0.49 0.00	49.01 0.64 0.00	43.39 0.60 0.00	40.15 0.57 0.00
GREENDGE_115KV_TB5 80291	35.08 0.12 0.00	35.41 0.34 0.00	36.25 0.21 0.00	32.88 0.20 0.00	42.23 0.29 0.00	58.08 0.48 0.00	62.33 0.74 0.00	41.87 -0.25 0.00	28.69 -0.51 0.00	27.94 -0.63 0.00	30.02 -0.27 0.00	27.53 -0.51 0.00	26.98 -0.75 0.00	27.33 -0.79 0.00	29.38 -0.76 0.00	30.42 -0.63 0.00	31.09 -0.41 0.00	33.19 -0.37 0.00	43.83 -0.58 1.85	47.68 -0.72 0.00	48.79 -0.59 0.00	46.68 -1.00 0.68	40.32 -1.15 1.32	38.55 -1.03 0.00
GREENIDGE___3 23582	35.08 0.12 0.00	35.41 0.34 0.00	36.25 0.21 0.00	32.88 0.20 0.00	42.23 0.29 0.00	58.08 0.48 0.00	62.33 0.74 0.00	41.87 -0.25 0.00	28.69 -0.51 0.00	27.94 -0.63 0.00	30.02 -0.27 0.00	27.53 -0.51 0.00	26.98 -0.75 0.00	27.33 -0.79 0.00	29.38 -0.76 0.00	30.42 -0.63 0.00	31.09 -0.41 0.00	33.19 -0.37 0.00	43.83 -0.58 1.85	47.68 -0.72 0.00	48.79 -0.59 0.00	46.68 -1.00 0.68	40.32 -1.15 1.32	38.55 -1.03 0.00
GREENIDGE___4 23583	35.08 0.13 0.00	35.41 0.34 0.00	36.26 0.21 0.00	32.88 0.20 0.00	42.24 0.29 0.00	58.09 0.49 0.00	62.34 0.75 0.00	41.88 -0.24 0.00	28.69 -0.51 0.00	27.94 -0.64 0.00	30.02 -0.27 0.00	27.53 -0.51 0.00	26.98 -0.75 0.00	27.33 -0.79 0.00	29.38 -0.75 0.00	30.42 -0.64 0.00	31.08 -0.42 0.00	33.18 -0.37 0.00	43.82 -0.59 1.85	47.68 -0.72 0.00	48.79 -0.59 0.00	46.68 -1.00 0.68	40.31 -1.15 1.32	38.54 -1.04 0.00
GREENLWN_69_KV_BK 3 55738	36.15 1.20 0.00	36.43 1.36 0.00	37.48 1.44 0.00	33.89 1.22 0.00	42.93 0.99 0.00	46.01 0.78 12.37	53.19 1.18 9.59	25.53 1.63 18.23	24.75 1.33 5.78	30.27 1.70 0.00	32.69 2.35 -0.05	30.32 2.28 0.00	33.57 2.11 -3.73	30.22 2.10 0.00	32.20 2.06 0.00	33.13 2.08 0.00	33.33 1.83 0.00	34.02 1.52 1.06	48.09 1.84 0.01	47.58 1.64 2.46	51.21 1.83 0.00	50.27 1.90 0.00	44.32 1.54 0.01	41.29 1.71 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.95 2.00 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.69 0.00	43.91 1.97 0.00	60.20 2.60 0.00	64.55 2.96 0.00	45.07 2.95 0.00	31.45 2.24 -0.01	30.90 2.32 0.00	32.76 2.47 -0.01	30.46 2.41 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.00 2.45 0.00	49.35 3.09 0.00	51.39 2.99 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
GRISSOM___SOLAR 323813	36.78 1.82 0.00	36.87 1.80 0.00	37.93 1.89 0.00	34.38 1.71 0.00	44.19 2.25 0.00	60.82 3.23 0.00	65.19 3.60 0.00	43.74 1.62 0.00	29.55 0.34 0.00	28.55 -0.03 0.00	30.16 -0.13 0.00	27.92 -0.12 0.00	27.69 -0.04 0.00	28.16 0.05 0.00	30.17 0.03 0.00	31.19 0.13 0.00	31.95 0.45 0.00	34.81 1.25 0.00	48.41 2.14 0.00	50.88 2.48 0.00	52.12 2.74 0.00	50.96 2.59 0.00	45.02 2.23 0.00	41.55 1.97 0.00
GROVEVILLE___HYD 323602	36.93 1.97 0.00	36.96 1.90 0.00	37.93 1.89 0.00	34.34 1.66 0.00	43.98 2.03 0.00	60.44 2.84 0.00	64.91 3.32 0.00	44.90 2.78 0.00	31.21 2.01 0.00	30.56 1.98 0.00	32.29 2.00 0.00	29.92 1.88 0.00	29.52 1.78 0.00	29.90 1.79 0.00	32.01 1.88 0.00	33.07 2.01 0.00	33.57 2.07 0.00	35.69 2.14 0.00	49.21 2.95 0.00	51.35 2.95 0.00	52.54 3.16 0.00	51.39 3.03 0.00	45.42 2.63 0.00	41.95 2.37 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.69 -0.26 0.00	34.82 -0.25 0.00	35.78 -0.26 0.00	32.43 -0.25 0.00	41.65 -0.30 0.00	57.31 -0.28 0.00	61.44 -0.15 0.00	41.84 -0.28 0.00	28.90 -0.31 0.00	28.28 -0.30 0.00	30.11 -0.18 0.00	27.87 -0.17 0.00	27.50 -0.23 0.00	27.81 -0.31 0.00	29.79 -0.34 0.00	30.75 -0.31 0.00	31.28 -0.22 0.00	33.34 -0.21 0.00	45.74 -0.31 0.20	48.02 -0.38 0.00	49.04 -0.34 0.00	47.93 -0.36 0.08	42.25 -0.39 0.15	39.20 -0.38 0.00
HAMLTNNY_34_KV_TB 80303	34.86 -0.09 0.00	35.00 -0.07 0.00	35.95 -0.09 0.00	32.58 -0.10 0.00	41.86 -0.08 0.00	57.63 0.04 0.00	61.81 0.22 0.00	42.04 -0.08 0.00	29.03 -0.18 0.00	28.37 -0.21 0.00	30.25 -0.04 0.00	27.96 -0.08 0.00	27.53 -0.20 0.00	27.86 -0.25 0.00	29.85 -0.29 0.00	30.86 -0.19 0.00	31.44 -0.06 0.00	33.51 -0.05 0.00	45.93 -0.07 0.27	48.31 -0.09 0.00	49.33 -0.05 0.00	48.17 -0.10 0.10	42.41 -0.19 0.19	39.40 -0.18 0.00

HAMPSHIRE___PAPER_HYD 323593	32.76 -2.19 0.00	33.05 -2.02 0.00	34.27 -1.77 0.00	31.31 -1.36 0.00	40.53 -1.41 0.00	55.80 -1.80 0.00	59.33 -2.26 0.00	39.96 -2.16 0.00	27.25 -1.96 0.00	26.60 -1.98 0.00	28.23 -2.06 0.00	26.10 -1.93 0.00	25.92 -1.81 0.00	26.28 -1.84 0.00	28.15 -1.99 0.00	29.07 -1.99 0.00	29.64 -1.86 0.00	31.91 -1.64 0.00	44.37 -1.89 0.00	46.68 -1.72 0.00	47.48 -1.90 0.00	45.95 -2.42 0.00	40.31 -2.47 0.00	37.32 -2.26 0.00
HARDSCRABBLE_WT_PWR 323673	36.16 1.20 0.00	36.37 1.30 0.00	37.38 1.34 0.00	33.92 1.24 0.00	43.57 1.63 0.00	59.95 2.35 0.00	64.00 2.41 0.00	43.06 0.94 0.00	29.36 0.16 0.00	28.41 -0.16 0.00	29.94 -0.34 0.00	27.68 -0.36 0.00	27.37 -0.36 0.00	27.78 -0.33 0.00	29.73 -0.41 0.00	30.72 -0.34 0.00	31.44 -0.05 0.00	34.07 0.51 0.00	47.43 1.17 0.00	49.90 1.50 0.00	50.90 1.52 0.00	49.58 1.21 0.00	43.87 1.08 0.00	40.57 0.99 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.75 1.79 0.00	36.79 1.72 0.00	37.74 1.69 0.00	34.15 1.47 0.00	43.72 1.78 0.00	60.13 2.54 0.00	64.60 3.01 0.00	44.70 2.58 0.00	31.04 1.84 0.00	30.42 1.84 0.00	32.21 1.92 0.00	29.86 1.82 0.00	29.43 1.70 0.00	29.79 1.67 0.00	31.87 1.73 0.00	32.94 1.89 0.00	33.43 1.93 0.00	35.52 1.96 0.00	49.11 2.70 -0.15	51.10 2.70 0.00	52.31 2.93 0.00	51.18 2.76 -0.06	45.31 2.41 -0.11	41.76 2.18 0.00
HARSNRAD_115KV_TB1 81005	33.46 -1.49 0.00	33.71 -1.37 0.00	34.43 -1.61 0.00	31.23 -1.45 0.00	40.21 -1.73 0.00	55.19 -2.40 0.00	59.09 -2.50 0.00	39.38 -2.74 0.00	27.35 -1.85 0.00	26.90 -1.68 0.00	29.14 -1.15 0.00	26.76 -1.28 0.00	26.36 -1.37 0.00	26.96 -1.16 0.00	29.01 -1.13 0.00	29.89 -1.17 0.00	30.14 -1.35 0.00	31.66 -1.89 0.00	41.89 -3.22 1.16	45.07 -3.33 0.00	46.27 -3.11 0.00	44.32 -3.62 0.43	38.90 -3.07 0.83	37.37 -2.21 0.00
HARZA MOOSE___RIVER 24016	34.11 -0.84 0.00	34.49 -0.58 0.00	35.81 -0.23 0.00	32.73 0.05 0.00	42.40 0.45 0.00	58.42 0.82 0.00	62.20 0.62 0.00	41.73 -0.39 0.00	28.39 -0.81 0.00	27.64 -0.94 0.00	29.44 -0.85 0.00	27.22 -0.82 0.00	26.97 -0.76 0.00	27.31 -0.80 0.00	29.27 -0.87 0.00	30.24 -0.82 0.00	30.95 -0.55 0.00	33.36 -0.19 0.00	46.49 0.22 0.00	48.76 0.36 0.00	49.61 0.24 0.00	48.01 -0.35 0.00	41.98 -0.81 0.00	38.92 -0.66 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.49 -0.46 0.00	34.61 -0.47 0.00	35.56 -0.48 0.00	32.22 -0.45 0.00	41.37 -0.57 0.00	56.94 -0.66 0.00	61.03 -0.56 0.00	41.59 -0.53 0.00	28.79 -0.42 0.00	28.18 -0.40 0.00	30.00 -0.29 0.00	27.77 -0.27 0.00	27.41 -0.32 0.00	27.74 -0.37 0.00	29.73 -0.41 0.00	30.66 -0.39 0.00	31.14 -0.36 0.00	33.17 -0.38 0.00	45.70 -0.57 0.00	47.74 -0.66 0.00	48.75 -0.63 0.00	47.75 -0.62 0.00	42.18 -0.60 0.00	39.02 -0.56 0.00
HELLGATE_13_KV_LD 55870	36.97 2.01 0.00	37.02 1.95 0.00	37.95 1.91 0.00	34.35 1.67 0.00	43.91 1.97 0.00	60.27 2.68 0.00	64.69 3.10 0.00	45.09 2.97 0.00	31.49 2.28 -0.01	30.95 2.37 0.00	32.89 2.59 -0.01	30.55 2.51 -0.01	30.12 2.38 -0.01	30.48 2.35 -0.01	32.52 2.38 0.00	33.54 2.48 -0.01	34.01 2.51 0.00	36.07 2.51 0.00	49.44 3.18 0.00	51.48 3.08 0.00	52.64 3.26 0.00	51.46 3.10 0.00	45.63 2.84 0.00	42.16 2.58 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.97 2.01 0.00	37.02 1.95 0.00	37.95 1.91 0.00	34.35 1.67 0.00	43.91 1.97 0.00	60.27 2.68 0.00	64.69 3.10 0.00	45.09 2.97 0.00	31.49 2.28 -0.01	30.95 2.37 0.00	32.89 2.59 -0.01	30.55 2.51 -0.01	30.12 2.38 -0.01	30.48 2.35 -0.01	32.52 2.38 0.00	33.54 2.48 -0.01	34.01 2.51 0.00	36.07 2.51 0.00	49.44 3.18 0.00	51.48 3.08 0.00	52.64 3.26 0.00	51.46 3.10 0.00	45.63 2.84 0.00	42.16 2.58 0.00
HEMPSTEAD___ 23647	36.66 1.71 0.00	36.84 1.77 0.00	37.83 1.79 0.00	34.21 1.54 0.00	43.51 1.57 0.00	53.55 1.79 5.84	62.67 2.33 1.25	35.16 2.32 9.29	28.17 1.79 2.82	30.64 2.07 0.00	32.90 2.53 -0.08	30.47 2.43 0.00	33.73 2.27 -3.73	30.37 2.26 0.00	32.38 2.24 0.00	33.37 2.31 0.00	33.72 2.22 0.00	35.60 2.05 0.00	48.87 2.61 0.00	49.64 2.49 1.25	52.08 2.70 0.00	51.03 2.67 0.00	45.07 2.28 0.00	41.86 2.29 0.00
HICKLING___1 23621	34.71 -0.24 0.00	35.25 0.18 0.00	36.02 -0.02 0.00	32.68 0.00 0.00	41.93 -0.01 0.00	57.71 0.12 0.00	61.89 0.30 0.00	41.19 -0.93 0.00	28.38 -0.82 0.00	27.71 -0.87 0.00	30.02 -0.27 0.00	27.45 -0.59 0.00	26.80 -0.93 0.00	27.15 -0.96 0.00	29.23 -0.91 0.00	30.29 -0.77 0.00	30.76 -0.74 0.00	32.58 -0.97 0.00	41.65 -1.55 3.06	46.81 -1.59 0.00	47.97 -1.41 0.00	45.27 -1.96 1.13	38.39 -2.21 2.19	37.61 -1.97 0.00
HICKLING___2 23622	34.71 -0.24 0.00	35.25 0.18 0.00	36.02 -0.02 0.00	32.68 0.00 0.00	41.93 -0.01 0.00	57.71 0.12 0.00	61.89 0.30 0.00	41.19 -0.93 0.00	28.38 -0.82 0.00	27.71 -0.87 0.00	30.02 -0.27 0.00	27.45 -0.59 0.00	26.80 -0.93 0.00	27.15 -0.96 0.00	29.23 -0.91 0.00	30.29 -0.77 0.00	30.76 -0.74 0.00	32.58 -0.97 0.00	41.65 -1.55 3.06	46.81 -1.59 0.00	47.97 -1.41 0.00	45.27 -1.96 1.13	38.39 -2.21 2.19	37.61 -1.97 0.00
HIGH FALLS___HY 23754	37.10 2.14 0.00	37.11 2.04 0.00	38.08 2.04 0.00	34.48 1.80 0.00	44.17 2.23 0.00	60.80 3.21 0.00	65.35 3.77 0.00	45.20 3.08 0.00	31.31 2.10 0.00	30.52 1.94 0.00	32.00 1.72 0.00	29.61 1.57 0.00	29.20 1.47 0.00	29.59 1.47 0.00	31.68 1.54 0.00	32.81 1.75 0.00	33.34 1.84 0.00	35.61 2.05 0.00	49.62 3.21 -0.15	51.66 3.26 0.00	52.84 3.46 0.00	51.70 3.28 -0.06	45.70 2.81 -0.11	42.07 2.49 0.00
HIGH_RIVER___SOLAR 323847	36.52 1.56 0.00	36.61 1.54 0.00	37.66 1.62 0.00	34.14 1.46 0.00	43.86 1.92 0.00	60.33 2.73 0.00	64.60 3.01 0.00	43.55 1.42 0.00	29.74 0.54 0.00	28.95 0.37 0.00	30.61 0.32 0.00	28.01 -0.02 0.00	27.99 0.26 0.00	28.47 0.36 0.00	30.52 0.39 0.00	31.48 0.42 0.00	32.02 0.52 0.00	34.45 0.89 0.00	48.07 1.81 0.00	50.53 2.13 0.00	51.77 2.39 0.00	50.67 2.31 0.00	44.78 1.99 0.00	41.34 1.76 0.00
HILLBURN___GT 23639	36.59 1.63 0.00	36.63 1.56 0.00	37.56 1.51 0.00	33.98 1.30 0.00	43.49 1.55 0.00	59.79 2.20 0.00	64.27 2.68 0.00	44.52 2.40 0.00	30.94 1.74 0.00	30.36 1.78 0.00	32.18 1.89 0.00	29.86 1.82 0.00	29.40 1.67 0.00	29.76 1.65 0.00	31.82 1.69 0.00	32.87 1.81 0.00	33.36 1.86 0.00	35.41 1.86 0.00	48.77 2.51 0.00	50.84 2.44 0.00	52.07 2.70 0.00	50.90 2.53 0.00	45.02 2.23 0.00	41.61 2.03 0.00
HILLSIDE_115KV_TB1 80332	34.20 -0.76 0.00	34.78 -0.29 0.00	35.52 -0.52 0.00	32.23 -0.45 0.00	41.33 -0.61 0.00	56.89 -0.71 0.00	61.04 -0.55 0.00	40.76 -1.36 0.00	28.19 -1.01 0.00	27.45 -1.12 0.00	29.76 -0.53 0.00	27.20 -0.84 0.00	26.56 -1.17 0.00	26.93 -1.18 0.00	28.96 -1.18 0.00	29.96 -1.09 0.00	30.30 -1.19 0.00	32.09 -1.47 0.00	40.62 -2.15 3.49	46.33 -2.07 0.00	47.47 -1.90 0.00	44.64 -2.44 1.29	37.71 -2.58 2.49	37.25 -2.33 0.00

HISHELDN_WT_PWR 323625	34.01 -0.94 0.00	34.36 -0.71 0.00	35.09 -0.95 0.00	31.80 -0.88 0.00	40.85 -1.10 0.00	55.95 -1.65 0.00	59.77 -1.82 0.00	39.67 -2.45 0.00	27.44 -1.76 0.00	27.02 -1.56 0.00	29.25 -1.04 0.00	26.82 -1.22 0.00	26.34 -1.39 0.00	26.87 -1.24 0.00	29.00 -1.13 0.00	29.95 -1.11 0.00	30.33 -1.17 0.00	31.96 -1.59 0.00	41.92 -2.77 1.57	45.40 -3.00 0.00	46.67 -2.71 0.00	44.42 -3.36 0.58	38.44 -3.23 1.12	36.90 -2.68 0.00
HOLTSVILLE_IC_1 23690	36.39 1.44 0.00	36.62 1.55 0.00	37.66 1.62 0.00	34.06 1.38 0.00	43.09 1.15 0.00	46.23 0.98 12.34	69.34 1.47 -6.28	27.25 1.82 16.70	25.80 1.47 4.88	30.38 1.81 0.00	32.83 2.48 -0.05	30.42 2.38 0.00	33.66 2.21 -3.73	30.34 2.22 0.00	32.27 2.13 0.00	33.23 2.17 0.00	33.47 1.98 0.00	36.60 1.79 -1.26	48.41 2.14 0.00	47.62 1.76 2.55	51.32 1.95 0.00	50.50 2.13 0.00	44.47 1.69 0.01	41.38 1.80 0.00
HOLTSVILLE_IC_10 23699	36.54 1.59 0.00	36.77 1.71 0.00	37.81 1.77 0.00	34.19 1.51 0.00	43.25 1.31 0.00	46.56 1.21 12.24	68.02 1.73 -4.70	27.41 1.99 16.70	25.86 1.58 4.93	30.48 1.90 0.00	32.93 2.59 -0.05	30.52 2.48 0.00	33.76 2.31 -3.73	30.43 2.32 0.00	32.39 2.25 0.00	33.34 2.29 0.00	33.58 2.09 0.00	36.54 1.96 -1.02	48.61 2.34 0.00	47.86 1.98 2.52	51.55 2.18 0.00	50.72 2.35 0.00	44.64 1.86 0.01	41.50 1.92 0.00
HOLTSVILLE_IC_2 23691	36.39 1.44 0.00	36.62 1.55 0.00	37.66 1.62 0.00	34.06 1.38 0.00	43.09 1.15 0.00	46.23 0.98 12.34	69.34 1.47 -6.28	27.25 1.82 16.70	25.80 1.47 4.88	30.38 1.81 0.00	32.83 2.48 -0.05	30.42 2.38 0.00	33.66 2.21 -3.73	30.34 2.22 0.00	32.27 2.13 0.00	33.23 2.17 0.00	33.47 1.98 0.00	36.60 1.79 -1.26	48.41 2.14 0.00	47.62 1.76 2.55	51.32 1.95 0.00	50.50 2.13 0.00	44.47 1.69 0.01	41.38 1.80 0.00
HOLTSVILLE_IC_3 23692	36.39 1.44 0.00	36.62 1.55 0.00	37.66 1.62 0.00	34.06 1.38 0.00	43.09 1.15 0.00	46.23 0.98 12.34	69.34 1.47 -6.28	27.25 1.82 16.70	25.80 1.47 4.88	30.38 1.81 0.00	32.83 2.48 -0.05	30.42 2.38 0.00	33.66 2.21 -3.73	30.34 2.22 0.00	32.27 2.13 0.00	33.23 2.17 0.00	33.47 1.98 0.00	36.60 1.79 -1.26	48.41 2.14 0.00	47.62 1.76 2.55	51.32 1.95 0.00	50.50 2.13 0.00	44.47 1.69 0.01	41.38 1.80 0.00
HOLTSVILLE_IC_4 23693	36.39 1.44 0.00	36.62 1.55 0.00	37.66 1.62 0.00	34.06 1.38 0.00	43.09 1.15 0.00	46.23 0.98 12.34	69.34 1.47 -6.28	27.25 1.82 16.70	25.80 1.47 4.88	30.38 1.81 0.00	32.83 2.48 -0.05	30.42 2.38 0.00	33.66 2.21 -3.73	30.34 2.22 0.00	32.27 2.13 0.00	33.23 2.17 0.00	33.47 1.98 0.00	36.60 1.79 -1.26	48.41 2.14 0.00	47.62 1.76 2.55	51.32 1.95 0.00	50.50 2.13 0.00	44.47 1.69 0.01	41.38 1.80 0.00
HOLTSVILLE_IC_5 23694	36.39 1.44 0.00	36.62 1.55 0.00	37.66 1.62 0.00	34.06 1.38 0.00	43.09 1.15 0.00	46.23 0.98 12.34	69.34 1.47 -6.28	27.25 1.82 16.70	25.80 1.47 4.88	30.38 1.81 0.00	32.83 2.48 -0.05	30.42 2.38 0.00	33.66 2.21 -3.73	30.34 2.22 0.00	32.27 2.13 0.00	33.23 2.17 0.00	33.47 1.98 0.00	36.60 1.79 -1.26	48.41 2.14 0.00	47.62 1.76 2.55	51.32 1.95 0.00	50.50 2.13 0.00	44.47 1.69 0.01	41.38 1.80 0.00
HOLTSVILLE_IC_6 23695	36.54 1.59 0.00	36.77 1.71 0.00	37.81 1.77 0.00	34.19 1.51 0.00	43.25 1.31 0.00	46.56 1.21 12.24	68.02 1.73 -4.70	27.41 1.99 16.70	25.86 1.58 4.93	30.48 1.90 0.00	32.93 2.59 -0.05	30.52 2.48 0.00	33.76 2.31 -3.73	30.43 2.32 0.00	32.39 2.25 0.00	33.34 2.29 0.00	33.58 2.09 0.00	36.54 1.96 -1.02	48.61 2.34 0.00	47.86 1.98 2.52	51.55 2.18 0.00	50.72 2.35 0.00	44.64 1.86 0.01	41.50 1.92 0.00
HOLTSVILLE_IC_7 23696	36.54 1.59 0.00	36.77 1.71 0.00	37.81 1.77 0.00	34.19 1.51 0.00	43.25 1.31 0.00	46.56 1.21 12.24	68.02 1.73 -4.70	27.41 1.99 16.70	25.86 1.58 4.93	30.48 1.90 0.00	32.93 2.59 -0.05	30.52 2.48 0.00	33.76 2.31 -3.73	30.43 2.32 0.00	32.39 2.25 0.00	33.34 2.29 0.00	33.58 2.09 0.00	36.54 1.96 -1.02	48.61 2.34 0.00	47.86 1.98 2.52	51.55 2.18 0.00	50.72 2.35 0.00	44.64 1.86 0.01	41.50 1.92 0.00
HOLTSVILLE_IC_8 23697	36.54 1.59 0.00	36.77 1.71 0.00	37.81 1.77 0.00	34.19 1.51 0.00	43.25 1.31 0.00	46.56 1.21 12.24	68.02 1.73 -4.70	27.41 1.99 16.70	25.86 1.58 4.93	30.48 1.90 0.00	32.93 2.59 -0.05	30.52 2.48 0.00	33.76 2.31 -3.73	30.43 2.32 0.00	32.39 2.25 0.00	33.34 2.29 0.00	33.58 2.09 0.00	36.54 1.96 -1.02	48.61 2.34 0.00	47.86 1.98 2.52	51.55 2.18 0.00	50.72 2.35 0.00	44.64 1.86 0.01	41.50 1.92 0.00
HOLTSVILLE_IC_9 23698	36.54 1.59 0.00	36.77 1.71 0.00	37.81 1.77 0.00	34.19 1.51 0.00	43.25 1.31 0.00	46.56 1.21 12.24	68.02 1.73 -4.70	27.41 1.99 16.70	25.86 1.58 4.93	30.48 1.90 0.00	32.93 2.59 -0.05	30.52 2.48 0.00	33.76 2.31 -3.73	30.43 2.32 0.00	32.39 2.25 0.00	33.34 2.29 0.00	33.58 2.09 0.00	36.54 1.96 -1.02	48.61 2.34 0.00	47.86 1.98 2.52	51.55 2.18 0.00	50.72 2.35 0.00	44.64 1.86 0.01	41.50 1.92 0.00
HOMER_HL_115KV_TB2 355744	34.71 -0.24 0.00	35.16 0.09 0.00	35.89 -0.15 0.00	32.50 -0.18 0.00	41.73 -0.21 0.00	57.19 -0.40 0.00	61.17 -0.42 0.00	40.86 -1.27 0.00	28.25 -0.95 0.00	27.73 -0.84 0.00	29.99 -0.30 0.00	27.40 -0.63 0.00	26.83 -0.90 0.00	27.30 -0.81 0.00	29.41 -0.73 0.00	30.35 -0.71 0.00	30.61 -0.88 0.00	32.16 -1.40 0.00	42.34 -2.33 1.59	46.20 -2.20 0.00	47.71 -1.67 0.00	45.43 -2.35 0.59	39.34 -2.32 1.14	37.76 -1.82 0.00
HOWARD_WT_PWR 323690	35.13 0.18 0.00	35.59 0.52 0.00	36.39 0.36 0.00	33.01 0.33 0.00	42.39 0.45 0.00	58.15 0.55 0.00	61.89 0.30 0.00	40.64 -1.48 0.00	27.87 -1.34 0.00	27.47 -1.10 0.00	29.72 -0.57 0.00	27.18 -0.86 0.00	26.50 -1.23 0.00	26.84 -1.27 0.00	29.01 -1.13 0.00	30.08 -0.97 0.00	30.81 -0.69 0.00	32.74 -0.81 0.00	42.59 -1.64 2.03	46.10 -2.30 0.00	46.98 -2.40 0.00	44.48 -3.14 0.75	38.14 -3.20 1.45	36.93 -2.65 0.00
HQ_GEN_CEDARS 23644	34.64 -0.32 0.00	34.72 -0.35 0.00	35.68 -0.36 0.00	32.41 -0.26 0.00	41.67 -0.28 0.00	57.22 -0.37 0.00	61.05 -0.53 0.00	41.74 -0.38 0.00	28.82 -0.38 0.00	28.20 -0.37 0.00	29.83 -0.46 0.00	27.60 -0.44 0.00	27.34 -0.39 0.00	27.73 -0.38 0.00	29.76 -0.38 0.00	30.68 -0.37 0.00	31.15 -0.35 0.00	33.25 -0.30 0.00	45.88 -0.38 0.00	48.19 -0.21 0.00	49.02 -0.36 0.00	47.84 -0.53 0.00	42.36 -0.43 0.00	39.15 -0.43 0.00
HQ_GEN_CEDARS_PROXY 323590	34.64 -0.32 0.00	34.72 -0.35 0.00	35.68 -0.36 0.00	32.42 -0.26 0.00	41.67 -0.28 0.00	57.21 -0.38 0.00	61.05 -0.54 0.00	41.74 -0.38 0.00	28.82 -0.38 0.00	28.20 -0.37 0.00	29.83 -0.46 0.00	27.60 -0.44 0.00	26.63 -0.39 0.00	27.72 -0.38 0.00	29.76 -0.38 0.00	30.68 -0.37 0.00	31.15 -0.34 0.00	33.25 -0.30 0.00	42.32 -0.39 3.56	48.19 -0.21 0.00	49.02 -0.36 0.00	47.84 -0.53 0.00	42.36 -0.43 0.00	39.15 -0.43 0.00

HQ_GEN_CHPE_PROXY 323851	36.69 1.74 0.00	36.74 1.67 0.00	37.67 1.63 0.00	34.09 1.41 0.00	43.57 1.62 0.00	59.82 2.22 0.00	64.20 2.61 0.00	44.66 2.54 0.00	31.17 1.97 0.00	30.64 2.06 0.00	32.52 2.23 0.00	30.22 2.18 0.00	29.80 2.07 0.00	30.15 2.04 0.00	32.18 2.05 0.00	33.20 2.14 0.00	33.67 2.17 0.00	35.72 2.17 0.20	48.84 2.77 0.00	51.06 2.66 0.00	52.20 2.82 0.00	51.03 2.67 0.00	45.22 2.44 0.00	41.79 2.22 0.00
HQ_GEN_IMPORT 323601	34.94 -0.01 0.00	35.04 -0.03 0.00	36.00 -0.04 0.00	32.66 -0.02 0.00	41.94 -0.01 0.00	57.59 0.00 0.00	61.54 -0.05 0.00	42.08 -0.04 0.00	29.16 -0.04 0.00	28.54 -0.04 0.00	30.22 -0.06 0.00	27.98 -0.06 0.00	26.97 -0.05 0.71	28.06 -0.04 0.02	30.11 -0.03 0.00	31.03 -0.02 0.00	31.48 -0.02 0.00	33.55 0.00 0.00	46.04 -0.02 0.20	48.51 0.11 0.00	49.44 0.06 0.00	48.37 0.00 0.00	42.81 0.02 0.00	39.58 0.00 0.00
HQ_GEN_WHEEL 23651	34.94 -0.01 0.00	35.04 -0.03 0.00	36.00 -0.04 0.00	32.66 -0.02 0.00	41.94 -0.01 0.00	57.59 0.00 0.00	61.54 -0.05 0.00	42.08 -0.04 0.00	29.16 -0.04 0.00	28.54 -0.04 0.00	30.22 -0.06 0.00	27.98 -0.06 0.00	26.97 -0.05 0.71	28.06 -0.04 0.02	30.11 -0.03 0.00	31.03 -0.02 0.00	31.48 -0.02 0.00	33.55 0.00 0.00	46.04 -0.02 0.20	48.51 0.11 0.00	49.44 0.06 0.00	48.37 0.00 0.00	42.81 0.02 0.00	39.58 0.00 0.00
HUDSON_AVE_GT_3 23810	36.80 1.84 0.00	36.83 1.76 0.00	37.77 1.72 0.00	34.16 1.49 0.00	43.69 1.75 0.00	59.98 2.38 0.00	64.39 2.80 0.00	44.80 2.68 0.00	31.26 2.06 0.00	30.74 2.16 0.00	32.62 2.33 0.00	30.31 2.27 0.00	29.88 2.15 0.00	30.22 2.11 0.00	32.27 2.13 0.00	33.30 2.25 0.00	33.76 2.27 0.00	35.82 2.27 0.00	49.17 2.91 0.00	51.21 2.81 0.00	52.35 2.97 0.00	51.19 2.82 0.00	45.35 2.57 0.00	41.91 2.33 0.00
HUDSON_AVE_GT_4 23540	36.80 1.84 0.00	36.83 1.76 0.00	37.77 1.72 0.00	34.16 1.49 0.00	43.69 1.75 0.00	59.98 2.38 0.00	64.39 2.80 0.00	44.80 2.68 0.00	31.26 2.06 0.00	30.74 2.16 0.00	32.62 2.33 0.00	30.31 2.27 0.00	29.88 2.15 0.00	30.22 2.11 0.00	32.27 2.13 0.00	33.30 2.25 0.00	33.76 2.27 0.00	35.82 2.27 0.00	49.17 2.91 0.00	51.21 2.81 0.00	52.35 2.97 0.00	51.19 2.82 0.00	45.35 2.57 0.00	41.91 2.33 0.00
HUDSON_AVE_GT_5 23657	36.80 1.84 0.00	36.83 1.76 0.00	37.77 1.72 0.00	34.16 1.49 0.00	43.69 1.75 0.00	59.98 2.38 0.00	64.39 2.80 0.00	44.80 2.68 0.00	31.26 2.06 0.00	30.74 2.16 0.00	32.62 2.33 0.00	30.31 2.27 0.00	29.88 2.15 0.00	30.22 2.11 0.00	32.27 2.13 0.00	33.30 2.25 0.00	33.76 2.27 0.00	35.82 2.27 0.00	49.17 2.91 0.00	51.21 2.81 0.00	52.35 2.97 0.00	51.19 2.82 0.00	45.35 2.57 0.00	41.91 2.33 0.00
HUDSON_AVE_10 24168	36.60 1.64 0.00	36.65 1.58 0.00	37.57 1.53 0.00	33.99 1.32 0.00	43.48 1.54 0.00	59.70 2.11 0.00	64.02 2.45 0.02	44.54 2.43 0.00	31.09 1.89 0.00	30.59 2.01 0.00	32.46 2.17 0.00	30.19 2.15 0.00	29.73 2.00 0.00	30.06 1.95 0.00	32.09 1.96 0.00	33.12 2.06 0.00	33.58 2.09 0.00	35.63 2.08 0.00	48.92 2.66 0.00	50.95 2.55 0.00	52.11 2.73 0.00	50.95 2.58 0.00	45.16 2.37 0.00	41.73 2.15 0.00
HUDSON___115KV_TB 4 355613	36.23 1.28 0.00	36.45 1.39 0.00	37.51 1.47 0.00	33.97 1.30 0.00	43.54 1.60 0.00	59.68 2.09 0.00	63.94 2.35 0.00	43.77 1.65 0.00	30.21 1.01 0.00	29.44 0.86 0.00	31.06 0.77 0.00	28.80 0.76 0.00	28.47 0.74 0.00	28.90 0.79 0.00	30.98 0.84 0.00	31.86 0.80 0.00	32.33 0.83 0.00	34.40 0.84 0.00	47.70 1.44 0.00	49.89 1.49 0.00	51.02 1.64 0.00	50.05 1.69 0.00	44.24 1.45 0.00	40.89 1.31 0.00
HUNTER MOUNT___DRP 323613	36.32 1.37 0.00	36.57 1.51 0.00	37.64 1.60 0.00	34.10 1.43 0.00	43.72 1.78 0.00	59.96 2.37 0.00	64.22 2.63 0.00	43.96 1.84 0.00	30.32 1.11 0.00	29.49 0.91 0.00	31.10 0.82 0.00	28.83 0.79 0.00	28.51 0.78 0.00	28.97 0.85 0.00	31.03 0.89 0.00	31.91 0.86 0.00	32.40 0.90 0.00	34.51 0.95 0.00	47.80 1.54 0.00	50.00 1.60 0.00	51.13 1.75 0.00	50.15 1.78 0.00	44.30 1.51 0.00	40.93 1.35 0.00
HUNTINGTON_RES_REC 323705	36.25 1.29 0.00	36.51 1.44 0.00	37.55 1.51 0.00	33.96 1.28 0.00	42.98 1.04 0.00	45.93 0.78 12.44	58.54 1.26 4.31	25.96 1.68 17.84	25.03 1.35 5.52	30.27 1.70 0.00	32.70 2.36 -0.05	30.36 2.33 0.00	33.60 2.15 -3.73	30.28 2.17 0.00	32.26 2.13 0.00	33.18 2.12 0.00	33.39 1.90 0.00	34.92 1.65 0.29	48.29 2.03 0.00	47.67 1.78 2.51	51.37 1.99 0.00	50.47 2.10 0.00	44.47 1.68 0.01	41.38 1.81 0.00
HUNTLEY___63 23557	33.71 -1.25 0.00	33.98 -1.09 0.00	34.69 -1.35 0.00	31.47 -1.21 0.00	40.51 -1.43 0.00	55.57 -2.02 0.00	59.51 -2.08 0.00	39.66 -2.46 0.00	27.61 -1.59 0.00	27.13 -1.45 0.00	29.40 -0.89 0.00	27.03 -1.02 0.00	26.61 -1.12 0.00	27.22 -0.89 0.00	29.31 -0.83 0.00	30.21 -0.84 0.00	30.41 -1.08 0.00	31.87 -1.69 0.00	42.11 -2.92 1.23	45.36 -3.04 0.00	46.55 -2.83 0.00	44.57 -3.35 0.46	39.09 -2.82 0.88	37.60 -1.98 0.00
HUNTLEY___64 23558	33.71 -1.25 0.00	33.98 -1.09 0.00	34.69 -1.35 0.00	31.47 -1.21 0.00	40.51 -1.43 0.00	55.57 -2.02 0.00	59.51 -2.08 0.00	39.66 -2.46 0.00	27.61 -1.59 0.00	27.13 -1.45 0.00	29.40 -0.89 0.00	27.03 -1.02 0.00	26.61 -1.12 0.00	27.22 -0.89 0.00	29.31 -0.83 0.00	30.21 -0.84 0.00	30.41 -1.08 0.00	31.87 -1.69 0.00	42.11 -2.92 1.23	45.36 -3.04 0.00	46.55 -2.83 0.00	44.57 -3.35 0.46	39.09 -2.82 0.88	37.60 -1.98 0.00
HUNTLEY___65 23559	33.71 -1.25 0.00	33.98 -1.09 0.00	34.69 -1.35 0.00	31.47 -1.21 0.00	40.51 -1.43 0.00	55.57 -2.02 0.00	59.51 -2.08 0.00	39.66 -2.46 0.00	27.61 -1.59 0.00	27.13 -1.45 0.00	29.40 -0.89 0.00	27.03 -1.02 0.00	26.61 -1.12 0.00	27.22 -0.89 0.00	29.31 -0.83 0.00	30.21 -0.84 0.00	30.41 -1.08 0.00	31.87 -1.69 0.00	42.11 -2.92 1.23	45.36 -3.04 0.00	46.55 -2.83 0.00	44.57 -3.35 0.46	39.09 -2.82 0.88	37.60 -1.98 0.00
HUNTLEY___66 23560	33.71 -1.25 0.00	33.98 -1.09 0.00	34.69 -1.35 0.00	31.47 -1.21 0.00	40.51 -1.43 0.00	55.57 -2.02 0.00	59.51 -2.08 0.00	39.66 -2.46 0.00	27.61 -1.59 0.00	27.13 -1.45 0.00	29.40 -0.89 0.00	27.03 -1.02 0.00	26.61 -1.12 0.00	27.22 -0.89 0.00	29.31 -0.83 0.00	30.21 -0.84 0.00	30.41 -1.08 0.00	31.87 -1.69 0.00	42.11 -2.92 1.23	45.36 -3.04 0.00	46.55 -2.83 0.00	44.57 -3.35 0.46	39.09 -2.82 0.88	37.60 -1.98 0.00
HUNTLEY___67 23561	33.63 -1.32 0.00	33.90 -1.17 0.00	34.62 -1.42 0.00	31.39 -1.29 0.00	40.38 -1.57 0.00	55.35 -2.24 0.00	59.23 -2.36 0.00	39.48 -2.64 0.00	27.45 -1.75 0.00	27.00 -1.57 0.00	29.27 -1.02 0.00	26.92 -1.12 0.00	26.50 -1.23 0.00	27.08 -1.03 0.00	29.14 -1.00 0.00	30.03 -1.03 0.00	30.22 -1.28 0.00	31.71 -1.85 0.00	41.85 -3.12 1.29	45.19 -3.21 0.00	46.38 -3.00 0.00	44.38 -3.51 0.48	38.86 -3.02 0.92	37.37 -2.21 0.00

