

ALBANY__2 23572	32.10 0.78 0.00	31.92 0.96 0.00	30.56 0.92 0.00	31.01 0.93 0.00	30.35 0.86 0.00	33.20 1.03 0.00	41.92 0.82 0.00	49.90 0.83 0.00	44.97 0.66 0.00	37.94 0.63 0.00	36.88 0.58 0.00	36.62 0.61 0.00	36.08 0.60 0.00	36.84 0.58 0.00	36.75 0.69 0.00	38.04 0.71 0.00	41.51 0.85 0.00	47.86 0.80 0.00	51.69 0.91 0.00	62.20 0.74 0.00	62.95 0.87 0.00	43.65 0.81 0.00	40.59 0.76 0.00	35.67 0.60 0.00
ALBANY__3 23573	32.10 0.78 0.00	31.92 0.96 0.00	30.56 0.92 0.00	31.01 0.93 0.00	30.35 0.86 0.00	33.20 1.03 0.00	41.92 0.82 0.00	49.90 0.83 0.00	44.97 0.66 0.00	37.94 0.63 0.00	36.88 0.58 0.00	36.62 0.61 0.00	36.08 0.60 0.00	36.84 0.58 0.00	36.75 0.69 0.00	38.04 0.71 0.00	41.51 0.85 0.00	47.86 0.80 0.00	51.69 0.91 0.00	62.20 0.74 0.00	62.95 0.87 0.00	43.65 0.81 0.00	40.59 0.76 0.00	35.67 0.60 0.00
ALBANY__4 23574	32.10 0.78 0.00	31.92 0.96 0.00	30.56 0.92 0.00	31.01 0.93 0.00	30.35 0.86 0.00	33.20 1.03 0.00	41.92 0.82 0.00	49.90 0.83 0.00	44.97 0.66 0.00	37.94 0.63 0.00	36.88 0.58 0.00	36.62 0.61 0.00	36.08 0.60 0.00	36.84 0.58 0.00	36.75 0.69 0.00	38.04 0.71 0.00	41.51 0.85 0.00	47.86 0.80 0.00	51.69 0.91 0.00	62.20 0.74 0.00	62.95 0.87 0.00	43.65 0.81 0.00	40.59 0.76 0.00	35.67 0.60 0.00
ALBANY__LFGE 323615	32.32 1.00 0.00	32.14 1.18 0.00	30.77 1.13 0.00	31.19 1.11 0.00	30.52 1.03 0.00	33.17 1.00 0.00	42.24 1.15 0.00	50.29 1.23 0.00	45.24 0.93 0.00	38.19 0.89 0.00	37.14 0.84 0.00	36.87 0.86 0.00	36.36 0.89 0.00	37.10 0.83 0.00	37.01 0.94 0.00	38.34 1.01 0.00	41.83 1.18 0.00	48.23 1.18 0.00	51.84 1.07 0.00	62.69 1.23 0.00	63.39 1.31 0.00	44.00 1.16 0.00	40.95 1.11 0.00	35.95 0.88 0.00
ALCOA_PA_115KV_PL-6C 55860	30.91 -0.41 0.00	30.69 -0.28 0.00	29.40 -0.24 0.00	29.87 -0.21 0.00	29.32 -0.18 0.00	32.08 -0.10 0.00	41.13 0.04 0.00	49.21 0.15 0.00	44.44 0.13 0.00	37.45 0.15 0.00	36.38 0.07 0.00	36.01 0.00 0.00	35.51 0.04 0.00	36.30 0.04 0.00	36.03 -0.04 0.00	37.37 0.04 0.00	40.78 0.12 0.00	47.20 0.14 0.00	51.13 0.36 0.00	61.77 0.31 0.00	62.27 0.19 0.00	42.88 0.04 0.00	39.79 -0.04 0.00	35.00 -0.07 0.00
ALCOA_RYNLDS__DRP 24188	30.91 -0.41 0.00	30.69 -0.28 0.00	29.40 -0.24 0.00	29.87 -0.21 0.00	29.31 -0.18 0.00	32.05 -0.13 0.00	41.13 0.04 0.00	49.21 0.15 0.00	44.44 0.13 0.00	37.45 0.15 0.00	36.38 0.07 0.00	36.01 0.00 0.00	35.51 0.04 0.00	36.30 0.04 0.00	36.03 -0.04 0.00	37.37 0.04 0.00	40.78 0.12 0.00	47.20 0.14 0.00	51.03 0.25 0.00	61.77 0.31 0.00	62.39 0.31 0.00	42.88 0.04 0.00	39.79 -0.04 0.00	35.00 -0.07 0.00
ALCOA__DSASP 323711	30.91 -0.41 0.00	30.69 -0.28 0.00	29.40 -0.24 0.00	29.87 -0.21 0.00	29.31 -0.18 0.00	32.05 -0.13 0.00	41.13 0.04 0.00	49.21 0.15 0.00	44.44 0.13 0.00	37.45 0.15 0.00	36.38 0.07 0.00	36.01 0.00 0.00	35.51 0.04 0.00	36.30 0.04 0.00	36.03 -0.04 0.00	37.37 0.04 0.00	40.78 0.12 0.00	47.20 0.14 0.00	51.03 0.25 0.00	61.77 0.31 0.00	62.39 0.31 0.00	42.88 0.04 0.00	39.79 -0.04 0.00	35.00 -0.07 0.00