HUNTLEY___68 23562	33.63 -1.32 0.00	33.90 -1.17 0.00	34.62 -1.42 0.00	31.39 -1.29 0.00	40.38 -1.57 0.00	55.35 -2.24 0.00	59.23 -2.36 0.00	39.48 -2.64 0.00	27.45 -1.75 0.00	27.00 -1.57 0.00	29.27 -1.02 0.00	26.92 -1.12 0.00	26.50 -1.23 0.00	27.08 -1.03 0.00	29.14 -1.00 0.00	30.03 -1.03 0.00	30.22 -1.28 0.00	31.71 -1.85 0.00	41.85 -3.12 1.29	45.19 -3.21 0.00	46.38 -3.00 0.00	44.38 -3.51 0.48	38.86 -3.02 0.92	37.37 -2.21 0.00
HYLAND___LFGE 323620	36.60 1.64 0.00	36.88 1.81 0.00	37.73 1.69 0.00	34.22 1.54 0.00	44.02 2.08 0.00	60.89 3.30 0.00	65.49 3.90 0.00	43.51 1.38 0.00	29.23 0.03 0.00	28.59 0.01 0.00	30.70 0.41 0.00	28.07 0.03 0.00	27.49 -0.24 0.00	27.91 -0.21 0.00	30.21 0.07 0.00	31.30 0.24 0.00	32.10 0.60 0.00	34.47 0.91 0.00	45.32 0.53 1.48	49.08 0.68 0.00	50.86 1.48 0.00	48.79 0.96 0.55	42.10 0.37 1.06	40.02 0.45 0.00
INDECK___CORINTH 23802	35.92 0.97 0.00	35.96 0.89 0.00	36.95 0.91 0.00	33.56 0.88 0.00	43.16 1.22 0.00	59.21 1.62 0.00	63.34 1.75 0.00	43.19 1.06 0.00	29.97 0.76 0.00	29.07 0.49 0.00	30.58 0.29 0.00	28.17 0.13 0.00	27.83 0.10 0.00	28.12 0.00 0.00	30.19 0.06 0.00	30.93 -0.13 0.00	31.53 0.03 0.00	33.80 0.25 0.00	47.06 0.80 0.00	49.28 0.88 0.00	50.28 0.90 0.00	49.50 1.13 0.00	43.91 1.12 0.00	40.61 1.03 0.00
INDECK___ILION 23567	35.71 0.76 0.00	35.88 0.81 0.00	36.88 0.84 0.00	33.45 0.77 0.00	42.96 1.02 0.00	59.04 1.44 0.00	63.09 1.50 0.00	42.77 0.65 0.00	29.39 0.18 0.00	28.58 0.01 0.00	30.20 -0.09 0.00	27.93 -0.10 0.00	27.62 -0.11 0.00	28.02 -0.10 0.00	30.01 -0.13 0.00	30.97 -0.09 0.00	31.56 0.07 0.00	33.94 0.38 0.00	47.05 0.79 0.00	49.35 0.95 0.00	50.36 0.98 0.00	49.20 0.83 0.00	43.51 0.73 0.00	40.24 0.66 0.00
INDECK___OLEAN 23982	34.71 -0.24 0.00	35.16 0.09 0.00	35.89 -0.15 0.00	32.50 -0.18 0.00	41.73 -0.21 0.00	57.22 -0.38 0.00	61.17 -0.42 0.00	40.87 -1.26 0.00	28.24 -0.96 0.00	27.74 -0.84 0.00	29.99 -0.30 0.00	27.40 -0.64 0.00	26.83 -0.90 0.00	27.31 -0.81 0.00	29.40 -0.73 0.00	30.35 -0.70 0.00	30.60 -0.90 0.00	32.16 -1.40 0.00	42.32 -2.35 1.59	46.20 -2.20 0.00	47.71 -1.67 0.00	45.43 -2.35 0.59	39.33 -2.33 1.14	37.75 -1.83 0.00
INDECK___OSWEGO 23783	33.88 -1.08 0.00	34.00 -1.07 0.00	34.95 -1.08 0.00	31.70 -0.98 0.00	40.70 -1.25 0.00	55.97 -1.62 0.00	59.97 -1.62 0.00	40.89 -1.23 0.00	28.29 -0.91 0.00	27.71 -0.87 0.00	29.49 -0.80 0.00	27.29 -0.75 0.00	26.95 -0.78 0.00	27.29 -0.82 0.00	29.22 -0.91 0.00	30.14 -0.92 0.00	30.59 -0.91 0.00	32.61 -0.94 0.00	44.93 -1.33 0.00	46.96 -1.44 0.00	47.94 -1.44 0.00	47.02 -1.35 0.00	41.52 -1.27 0.00	38.41 -1.17 0.00
INDECK___YERKES 23781	33.74 -1.21 0.00	34.01 -1.06 0.00	34.73 -1.31 0.00	31.50 -1.18 0.00	40.55 -1.40 0.00	55.63 -1.96 0.00	59.56 -2.03 0.00	39.72 -2.40 0.00	27.63 -1.58 0.00	27.15 -1.43 0.00	29.43 -0.86 0.00	27.05 -0.99 0.00	26.64 -1.09 0.00	27.25 -0.86 0.00	29.33 -0.80 0.00	30.25 -0.80 0.00	30.43 -1.07 0.00	31.90 -1.66 0.00	42.13 -2.90 1.23	45.40 -3.00 0.00	46.60 -2.78 0.00	44.60 -3.31 0.46	39.13 -2.78 0.88	37.64 -1.94 0.00
INDIAN POINT_GT_1 24139	36.53 1.58 0.00	36.58 1.51 0.00	37.52 1.48 0.00	33.95 1.28 0.00	43.45 1.50 0.00	59.70 2.10 0.00	64.10 2.51 0.00	44.44 2.31 0.00	30.93 1.72 0.00	30.36 1.78 0.00	32.17 1.88 0.00	29.84 1.81 0.00	29.42 1.69 0.00	29.78 1.66 0.00	31.83 1.70 0.00	32.85 1.80 0.00	33.32 1.83 0.00	35.39 1.83 0.00	48.70 2.44 0.00	50.76 2.36 0.00	51.94 2.56 0.00	50.80 2.44 0.00	44.96 2.17 0.00	41.56 1.98 0.00
INDIAN POINT_GT_2 23659	36.53 1.58 0.00	36.58 1.51 0.00	37.52 1.48 0.00	33.95 1.28 0.00	43.45 1.50 0.00	59.70 2.10 0.00	64.10 2.51 0.00	44.44 2.31 0.00	30.93 1.72 0.00	30.36 1.78 0.00	32.17 1.88 0.00	29.84 1.81 0.00	29.42 1.69 0.00	29.78 1.66 0.00	31.83 1.70 0.00	32.85 1.80 0.00	33.32 1.83 0.00	35.39 1.83 0.00	48.70 2.44 0.00	50.76 2.36 0.00	51.94 2.56 0.00	50.80 2.44 0.00	44.96 2.17 0.00	41.56 1.98 0.00
INDIAN POINT_GT_3 24019	36.53 1.58 0.00	36.58 1.51 0.00	37.52 1.48 0.00	33.95 1.28 0.00	43.45 1.50 0.00	59.70 2.10 0.00	64.10 2.51 0.00	44.44 2.31 0.00	30.93 1.72 0.00	30.36 1.78 0.00	32.17 1.88 0.00	29.84 1.81 0.00	29.42 1.69 0.00	29.78 1.66 0.00	31.83 1.70 0.00	32.85 1.80 0.00	33.32 1.83 0.00	35.39 1.83 0.00	48.70 2.44 0.00	50.76 2.36 0.00	51.94 2.56 0.00	50.80 2.44 0.00	44.96 2.17 0.00	41.56 1.98 0.00
INDIAN POINT___2 23530	36.52 1.57 0.00	36.57 1.50 0.00	37.51 1.47 0.00	33.95 1.27 0.00	43.42 1.48 0.00	59.67 2.07 0.00	64.09 2.51 0.00	44.42 2.30 0.00	30.91 1.70 0.00	30.33 1.75 0.00	32.15 1.86 0.00	29.83 1.79 0.00	29.40 1.67 0.00	29.76 1.64 0.00	31.81 1.67 0.00	32.84 1.78 0.00	33.30 1.81 0.00	35.37 1.81 0.00	48.68 2.42 0.00	50.74 2.34 0.00	51.94 2.56 0.00	50.79 2.42 0.00	44.94 2.15 0.00	41.55 1.97 0.00
INDIAN POINT___3 23531	36.52 1.57 0.00	36.57 1.50 0.00	37.52 1.48 0.00	33.95 1.27 0.00	43.44 1.50 0.00	59.68 2.09 0.00	64.09 2.50 0.00	44.42 2.30 0.00	30.91 1.71 0.00	30.34 1.77 0.00	32.15 1.86 0.00	29.83 1.79 0.00	29.40 1.67 0.00	29.76 1.65 0.00	31.81 1.67 0.00	32.84 1.78 0.00	33.30 1.80 0.00	35.37 1.81 0.00	48.68 2.42 0.00	50.74 2.34 0.00	51.91 2.54 0.00	50.77 2.41 0.00	44.94 2.15 0.00	41.54 1.96 0.00
INGHAM_C_115KV_TB7 356103	36.45 1.50 0.00	36.67 1.60 0.00	37.67 1.63 0.00	34.19 1.51 0.00	43.92 1.98 0.00	60.44 2.84 0.00	64.47 2.88 0.00	43.18 1.06 0.00	29.32 0.12 0.00	28.30 -0.28 0.00	29.77 -0.52 0.00	27.52 -0.52 0.00	27.20 -0.53 0.00	27.62 -0.50 0.00	29.53 -0.60 0.00	30.55 -0.50 0.00	31.34 -0.16 0.00	34.11 0.55 0.00	47.59 1.33 0.00	50.22 1.82 0.00	51.23 1.85 0.00	49.89 1.52 0.00	44.14 1.35 0.00	40.81 1.23 0.00
IP CORINTH___1 23988	36.11 1.15 0.00	36.15 1.08 0.00	37.15 1.11 0.00	33.73 1.06 0.00	43.38 1.44 0.00	59.54 1.95 0.00	63.71 2.12 0.00	43.44 1.31 0.00	30.12 0.92 0.00	29.22 0.64 0.00	30.75 0.46 0.00	28.33 0.30 0.00	27.98 0.25 0.00	28.27 0.16 0.00	30.35 0.21 0.00	31.09 0.03 0.00	31.70 0.20 0.00	33.99 0.43 0.00	47.32 1.06 0.00	49.56 1.16 0.00	50.57 1.19 0.00	49.77 1.41 0.00	44.14 1.35 0.00	40.82 1.24 0.00
IP___TICONDEROGA 23804	37.87 2.91 0.00	37.66 2.58 0.00	38.83 2.79 0.00	35.36 2.68 0.00	45.65 3.71 0.00	62.65 5.06 0.00	66.99 5.40 0.00	45.18 3.06 0.00	31.27 2.06 0.00	30.12 1.55 0.00	31.58 1.29 0.00	28.81 0.77 0.00	28.26 0.53 0.00	28.72 0.61 0.00	31.09 0.95 0.00	31.71 0.66 0.00	32.57 1.07 0.00	34.87 1.31 0.00	49.07 2.81 0.00	51.69 3.29 0.00	52.77 3.39 0.00	52.30 3.93 0.00	45.96 3.17 0.00	42.83 3.25 0.00

ISLIP_RES_REC 323679	36.68 1.72 0.00	36.91 1.84 0.00	37.93 1.89 0.00	34.31 1.63 0.00	43.41 1.47 0.00	46.90 1.46 12.15	68.17 2.02 -4.56	27.71 2.17 16.59	26.01 1.70 4.89	30.59 2.01 0.00	33.01 2.67 -0.05	30.63 2.59 0.00	33.85 2.40 -3.73	30.53 2.41 0.00	32.51 2.37 0.00	33.48 2.42 0.00	33.72 2.23 0.00	36.70 2.14 -1.00	48.87 2.61 0.00	48.15 2.25 2.50	51.79 2.41 0.00	50.91 2.54 0.00	44.79 2.01 0.01	41.64 2.06 0.00
JAMAICA__27_KV_LOAD 355505	36.76 1.81 0.00	36.83 1.76 0.00	37.74 1.70 0.00	34.14 1.47 0.00	43.71 1.76 0.00	60.04 2.44 0.00	64.28 2.71 0.02	44.72 2.60 0.00	31.21 2.02 0.00	30.72 2.14 0.00	32.63 2.34 0.00	30.42 2.38 0.00	29.85 2.12 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.21 2.16 0.00	33.68 2.19 0.00	35.74 2.18 0.00	49.08 2.82 0.00	51.15 2.76 0.00	52.37 2.98 0.00	51.20 2.83 0.00	45.40 2.62 0.00	41.94 2.36 0.00
JANIS__SOLAR 323808	36.71 1.75 0.00	36.90 1.83 0.00	37.98 1.94 0.00	34.52 1.85 0.00	44.41 2.47 0.00	61.24 3.65 0.00	65.78 4.19 0.00	44.31 2.19 0.00	29.91 0.71 0.00	28.79 0.21 0.00	30.60 0.31 0.00	28.22 0.18 0.00	27.95 0.22 0.00	28.21 0.09 0.00	30.23 0.09 0.00	31.18 0.12 0.00	31.99 0.49 0.00	34.81 1.25 0.00	48.55 2.28 0.00	50.78 2.38 0.00	51.80 2.42 0.00	50.17 1.80 0.00	44.14 1.35 0.00	40.55 0.97 0.00
JARVIS____ 23743	35.09 0.14 0.00	35.22 0.15 0.00	36.22 0.18 0.00	32.84 0.16 0.00	42.14 0.19 0.00	57.85 0.26 0.00	61.86 0.27 0.00	42.30 0.18 0.00	29.30 0.10 0.00	28.66 0.09 0.00	30.36 0.07 0.00	28.10 0.06 0.00	27.80 0.07 0.00	28.19 0.07 0.00	30.20 0.07 0.00	31.13 0.07 0.00	31.58 0.09 0.00	33.67 0.12 0.00	46.48 0.21 0.00	48.58 0.18 0.00	49.57 0.19 0.00	48.57 0.20 0.00	42.96 0.17 0.00	39.74 0.16 0.00
JENNISON__1 23625	36.81 1.85 0.00	37.03 1.96 0.00	38.15 2.11 0.00	34.67 1.99 0.00	44.55 2.61 0.00	61.43 3.84 0.00	65.91 4.32 0.00	44.67 2.55 0.00	30.55 1.34 0.00	29.61 1.03 0.00	31.43 1.13 0.00	28.96 0.92 0.00	28.66 0.93 0.00	28.99 0.87 0.00	31.10 0.96 0.00	32.12 1.06 0.00	32.68 1.18 0.00	35.21 1.66 0.00	49.46 2.63 -0.57	50.87 2.47 0.00	51.82 2.44 0.00	50.59 2.01 -0.21	44.69 1.50 -0.40	40.61 1.03 0.00
JENNISON__2 23626	36.81 1.85 0.00	37.03 1.96 0.00	38.15 2.11 0.00	34.67 1.99 0.00	44.55 2.61 0.00	61.43 3.84 0.00	65.91 4.32 0.00	44.67 2.55 0.00	30.55 1.34 0.00	29.61 1.03 0.00	31.43 1.13 0.00	28.96 0.92 0.00	28.66 0.93 0.00	28.99 0.87 0.00	31.10 0.96 0.00	32.12 1.06 0.00	32.68 1.18 0.00	35.21 1.66 0.00	49.46 2.63 -0.57	50.87 2.47 0.00	51.82 2.44 0.00	50.59 2.01 -0.21	44.69 1.50 -0.40	40.61 1.03 0.00
JERICHO_RISE_WT_PWR 323719	34.90 -0.05 0.00	34.95 -0.12 0.00	35.96 -0.08 0.00	32.65 -0.02 0.00	41.87 -0.07 0.00	57.41 -0.18 0.00	61.13 -0.46 0.00	41.92 -0.20 0.00	29.07 -0.14 0.00	28.42 -0.16 0.00	30.02 -0.27 0.00	27.72 -0.32 0.00	27.46 -0.27 0.00	27.88 -0.23 0.00	29.97 -0.16 0.00	30.85 -0.21 0.00	31.32 -0.18 0.00	33.44 -0.11 0.00	46.08 -0.18 0.00	48.37 -0.03 0.00	49.23 -0.15 0.00	48.15 -0.22 0.00	42.56 -0.23 0.00	39.03 -0.55 0.00
KATONAH__115KV_46KV_TB4 355592	36.68 1.73 0.00	36.74 1.67 0.00	37.70 1.66 0.00	34.12 1.45 0.00	43.68 1.74 0.00	59.99 2.39 0.00	64.44 2.85 0.00	44.63 2.51 0.00	31.08 1.88 0.00	30.50 1.92 0.00	32.29 2.00 0.00	29.95 1.91 0.00	29.54 1.81 0.00	29.90 1.78 0.00	31.97 1.83 0.00	32.98 1.93 0.00	33.45 1.95 0.00	35.53 1.97 0.00	48.92 2.65 0.00	51.00 2.61 0.00	52.16 2.79 0.00	51.03 2.66 0.00	45.13 2.34 0.00	41.71 2.13 0.00
KCE_NY_1 323755	36.41 1.45 0.00	36.51 1.44 0.00	37.46 1.42 0.00	34.01 1.33 0.00	43.69 1.75 0.00	59.95 2.36 0.00	64.12 2.53 0.00	43.75 1.63 0.00	30.37 1.17 0.00	29.57 0.99 0.00	31.17 0.88 0.00	28.80 0.76 0.00	28.47 0.74 0.00	28.87 0.76 0.00	31.00 0.86 0.00	31.82 0.77 0.00	32.37 0.88 0.00	34.63 1.07 0.00	48.00 1.74 0.00	50.23 1.84 0.00	51.26 1.88 0.00	50.34 1.97 0.00	44.51 1.72 0.00	41.20 1.62 0.00
KCE_NY_6_ESR 323823	34.04 -0.91 0.00	34.37 -0.70 0.00	35.08 -0.96 0.00	31.80 -0.87 0.00	40.89 -1.06 0.00	56.10 -1.50 0.00	60.01 -1.58 0.00	39.98 -2.14 0.00	27.76 -1.44 0.00	27.27 -1.30 0.00	29.56 -0.73 0.00	27.14 -0.90 0.00	26.70 -1.03 0.00	27.28 -0.83 0.00	29.34 -0.79 0.00	30.29 -0.76 0.00	30.52 -0.97 0.00	32.08 -1.48 0.00	42.25 -2.65 1.36	45.73 -2.67 0.00	46.98 -2.40 0.00	44.85 -3.01 0.50	39.15 -2.67 0.97	37.56 -2.02 0.00
KEDC_PORT_JEFF_GT2 24210	36.45 1.49 0.00	36.68 1.61 0.00	37.70 1.66 0.00	34.09 1.41 0.00	43.10 1.15 0.00	46.22 0.93 12.31	67.31 1.39 -4.33	27.08 1.78 16.83	25.68 1.45 4.97	30.38 1.80 0.00	32.85 2.50 -0.05	30.45 2.41 0.00	33.70 2.24 -3.73	30.37 2.25 0.00	32.33 2.19 0.00	33.27 2.22 0.00	33.48 1.98 0.00	36.34 1.81 -0.97	48.45 2.19 0.00	47.69 1.81 2.53	51.39 2.02 0.00	50.56 2.19 0.00	44.51 1.73 0.01	41.39 1.81 0.00
KEDC_PORT_JEFF_GT3 24211	36.45 1.49 0.00	36.68 1.61 0.00	37.70 1.66 0.00	34.09 1.41 0.00	43.10 1.15 0.00	46.22 0.93 12.31	67.31 1.39 -4.33	27.08 1.78 16.83	25.68 1.45 4.97	30.38 1.80 0.00	32.85 2.50 -0.05	30.45 2.41 0.00	33.70 2.24 -3.73	30.37 2.25 0.00	32.33 2.19 0.00	33.27 2.22 0.00	33.48 1.98 0.00	36.34 1.81 -0.97	48.45 2.19 0.00	47.69 1.81 2.53	51.39 2.02 0.00	50.56 2.19 0.00	44.51 1.73 0.01	41.39 1.81 0.00
KEDC_GLWD_GT4 24219	36.78 1.83 0.00	36.91 1.84 0.00	37.89 1.85 0.00	34.27 1.59 0.00	43.67 1.73 0.00	55.93 2.16 3.82	63.45 2.66 0.80	38.69 2.52 5.96	29.32 1.92 1.81	30.70 2.12 0.00	32.86 2.48 -0.09	30.42 2.38 0.00	33.70 2.24 -3.73	30.34 2.22 0.00	32.38 2.24 0.00	33.38 2.33 0.00	33.76 2.27 0.00	35.72 2.17 0.00	49.06 2.79 0.00	50.28 2.69 0.81	52.28 2.90 0.00	51.19 2.82 0.00	45.23 2.44 0.00	41.93 2.35 0.00
KEDC_GLWD_GTS 24220	36.78 1.83 0.00	36.91 1.84 0.00	37.89 1.85 0.00	34.27 1.59 0.00	43.67 1.73 0.00	55.93 2.16 3.82	63.45 2.66 0.80	38.69 2.52 5.96	29.32 1.92 1.81	30.70 2.12 0.00	32.86 2.48 -0.09	30.42 2.38 0.00	33.70 2.24 -3.73	30.34 2.22 0.00	32.38 2.24 0.00	33.38 2.33 0.00	33.76 2.27 0.00	35.72 2.17 0.00	49.06 2.79 0.00	50.28 2.69 0.81	52.28 2.90 0.00	51.19 2.82 0.00	45.23 2.44 0.00	41.93 2.35 0.00
KENSICO____ 23655	36.62 1.67 0.00	36.67 1.60 0.00	37.61 1.57 0.00	34.04 1.36 0.00	43.54 1.60 0.00	59.80 2.21 0.00	64.21 2.61 0.00	44.54 2.42 0.00	31.03 1.82 0.00	30.46 1.89 0.00	32.29 2.00 0.00	29.97 1.94 0.00	29.56 1.83 0.00	29.91 1.79 0.00	31.97 1.83 0.00	32.98 1.93 0.00	33.45 1.95 0.00	35.51 1.95 0.00	48.83 2.57 0.00	50.89 2.49 0.00	52.05 2.68 0.00	50.92 2.55 0.00	45.07 2.28 0.00	41.67 2.09 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.07 2.11 0.00	37.09 2.02 0.00	38.06 2.02 0.00	34.47 1.79 0.00	44.16 2.22 0.00	60.78 3.18 0.00	65.30 3.71 0.00	45.13 3.01 0.00	31.25 2.04 0.00	30.45 1.87 0.00	31.88 1.59 0.00	29.50 1.46 0.00	29.09 1.35 0.00	29.48 1.37 0.00	31.57 1.43 0.00	32.69 1.64 0.00	33.21 1.72 0.00	35.48 1.93 0.00	49.56 3.13 -0.16	51.59 3.19 0.00	52.77 3.39 0.00	51.62 3.19 -0.06	45.65 2.75 -0.12	42.01 2.44 0.00
KIAC_JFK_GT1 23816	36.41 1.46 0.00	36.58 1.51 0.00	37.51 1.47 0.00	33.94 1.27 0.00	43.39 1.45 0.00	59.45 1.86 0.00	63.64 2.06 0.02	44.29 2.18 0.00	30.93 1.73 0.00	30.54 1.96 0.00	32.46 2.17 0.00	30.26 2.23 0.00	29.70 1.97 0.00	30.00 1.89 0.00	32.02 1.89 0.00	33.04 1.99 0.00	33.47 1.98 0.00	35.42 1.87 0.00	48.64 2.38 0.00	50.67 2.27 0.00	51.86 2.48 0.00	50.71 2.34 0.00	44.98 2.20 0.00	41.68 2.10 0.00
KIAC_JFK_GT2 23817	36.41 1.46 0.00	36.58 1.51 0.00	37.51 1.47 0.00	33.94 1.27 0.00	43.39 1.45 0.00	59.45 1.86 0.00	63.64 2.06 0.02	44.29 2.18 0.00	30.93 1.73 0.00	30.54 1.96 0.00	32.46 2.17 0.00	30.26 2.23 0.00	29.70 1.97 0.00	30.00 1.89 0.00	32.02 1.89 0.00	33.04 1.99 0.00	33.47 1.98 0.00	35.42 1.87 0.00	48.64 2.38 0.00	50.67 2.27 0.00	51.86 2.48 0.00	50.71 2.34 0.00	44.98 2.20 0.00	41.68 2.10 0.00
KIAC_JFK____ 323774	36.41 1.46 0.00	36.58 1.51 0.00	37.51 1.47 0.00	33.94 1.27 0.00	43.39 1.45 0.00	59.44 1.85 0.00	63.64 2.06 0.02	44.29 2.17 0.00	30.93 1.72 0.00	30.53 1.96 0.00	32.45 2.16 0.00	30.26 2.22 0.00	29.70 1.97 0.00	30.00 1.89 0.00	32.02 1.89 0.00	33.04 1.99 0.00	33.48 1.99 0.00	35.42 1.86 0.00	48.64 2.38 0.00	50.67 2.27 0.00	51.85 2.48 0.00	50.71 2.34 0.00	44.98 2.20 0.00	41.67 2.10 0.00
KINTIGH_24_KV_GSU 356498	33.88 -1.07 0.00	34.10 -0.96 0.00	34.88 -1.16 0.00	31.63 -1.05 0.00	40.67 -1.27 0.00	55.71 -1.88 0.00	59.63 -1.97 0.00	39.93 -2.20 0.00	27.73 -1.48 0.00	27.27 -1.31 0.00	29.46 -0.83 0.00	27.12 -0.92 0.00	26.71 -1.01 0.00	27.27 -0.84 0.00	29.31 -0.83 0.00	30.21 -0.85 0.00	30.43 -1.07 0.00	32.00 -1.55 0.00	42.56 -2.66 1.04	45.69 -2.71 0.00	46.89 -2.49 0.00	45.05 -2.94 0.38	39.52 -2.53 0.74	37.78 -1.80 0.00
KINTIGH____ 23543	33.87 -1.09 0.00	34.09 -0.97 0.00	34.86 -1.18 0.00	31.61 -1.07 0.00	40.65 -1.29 0.00	55.66 -1.93 0.00	59.59 -1.99 0.00	39.89 -2.23 0.00	27.71 -1.49 0.00	27.26 -1.32 0.00	29.44 -0.85 0.00	27.10 -0.94 0.00	26.71 -1.02 0.00	27.25 -0.86 0.00	29.30 -0.84 0.00	30.19 -0.87 0.00	30.43 -1.07 0.00	31.99 -1.57 0.00	42.56 -2.67 1.04	45.67 -2.73 0.00	46.87 -2.51 0.00	45.03 -2.96 0.38	39.50 -2.55 0.74	37.76 -1.82 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.20 0.25 0.00	35.23 0.16 0.00	36.28 0.23 0.00	32.96 0.28 0.00	42.31 0.37 0.00	58.00 0.41 0.00	61.56 -0.03 0.00	42.22 0.10 0.00	29.25 0.05 0.00	28.60 0.03 0.00	30.18 -0.11 0.00	27.84 -0.20 0.00	27.55 -0.19 0.00	27.95 -0.17 0.00	30.08 -0.06 0.00	30.91 -0.14 0.00	31.40 -0.10 0.00	33.58 0.02 0.00	46.34 0.07 0.00	48.66 0.26 0.00	49.52 0.14 0.00	48.55 0.18 0.00	42.98 0.19 0.00	39.43 -0.15 0.00
LACHUTE__HYDRO 323717	37.87 2.91 0.00	37.66 2.58 0.00	38.83 2.79 0.00	35.36 2.68 0.00	45.65 3.71 0.00	62.65 5.05 0.00	66.99 5.40 0.00	45.18 3.06 0.00	31.27 2.06 0.00	30.12 1.54 0.00	31.58 1.29 0.00	28.81 0.77 0.00	28.26 0.53 0.00	28.72 0.61 0.00	31.09 0.95 0.00	31.71 0.66 0.00	32.57 1.07 0.00	34.87 1.31 0.00	49.07 2.81 0.00	51.69 3.29 0.00	52.77 3.39 0.00	52.30 3.93 0.00	45.96 3.17 0.00	42.83 3.25 0.00
LAWRNCV_115KV_TB1 80681	33.75 -1.21 0.00	33.85 -1.22 0.00	34.84 -1.20 0.00	31.69 -0.99 0.00	40.78 -1.16 0.00	56.05 -1.54 0.00	59.75 -1.84 0.00	40.75 -1.38 0.00	28.03 -1.17 0.00	27.40 -1.17 0.00	28.99 -1.30 0.00	26.82 -1.22 0.00	26.59 -0.19 0.00	26.96 -0.17 0.00	28.91 -1.22 0.00	29.83 -1.23 0.00	30.30 -1.20 0.00	32.43 -1.12 0.00	44.85 -1.41 0.00	47.19 -1.21 0.00	48.00 -1.38 0.00	46.77 -1.60 0.00	41.34 -1.45 0.00	38.18 -1.40 0.00
LEDERLE____ 23769	36.71 1.75 0.00	36.75 1.68 0.00	37.69 1.65 0.00	34.10 1.42 0.00	43.63 1.69 0.00	60.01 2.42 0.00	64.51 2.92 0.00	44.69 2.57 0.00	31.07 1.86 0.00	30.49 1.91 0.00	32.30 2.01 0.00	29.97 1.93 0.00	29.52 1.79 0.00	29.89 1.77 0.00	31.97 1.83 0.00	33.01 1.95 0.00	33.48 1.98 0.00	35.55 2.00 0.00	48.96 2.69 0.00	51.04 2.64 0.00	52.26 2.89 0.00	51.08 2.71 0.00	45.18 2.40 0.00	41.74 2.16 0.00
LIGHTHSE_115KV_TB6 355974	32.50 -2.46 0.00	32.92 -2.15 0.00	34.30 -1.74 0.00	31.37 -1.31 0.00	40.73 -1.21 0.00	55.97 -1.63 0.00	59.37 -2.21 0.00	39.58 -2.54 0.00	26.85 -2.36 0.00	26.31 -2.27 0.00	28.04 -2.25 0.00	26.00 -2.04 0.00	25.79 -1.94 0.00	26.13 -1.99 0.00	27.93 -2.20 0.00	28.82 -2.24 0.00	29.34 -2.15 0.00	31.72 -1.84 0.00	44.20 -2.06 0.00	46.50 -1.90 0.00	47.41 -1.97 0.00	45.83 -2.54 0.00	40.08 -2.71 0.00	37.17 -2.41 0.00
LINDEN COGEN____ 23786	36.65 1.70 0.00	36.67 1.60 0.00	37.59 1.55 0.00	34.00 1.33 0.00	43.47 1.53 0.00	59.67 2.08 0.00	64.04 2.46 0.01	44.58 2.45 0.00	31.10 1.90 0.00	30.56 1.99 0.00	32.43 2.14 0.00	30.11 2.07 0.00	29.71 1.98 0.00	30.04 1.92 0.00	32.08 1.94 0.00	33.11 2.05 0.00	33.59 2.09 0.00	35.64 2.08 0.00	48.93 2.67 0.00	50.94 2.54 0.00	52.10 2.72 0.00	50.96 2.59 0.00	45.16 2.37 0.00	41.74 2.16 0.00
LINDHRST_69_KV_BK1 356055	36.85 1.90 0.00	37.05 1.98 0.00	38.07 2.03 0.00	34.42 1.74 0.00	43.66 1.72 0.00	49.55 1.95 9.99	63.82 2.53 0.30	29.91 2.51 14.72	26.69 1.93 4.45	30.77 2.19 0.00	33.12 2.77 -0.06	30.65 2.61 0.00	33.87 2.41 -3.73	30.51 2.40 0.00	32.50 2.37 0.00	33.50 2.44 0.00	33.85 2.36 0.00	35.96 2.16 -0.25	49.05 2.79 0.00	49.07 2.75 2.08	52.35 2.97 0.00	51.34 2.97 0.00	45.24 2.46 0.01	42.07 2.49 0.00
LIPA_MISC_IPP 23656	36.51 1.55 0.00	36.72 1.65 0.00	37.75 1.71 0.00	34.14 1.47 0.00	43.23 1.29 0.00	46.56 1.29 12.33	69.33 1.79 -5.95	27.40 1.99 16.71	25.90 1.59 4.89	30.48 1.90 0.00	32.94 2.60 -0.05	30.51 2.48 0.00	33.76 2.31 -3.73	30.45 2.33 0.00	32.32 2.18 0.00	33.30 2.24 0.00	33.56 2.06 0.00	36.74 1.98 -1.21	48.55 2.29 0.00	47.59 1.73 2.54	51.30 1.93 0.00	50.63 2.26 0.00	44.49 1.71 0.01	41.36 1.78 0.00
LISF__SOLAR 323691	36.58 1.63 0.00	36.79 1.72 0.00	37.82 1.78 0.00	34.21 1.53 0.00	43.30 1.36 0.00	46.62 1.34 12.32	69.24 1.91 -5.74	27.44 2.03 16.71	25.91 1.59 4.89	30.49 1.91 0.00	32.97 2.63 -0.05	30.53 2.49 0.00	33.79 2.34 -3.73	30.48 2.36 0.00	32.34 2.21 0.00	33.31 2.26 0.00	33.60 2.11 0.00	36.78 2.05 -1.18	48.66 2.39 0.00	47.68 1.82 2.54	51.40 2.03 0.00	50.73 2.36 0.00	44.58 1.79 0.01	41.43 1.85 0.00

LITTLE FALLS___HYD 24013	36.45 1.50 0.00	36.67 1.60 0.00	37.67 1.63 0.00	34.19 1.51 0.00	43.92 1.98 0.00	60.44 2.84 0.00	64.47 2.88 0.00	43.18 1.06 0.00	29.32 0.12 0.00	28.30 -0.28 0.00	29.77 -0.52 0.00	27.52 -0.52 0.00	27.20 -0.53 0.00	27.62 -0.50 0.00	29.53 -0.60 0.00	30.55 -0.50 0.00	31.34 -0.16 0.00	34.11 0.55 0.00	47.59 1.33 0.00	50.22 1.82 0.00	51.23 1.85 0.00	49.89 1.52 0.00	44.14 1.35 0.00	40.81 1.23 0.00
LITTLRIV_115KV_TB1 356100	34.12 -0.84 0.00	34.23 -0.85 0.00	35.21 -0.83 0.00	32.05 -0.63 0.00	41.27 -0.68 0.00	56.76 -0.83 0.00	60.52 -1.07 0.00	41.10 -1.03 0.00	28.16 -1.05 0.00	27.49 -1.09 0.00	29.09 -1.20 0.00	26.90 -1.14 0.00	26.65 -1.08 0.00	27.02 -1.09 0.00	28.99 -1.15 0.00	29.90 -1.16 0.00	30.38 -1.12 0.00	32.56 -0.99 0.00	45.15 -1.11 0.00	47.77 -0.63 0.00	48.64 -0.74 0.00	47.37 -1.00 0.00	41.85 -0.94 0.00	38.65 -0.93 0.00
LI_NEWBRDGE___DRP 323616	36.33 1.37 0.00	36.54 1.47 0.00	37.54 1.50 0.00	33.95 1.27 0.00	43.10 1.15 0.00	45.20 1.20 13.59	60.66 1.64 2.57	24.75 1.90 19.28	24.80 1.50 5.91	30.37 1.80 0.00	32.67 2.33 -0.05	30.28 2.25 0.00	33.54 2.09 -3.73	30.18 2.06 0.00	32.17 2.03 0.00	33.13 2.08 0.00	33.43 1.93 0.00	35.26 1.71 0.00	48.37 2.11 0.00	47.59 1.94 2.75	51.51 2.14 0.00	50.52 2.16 0.00	44.61 1.83 0.01	41.46 1.88 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.45 -1.50 0.00	33.70 -1.38 0.00	34.41 -1.64 0.00	31.21 -1.47 0.00	40.22 -1.73 0.00	55.21 -2.39 0.00	59.14 -2.45 0.00	39.42 -2.71 0.00	27.37 -1.84 0.00	26.90 -1.68 0.00	29.12 -1.17 0.00	26.75 -1.29 0.00	26.34 -1.39 0.00	26.95 -1.17 0.00	29.00 -1.13 0.00	29.89 -1.17 0.00	30.15 -1.35 0.00	31.68 -1.88 0.00	41.93 -3.20 1.14	45.11 -3.29 0.00	46.30 -3.08 0.00	44.35 -3.59 0.42	38.95 -3.03 0.81	37.40 -2.18 0.00
LOCKPORT___CC1 323769	33.47 -1.49 0.00	33.71 -1.37 0.00	34.43 -1.61 0.00	31.23 -1.45 0.00	40.22 -1.73 0.00	55.21 -2.39 0.00	59.10 -2.49 0.00	39.39 -2.73 0.00	27.35 -1.85 0.00	26.90 -1.68 0.00	29.13 -1.16 0.00	26.76 -1.28 0.00	26.36 -1.37 0.00	26.95 -1.16 0.00	29.01 -1.13 0.00	29.90 -1.16 0.00	30.13 -1.37 0.00	31.66 -1.89 0.00	41.87 -3.24 1.16	45.08 -3.32 0.00	46.27 -3.11 0.00	44.32 -3.62 0.43	38.89 -3.08 0.83	37.36 -2.22 0.00
LOCKPORT___CC2 323770	33.47 -1.49 0.00	33.71 -1.37 0.00	34.43 -1.61 0.00	31.23 -1.45 0.00	40.22 -1.73 0.00	55.21 -2.39 0.00	59.10 -2.49 0.00	39.39 -2.73 0.00	27.35 -1.85 0.00	26.90 -1.68 0.00	29.13 -1.16 0.00	26.76 -1.28 0.00	26.36 -1.37 0.00	26.95 -1.16 0.00	29.01 -1.13 0.00	29.90 -1.16 0.00	30.13 -1.37 0.00	31.66 -1.89 0.00	41.87 -3.24 1.16	45.08 -3.32 0.00	46.27 -3.11 0.00	44.32 -3.62 0.43	38.89 -3.08 0.83	37.36 -2.22 0.00
LOCKPORT___CC3 323771	33.47 -1.49 0.00	33.71 -1.37 0.00	34.43 -1.61 0.00	31.23 -1.45 0.00	40.22 -1.73 0.00	55.21 -2.39 0.00	59.10 -2.49 0.00	39.39 -2.73 0.00	27.35 -1.85 0.00	26.90 -1.68 0.00	29.13 -1.16 0.00	26.76 -1.28 0.00	26.36 -1.37 0.00	26.95 -1.16 0.00	29.01 -1.13 0.00	29.90 -1.16 0.00	30.13 -1.37 0.00	31.66 -1.89 0.00	41.87 -3.24 1.16	45.08 -3.32 0.00	46.27 -3.11 0.00	44.32 -3.62 0.43	38.89 -3.08 0.83	37.36 -2.22 0.00
LOCUSVLY_69_KV_BK2 55797	36.76 1.81 0.00	36.93 1.86 0.00	37.91 1.87 0.00	34.29 1.61 0.00	43.62 1.67 0.00	53.52 2.03 6.10	61.08 2.54 3.05	35.29 2.48 9.31	28.20 1.89 2.89	30.73 2.15 0.00	32.96 2.59 -0.08	30.51 2.48 0.00	33.76 2.31 -3.73	30.42 2.30 0.00	32.44 2.31 0.00	33.45 2.39 0.00	33.77 2.27 0.00	35.42 2.13 0.27	48.99 2.73 0.00	49.77 2.62 1.26	52.20 2.83 0.00	51.15 2.78 0.00	45.16 2.37 0.00	41.94 2.36 0.00
LONG_LAKE_PHOENIX 24014	33.88 -1.08 0.00	33.99 -1.08 0.00	34.93 -1.11 0.00	31.67 -1.01 0.00	40.67 -1.27 0.00	55.96 -1.64 0.00	59.97 -1.62 0.00	40.89 -1.23 0.00	28.30 -0.90 0.00	27.70 -0.88 0.00	29.47 -0.82 0.00	27.26 -0.78 0.00	26.93 -0.80 0.00	27.25 -0.86 0.00	29.18 -0.96 0.00	30.11 -0.95 0.00	30.59 -0.91 0.00	32.61 -0.94 0.00	44.95 -1.32 0.00	46.96 -1.44 0.00	47.95 -1.43 0.00	47.00 -1.37 0.00	41.51 -1.28 0.00	38.38 -1.19 0.00
LOVETT___3 23632	36.49 1.54 0.00	36.55 1.47 0.00	37.48 1.44 0.00	33.92 1.24 0.00	43.40 1.46 0.00	59.65 2.05 0.00	64.04 2.45 0.00	44.39 2.27 0.00	30.88 1.67 0.00	30.30 1.73 0.00	32.11 1.82 0.00	29.79 1.76 0.00	29.36 1.63 0.00	29.72 1.61 0.00	31.77 1.64 0.00	32.80 1.74 0.00	33.26 1.77 0.00	35.33 1.78 0.00	48.63 2.37 0.00	50.69 2.29 0.00	51.89 2.51 0.00	50.75 2.38 0.00	44.91 2.12 0.00	41.51 1.93 0.00
LOVETT___4 23642	36.49 1.54 0.00	36.55 1.47 0.00	37.48 1.44 0.00	33.92 1.24 0.00	43.40 1.46 0.00	59.65 2.05 0.00	64.04 2.45 0.00	44.39 2.27 0.00	30.88 1.67 0.00	30.30 1.73 0.00	32.11 1.82 0.00	29.79 1.76 0.00	29.36 1.63 0.00	29.72 1.61 0.00	31.77 1.64 0.00	32.80 1.74 0.00	33.26 1.77 0.00	35.33 1.78 0.00	48.63 2.37 0.00	50.69 2.29 0.00	51.89 2.51 0.00	50.75 2.38 0.00	44.91 2.12 0.00	41.51 1.93 0.00
LOVETT___5 23593	36.49 1.54 0.00	36.55 1.47 0.00	37.48 1.44 0.00	33.92 1.24 0.00	43.40 1.46 0.00	59.65 2.05 0.00	64.04 2.45 0.00	44.39 2.27 0.00	30.88 1.67 0.00	30.30 1.73 0.00	32.11 1.82 0.00	29.79 1.76 0.00	29.36 1.63 0.00	29.72 1.61 0.00	31.77 1.64 0.00	32.80 1.74 0.00	33.26 1.77 0.00	35.33 1.78 0.00	48.63 2.37 0.00	50.69 2.29 0.00	51.89 2.51 0.00	50.75 2.38 0.00	44.91 2.12 0.00	41.51 1.93 0.00
LOWER RAQUET___HYD 24057	33.46 -1.49 0.00	33.57 -1.51 0.00	34.57 -1.47 0.00	31.46 -1.22 0.00	40.51 -1.43 0.00	55.67 -1.93 0.00	59.34 -2.25 0.00	40.42 -1.70 0.00	27.77 -1.43 0.00	27.15 -1.43 0.00	28.72 -1.57 0.00	26.57 -1.48 0.00	26.34 -1.39 0.00	26.71 -1.41 0.00	28.65 -1.49 0.00	29.55 -1.50 0.00	30.03 -1.47 0.00	32.17 -1.39 0.00	44.52 -1.74 0.00	46.87 -1.53 0.00	47.69 -1.69 0.00	46.42 -1.95 0.00	41.02 -1.76 0.00	37.88 -1.69 0.00
LOWER___HUDSON 24059	36.11 1.15 0.00	36.23 1.16 0.00	37.19 1.15 0.00	33.72 1.05 0.00	43.27 1.33 0.00	59.24 1.65 0.00	63.29 1.70 0.00	43.35 1.22 0.00	30.24 1.03 0.00	29.54 0.96 0.00	31.15 0.86 0.00	28.79 0.76 0.00	28.50 0.77 0.00	28.89 0.77 0.00	31.04 0.90 0.00	31.86 0.81 0.00	32.31 0.81 0.00	34.39 0.84 0.00	47.60 1.34 0.00	49.60 1.20 0.00	50.64 1.26 0.00	49.82 1.45 0.00	44.09 1.30 0.00	40.82 1.24 0.00
LOWVILLE_115KV_TB2 356335	33.17 -1.79 0.00	33.65 -1.43 0.00	35.10 -0.94 0.00	32.19 -0.49 0.00	41.86 -0.09 0.00	57.68 0.09 0.00	61.24 -0.35 0.00	40.86 -1.26 0.00	27.71 -1.50 0.00	26.97 -1.61 0.00	28.74 -1.55 0.00	26.58 -1.46 0.00	26.38 -1.35 0.00	26.74 -1.37 0.00	28.65 -1.49 0.00	29.61 -1.45 0.00	30.29 -1.21 0.00	32.73 -0.83 0.00	45.68 -0.58 0.00	47.94 -0.46 0.00	48.73 -0.65 0.00	46.93 -1.44 0.00	40.88 -1.91 0.00	37.98 -1.60 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	36.38 1.42 0.00	36.47 1.40 0.00	37.45 1.41 0.00	33.98 1.31 0.00	43.65 1.71 0.00	59.86 2.27 0.00	64.02 2.44 0.00	43.71 1.58 0.00	30.34 1.13 0.00	29.54 0.96 0.00	31.14 0.85 0.00	28.77 0.74 0.00	28.45 0.72 0.00	28.85 0.74 0.00	30.96 0.82 0.00	31.79 0.74 0.00	32.33 0.83 0.00	34.58 1.02 0.00	47.96 1.70 0.00	50.15 1.75 0.00	51.18 1.81 0.00	50.27 1.90 0.00	44.47 1.69 0.00	41.16 1.58 0.00
LUTHERNY_35_KV_BK2 355980	36.41 1.45 0.00	36.51 1.44 0.00	37.46 1.42 0.00	34.01 1.33 0.00	43.69 1.75 0.00	59.96 2.36 0.00	64.12 2.53 0.00	43.75 1.63 0.00	30.37 1.17 0.00	29.57 0.99 0.00	31.17 0.88 0.00	28.80 0.76 0.00	28.47 0.74 0.00	28.87 0.76 0.00	31.00 0.86 0.00	31.82 0.77 0.00	32.37 0.87 0.00	34.63 1.07 0.00	48.00 1.74 0.00	50.23 1.84 0.00	51.27 1.89 0.00	50.33 1.96 0.00	44.51 1.72 0.00	41.20 1.62 0.00
LWR__OSWEGATCHIE_HYD 23850	32.76 -2.19 0.00	33.05 -2.02 0.00	34.27 -1.78 0.00	31.31 -1.37 0.00	40.53 -1.41 0.00	55.80 -1.79 0.00	59.33 -2.26 0.00	39.96 -2.16 0.00	27.25 -1.95 0.00	26.60 -1.98 0.00	28.23 -2.06 0.00	26.10 -1.93 0.00	25.92 -1.81 0.00	26.28 -1.84 0.00	28.15 -1.99 0.00	29.07 -1.99 0.00	29.64 -1.86 0.00	31.91 -1.64 0.00	44.38 -1.88 0.00	46.68 -1.72 0.00	47.48 -1.90 0.00	45.94 -2.42 0.00	40.31 -2.47 0.00	37.32 -2.26 0.00
LYONS_FALL_HYD 23570	34.11 -0.84 0.00	34.49 -0.58 0.00	35.81 -0.23 0.00	32.73 0.06 0.00	42.40 0.45 0.00	58.42 0.82 0.00	62.21 0.61 0.00	41.73 -0.39 0.00	28.39 -0.81 0.00	27.64 -0.94 0.00	29.44 -0.85 0.00	27.22 -0.82 0.00	26.97 -0.76 0.00	27.31 -0.80 0.00	29.27 -0.87 0.00	30.24 -0.82 0.00	30.95 -0.55 0.00	33.36 -0.19 0.00	46.49 0.23 0.00	48.75 0.36 0.00	49.62 0.24 0.00	48.01 -0.36 0.00	41.98 -0.81 0.00	38.92 -0.66 0.00
MADISON__COUNTY_LFGE 323628	35.64 0.68 0.00	35.82 0.75 0.00	36.89 0.85 0.00	33.52 0.84 0.00	43.14 1.20 0.00	59.41 1.81 0.00	63.60 2.01 0.00	43.05 0.93 0.00	29.45 0.25 0.00	28.69 0.11 0.00	30.57 0.28 0.00	28.28 0.24 0.00	27.92 0.19 0.00	28.23 0.11 0.00	30.27 0.13 0.00	31.22 0.16 0.00	31.90 0.41 0.00	34.28 0.73 0.00	47.56 1.30 0.00	49.83 1.43 0.00	50.81 1.43 0.00	49.60 1.24 0.00	43.65 0.86 0.00	40.32 0.74 0.00
MALONE__115KV_TB1 356076	34.86 -0.09 0.00	34.91 -0.16 0.00	35.93 -0.11 0.00	32.66 -0.02 0.00	41.92 -0.03 0.00	57.51 -0.09 0.00	61.27 -0.31 0.00	42.05 -0.07 0.00	29.03 -0.17 0.00	28.36 -0.22 0.00	29.95 -0.34 0.00	27.58 -0.46 0.00	27.33 -0.40 0.00	27.72 -0.39 0.00	29.78 -0.36 0.00	30.65 -0.41 0.00	31.15 -0.35 0.00	33.34 -0.21 0.00	46.03 -0.23 0.00	48.38 -0.02 0.00	49.27 -0.11 0.00	48.10 -0.26 0.00	42.51 -0.27 0.00	39.00 -0.58 0.00
MAPLEWOD_115KV_TB3 80458	35.98 1.02 0.00	36.13 1.06 0.00	37.13 1.08 0.00	33.63 0.95 0.00	43.10 1.16 0.00	59.02 1.42 0.00	63.10 1.51 0.00	43.31 1.19 0.00	30.18 0.97 0.00	29.50 0.92 0.00	31.15 0.85 0.00	28.83 0.79 0.00	28.53 0.80 0.00	28.95 0.83 0.00	31.04 0.90 0.00	31.90 0.84 0.00	32.36 0.86 0.00	34.42 0.86 0.00	47.48 1.22 0.00	49.49 1.09 0.00	50.56 1.18 0.00	49.68 1.31 0.00	43.95 1.17 0.00	40.66 1.08 0.00
MAPLE_RIDGE_WT_1 323574	34.67 -0.28 0.00	34.81 -0.26 0.00	35.82 -0.22 0.00	32.50 -0.17 0.00	41.75 -0.20 0.00	57.32 -0.27 0.00	61.19 -0.40 0.00	41.82 -0.30 0.00	28.98 -0.23 0.00	28.33 -0.25 0.00	30.02 -0.27 0.00	27.80 -0.24 0.00	27.50 -0.23 0.00	27.93 -0.18 0.00	29.94 -0.20 0.00	30.86 -0.19 0.00	31.32 -0.18 0.00	33.37 -0.18 0.00	46.02 -0.25 0.00	48.02 -0.38 0.00	48.76 -0.62 0.00	47.55 -0.82 0.00	42.01 -0.78 0.00	38.94 -0.63 0.00
MAPLE_RIDGE_WT_2 323611	34.67 -0.28 0.00	34.81 -0.26 0.00	35.82 -0.22 0.00	32.50 -0.17 0.00	41.75 -0.20 0.00	57.32 -0.27 0.00	61.19 -0.40 0.00	41.82 -0.30 0.00	28.98 -0.23 0.00	28.33 -0.25 0.00	30.02 -0.27 0.00	27.80 -0.24 0.00	27.50 -0.23 0.00	27.93 -0.18 0.00	29.94 -0.20 0.00	30.86 -0.19 0.00	31.32 -0.18 0.00	33.37 -0.18 0.00	46.02 -0.25 0.00	48.02 -0.38 0.00	48.76 -0.62 0.00	47.55 -0.82 0.00	42.01 -0.78 0.00	38.94 -0.63 0.00
MARBLE_RIVER_WT_PWR 323696	34.90 -0.05 0.00	34.95 -0.12 0.00	35.96 -0.08 0.00	32.66 -0.02 0.00	41.90 -0.04 0.00	57.45 -0.15 0.00	61.14 -0.45 0.00	41.91 -0.21 0.00	29.07 -0.13 0.00	28.42 -0.16 0.00	30.03 -0.26 0.00	27.74 -0.30 0.00	27.46 -0.26 0.00	27.88 -0.23 0.00	29.97 -0.16 0.00	30.85 -0.20 0.00	31.32 -0.18 0.00	33.44 -0.11 0.00	46.08 -0.18 0.00	48.35 -0.05 0.00	49.21 -0.17 0.00	48.15 -0.22 0.00	42.59 -0.20 0.00	39.10 -0.48 0.00
MARSHVLE_115KV_TB1 80742	36.58 1.62 0.00	36.67 1.59 0.00	37.75 1.71 0.00	34.24 1.56 0.00	44.03 2.08 0.00	60.62 3.02 0.00	65.00 3.41 0.00	43.82 1.69 0.00	29.90 0.70 0.00	29.14 0.56 0.00	30.89 0.60 0.00	28.52 0.48 0.00	28.29 0.57 0.00	28.78 0.67 0.00	30.90 0.76 0.00	32.06 1.00 0.00	32.64 1.14 0.00	34.98 1.42 0.00	48.61 2.18 0.00	50.67 2.27 0.00	51.90 2.53 0.00	50.77 2.34 0.00	44.97 2.06 0.00	41.38 1.80 0.00
MARSH_HILL_WT_PWR 323713	35.07 0.11 0.00	35.53 0.46 0.00	36.33 0.29 0.00	32.95 0.27 0.00	42.31 0.37 0.00	58.02 0.42 0.00	61.74 0.15 0.00	40.54 -1.59 0.00	27.80 -1.40 0.00	27.42 -1.16 0.00	29.65 -0.64 0.00	27.11 -0.93 0.00	26.44 -1.29 0.00	26.79 -1.33 0.00	28.97 -1.17 0.00	30.04 -1.02 0.00	30.75 -0.75 0.00	32.68 -0.87 0.00	42.55 -1.73 0.00	46.01 -2.39 0.00	46.89 -2.49 0.00	44.38 -3.25 0.00	38.05 -3.33 0.00	36.86 -2.72 0.00
MCINTYRE_115KV_TB2 80467	34.77 -0.18 0.00	34.87 -0.20 0.00	35.85 -0.19 0.00	32.61 -0.06 0.00	41.99 0.05 0.00	57.78 0.18 0.00	61.65 0.06 0.00	41.77 -0.35 0.00	28.57 -0.64 0.00	27.88 -0.69 0.00	29.52 -0.77 0.00	27.29 -0.75 0.00	27.03 -0.70 0.00	27.41 -0.71 0.00	29.40 -0.74 0.00	30.34 -0.72 0.00	30.80 -0.70 0.00	33.01 -0.54 0.00	45.80 -0.46 0.00	48.62 0.22 0.00	49.54 0.17 0.00	48.26 -0.11 0.00	42.67 -0.12 0.00	39.40 -0.18 0.00
MECO____69_KV_BK1 80468	37.08 2.13 0.00	37.17 2.10 0.00	38.25 2.21 0.00	34.67 1.99 0.00	44.59 2.64 0.00	61.42 3.82 0.00	65.92 4.33 0.00	44.28 2.16 0.00	29.95 0.74 0.00	28.96 0.39 0.00	30.59 0.30 0.00	28.27 0.23 0.00	28.01 0.28 0.00	28.54 0.42 0.00	30.56 0.42 0.00	31.53 0.47 0.00	32.30 0.80 0.00	35.16 1.61 0.00	48.96 2.70 0.00	51.46 3.06 0.00	52.75 3.37 0.00	51.51 3.14 0.00	45.47 2.68 0.00	41.92 2.34 0.00
MENANDS__115KV_TB5 355628	35.83 0.87 0.00	35.99 0.92 0.00	36.99 0.95 0.00	33.50 0.82 0.00	42.91 0.97 0.00	58.74 1.14 0.00	62.79 1.20 0.00	43.13 1.01 0.00	30.08 0.87 0.00	29.44 0.86 0.00	31.08 0.79 0.00	28.79 0.75 0.00	28.48 0.75 0.00	28.89 0.78 0.00	30.99 0.85 0.00	31.84 0.79 0.00	32.29 0.79 0.00	34.30 0.74 0.00	47.26 1.00 0.00	49.23 0.83 0.00	50.27 0.89 0.00	49.42 1.05 0.00	43.74 0.95 0.00	40.47 0.89 0.00

MG INDUSTRY___DRP 24185	35.81 0.86 0.00	36.04 0.97 0.00	37.09 1.05 0.00	33.59 0.91 0.00	43.05 1.11 0.00	58.96 1.37 0.00	62.98 1.39 0.00	43.10 0.98 0.00	29.89 0.69 0.00	29.22 0.64 0.00	30.89 0.60 0.00	28.67 0.63 0.00	28.33 0.60 0.00	28.77 0.66 0.00	30.81 0.68 0.00	31.73 0.68 0.00	32.18 0.68 0.00	34.21 0.65 0.00	47.18 0.92 0.00	49.20 0.80 0.00	50.24 0.86 0.00	49.35 0.98 0.00	43.68 0.89 0.00	40.43 0.85 0.00
MID___OSWEGATCHIE_HYD 23849	32.76 -2.19 0.00	33.05 -2.02 0.00	34.27 -1.78 0.00	31.31 -1.37 0.00	40.53 -1.41 0.00	55.80 -1.79 0.00	59.33 -2.26 0.00	39.96 -2.16 0.00	27.25 -1.95 0.00	26.60 -1.98 0.00	28.23 -2.06 0.00	26.10 -1.93 0.00	25.92 -1.81 0.00	26.28 -1.84 0.00	28.15 -1.99 0.00	29.07 -1.99 0.00	29.64 -1.86 0.00	31.91 -1.64 0.00	44.38 -1.88 0.00	46.68 -1.72 0.00	47.48 -1.90 0.00	45.94 -2.42 0.00	40.31 -2.47 0.00	37.32 -2.26 0.00
MID___RAQUETTE_HYD 23851	33.46 -1.49 0.00	33.56 -1.51 0.00	34.57 -1.47 0.00	31.46 -1.22 0.00	40.51 -1.43 0.00	55.67 -1.93 0.00	59.33 -2.26 0.00	40.42 -1.70 0.00	27.77 -1.43 0.00	27.15 -1.43 0.00	28.72 -1.57 0.00	26.57 -1.48 0.00	26.34 -1.39 0.00	26.70 -1.41 0.00	28.65 -1.49 0.00	29.55 -1.51 0.00	30.03 -1.47 0.00	32.17 -1.39 0.00	44.52 -1.75 0.00	46.87 -1.53 0.00	47.69 -1.69 0.00	46.42 -1.95 0.00	41.02 -1.76 0.00	37.88 -1.70 0.00
MILLIKEN___1 23584	35.66 0.71 0.00	35.82 0.75 0.00	36.79 0.75 0.00	33.37 0.69 0.00	42.86 0.91 0.00	59.01 1.41 0.00	63.33 1.74 0.00	42.97 0.85 0.00	29.46 0.25 0.00	28.62 0.04 0.00	30.44 0.15 0.00	28.15 0.11 0.00	27.76 0.03 0.00	28.03 -0.08 0.00	30.02 -0.11 0.00	31.01 -0.04 0.00	31.74 0.24 0.00	33.93 0.37 0.00	46.60 0.78 0.44	49.24 0.84 0.00	50.30 0.92 0.00	48.93 0.72 0.16	42.96 0.49 0.32	39.97 0.39 0.00
MILLIKEN___2 23585	35.66 0.71 0.00	35.82 0.75 0.00	36.79 0.75 0.00	33.37 0.69 0.00	42.86 0.91 0.00	59.01 1.41 0.00	63.33 1.74 0.00	42.97 0.85 0.00	29.46 0.25 0.00	28.62 0.04 0.00	30.44 0.15 0.00	28.15 0.11 0.00	27.76 0.03 0.00	28.03 -0.08 0.00	30.02 -0.11 0.00	31.01 -0.04 0.00	31.74 0.24 0.00	33.93 0.37 0.00	46.60 0.78 0.44	49.24 0.84 0.00	50.30 0.92 0.00	48.93 0.72 0.16	42.96 0.49 0.32	39.97 0.39 0.00
MILLIKEN___DIESEL 23629	35.66 0.71 0.00	35.82 0.75 0.00	36.79 0.75 0.00	33.37 0.69 0.00	42.86 0.91 0.00	59.01 1.41 0.00	63.33 1.74 0.00	42.97 0.85 0.00	29.46 0.25 0.00	28.62 0.04 0.00	30.44 0.15 0.00	28.15 0.11 0.00	27.76 0.03 0.00	28.03 -0.08 0.00	30.02 -0.11 0.00	31.01 -0.04 0.00	31.74 0.24 0.00	33.93 0.37 0.00	46.60 0.78 0.44	49.24 0.84 0.00	50.30 0.92 0.00	48.93 0.72 0.16	42.96 0.49 0.32	39.97 0.39 0.00
MILLSEAT___LFGE 323607	34.30 -0.66 0.00	34.52 -0.55 0.00	35.28 -0.76 0.00	32.00 -0.68 0.00	41.24 -0.70 0.00	56.80 -0.79 0.00	60.95 -0.64 0.00	40.73 -1.40 0.00	28.13 -1.07 0.00	27.57 -1.00 0.00	29.67 -0.62 0.00	27.10 -0.93 0.00	26.67 -1.06 0.00	27.26 -0.85 0.00	29.33 -0.81 0.00	30.42 -0.63 0.00	30.84 -0.65 0.00	32.66 -0.89 0.00	43.40 -1.81 1.06	46.61 -1.80 0.00	47.84 -1.54 0.00	45.88 -2.09 0.39	40.22 -1.82 0.75	38.39 -1.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.56 1.61 0.00	36.61 1.55 0.00	37.56 1.52 0.00	33.99 1.31 0.00	43.49 1.55 0.00	59.74 2.15 0.00	64.13 2.54 0.00	44.47 2.34 0.00	30.96 1.76 0.00	30.40 1.82 0.00	32.21 1.92 0.00	29.89 1.85 0.00	29.46 1.73 0.00	29.82 1.71 0.00	31.88 1.75 0.00	32.90 1.84 0.00	33.36 1.86 0.00	35.43 1.87 0.00	48.74 2.48 0.00	50.80 2.40 0.00	51.97 2.60 0.00	50.84 2.47 0.00	45.00 2.21 0.00	41.60 2.02 0.00
MILLWOOD_13_KV_LOAD 356217	36.62 1.67 0.00	36.68 1.61 0.00	37.63 1.59 0.00	34.05 1.37 0.00	43.56 1.62 0.00	59.84 2.25 0.00	64.27 2.69 0.00	44.55 2.43 0.00	31.01 1.81 0.00	30.44 1.86 0.00	32.25 1.96 0.00	29.92 1.88 0.00	29.49 1.76 0.00	29.85 1.74 0.00	31.91 1.78 0.00	32.93 1.87 0.00	33.39 1.89 0.00	35.48 1.92 0.00	48.83 2.57 0.00	50.90 2.50 0.00	52.08 2.70 0.00	50.94 2.57 0.00	45.07 2.28 0.00	41.66 2.08 0.00
MODEL_CITY_ENERGY 24167	33.08 -1.88 0.00	33.32 -1.75 0.00	34.03 -2.01 0.00	30.88 -1.80 0.00	39.78 -2.16 0.00	54.61 -2.98 0.00	58.44 -3.16 0.00	38.96 -3.16 0.00	27.06 -2.14 0.00	26.62 -1.95 0.00	28.85 -1.44 0.00	26.50 -1.54 0.00	26.13 -1.60 0.00	26.72 -1.40 0.00	28.75 -1.39 0.00	29.61 -1.45 0.00	29.81 -1.69 0.00	31.31 -2.25 0.00	41.35 -3.74 1.18	44.55 -3.85 0.00	45.71 -3.67 0.00	43.79 -4.15 0.44	38.46 -3.49 0.84	37.01 -2.57 0.00
MODERN_LFGE___ 323580	33.08 -1.88 0.00	33.32 -1.75 0.00	34.03 -2.01 0.00	30.88 -1.80 0.00	39.78 -2.16 0.00	54.61 -2.98 0.00	58.44 -3.16 0.00	38.96 -3.16 0.00	27.06 -2.14 0.00	26.62 -1.95 0.00	28.85 -1.44 0.00	26.50 -1.54 0.00	26.13 -1.60 0.00	26.72 -1.40 0.00	28.75 -1.39 0.00	29.61 -1.45 0.00	29.81 -1.69 0.00	31.31 -2.25 0.00	41.35 -3.74 1.18	44.55 -3.85 0.00	45.71 -3.67 0.00	43.79 -4.15 0.44	38.46 -3.49 0.84	37.01 -2.57 0.00
MOHAWK_PAPER___DRP 24187	35.98 1.02 0.00	36.13 1.06 0.00	37.13 1.08 0.00	33.63 0.95 0.00	43.10 1.16 0.00	59.02 1.42 0.00	63.10 1.51 0.00	43.31 1.19 0.00	30.18 0.97 0.00	29.50 0.92 0.00	31.15 0.85 0.00	28.83 0.79 0.00	28.53 0.80 0.00	28.95 0.83 0.00	31.04 0.90 0.00	31.90 0.84 0.00	32.36 0.86 0.00	34.42 0.86 0.00	47.48 1.22 0.00	49.49 1.09 0.00	50.56 1.18 0.00	49.68 1.31 0.00	43.95 1.17 0.00	40.66 1.08 0.00
MOHICAN_35_KV_115KV_LD 80490	36.42 1.47 0.00	36.46 1.39 0.00	37.47 1.43 0.00	34.04 1.36 0.00	43.78 1.84 0.00	60.07 2.48 0.00	64.27 2.68 0.00	43.77 1.65 0.00	30.36 1.15 0.00	29.43 0.86 0.00	30.97 0.68 0.00	28.50 0.47 0.00	28.17 0.45 0.00	28.51 0.39 0.00	30.63 0.49 0.00	31.36 0.30 0.00	31.97 0.48 0.00	34.29 0.73 0.00	47.82 1.56 0.00	50.09 1.69 0.00	51.12 1.74 0.00	50.33 1.96 0.00	44.53 1.74 0.00	41.21 1.63 0.00
MONGAUP___HYD 23641	36.93 1.98 0.00	37.00 1.93 0.00	37.95 1.91 0.00	34.36 1.68 0.00	44.01 2.07 0.00	60.51 2.91 0.00	64.75 3.16 0.00	44.61 2.48 0.00	30.74 1.54 0.00	30.04 1.46 0.00	31.74 1.45 0.00	29.42 1.37 0.00	29.02 1.30 0.00	29.38 1.27 0.00	31.45 1.32 0.00	32.53 1.47 0.00	32.94 1.44 0.00	35.17 1.62 0.00	48.76 2.34 -0.16	50.87 2.48 0.00	52.14 2.76 0.00	51.08 2.65 -0.06	45.18 2.28 -0.11	41.83 2.26 0.00
MONTAUK___DIESEL 23721	36.25 1.30 0.00	36.38 1.31 0.00	37.44 1.40 0.00	33.85 1.17 0.00	43.01 1.07 0.00	46.58 1.31 12.33	70.20 2.74 -5.86	28.07 2.65 16.71	26.33 2.02 4.89	30.85 2.27 0.00	33.55 3.21 -0.05	31.11 3.08 0.00	34.45 3.00 -3.73	31.11 2.99 0.00	32.58 2.44 0.00	33.63 2.57 0.00	33.98 2.48 0.00	37.62 2.87 -1.20	49.83 3.57 0.00	48.91 3.05 2.54	52.50 3.12 0.00	51.71 3.35 0.00	45.22 2.43 0.01	41.81 2.24 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	35.18 0.23 0.00	35.66 0.60 0.00	36.14 0.10 0.00	32.55 -0.12 0.00	41.60 -0.35 0.00	56.88 -0.71 0.00	60.63 -0.96 0.00	40.26 -1.87 0.00	27.79 -1.42 0.00	27.29 -1.29 0.00	29.64 -0.65 0.00	27.15 -0.89 0.00	26.66 -1.07 0.00	27.15 -0.96 0.00	29.21 -0.92 0.00	30.27 -0.79 0.00	30.38 -1.12 0.00	32.22 -1.34 0.00	42.23 -2.56 1.47	45.69 -2.71 0.00	46.68 -2.69 0.00	44.86 -2.97 0.54	39.72 -2.02 1.05	37.85 -1.73 0.00
MORRIS_RIDGE___SOLAR 323848	34.35 -0.60 0.00	34.77 -0.30 0.00	35.53 -0.51 0.00	32.21 -0.46 0.00	41.34 -0.60 0.00	56.65 -0.94 0.00	60.50 -1.09 0.00	39.93 -2.19 0.00	27.40 -1.81 0.00	26.98 -1.60 0.00	29.20 -1.09 0.00	26.69 -1.35 0.00	26.13 -1.60 0.00	26.58 -1.54 0.00	28.79 -1.35 0.00	29.80 -1.25 0.00	30.39 -1.11 0.00	32.16 -1.40 0.00	41.92 -2.45 1.89	45.58 -2.82 0.00	46.81 -2.57 0.00	44.52 -3.15 0.70	38.25 -3.19 1.35	36.83 -2.75 0.00
MORTIMER_115KV_TB3 55949	34.85 -0.11 0.00	35.03 -0.04 0.00	35.86 -0.18 0.00	32.51 -0.17 0.00	41.84 -0.10 0.00	57.90 0.31 0.00	62.15 0.56 0.00	42.03 -0.09 0.00	29.08 -0.12 0.00	28.53 -0.04 0.00	30.48 0.18 0.00	28.01 -0.03 0.00	27.60 -0.12 0.00	28.08 -0.04 0.00	30.18 0.04 0.00	31.20 0.15 0.00	31.65 0.15 0.00	33.56 0.01 0.00	45.26 -0.29 0.72	48.13 -0.26 0.00	49.27 -0.11 0.00	47.66 -0.45 0.26	41.81 -0.46 0.51	39.38 -0.19 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.72 1.77 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.11 1.43 0.00	43.61 1.67 0.00	59.88 2.29 0.00	64.28 2.69 0.00	44.68 2.56 0.00	31.17 1.97 0.00	30.64 2.06 0.00	32.51 2.23 0.00	30.20 2.16 0.00	29.78 2.05 0.00	30.13 2.02 0.00	32.17 2.03 0.00	33.19 2.14 0.00	33.65 2.15 0.00	35.71 2.16 0.00	49.03 2.77 0.00	51.08 2.68 0.00	52.23 2.85 0.00	51.07 2.70 0.00	45.24 2.46 0.00	41.82 2.24 0.00
MUNSVILLE_WIND_PWR 323609	38.03 3.07 0.00	38.26 3.19 0.00	39.50 3.46 0.00	36.04 3.37 0.00	46.40 4.46 0.00	64.05 6.45 0.00	68.81 7.22 0.00	46.16 4.04 0.00	31.03 1.83 0.00	29.74 1.16 0.00	31.57 1.28 0.00	28.94 0.90 0.00	28.87 1.14 0.00	29.06 0.94 0.00	31.16 1.02 0.00	32.20 1.15 0.00	32.83 1.34 0.00	36.07 2.52 0.00	50.76 4.25 -0.24	52.68 4.28 0.00	53.53 4.16 0.00	51.40 2.94 -0.09	45.30 2.34 -0.17	41.17 1.59 0.00
N_SALMON___HYD 24042	34.86 -0.09 0.00	34.91 -0.16 0.00	35.93 -0.11 0.00	32.66 -0.02 0.00	41.92 -0.03 0.00	57.51 -0.09 0.00	61.28 -0.31 0.00	42.05 -0.07 0.00	29.03 -0.17 0.00	28.36 -0.22 0.00	29.95 -0.34 0.00	27.58 -0.46 0.00	27.33 -0.40 0.00	27.72 -0.39 0.00	29.78 -0.36 0.00	30.65 -0.41 0.00	31.15 -0.35 0.00	33.34 -0.21 0.00	46.03 -0.23 0.00	48.38 -0.02 0.00	49.27 -0.11 0.00	48.11 -0.26 0.00	42.51 -0.27 0.00	39.00 -0.58 0.00
N_AKRON___115KV_KNAPP 355671	34.06 -0.90 0.00	34.30 -0.77 0.00	35.03 -1.01 0.00	31.78 -0.89 0.00	40.96 -0.99 0.00	56.34 -1.26 0.00	60.43 -1.16 0.00	40.34 -1.79 0.00	27.94 -1.26 0.00	27.40 -1.18 0.00	29.54 -0.75 0.00	27.05 -0.99 0.00	26.63 -1.10 0.00	27.22 -0.89 0.00	29.28 -0.85 0.00	30.31 -0.74 0.00	30.68 -0.82 0.00	32.39 -1.17 0.00	42.98 -2.19 1.09	46.18 -2.22 0.00	47.38 -2.00 0.00	45.44 -2.53 0.40	39.85 -2.16 0.78	38.13 -1.44 0.00
N.E._GEN_SANDY PD 24062	36.34 1.39 0.00	36.44 1.37 0.00	37.40 1.36 0.00	33.90 1.22 0.00	43.45 1.51 0.00	59.47 1.88 0.00	63.44 1.95 0.11	42.13 1.55 1.54	32.37 1.37 -1.80	30.53 1.37 -0.58	31.56 1.27 0.00	29.19 1.15 0.00	28.18 1.16 0.71	29.25 1.16 0.02	31.45 1.32 0.00	32.31 1.25 0.00	32.72 1.22 0.00	34.69 1.13 0.00	49.33 1.70 -1.37	46.78 1.49 3.11	49.21 1.55 1.72	50.12 1.75 0.00	44.36 1.57 0.00	42.97 1.51 -1.89
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.59 1.63 0.00	36.64 1.57 0.00	37.56 1.52 0.00	34.00 1.32 0.00	43.50 1.55 0.00	59.80 2.21 0.00	64.27 2.68 0.00	44.53 2.41 0.00	30.96 1.75 0.00	30.38 1.81 0.00	32.20 1.91 0.00	29.86 1.82 0.00	29.41 1.68 0.00	29.78 1.67 0.00	31.85 1.71 0.00	32.89 1.83 0.00	33.35 1.86 0.00	35.42 1.86 0.00	48.77 2.51 0.00	50.84 2.44 0.00	52.03 2.66 0.00	50.89 2.52 0.00	45.02 2.23 0.00	41.61 2.03 0.00
N.QUEENS_27_KV_LOAD 356247	36.63 1.68 0.01	36.71 1.65 0.01	37.63 1.59 0.01	34.12 1.44 0.00	43.60 1.66 0.00	59.85 2.27 0.01	64.24 2.65 0.01	44.73 2.61 0.00	31.20 2.00 -0.01	30.67 2.09 0.00	32.55 2.25 -0.01	30.26 2.22 -0.01	29.86 2.12 -0.01	30.23 2.11 -0.01	32.19 2.05 0.00	33.20 2.14 -0.01	33.65 2.16 0.00	35.69 2.13 0.00	48.96 2.70 0.00	51.03 2.63 0.00	52.24 2.86 0.00	51.08 2.72 0.01	45.35 2.56 0.00	41.91 2.33 0.00
N.TROY___115KV_TB1 355778	36.11 1.16 0.00	36.23 1.16 0.00	37.19 1.15 0.00	33.72 1.05 0.00	43.27 1.33 0.00	59.24 1.65 0.00	63.29 1.70 0.00	43.35 1.22 0.00	30.24 1.03 0.00	29.54 0.96 0.00	31.15 0.86 0.00	28.79 0.76 0.00	28.50 0.77 0.00	28.89 0.78 0.00	31.04 0.90 0.00	31.86 0.81 0.00	32.31 0.81 0.00	34.39 0.84 0.00	47.60 1.34 0.00	49.60 1.20 0.00	50.64 1.26 0.00	49.82 1.45 0.00	44.09 1.30 0.00	40.82 1.24 0.00
NARROWS_GT1_1 24228	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT1_2 24229	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT1_3 24230	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT1_4 24231	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00

NARROWS_GT1_5 24232	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT1_6 24233	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT1_7 24234	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT1_8 24235	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT2_1 24236	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT2_2 24237	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT2_3 24238	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT2_4 24239	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT2_5 24240	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT2_6 24241	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT2_7 24242	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NARROWS_GT2_8 24243	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.32 1.37 0.00	36.57 1.51 0.00	37.64 1.60 0.00	34.10 1.43 0.00	43.72 1.78 0.00	59.96 2.37 0.00	64.22 2.63 0.00	43.96 1.84 0.00	30.32 1.11 0.00	29.49 0.91 0.00	31.10 0.82 0.00	28.83 0.79 0.00	28.51 0.78 0.00	28.97 0.85 0.00	31.03 0.89 0.00	31.91 0.86 0.00	32.40 0.90 0.00	34.51 0.95 0.00	47.80 1.54 0.00	50.00 1.60 0.00	51.13 1.75 0.00	50.15 1.78 0.00	44.30 1.51 0.00	40.93 1.35 0.00
NCHELSEA_115KV_TR2 355582	36.86 1.91 0.00	36.91 1.84 0.00	37.88 1.84 0.00	34.30 1.62 0.00	43.92 1.98 0.00	60.36 2.77 0.00	64.82 3.23 0.00	44.84 2.72 0.00	31.16 1.96 0.00	30.51 1.94 0.00	32.25 1.96 0.00	29.89 1.85 0.00	29.48 1.75 0.00	29.87 1.75 0.00	31.98 1.84 0.00	33.02 1.97 0.00	33.52 2.02 0.00	35.64 2.09 0.00	49.16 2.90 0.00	51.29 2.89 0.00	52.47 3.09 0.00	51.33 2.96 0.00	45.37 2.58 0.00	41.90 2.32 0.00
NEG CAPITAL__MECHNVIL 23645	36.46 1.51 0.00	36.57 1.50 0.00	37.54 1.50 0.00	34.06 1.39 0.00	43.74 1.80 0.00	59.99 2.39 0.00	64.18 2.59 0.00	43.83 1.71 0.00	30.44 1.24 0.00	29.66 1.08 0.00	31.28 0.99 0.00	28.89 0.85 0.00	28.58 0.85 0.00	28.99 0.88 0.00	31.11 0.97 0.00	31.94 0.89 0.00	32.47 0.98 0.00	34.73 1.17 0.00	48.15 1.89 0.00	50.30 1.90 0.00	51.35 1.97 0.00	50.43 2.06 0.00	44.60 1.81 0.00	41.26 1.68 0.00