ALLEGHENY__COGEN 23514	31.45 0.13 0.00	30.84 -0.12 0.00	29.40 -0.24 0.00	29.80 -0.27 0.00	29.46 -0.03 0.00	32.18 0.00 0.00	40.97 -0.12 0.00	49.26 0.20 0.00	44.22 -0.09 0.00	36.37 -0.93 0.00	35.32 -0.98 0.00	34.82 -1.19 0.00	34.06 -1.42 0.00	34.92 -1.34 0.00	34.44 -1.62 0.01	35.59 -1.72 0.02	38.70 -1.91 0.05	45.34 -1.69 0.02	49.84 -0.91 0.02	60.78 -0.67 0.01	62.12 0.06 0.02	42.40 -0.43 0.01	39.42 -0.40 0.01	34.48 -0.60 0.00
ALTMONT_115KV_TB 2 55880	32.20 0.88 0.00	31.86 0.90 0.00	30.50 0.86 0.00	30.92 0.84 0.00	30.26 0.77 0.00	33.11 0.93 0.00	42.20 1.11 0.00	50.29 1.23 0.00	45.33 1.02 0.00	38.20 0.90 0.00	37.14 0.83 0.00	36.84 0.83 0.00	36.33 0.85 0.00	37.10 0.83 0.00	36.97 0.90 0.00	38.30 0.97 0.00	41.79 1.14 0.00	48.33 1.27 0.00	52.14 1.37 0.00	62.94 1.48 0.00	63.70 1.61 0.00	44.04 1.20 0.00	40.95 1.12 0.00	35.98 0.91 0.00
ALTONA_WT_PWR 323606	30.88 -0.44 0.00	30.66 -0.31 0.00	29.40 -0.24 0.00	29.90 -0.18 0.00	29.40 -0.09 0.00	32.21 0.03 0.00	41.34 0.25 0.00	49.55 0.49 0.00	44.80 0.49 0.00	37.78 0.48 0.00	36.70 0.40 0.00	36.33 0.32 0.00	35.79 0.32 0.00	36.55 0.29 0.00	36.32 0.25 0.00	37.59 0.26 0.00	41.02 0.37 0.00	47.53 0.47 0.00	51.43 0.66 0.00	62.14 0.68 0.00	62.64 0.56 0.00	43.06 0.22 0.00	39.91 0.08 0.00	35.04 -0.04 0.00
AMERICAN_REF_FUEL 24010	29.54 -1.78 0.00	28.86 -2.11 0.00	27.48 -2.16 0.00	27.76 -2.32 0.00	27.54 -1.95 0.00	29.28 -2.90 0.00	36.45 -4.64 0.00	44.06 -5.00 0.00	40.19 -4.12 0.00	33.01 -4.29 0.00	32.64 -3.67 0.00	32.41 -3.60 0.00	31.82 -3.65 0.00	32.64 -3.63 0.00	31.99 -4.08 0.01	32.79 -4.52 0.02	34.84 -5.77 0.04	40.35 -6.68 0.02	44.51 -6.25 0.02	54.02 -7.44 0.01	55.11 -6.95 0.02	37.78 -5.06 0.01	35.56 -4.26 0.01	31.35 -3.72 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	30.41 -0.91 0.00	29.73 -1.24 0.00	28.40 -1.24 0.00	28.69 -1.38 0.00	28.49 -1.00 0.00	30.73 -1.45 0.00	38.67 -2.42 0.00	46.56 -2.50 0.00	42.45 -1.86 0.00	34.88 -2.42 0.00	34.41 -1.89 0.00	34.10 -1.91 0.00	33.42 -2.06 0.00	34.12 -2.14 0.00	33.39 -2.67 0.01	34.32 -2.99 0.02	37.07 -3.54 0.04	42.84 -4.19 0.02	46.33 -4.42 0.02	56.36 -5.10 0.01	57.40 -4.66 0.02	39.49 -3.34 0.01	36.95 -2.87 0.01	32.55 -2.53 0.00
ARTHUR KILL_GT_1 23520	33.29 1.97 0.00	32.67 1.70 0.00	31.33 1.69 0.00	31.64 1.56 0.00	30.88 1.39 0.00	33.69 1.51 0.00	43.48 2.38 0.00	51.96 2.89 0.00	47.23 2.92 0.00	39.65 2.35 0.00	38.59 2.29 0.00	38.31 2.30 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.77 3.72 0.00	54.63 3.86 0.00	65.95 4.49 0.00	66.68 4.59 0.00	45.75 2.91 0.00	42.54 2.71 0.00	37.28 2.21 0.00
ARTHUR_KILL_2 23512	33.23 1.91 0.00	32.57 1.61 0.00	31.27 1.63 0.00	31.58 1.50 0.00	30.82 1.33 0.00	33.59 1.41 0.00	43.35 2.26 0.00	51.86 2.80 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.52 2.21 0.00	38.24 2.23 0.00	37.78 2.30 0.00	38.66 2.39 0.00	38.56 2.49 0.00	39.91 2.57 0.00	43.66 3.01 0.00	50.63 3.57 0.00	54.23 3.45 0.00	65.77 4.30 0.00	66.43 4.34 0.00	45.67 2.83 0.00	42.46 2.63 0.00	37.21 2.14 0.00
ARTHUR_KILL_3 23513	32.92 1.60 0.00	32.33 1.36 0.00	31.00 1.36 0.00	31.34 1.26 0.00	30.61 1.12 0.00	33.49 1.32 0.00	43.23 2.14 0.00	51.61 2.55 0.00	46.92 2.61 0.00	39.50 2.20 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.49 2.42 0.00	39.80 2.46 0.00	43.50 2.84 0.00	50.35 3.29 0.00	53.92 3.15 0.00	65.40 3.94 0.00	66.06 3.98 0.00	45.41 2.57 0.00	42.18 2.35 0.00	36.97 1.89 0.00

ARTHUR_KILL_COGEN 323718	33.30 1.97 0.00	32.64 1.67 0.00	31.33 1.69 0.00	31.64 1.56 0.00	30.88 1.39 0.00	33.66 1.48 0.00	43.48 2.38 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.65 2.35 0.00	38.59 2.29 0.00	38.31 2.31 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.77 3.72 0.00	54.38 3.61 0.00	65.95 4.48 0.00	66.61 4.53 0.00	45.75 2.91 0.00	42.54 2.71 0.00	37.28 2.21 0.00
ASHOKAN____ 23654	32.70 1.38 0.00	32.33 1.36 0.00	30.91 1.27 0.00	31.37 1.29 0.00	30.61 1.12 0.00	33.53 1.35 0.00	43.64 2.55 0.00	51.27 2.21 0.00	45.99 1.68 0.00	38.72 1.42 0.00	37.43 1.13 0.00	37.12 1.12 0.00	36.61 1.13 0.00	37.46 1.19 0.00	37.26 1.19 0.00	38.75 1.42 0.00	42.28 1.63 0.00	49.08 2.02 0.00	52.65 1.88 0.00	64.17 2.70 0.00	64.75 2.67 0.00	45.15 2.31 0.00	42.06 2.23 0.00	36.30 1.23 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.07 1.75 0.00	32.39 1.43 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.76 1.27 0.00	33.40 1.22 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.78 2.48 0.01	39.38 2.09 0.01	38.36 2.07 0.01	38.09 2.09 0.01	37.63 2.16 0.01	38.50 2.25 0.01	38.37 2.31 0.01	39.68 2.35 0.01	43.37 2.72 0.01	50.25 3.20 0.01	53.76 2.99 0.01	65.14 3.69 0.01	65.74 3.66 0.01	45.32 2.48 0.00	42.18 2.35 0.00	37.00 1.93 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.07 1.75 0.00	32.39 1.43 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.76 1.27 0.00	33.40 1.22 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.78 2.48 0.01	39.38 2.09 0.01	38.36 2.07 0.01	38.09 2.09 0.01	37.63 2.16 0.01	38.50 2.25 0.01	38.37 2.31 0.01	39.68 2.35 0.01	43.37 2.72 0.01	50.25 3.20 0.01	53.76 2.99 0.01	65.14 3.69 0.01	65.74 3.66 0.01	45.32 2.48 0.00	42.18 2.35 0.00	37.00 1.93 0.00
ASTORIA_GT2_1 24094	33.08 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.46 1.29 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.68 2.35 0.00	43.42 2.76 0.00	50.30 3.25 0.00	54.02 3.25 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00
ASTORIA_GT2_2 24095	33.08 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.46 1.29 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.68 2.35 0.00	43.42 2.76 0.00	50.30 3.25 0.00	54.02 3.25 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00
ASTORIA_GT2_3 24096	33.08 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.46 1.29 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.68 2.35 0.00	43.42 2.76 0.00	50.30 3.25 0.00	54.02 3.25 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00
ASTORIA_GT2_4 24097	33.08 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.46 1.29 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.68 2.35 0.00	43.42 2.76 0.00	50.30 3.25 0.00	54.02 3.25 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00