NEG CENTRAL_HIGH_ACRES 23767	34.86 -0.09 0.00	35.03 -0.04 0.00	35.89 -0.15 0.00	32.55 -0.13 0.00	41.87 -0.07 0.00	57.92 0.33 0.00	62.17 0.57 0.00	42.04 -0.08 0.00	29.06 -0.14 0.00	28.51 -0.06 0.00	30.44 0.15 0.00	28.02 -0.02 0.00	27.61 -0.11 0.00	28.04 -0.08 0.00	30.13 -0.01 0.00	31.16 0.10 0.00	31.64 0.14 0.00	33.61 0.05 0.00	45.51 -0.14 0.60	48.24 -0.16 0.00	49.36 -0.02 0.00	47.85 -0.30 0.22	41.98 -0.37 0.43	39.40 -0.18 0.00
NEG CENTRAL___DRP 24199	35.17 0.21 0.00	35.38 0.31 0.00	36.28 0.23 0.00	32.89 0.21 0.00	42.26 0.32 0.00	58.23 0.64 0.00	62.52 0.93 0.00	42.27 0.15 0.00	29.04 -0.16 0.00	28.33 -0.24 0.00	30.32 0.03 0.00	27.93 -0.11 0.00	27.43 -0.30 0.00	27.76 -0.35 0.00	29.80 -0.34 0.00	30.83 -0.22 0.00	31.46 -0.03 0.00	33.57 0.01 0.00	45.58 0.00 0.68	48.32 -0.08 0.00	49.42 0.04 0.00	47.92 -0.20 0.25	41.94 -0.36 0.49	39.25 -0.33 0.00
NEG CENTRAL___INDECK 23768	36.03 1.08 0.00	36.32 1.25 0.00	37.15 1.11 0.00	33.70 1.02 0.00	43.35 1.41 0.00	59.88 2.29 0.00	64.33 2.74 0.00	42.84 0.72 0.00	29.13 -0.08 0.00	28.59 0.01 0.00	30.70 0.41 0.00	28.07 0.03 0.00	27.49 -0.24 0.00	27.91 -0.21 0.00	30.22 0.08 0.00	31.30 0.24 0.00	32.04 0.54 0.00	34.19 0.64 0.00	45.07 0.29 1.48	48.64 0.24 0.00	50.06 0.69 0.00	48.00 0.18 0.55	41.48 -0.25 1.06	39.49 -0.09 0.00
NEG CENTRAL___SENECA 23627	35.30 0.35 0.00	35.58 0.51 0.00	36.44 0.40 0.00	33.06 0.38 0.00	42.48 0.53 0.00	58.54 0.95 0.00	62.87 1.28 0.00	42.35 0.23 0.00	29.05 -0.16 0.00	28.33 -0.25 0.00	30.38 0.09 0.00	27.91 -0.13 0.00	27.37 -0.36 0.00	27.73 -0.39 0.00	29.79 -0.35 0.00	30.85 -0.20 0.00	31.49 -0.01 0.00	33.60 0.04 0.00	45.29 0.02 0.99	48.33 -0.07 0.00	49.46 0.08 0.00	47.72 -0.28 0.37	41.59 -0.49 0.71	39.16 -0.42 0.00
NEG CENTRAL___STATE_STREET 24147	35.11 0.16 0.00	35.26 0.19 0.00	36.20 0.16 0.00	32.83 0.15 0.00	42.17 0.22 0.00	58.08 0.49 0.00	62.33 0.74 0.00	42.32 0.20 0.00	29.12 -0.08 0.00	28.42 -0.15 0.00	30.31 0.02 0.00	28.01 -0.03 0.00	27.59 -0.14 0.00	27.88 -0.23 0.00	29.88 -0.25 0.00	30.88 -0.17 0.00	31.53 0.03 0.00	33.63 0.07 0.00	46.01 0.13 0.38	48.49 0.09 0.00	49.54 0.16 0.00	48.30 0.07 0.14	42.46 -0.06 0.27	39.52 -0.06 0.00
NEG MILLWOOD___DRP 24198	36.89 1.94 0.00	36.93 1.86 0.00	37.89 1.85 0.00	34.31 1.63 0.00	43.93 1.99 0.00	60.37 2.77 0.00	64.87 3.28 0.00	44.89 2.77 0.00	31.23 2.03 0.00	30.60 2.02 0.00	32.35 2.06 0.00	30.00 1.97 0.00	29.59 1.87 0.00	29.96 1.84 0.00	32.06 1.92 0.00	33.10 2.04 0.00	33.58 2.09 0.00	35.70 2.15 0.00	49.20 2.94 0.00	51.31 2.91 0.00	52.48 3.10 0.00	51.34 2.97 0.00	45.38 2.59 0.00	41.91 2.33 0.00
NEG NORTH_FLCN_SEA 23793	35.09 0.13 0.00	35.11 0.05 0.00	36.16 0.12 0.00	32.87 0.19 0.00	42.20 0.26 0.00	57.79 0.20 0.00	61.17 -0.42 0.00	41.98 -0.15 0.00	29.22 0.02 0.00	28.57 -0.01 0.00	30.15 -0.14 0.00	27.82 -0.22 0.00	27.54 -0.19 0.00	27.96 -0.16 0.00	30.10 -0.04 0.00	30.94 -0.12 0.00	31.42 -0.08 0.00	33.58 0.02 0.00	46.15 -0.12 0.00	48.37 -0.03 0.00	49.19 -0.19 0.00	48.35 -0.02 0.00	42.82 0.04 0.00	39.34 -0.24 0.00
NEG NORTH_KES_CHATEGAY 23792	35.00 0.04 0.00	35.03 -0.04 0.00	36.05 0.01 0.00	32.75 0.07 0.00	41.96 0.02 0.00	57.54 -0.05 0.00	61.26 -0.33 0.00	41.97 -0.15 0.00	29.07 -0.13 0.00	28.42 -0.15 0.00	30.03 -0.26 0.00	27.72 -0.32 0.00	27.46 -0.27 0.00	27.88 -0.23 0.00	29.97 -0.16 0.00	30.84 -0.21 0.00	31.32 -0.18 0.00	33.44 -0.11 0.00	46.12 -0.14 0.00	48.44 0.05 0.00	49.34 -0.04 0.00	48.25 -0.12 0.00	42.65 -0.13 0.00	39.11 -0.47 0.00
NEG NORTH___ALICE_FALLS 23915	35.20 0.25 0.00	35.23 0.16 0.00	36.28 0.23 0.00	32.96 0.28 0.00	42.31 0.37 0.00	58.00 0.41 0.00	61.56 -0.03 0.00	42.22 0.10 0.00	29.25 0.05 0.00	28.60 0.03 0.00	30.18 -0.11 0.00	27.84 -0.20 0.00	27.55 -0.19 0.00	27.95 -0.17 0.00	30.08 -0.06 0.00	30.91 -0.14 0.00	31.40 -0.10 0.00	33.58 0.02 0.00	46.34 0.07 0.00	48.66 0.26 0.00	49.52 0.14 0.00	48.55 0.18 0.00	42.98 0.19 0.00	39.43 -0.15 0.00
NEG NORTH___LWR_SARANAC 23913	35.20 0.25 0.00	35.23 0.16 0.00	36.28 0.23 0.00	32.96 0.28 0.00	42.31 0.37 0.00	58.00 0.41 0.00	61.56 -0.03 0.00	42.22 0.10 0.00	29.25 0.05 0.00	28.60 0.03 0.00	30.18 -0.11 0.00	27.84 -0.20 0.00	27.55 -0.19 0.00	27.95 -0.17 0.00	30.08 -0.06 0.00	30.91 -0.14 0.00	31.40 -0.10 0.00	33.58 0.02 0.00	46.34 0.07 0.00	48.66 0.26 0.00	49.52 0.14 0.00	48.55 0.18 0.00	42.98 0.19 0.00	39.43 -0.15 0.00
NEG NORTH___PLATTSBURG 23628	35.20 0.25 0.00	35.23 0.16 0.00	36.28 0.24 0.00	32.96 0.28 0.00	42.31 0.37 0.00	58.00 0.41 0.00	61.56 -0.03 0.00	42.23 0.10 0.00	29.25 0.05 0.00	28.60 0.03 0.00	30.18 -0.11 0.00	27.84 -0.20 0.00	27.55 -0.18 0.00	27.95 -0.17 0.00	30.08 -0.06 0.00	30.92 -0.14 0.00	31.40 -0.09 0.00	33.58 0.02 0.00	46.34 0.08 0.00	48.66 0.26 0.00	49.52 0.14 0.00	48.55 0.18 0.00	42.98 0.19 0.00	39.43 -0.15 0.00
NEG WEST_LEA_LOCKPORT 23791	33.46 -1.49 0.00	33.71 -1.37 0.00	34.43 -1.61 0.00	31.23 -1.45 0.00	40.21 -1.73 0.00	55.19 -2.40 0.00	59.09 -2.50 0.00	39.38 -2.74 0.00	27.35 -1.85 0.00	26.90 -1.68 0.00	29.14 -1.15 0.00	26.76 -1.28 0.00	26.36 -1.37 0.00	26.96 -1.16 0.00	29.01 -1.13 0.00	29.89 -1.17 0.00	30.14 -1.35 0.00	31.66 -1.89 0.00	41.89 -3.22 1.16	45.07 -3.33 0.00	46.27 -3.11 0.00	44.32 -3.62 0.43	38.90 -3.07 0.83	37.37 -2.21 0.00
NEG WEST___LANCASTR 23811	34.02 -0.93 0.00	34.35 -0.72 0.00	35.08 -0.96 0.00	31.81 -0.87 0.00	40.89 -1.05 0.00	56.08 -1.51 0.00	60.00 -1.58 0.00	40.01 -2.11 0.00	27.79 -1.42 0.00	27.31 -1.27 0.00	29.57 -0.72 0.00	27.09 -0.94 0.00	26.61 -1.12 0.00	27.16 -0.96 0.00	29.24 -0.89 0.00	30.16 -0.90 0.00	30.39 -1.10 0.00	31.93 -1.63 0.00	42.09 -2.71 1.45	45.65 -2.75 0.00	46.91 -2.47 0.00	44.79 -3.04 0.54	39.00 -2.75 1.04	37.48 -2.10 0.00
NEG_PENN_ALLEGHNY 23528	35.41 0.45 0.00	35.59 0.52 0.00	36.56 0.52 0.00	33.15 0.48 0.00	42.55 0.61 0.00	58.47 0.88 0.00	62.65 1.06 0.00	42.78 0.66 0.00	29.55 0.34 0.00	28.85 0.27 0.00	30.69 0.40 0.00	28.35 0.31 0.00	27.98 0.25 0.00	28.28 0.16 0.00	30.32 0.18 0.00	31.33 0.28 0.00	31.87 0.38 0.00	33.97 0.41 0.00	48.22 0.56 -1.40	48.92 0.52 0.00	50.01 0.63 0.00	49.36 0.47 -0.52	44.06 0.27 -1.00	39.80 0.22 0.00
NEG___GEN_MONROE 24207	34.97 0.02 0.00	35.16 0.09 0.00	35.99 -0.05 0.00	32.62 -0.05 0.00	42.01 0.07 0.00	58.13 0.54 0.00	62.44 0.85 0.00	42.13 0.01 0.00	29.09 -0.11 0.00	28.50 -0.08 0.00	30.46 0.17 0.00	27.91 -0.12 0.00	27.50 -0.23 0.00	27.98 -0.13 0.00	30.09 -0.05 0.00	31.17 0.12 0.00	31.65 0.15 0.00	33.64 0.08 0.00	45.29 -0.24 0.73	48.22 -0.18 0.00	49.41 0.03 0.00	47.73 -0.37 0.27	41.86 -0.40 0.52	39.46 -0.12 0.00

NEPA__ENERGY 23901	34.45 -0.50 0.00	34.99 -0.08 0.00	35.64 -0.40 0.00	32.27 -0.41 0.00	41.38 -0.56 0.00	56.84 -0.75 0.00	60.87 -0.72 0.00	40.53 -1.59 0.00	28.12 -1.09 0.00	27.50 -1.08 0.00	29.87 -0.42 0.00	27.32 -0.72 0.00	26.74 -0.99 0.00	27.25 -0.87 0.00	29.31 -0.83 0.00	30.28 -0.78 0.00	30.45 -1.04 0.00	32.05 -1.51 0.00	42.36 -2.43 1.47	46.13 -2.26 0.00	47.38 -1.99 0.00	45.24 -2.59 0.54	39.40 -2.34 1.05	37.74 -1.84 0.00
NEVERSINK__HYD 23608	36.68 1.73 0.00	36.73 1.66 0.00	37.70 1.66 0.00	34.16 1.48 0.00	43.77 1.83 0.00	60.22 2.63 0.00	64.68 3.09 0.00	44.59 2.46 0.00	30.86 1.66 0.00	29.96 1.39 0.00	30.84 0.55 0.00	28.52 0.48 0.00	28.14 0.41 0.00	28.53 0.41 0.00	30.55 0.41 0.00	31.63 0.57 0.00	32.16 0.67 0.00	34.48 0.92 0.00	49.08 2.63 -0.19	51.08 2.68 0.00	52.10 2.72 0.00	50.94 2.50 -0.07	45.04 2.12 -0.13	41.44 1.87 0.00
NEWKRMKL_115KV_TB1 55635	35.66 0.70 0.00	35.83 0.76 0.00	36.84 0.80 0.00	33.35 0.67 0.00	42.69 0.75 0.00	58.45 0.86 0.00	62.50 0.92 0.00	42.97 0.84 0.00	29.94 0.73 0.00	29.30 0.72 0.00	30.95 0.66 0.00	28.68 0.64 0.00	28.37 0.64 0.00	28.79 0.67 0.00	30.85 0.72 0.00	31.72 0.66 0.00	32.17 0.67 0.00	34.20 0.64 0.00	47.03 0.77 0.00	49.01 0.61 0.00	50.04 0.67 0.00	49.17 0.80 0.00	43.54 0.75 0.00	40.27 0.69 0.00
NEWTON__FALLS_HYD 23847	32.76 -2.19 0.00	33.05 -2.02 0.00	34.27 -1.78 0.00	31.31 -1.37 0.00	40.53 -1.41 0.00	55.80 -1.79 0.00	59.33 -2.26 0.00	39.96 -2.16 0.00	27.25 -1.95 0.00	26.60 -1.98 0.00	28.23 -2.06 0.00	26.10 -1.93 0.00	25.92 -1.81 0.00	26.28 -1.84 0.00	28.15 -1.99 0.00	29.07 -1.99 0.00	29.64 -1.86 0.00	31.91 -1.64 0.00	44.38 -1.88 0.00	46.68 -1.72 0.00	47.48 -1.90 0.00	45.94 -2.42 0.00	40.31 -2.47 0.00	37.32 -2.26 0.00
NGRID_A1_DSASP 323792	32.79 -2.17 0.00	33.03 -2.04 0.00	33.75 -2.29 0.00	30.61 -2.06 0.00	39.45 -2.49 0.00	54.08 -3.51 0.00	57.86 -3.73 0.00	38.56 -3.56 0.00	26.88 -2.33 0.00	26.46 -2.12 0.00	28.81 -1.48 0.00	26.54 -1.50 0.00	26.16 -1.57 0.00	26.76 -1.36 0.00	28.78 -1.35 0.00	29.60 -1.46 0.00	29.76 -1.74 0.00	31.07 -2.49 0.00	40.97 -4.08 1.21	44.10 -4.30 0.00	45.21 -4.17 0.00	43.36 -4.57 0.45	38.13 -3.80 0.86	36.81 -2.78 0.00
NGRID_A2_DSASP 323793	32.79 -2.17 0.00	33.03 -2.04 0.00	33.75 -2.29 0.00	30.61 -2.06 0.00	39.45 -2.49 0.00	54.08 -3.51 0.00	57.86 -3.73 0.00	38.56 -3.56 0.00	26.88 -2.33 0.00	26.46 -2.12 0.00	28.81 -1.48 0.00	26.54 -1.50 0.00	26.16 -1.57 0.00	26.76 -1.36 0.00	28.78 -1.35 0.00	29.60 -1.46 0.00	29.76 -1.74 0.00	31.07 -2.49 0.00	40.97 -4.08 1.21	44.10 -4.30 0.00	45.21 -4.17 0.00	43.36 -4.57 0.45	38.13 -3.80 0.86	36.81 -2.78 0.00
NGRID_A4_DSASP 323807	32.79 -2.17 0.00	33.03 -2.04 0.00	33.75 -2.29 0.00	30.61 -2.06 0.00	39.45 -2.49 0.00	54.08 -3.51 0.00	57.86 -3.73 0.00	38.56 -3.56 0.00	26.88 -2.33 0.00	26.46 -2.12 0.00	28.81 -1.48 0.00	26.54 -1.50 0.00	26.16 -1.57 0.00	26.76 -1.36 0.00	28.78 -1.35 0.00	29.60 -1.46 0.00	29.76 -1.74 0.00	31.07 -2.49 0.00	40.97 -4.08 1.21	44.10 -4.30 0.00	45.21 -4.17 0.00	43.36 -4.57 0.45	38.13 -3.80 0.86	36.81 -2.78 0.00
NIAGARA_115E_LBMP 323715	32.86 -2.09 0.00	33.10 -1.97 0.00	33.82 -2.23 0.00	30.68 -2.00 0.00	39.54 -2.40 0.00	54.23 -3.36 0.00	58.05 -3.54 0.00	38.68 -3.44 0.00	26.88 -2.32 0.00	26.47 -2.11 0.00	28.69 -1.60 0.00	26.38 -1.66 0.00	26.00 -1.73 0.00	26.59 -1.52 0.00	28.61 -1.53 0.00	29.43 -1.62 0.00	29.62 -1.88 0.00	31.09 -2.47 0.00	41.02 -4.04 1.20	44.22 -4.18 0.00	45.36 -4.02 0.00	43.45 -4.48 0.44	38.18 -3.75 0.86	36.78 -2.80 0.00
NIAGARA_115W_LBMP 323714	32.70 -2.25 0.00	32.94 -2.13 0.00	33.65 -2.39 0.00	30.53 -2.14 0.00	39.37 -2.58 0.00	53.95 -3.64 0.00	57.73 -3.86 0.00	38.48 -3.64 0.00	26.80 -2.41 0.00	26.40 -2.18 0.00	28.75 -1.54 0.00	26.49 -1.55 0.00	26.11 -1.62 0.00	26.71 -1.41 0.00	28.72 -1.41 0.00	29.55 -1.51 0.00	29.69 -1.81 0.00	30.99 -2.57 0.00	40.85 -4.17 1.21	43.98 -4.42 0.00	45.10 -4.28 0.00	43.25 -4.68 0.45	38.03 -3.89 0.86	36.71 -2.87 0.00
NIAGARA_230_LBMP 323716	33.26 -1.70 0.00	33.49 -1.58 0.00	34.22 -1.83 0.00	31.03 -1.65 0.00	39.93 -2.01 0.00	54.75 -2.85 0.00	58.56 -3.03 0.00	39.08 -3.05 0.00	27.18 -2.02 0.00	26.77 -1.80 0.00	29.02 -1.27 0.00	26.70 -1.34 0.00	26.32 -1.41 0.00	26.89 -1.22 0.00	28.93 -1.21 0.00	29.78 -1.27 0.00	29.93 -1.56 0.00	31.41 -2.15 0.00	41.50 -3.57 1.19	44.74 -3.66 0.00	45.91 -3.47 0.00	43.98 -3.95 0.44	38.59 -3.35 0.85	37.14 -2.44 0.00
NIAGARA__115KV_198_GIBSON 55903	32.70 -2.25 0.00	32.94 -2.13 0.00	33.65 -2.39 0.00	30.54 -2.14 0.00	39.37 -2.58 0.00	53.94 -3.66 0.00	57.73 -3.86 0.00	38.48 -3.64 0.00	26.80 -2.40 0.00	26.39 -2.18 0.00	28.75 -1.54 0.00	26.49 -1.55 0.00	26.11 -1.62 0.00	26.71 -1.41 0.00	28.73 -1.41 0.00	29.54 -1.52 0.00	29.70 -1.79 0.00	30.99 -2.57 0.00	40.88 -4.17 1.21	43.98 -4.42 0.00	45.11 -4.27 0.00	43.26 -4.67 0.45	38.04 -3.88 0.86	36.73 -2.85 0.00
NIAGARA__ 23760	33.26 -1.70 0.00	33.49 -1.58 0.00	34.22 -1.83 0.00	31.03 -1.65 0.00	39.93 -2.01 0.00	54.75 -2.85 0.00	58.56 -3.03 0.00	39.08 -3.05 0.00	27.18 -2.02 0.00	26.77 -1.80 0.00	29.02 -1.27 0.00	26.70 -1.34 0.00	26.32 -1.41 0.00	26.89 -1.22 0.00	28.93 -1.21 0.00	29.78 -1.27 0.00	29.93 -1.56 0.00	31.41 -2.15 0.00	41.50 -3.57 1.19	44.74 -3.66 0.00	45.91 -3.47 0.00	43.98 -3.95 0.44	38.59 -3.35 0.85	37.14 -2.44 0.00
NINE_MILE_1 23575	33.82 -1.13 0.00	33.94 -1.13 0.00	34.87 -1.17 0.00	31.60 -1.08 0.00	40.57 -1.37 0.00	55.81 -1.79 0.00	59.75 -1.84 0.00	40.77 -1.35 0.00	28.26 -0.95 0.00	27.67 -0.91 0.00	29.42 -0.87 0.00	27.23 -0.81 0.00	26.91 -0.82 0.00	27.27 -0.85 0.00	29.21 -0.92 0.00	30.11 -0.95 0.00	30.52 -0.98 0.00	32.51 -1.04 0.00	44.80 -1.47 0.00	46.81 -1.59 0.00	47.77 -1.61 0.00	46.85 -1.52 0.00	41.44 -1.35 0.00	38.34 -1.24 0.00
NINE_MILE_2 23744	33.82 -1.13 0.00	33.94 -1.13 0.00	34.87 -1.17 0.00	31.60 -1.07 0.00	40.57 -1.37 0.00	55.81 -1.79 0.00	59.75 -1.84 0.00	40.77 -1.35 0.00	28.26 -0.95 0.00	27.67 -0.91 0.00	29.42 -0.87 0.00	27.23 -0.81 0.00	26.91 -0.82 0.00	27.27 -0.85 0.00	29.21 -0.92 0.00	30.11 -0.95 0.00	30.53 -0.97 0.00	32.51 -1.04 0.00	44.80 -1.46 0.00	46.81 -1.59 0.00	47.77 -1.61 0.00	46.86 -1.51 0.00	41.44 -1.35 0.00	38.34 -1.24 0.00
NM_CAPITAL__DRP 24208	35.75 0.80 0.00	35.92 0.85 0.00	36.92 0.87 0.00	33.43 0.76 0.00	42.82 0.88 0.00	58.61 1.02 0.00	62.64 1.05 0.00	43.04 0.92 0.00	30.02 0.81 0.00	29.38 0.80 0.00	31.02 0.74 0.00	28.74 0.70 0.00	28.43 0.70 0.00	28.84 0.73 0.00	30.93 0.80 0.00	31.79 0.73 0.00	32.22 0.72 0.00	34.23 0.67 0.00	47.15 0.88 0.00	49.11 0.71 0.00	50.14 0.76 0.00	49.30 0.93 0.00	43.64 0.85 0.00	40.38 0.80 0.00

NM_CENTRAL___DRP 24181	34.51 -0.45 0.00	34.63 -0.44 0.00	35.58 -0.46 0.00	32.24 -0.44 0.00	41.41 -0.53 0.00	56.99 -0.60 0.00	61.08 -0.51 0.00	41.62 -0.50 0.00	28.80 -0.41 0.00	28.19 -0.38 0.00	30.02 -0.27 0.00	27.78 -0.25 0.00	27.42 -0.31 0.00	27.74 -0.37 0.00	29.75 -0.39 0.00	30.68 -0.37 0.00	31.17 -0.33 0.00	33.20 -0.35 0.00	45.74 -0.52 0.00	47.78 -0.62 0.00	48.79 -0.58 0.00	47.79 -0.58 0.00	42.21 -0.58 0.00	39.04 -0.54 0.00
NM_FRONTIER___DRP 24179	32.70 -2.25 0.00	32.94 -2.13 0.00	33.65 -2.39 0.00	30.54 -2.14 0.00	39.37 -2.58 0.00	53.94 -3.66 0.00	57.73 -3.86 0.00	38.48 -3.64 0.00	26.80 -2.40 0.00	26.39 -2.18 0.00	28.75 -1.54 0.00	26.49 -1.55 0.00	26.11 -1.62 0.00	26.71 -1.41 0.00	28.73 -1.41 0.00	29.54 -1.52 0.00	29.70 -1.79 0.00	30.99 -2.57 0.00	40.88 -4.17 1.21	43.98 -4.42 0.00	45.11 -4.27 0.00	43.26 -4.67 0.45	38.04 -3.88 0.86	36.73 -2.85 0.00
NM_ST_REGIS___HYD 24053	33.84 -1.11 0.00	33.93 -1.14 0.00	34.94 -1.10 0.00	31.79 -0.89 0.00	40.90 -1.05 0.00	56.18 -1.42 0.00	59.86 -1.73 0.00	40.86 -1.26 0.00	28.11 -1.10 0.00	27.46 -1.11 0.00	29.04 -1.25 0.00	26.83 -1.21 0.00	26.60 -1.14 0.00	26.97 -1.15 0.00	28.94 -1.20 0.00	29.83 -1.23 0.00	30.32 -1.18 0.00	32.47 -1.08 0.00	44.91 -1.35 0.00	47.29 -1.11 0.00	48.12 -1.26 0.00	46.89 -1.48 0.00	41.43 -1.36 0.00	38.18 -1.40 0.00
NORTHPORT___1 23551	36.09 1.13 0.00	36.38 1.31 0.00	37.44 1.40 0.00	33.86 1.18 0.00	42.85 0.91 0.00	44.16 0.53 13.96	16.81 0.96 45.74	19.72 1.47 23.87	21.92 1.22 8.50	30.20 1.62 0.00	32.65 2.31 -0.05	30.28 2.24 0.00	33.53 2.07 -3.73	30.18 2.07 0.00	32.14 2.01 0.00	33.08 2.02 0.00	33.27 1.77 0.00	28.69 1.43 6.30	47.91 1.69 0.04	47.26 1.44 2.58	51.00 1.63 0.00	50.09 1.72 0.00	44.18 1.40 0.01	41.17 1.60 0.00
NORTHPORT___2 23552	36.09 1.13 0.00	36.38 1.31 0.00	37.44 1.40 0.00	33.86 1.18 0.00	42.85 0.91 0.00	44.16 0.53 13.96	16.81 0.96 45.74	19.72 1.47 23.87	21.92 1.22 8.50	30.20 1.62 0.00	32.65 2.31 -0.05	30.28 2.24 0.00	33.53 2.07 -3.73	30.18 2.07 0.00	32.14 2.01 0.00	33.08 2.02 0.00	33.27 1.77 0.00	28.69 1.43 6.30	47.91 1.69 0.04	47.26 1.44 2.58	51.00 1.63 0.00	50.09 1.72 0.00	44.18 1.40 0.01	41.17 1.60 0.00
NORTHPORT___3 23553	36.07 1.11 0.00	36.36 1.29 0.00	37.42 1.38 0.00	33.83 1.15 0.00	42.83 0.88 0.00	44.71 0.53 13.41	34.69 0.95 27.86	22.18 1.47 21.42	23.16 1.22 7.26	30.20 1.62 0.00	32.65 2.31 -0.05	30.27 2.23 0.00	33.53 2.06 -3.73	30.18 2.06 0.00	32.15 2.01 0.00	33.07 2.01 0.00	33.26 1.76 0.00	31.27 1.41 3.70	47.92 1.41 0.03	47.27 1.44 2.57	51.00 1.62 0.00	50.08 1.71 0.00	44.16 1.38 0.01	41.17 1.60 0.00
NORTHPORT___4 23650	36.07 1.11 0.00	36.36 1.29 0.00	37.42 1.38 0.00	33.83 1.15 0.00	42.83 0.88 0.00	44.71 0.53 13.41	34.69 0.95 27.86	22.18 1.47 21.42	23.16 1.22 7.26	30.20 1.62 0.00	32.65 2.31 -0.05	30.27 2.23 0.00	33.53 2.06 -3.73	30.18 2.06 0.00	32.15 2.01 0.00	33.07 2.01 0.00	33.26 1.76 0.00	31.27 1.41 3.70	47.92 1.41 0.03	47.27 1.44 2.57	51.00 1.62 0.00	50.08 1.71 0.00	44.16 1.38 0.01	41.17 1.60 0.00
NORTHPORT___IC 23718	36.09 1.13 0.00	36.38 1.31 0.00	37.44 1.40 0.00	33.86 1.18 0.00	42.85 0.91 0.00	44.24 0.60 13.96	16.82 0.97 45.74	19.76 1.50 23.87	21.94 1.24 8.50	30.21 1.63 0.00	32.65 2.31 -0.05	30.27 2.24 0.00	33.52 2.07 -3.73	30.18 2.06 0.00	32.14 2.01 0.00	33.08 2.03 0.00	33.26 1.76 0.00	28.69 1.43 6.30	47.91 1.68 0.04	47.26 1.44 2.58	51.00 1.63 0.00	50.09 1.72 0.00	44.17 1.39 0.01	41.17 1.60 0.00
NORTH___COUNTRY_ESR 323785	34.90 -0.05 0.00	34.95 -0.12 0.00	35.96 -0.08 0.00	32.65 -0.02 0.00	41.87 -0.07 0.00	57.41 -0.18 0.00	61.13 -0.46 0.00	41.92 -0.20 0.00	29.07 -0.14 0.00	28.42 -0.16 0.00	30.02 -0.27 0.00	27.72 -0.32 0.00	27.46 -0.27 0.00	27.88 -0.23 0.00	29.97 -0.16 0.00	30.85 -0.21 0.00	31.32 -0.18 0.00	33.44 -0.11 0.00	46.08 -0.18 0.00	48.37 -0.03 0.00	49.23 -0.15 0.00	48.15 -0.22 0.00	42.56 -0.23 0.00	39.03 -0.55 0.00
NPX_GEN_1385_PROXY 323591	36.09 1.13 0.00	36.38 1.31 0.00	37.44 1.40 0.00	33.86 1.18 0.00	42.85 0.91 0.00	44.16 0.53 13.96	16.81 0.96 45.74	19.72 1.47 23.87	21.92 1.22 8.50	30.20 1.62 0.00	32.65 2.31 -0.05	30.28 2.24 0.00	32.82 2.07 -3.02	30.16 2.07 0.02	32.14 2.01 0.00	33.08 2.02 0.00	33.27 1.77 0.00	28.69 1.43 6.30	44.36 1.69 3.59	47.26 1.44 2.58	51.00 1.63 0.00	50.09 1.72 0.00	44.18 1.40 0.01	41.17 1.60 0.00
NPX_GEN_CSC 323557	36.59 1.63 0.00	36.80 1.73 0.00	37.83 1.79 0.00	34.22 1.54 0.00	43.32 1.38 0.00	46.65 1.39 12.33	69.45 1.94 -5.92	27.42 2.01 16.71	25.93 1.62 4.89	30.54 1.96 0.00	33.02 2.68 -0.05	30.58 2.54 0.00	33.13 2.39 -3.02	30.51 2.41 0.02	32.38 2.25 0.00	33.36 2.31 0.00	33.64 2.15 0.00	36.84 2.08 -1.21	45.06 2.34 3.55	47.45 1.59 2.54	51.18 1.81 0.00	50.65 2.28 0.00	44.44 1.66 0.01	41.29 1.71 0.00
NSINS_S___GLNS_FALLS 23858	36.35 1.40 0.00	36.39 1.32 0.00	37.39 1.35 0.00	33.96 1.29 0.00	43.68 1.74 0.00	59.95 2.35 0.00	64.15 2.55 0.00	43.70 1.57 0.00	30.30 1.10 0.00	29.38 0.81 0.00	30.92 0.63 0.00	28.48 0.44 0.00	28.12 0.39 0.00	28.45 0.34 0.00	30.56 0.42 0.00	31.30 0.24 0.00	31.91 0.42 0.00	34.23 0.68 0.00	47.70 1.43 0.00	49.96 1.57 0.00	50.97 1.59 0.00	50.17 1.80 0.00	44.44 1.65 0.00	41.09 1.51 0.00
NUCOR_STEEL___DRP 24197	35.06 0.10 0.00	35.20 0.13 0.00	36.14 0.10 0.00	32.78 0.10 0.00	42.09 0.14 0.00	57.97 0.38 0.00	62.22 0.63 0.00	42.27 0.15 0.00	29.12 -0.09 0.00	28.42 -0.16 0.00	30.29 0.00 0.00	28.00 -0.04 0.00	27.60 -0.13 0.00	27.88 -0.23 0.00	29.88 -0.25 0.00	30.88 -0.18 0.00	31.51 0.02 0.00	33.60 0.04 0.00	46.05 0.10 0.32	48.45 0.04 0.00	49.50 0.12 0.00	48.30 0.05 0.12	42.50 -0.06 0.23	39.51 -0.07 0.00
NUMBER_THREE_WT_PWR 323818	33.04 -1.92 0.00	33.52 -1.55 0.00	34.99 -1.05 0.00	32.10 -0.58 0.00	41.75 -0.19 0.00	57.53 -0.06 0.00	61.05 -0.54 0.00	40.72 -1.40 0.00	27.62 -1.58 0.00	26.89 -1.69 0.00	28.66 -1.64 0.00	26.50 -1.54 0.00	26.32 -1.41 0.00	26.68 -1.43 0.00	28.58 -1.56 0.00	29.54 -1.51 0.00	30.21 -1.29 0.00	32.64 -0.92 0.00	45.54 -0.72 0.00	47.80 -0.60 0.00	48.57 -0.81 0.00	46.75 -1.61 0.00	40.71 -2.07 0.00	37.84 -1.74 0.00
NYISO_LBMP_REFERENCE 24008	34.95 0.00 0.00	35.07 0.00 0.00	36.04 0.00 0.00	32.68 0.00 0.00	41.94 0.00 0.00	57.59 0.00 0.00	61.59 0.00 0.00	42.12 0.00 0.00	29.20 0.00 0.00	28.58 0.00 0.00	30.29 0.00 0.00	28.04 0.00 0.00	27.73 0.00 0.00	28.11 0.00 0.00	30.14 0.00 0.00	31.06 0.00 0.00	31.50 0.00 0.00	33.56 0.00 0.00	46.26 0.00 0.00	48.40 0.00 0.00	49.38 0.00 0.00	48.37 0.00 0.00	42.79 0.00 0.00	39.58 0.00 0.00

NYPA_BRENTWD____GT 24164	36.60 1.65 0.00	36.84 1.77 0.00	37.88 1.84 0.00	34.25 1.58 0.00	43.38 1.44 0.00	47.01 1.42 12.00	68.80 1.99 -5.22	27.95 2.14 16.32	26.06 1.65 4.79	30.55 1.98 0.00	32.97 2.62 -0.05	30.54 2.50 0.00	33.78 2.32 -3.73	30.43 2.32 0.00	32.41 2.27 0.00	33.37 2.31 0.00	33.66 2.16 0.00	36.59 1.94 -1.09	48.70 2.43 0.00	48.15 2.22 2.47	51.74 2.36 0.00	50.89 2.53 0.00	44.84 2.06 0.01	41.72 2.14 0.00
NYPA_GOWANUS____GT5 24156	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NYPA_GOWANUS____GT6 24157	36.95 1.99 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.68 0.00	43.91 1.97 0.00	60.19 2.60 0.00	64.54 2.95 0.00	45.06 2.94 0.00	31.45 2.24 -0.01	30.88 2.31 0.00	32.76 2.46 -0.01	30.45 2.40 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.01 2.45 0.00	49.36 3.10 0.00	51.40 3.00 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00
NYPA_HARLEM__RVR__GT1 24160	36.62 1.67 0.01	36.70 1.64 0.01	37.61 1.59 0.02	34.10 1.43 0.00	43.59 1.64 0.00	59.85 2.26 0.00	64.14 2.56 0.02	44.66 2.54 0.00	31.17 1.96 -0.01	30.63 2.04 0.00	32.51 2.21 -0.01	30.23 2.18 -0.01	29.82 2.08 -0.01	30.17 2.05 -0.01	32.15 2.02 0.00	33.16 2.10 0.00	33.63 2.13 0.00	35.65 2.10 0.00	48.93 2.67 0.00	51.00 2.60 0.00	52.18 2.80 0.00	51.01 2.65 0.01	45.27 2.49 0.00	41.87 2.29 0.00
NYPA_HARLEM__RVR__GT2 24161	36.62 1.67 0.01	36.70 1.64 0.01	37.61 1.59 0.02	34.10 1.43 0.00	43.59 1.64 0.00	59.85 2.26 0.00	64.14 2.56 0.02	44.66 2.54 0.00	31.17 1.96 -0.01	30.63 2.04 0.00	32.51 2.21 -0.01	30.23 2.18 -0.01	29.82 2.08 -0.01	30.17 2.05 -0.01	32.15 2.02 0.00	33.16 2.10 0.00	33.63 2.13 0.00	35.65 2.10 0.00	48.93 2.67 0.00	51.00 2.60 0.00	52.18 2.80 0.00	51.01 2.65 0.01	45.27 2.49 0.00	41.87 2.29 0.00
NYPA_KENT____GT 24152	36.87 1.92 0.00	36.94 1.87 0.00	37.88 1.84 0.00	34.29 1.61 0.00	43.82 1.87 0.00	60.08 2.49 0.00	64.44 2.84 0.00	44.95 2.82 0.00	31.38 2.18 -0.01	30.84 2.26 0.00	32.73 2.43 -0.01	30.42 2.37 -0.01	30.00 2.26 -0.01	30.35 2.22 -0.01	32.40 2.26 0.00	33.42 2.36 -0.01	33.90 2.40 0.00	35.94 2.39 0.00	49.29 3.03 0.00	51.31 2.91 0.00	52.46 3.09 0.00	51.31 2.94 0.00	45.55 2.76 0.00	42.08 2.50 0.00
NYPA_POUCH1____GT 24155	36.91 1.95 0.00	37.05 1.98 0.00	37.98 1.94 0.00	34.39 1.71 0.00	43.95 2.01 0.00	60.14 2.55 0.00	64.43 2.84 0.00	45.04 2.92 0.00	31.44 2.23 -0.01	30.86 2.28 0.00	32.71 2.41 -0.01	30.40 2.35 -0.01	29.97 2.24 -0.01	30.33 2.21 -0.01	32.37 2.23 0.00	33.40 2.34 -0.01	33.90 2.40 0.00	35.96 2.40 0.00	49.26 3.00 0.00	51.25 2.85 0.00	52.46 3.08 0.00	51.33 2.96 0.00	45.67 2.88 0.00	42.19 2.61 0.00
NYPA_VERNON____GT2 24162	36.81 1.86 0.00	36.87 1.80 0.00	37.79 1.75 0.00	34.21 1.53 0.00	43.72 1.77 0.00	59.97 2.38 0.00	64.32 2.73 0.00	44.83 2.71 0.00	31.32 2.11 -0.01	30.79 2.21 0.00	32.71 2.41 -0.01	30.40 2.35 -0.01	29.96 2.22 -0.01	30.31 2.19 -0.01	32.35 2.21 0.00	33.37 2.31 -0.01	33.84 2.34 0.00	35.88 2.33 0.00	49.21 2.95 0.00	51.22 2.82 0.00	52.35 2.97 0.00	51.18 2.81 0.00	45.41 2.62 0.00	41.97 2.39 0.00
NYPA_VERNON____GT3 24163	36.81 1.86 0.00	36.87 1.80 0.00	37.79 1.75 0.00	34.21 1.53 0.00	43.72 1.77 0.00	59.97 2.38 0.00	64.32 2.73 0.00	44.83 2.71 0.00	31.32 2.11 -0.01	30.79 2.21 0.00	32.71 2.41 -0.01	30.40 2.35 -0.01	29.96 2.22 -0.01	30.31 2.19 -0.01	32.35 2.21 0.00	33.37 2.31 -0.01	33.84 2.34 0.00	35.88 2.33 0.00	49.21 2.95 0.00	51.22 2.82 0.00	52.35 2.97 0.00	51.18 2.81 0.00	45.41 2.62 0.00	41.97 2.39 0.00
NYPA__ASTORIA_CC1 323568	36.76 1.81 0.00	36.83 1.76 0.00	37.75 1.71 0.00	34.18 1.50 0.00	43.68 1.73 0.00	59.93 2.34 0.00	64.28 2.70 0.00	44.80 2.67 0.00	31.29 2.08 -0.01	30.76 2.18 0.00	32.69 2.39 -0.01	30.37 2.32 -0.01	29.95 2.21 -0.01	30.30 2.18 -0.01	32.33 2.19 0.00	33.35 2.29 -0.01	33.81 2.31 0.00	35.85 2.30 0.00	49.16 2.90 0.00	51.17 2.77 0.00	52.31 2.93 0.00	51.15 2.78 0.00	45.37 2.58 0.00	41.93 2.35 0.00
NYPA__ASTORIA_CC2 323569	36.76 1.81 0.00	36.83 1.76 0.00	37.75 1.71 0.00	34.18 1.50 0.00	43.68 1.73 0.00	59.93 2.34 0.00	64.28 2.70 0.00	44.80 2.67 0.00	31.29 2.08 -0.01	30.76 2.18 0.00	32.69 2.39 -0.01	30.37 2.32 -0.01	29.95 2.21 -0.01	30.30 2.18 -0.01	32.33 2.19 0.00	33.35 2.29 -0.01	33.81 2.31 0.00	35.85 2.30 0.00	49.16 2.90 0.00	51.17 2.77 0.00	52.31 2.93 0.00	51.15 2.78 0.00	45.37 2.58 0.00	41.93 2.35 0.00
NYPA__HOLTSVILL 23794	36.38 1.43 0.00	36.61 1.54 0.00	37.64 1.60 0.00	34.05 1.37 0.00	43.08 1.14 0.00	46.22 0.97 12.34	69.33 1.46 -6.28	27.24 1.81 16.70	25.79 1.47 4.88	30.38 1.80 0.00	32.82 2.48 -0.05	30.41 2.37 0.00	33.66 2.20 -3.73	30.32 2.21 0.00	32.27 2.13 0.00	33.22 2.17 0.00	33.46 1.96 0.00	36.59 1.78 -1.26	48.38 2.12 0.00	47.59 1.74 2.55	51.32 1.94 0.00	50.47 2.11 0.00	44.46 1.68 0.01	41.36 1.78 0.00
NYPA__HELLGATE_GT1 24158	36.63 1.67 0.00	36.71 1.64 0.00	37.63 1.59 0.00	34.10 1.43 0.00	43.58 1.64 0.00	59.79 2.21 0.02	64.19 2.60 0.00	44.69 2.57 0.00	31.16 1.95 -0.01	30.63 2.04 0.00	32.51 2.21 -0.01	30.23 2.18 -0.01	29.82 2.08 -0.01	30.17 2.05 -0.01	32.15 2.02 0.00	33.16 2.10 0.00	33.63 2.13 0.00	35.65 2.10 0.00	48.93 2.67 0.00	50.97 2.57 0.01	52.18 2.80 0.00	51.06 2.69 0.00	45.31 2.52 0.00	41.87 2.29 0.00
NYPA__HELLGATE_GT2 24159	36.63 1.67 0.00	36.71 1.64 0.00	37.63 1.59 0.00	34.10 1.43 0.00	43.58 1.64 0.00	59.79 2.21 0.02	64.19 2.60 0.00	44.69 2.57 0.00	31.16 1.95 -0.01	30.63 2.04 0.00	32.51 2.21 -0.01	30.23 2.18 -0.01	29.82 2.08 -0.01	30.17 2.05 -0.01	32.15 2.02 0.00	33.16 2.10 0.00	33.63 2.13 0.00	35.65 2.10 0.00	48.93 2.67 0.00	50.97 2.57 0.01	52.18 2.80 0.00	51.06 2.69 0.00	45.31 2.52 0.00	41.87 2.29 0.00
NYS_BARGE__HYD 23848	33.45 -1.50 0.00	33.70 -1.37 0.00	34.41 -1.63 0.00	31.21 -1.47 0.00	40.21 -1.73 0.00	55.23 -2.37 0.00	59.14 -2.45 0.00	39.43 -2.69 0.00	27.36 -1.84 0.00	26.90 -1.67 0.00	29.12 -1.17 0.00	26.75 -1.29 0.00	26.35 -1.38 0.00	26.94 -1.17 0.00	29.00 -1.14 0.00	29.90 -1.16 0.00	30.13 -1.37 0.00	31.68 -1.88 0.00	41.92 -3.21 1.14	45.11 -3.29 0.00	46.30 -3.08 0.00	44.35 -3.60 0.42	38.93 -3.05 0.81	37.39 -2.19 0.00

OAK ORCHARD___HYD 24046	34.85 -0.11 0.00	35.03 -0.04 0.00	35.86 -0.18 0.00	32.51 -0.17 0.00	41.84 -0.10 0.00	57.91 0.32 0.00	62.16 0.57 0.00	42.04 -0.08 0.00	29.08 -0.12 0.00	28.54 -0.04 0.00	30.48 0.19 0.00	28.01 -0.03 0.00	27.60 -0.13 0.00	28.08 -0.04 0.00	30.18 0.04 0.00	31.21 0.15 0.00	31.64 0.14 0.00	33.56 0.01 0.00	45.25 -0.29 0.72	48.13 -0.26 0.00	49.26 -0.11 0.00	47.65 -0.45 0.26	41.81 -0.47 0.51	39.38 -0.20 0.00
OAKDALE___35_KV_LOAD 356122	35.34 0.38 0.00	35.52 0.45 0.00	36.48 0.44 0.00	33.08 0.41 0.00	42.45 0.51 0.00	58.32 0.73 0.00	62.45 0.86 0.00	42.54 0.41 0.00	29.42 0.21 0.00	28.75 0.17 0.00	30.60 0.31 0.00	28.29 0.25 0.00	27.91 0.18 0.00	28.25 0.14 0.00	30.30 0.16 0.00	31.27 0.21 0.00	31.74 0.24 0.00	33.80 0.25 0.00	48.06 0.32 -1.47	48.67 0.27 0.00	49.74 0.36 0.00	49.17 0.25 -0.54	43.97 0.13 -1.05	39.68 0.10 0.00
OCC_CHEM___DRP 24175	32.79 -2.17 0.00	33.03 -2.04 0.00	33.75 -2.29 0.00	30.61 -2.06 0.00	39.45 -2.49 0.00	54.08 -3.51 0.00	57.86 -3.73 0.00	38.56 -3.56 0.00	26.88 -2.33 0.00	26.46 -2.12 0.00	28.81 -1.48 0.00	26.54 -1.50 0.00	26.16 -1.57 0.00	26.76 -1.36 0.00	28.78 -1.35 0.00	29.60 -1.46 0.00	29.76 -1.74 0.00	31.07 -2.49 0.00	40.97 -4.08 1.21	44.10 -4.30 0.00	45.21 -4.17 0.00	43.36 -4.57 0.45	38.13 -3.80 0.86	36.81 -2.78 0.00
OH_GEN_PROXY 24063	33.34 -1.62 0.00	33.59 -1.48 0.00	34.31 -1.73 0.00	31.12 -1.56 0.00	40.04 -1.91 0.00	54.90 -2.69 0.00	58.72 -2.87 0.00	39.21 -2.91 0.00	27.26 -1.94 0.00	26.85 -1.73 0.00	29.08 -1.21 0.00	26.76 -1.28 0.00	25.66 -1.37 0.71	26.92 -1.18 0.02	28.96 -1.18 0.00	29.83 -1.23 0.00	29.99 -1.51 0.00	31.48 -2.08 0.00	38.06 -3.44 4.76	44.88 -3.51 0.00	46.07 -3.31 0.00	44.12 -3.80 0.45	38.67 -3.25 0.86	37.20 -2.38 0.00
OLIN_CORP_DRP 24177	32.93 -2.02 0.00	33.17 -1.90 0.00	33.89 -2.15 0.00	30.75 -1.93 0.00	39.62 -2.32 0.00	54.32 -3.27 0.00	58.16 -3.43 0.00	38.75 -3.38 0.00	26.95 -2.26 0.00	26.52 -2.05 0.00	28.75 -1.54 0.00	26.44 -1.60 0.00	26.05 -1.68 0.00	26.65 -1.47 0.00	28.67 -1.46 0.00	29.50 -1.56 0.00	29.70 -1.79 0.00	31.15 -2.40 0.00	41.11 -3.94 1.21	44.32 -4.09 0.00	45.45 -3.92 0.00	43.54 -4.38 0.45	38.25 -3.67 0.87	36.85 -2.72 0.00
OLIN_CORP_DSASP 323712	32.79 -2.17 0.00	33.03 -2.04 0.00	33.75 -2.29 0.00	30.61 -2.06 0.00	39.45 -2.49 0.00	54.08 -3.51 0.00	57.86 -3.73 0.00	38.56 -3.56 0.00	26.88 -2.33 0.00	26.46 -2.12 0.00	28.81 -1.48 0.00	26.54 -1.50 0.00	26.16 -1.57 0.00	26.76 -1.36 0.00	28.78 -1.35 0.00	29.60 -1.46 0.00	29.76 -1.74 0.00	31.07 -2.49 0.00	40.97 -4.08 1.21	44.10 -4.30 0.00	45.21 -4.17 0.00	43.36 -4.57 0.45	38.13 -3.80 0.86	36.81 -2.78 0.00
ONEIDA_HERK_LFGE 323681	34.65 -0.30 0.00	34.98 -0.09 0.00	36.23 0.19 0.00	33.07 0.40 0.00	42.76 0.82 0.00	58.94 1.35 0.00	62.85 1.26 0.00	42.25 0.13 0.00	28.79 -0.42 0.00	28.02 -0.56 0.00	29.83 -0.46 0.00	27.58 -0.46 0.00	27.30 -0.43 0.00	27.64 -0.47 0.00	29.63 -0.51 0.00	30.60 -0.45 0.00	31.33 -0.17 0.00	33.75 0.19 0.00	46.99 0.73 0.00	49.27 0.87 0.00	50.16 0.78 0.00	48.66 0.29 0.00	42.60 -0.18 0.00	39.46 -0.12 0.00
ONEIDA___115KV_TB4 55905	35.64 0.68 0.00	35.82 0.75 0.00	36.89 0.85 0.00	33.52 0.84 0.00	43.14 1.20 0.00	59.41 1.81 0.00	63.60 2.01 0.00	43.05 0.93 0.00	29.45 0.25 0.00	28.69 0.11 0.00	30.57 0.28 0.00	28.28 0.24 0.00	27.92 0.19 0.00	28.23 0.11 0.00	30.27 0.13 0.00	31.22 0.16 0.00	31.90 0.41 0.00	34.28 0.73 0.00	47.56 1.30 0.00	49.83 1.43 0.00	50.81 1.43 0.00	49.60 1.24 0.00	43.65 0.86 0.00	40.32 0.74 0.00
ONONDAGA_REF_OCCRA 23987	34.80 -0.15 0.00	34.92 -0.15 0.00	35.87 -0.17 0.00	32.52 -0.16 0.00	41.75 -0.19 0.00	57.47 -0.13 0.00	61.60 0.01 0.00	41.96 -0.16 0.00	28.99 -0.22 0.00	28.34 -0.24 0.00	30.18 -0.11 0.00	27.93 -0.10 0.00	27.56 -0.17 0.00	27.88 -0.23 0.00	29.89 -0.25 0.00	30.83 -0.23 0.00	31.35 -0.15 0.00	33.43 -0.12 0.00	46.08 -0.18 0.00	48.17 -0.23 0.00	49.20 -0.18 0.00	48.15 -0.22 0.00	42.52 -0.27 0.00	39.31 -0.27 0.00
ONONDAGA___COGEN 23986	34.69 -0.26 0.00	34.82 -0.25 0.00	35.78 -0.26 0.00	32.43 -0.25 0.00	41.65 -0.30 0.00	57.31 -0.28 0.00	61.44 -0.15 0.00	41.84 -0.28 0.00	28.90 -0.31 0.00	28.28 -0.30 0.00	30.11 -0.18 0.00	27.87 -0.17 0.00	27.50 -0.23 0.00	27.81 -0.31 0.00	29.79 -0.34 0.00	30.75 -0.31 0.00	31.28 -0.22 0.00	33.34 -0.21 0.00	45.74 -0.31 0.00	48.02 -0.38 0.00	49.04 -0.34 0.00	47.93 -0.36 0.08	42.25 -0.39 0.15	39.20 -0.38 0.00
ONTARIO___LFGE 23819	35.30 0.35 0.00	35.58 0.51 0.00	36.44 0.40 0.00	33.05 0.37 0.00	42.48 0.54 0.00	58.54 0.94 0.00	62.87 1.28 0.00	42.36 0.24 0.00	29.04 -0.16 0.00	28.33 -0.25 0.00	30.38 0.09 0.00	27.90 -0.14 0.00	27.37 -0.36 0.00	27.73 -0.39 0.00	29.79 -0.35 0.00	30.86 -0.20 0.00	31.49 -0.01 0.00	33.60 0.04 0.00	45.29 0.02 0.99	48.35 -0.05 0.00	49.46 0.08 0.00	47.72 -0.29 0.37	41.59 -0.49 0.71	39.16 -0.42 0.00
ORANGEVILLE_WT_PWR 323706	34.10 -0.86 0.00	34.47 -0.60 0.00	35.21 -0.83 0.00	31.90 -0.78 0.00	40.96 -0.98 0.00	56.09 -1.51 0.00	59.90 -1.69 0.00	39.70 -2.42 0.00	27.41 -1.79 0.00	27.00 -1.58 0.00	29.22 -1.08 0.00	26.77 -1.28 0.00	26.27 -1.46 0.00	26.77 -1.34 0.00	28.92 -1.21 0.00	29.89 -1.17 0.00	30.33 -1.16 0.00	32.01 -1.55 0.00	41.89 -2.71 1.66	45.43 -2.97 0.00	46.70 -2.68 0.00	44.41 -3.34 0.61	38.30 -3.30 1.19	36.77 -2.81 0.00
ORANGEVILLE___ESR 323794	34.10 -0.86 0.00	34.47 -0.60 0.00	35.21 -0.83 0.00	31.90 -0.78 0.00	40.96 -0.98 0.00	56.09 -1.51 0.00	59.90 -1.69 0.00	39.70 -2.42 0.00	27.41 -1.79 0.00	27.00 -1.58 0.00	29.22 -1.08 0.00	26.77 -1.28 0.00	26.27 -1.46 0.00	26.77 -1.34 0.00	28.92 -1.21 0.00	29.89 -1.17 0.00	30.33 -1.16 0.00	32.01 -1.55 0.00	41.89 -2.71 1.66	45.43 -2.97 0.00	46.70 -2.68 0.00	44.41 -3.34 0.61	38.30 -3.30 1.19	36.77 -2.81 0.00
OSWEGATCHIE___HYD 24044	32.76 -2.19 0.00	33.05 -2.02 0.00	34.27 -1.77 0.00	31.31 -1.36 0.00	40.53 -1.41 0.00	55.80 -1.80 0.00	59.33 -2.26 0.00	39.96 -2.16 0.00	27.25 -1.96 0.00	26.60 -1.98 0.00	28.23 -2.06 0.00	26.10 -1.93 0.00	25.92 -1.81 0.00	26.28 -1.84 0.00	28.15 -1.99 0.00	29.07 -1.99 0.00	29.64 -1.86 0.00	31.91 -1.64 0.00	44.37 -1.89 0.00	46.68 -1.72 0.00	47.48 -1.90 0.00	45.95 -2.42 0.00	40.31 -2.47 0.00	37.32 -2.26 0.00
OSWEGO___5 23606	34.09 -0.87 0.00	34.21 -0.86 0.00	35.15 -0.89 0.00	31.87 -0.81 0.00	40.92 -1.03 0.00	56.28 -1.31 0.00	60.27 -1.32 0.00	41.11 -1.02 0.00	28.47 -0.74 0.00	27.86 -0.71 0.00	29.63 -0.66 0.00	27.42 -0.62 0.00	27.09 -0.64 0.00	27.45 -0.66 0.00	29.41 -0.73 0.00	30.32 -0.74 0.00	30.76 -0.74 0.00	32.76 -0.79 0.00	45.15 -1.11 0.00	47.18 -1.22 0.00	48.16 -1.22 0.00	47.21 -1.16 0.00	41.74 -1.05 0.00	38.62 -0.96 0.00

OSWEGO___6 23613	34.09 -0.87 0.00	34.21 -0.86 0.00	35.15 -0.89 0.00	31.87 -0.81 0.00	40.92 -1.03 0.00	56.28 -1.31 0.00	60.27 -1.32 0.00	41.11 -1.02 0.00	28.47 -0.74 0.00	27.86 -0.71 0.00	29.63 -0.66 0.00	27.42 -0.62 0.00	27.09 -0.64 0.00	27.45 -0.66 0.00	29.41 -0.73 0.00	30.32 -0.74 0.00	30.76 -0.74 0.00	32.76 -0.79 0.00	45.15 -1.11 0.00	47.18 -1.22 0.00	48.16 -1.22 0.00	47.21 -1.16 0.00	41.74 -1.05 0.00	38.62 -0.96 0.00
OUTOKUMPU-AB___DRP 24206	33.71 -1.25 0.00	33.98 -1.09 0.00	34.69 -1.35 0.00	31.47 -1.21 0.00	40.51 -1.43 0.00	55.57 -2.02 0.00	59.51 -2.08 0.00	39.66 -2.46 0.00	27.61 -1.59 0.00	27.13 -1.45 0.00	29.40 -0.89 0.00	27.03 -1.02 0.00	26.61 -1.12 0.00	27.22 -0.89 0.00	29.31 -0.83 0.00	30.21 -0.84 0.00	30.41 -1.08 0.00	31.87 -1.69 0.00	42.11 -2.92 1.23	45.36 -3.04 0.00	46.55 -2.83 0.00	44.57 -3.35 0.46	39.09 -2.82 0.88	37.60 -1.98 0.00
OXBOW___BTM 323836	33.34 -1.62 0.00	33.59 -1.48 0.00	34.30 -1.74 0.00	31.12 -1.56 0.00	40.10 -1.85 0.00	54.98 -2.61 0.00	58.85 -2.74 0.00	39.24 -2.89 0.00	27.31 -1.89 0.00	26.87 -1.71 0.00	29.18 -1.11 0.00	26.85 -1.19 0.00	26.46 -1.27 0.00	27.07 -1.05 0.00	29.12 -1.01 0.00	29.99 -1.07 0.00	30.16 -1.34 0.00	31.56 -1.99 0.00	41.64 -3.40 1.22	44.85 -3.55 0.00	46.02 -3.36 0.00	44.07 -3.85 0.45	38.70 -3.21 0.87	37.29 -2.29 0.00
OXBOW___ 24026	33.34 -1.62 0.00	33.59 -1.48 0.00	34.30 -1.74 0.00	31.12 -1.56 0.00	40.09 -1.85 0.00	54.97 -2.63 0.00	58.85 -2.74 0.00	39.22 -2.90 0.00	27.32 -1.89 0.00	26.86 -1.72 0.00	29.18 -1.11 0.00	26.85 -1.18 0.00	26.46 -1.27 0.00	27.06 -1.05 0.00	29.13 -1.01 0.00	29.99 -1.07 0.00	30.18 -1.32 0.00	31.57 -1.99 0.00	41.67 -3.38 1.22	44.84 -3.56 0.00	46.01 -3.37 0.00	44.08 -3.84 0.45	38.72 -3.20 0.87	37.30 -2.28 0.00
OXY_CHEM_DSASP 323612	32.79 -2.17 0.00	33.03 -2.04 0.00	33.75 -2.29 0.00	30.61 -2.06 0.00	39.45 -2.49 0.00	54.08 -3.51 0.00	57.86 -3.73 0.00	38.56 -3.56 0.00	26.88 -2.33 0.00	26.46 -2.12 0.00	28.81 -1.48 0.00	26.54 -1.50 0.00	26.16 -1.57 0.00	26.76 -1.36 0.00	28.78 -1.35 0.00	29.60 -1.46 0.00	29.76 -1.74 0.00	31.07 -2.49 0.00	40.97 -4.08 1.21	44.10 -4.30 0.00	45.21 -4.17 0.00	43.36 -4.57 0.45	38.13 -3.80 0.86	36.81 -2.78 0.00
OZONE_PARK_ESR 323760	37.01 2.06 0.00	37.05 1.98 0.00	37.98 1.94 0.00	34.36 1.68 0.00	43.93 1.99 0.00	60.34 2.75 0.00	64.82 3.23 0.00	45.08 2.96 0.00	31.46 2.25 0.00	30.90 2.33 0.00	32.79 2.50 0.00	30.46 2.42 0.00	30.02 2.29 0.00	30.37 2.25 0.00	32.43 2.29 0.00	33.46 2.40 0.00	33.94 2.44 0.00	36.02 2.47 0.00	49.48 3.22 0.00	51.55 3.15 0.00	52.72 3.34 0.00	51.54 3.17 0.00	45.65 2.86 0.00	42.16 2.59 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.79 -2.17 0.00	33.03 -2.04 0.00	33.75 -2.29 0.00	30.61 -2.06 0.00	39.45 -2.49 0.00	54.08 -3.51 0.00	57.86 -3.73 0.00	38.56 -3.56 0.00	26.88 -2.33 0.00	26.46 -2.12 0.00	28.81 -1.48 0.00	26.54 -1.50 0.00	26.16 -1.57 0.00	26.76 -1.36 0.00	28.78 -1.35 0.00	29.60 -1.46 0.00	29.76 -1.74 0.00	31.07 -2.49 0.00	40.97 -4.08 1.21	44.10 -4.30 0.00	45.21 -4.17 0.00	43.36 -4.57 0.45	38.13 -3.80 0.86	36.81 -2.78 0.00
PACKARD___115KV_DUPONT_184 80571	32.79 -2.16 0.00	33.03 -2.04 0.00	33.75 -2.29 0.00	30.62 -2.06 0.00	39.46 -2.49 0.00	54.10 -3.50 0.00	57.87 -3.72 0.00	38.57 -3.55 0.00	26.87 -2.34 0.00	26.46 -2.11 0.00	28.81 -1.49 0.00	26.53 -1.50 0.00	26.16 -1.57 0.00	26.76 -1.36 0.00	28.78 -1.36 0.00	29.61 -1.45 0.00	29.75 -1.75 0.00	31.07 -2.49 0.00	40.95 -4.10 1.21	44.10 -4.30 0.00	45.23 -4.15 0.00	43.35 -4.57 0.45	38.12 -3.80 0.86	36.80 -2.78 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.73 1.78 0.00	36.82 1.76 0.00	37.74 1.70 0.00	34.19 1.51 0.00	43.69 1.74 0.00	60.00 2.40 0.00	64.35 2.76 0.00	44.81 2.68 0.00	31.24 2.03 -0.01	30.68 2.10 0.00	32.57 2.27 -0.01	30.27 2.22 -0.01	29.84 2.10 -0.01	30.20 2.08 -0.01	32.20 2.06 0.00	33.22 2.17 -0.01	33.69 2.20 0.00	35.74 2.18 0.00	49.06 2.80 0.00	51.12 2.72 0.00	52.31 2.93 0.00	51.16 2.79 0.00	45.38 2.59 0.00	41.92 2.34 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.49 2.54 0.00	37.66 2.59 0.00	38.63 2.59 0.00	35.00 2.32 0.00	44.67 2.73 0.00	61.43 3.84 0.00	65.88 4.29 0.00	45.90 3.78 0.00	31.95 2.74 -0.01	31.34 2.76 0.00	33.22 2.92 -0.01	30.95 2.90 -0.01	30.48 2.75 -0.01	30.85 2.73 -0.01	32.88 2.74 0.00	33.90 2.83 -0.01	34.39 2.89 0.00	36.43 2.87 0.00	50.00 3.74 0.00	52.15 3.75 0.00	53.33 3.95 0.00	52.18 3.81 0.00	46.26 3.47 0.00	42.77 3.19 0.00
PATROON___115KV_TB1 80586	35.78 0.82 0.00	35.95 0.88 0.00	36.95 0.91 0.00	33.45 0.77 0.00	42.83 0.89 0.00	58.66 1.07 0.00	62.72 1.13 0.00	43.10 0.98 0.00	30.03 0.83 0.00	29.39 0.81 0.00	31.04 0.75 0.00	28.76 0.72 0.00	28.45 0.73 0.00	28.87 0.76 0.00	30.94 0.81 0.00	31.81 0.76 0.00	32.28 0.78 0.00	34.32 0.77 0.00	47.20 0.94 0.00	49.19 0.79 0.00	50.23 0.85 0.00	49.35 0.98 0.00	43.67 0.88 0.00	40.40 0.82 0.00
PATRSNVILLE___SOLAR 323815	36.21 1.26 0.00	36.32 1.25 0.00	37.34 1.30 0.00	33.85 1.17 0.00	43.46 1.52 0.00	59.68 2.08 0.00	63.88 2.29 0.00	43.36 1.24 0.00	29.84 0.63 0.00	29.09 0.51 0.00	30.75 0.46 0.00	28.35 0.32 0.00	28.14 0.41 0.00	28.58 0.47 0.00	30.64 0.50 0.00	31.57 0.51 0.00	32.06 0.57 0.00	34.43 0.87 0.00	47.82 1.56 0.00	50.07 1.67 0.00	51.21 1.83 0.00	50.19 1.82 0.00	44.37 1.58 0.00	41.00 1.43 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.10 -0.86 0.00	34.41 -0.66 0.00	35.12 -0.92 0.00	31.85 -0.83 0.00	40.96 -0.98 0.00	56.20 -1.40 0.00	60.14 -1.45 0.00	40.10 -2.02 0.00	27.86 -1.35 0.00	27.36 -1.21 0.00	29.62 -0.67 0.00	27.17 -0.87 0.00	26.69 -1.04 0.00	27.25 -0.87 0.00	29.36 -0.77 0.00	30.30 -0.76 0.00	30.51 -0.98 0.00	32.06 -1.50 0.00	42.28 -2.59 1.40	45.78 -2.62 0.00	47.04 -2.34 0.00	44.92 -2.93 0.52	39.17 -2.63 1.00	37.62 -1.96 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.89 1.94 0.00	36.93 1.86 0.00	37.89 1.85 0.00	34.31 1.63 0.00	43.93 1.99 0.00	60.37 2.77 0.00	64.87 3.28 0.00	44.89 2.77 0.00	31.23 2.03 0.00	30.60 2.02 0.00	32.35 2.06 0.00	30.00 1.97 0.00	29.59 1.87 0.00	29.96 1.84 0.00	32.06 1.92 0.00	33.10 2.04 0.00	33.58 2.09 0.00	35.70 2.15 0.00	49.20 2.94 0.00	51.31 2.91 0.00	52.48 3.10 0.00	51.34 2.97 0.00	45.38 2.59 0.00	41.91 2.33 0.00
PEEKSKILL___ 23653	36.53 1.58 0.00	36.58 1.51 0.00	37.52 1.48 0.00	33.96 1.28 0.00	43.45 1.51 0.00	59.68 2.08 0.00	64.10 2.51 0.00	44.43 2.31 0.00	30.92 1.72 0.00	30.35 1.78 0.00	32.17 1.88 0.00	29.84 1.81 0.00	29.42 1.69 0.00	29.78 1.66 0.00	31.83 1.69 0.00	32.85 1.79 0.00	33.33 1.83 0.00	35.39 1.83 0.00	48.70 2.44 0.00	50.76 2.36 0.00	51.94 2.57 0.00	50.80 2.44 0.00	44.96 2.17 0.00	41.56 1.98 0.00

PGE MADISON___WINDPWR 24146	38.03 3.08 0.00	38.26 3.19 0.00	39.50 3.46 0.00	36.04 3.36 0.00	46.40 4.46 0.00	64.05 6.46 0.00	68.81 7.22 0.00	46.17 4.04 0.00	31.04 1.83 0.00	29.74 1.16 0.00	31.58 1.29 0.00	28.94 0.90 0.00	28.87 1.14 0.00	29.06 0.95 0.00	31.16 1.02 0.00	32.20 1.15 0.00	32.83 1.34 0.00	36.08 2.52 0.00	50.77 4.26 -0.24	52.68 4.28 0.00	53.54 4.16 0.00	51.40 2.94 -0.09	45.30 2.34 -0.17	41.17 1.59 0.00
PIERCEFIELD___HYD 23852	33.46 -1.49 0.00	33.56 -1.51 0.00	34.57 -1.47 0.00	31.46 -1.22 0.00	40.51 -1.43 0.00	55.67 -1.93 0.00	59.33 -2.26 0.00	40.42 -1.70 0.00	27.77 -1.43 0.00	27.15 -1.43 0.00	28.72 -1.57 0.00	26.57 -1.48 0.00	26.34 -1.39 0.00	26.70 -1.41 0.00	28.65 -1.49 0.00	29.55 -1.51 0.00	30.03 -1.47 0.00	32.17 -1.39 0.00	44.52 -1.75 0.00	46.87 -1.53 0.00	47.69 -1.69 0.00	46.42 -1.95 0.00	41.02 -1.76 0.00	37.88 -1.70 0.00
PINELAWN_CC_1 323563	36.53 1.57 0.00	36.73 1.66 0.00	37.77 1.73 0.00	34.14 1.46 0.00	43.29 1.35 0.00	48.28 1.38 10.70	62.91 1.92 0.61	28.71 2.09 15.50	26.12 1.62 4.70	30.50 1.93 0.00	32.85 2.51 -0.06	30.40 2.36 0.00	33.65 2.19 -3.73	30.33 2.22 0.00	32.26 2.13 0.00	33.22 2.17 0.00	33.60 2.11 0.00	35.59 1.82 -0.22	48.61 2.35 0.00	48.42 2.23 2.21	51.81 2.43 0.00	50.85 2.48 0.00	44.82 2.04 0.01	41.70 2.12 0.00
PJM_GEN_HTP_PROXY 323702	36.73 1.77 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.11 1.43 0.00	43.62 1.68 0.00	59.88 2.29 0.00	64.30 2.71 0.00	44.70 2.58 0.00	31.19 1.99 0.00	30.66 2.08 0.00	32.53 2.24 0.00	30.22 2.18 0.00	29.08 2.06 0.71	30.12 2.02 0.02	32.19 2.05 0.00	33.20 2.14 0.00	33.67 2.18 0.00	35.73 2.17 0.00	48.87 2.80 0.20	51.08 2.69 0.00	52.24 2.86 0.00	51.08 2.71 0.00	45.25 2.46 0.00	41.83 2.25 0.00
PJM_GEN_KEystone 24065	35.23 0.27 0.00	35.45 0.38 0.00	36.28 0.24 0.00	32.85 0.17 0.00	42.09 0.15 0.00	57.85 0.26 0.00	62.03 0.44 0.00	42.32 0.20 0.00	29.37 0.17 0.00	28.82 0.25 0.00	30.83 0.54 0.00	28.45 0.41 0.00	27.27 0.25 0.71	28.37 0.27 0.02	30.42 0.28 0.00	31.40 0.34 0.00	31.77 0.27 0.00	33.58 0.03 0.00	45.19 -0.18 0.89	48.24 -0.16 0.00	55.39 0.14 -5.87	42.68 -0.22 5.48	42.03 -0.26 0.49	39.50 -0.07 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.30 1.35 0.00	36.51 1.45 0.00	37.51 1.47 0.00	33.92 1.24 0.00	43.08 1.14 0.00	45.11 1.11 13.59	60.61 1.59 2.57	24.69 1.85 19.28	24.76 1.47 5.91	30.35 1.77 0.00	32.64 2.30 -0.05	30.26 2.22 0.00	30.70 2.06 -0.91	30.15 2.05 0.02	32.15 2.01 0.00	33.11 2.06 0.00	33.41 1.91 0.00	35.25 1.69 0.00	48.15 2.09 0.20	47.56 1.91 2.75	51.48 2.11 0.00	50.49 2.13 0.00	44.58 1.80 0.01	41.43 1.86 0.00
PJM_GEN_VFT_PROXY 323633	36.65 1.70 0.00	36.67 1.60 0.00	37.59 1.55 0.00	34.00 1.33 0.00	43.47 1.53 0.00	59.67 2.08 0.00	64.04 2.46 0.01	44.58 2.45 0.00	31.10 1.90 0.00	30.56 1.99 0.00	32.43 2.14 0.00	30.11 2.07 0.00	29.00 1.98 0.71	30.02 1.92 0.02	32.08 1.94 0.00	33.11 2.05 0.00	33.59 2.09 0.00	35.64 2.08 0.00	48.73 2.67 0.20	50.94 2.54 0.00	52.10 2.72 0.00	50.96 2.59 0.00	45.16 2.37 0.00	41.74 2.16 0.00
PLATSBURG_115KV_PMLD1 355749	35.14 0.18 0.00	35.17 0.10 0.00	36.22 0.18 0.00	32.91 0.23 0.00	42.26 0.31 0.00	57.90 0.30 0.00	61.37 -0.22 0.00	42.11 -0.02 0.00	29.27 0.07 0.00	28.61 0.03 0.00	30.20 -0.09 0.00	27.87 -0.17 0.00	27.59 -0.14 0.00	28.00 -0.12 0.00	30.14 0.01 0.00	30.99 -0.07 0.00	31.47 -0.02 0.00	33.64 0.08 0.00	46.29 0.03 0.00	48.54 0.14 0.00	49.36 -0.02 0.00	48.44 0.08 0.00	42.89 0.10 0.00	39.40 -0.18 0.00
PLEASANTVLY___LBMP 24000	36.39 1.43 0.00	36.45 1.38 0.00	37.41 1.37 0.00	33.87 1.19 0.00	43.35 1.41 0.00	59.51 1.92 0.00	63.85 2.26 0.00	44.17 2.05 0.00	30.77 1.56 0.00	30.19 1.61 0.00	31.92 1.63 0.00	29.61 1.57 0.00	29.23 1.49 0.00	29.58 1.47 0.00	31.65 1.52 0.00	32.64 1.58 0.00	33.09 1.59 0.00	35.15 1.59 0.00	48.42 2.16 0.00	50.47 2.07 0.00	51.60 2.22 0.00	50.52 2.15 0.00	44.71 1.92 0.00	41.34 1.76 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.69 1.74 0.00	36.73 1.66 0.00	37.68 1.64 0.00	34.10 1.42 0.00	43.63 1.68 0.00	59.90 2.31 0.00	64.31 2.72 0.00	44.61 2.49 0.00	31.09 1.88 0.00	30.53 1.95 0.00	32.37 2.08 0.00	30.04 2.00 0.00	29.62 1.89 0.00	29.98 1.87 0.00	32.04 1.90 0.00	33.06 2.00 0.00	33.51 2.02 0.00	35.57 2.02 0.00	48.92 2.66 0.00	50.97 2.57 0.00	52.14 2.76 0.00	51.02 2.65 0.00	45.14 2.36 0.00	41.73 2.15 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.69 1.74 0.00	36.73 1.66 0.00	37.68 1.64 0.00	34.10 1.42 0.00	43.63 1.68 0.00	59.90 2.31 0.00	64.31 2.72 0.00	44.61 2.49 0.00	31.09 1.88 0.00	30.53 1.95 0.00	32.37 2.08 0.00	30.04 2.00 0.00	29.62 1.89 0.00	29.98 1.87 0.00	32.04 1.90 0.00	33.06 2.00 0.00	33.51 2.02 0.00	35.57 2.02 0.00	48.92 2.66 0.00	50.97 2.57 0.00	52.14 2.76 0.00	51.02 2.65 0.00	45.14 2.36 0.00	41.73 2.15 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.73 1.78 0.00	36.80 1.73 0.00	37.78 1.74 0.00	34.22 1.54 0.00	43.81 1.87 0.00	60.19 2.59 0.00	64.60 3.01 0.00	44.64 2.52 0.00	31.04 1.84 0.00	30.38 1.80 0.00	32.08 1.79 0.00	29.73 1.69 0.00	29.35 1.62 0.00	29.73 1.62 0.00	31.83 1.69 0.00	32.88 1.82 0.00	33.37 1.88 0.00	35.48 1.92 0.00	48.93 2.67 0.00	51.05 2.65 0.00	52.19 2.81 0.00	51.08 2.72 0.00	45.17 2.38 0.00	41.73 2.15 0.00
POLETTI___ 23519	36.69 1.74 0.00	36.74 1.67 0.00	37.67 1.63 0.00	34.09 1.41 0.00	43.57 1.63 0.00	59.81 2.21 0.00	64.21 2.62 0.00	44.67 2.55 0.00	31.17 1.97 0.00	30.64 2.06 0.00	32.52 2.24 0.00	30.22 2.18 0.00	29.80 2.07 0.00	30.15 2.04 0.00	32.18 2.05 0.00	33.20 2.15 0.00	33.67 2.17 0.00	35.72 2.17 0.00	49.03 2.76 0.00	51.06 2.66 0.00	52.20 2.82 0.00	51.04 2.67 0.00	45.22 2.44 0.00	41.80 2.22 0.00
POMONA___ESR 323819	36.59 1.63 0.00	36.64 1.57 0.00	37.56 1.52 0.00	34.00 1.32 0.00	43.50 1.55 0.00	59.79 2.20 0.00	64.27 2.68 0.00	44.52 2.40 0.00	30.95 1.75 0.00	30.38 1.80 0.00	32.19 1.90 0.00	29.86 1.82 0.00	29.41 1.69 0.00	29.78 1.67 0.00	31.85 1.71 0.00	32.88 1.82 0.00	33.36 1.86 0.00	35.42 1.86 0.00	48.77 2.51 0.00	50.84 2.44 0.00	52.03 2.66 0.00	50.88 2.52 0.00	45.02 2.23 0.00	41.61 2.03 0.00
PORT_JEFF_3 23555	36.42 1.46 0.00	36.65 1.58 0.00	37.67 1.63 0.00	34.06 1.39 0.00	43.05 1.10 0.00	46.11 0.85 12.34	68.61 1.26 -5.76	27.09 1.70 16.73	25.71 1.41 4.90	30.34 1.76 0.00	32.82 2.48 -0.05	30.43 2.39 0.00	33.67 2.22 -3.73	30.34 2.23 0.00	32.29 2.15 0.00	33.24 2.18 0.00	33.45 1.95 0.00	36.51 1.77 -1.18	48.37 2.11 0.00	47.62 1.76 2.54	51.32 1.95 0.00	50.49 2.12 0.00	44.46 1.68 0.01	41.35 1.77 0.00