ASTORIA_GT3_1 24098	33.08 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.46 1.29 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.68 2.35 0.00	43.42 2.76 0.00	50.30 3.25 0.00	54.02 3.25 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00
ASTORIA_GT3_2 24099	33.08 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.46 1.29 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.68 2.35 0.00	43.42 2.76 0.00	50.30 3.25 0.00	54.02 3.25 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00
ASTORIA_GT3_3 24100	33.08 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.46 1.29 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.68 2.35 0.00	43.42 2.76 0.00	50.30 3.25 0.00	54.02 3.25 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00
ASTORIA_GT3_4 24101	33.08 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.46 1.29 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.68 2.35 0.00	43.42 2.76 0.00	50.30 3.25 0.00	54.02 3.25 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00
ASTORIA_GT4_1 24102	33.08 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.46 1.29 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.68 2.35 0.00	43.42 2.76 0.00	50.30 3.25 0.00	54.02 3.25 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00
ASTORIA_GT4_2 24103	33.08 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.46 1.29 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.68 2.35 0.00	43.42 2.76 0.00	50.30 3.25 0.00	54.02 3.25 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00
ASTORIA_GT4_3 24104	33.08 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.46 1.29 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.68 2.35 0.00	43.42 2.76 0.00	50.30 3.25 0.00	54.02 3.25 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00

ASTORIA_GT4_4 24105	33.08 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.46 1.29 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.68 2.35 0.00	43.42 2.76 0.00	50.30 3.25 0.00	54.02 3.25 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00
ASTORIA_GT_1 23523	33.14 1.82 0.00	32.48 1.52 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.82 1.33 0.00	33.49 1.32 0.00	43.23 2.14 0.00	51.71 2.65 0.00	46.97 2.66 0.00	39.46 2.16 0.00	38.45 2.14 0.00	38.17 2.16 0.00	37.71 2.23 0.00	38.58 2.32 0.00	38.49 2.42 0.00	39.76 2.43 0.00	43.46 2.81 0.00	50.40 3.34 0.00	54.12 3.35 0.00	65.34 3.87 0.00	65.99 3.91 0.00	45.41 2.57 0.00	42.26 2.43 0.00	37.07 2.00 0.00
ASTORIA_GT_10 24110	33.08 1.75 0.00	32.48 1.52 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.56 1.38 0.00	43.27 2.18 0.00	51.71 2.65 0.00	47.01 2.70 0.00	39.54 2.24 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.44 3.39 0.00	54.17 3.40 0.00	65.40 3.93 0.00	66.12 4.04 0.00	45.45 2.61 0.00	42.26 2.43 0.00	37.04 1.96 0.00