PORT_JEFF_4 23616	36.42 1.46 0.00	36.65 1.58 0.00	37.67 1.63 0.00	34.06 1.39 0.00	43.05 1.10 0.00	46.11 0.85 12.34	68.61 1.26 -5.76	27.09 1.70 16.73	25.71 1.41 4.90	30.34 1.76 0.00	32.82 2.48 -0.05	30.43 2.39 0.00	33.67 2.22 -3.73	30.34 2.23 0.00	32.29 2.15 0.00	33.24 2.18 0.00	33.45 1.95 0.00	36.51 1.77 -1.18	48.37 2.11 0.00	47.62 1.76 2.54	51.32 1.95 0.00	50.49 2.12 0.00	44.46 1.68 0.01	41.35 1.77 0.00
PORT_JEFF_IC 23713	36.45 1.49 0.00	36.68 1.61 0.00	37.70 1.66 0.00	34.09 1.41 0.00	43.10 1.16 0.00	46.29 1.00 12.31	67.32 1.40 -4.33	27.11 1.81 16.83	25.72 1.48 4.97	30.38 1.81 0.00	32.85 2.51 -0.05	30.45 2.41 0.00	33.69 2.24 -3.73	30.37 2.26 0.00	32.32 2.19 0.00	33.28 2.22 0.00	33.47 1.97 0.00	36.34 1.81 -0.97	48.44 2.18 0.00	47.69 1.81 2.53	51.40 2.02 0.00	50.57 2.20 0.00	44.50 1.72 0.01	41.39 1.81 0.00
PPL_PILGRIM_ST_GT1 24216	36.60 1.65 0.00	36.84 1.77 0.00	37.88 1.84 0.00	34.25 1.58 0.00	43.38 1.44 0.00	47.01 1.42 12.00	68.80 1.99 -5.22	27.95 2.14 16.32	26.06 1.65 4.79	30.55 1.98 0.00	32.97 2.62 -0.05	30.54 2.50 0.00	33.78 2.32 -3.73	30.43 2.32 0.00	32.41 2.27 0.00	33.37 2.31 0.00	33.66 2.16 0.00	36.59 1.94 -1.09	48.70 2.43 0.00	48.15 2.22 2.47	51.74 2.36 0.00	50.89 2.53 0.00	44.84 2.06 0.01	41.72 2.14 0.00
PPL_PILGRIM_ST_GT2 24217	36.60 1.65 0.00	36.84 1.77 0.00	37.88 1.84 0.00	34.25 1.58 0.00	43.38 1.44 0.00	47.01 1.42 12.00	68.80 1.99 -5.22	27.95 2.14 16.32	26.06 1.65 4.79	30.55 1.98 0.00	32.97 2.62 -0.05	30.54 2.50 0.00	33.78 2.32 -3.73	30.43 2.32 0.00	32.41 2.27 0.00	33.37 2.31 0.00	33.66 2.16 0.00	36.59 1.94 -1.09	48.70 2.43 0.00	48.15 2.22 2.47	51.74 2.36 0.00	50.89 2.53 0.00	44.84 2.06 0.01	41.72 2.14 0.00
PPL_SHRM_GT3 24213	36.60 1.65 0.00	36.82 1.75 0.00	37.85 1.81 0.00	34.24 1.56 0.00	43.34 1.40 0.00	46.68 1.40 12.31	68.94 1.95 -5.41	27.41 2.03 16.73	25.91 1.62 4.91	30.53 1.96 0.00	33.01 2.66 -0.05	30.58 2.54 0.00	33.83 2.38 -3.73	30.53 2.42 0.00	32.40 2.27 0.00	33.37 2.32 0.00	33.64 2.15 0.00	36.76 2.07 -1.13	48.61 2.34 0.00	47.49 1.62 2.53	51.21 1.83 0.00	50.66 2.29 0.00	44.47 1.68 0.01	41.31 1.74 0.00
PPL_SHRM_GT4 24214	36.60 1.65 0.00	36.82 1.75 0.00	37.85 1.81 0.00	34.24 1.56 0.00	43.34 1.40 0.00	46.68 1.40 12.31	68.94 1.95 -5.41	27.41 2.03 16.73	25.91 1.62 4.91	30.53 1.96 0.00	33.01 2.66 -0.05	30.58 2.54 0.00	33.83 2.38 -3.73	30.53 2.42 0.00	32.40 2.27 0.00	33.37 2.32 0.00	33.64 2.15 0.00	36.76 2.07 -1.13	48.61 2.34 0.00	47.49 1.62 2.53	51.21 1.83 0.00	50.66 2.29 0.00	44.47 1.68 0.01	41.31 1.74 0.00
PROJECT___ORANGE 1 24174	34.54 -0.42 0.00	34.66 -0.41 0.00	35.60 -0.44 0.00	32.26 -0.41 0.00	41.44 -0.51 0.00	57.03 -0.57 0.00	61.12 -0.47 0.00	41.65 -0.48 0.00	28.82 -0.38 0.00	28.22 -0.36 0.00	30.05 -0.24 0.00	27.81 -0.23 0.00	27.45 -0.28 0.00	27.77 -0.34 0.00	29.77 -0.37 0.00	30.71 -0.35 0.00	31.19 -0.30 0.00	33.23 -0.33 0.00	45.76 -0.50 0.00	47.82 -0.58 0.00	48.83 -0.55 0.00	47.82 -0.55 0.00	42.24 -0.55 0.00	39.07 -0.51 0.00
PROJECT___ORANGE 2 24166	34.54 -0.42 0.00	34.66 -0.41 0.00	35.60 -0.44 0.00	32.26 -0.41 0.00	41.44 -0.51 0.00	57.03 -0.57 0.00	61.12 -0.47 0.00	41.65 -0.48 0.00	28.82 -0.38 0.00	28.22 -0.36 0.00	30.05 -0.24 0.00	27.81 -0.23 0.00	27.45 -0.28 0.00	27.77 -0.34 0.00	29.77 -0.37 0.00	30.71 -0.35 0.00	31.19 -0.30 0.00	33.23 -0.33 0.00	45.76 -0.50 0.00	47.82 -0.58 0.00	48.83 -0.55 0.00	47.82 -0.55 0.00	42.24 -0.55 0.00	39.07 -0.51 0.00
PUCKETT___SOLAR 323809	35.96 1.00 0.00	36.16 1.09 0.00	37.17 1.13 0.00	33.74 1.06 0.00	43.32 1.37 0.00	59.60 2.01 0.00	63.93 2.34 0.00	43.41 1.28 0.00	29.75 0.55 0.00	28.86 0.28 0.00	30.75 0.46 0.00	28.42 0.38 0.00	28.05 0.32 0.00	28.38 0.26 0.00	30.46 0.32 0.00	31.37 0.31 0.00	31.95 0.45 0.00	34.34 0.78 0.00	48.52 1.20 -1.06	49.58 1.18 0.00	50.64 1.26 0.00	49.78 1.02 -0.39	44.26 0.72 -0.75	40.12 0.54 0.00
PYRITES___HYD 24023	34.39 -0.56 0.00	34.50 -0.57 0.00	35.48 -0.56 0.00	32.29 -0.39 0.00	41.59 -0.36 0.00	57.24 -0.35 0.00	61.04 -0.55 0.00	41.39 -0.74 0.00	28.30 -0.90 0.00	27.60 -0.97 0.00	29.23 -1.05 0.00	27.03 -1.01 0.00	26.76 -0.96 0.00	27.14 -0.97 0.00	29.11 -1.03 0.00	30.02 -1.03 0.00	30.50 -1.00 0.00	32.73 -0.83 0.00	45.41 -0.85 0.00	48.14 -0.26 0.00	49.07 -0.31 0.00	47.77 -0.60 0.00	42.22 -0.57 0.00	38.98 -0.60 0.00
QUAKERRD_115KV_BK1 80622	34.71 -0.24 0.00	34.88 -0.19 0.00	35.73 -0.31 0.00	32.40 -0.28 0.00	41.67 -0.27 0.00	57.63 0.03 0.00	61.84 0.25 0.00	41.84 -0.28 0.00	28.96 -0.25 0.00	28.40 -0.18 0.00	30.31 0.02 0.00	27.93 -0.11 0.00	27.54 -0.19 0.00	27.97 -0.14 0.00	30.06 -0.07 0.00	31.06 0.01 0.00	31.52 0.03 0.00	33.45 -0.11 0.00	45.26 -0.36 0.64	48.01 -0.39 0.00	49.12 -0.26 0.00	47.62 -0.51 0.23	41.81 -0.53 0.45	39.27 -0.31 0.00
QUENSBRY_115KV_TB8 356137	36.35 1.39 0.00	36.36 1.29 0.00	37.37 1.33 0.00	33.96 1.28 0.00	43.68 1.74 0.00	59.96 2.36 0.00	64.17 2.58 0.00	43.71 1.59 0.00	30.32 1.12 0.00	29.38 0.81 0.00	30.91 0.62 0.00	28.45 0.41 0.00	28.08 0.34 0.00	28.39 0.28 0.00	30.51 0.37 0.00	31.22 0.16 0.00	31.86 0.36 0.00	34.17 0.62 0.00	47.67 1.40 0.00	49.94 1.54 0.00	50.94 1.57 0.00	50.18 1.81 0.00	44.43 1.64 0.00	41.09 1.51 0.00
RAMAPO___LBMP 323565	36.46 1.50 0.00	36.51 1.43 0.00	37.44 1.40 0.00	33.88 1.20 0.00	43.36 1.42 0.00	59.61 2.01 0.00	64.03 2.44 0.00	44.35 2.23 0.00	30.83 1.62 0.00	30.24 1.67 0.00	32.03 1.74 0.00	29.72 1.68 0.00	29.27 1.54 0.00	29.64 1.52 0.00	31.69 1.56 0.00	32.72 1.66 0.00	33.20 1.70 0.00	35.26 1.70 0.00	48.55 2.29 0.00	50.64 2.24 0.00	51.84 2.47 0.00	50.70 2.33 0.00	44.85 2.06 0.00	41.46 1.88 0.00
RANKINE___ 23646	34.04 -0.92 0.00	34.35 -0.72 0.00	35.05 -0.99 0.00	31.78 -0.90 0.00	40.86 -1.08 0.00	56.05 -1.55 0.00	59.99 -1.60 0.00	39.95 -2.17 0.00	27.76 -1.44 0.00	27.28 -1.30 0.00	29.56 -0.73 0.00	27.13 -0.90 0.00	26.70 -1.03 0.00	27.28 -0.84 0.00	29.36 -0.78 0.00	30.29 -0.78 0.00	30.51 -0.98 0.00	32.05 -1.50 0.00	42.26 -2.64 1.36	45.70 -2.70 0.00	46.92 -2.45 0.00	44.82 -3.04 0.50	39.14 -2.68 0.97	37.59 -1.98 0.00
RAVENSWOOD_GT2_1 24244	36.71 1.75 0.00	36.75 1.68 0.00	37.68 1.65 0.00	34.10 1.42 0.00	43.59 1.65 0.00	59.85 2.26 0.00	64.24 2.65 0.00	44.67 2.55 0.00	31.18 1.98 0.00	30.66 2.08 0.00	32.52 2.24 0.00	30.23 2.19 0.00	29.80 2.07 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.21 2.15 0.00	33.67 2.17 0.00	35.72 2.17 0.00	49.04 2.78 0.00	51.08 2.67 0.00	52.20 2.83 0.00	51.06 2.69 0.00	45.24 2.45 0.00	41.81 2.23 0.00

RAVENSWOOD_GT2_2 24245	36.71 1.75 0.00	36.75 1.68 0.00	37.68 1.65 0.00	34.10 1.42 0.00	43.59 1.65 0.00	59.85 2.26 0.00	64.24 2.65 0.00	44.67 2.55 0.00	31.18 1.98 0.00	30.66 2.08 0.00	32.52 2.24 0.00	30.23 2.19 0.00	29.80 2.07 0.00	30.15 2.04 0.00	32.19 2.05 0.00	33.21 2.15 0.00	33.67 2.17 0.00	35.72 2.17 0.00	49.04 2.78 0.00	51.08 2.67 0.00	52.20 2.83 0.00	51.06 2.69 0.00	45.24 2.45 0.00	41.81 2.23 0.00
RAVENSWOOD_GT2_3 24246	36.73 1.77 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.11 1.43 0.00	43.61 1.67 0.00	59.86 2.27 0.00	64.27 2.68 0.00	44.70 2.58 0.00	31.20 1.99 0.00	30.67 2.09 0.00	32.55 2.26 0.00	30.25 2.21 0.00	29.82 2.09 0.00	30.16 2.05 0.00	32.20 2.07 0.00	33.24 2.18 0.00	33.69 2.19 0.00	35.75 2.19 0.00	49.07 2.81 0.00	51.08 2.68 0.00	52.24 2.86 0.00	51.08 2.71 0.00	45.25 2.47 0.00	41.82 2.25 0.00
RAVENSWOOD_GT2_4 24247	36.73 1.77 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.11 1.43 0.00	43.61 1.67 0.00	59.86 2.27 0.00	64.27 2.68 0.00	44.70 2.58 0.00	31.20 1.99 0.00	30.67 2.09 0.00	32.55 2.26 0.00	30.25 2.21 0.00	29.82 2.09 0.00	30.16 2.05 0.00	32.20 2.07 0.00	33.24 2.18 0.00	33.69 2.19 0.00	35.75 2.19 0.00	49.07 2.81 0.00	51.08 2.68 0.00	52.24 2.86 0.00	51.08 2.71 0.00	45.25 2.47 0.00	41.82 2.25 0.00
RAVENSWOOD_GT3_1 24248	36.73 1.77 0.00	36.77 1.70 0.00	37.70 1.66 0.00	34.12 1.44 0.00	43.63 1.69 0.00	59.90 2.31 0.00	64.29 2.70 0.00	44.72 2.59 0.00	31.20 1.99 0.00	30.67 2.09 0.00	32.55 2.26 0.00	30.23 2.19 0.00	29.81 2.08 0.00	30.16 2.04 0.00	32.20 2.07 0.00	33.22 2.17 0.00	33.69 2.19 0.00	35.75 2.19 0.00	49.07 2.81 0.00	51.10 2.70 0.00	52.25 2.87 0.00	51.09 2.72 0.00	45.27 2.48 0.00	41.84 2.26 0.00
RAVENSWOOD_GT3_2 24249	36.73 1.77 0.00	36.77 1.70 0.00	37.70 1.66 0.00	34.12 1.44 0.00	43.63 1.69 0.00	59.90 2.31 0.00	64.29 2.70 0.00	44.72 2.59 0.00	31.20 1.99 0.00	30.67 2.09 0.00	32.55 2.26 0.00	30.23 2.19 0.00	29.81 2.08 0.00	30.16 2.04 0.00	32.20 2.07 0.00	33.22 2.17 0.00	33.69 2.19 0.00	35.75 2.19 0.00	49.07 2.81 0.00	51.10 2.70 0.00	52.25 2.87 0.00	51.09 2.72 0.00	45.27 2.48 0.00	41.84 2.26 0.00
RAVENSWOOD_GT3_3 24250	36.78 1.82 0.00	36.81 1.74 0.00	37.75 1.71 0.00	34.16 1.48 0.00	43.68 1.74 0.00	59.98 2.38 0.00	64.38 2.79 0.00	44.77 2.65 0.00	31.25 2.05 0.00	30.72 2.14 0.00	32.60 2.31 0.00	30.28 2.24 0.00	29.86 2.13 0.00	30.21 2.09 0.00	32.25 2.11 0.00	33.27 2.22 0.00	33.74 2.24 0.00	35.80 2.24 0.00	49.14 2.88 0.00	51.17 2.78 0.00	52.32 2.94 0.00	51.16 2.80 0.00	45.33 2.54 0.00	41.90 2.32 0.00
RAVENSWOOD_GT3_4 24251	36.78 1.82 0.00	36.81 1.74 0.00	37.75 1.71 0.00	34.16 1.48 0.00	43.68 1.74 0.00	59.98 2.38 0.00	64.38 2.79 0.00	44.77 2.65 0.00	31.25 2.05 0.00	30.72 2.14 0.00	32.60 2.31 0.00	30.28 2.24 0.00	29.86 2.13 0.00	30.21 2.09 0.00	32.25 2.11 0.00	33.27 2.22 0.00	33.74 2.24 0.00	35.80 2.24 0.00	49.14 2.88 0.00	51.17 2.78 0.00	52.32 2.94 0.00	51.16 2.80 0.00	45.33 2.54 0.00	41.90 2.32 0.00
RAVENSWOOD_GT_1 23729	36.81 1.86 0.00	36.87 1.80 0.00	37.80 1.75 0.00	34.21 1.53 0.00	43.72 1.78 0.00	59.97 2.38 0.00	64.32 2.73 0.00	44.84 2.72 0.00	31.32 2.11 -0.01	30.80 2.22 0.00	32.71 2.41 -0.01	30.40 2.35 -0.01	29.96 2.22 -0.01	30.31 2.19 -0.01	32.35 2.21 0.00	33.38 2.32 -0.01	33.84 2.34 0.00	35.89 2.33 0.00	49.20 2.94 0.00	51.21 2.81 0.00	52.35 2.97 0.00	51.18 2.81 0.00	45.41 2.62 0.00	41.97 2.39 0.00
RAVENSWOOD_GT_10 24258	36.70 1.75 0.00	36.74 1.67 0.00	37.68 1.65 0.00	34.09 1.42 0.00	43.59 1.65 0.00	59.85 2.25 0.00	64.24 2.65 0.00	44.67 2.55 0.00	31.17 1.97 0.00	30.64 2.07 0.00	32.53 2.24 0.00	30.22 2.18 0.00	29.80 2.07 0.00	30.14 2.03 0.00	32.18 2.05 0.00	33.20 2.15 0.00	33.67 2.17 0.00	35.72 2.17 0.00	49.03 2.77 0.00	51.08 2.67 0.00	52.20 2.82 0.00	51.06 2.69 0.00	45.23 2.45 0.00	41.80 2.22 0.00
RAVENSWOOD_GT_11 24259	36.70 1.75 0.00	36.74 1.67 0.00	37.68 1.65 0.00	34.09 1.42 0.00	43.59 1.65 0.00	59.85 2.25 0.00	64.24 2.65 0.00	44.67 2.55 0.00	31.17 1.97 0.00	30.64 2.07 0.00	32.53 2.24 0.00	30.22 2.18 0.00	29.80 2.07 0.00	30.14 2.03 0.00	32.18 2.05 0.00	33.20 2.15 0.00	33.67 2.17 0.00	35.72 2.17 0.00	49.03 2.77 0.00	51.08 2.67 0.00	52.20 2.82 0.00	51.06 2.69 0.00	45.23 2.45 0.00	41.80 2.22 0.00
RAVENSWOOD_GT_4 24252	36.75 1.80 0.00	36.79 1.73 0.00	37.73 1.69 0.00	34.14 1.46 0.00	43.65 1.71 0.00	59.91 2.32 0.00	64.30 2.71 0.00	44.75 2.63 0.00	31.23 2.03 0.00	30.69 2.12 0.00	32.60 2.31 0.00	30.29 2.24 -0.01	29.86 2.13 -0.01	30.21 2.09 -0.01	32.25 2.11 0.00	33.28 2.21 -0.01	33.74 2.23 0.00	35.79 2.24 0.00	49.10 2.84 0.00	51.13 2.73 0.00	52.27 2.90 0.00	51.11 2.74 0.00	45.31 2.52 0.00	41.87 2.29 0.00
RAVENSWOOD_GT_5 24254	36.75 1.80 0.00	36.79 1.73 0.00	37.73 1.69 0.00	34.14 1.46 0.00	43.65 1.71 0.00	59.91 2.32 0.00	64.30 2.71 0.00	44.75 2.63 0.00	31.23 2.03 0.00	30.69 2.12 0.00	32.60 2.31 0.00	30.29 2.24 -0.01	29.86 2.13 -0.01	30.21 2.09 -0.01	32.25 2.11 0.00	33.28 2.21 -0.01	33.74 2.23 0.00	35.79 2.24 0.00	49.10 2.84 0.00	51.13 2.73 0.00	52.27 2.90 0.00	51.11 2.74 0.00	45.31 2.52 0.00	41.87 2.29 0.00
RAVENSWOOD_GT_6 24253	36.75 1.80 0.00	36.79 1.73 0.00	37.73 1.69 0.00	34.14 1.46 0.00	43.65 1.71 0.00	59.91 2.32 0.00	64.30 2.71 0.00	44.75 2.63 0.00	31.23 2.03 0.00	30.69 2.12 0.00	32.60 2.31 0.00	30.29 2.24 -0.01	29.86 2.13 -0.01	30.21 2.09 -0.01	32.25 2.11 0.00	33.28 2.21 -0.01	33.74 2.23 0.00	35.79 2.24 0.00	49.10 2.84 0.00	51.13 2.73 0.00	52.27 2.90 0.00	51.11 2.74 0.00	45.31 2.52 0.00	41.87 2.29 0.00
RAVENSWOOD_GT_7 24255	36.75 1.80 0.00	36.79 1.73 0.00	37.73 1.69 0.00	34.14 1.46 0.00	43.65 1.71 0.00	59.91 2.32 0.00	64.30 2.71 0.00	44.75 2.63 0.00	31.23 2.03 0.00	30.69 2.12 0.00	32.60 2.31 0.00	30.29 2.24 -0.01	29.86 2.13 -0.01	30.21 2.09 -0.01	32.25 2.11 0.00	33.28 2.21 -0.01	33.74 2.23 0.00	35.79 2.24 0.00	49.10 2.84 0.00	51.13 2.73 0.00	52.27 2.90 0.00	51.11 2.74 0.00	45.31 2.52 0.00	41.87 2.29 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.70 1.75 0.00	36.74 1.67 0.00	37.68 1.65 0.00	34.09 1.42 0.00	43.59 1.65 0.00	59.85 2.25 0.00	64.24 2.65 0.00	44.67 2.55 0.00	31.17 1.97 0.00	30.64 2.07 0.00	32.53 2.24 0.00	30.22 2.18 0.00	29.80 2.07 0.00	30.14 2.03 0.00	32.18 2.05 0.00	33.20 2.15 0.00	33.67 2.17 0.00	35.72 2.17 0.00	49.03 2.77 0.00	51.08 2.67 0.00	52.20 2.82 0.00	51.06 2.69 0.00	45.23 2.45 0.00	41.80 2.22 0.00

RAVENSWOOD_GT_9 24257	36.70 1.75 0.00	36.74 1.67 0.00	37.68 1.65 0.00	34.09 1.42 0.00	43.59 1.65 0.00	59.85 2.25 0.00	64.24 2.65 0.00	44.67 2.55 0.00	31.17 1.97 0.00	30.64 2.07 0.00	32.53 2.24 0.00	30.22 2.18 0.00	29.80 2.07 0.00	30.14 2.03 0.00	32.18 2.05 0.00	33.20 2.15 0.00	33.67 2.17 0.00	35.72 2.17 0.00	49.03 2.77 0.00	51.08 2.67 0.00	52.20 2.82 0.00	51.06 2.69 0.00	45.23 2.45 0.00	41.80 2.22 0.00
RAVENSWOOD___1 23533	36.81 1.86 0.00	36.87 1.79 0.00	37.79 1.75 0.00	34.21 1.53 0.00	43.72 1.78 0.00	59.98 2.38 0.00	64.34 2.75 0.00	44.83 2.71 0.00	31.32 2.11 -0.01	30.79 2.21 0.00	32.70 2.40 -0.01	30.37 2.33 -0.01	29.96 2.22 -0.01	30.31 2.19 -0.01	32.35 2.21 0.00	33.37 2.31 -0.01	33.84 2.34 0.00	35.88 2.32 0.00	49.21 2.95 0.00	51.22 2.82 0.00	52.35 2.97 0.00	51.19 2.82 0.00	45.42 2.62 0.00	41.97 2.39 0.00
RAVENSWOOD___2 23534	36.81 1.85 0.00	36.87 1.79 0.00	37.79 1.75 0.00	34.21 1.53 0.00	43.72 1.78 0.00	59.99 2.40 0.00	64.35 2.76 0.00	44.84 2.72 0.00	31.32 2.11 -0.01	30.79 2.21 0.00	32.69 2.40 -0.01	30.37 2.33 -0.01	29.95 2.22 -0.01	30.31 2.19 -0.01	32.34 2.20 0.00	33.37 2.31 -0.01	33.83 2.33 0.00	35.88 2.32 0.00	49.21 2.95 0.00	51.22 2.82 0.00	52.36 2.98 0.00	51.20 2.83 0.00	45.41 2.62 0.00	41.97 2.39 0.00
RAVENSWOOD___3 23535	36.73 1.77 0.00	36.76 1.69 0.00	37.70 1.66 0.00	34.11 1.43 0.00	43.61 1.67 0.00	59.86 2.27 0.00	64.26 2.68 0.00	44.68 2.56 0.00	31.19 1.99 0.00	30.66 2.08 0.00	32.54 2.25 0.00	30.23 2.19 0.00	29.81 2.07 0.00	30.16 2.04 0.00	32.19 2.06 0.00	33.21 2.16 0.00	33.68 2.19 0.00	35.73 2.18 0.00	49.06 2.80 0.00	51.08 2.68 0.00	52.23 2.85 0.00	51.08 2.71 0.00	45.25 2.46 0.00	41.83 2.25 0.00
RAVENSWOOD___4 23820	36.81 1.85 0.00	36.87 1.79 0.00	37.79 1.75 0.00	34.21 1.53 0.00	43.72 1.78 0.00	59.99 2.40 0.00	64.35 2.76 0.00	44.84 2.72 0.00	31.32 2.11 -0.01	30.79 2.21 0.00	32.69 2.40 -0.01	30.37 2.33 -0.01	29.95 2.22 -0.01	30.31 2.19 -0.01	32.34 2.20 0.00	33.37 2.31 -0.01	33.83 2.33 0.00	35.88 2.32 0.00	49.21 2.95 0.00	51.22 2.82 0.00	52.36 2.98 0.00	51.20 2.83 0.00	45.41 2.62 0.00	41.97 2.39 0.00
RCPI_TRUST___DRP 24196	36.73 1.77 0.00	36.77 1.70 0.00	37.70 1.66 0.00	34.12 1.44 0.00	43.63 1.69 0.00	59.91 2.31 0.00	64.31 2.72 0.00	44.71 2.59 0.00	31.20 1.99 0.00	30.67 2.09 0.00	32.54 2.26 0.00	30.22 2.18 0.00	29.80 2.07 0.00	30.14 2.03 0.00	32.19 2.05 0.00	33.22 2.16 0.00	33.68 2.18 0.00	35.74 2.19 0.00	49.07 2.81 0.00	51.10 2.70 0.00	52.25 2.87 0.00	51.09 2.72 0.00	45.26 2.47 0.00	41.83 2.26 0.00
RED___ROCHESTER 323720	35.17 0.21 0.00	35.34 0.27 0.00	36.18 0.14 0.00	32.80 0.12 0.00	42.22 0.27 0.00	58.45 0.86 0.00	62.76 1.17 0.00	42.49 0.37 0.00	29.41 0.20 0.00	28.86 0.28 0.00	30.79 0.50 0.00	28.26 0.22 0.00	27.86 0.13 0.00	28.33 0.22 0.00	30.48 0.35 0.00	31.53 0.47 0.00	31.97 0.48 0.00	33.92 0.36 0.00	45.75 0.20 0.71	48.64 0.24 0.00	49.80 0.42 0.00	48.15 0.04 0.26	42.22 -0.06 0.51	39.74 0.16 0.00
REGAN___SOLAR 323812	36.93 1.98 0.00	37.02 1.95 0.00	38.08 2.04 0.00	34.53 1.85 0.00	44.40 2.45 0.00	61.09 3.50 0.00	65.52 3.93 0.00	43.89 1.76 0.00	29.53 0.33 0.00	28.51 -0.07 0.00	30.13 -0.16 0.00	27.92 -0.12 0.00	27.64 -0.10 0.00	28.18 0.06 0.00	30.14 0.00 0.00	31.08 0.02 0.00	31.90 0.40 0.00	34.90 1.35 0.00	48.60 2.34 0.00	51.17 2.77 0.00	52.42 3.04 0.00	51.25 2.88 0.00	45.25 2.46 0.00	41.75 2.17 0.00
RENSSELAER___COGEN 23796	35.56 0.61 0.00	35.76 0.69 0.00	36.77 0.73 0.00	33.29 0.62 0.00	42.63 0.69 0.00	58.33 0.74 0.00	62.37 0.78 0.00	42.88 0.75 0.00	29.87 0.67 0.00	29.24 0.66 0.00	30.89 0.60 0.00	28.62 0.58 0.00	28.31 0.58 0.00	28.72 0.60 0.00	30.79 0.66 0.00	31.65 0.59 0.00	32.07 0.57 0.00	34.05 0.49 0.00	46.86 0.60 0.00	48.82 0.42 0.00	49.86 0.49 0.00	49.01 0.64 0.00	43.40 0.61 0.00	40.15 0.57 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.18 3.23 0.00	37.97 2.90 0.00	39.17 3.13 0.00	35.66 2.98 0.00	46.05 4.10 0.00	63.22 5.63 0.00	67.65 6.06 0.00	45.64 3.51 0.00	31.53 2.32 0.00	30.35 1.78 0.00	31.79 1.50 0.00	29.01 0.97 0.00	28.43 0.70 0.00	28.90 0.79 0.00	31.27 1.14 0.00	31.91 0.85 0.00	32.81 1.31 0.00	35.17 1.61 0.00	49.53 3.27 0.00	52.20 3.80 0.00	53.29 3.92 0.00	52.78 4.41 0.00	46.36 3.57 0.00	43.39 3.81 0.00
REVERE_CPPR_DRP 24186	35.71 0.76 0.00	35.94 0.87 0.00	37.08 1.04 0.00	33.75 1.08 0.00	43.52 1.58 0.00	59.99 2.40 0.00	64.15 2.56 0.00	43.26 1.14 0.00	29.47 0.26 0.00	28.67 0.09 0.00	30.57 0.28 0.00	28.24 0.20 0.00	27.90 0.17 0.00	28.20 0.08 0.00	30.24 0.11 0.00	31.22 0.16 0.00	32.03 0.54 0.00	34.49 0.94 0.00	48.01 1.75 0.00	50.36 1.97 0.00	51.33 1.95 0.00	49.98 1.61 0.00	43.86 1.07 0.00	40.52 0.95 0.00
REYNLDPA_13_KV_LD 356490	34.95 -0.01 0.00	35.05 -0.02 0.00	35.99 -0.05 0.00	32.67 0.00 0.00	41.97 0.03 0.00	57.64 0.05 0.00	61.33 -0.25 0.00	41.93 -0.20 0.00	29.08 -0.12 0.00	28.51 -0.07 0.00	30.16 -0.13 0.00	27.92 -0.11 0.00	27.64 -0.08 0.00	28.04 -0.07 0.00	30.09 -0.05 0.00	31.03 -0.03 0.00	31.48 -0.02 0.00	33.58 0.03 0.00	46.26 0.00 0.00	48.36 -0.04 0.00	49.02 -0.36 0.00	47.87 -0.50 0.00	42.55 -0.24 0.00	39.42 -0.16 0.00
REYNOLDS_115KV_TB3 80639	35.89 0.94 0.00	36.04 0.98 0.00	37.04 0.99 0.00	33.55 0.87 0.00	42.99 1.05 0.00	58.83 1.23 0.00	62.86 1.27 0.00	43.17 1.05 0.00	30.13 0.93 0.00	29.49 0.91 0.00	31.13 0.84 0.00	28.83 0.79 0.00	28.52 0.80 0.00	28.93 0.82 0.00	31.04 0.90 0.00	31.89 0.84 0.00	32.32 0.83 0.00	34.33 0.77 0.00	47.33 1.07 0.00	49.27 0.87 0.00	50.30 0.93 0.00	49.49 1.12 0.00	43.80 1.01 0.00	40.54 0.96 0.00
RIVERBAY___ 323610	37.49 2.54 0.00	37.66 2.59 0.00	38.63 2.59 0.00	35.00 2.32 0.00	44.67 2.73 0.00	61.43 3.84 0.00	65.88 4.29 0.00	45.90 3.78 0.00	31.95 2.74 -0.01	31.34 2.76 0.00	33.22 2.92 -0.01	30.95 2.90 -0.01	30.48 2.75 -0.01	30.85 2.73 -0.01	32.88 2.74 0.00	33.90 2.83 -0.01	34.39 2.89 0.00	36.43 2.87 0.00	50.00 3.74 0.00	52.15 3.75 0.00	53.33 3.95 0.00	52.18 3.81 0.00	46.26 3.47 0.00	42.77 3.19 0.00
RIVERSDE_115KV_TB3 55908	35.75 0.80 0.00	35.92 0.85 0.00	36.92 0.87 0.00	33.43 0.76 0.00	42.82 0.88 0.00	58.61 1.02 0.00	62.64 1.05 0.00	43.04 0.92 0.00	30.02 0.81 0.00	29.38 0.80 0.00	31.02 0.74 0.00	28.74 0.70 0.00	28.43 0.70 0.00	28.84 0.73 0.00	30.93 0.80 0.00	31.79 0.73 0.00	32.22 0.72 0.00	34.23 0.67 0.00	47.15 0.88 0.00	49.11 0.71 0.00	50.14 0.76 0.00	49.30 0.93 0.00	43.64 0.85 0.00	40.38 0.80 0.00