ASTORIA_GT_11 24225	33.08 1.75 0.00	32.48 1.52 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.56 1.38 0.00	43.27 2.18 0.00	51.71 2.65 0.00	47.01 2.70 0.00	39.54 2.24 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.44 3.39 0.00	54.17 3.40 0.00	65.40 3.93 0.00	66.12 4.04 0.00	45.45 2.61 0.00	42.26 2.43 0.00	37.04 1.96 0.00
ASTORIA_GT_12 24226	33.08 1.75 0.00	32.48 1.52 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.56 1.38 0.00	43.27 2.18 0.00	51.71 2.65 0.00	47.01 2.70 0.00	39.54 2.24 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.44 3.39 0.00	54.17 3.40 0.00	65.40 3.93 0.00	66.12 4.04 0.00	45.45 2.61 0.00	42.26 2.43 0.00	37.04 1.96 0.00
ASTORIA_GT_13 24227	33.08 1.75 0.00	32.48 1.52 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.56 1.38 0.00	43.27 2.18 0.00	51.71 2.65 0.00	47.01 2.70 0.00	39.54 2.24 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.44 3.39 0.00	54.17 3.40 0.00	65.40 3.93 0.00	66.12 4.04 0.00	45.45 2.61 0.00	42.26 2.43 0.00	37.04 1.96 0.00
ASTORIA_GT_5 24106	33.14 1.82 0.00	32.48 1.52 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.82 1.33 0.00	33.49 1.32 0.00	43.23 2.14 0.00	51.71 2.65 0.00	46.97 2.66 0.00	39.46 2.16 0.00	38.45 2.14 0.00	38.17 2.16 0.00	37.71 2.23 0.00	38.58 2.32 0.00	38.49 2.42 0.00	39.76 2.43 0.00	43.46 2.81 0.00	50.40 3.34 0.00	54.12 3.35 0.00	65.34 3.87 0.00	65.99 3.91 0.00	45.41 2.57 0.00	42.26 2.43 0.00	37.07 2.00 0.00
ASTORIA_GT_7 24107	33.14 1.82 0.00	32.48 1.52 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.82 1.33 0.00	33.49 1.32 0.00	43.23 2.14 0.00	51.71 2.65 0.00	46.97 2.66 0.00	39.46 2.16 0.00	38.45 2.14 0.00	38.17 2.16 0.00	37.71 2.23 0.00	38.58 2.32 0.00	38.49 2.42 0.00	39.76 2.43 0.00	43.46 2.81 0.00	50.40 3.34 0.00	54.12 3.35 0.00	65.34 3.87 0.00	65.99 3.91 0.00	45.41 2.57 0.00	42.26 2.43 0.00	37.07 2.00 0.00
ASTORIA_GT_8 24108	33.14 1.82 0.00	32.48 1.52 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.82 1.33 0.00	33.49 1.32 0.00	43.23 2.14 0.00	51.71 2.65 0.00	46.97 2.66 0.00	39.46 2.16 0.00	38.45 2.14 0.00	38.17 2.16 0.00	37.71 2.23 0.00	38.58 2.32 0.00	38.49 2.42 0.00	39.76 2.43 0.00	43.46 2.81 0.00	50.40 3.34 0.00	54.12 3.35 0.00	65.34 3.87 0.00	65.99 3.91 0.00	45.41 2.57 0.00	42.26 2.43 0.00	37.07 2.00 0.00
ASTORIA___2 24149	33.07 1.75 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.43 1.25 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.82 2.52 0.01	39.42 2.13 0.01	38.40 2.10 0.01	38.09 2.09 0.01	37.63 2.16 0.01	38.50 2.25 0.01	38.40 2.34 0.01	39.68 2.35 0.01	43.41 2.77 0.01	50.29 3.24 0.01	53.81 3.05 0.01	65.21 3.75 0.01	65.80 3.72 0.01	45.37 2.53 0.00	42.18 2.35 0.00	37.04 1.96 0.00
ASTORIA___3 23516	33.07 1.75 0.00	32.45 1.49 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.53 1.35 0.00	43.27 2.18 0.00	51.71 2.65 0.00	46.97 2.66 0.00	39.54 2.24 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.45 3.39 0.00	53.97 3.20 0.00	65.40 3.94 0.00	66.06 3.98 0.00	45.45 2.61 0.00	42.26 2.43 0.00	37.04 1.96 0.00