ROARING___BROOK_WT_PWR 323790	34.67 -0.28 0.00	34.81 -0.26 0.00	35.82 -0.22 0.00	32.50 -0.17 0.00	41.75 -0.20 0.00	57.32 -0.27 0.00	61.19 -0.40 0.00	41.82 -0.30 0.00	28.98 -0.23 0.00	28.33 -0.25 0.00	30.02 -0.27 0.00	27.80 -0.24 0.00	27.50 -0.23 0.00	27.93 -0.18 0.00	29.94 -0.20 0.00	30.86 -0.19 0.00	31.32 -0.18 0.00	33.37 -0.18 0.00	46.02 -0.25 0.00	48.02 -0.38 0.00	48.76 -0.62 0.00	47.55 -0.82 0.00	42.01 -0.78 0.00	38.94 -0.63 0.00
ROCHESRG_115KV_T4 355643	34.65 -0.30 0.00	34.83 -0.24 0.00	35.67 -0.37 0.00	32.33 -0.34 0.00	41.60 -0.34 0.00	57.56 -0.03 0.00	61.77 0.18 0.00	41.75 -0.38 0.00	28.90 -0.30 0.00	28.36 -0.22 0.00	30.30 0.02 0.00	27.88 -0.15 0.00	27.49 -0.24 0.00	27.96 -0.16 0.00	30.05 -0.08 0.00	31.05 -0.01 0.00	31.47 -0.03 0.00	33.37 -0.19 0.00	45.01 -0.56 0.69	47.85 -0.55 0.00	48.97 -0.41 0.00	47.40 -0.71 0.26	41.62 -0.68 0.49	39.18 -0.40 0.00
ROCHESTER_9_IC 23652	34.96 0.01 0.00	35.14 0.07 0.00	35.97 -0.06 0.00	32.61 -0.06 0.00	41.98 0.03 0.00	58.10 0.50 0.00	62.38 0.79 0.00	42.24 0.12 0.00	29.24 0.04 0.00	28.69 0.11 0.00	30.63 0.34 0.00	28.10 0.06 0.00	27.70 -0.03 0.00	28.17 0.06 0.00	30.30 0.16 0.00	31.33 0.27 0.00	31.77 0.28 0.00	33.70 0.15 0.00	45.44 -0.11 0.71	48.31 -0.09 0.00	49.46 0.08 0.00	47.84 -0.27 0.26	41.96 -0.32 0.51	39.51 -0.07 0.00
ROCKVIEW_13_KV_LD 356306	36.77 1.82 0.00	36.80 1.73 0.00	37.74 1.70 0.00	34.15 1.47 0.00	43.68 1.74 0.00	59.98 2.39 0.00	64.42 2.83 0.00	44.72 2.60 0.00	31.16 1.96 0.00	30.62 2.05 0.00	32.47 2.19 0.00	30.15 2.11 0.00	29.73 2.00 0.00	30.08 1.97 0.00	32.14 2.01 0.00	33.18 2.12 0.00	33.63 2.14 0.00	35.70 2.14 0.00	49.08 2.82 0.00	51.14 2.74 0.00	52.30 2.93 0.00	51.16 2.79 0.00	45.27 2.49 0.00	41.85 2.27 0.00
ROME___115KV_TB2 80656	35.71 0.76 0.00	35.94 0.87 0.00	37.08 1.04 0.00	33.75 1.08 0.00	43.52 1.58 0.00	59.99 2.40 0.00	64.15 2.56 0.00	43.26 1.14 0.00	29.47 0.26 0.00	28.67 0.09 0.00	30.57 0.28 0.00	28.24 0.20 0.00	27.90 0.17 0.00	28.20 0.08 0.00	30.24 0.11 0.00	31.22 0.16 0.00	32.03 0.54 0.00	34.49 0.94 0.00	48.01 1.75 0.00	50.36 1.97 0.00	51.33 1.95 0.00	49.98 1.61 0.00	43.86 1.07 0.00	40.52 0.95 0.00
ROSETON___1 23587	36.40 1.45 0.00	36.46 1.39 0.00	37.42 1.38 0.00	33.88 1.20 0.00	43.37 1.43 0.00	59.54 1.95 0.00	63.86 2.27 0.00	44.18 2.06 0.00	30.75 1.55 0.00	30.16 1.59 0.00	31.92 1.63 0.00	29.60 1.57 0.00	29.21 1.48 0.00	29.57 1.46 0.00	31.64 1.50 0.00	32.64 1.58 0.00	33.09 1.60 0.00	35.15 1.60 0.00	48.43 2.17 0.00	50.48 2.08 0.00	51.63 2.25 0.00	50.55 2.18 0.00	44.72 1.93 0.00	41.35 1.77 0.00
ROSETON___2 23588	36.40 1.45 0.00	36.46 1.39 0.00	37.42 1.38 0.00	33.88 1.20 0.00	43.37 1.43 0.00	59.54 1.95 0.00	63.86 2.27 0.00	44.18 2.06 0.00	30.75 1.55 0.00	30.16 1.59 0.00	31.92 1.63 0.00	29.60 1.57 0.00	29.21 1.48 0.00	29.57 1.46 0.00	31.64 1.50 0.00	32.64 1.58 0.00	33.09 1.60 0.00	35.15 1.60 0.00	48.43 2.17 0.00	50.48 2.08 0.00	51.63 2.25 0.00	50.55 2.18 0.00	44.72 1.93 0.00	41.35 1.77 0.00
ROTTRDAM_115KV_TB3 80664	35.90 0.95 0.00	35.99 0.92 0.00	37.00 0.96 0.00	33.53 0.85 0.00	43.02 1.08 0.00	59.02 1.42 0.00	63.10 1.51 0.00	43.18 1.06 0.00	29.96 0.76 0.00	29.27 0.70 0.00	30.94 0.65 0.00	28.62 0.58 0.00	28.32 0.60 0.00	28.71 0.60 0.00	30.78 0.65 0.00	31.69 0.63 0.00	32.16 0.66 0.00	34.31 0.75 0.00	47.44 1.18 0.00	49.54 1.14 0.00	50.60 1.22 0.00	49.67 1.30 0.00	43.94 1.15 0.00	40.64 1.07 0.00
RUSSELL___1 23602	35.16 0.21 0.00	35.34 0.27 0.00	36.18 0.14 0.00	32.80 0.12 0.00	42.22 0.28 0.00	58.44 0.84 0.00	62.76 1.17 0.00	42.47 0.35 0.00	29.41 0.21 0.00	28.85 0.28 0.00	30.80 0.51 0.00	28.27 0.22 0.00	27.86 0.13 0.00	28.34 0.22 0.00	30.48 0.35 0.00	31.52 0.47 0.00	31.98 0.48 0.00	33.92 0.36 0.00	45.76 0.21 0.71	48.64 0.24 0.00	49.80 0.42 0.00	48.15 0.04 0.26	42.22 -0.06 0.51	39.75 0.17 0.00
RUSSELL___2 23532	35.16 0.21 0.00	35.34 0.27 0.00	36.18 0.14 0.00	32.80 0.12 0.00	42.22 0.28 0.00	58.44 0.84 0.00	62.76 1.17 0.00	42.47 0.35 0.00	29.41 0.21 0.00	28.85 0.28 0.00	30.80 0.51 0.00	28.27 0.22 0.00	27.86 0.13 0.00	28.34 0.22 0.00	30.48 0.35 0.00	31.52 0.47 0.00	31.98 0.48 0.00	33.92 0.36 0.00	45.76 0.21 0.71	48.64 0.24 0.00	49.80 0.42 0.00	48.15 0.04 0.26	42.22 -0.06 0.51	39.75 0.17 0.00
RUSSELL___3 23549	35.16 0.21 0.00	35.34 0.27 0.00	36.18 0.14 0.00	32.80 0.12 0.00	42.22 0.28 0.00	58.44 0.84 0.00	62.76 1.17 0.00	42.47 0.35 0.00	29.41 0.21 0.00	28.85 0.28 0.00	30.80 0.51 0.00	28.27 0.22 0.00	27.86 0.13 0.00	28.34 0.22 0.00	30.48 0.35 0.00	31.52 0.47 0.00	31.98 0.48 0.00	33.92 0.36 0.00	45.76 0.21 0.71	48.64 0.24 0.00	49.80 0.42 0.00	48.15 0.04 0.26	42.22 -0.06 0.51	39.75 0.17 0.00
RUSSELL___4 23556	35.16 0.21 0.00	35.34 0.27 0.00	36.18 0.14 0.00	32.80 0.12 0.00	42.22 0.28 0.00	58.44 0.84 0.00	62.76 1.17 0.00	42.47 0.35 0.00	29.41 0.21 0.00	28.85 0.28 0.00	30.80 0.51 0.00	28.27 0.22 0.00	27.86 0.13 0.00	28.34 0.22 0.00	30.48 0.35 0.00	31.52 0.47 0.00	31.98 0.48 0.00	33.92 0.36 0.00	45.76 0.21 0.71	48.64 0.24 0.00	49.80 0.42 0.00	48.15 0.04 0.26	42.22 -0.06 0.51	39.75 0.17 0.00
RUSSELL___STATION 23914	35.16 0.21 0.00	35.34 0.27 0.00	36.18 0.14 0.00	32.80 0.12 0.00	42.22 0.28 0.00	58.44 0.84 0.00	62.76 1.17 0.00	42.47 0.35 0.00	29.41 0.21 0.00	28.85 0.28 0.00	30.80 0.51 0.00	28.27 0.22 0.00	27.86 0.13 0.00	28.34 0.22 0.00	30.48 0.35 0.00	31.52 0.47 0.00	31.98 0.48 0.00	33.92 0.36 0.00	45.76 0.21 0.71	48.64 0.24 0.00	49.80 0.42 0.00	48.15 0.04 0.26	42.22 -0.06 0.51	39.75 0.17 0.00
S SALMON___HYD 24043	32.50 -2.46 0.00	32.92 -2.15 0.00	34.30 -1.74 0.00	31.37 -1.31 0.00	40.73 -1.21 0.00	55.97 -1.62 0.00	59.37 -2.22 0.00	39.58 -2.54 0.00	26.85 -2.36 0.00	26.31 -2.27 0.00	28.04 -2.25 0.00	26.00 -2.04 0.00	25.79 -1.94 0.00	26.13 -1.99 0.00	27.93 -2.20 0.00	28.82 -2.24 0.00	29.34 -2.15 0.00	31.72 -1.84 0.00	44.20 -2.06 0.00	46.50 -1.90 0.00	47.41 -1.97 0.00	45.83 -2.54 0.00	40.08 -2.71 0.00	37.17 -2.41 0.00
S.PERRY_115KV_TB1 80734	36.03 1.08 0.00	36.32 1.25 0.00	37.15 1.11 0.00	33.70 1.02 0.00	43.36 1.41 0.00	59.87 2.27 0.00	64.32 2.73 0.00	42.83 0.71 0.00	29.14 -0.07 0.00	28.58 0.00 0.00	30.70 0.41 0.00	28.07 0.03 0.00	27.49 -0.24 0.00	27.90 -0.21 0.00	30.22 0.08 0.00	31.29 0.23 0.00	32.04 0.54 0.00	34.19 0.64 0.00	45.08 0.30 1.48	48.64 0.23 0.00	50.06 0.68 0.00	48.01 0.19 0.55	41.48 -0.25 1.06	39.49 -0.09 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.71 -1.24 0.00	33.98 -1.09 0.00	34.69 -1.35 0.00	31.46 -1.22 0.00	40.47 -1.48 0.00	55.49 -2.10 0.00	59.38 -2.21 0.00	39.59 -2.54 0.00	27.53 -1.67 0.00	27.08 -1.50 0.00	29.35 -0.94 0.00	26.97 -1.06 0.00	26.57 -1.16 0.00	27.16 -0.95 0.00	29.21 -0.92 0.00	30.11 -0.95 0.00	30.31 -1.19 0.00	31.81 -1.74 0.00	41.98 -3.00 1.29	45.32 -3.08 0.00	46.52 -2.85 0.00	44.50 -3.39 0.47	38.96 -2.91 0.92	37.47 -2.11 0.00
SAWYER__23_KV_LOAD 55526	33.71 -1.24 0.00	33.98 -1.09 0.00	34.69 -1.35 0.00	31.46 -1.22 0.00	40.47 -1.48 0.00	55.49 -2.10 0.00	59.38 -2.21 0.00	39.59 -2.54 0.00	27.53 -1.67 0.00	27.08 -1.50 0.00	29.35 -0.94 0.00	26.97 -1.06 0.00	26.57 -1.16 0.00	27.16 -0.95 0.00	29.21 -0.92 0.00	30.11 -0.95 0.00	30.31 -1.19 0.00	31.81 -1.74 0.00	41.98 -3.00 1.29	45.32 -3.08 0.00	46.52 -2.85 0.00	44.50 -3.39 0.47	38.96 -2.91 0.92	37.47 -2.11 0.00
SELKIRK__I 23801	35.81 0.85 0.00	36.04 0.97 0.00	37.09 1.05 0.00	33.59 0.91 0.00	43.05 1.11 0.00	58.96 1.36 0.00	62.98 1.39 0.00	43.09 0.97 0.00	29.89 0.69 0.00	29.22 0.64 0.00	30.89 0.60 0.00	28.67 0.63 0.00	28.33 0.60 0.00	28.77 0.66 0.00	30.81 0.68 0.00	31.73 0.68 0.00	32.18 0.69 0.00	34.21 0.65 0.00	47.18 0.91 0.00	49.20 0.80 0.00	50.25 0.87 0.00	49.35 0.98 0.00	43.68 0.89 0.00	40.43 0.85 0.00
SELKIRK__II 23799	35.48 0.53 0.00	35.80 0.73 0.00	36.87 0.83 0.00	33.39 0.71 0.00	42.78 0.84 0.00	58.58 0.98 0.00	62.61 1.02 0.00	43.03 0.90 0.00	29.94 0.74 0.00	29.30 0.73 0.00	30.98 0.69 0.00	28.71 0.67 0.00	28.39 0.66 0.00	28.80 0.68 0.00	30.87 0.73 0.00	31.75 0.70 0.00	32.13 0.63 0.00	34.00 0.45 0.00	46.75 0.48 0.00	48.72 0.32 0.00	49.76 0.38 0.00	48.88 0.51 0.00	43.27 0.48 0.00	40.03 0.45 0.00
SENECA OSWGO__HYD 24041	33.88 -1.08 0.00	33.99 -1.08 0.00	34.93 -1.10 0.00	31.67 -1.01 0.00	40.67 -1.27 0.00	55.96 -1.63 0.00	59.97 -1.62 0.00	40.89 -1.23 0.00	28.30 -0.90 0.00	27.70 -0.88 0.00	29.47 -0.82 0.00	27.26 -0.78 0.00	26.93 -0.80 0.00	27.26 -0.86 0.00	29.17 -0.96 0.00	30.11 -0.95 0.00	30.59 -0.91 0.00	32.61 -0.94 0.00	44.94 -1.32 0.00	46.96 -1.44 0.00	47.95 -1.43 0.00	47.00 -1.37 0.00	41.51 -1.28 0.00	38.38 -1.20 0.00
SENECA__115KV_TB3 355854	34.10 -0.86 0.00	34.40 -0.67 0.00	35.11 -0.93 0.00	31.84 -0.84 0.00	40.93 -1.01 0.00	56.16 -1.43 0.00	60.08 -1.51 0.00	40.04 -1.39 0.00	27.81 -1.39 0.00	27.33 -1.24 0.00	29.61 -0.68 0.00	27.18 -0.86 0.00	26.74 -0.99 0.00	27.32 -0.79 0.00	29.40 -0.73 0.00	30.34 -0.72 0.00	30.56 -0.94 0.00	32.11 -1.45 0.00	42.31 -2.60 1.36	45.78 -2.61 0.00	47.01 -2.37 0.00	44.91 -2.95 0.50	39.20 -2.62 0.97	37.64 -1.94 0.00
SENECA__ENERGY 23797	35.05 0.10 0.00	35.26 0.19 0.00	36.16 0.12 0.00	32.78 0.10 0.00	42.12 0.18 0.00	58.05 0.45 0.00	62.36 0.77 0.00	42.21 0.08 0.00	29.01 -0.19 0.00	28.31 -0.27 0.00	30.28 -0.01 0.00	27.90 -0.14 0.00	27.42 -0.31 0.00	27.76 -0.36 0.00	29.78 -0.35 0.00	30.81 -0.24 0.00	31.41 -0.08 0.00	33.51 -0.04 0.00	45.62 -0.09 0.55	48.22 -0.18 0.00	49.32 -0.06 0.00	47.89 -0.27 0.20	41.97 -0.43 0.39	39.19 -0.39 0.00
SHOEMAKER__GT 23640	36.51 1.55 0.00	36.58 1.51 0.00	37.55 1.51 0.00	33.99 1.31 0.00	43.53 1.58 0.00	59.81 2.21 0.00	64.17 2.58 0.00	44.28 2.16 0.00	30.72 1.51 0.00	30.06 1.48 0.00	31.79 1.51 0.00	29.46 1.43 0.00	29.07 1.34 0.00	29.42 1.31 0.00	31.50 1.36 0.00	32.51 1.45 0.00	32.98 1.48 0.00	35.11 1.56 0.00	48.62 2.20 -0.16	50.60 2.20 0.00	51.78 2.40 0.00	50.73 2.30 -0.06	44.91 2.01 -0.11	41.42 1.84 0.00
SHOEMAKR_138KV_BK 111 55601	36.49 1.53 0.00	36.55 1.48 0.00	37.52 1.48 0.00	33.96 1.28 0.00	43.49 1.54 0.00	59.76 2.16 0.00	64.11 2.52 0.00	44.26 2.14 0.00	30.72 1.52 0.00	30.08 1.50 0.00	31.81 1.53 0.00	29.49 1.45 0.00	29.09 1.36 0.00	29.45 1.33 0.00	31.51 1.38 0.00	32.54 1.48 0.00	33.00 1.50 0.00	35.11 1.56 0.00	48.60 2.18 -0.16	50.57 2.17 0.00	51.75 2.37 0.00	50.70 2.27 -0.06	44.90 2.00 -0.11	41.39 1.81 0.00
SHOREHAM_IC_1 23715	36.60 1.65 0.00	36.82 1.75 0.00	37.85 1.81 0.00	34.24 1.56 0.00	43.34 1.40 0.00	46.68 1.40 12.31	68.94 1.95 -5.41	27.41 2.03 16.73	25.91 1.62 4.91	30.53 1.96 0.00	33.01 2.66 -0.05	30.58 2.54 0.00	33.83 2.38 -3.73	30.53 2.42 0.00	32.40 2.27 0.00	33.37 2.32 0.00	33.64 2.15 0.00	36.76 2.07 -1.13	48.61 2.34 0.00	47.49 1.62 2.53	51.21 1.83 0.00	50.66 2.29 0.00	44.47 1.68 0.01	41.31 1.74 0.00
SHOREHAM_IC_2 23716	36.60 1.65 0.00	36.82 1.75 0.00	37.85 1.81 0.00	34.24 1.56 0.00	43.34 1.40 12.31	46.68 1.40 -5.41	68.94 1.95 16.73	27.41 2.03 4.91	25.91 1.62 0.00	30.53 1.96 -0.05	33.01 2.66 0.00	30.58 2.54 0.00	33.83 2.38 -3.73	30.53 2.42 0.00	32.40 2.27 0.00	33.37 2.32 0.00	33.64 2.15 -1.13	36.76 2.07 0.00	48.61 2.34 2.53	47.49 1.62 0.00	51.21 1.83 0.00	50.66 2.29 0.00	44.47 1.68 0.01	41.31 1.74 0.00
SISSONVILLE__ 23735	33.46 -1.49 0.00	33.56 -1.51 0.00	34.57 -1.47 0.00	31.46 -1.22 0.00	40.51 -1.43 0.00	55.67 -1.93 0.00	59.33 -2.26 0.00	40.42 -1.70 0.00	27.77 -1.43 0.00	27.15 -1.43 0.00	28.72 -1.57 0.00	26.57 -1.48 0.00	26.34 -1.39 0.00	26.70 -1.41 0.00	28.65 -1.49 0.00	29.55 -1.51 0.00	30.03 -1.47 0.00	32.17 -1.39 0.00	44.52 -1.75 0.00	46.87 -1.53 0.00	47.69 -1.69 0.00	46.42 -1.95 0.00	41.02 -1.76 0.00	37.88 -1.70 0.00
SITHE_IND_GS1 24169	33.80 -1.15 0.00	33.91 -1.16 0.00	34.85 -1.20 0.00	31.58 -1.10 0.00	40.54 -1.40 0.00	55.77 -1.83 0.00	59.72 -1.87 0.00	40.74 -1.38 0.00	28.24 -0.97 0.00	27.66 -0.92 0.00	29.41 -0.88 0.00	27.23 -0.81 0.00	26.91 -0.82 0.00	27.27 -0.85 0.00	29.21 -0.93 0.00	30.09 -0.97 0.00	30.51 -0.99 0.00	32.49 -1.07 0.00	44.76 -1.50 0.00	46.77 -1.63 0.00	47.75 -1.63 0.00	46.84 -1.53 0.00	41.43 -1.36 0.00	38.33 -1.25 0.00
SITHE_IND_GS2 24170	33.80 -1.15 0.00	33.91 -1.16 0.00	34.85 -1.20 0.00	31.58 -1.10 0.00	40.54 -1.40 0.00	55.77 -1.83 0.00	59.72 -1.87 0.00	40.74 -1.38 0.00	28.24 -0.97 0.00	27.66 -0.92 0.00	29.41 -0.88 0.00	27.23 -0.81 0.00	26.91 -0.82 0.00	27.27 -0.85 0.00	29.21 -0.93 0.00	30.09 -0.97 0.00	30.51 -0.99 0.00	32.49 -1.07 0.00	44.76 -1.50 0.00	46.77 -1.63 0.00	47.75 -1.63 0.00	46.84 -1.53 0.00	41.43 -1.36 0.00	38.33 -1.25 0.00
SITHE_IND_GS3 24171	33.80 -1.15 0.00	33.91 -1.16 0.00	34.85 -1.20 0.00	31.58 -1.10 0.00	40.54 -1.40 0.00	55.77 -1.83 0.00	59.72 -1.87 0.00	40.74 -1.38 0.00	28.24 -0.97 0.00	27.66 -0.92 0.00	29.41 -0.88 0.00	27.23 -0.81 0.00	26.91 -0.82 0.00	27.27 -0.85 0.00	29.21 -0.93 0.00	30.09 -0.97 0.00	30.51 -0.99 0.00	32.49 -1.07 0.00	44.76 -1.50 0.00	46.77 -1.63 0.00	47.75 -1.63 0.00	46.84 -1.53 0.00	41.43 -1.36 0.00	38.33 -1.25 0.00

SITHE_IND_GS4 24172	33.80 -1.15 0.00	33.91 -1.16 0.00	34.85 -1.20 0.00	31.58 -1.10 0.00	40.54 -1.40 0.00	55.77 -1.83 0.00	59.72 -1.87 0.00	40.74 -1.38 0.00	28.24 -0.97 0.00	27.66 -0.92 0.00	29.41 -0.88 0.00	27.23 -0.81 0.00	26.91 -0.82 0.00	27.27 -0.85 0.00	29.21 -0.93 0.00	30.09 -0.97 0.00	30.51 -0.99 0.00	32.49 -1.07 0.00	44.76 -1.50 0.00	46.77 -1.63 0.00	47.75 -1.63 0.00	46.84 -1.53 0.00	41.43 -1.36 0.00	38.33 -1.25 0.00
SITHE__BATAVIA 24024	34.77 -0.18 0.00	34.98 -0.09 0.00	35.77 -0.27 0.00	32.44 -0.24 0.00	41.81 -0.14 0.00	57.67 0.08 0.00	61.96 0.37 0.00	41.46 -0.66 0.00	28.58 -0.62 0.00	27.96 -0.62 0.00	29.99 -0.30 0.00	27.37 -0.67 0.00	26.91 -0.82 0.00	27.48 -0.63 0.00	29.57 -0.57 0.00	30.74 -0.31 0.00	31.24 -0.25 0.00	33.19 -0.36 0.00	44.22 -1.05 1.00	47.41 -0.99 0.00	48.67 -0.71 0.00	46.73 -1.27 0.37	40.94 -1.14 0.71	38.96 -0.62 0.00
SITHE__INDEPEND 23800	33.80 -1.15 0.00	33.91 -1.16 0.00	34.85 -1.20 0.00	31.58 -1.10 0.00	40.54 -1.40 0.00	55.77 -1.83 0.00	59.72 -1.87 0.00	40.74 -1.38 0.00	28.23 -0.97 0.00	27.66 -0.92 0.00	29.41 -0.88 0.00	27.23 -0.81 0.00	26.91 -0.82 0.00	27.27 -0.85 0.00	29.21 -0.93 0.00	30.09 -0.96 0.00	30.51 -0.99 0.00	32.49 -1.06 0.00	44.76 -1.50 0.00	46.77 -1.63 0.00	47.75 -1.63 0.00	46.84 -1.53 0.00	41.43 -1.36 0.00	38.33 -1.25 0.00
SITHE__MASSENA 23902	34.78 -0.18 0.00	34.85 -0.22 0.00	35.80 -0.24 0.00	32.52 -0.15 0.00	41.79 -0.15 0.00	57.40 -0.19 0.00	61.26 -0.33 0.00	41.90 -0.23 0.00	28.94 -0.27 0.00	28.32 -0.26 0.00	29.95 -0.34 0.00	27.72 -0.32 0.00	27.45 -0.28 0.00	27.85 -0.26 0.00	29.88 -0.26 0.00	30.82 -0.24 0.00	31.28 -0.21 0.00	33.38 -0.17 0.00	46.04 -0.22 0.00	48.34 -0.06 0.00	49.20 -0.18 0.00	48.00 -0.37 0.00	42.52 -0.27 0.00	39.29 -0.29 0.00
SITHE__OGDNSBRG 24021	34.78 -0.17 0.00	34.89 -0.18 0.00	35.85 -0.19 0.00	32.61 -0.06 0.00	41.97 0.03 0.00	57.73 0.13 0.00	61.59 0.00 0.00	41.79 -0.34 0.00	28.62 -0.58 0.00	27.95 -0.63 0.00	29.58 -0.71 0.00	27.36 -0.67 0.00	27.09 -0.64 0.00	27.48 -0.64 0.00	29.47 -0.66 0.00	30.40 -0.66 0.00	30.87 -0.63 0.00	33.07 -0.49 0.00	45.83 -0.43 0.00	48.58 0.18 0.00	49.51 0.13 0.00	48.23 -0.14 0.00	42.65 -0.14 0.00	39.39 -0.19 0.00
SITHE__STERLING 23777	35.64 0.68 0.00	35.82 0.75 0.00	36.89 0.85 0.00	33.52 0.84 0.00	43.14 1.20 0.00	59.41 1.81 0.00	63.60 2.01 0.00	43.06 0.94 0.00	29.45 0.25 0.00	28.69 0.11 0.00	30.57 0.28 0.00	28.28 0.24 0.00	27.92 0.19 0.00	28.23 0.11 0.00	30.27 0.13 0.00	31.22 0.16 0.00	31.91 0.41 0.00	34.28 0.73 0.00	47.56 1.30 0.00	49.83 1.43 0.00	50.81 1.43 0.00	49.60 1.24 0.00	43.65 0.86 0.00	40.32 0.73 0.00
SLEIGHT__34_KV_TB1 80719	35.13 0.18 0.00	35.29 0.22 0.00	36.17 0.13 0.00	32.79 0.11 0.00	42.17 0.22 0.00	58.31 0.72 0.00	62.65 1.06 0.00	42.41 0.29 0.00	29.25 0.04 0.00	28.63 0.05 0.00	30.59 0.30 0.00	28.17 0.13 0.00	27.73 0.00 0.00	28.12 0.01 0.00	30.21 0.08 0.00	31.24 0.19 0.00	31.80 0.31 0.00	33.83 0.27 0.00	45.93 0.24 0.56	48.63 0.23 0.00	49.74 0.36 0.00	48.25 0.09 0.21	42.35 -0.03 0.40	39.65 0.07 0.00
SMITHTWN_69_KV_BK 1 55830	36.48 1.53 0.00	36.72 1.65 0.00	37.74 1.70 0.00	34.13 1.45 0.00	43.19 1.25 0.00	46.41 1.16 12.34	64.47 1.61 -1.28	26.90 1.94 17.16	25.59 1.54 5.16	30.42 1.85 0.00	32.87 2.53 -0.05	30.48 2.44 0.00	33.73 2.27 -3.73	30.41 2.29 0.00	32.38 2.24 0.00	33.32 2.26 0.00	33.52 2.03 0.00	35.95 1.87 -0.53	48.55 2.29 0.00	47.87 1.98 2.52	51.59 2.22 0.00	50.71 2.34 0.00	44.64 1.86 0.01	41.52 1.94 0.00
SOUTH CAIRO__GT 23612	36.76 1.80 0.00	37.00 1.93 0.00	38.08 2.04 0.00	34.50 1.83 0.00	44.25 2.31 0.00	60.73 3.14 0.00	65.13 3.54 0.00	44.56 2.44 0.00	30.61 1.41 0.00	29.66 1.08 0.00	31.24 0.95 0.00	28.97 0.93 0.00	28.63 0.90 0.00	29.10 0.98 0.00	31.17 1.03 0.00	32.07 1.02 0.00	32.63 1.14 0.00	34.83 1.27 0.00	48.37 2.10 0.00	50.61 2.21 0.00	51.81 2.44 0.00	50.77 2.40 0.00	44.79 2.00 0.00	41.36 1.78 0.00
SOUTH HAMPTN__IC 23720	36.63 1.67 0.00	36.81 1.74 0.00	37.85 1.81 0.00	34.24 1.56 0.00	43.42 1.48 0.00	46.92 1.65 12.33	70.09 2.64 -5.87	27.92 2.51 16.71	26.22 1.91 4.89	30.78 2.21 0.00	33.39 3.05 -0.05	30.92 2.88 0.00	34.20 2.75 -3.73	30.87 2.75 0.00	32.59 2.46 0.00	33.62 2.56 0.00	33.95 2.46 0.00	37.30 2.55 -1.20	49.36 3.09 0.00	48.38 2.52 2.54	52.06 2.69 0.00	51.36 2.99 0.00	45.02 2.24 0.01	41.76 2.18 0.00
SOUTHDOWN_115KV_TB1 355954	35.55 0.60 0.00	36.00 0.93 0.00	36.59 0.55 0.00	33.05 0.38 0.00	42.34 0.40 0.00	58.08 0.49 0.00	62.12 0.54 0.00	41.39 -0.73 0.00	28.59 -0.61 0.00	28.03 -0.55 0.00	30.37 0.08 0.00	27.78 -0.26 0.00	27.25 -0.48 0.00	27.79 -0.32 0.00	29.90 -0.23 0.00	30.94 -0.12 0.00	31.03 -0.47 0.00	32.81 -0.75 1.51	43.16 -1.60 0.00	46.85 -1.55 0.00	48.03 -1.35 0.00	45.97 -1.84 0.56	40.29 -1.42 1.08	38.49 -1.09 0.00
SOUTHOLD_69_KV_BK 2 55809	36.53 1.57 0.00	36.67 1.60 0.00	37.74 1.70 0.00	34.13 1.45 0.00	43.34 1.40 0.00	46.96 1.69 12.33	70.37 2.92 -5.86	28.15 2.74 16.71	26.37 2.06 4.89	30.89 2.32 0.00	33.53 3.19 -0.05	31.08 3.04 0.00	34.39 2.94 -3.73	31.00 2.89 0.00	32.21 2.07 0.00	33.23 2.17 0.00	33.61 2.11 0.00	37.55 2.80 -1.20	49.74 3.48 0.00	48.85 2.99 2.54	52.48 3.10 0.00	51.72 3.35 0.00	45.26 2.47 0.01	41.90 2.32 0.00
SOUTHOLD__IC 23719	36.53 1.57 0.00	36.67 1.60 0.00	37.74 1.69 0.00	34.13 1.45 0.00	43.34 1.40 0.00	46.89 1.62 12.33	70.35 2.91 -5.86	28.13 2.71 16.71	26.34 2.03 4.89	30.89 2.32 0.00	33.53 3.18 -0.05	31.07 3.03 0.00	34.39 2.94 -3.73	31.00 2.89 0.00	32.21 2.08 0.00	33.22 2.17 0.00	33.62 2.12 0.00	37.55 2.80 -1.20	49.75 3.48 0.00	48.85 2.99 2.54	52.48 3.10 0.00	51.71 3.35 0.00	45.27 2.48 0.01	41.89 2.31 0.00
SOUTH_FORK_WT_PWR 323839	36.16 1.21 0.00	36.27 1.20 0.00	37.33 1.29 0.00	33.75 1.07 0.00	42.90 0.96 0.00	46.36 1.10 12.33	70.10 2.64 -5.86	28.00 2.59 16.71	26.27 1.96 4.89	30.81 2.24 0.00	33.54 3.20 -0.05	31.11 3.08 0.00	34.46 3.00 -3.73	31.11 3.00 0.00	32.59 2.45 0.00	33.63 2.57 0.00	33.99 2.49 0.00	37.62 2.87 -1.20	49.84 3.57 0.00	48.91 3.05 2.54	52.50 3.12 0.00	51.70 3.33 0.00	45.21 2.42 0.01	41.80 2.22 0.00
SPIERFLS_115KV_TB 1 80737	36.11 1.15 0.00	36.15 1.08 0.00	37.15 1.11 0.00	33.73 1.06 0.00	43.38 1.44 0.00	59.54 1.95 0.00	63.71 2.12 0.00	43.44 1.31 0.00	30.12 0.92 0.00	29.22 0.64 0.00	30.75 0.46 0.00	28.33 0.30 0.00	27.98 0.25 0.00	28.27 0.16 0.00	30.35 0.21 0.00	31.09 0.03 0.00	31.70 0.20 0.00	33.99 0.43 0.00	47.32 1.06 0.00	49.56 1.16 0.00	50.57 1.19 0.00	49.77 1.41 0.00	44.14 1.35 0.00	40.82 1.24 0.00

ST LAWRENCE____ 23600	34.68 -0.27 0.00	34.76 -0.31 0.00	35.70 -0.34 0.00	32.41 -0.27 0.00	41.63 -0.31 0.00	57.17 -0.42 0.00	61.05 -0.54 0.00	41.77 -0.35 0.00	28.92 -0.29 0.00	28.29 -0.29 0.00	29.94 -0.35 0.00	27.71 -0.33 0.00	27.44 -0.29 0.00	27.85 -0.27 0.00	29.87 -0.27 0.00	30.79 -0.26 0.00	31.24 -0.26 0.00	33.31 -0.24 0.00	45.89 -0.37 0.00	48.17 -0.23 0.00	49.03 -0.35 0.00	47.90 -0.47 0.00	42.42 -0.37 0.00	39.20 -0.38 0.00
STATE_CA_115KV_115_LB 55624	35.78 0.82 0.00	35.95 0.88 0.00	36.96 0.92 0.00	33.45 0.78 0.00	42.84 0.90 0.00	58.67 1.08 0.00	62.72 1.14 0.00	43.11 0.99 0.00	30.04 0.83 0.00	29.39 0.82 0.00	31.04 0.75 0.00	28.76 0.72 0.00	28.45 0.73 0.00	28.88 0.77 0.00	30.95 0.81 0.00	31.82 0.76 0.00	32.28 0.78 0.00	34.32 0.77 0.00	47.21 0.95 0.00	49.21 0.81 0.00	50.23 0.85 0.00	49.35 0.98 0.00	43.68 0.89 0.00	40.41 0.83 0.00
STATE_ST_34_KV_LOAD 55959	35.11 0.16 0.00	35.26 0.19 0.00	36.20 0.16 0.00	32.83 0.15 0.00	42.17 0.22 0.00	58.08 0.49 0.00	62.33 0.74 0.00	42.32 0.20 0.00	29.12 -0.08 0.00	28.42 -0.15 0.00	30.31 0.02 0.00	28.01 -0.03 0.00	27.59 -0.14 0.00	27.88 -0.23 0.00	29.88 -0.25 0.00	30.88 -0.17 0.00	31.53 0.03 0.00	33.63 0.07 0.00	46.01 0.13 0.38	48.49 0.09 0.00	49.54 0.16 0.00	48.30 0.07 0.14	42.46 -0.06 0.27	39.52 -0.06 0.00
STATION_5_MISC_HYD 23604	34.96 0.01 0.00	35.14 0.07 0.00	35.98 -0.06 0.00	32.61 -0.06 0.00	41.98 0.04 0.00	58.11 0.51 0.00	62.38 0.79 0.00	42.25 0.13 0.00	29.23 0.03 0.00	28.69 0.11 0.00	30.63 0.34 0.00	28.10 0.06 0.00	27.71 -0.02 0.00	28.18 0.06 0.00	30.29 0.16 0.00	31.33 0.27 0.00	31.77 0.27 0.00	33.70 0.15 0.00	45.43 -0.12 0.71	48.31 -0.09 0.00	49.46 0.08 0.00	47.83 -0.27 0.26	41.95 -0.33 0.51	39.51 -0.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.15 0.20 0.00	35.33 0.26 0.00	36.21 0.17 0.00	32.83 0.15 0.00	42.23 0.29 0.00	58.36 0.77 0.00	62.67 1.08 0.00	42.39 0.26 0.00	29.25 0.05 0.00	28.63 0.06 0.00	30.58 0.29 0.00	28.11 0.07 0.00	27.68 -0.05 0.00	28.08 -0.03 0.00	30.18 0.04 0.00	31.24 0.18 0.00	31.76 0.26 0.00	33.77 0.21 0.00	45.74 0.13 0.66	48.53 0.13 0.00	49.64 0.26 0.00	48.09 -0.04 0.24	42.16 -0.16 0.47	39.54 -0.04 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.92 -0.04 0.00	35.09 0.02 0.00	35.94 -0.10 0.00	32.58 -0.10 0.00	41.92 -0.02 0.00	58.01 0.42 0.00	62.28 0.69 0.00	42.12 0.00 0.00	29.15 -0.05 0.00	28.61 0.03 0.00	30.54 0.25 0.00	28.08 0.04 0.00	27.68 -0.04 0.00	28.15 0.03 0.00	30.26 0.13 0.00	31.30 0.24 0.00	31.75 0.25 0.00	33.66 0.11 0.00	45.45 -0.12 0.69	48.29 -0.11 0.00	49.41 0.04 0.00	47.83 -0.29 0.25	41.97 -0.33 0.49	39.47 -0.11 0.00
STA_56____34_KV_BUS2 355983	34.92 -0.04 0.00	35.09 0.02 0.00	35.94 -0.10 0.00	32.58 -0.10 0.00	41.92 -0.02 0.00	58.01 0.42 0.00	62.28 0.69 0.00	42.12 0.00 0.00	29.15 -0.05 0.00	28.61 0.03 0.00	30.54 0.25 0.00	28.08 0.04 0.00	27.68 -0.04 0.00	28.15 0.03 0.00	30.26 0.13 0.00	31.30 0.24 0.00	31.75 0.25 0.00	33.66 0.11 0.00	45.45 -0.12 0.69	48.29 -0.11 0.00	49.41 0.04 0.00	47.83 -0.29 0.25	41.97 -0.33 0.49	39.47 -0.11 0.00
STA_67____115KV_BK2 355882	34.88 -0.04 0.00	35.06 -0.01 0.00	35.89 -0.15 0.00	32.54 -0.14 0.00	41.88 -0.06 0.00	57.96 0.36 0.00	62.22 0.63 0.00	42.15 0.03 0.00	29.18 -0.02 0.00	28.62 0.04 0.00	30.57 0.28 0.00	28.04 0.00 0.00	27.64 -0.09 0.00	28.11 0.00 0.00	30.22 0.09 0.00	31.24 0.18 0.00	31.68 0.18 0.00	33.60 0.05 0.00	45.31 -0.24 0.71	48.18 -0.22 0.00	49.32 -0.06 0.00	47.71 -0.40 0.26	41.86 -0.42 0.51	39.42 -0.16 0.00
STA_7____115KV_9TRANS 80674	35.16 0.21 0.00	35.34 0.27 0.00	36.18 0.14 0.00	32.80 0.12 0.00	42.22 0.28 0.00	58.44 0.84 0.00	62.76 1.17 0.00	42.47 0.35 0.00	29.41 0.21 0.00	28.85 0.28 0.00	30.80 0.51 0.00	28.27 0.22 0.00	27.86 0.13 0.00	28.34 0.22 0.00	30.48 0.35 0.00	31.52 0.47 0.00	31.98 0.48 0.00	33.92 0.36 0.00	45.76 0.21 0.71	48.64 0.24 0.00	49.80 0.42 0.00	48.15 0.04 0.26	42.22 -0.06 0.51	39.75 0.17 0.00
STA_82____115KV_TB1 80780	34.84 -0.11 0.00	35.02 -0.05 0.00	35.86 -0.18 0.00	32.51 -0.17 0.00	41.84 -0.10 0.00	57.88 0.29 0.00	62.15 0.56 0.00	42.02 -0.10 0.00	29.08 -0.12 0.00	28.53 -0.05 0.00	30.47 0.18 0.00	28.00 -0.05 0.00	27.60 -0.13 0.00	28.07 -0.04 0.00	30.18 0.04 0.00	31.20 0.15 0.00	31.64 0.14 0.00	33.56 0.01 0.00	45.24 -0.30 0.71	48.11 -0.29 0.00	49.25 -0.12 0.00	47.65 -0.45 0.26	41.82 -0.46 0.51	39.37 -0.20 0.00
STEEL____WIND 323596	34.04 -0.91 0.00	34.37 -0.70 0.00	35.08 -0.96 0.00	31.80 -0.87 0.00	40.89 -1.06 0.00	56.10 -1.50 0.00	60.01 -1.58 0.00	39.98 -2.14 0.00	27.76 -1.44 0.00	27.27 -1.30 0.00	29.56 -0.73 0.00	27.14 -0.90 0.00	26.70 -1.03 0.00	27.28 -0.83 0.00	29.34 -0.79 0.00	30.29 -0.76 0.00	30.52 -0.97 0.00	32.08 -1.48 0.00	42.25 -2.65 1.36	45.73 -2.67 0.00	46.98 -2.40 0.00	44.85 -3.01 0.50	39.15 -2.67 0.97	37.56 -2.02 0.00
STEPHTWN_115KV_BK_2 55603	35.95 0.99 0.00	36.14 1.07 0.00	37.17 1.13 0.00	33.67 0.99 0.00	43.13 1.18 0.00	59.09 1.50 0.00	63.27 1.68 0.00	43.43 1.31 0.00	30.22 1.01 0.00	29.53 0.95 0.00	31.14 0.85 0.00	28.85 0.81 0.00	28.52 0.80 0.00	28.96 0.84 0.00	31.04 0.90 0.00	31.90 0.85 0.00	32.40 0.90 0.00	34.49 0.93 0.00	47.50 1.23 0.00	49.49 1.10 0.00	50.57 1.19 0.00	49.66 1.29 0.00	43.92 1.13 0.00	40.60 1.02 0.00
STEBEN_REC_LFGE 323667	35.33 0.38 0.00	35.79 0.72 0.00	36.59 0.55 0.00	33.19 0.51 0.00	42.64 0.70 0.00	58.56 0.97 0.00	62.47 0.87 0.00	41.09 -1.03 0.00	28.16 -1.04 0.00	27.71 -0.87 0.00	29.94 -0.35 0.00	27.38 -0.66 0.00	26.68 -1.05 0.00	27.02 -1.09 0.00	29.18 -0.96 0.00	30.29 -0.77 0.00	31.07 -0.43 0.00	32.99 -0.57 0.00	42.82 -1.25 2.19	46.59 -1.81 0.00	47.53 -1.85 0.00	44.97 -2.59 0.81	38.52 -2.70 1.57	37.37 -2.21 0.00
STILLWATER____SOLAR 323814	36.36 1.41 0.00	36.45 1.38 0.00	37.42 1.38 0.00	33.97 1.29 0.00	43.63 1.68 0.00	59.83 2.23 0.00	63.98 2.39 0.00	43.67 1.54 0.00	30.30 1.10 0.00	29.50 0.92 0.00	31.09 0.80 0.00	28.72 0.68 0.00	28.41 0.68 0.00	28.80 0.68 0.00	30.91 0.77 0.00	31.72 0.67 0.00	32.26 0.76 0.00	34.52 0.97 0.00	47.91 1.65 0.00	50.08 1.69 0.00	51.13 1.75 0.00	50.25 1.88 0.00	44.45 1.66 0.00	41.14 1.56 0.00
STONY____BROOK 24151	36.45 1.50 0.00	36.68 1.61 0.00	37.70 1.66 0.00	34.09 1.42 0.00	43.12 1.17 0.00	46.26 0.97 12.31	66.61 1.47 -3.55	27.05 1.83 16.90	25.67 1.48 5.02	30.39 1.82 0.00	32.85 2.51 -0.05	30.45 2.42 0.00	33.70 2.25 -3.73	30.38 2.27 0.00	32.34 2.20 0.00	33.28 2.23 0.00	33.50 2.00 0.00	36.25 1.83 -0.86	48.49 2.23 0.00	47.75 1.87 2.52	51.47 2.10 0.00	50.61 2.24 0.00	44.55 1.77 0.01	41.43 1.85 0.00