ASTORIA___4 23517	33.08 1.75 0.00	32.48 1.52 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.56 1.38 0.00	43.27 2.18 0.00	51.71 2.65 0.00	47.01 2.70 0.00	39.54 2.24 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.44 3.39 0.00	54.17 3.40 0.00	65.40 3.93 0.00	66.12 4.04 0.00	45.45 2.61 0.00	42.26 2.43 0.00	37.04 1.96 0.00
ASTORIA___5 23518	33.07 1.75 0.00	32.45 1.49 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.53 1.35 0.00	43.27 2.18 0.00	51.71 2.65 0.00	46.97 2.66 0.00	39.54 2.24 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.45 3.39 0.00	53.97 3.20 0.00	65.40 3.94 0.00	66.06 3.98 0.00	45.45 2.61 0.00	42.26 2.43 0.00	37.04 1.96 0.00
AST_ENERGY_2_CC3 323677	32.95 1.63 0.00	32.39 1.43 0.00	31.06 1.42 0.00	31.40 1.32 0.00	30.67 1.18 0.00	33.53 1.35 0.00	43.27 2.18 0.00	51.66 2.60 0.00	46.97 2.66 0.00	39.50 2.20 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.49 2.42 0.00	39.80 2.46 0.00	43.50 2.84 0.00	50.35 3.29 0.00	53.97 3.20 0.00	65.40 3.94 0.00	66.12 4.03 0.00	45.45 2.61 0.00	42.22 2.39 0.00	37.00 1.93 0.00
AST_ENERGY_2_CC4 323678	32.95 1.63 0.00	32.39 1.43 0.00	31.06 1.42 0.00	31.40 1.32 0.00	30.67 1.18 0.00	33.53 1.35 0.00	43.27 2.18 0.00	51.66 2.60 0.00	46.97 2.66 0.00	39.50 2.20 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.49 2.42 0.00	39.80 2.46 0.00	43.50 2.84 0.00	50.35 3.29 0.00	53.97 3.20 0.00	65.40 3.94 0.00	66.12 4.03 0.00	45.45 2.61 0.00	42.22 2.39 0.00	37.00 1.93 0.00

ATHENS_STG_1 23668	32.35 1.03 0.00	31.93 0.96 0.00	30.59 0.95 0.00	30.98 0.90 0.00	30.32 0.82 0.00	33.11 0.93 0.00	42.45 1.35 0.00	50.63 1.57 0.00	45.77 1.46 0.00	38.57 1.27 0.00	37.54 1.24 0.00	37.23 1.22 0.00	36.72 1.24 0.00	37.57 1.30 0.00	37.44 1.37 0.00	38.71 1.38 0.00	42.28 1.63 0.00	48.94 1.88 0.00	52.55 1.78 0.00	63.62 2.15 0.00	64.25 2.17 0.00	44.43 1.59 0.00	41.26 1.43 0.00	36.27 1.19 0.00
ATHENS_STG_2 23670	32.35 1.03 0.00	31.93 0.96 0.00	30.59 0.95 0.00	30.98 0.90 0.00	30.32 0.82 0.00	33.11 0.93 0.00	42.45 1.35 0.00	50.63 1.57 0.00	45.77 1.46 0.00	38.57 1.27 0.00	37.54 1.24 0.00	37.23 1.22 0.00	36.72 1.24 0.00	37.57 1.30 0.00	37.44 1.37 0.00	38.71 1.38 0.00	42.28 1.63 0.00	48.94 1.88 0.00	52.55 1.78 0.00	63.62 2.15 0.00	64.25 2.17 0.00	44.43 1.59 0.00	41.26 1.43 0.00	36.27 1.19 0.00
ATHENS_STG_3 23677	32.35 1.03 0.00	31.93 0.96 0.00	30.59 0.95 0.00	30.98 0.90 0.00	30.32 0.82 0.00	33.11 0.93 0.00	42.45 1.35 0.00	50.63 1.57 0.00	45.77 1.46 0.00	38.57 1.27 0.00	37.54 1.24 0.00	37.23 1.22 0.00	36.72 1.24 0.00	37.57 1.30 0.00	37.44 1.37 0.00	38.71 1.38 0.00	42.28 1.63 0.00	48.94 1.88 0.00	52.55 1.78 0.00	63.62 2.15 0.00	64.25 2.17 0.00	44.43 1.59 0.00	41.26 1.43 0.00	36.27 1.19 0.00
AUBURN___LFGE 323710	31.23 -0.09 0.00	30.81 -0.15 0.00	29.40 -0.24 0.00	29.84 -0.24 0.00	29.29 -0.21 0.00	31.89 -0.29 0.00	40.76 -0.33 0.00	48.77 -0.29 0.00	44.04 -0.27 0.00	36.97 -0.34 0.00	35.98 -0.33 0.00	35.65 -0.36 0.00	35.05 -0.43 0.00	35.86 -0.40 0.00	35.63 -0.43 0.00	36.88 -0.45 0.01	40.11 -0.53 0.01	46.49 -0.56 0.01	50.26 -0.51 0.01	60.97 -0.49 0.00	61.64 -0.43 0.01	42.49 -0.34 0.00	39.55 -0.28 0.00	34.79 -0.28 0.00
BABYLON_RES_REC 323704	47.23 2.26 -13.65	37.93 2.04 -4.92	31.56 1.93 0.00	31.91 1.83 0.00	31.26 1.77 0.00	38.21 2.03 -4.00	48.08 3.04 -3.95	52.01 2.94 0.00	47.23 2.92 0.00	39.84 2.54 0.00	40.43 2.76 -1.37	41.91 2.77 -3.13	39.54 2.80 -1.26	41.91 2.90 -2.74	45.79 2.96 -6.76	46.57 3.06 -6.18	48.44 3.54 -4.25	60.84 4.14 -9.64	73.90 4.01 -19.12	91.08 4.98 -24.64	82.83 5.03 -15.72	52.95 3.38 -6.73	47.86 3.19 -4.84	46.34 2.63 -8.64
BALL_HILL_WT_PWR 323825	30.10 -1.22 0.00	29.39 -1.58 0.00	28.01 -1.63 0.00	28.30 -1.77 0.00	28.11 -1.39 0.00	30.25 -1.93 0.00	37.97 -3.12 0.00	45.68 -3.38 0.00	41.65 -2.66 0.00	34.28 -3.02 0.00	33.80 -2.50 0.00	33.52 -2.48 0.00	32.92 -2.55 0.00	33.69 -2.57 0.00	33.03 -3.03 0.01	33.99 -3.32 0.02	36.83 -3.78 0.04	42.61 -4.43 0.02	46.08 -4.67 0.02	55.99 -5.47 0.01	57.03 -5.03 0.02	39.15 -3.68 0.01	36.63 -3.19 0.01	32.27 -2.81 0.00
BARON_WINDS___WT_PWR 323822	30.16 -1.16 0.00	29.51 -1.45 0.00	28.13 -1.51 0.00	28.51 -1.57 0.00	28.25 -1.24 0.00	30.57 -1.61 0.00	38.71 -2.38 0.00	46.46 -2.60 0.00	42.23 -2.08 0.00	34.88 -2.42 0.00	34.20 -2.11 0.00	33.81 -2.20 0.00	33.13 -2.34 0.00	33.94 -2.32 0.00	33.39 -2.67 0.01	34.46 -2.84 0.03	37.58 -3.01 0.07	43.63 -3.39 0.03	47.13 -3.60 0.03	57.33 -4.12 0.01	58.20 -3.85 0.03	39.91 -2.91 0.01	37.11 -2.71 0.01	32.62 -2.46 0.00
BARRETT_IC_1 23704	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BARRETT_IC_10 23701	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BARRETT_IC_11 23702	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BARRETT_IC_12 23703	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BARRETT_IC_2 23705	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BARRETT_IC_3 23706	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BARRETT_IC_4 23707	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BARRETT_IC_5 23708	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64

BARRETT_IC_6 23709	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BARRETT_IC_7 23710	47.01 2.04 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.11 1.93 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.28 2.97 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.81 -6.76	46.34 2.84 -6.17	47.78 3.09 -4.03	59.79 3.58 -9.15	72.58 3.66 -18.15	86.41 4.00 -20.95	81.17 4.16 -14.92	52.09 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BARRETT_IC_8 23711	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BARRETT_IC_9 23700	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BARRETT__1 23545	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BARRETT__2 23546	47.01 2.03 -13.65	37.81 1.92 -4.92	31.48 1.84 0.00	31.79 1.71 0.00	31.14 1.65 0.00	38.07 1.90 -4.00	47.71 2.67 -3.95	51.66 2.60 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.80 2.79 -2.74	45.64 2.82 -6.76	46.34 2.84 -6.17	47.77 3.09 -4.03	59.78 3.57 -9.15	72.38 3.45 -18.15	86.41 3.99 -20.95	81.04 4.03 -14.92	52.10 2.87 -6.38	47.50 2.83 -4.84	46.06 2.35 -8.64