STURGEON_POOL_HYD 23609	36.65 1.69 0.00	36.67 1.60 0.00	37.63 1.59 0.00	34.07 1.40 0.00	43.63 1.69 0.00	59.94 2.35 0.00	64.35 2.76 0.00	44.57 2.45 0.00	30.99 1.79 0.00	30.37 1.80 0.00	32.07 1.78 0.00	29.72 1.68 0.00	29.33 1.60 0.00	29.71 1.60 0.00	31.80 1.67 0.00	32.85 1.79 0.00	33.30 1.80 0.00	35.42 1.86 0.00	48.87 2.61 0.00	50.95 2.55 0.00	52.12 2.74 0.00	51.01 2.64 0.00	45.10 2.31 0.00	41.67 2.09 0.00
ST_LAW_115_BK7_LBMP 345037	34.64 -0.31 0.00	34.71 -0.35 0.00	35.66 -0.38 0.00	32.37 -0.30 0.00	41.59 -0.35 0.00	57.12 -0.48 0.00	60.99 -0.60 0.00	41.73 -0.40 0.00	28.87 -0.33 0.00	28.26 -0.32 0.00	29.89 -0.40 0.00	27.68 -0.36 0.00	27.41 -0.32 0.00	27.81 -0.31 0.00	29.83 -0.31 0.00	30.75 -0.30 0.00	31.20 -0.30 0.00	33.27 -0.29 0.00	45.84 -0.42 0.00	48.12 -0.28 0.00	48.97 -0.41 0.00	47.83 -0.54 0.00	42.36 -0.43 0.00	39.15 -0.43 0.00
ST_LAW_115_BK8_LBMP 345038	34.64 -0.31 0.00	34.71 -0.35 0.00	35.66 -0.38 0.00	32.37 -0.30 0.00	41.59 -0.35 0.00	57.12 -0.48 0.00	60.99 -0.60 0.00	41.73 -0.40 0.00	28.87 -0.33 0.00	28.26 -0.32 0.00	29.89 -0.40 0.00	27.68 -0.36 0.00	27.41 -0.32 0.00	27.81 -0.31 0.00	29.83 -0.31 0.00	30.75 -0.30 0.00	31.20 -0.30 0.00	33.27 -0.29 0.00	45.84 -0.42 0.00	48.12 -0.28 0.00	48.97 -0.41 0.00	47.83 -0.54 0.00	42.36 -0.43 0.00	39.15 -0.43 0.00
ST_LAW_230_BK5_LBMP 345035	34.68 -0.27 0.00	34.76 -0.31 0.00	35.70 -0.34 0.00	32.41 -0.27 0.00	41.63 -0.31 0.00	57.17 -0.42 0.00	61.05 -0.54 0.00	41.77 -0.35 0.00	28.92 -0.29 0.00	28.29 -0.29 0.00	29.94 -0.35 0.00	27.71 -0.33 0.00	27.44 -0.29 0.00	27.85 -0.27 0.00	29.87 -0.27 0.00	30.79 -0.26 0.00	31.24 -0.26 0.00	33.31 -0.24 0.00	45.89 -0.37 0.00	48.17 -0.23 0.00	49.03 -0.35 0.00	47.90 -0.47 0.00	42.42 -0.37 0.00	39.20 -0.38 0.00
ST_LAW_230_BK6_LBMP 345036	34.68 -0.27 0.00	34.76 -0.31 0.00	35.70 -0.34 0.00	32.41 -0.27 0.00	41.63 -0.31 0.00	57.17 -0.42 0.00	61.05 -0.54 0.00	41.77 -0.35 0.00	28.92 -0.29 0.00	28.29 -0.29 0.00	29.94 -0.35 0.00	27.71 -0.33 0.00	27.44 -0.29 0.00	27.85 -0.27 0.00	29.87 -0.27 0.00	30.79 -0.26 0.00	31.24 -0.26 0.00	33.31 -0.24 0.00	45.89 -0.37 0.00	48.17 -0.23 0.00	49.03 -0.35 0.00	47.90 -0.47 0.00	42.42 -0.37 0.00	39.20 -0.38 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.51 1.56 0.00	36.57 1.50 0.00	37.52 1.48 0.00	33.95 1.28 0.00	43.47 1.53 0.00	59.75 2.16 0.00	64.16 2.57 0.00	44.40 2.28 0.00	30.84 1.63 0.00	30.23 1.65 0.00	32.00 1.71 0.00	29.67 1.63 0.00	29.25 1.52 0.00	29.61 1.49 0.00	31.67 1.54 0.00	32.72 1.66 0.00	33.19 1.69 0.00	35.27 1.71 0.00	48.76 2.35 -0.15	50.71 2.31 0.00	51.91 2.53 0.00	50.83 2.41 -0.06	45.02 2.13 -0.11	41.49 1.91 0.00
SWANROAD_115KV_TB1 355699	32.98 -1.98 0.00	33.22 -1.85 0.00	33.93 -2.11 0.00	30.79 -1.89 0.00	39.67 -2.27 0.00	54.43 -3.17 0.00	58.26 -3.33 0.00	38.81 -3.31 0.00	26.99 -2.22 0.00	26.55 -2.03 0.00	28.77 -1.52 0.00	26.44 -1.60 0.00	26.06 -1.67 0.00	26.65 -1.46 0.00	28.68 -1.45 0.00	29.52 -1.54 0.00	29.74 -1.76 0.00	31.19 -2.36 0.00	41.22 -3.86 1.18	44.39 -4.01 0.00	45.55 -3.82 0.00	43.62 -4.31 0.44	38.34 -3.60 0.84	36.91 -2.67 0.00
SYNERGY___BIOGAS 323694	34.77 -0.18 0.00	34.98 -0.09 0.00	35.77 -0.27 0.00	32.44 -0.24 0.00	41.81 -0.13 0.00	57.65 0.06 0.00	61.96 0.37 0.00	41.45 -0.67 0.00	28.59 -0.62 0.00	27.95 -0.62 0.00	30.00 -0.29 0.00	27.36 -0.68 0.00	26.91 -0.82 0.00	27.48 -0.63 0.00	29.57 -0.57 0.00	30.74 -0.31 0.00	31.26 -0.24 0.00	33.19 -0.36 0.00	44.23 -1.03 1.00	47.41 -0.99 0.00	48.66 -0.71 0.00	46.74 -1.26 0.37	40.95 -1.13 0.71	38.97 -0.61 0.00
SYRACUSE___ENERGY_ST1 323597	34.69 -0.26 0.00	34.82 -0.25 0.00	35.78 -0.26 0.00	32.43 -0.25 0.00	41.65 -0.30 0.00	57.31 -0.28 0.00	61.44 -0.15 0.00	41.84 -0.28 0.00	28.90 -0.31 0.00	28.28 -0.30 0.00	30.11 -0.18 0.00	27.87 -0.17 0.00	27.50 -0.23 0.00	27.81 -0.31 0.00	29.79 -0.34 0.00	30.75 -0.31 0.00	31.28 -0.22 0.00	33.34 -0.21 0.00	45.74 -0.31 0.20	48.02 -0.38 0.00	49.04 -0.34 0.00	47.93 -0.36 0.08	42.25 -0.39 0.15	39.20 -0.38 0.00
SYRACUSE___ENERGY_ST2 323598	34.69 -0.26 0.00	34.82 -0.25 0.00	35.78 -0.26 0.00	32.43 -0.25 0.00	41.65 -0.30 0.00	57.31 -0.28 0.00	61.44 -0.15 0.00	41.84 -0.28 0.00	28.90 -0.31 0.00	28.28 -0.30 0.00	30.11 -0.18 0.00	27.87 -0.17 0.00	27.50 -0.23 0.00	27.81 -0.31 0.00	29.79 -0.34 0.00	30.75 -0.31 0.00	31.28 -0.22 0.00	33.34 -0.21 0.00	45.74 -0.31 0.20	48.02 -0.38 0.00	49.04 -0.34 0.00	47.93 -0.36 0.08	42.25 -0.39 0.15	39.20 -0.38 0.00
SYRACUSE___POWER 24017	34.75 -0.21 0.00	34.87 -0.20 0.00	35.82 -0.22 0.00	32.47 -0.21 0.00	41.69 -0.25 0.00	57.38 -0.21 0.00	61.50 -0.09 0.00	41.90 -0.22 0.00	28.95 -0.25 0.00	28.31 -0.26 0.00	30.15 -0.14 0.00	27.91 -0.13 0.00	27.54 -0.19 0.00	27.86 -0.25 0.00	29.86 -0.28 0.00	30.80 -0.25 0.00	31.32 -0.18 0.00	33.39 -0.17 0.00	46.02 -0.24 0.00	48.09 -0.31 0.00	49.12 -0.26 0.00	48.09 -0.28 0.00	42.47 -0.32 0.00	39.25 -0.33 0.00
TALLMAN__138KV_BK151 55660	36.55 1.59 0.00	36.59 1.52 0.00	37.52 1.48 0.00	33.95 1.27 0.00	43.44 1.50 0.00	59.73 2.14 0.00	64.21 2.62 0.00	44.49 2.36 0.00	30.92 1.72 0.00	30.34 1.77 0.00	32.15 1.86 0.00	29.83 1.79 0.00	29.38 1.65 0.00	29.75 1.63 0.00	31.81 1.67 0.00	32.84 1.78 0.00	33.32 1.82 0.00	35.37 1.82 0.00	48.69 2.43 0.00	50.77 2.37 0.00	51.99 2.61 0.00	50.81 2.45 0.00	44.97 2.18 0.00	41.55 1.97 0.00
TEALLAVE_115KV_TB7 355573	34.51 -0.45 0.00	34.63 -0.44 0.00	35.58 -0.46 0.00	32.24 -0.44 0.00	41.41 -0.53 0.00	56.99 -0.60 0.00	61.08 -0.51 0.00	41.62 -0.50 0.00	28.80 -0.41 0.00	28.19 -0.38 0.00	30.02 -0.27 0.00	27.78 -0.25 0.00	27.42 -0.31 0.00	27.74 -0.37 0.00	29.75 -0.39 0.00	30.68 -0.37 0.00	31.17 -0.33 0.00	33.20 -0.35 0.00	45.74 -0.52 0.00	47.78 -0.62 0.00	48.79 -0.58 0.00	47.79 -0.58 0.00	42.21 -0.58 0.00	39.04 -0.54 0.00
TELEGRAPH_34_KV_EAST 80808	33.89 -1.07 0.00	34.12 -0.95 0.00	34.87 -1.17 0.00	31.63 -1.05 0.00	40.75 -1.20 0.00	56.04 -1.56 0.00	60.08 -1.51 0.00	40.12 -2.00 0.00	27.83 -1.38 0.00	27.31 -1.26 0.00	29.46 -0.83 0.00	27.01 -1.03 0.00	26.60 -1.13 0.00	27.18 -0.94 0.00	29.25 -0.89 0.00	30.23 -0.83 0.00	30.56 -0.94 0.00	32.21 -1.35 0.00	42.77 -2.42 1.08	45.93 -2.47 0.00	47.13 -2.25 0.00	45.20 -2.76 0.40	39.66 -2.35 0.77	37.95 -1.63 0.00
TEMPLE___115KV_TB 2 55572	34.54 -0.42 0.00	34.66 -0.41 0.00	35.60 -0.44 0.00	32.26 -0.41 0.00	41.44 -0.51 0.00	57.03 -0.57 0.00	61.12 -0.47 0.00	41.65 -0.48 0.00	28.82 -0.38 0.00	28.22 -0.36 0.00	30.05 -0.24 0.00	27.81 -0.23 0.00	27.45 -0.28 0.00	27.77 -0.34 0.00	29.77 -0.37 0.00	30.71 -0.35 0.00	31.19 -0.30 0.00	33.23 -0.33 0.00	45.76 -0.50 0.00	47.82 -0.58 0.00	48.83 -0.55 0.00	47.82 -0.55 0.00	42.24 -0.55 0.00	39.07 -0.51 0.00

TIANA___69_KV_BK 1 55817	36.68 1.72 0.00	36.87 1.80 0.00	37.90 1.86 0.00	34.29 1.61 0.00	43.47 1.53 0.00	47.00 1.73 12.33	70.00 2.54 -5.86	27.88 2.47 16.71	26.20 1.89 4.89	30.74 2.17 0.00	33.31 2.97 -0.05	30.82 2.79 0.00	34.10 2.64 -3.73	30.77 2.65 0.00	32.53 2.40 0.00	33.54 2.48 0.00	33.86 2.36 0.00	37.18 2.43 -1.20	49.19 2.92 0.00	48.21 2.35 2.54	51.91 2.54 0.00	51.24 2.87 0.00	44.93 2.14 0.01	41.69 2.11 0.00
TILDEN___115KV_TB1 80814	34.75 -0.21 0.00	34.87 -0.20 0.00	35.82 -0.22 0.00	32.47 -0.21 0.00	41.69 -0.25 0.00	57.38 -0.21 0.00	61.50 -0.09 0.00	41.90 -0.22 0.00	28.95 -0.25 0.00	28.31 -0.26 0.00	30.15 -0.14 0.00	27.91 -0.13 0.00	27.54 -0.19 0.00	27.86 -0.25 0.00	29.86 -0.28 0.00	30.80 -0.25 0.00	31.32 -0.18 0.00	33.39 -0.17 0.00	46.02 -0.24 0.00	48.09 -0.31 0.00	49.12 -0.26 0.00	48.09 -0.28 0.00	42.47 -0.32 0.00	39.25 -0.33 0.00
TRIGEN___CC 323695	36.58 1.63 0.00	36.76 1.69 0.00	37.75 1.71 0.00	34.15 1.47 0.00	43.39 1.45 0.00	57.22 1.68 2.05	63.31 2.15 0.43	41.14 2.22 3.21	29.94 1.71 0.98	30.57 1.99 0.00	32.85 2.47 -0.09	30.41 2.37 0.00	33.67 2.21 -3.73	30.31 2.20 0.00	32.32 2.19 0.00	33.31 2.26 0.00	33.63 2.14 0.00	35.52 1.96 0.00	48.73 2.47 0.00	50.30 2.34 0.44	51.92 2.54 0.00	50.89 2.52 0.00	44.94 2.15 0.00	41.74 2.16 0.00
TRINITY___115KV___4 BK 55933	35.65 0.69 0.00	35.81 0.74 0.00	36.82 0.78 0.00	33.33 0.65 0.00	42.68 0.73 0.00	58.41 0.82 0.00	62.44 0.86 0.00	42.92 0.80 0.00	29.93 0.73 0.00	29.29 0.71 0.00	30.93 0.64 0.00	28.66 0.63 0.00	28.35 0.62 0.00	28.76 0.65 0.00	30.84 0.71 0.00	31.69 0.64 0.00	32.13 0.63 0.00	34.13 0.58 0.00	46.99 0.73 0.00	48.95 0.55 0.00	49.98 0.61 0.00	49.13 0.76 0.00	43.50 0.71 0.00	40.26 0.68 0.00
UNION___PROCESSING_DRP 323587	34.85 -0.11 0.00	35.03 -0.04 0.00	35.86 -0.18 0.00	32.51 -0.17 0.00	41.84 -0.10 0.00	57.90 0.31 0.00	62.15 0.56 0.00	42.03 -0.09 0.00	29.08 -0.12 0.00	28.53 -0.04 0.00	30.48 0.18 0.00	28.01 -0.03 0.00	27.60 -0.12 0.00	28.08 -0.04 0.00	30.18 0.04 0.00	31.20 0.15 0.00	31.65 0.15 0.00	33.56 0.01 0.00	45.26 -0.29 0.72	48.13 -0.26 0.00	49.27 -0.11 0.00	47.66 -0.45 0.26	41.81 -0.46 0.51	39.38 -0.19 0.00
UPPER HUDSON___HYD 24058	36.11 1.15 0.00	36.15 1.08 0.00	37.15 1.11 0.00	33.73 1.06 0.00	43.38 1.44 0.00	59.54 1.95 0.00	63.71 2.12 0.00	43.43 1.31 0.00	30.12 0.92 0.00	29.22 0.64 0.00	30.75 0.46 0.00	28.33 0.29 0.00	27.98 0.25 0.00	28.27 0.16 0.00	30.35 0.21 0.00	31.09 0.03 0.00	31.70 0.20 0.00	33.99 0.44 0.00	47.32 1.06 0.00	49.56 1.16 0.00	50.57 1.19 0.00	49.77 1.40 0.00	44.14 1.35 0.00	40.82 1.24 0.00
UPPER RAQUET___HYD 24056	33.46 -1.49 0.00	33.57 -1.51 0.00	34.57 -1.47 0.00	31.46 -1.22 0.00	40.51 -1.43 0.00	55.67 -1.93 0.00	59.34 -2.25 0.00	40.42 -1.70 0.00	27.77 -1.43 0.00	27.15 -1.43 0.00	28.72 -1.57 0.00	26.57 -1.48 0.00	26.34 -1.39 0.00	26.71 -1.41 0.00	28.65 -1.49 0.00	29.55 -1.50 0.00	30.03 -1.47 0.00	32.17 -1.39 0.00	44.52 -1.74 0.00	46.87 -1.53 0.00	47.69 -1.69 0.00	46.42 -1.95 0.00	41.02 -1.76 0.00	37.88 -1.69 0.00
VALLEY44_115KV_TB2 355964	34.61 -0.35 0.00	35.02 -0.05 0.00	35.77 -0.27 0.00	32.40 -0.27 0.00	41.62 -0.32 0.00	57.05 -0.55 0.00	61.03 -0.56 0.00	40.77 -1.35 0.00	28.22 -0.98 0.00	27.71 -0.87 0.00	29.95 -0.34 0.00	27.37 -0.67 0.00	26.79 -0.94 0.00	27.29 -0.82 0.00	29.39 -0.75 0.00	30.33 -0.73 0.00	30.61 -0.89 0.00	32.12 -1.44 0.00	42.29 -2.41 1.56	46.13 -2.27 0.00	47.62 -1.76 0.00	45.36 -2.43 0.58	39.30 -2.38 1.12	37.73 -1.85 0.00
VALLEY___115KV_TB 1-4 80826	35.95 1.00 0.00	36.14 1.07 0.00	37.14 1.10 0.00	33.70 1.03 0.00	43.28 1.34 0.00	59.52 1.92 0.00	63.58 1.99 0.00	42.94 0.81 0.00	29.39 0.18 0.00	28.51 -0.06 0.00	30.09 -0.20 0.00	27.83 -0.21 0.00	27.52 -0.21 0.00	27.92 -0.19 0.00	29.89 -0.24 0.00	30.87 -0.19 0.00	31.54 0.04 0.00	34.04 0.49 0.00	47.28 1.02 0.00	49.67 1.27 0.00	50.66 1.28 0.00	49.43 1.06 0.00	43.72 0.93 0.00	40.43 0.85 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.86 1.91 0.00	37.02 1.95 0.00	38.16 2.12 0.00	34.66 1.98 0.00	44.44 2.50 0.00	61.16 3.56 0.00	65.42 3.83 0.00	44.57 2.45 0.00	30.81 1.61 0.00	30.08 1.50 0.00	31.85 1.56 0.00	29.42 1.38 0.00	28.88 1.15 0.00	29.25 1.13 0.00	31.37 1.23 0.00	32.40 1.34 0.00	32.94 1.44 0.00	35.05 1.49 0.00	48.84 2.16 -0.41	50.48 2.08 0.00	51.56 2.19 0.00	50.67 2.15 -0.15	44.93 1.85 -0.30	41.26 1.68 0.00
VISCHER___FERRY HYD 24020	36.11 1.15 0.00	36.23 1.16 0.00	37.19 1.15 0.00	33.72 1.05 0.00	43.27 1.33 0.00	59.24 1.65 0.00	63.29 1.70 0.00	43.35 1.22 0.00	30.24 1.03 0.00	29.54 0.96 0.00	31.15 0.86 0.00	28.79 0.76 0.00	28.50 0.77 0.00	28.89 0.77 0.00	31.04 0.90 0.00	31.86 0.81 0.00	32.31 0.81 0.00	34.39 0.84 0.00	47.60 1.34 0.00	49.60 1.20 0.00	50.64 1.26 0.00	49.82 1.45 0.00	44.09 1.30 0.00	40.82 1.24 0.00
V_A_10_SYNC_DSASP 323832	33.87 -1.09 0.00	34.09 -0.97 0.00	34.86 -1.18 0.00	31.61 -1.07 0.00	40.65 -1.29 0.00	55.66 -1.93 0.00	59.59 -1.99 0.00	39.89 -2.23 0.00	27.71 -1.49 0.00	27.26 -1.32 0.00	29.44 -0.85 0.00	27.10 -0.94 0.00	26.71 -1.02 0.00	27.25 -0.86 0.00	29.30 -0.84 0.00	30.19 -0.87 0.00	30.43 -1.07 0.00	31.99 -1.57 0.00	42.56 -2.67 1.04	45.67 -2.73 0.00	46.87 -2.51 0.00	45.03 -2.96 0.38	39.50 -2.55 0.74	37.76 -1.82 0.00
V_CMM_10_SYNC_DSASP 323787	34.79 -0.16 0.00	34.88 -0.19 0.00	35.83 -0.21 0.00	32.52 -0.15 0.00	41.79 -0.15 0.00	57.38 -0.21 0.00	61.18 -0.41 0.00	41.84 -0.29 0.00	28.98 -0.22 0.00	28.39 -0.19 0.00	30.03 -0.26 0.00	27.79 -0.24 0.00	27.52 -0.21 0.00	27.92 -0.20 0.00	29.96 -0.18 0.00	30.89 -0.16 0.00	31.34 -0.16 0.00	33.42 -0.13 0.00	46.05 -0.21 0.00	48.23 -0.16 0.00	49.00 -0.38 0.00	47.86 -0.51 0.00	42.45 -0.33 0.00	39.29 -0.29 0.00
V_CMP_10_SYNC_DSASP 323788	35.14 0.18 0.00	35.17 0.10 0.00	36.22 0.18 0.00	32.91 0.23 0.00	42.26 0.31 0.00	57.90 0.30 0.00	61.37 -0.22 0.00	42.11 -0.02 0.00	29.27 0.07 0.00	28.61 0.03 0.00	30.20 -0.09 0.00	27.87 -0.17 0.00	27.59 -0.14 0.00	28.00 -0.12 0.00	30.14 0.01 0.00	30.99 -0.07 0.00	31.47 -0.02 0.00	33.64 0.08 0.00	46.29 0.03 0.00	48.54 0.14 0.00	49.36 -0.02 0.00	48.44 0.08 0.00	42.89 0.10 0.00	39.40 -0.18 0.00
V_D_10_SYNC_DSASP 323841	34.78 -0.17 0.00	34.87 -0.20 0.00	35.83 -0.21 0.00	32.53 -0.15 0.00	41.80 -0.14 0.00	57.41 -0.19 0.00	61.26 -0.32 0.00	41.91 -0.22 0.00	28.95 -0.25 0.00	28.33 -0.25 0.00	29.96 -0.33 0.00	27.74 -0.30 0.00	27.46 -0.27 0.00	27.86 -0.26 0.00	29.89 -0.25 0.00	30.83 -0.22 0.00	31.29 -0.21 0.00	33.38 -0.17 0.00	46.05 -0.21 0.00	48.35 -0.05 0.00	49.21 -0.17 0.00	48.01 -0.36 0.00	42.53 -0.26 0.00	39.31 -0.27 0.00

V_E_10_SYNC_DSASP 323830	38.03 3.08 0.00	38.26 3.19 0.00	39.50 3.46 0.00	36.04 3.36 0.00	46.40 4.46 0.00	64.05 6.46 0.00	68.81 7.22 0.00	46.17 4.04 0.00	31.04 1.83 0.00	29.74 1.16 0.00	31.58 1.29 0.00	28.94 0.90 0.00	28.87 1.14 0.00	29.06 0.95 0.00	31.16 1.02 0.00	32.20 1.15 0.00	32.83 1.34 0.00	36.08 2.52 0.00	50.77 4.26 -0.24	52.68 4.28 0.00	53.54 4.16 0.00	51.40 2.94 -0.09	45.30 2.34 -0.17	41.17 1.59 0.00
V_F_30_NSYNC_DSASP 323816	36.38 1.42 0.00	36.47 1.40 0.00	37.45 1.41 0.00	33.98 1.31 0.00	43.65 1.71 0.00	59.86 2.27 0.00	64.02 2.44 0.00	43.71 1.58 0.00	30.34 1.13 0.00	29.54 0.96 0.00	31.14 0.85 0.00	28.77 0.74 0.00	28.45 0.72 0.00	28.85 0.74 0.00	30.96 0.82 0.00	31.79 0.74 0.00	32.33 0.83 0.00	34.58 1.02 0.00	47.96 1.70 0.00	50.15 1.75 0.00	51.18 1.81 0.00	50.27 1.90 0.00	44.47 1.69 0.00	41.16 1.58 0.00
V_F_30_SYNC_DSASP 323786	35.78 0.82 0.00	35.95 0.88 0.00	36.95 0.91 0.00	33.45 0.77 0.00	42.83 0.89 0.00	58.66 1.07 0.00	62.72 1.13 0.00	43.10 0.98 0.00	30.03 0.83 0.00	29.39 0.81 0.00	31.04 0.75 0.00	28.76 0.72 0.00	28.45 0.73 0.00	28.87 0.76 0.00	30.94 0.81 0.00	31.81 0.76 0.00	32.28 0.78 0.00	34.32 0.77 0.00	47.20 0.94 0.00	49.19 0.79 0.00	50.23 0.85 0.00	49.35 0.98 0.00	43.67 0.88 0.00	40.40 0.82 0.00
V_XM_10_SYNC_DSASP 323789	35.14 0.18 0.00	35.17 0.10 0.00	36.22 0.18 0.00	32.91 0.23 0.00	42.26 0.31 0.00	57.90 0.30 0.00	61.37 -0.22 0.00	42.11 -0.02 0.00	29.27 0.07 0.00	28.61 0.03 0.00	30.20 -0.09 0.00	27.87 -0.17 0.00	27.59 -0.14 0.00	28.00 -0.12 0.00	30.14 0.01 0.00	30.99 -0.07 0.00	31.47 -0.02 0.00	33.64 0.08 0.00	46.29 0.03 0.00	48.54 0.14 0.00	49.36 -0.02 0.00	48.44 0.08 0.00	42.89 0.10 0.00	39.40 -0.18 0.00
W.BABYLN_69_KV_BK1 56697	36.84 1.89 0.00	37.04 1.97 0.00	38.08 2.04 0.00	34.43 1.75 0.00	43.65 1.70 0.00	49.00 1.92 10.51	64.32 2.49 -0.23	29.39 2.50 15.23	26.50 1.89 4.59	30.74 2.16 0.00	33.13 2.77 -0.06	30.65 2.61 0.00	33.87 2.41 -3.73	30.52 2.40 0.00	32.50 2.37 0.00	33.49 2.44 0.00	33.84 2.34 0.00	36.04 2.15 -0.33	49.03 2.77 0.00	48.90 2.68 2.18	52.28 2.91 0.00	51.32 2.95 0.00	45.19 2.41 0.01	42.02 2.44 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.68 1.73 0.00	36.72 1.65 0.00	37.66 1.62 0.00	34.07 1.40 0.00	43.61 1.67 0.00	59.96 2.36 0.00	64.43 2.84 0.00	44.65 2.53 0.00	31.03 1.83 0.00	30.45 1.87 0.00	32.26 1.98 0.00	29.94 1.90 0.00	29.49 1.76 0.00	29.86 1.74 0.00	31.93 1.79 0.00	32.97 1.91 0.00	33.45 1.95 0.00	35.52 1.97 0.00	48.91 2.65 0.00	50.99 2.59 0.00	52.20 2.83 0.00	51.03 2.66 0.00	45.14 2.35 0.00	41.71 2.13 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.76 1.81 0.00	36.80 1.73 0.00	37.74 1.69 0.00	34.14 1.47 0.00	43.67 1.73 0.00	59.97 2.37 0.00	64.39 2.80 0.00	44.76 2.64 0.00	31.24 2.04 0.00	30.71 2.14 0.00	32.59 2.30 0.00	30.26 2.23 0.00	29.84 2.11 0.00	30.19 2.08 0.00	32.24 2.11 0.00	33.27 2.21 0.00	33.74 2.24 0.00	35.80 2.24 0.00	49.14 2.88 0.00	51.17 2.77 0.00	52.30 2.93 0.00	51.15 2.78 0.00	45.30 2.52 0.00	41.87 2.30 0.00
W50THST__13_KV_LOAD 356117	36.93 1.98 0.00	36.96 1.89 0.00	37.89 1.85 0.00	34.29 1.61 0.00	43.85 1.91 0.00	60.23 2.63 0.00	64.70 3.11 0.00	45.00 2.88 0.00	31.41 2.21 0.00	30.89 2.31 0.00	32.79 2.50 0.00	30.45 2.41 0.00	30.03 2.30 0.00	30.39 2.27 0.00	32.45 2.31 0.00	33.48 2.43 0.00	33.94 2.45 0.00	36.01 2.46 0.00	49.42 3.16 0.00	51.43 3.04 0.00	52.58 3.20 0.00	51.39 3.02 0.00	45.51 2.72 0.00	42.06 2.48 0.00
WADING RIVER_IC_1 23522	36.60 1.64 0.00	36.81 1.74 0.00	37.84 1.80 0.00	34.23 1.55 0.00	43.34 1.40 0.00	46.67 1.40 12.33	69.47 1.96 -5.93	27.43 2.02 16.71	25.94 1.63 4.89	30.54 1.97 0.00	33.03 2.68 -0.05	30.59 2.55 0.00	33.85 2.39 -3.73	30.53 2.42 0.00	32.39 2.25 0.00	33.37 2.31 0.00	33.65 2.16 0.00	36.86 2.10 -1.21	48.61 2.34 0.00	47.44 1.58 2.54	51.17 1.80 0.00	50.66 2.29 0.00	44.44 1.66 0.01	41.29 1.71 0.00
WADING RIVER_IC_2 23547	36.60 1.64 0.00	36.81 1.74 0.00	37.84 1.80 0.00	34.23 1.55 0.00	43.34 1.40 0.00	46.67 1.40 12.33	69.47 1.96 -5.93	27.43 2.02 16.71	25.94 1.63 4.89	30.54 1.97 0.00	33.03 2.68 -0.05	30.59 2.55 0.00	33.85 2.39 -3.73	30.53 2.42 0.00	32.39 2.25 0.00	33.37 2.31 0.00	33.65 2.16 0.00	36.86 2.10 -1.21	48.61 2.34 0.00	47.44 1.58 2.54	51.17 1.80 0.00	50.66 2.29 0.00	44.44 1.66 0.01	41.29 1.71 0.00
WADING RIVER_IC_3 23601	36.60 1.64 0.00	36.81 1.74 0.00	37.84 1.80 0.00	34.23 1.55 0.00	43.34 1.40 0.00	46.67 1.40 12.33	69.47 1.96 -5.93	27.43 2.02 16.71	25.94 1.63 4.89	30.54 1.97 0.00	33.03 2.68 -0.05	30.59 2.55 0.00	33.85 2.39 -3.73	30.53 2.42 0.00	32.39 2.25 0.00	33.37 2.31 0.00	33.65 2.16 0.00	36.86 2.10 -1.21	48.61 2.34 0.00	47.44 1.58 2.54	51.17 1.80 0.00	50.66 2.29 0.00	44.44 1.66 0.01	41.29 1.71 0.00
WALDENNY_12_KV_BK2 80841	34.04 -0.91 0.00	34.34 -0.73 0.00	35.05 -0.99 0.00	31.78 -0.90 0.00	40.87 -1.08 0.00	56.08 -1.52 0.00	60.02 -1.57 0.00	39.98 -2.14 0.00	27.79 -1.41 0.00	27.31 -1.27 0.00	29.60 -0.69 0.00	27.17 -0.88 0.00	26.74 -0.99 0.00	27.33 -0.78 0.00	29.42 -0.72 0.00	30.35 -0.70 0.00	30.58 -0.92 0.00	32.11 -1.45 0.00	42.34 -2.59 0.00	45.76 -2.64 0.00	46.97 -2.41 0.00	44.89 -2.98 0.50	39.22 -2.61 0.96	37.66 -1.92 0.00
WALDEN__HYDRO 24148	36.71 1.75 0.00	36.75 1.68 0.00	37.70 1.66 0.00	34.13 1.46 0.00	43.70 1.76 0.00	60.07 2.47 0.00	64.50 2.91 0.00	44.70 2.58 0.00	31.03 1.83 0.00	30.37 1.80 0.00	32.10 1.81 0.00	29.75 1.71 0.00	29.34 1.61 0.00	29.71 1.60 0.00	31.80 1.66 0.00	32.86 1.80 0.00	33.32 1.82 0.00	35.44 1.89 0.00	48.93 2.67 0.00	51.10 2.70 0.00	52.30 2.92 0.00	51.16 2.79 0.00	45.22 2.43 0.00	41.77 2.19 0.00
WARRENSBURG____ 23737	36.11 1.15 0.00	36.15 1.08 0.00	37.15 1.11 0.00	33.73 1.06 0.00	43.38 1.44 0.00	59.54 1.95 0.00	63.71 2.12 0.00	43.44 1.31 0.00	30.12 0.92 0.00	29.22 0.64 0.00	30.75 0.46 0.00	28.33 0.30 0.00	27.98 0.25 0.00	28.27 0.16 0.00	30.35 0.21 0.00	31.09 0.03 0.00	31.70 0.20 0.00	33.99 0.43 0.00	47.32 1.06 0.00	49.56 1.16 0.00	50.57 1.19 0.00	49.77 1.41 0.00	44.14 1.35 0.00	40.82 1.24 0.00
WATERSIDE____6 8 9 23538	36.81 1.86 0.00	36.87 1.79 0.00	37.79 1.75 0.00	34.21 1.53 0.00	43.72 1.78 0.00	59.99 2.40 0.00	64.35 2.76 0.00	44.85 2.72 0.00	31.32 2.11 -0.01	30.79 2.21 0.00	32.70 2.40 -0.01	30.38 2.33 -0.01	29.95 2.22 -0.01	30.31 2.19 -0.01	32.34 2.21 0.00	33.37 2.31 -0.01	33.83 2.33 0.00	35.88 2.32 0.00	49.20 2.94 0.00	51.22 2.82 0.00	52.36 2.98 0.00	51.20 2.83 0.00	45.42 2.63 0.00	41.97 2.39 0.00

WATKINRD_115KV_LN8_ILLLION 55919	35.71 0.76 0.00	35.88 0.81 0.00	36.88 0.84 0.00	33.45 0.77 0.00	42.96 1.02 0.00	59.04 1.44 0.00	63.09 1.50 0.00	42.77 0.65 0.00	29.39 0.18 0.00	28.58 0.01 0.00	30.20 -0.09 0.00	27.93 -0.10 0.00	27.62 -0.11 0.00	28.02 -0.10 0.00	30.01 -0.13 0.00	30.97 -0.09 0.00	31.56 0.07 0.00	33.94 0.38 0.00	47.05 0.79 0.00	49.35 0.95 0.00	50.36 0.98 0.00	49.20 0.83 0.00	43.51 0.73 0.00	40.24 0.66 0.00
WDELAWARE___HYD 323627	36.46 1.51 0.00	36.50 1.43 0.00	37.47 1.43 0.00	33.95 1.27 0.00	43.50 1.55 0.00	59.85 2.26 0.00	64.28 2.69 0.00	44.33 2.21 0.00	30.69 1.48 0.00	29.80 1.23 0.00	30.73 0.44 0.00	28.43 0.39 0.00	28.04 0.31 0.00	28.44 0.32 0.00	30.44 0.30 0.00	31.52 0.46 0.00	32.06 0.57 0.00	34.35 0.80 0.00	48.79 2.34 -0.18	50.77 2.37 0.00	51.76 2.38 0.00	50.59 2.15 -0.07	44.74 1.82 -0.13	41.16 1.58 0.00
WEST BABYLON___IC 23714	36.84 1.89 0.00	37.04 1.97 0.00	38.08 2.04 0.00	34.43 1.75 0.00	43.65 1.70 0.00	49.00 1.92 10.51	64.32 2.49 -0.23	29.39 2.50 15.23	26.50 1.89 4.59	30.74 2.16 0.00	33.13 2.77 -0.06	30.65 2.61 0.00	33.87 2.41 -3.73	30.52 2.40 0.00	32.50 2.37 0.00	33.49 2.44 0.00	33.84 2.34 0.00	36.04 2.15 -0.33	49.03 2.77 0.00	48.90 2.68 2.18	52.28 2.91 0.00	51.32 2.95 0.00	45.19 2.41 0.01	42.02 2.44 0.00
WEST CANADA___HYD 24049	35.09 0.14 0.00	35.22 0.15 0.00	36.22 0.18 0.00	32.84 0.16 0.00	42.14 0.19 0.00	57.85 0.26 0.00	61.86 0.27 0.00	42.30 0.18 0.00	29.30 0.10 0.00	28.66 0.09 0.00	30.36 0.07 0.00	28.10 0.06 0.00	27.80 0.07 0.00	28.19 0.07 0.00	30.20 0.07 0.00	31.13 0.07 0.00	31.58 0.09 0.00	33.67 0.12 0.00	46.48 0.21 0.00	48.58 0.18 0.00	49.57 0.19 0.00	48.57 0.20 0.00	42.96 0.17 0.00	39.74 0.16 0.00
WESTERN_NY_WIND 24143	34.71 -0.24 0.00	34.93 -0.14 0.00	35.71 -0.33 0.00	32.39 -0.29 0.00	41.75 -0.20 0.00	57.54 -0.06 0.00	61.82 0.23 0.00	41.35 -0.77 0.00	28.52 -0.68 0.00	27.89 -0.68 0.00	29.95 -0.34 0.00	27.31 -0.73 0.00	26.86 -0.87 0.00	27.44 -0.67 0.00	29.53 -0.61 0.00	30.69 -0.36 0.00	31.20 -0.30 0.00	33.11 -0.44 0.00	44.10 -1.14 1.02	47.29 -1.11 0.00	48.55 -0.83 0.00	46.60 -1.39 0.38	40.81 -1.24 0.73	38.88 -0.70 0.00
WESTOVER___LESR 323668	35.44 0.49 0.00	35.63 0.56 0.00	36.60 0.56 0.00	33.18 0.50 0.00	42.58 0.64 0.00	58.51 0.92 0.00	62.68 1.10 0.00	42.67 0.55 0.00	29.50 0.30 0.00	28.81 0.23 0.00	30.67 0.38 0.00	28.34 0.30 0.00	27.96 0.23 0.00	28.30 0.19 0.00	30.36 0.22 0.00	31.33 0.27 0.00	31.80 0.31 0.00	33.90 0.34 0.00	48.20 0.46 -1.48	48.82 0.42 0.00	49.91 0.53 0.00	49.32 0.40 -0.55	44.09 0.24 -1.06	39.79 0.21 0.00
WETHRSFD_WT_PWR 323626	34.13 -0.83 0.00	34.50 -0.57 0.00	35.23 -0.81 0.00	31.93 -0.75 0.00	41.00 -0.94 0.00	56.14 -1.46 0.00	59.95 -1.64 0.00	39.72 -2.40 0.00	27.41 -1.79 0.00	26.99 -1.59 0.00	29.21 -1.08 0.00	26.76 -1.28 0.00	26.25 -1.48 0.00	26.75 -1.37 0.00	28.91 -1.23 0.00	29.88 -1.18 0.00	30.34 -1.16 0.00	32.02 -1.53 0.00	41.90 -2.68 1.68	45.44 -2.96 0.00	46.70 -2.67 0.00	44.42 -3.33 0.62	38.29 -3.30 1.20	36.75 -2.82 0.00
WHAVSTOR_138KV_BK127 55557	36.52 1.56 0.00	36.56 1.49 0.00	37.49 1.45 0.00	33.93 1.25 0.00	43.41 1.47 0.00	59.67 2.08 0.00	64.04 2.45 0.00	44.39 2.27 0.00	30.87 1.67 0.00	30.30 1.72 0.00	32.11 1.82 0.00	29.79 1.75 0.00	29.35 1.62 0.00	29.71 1.60 0.00	31.76 1.62 0.00	32.79 1.73 0.00	33.27 1.77 0.00	35.33 1.78 0.00	48.65 2.38 0.00	50.71 2.31 0.00	51.91 2.53 0.00	50.76 2.39 0.00	44.92 2.13 0.00	41.52 1.94 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.52 1.56 0.00	36.56 1.49 0.00	37.49 1.45 0.00	33.93 1.25 0.00	43.41 1.47 0.00	59.67 2.08 0.00	64.04 2.45 0.00	44.39 2.27 0.00	30.87 1.67 0.00	30.30 1.72 0.00	32.11 1.82 0.00	29.79 1.75 0.00	29.35 1.62 0.00	29.71 1.60 0.00	31.76 1.62 0.00	32.79 1.73 0.00	33.27 1.77 0.00	35.33 1.78 0.00	48.65 2.38 0.00	50.71 2.31 0.00	51.91 2.53 0.00	50.76 2.39 0.00	44.92 2.13 0.00	41.52 1.94 0.00
WHITEHAL_115KV_TB1 80871	36.96 2.01 0.00	36.79 1.71 0.00	37.93 1.89 0.00	34.54 1.86 0.00	44.55 2.60 0.00	61.07 3.47 0.00	65.25 3.66 0.00	44.28 2.16 0.00	30.89 1.68 0.00	29.77 1.19 0.00	31.24 0.95 0.00	28.53 0.49 0.00	28.04 0.31 0.00	28.44 0.33 0.00	30.81 0.68 0.00	31.44 0.38 0.00	32.19 0.69 0.00	34.37 0.82 0.00	48.30 2.03 0.00	50.68 2.28 0.00	51.65 2.27 0.00	51.23 2.86 0.00	45.11 2.32 0.00	41.89 2.31 0.00
WHITEPLN_13_KV_LOAD 356215	36.90 1.95 0.00	36.95 1.88 0.00	37.89 1.85 0.00	34.30 1.62 0.00	43.89 1.94 0.00	60.30 2.71 0.00	64.80 3.21 0.00	44.97 2.85 0.00	31.31 2.11 0.00	30.73 2.15 0.00	32.57 2.29 0.00	30.22 2.18 0.00	29.78 2.05 0.00	30.13 2.02 0.00	32.22 2.09 0.00	33.27 2.21 0.00	33.72 2.22 0.00	35.83 2.27 0.00	49.28 3.02 0.00	51.38 2.98 0.00	52.55 3.17 0.00	51.37 3.00 0.00	45.44 2.65 0.00	41.99 2.41 0.00
WM_FLOYD_69_KV_BK2 356380	36.64 1.69 0.00	36.85 1.78 0.00	37.87 1.83 0.00	34.26 1.58 0.00	43.37 1.43 0.00	46.79 1.50 12.31	69.24 2.04 -5.61	27.56 2.15 16.70	25.98 1.68 4.90	30.53 1.96 0.00	33.03 2.69 -0.05	30.57 2.53 0.00	33.83 2.37 -3.73	30.52 2.40 0.00	32.38 2.24 0.00	33.36 2.30 0.00	33.65 2.15 0.00	36.82 2.11 -1.16	48.74 2.48 0.00	47.81 1.94 2.53	51.53 2.16 0.00	50.85 2.48 0.00	44.68 1.89 0.01	41.51 1.93 0.00
WOODARD__115KV_TB2 355635	34.43 -0.53 0.00	34.56 -0.52 0.00	35.49 -0.55 0.00	32.17 -0.51 0.00	41.31 -0.63 0.00	56.85 -0.74 0.00	60.91 -0.68 0.00	41.52 -0.60 0.00	28.73 -0.47 0.00	28.13 -0.45 0.00	29.95 -0.34 0.00	27.72 -0.32 0.00	27.36 -0.37 0.00	27.69 -0.42 0.00	29.67 -0.46 0.00	30.60 -0.45 0.00	31.09 -0.41 0.00	33.12 -0.44 0.00	45.47 -0.64 0.15	47.68 -0.72 0.00	48.68 -0.70 0.00	47.64 -0.67 0.06	42.02 -0.66 0.11	38.96 -0.61 0.00
WOODMERE_69_KV_BK1 55827	37.05 2.10 0.00	37.23 2.16 0.00	38.22 2.18 0.00	34.57 1.89 0.00	43.95 2.01 0.00	60.01 2.42 0.00	64.59 3.00 0.00	44.88 2.76 0.00	31.28 2.08 0.00	30.93 2.36 0.00	33.23 2.84 -0.10	30.75 2.71 0.00	34.01 2.55 -3.73	30.66 2.54 0.00	32.70 2.56 0.00	33.71 2.65 0.00	34.05 2.55 0.00	35.98 2.42 0.00	49.41 3.15 0.00	51.47 3.07 0.00	52.69 3.31 0.00	51.57 3.20 0.00	45.53 2.74 0.00	42.25 2.67 0.00
YORK___WARBASSE 23770	36.95 2.00 0.00	37.04 1.97 0.00	37.96 1.92 0.00	34.36 1.69 0.00	43.91 1.97 0.00	60.20 2.60 0.00	64.55 2.96 0.00	45.07 2.95 0.00	31.45 2.24 -0.01	30.90 2.32 0.00	32.76 2.47 -0.01	30.46 2.41 -0.01	30.02 2.29 -0.01	30.38 2.26 -0.01	32.43 2.29 0.00	33.47 2.41 -0.01	33.96 2.46 0.00	36.00 2.45 0.00	49.35 3.09 0.00	51.39 2.99 0.00	52.59 3.21 0.00	51.42 3.05 0.00	45.69 2.90 0.00	42.18 2.60 0.00