BATAVIA__115KV_TB1 55881	30.48 -0.85 0.00	29.82 -1.15 0.00	28.42 -1.22 0.00	28.75 -1.32 0.00	28.46 -1.03 0.00	30.28 -1.90 0.00	38.63 -2.47 0.00	46.71 -2.35 0.00	42.05 -2.26 0.00	34.88 -2.42 0.00	34.27 -2.03 0.00	33.92 -2.09 0.00	33.45 -2.02 0.00	34.23 -2.03 0.00	33.65 -2.42 0.01	34.63 -2.69 0.02	37.01 -3.62 0.03	42.95 -4.09 0.02	46.39 -4.37 0.02	57.28 -4.18 0.01	57.47 -4.59 0.02	39.96 -2.87 0.01	37.47 -2.35 0.01	32.93 -2.14 0.00
BAYONEEC__CTG1 323682	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.43 1.35 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.45 3.39 0.00	54.02 3.25 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00
BAYONEEC__CTG10 323750	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.43 1.35 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.45 3.39 0.00	54.02 3.25 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00
BAYONEEC__CTG2 323683	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.43 1.35 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.45 3.39 0.00	54.02 3.25 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00
BAYONEEC__CTG3 323684	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.43 1.35 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.45 3.39 0.00	54.02 3.25 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00
BAYONEEC__CTG4 323685	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.43 1.35 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.45 3.39 0.00	54.02 3.25 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00
BAYONEEC__CTG5 323686	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.43 1.35 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.45 3.39 0.00	54.02 3.25 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00
BAYONEEC__CTG6 323687	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.43 1.35 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.45 3.39 0.00	54.02 3.25 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00
BAYONEEC__CTG7 323688	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.43 1.35 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.45 3.39 0.00	54.02 3.25 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00

BAYONEEC___CTG8 323689	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.43 1.35 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.45 3.39 0.00	54.02 3.25 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00
BAYONEEC___CTG9 323749	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.43 1.35 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.45 3.39 0.00	54.02 3.25 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00
BEACON___LESR 323632	32.51 1.19 0.00	32.27 1.30 0.00	30.88 1.24 0.00	31.34 1.26 0.00	30.67 1.18 0.00	33.40 1.22 0.00	42.57 1.48 0.00	50.68 1.62 0.00	45.55 1.24 0.00	38.42 1.12 0.00	37.32 1.02 0.00	37.01 1.01 0.00	36.51 1.03 0.00	37.24 0.98 0.00	37.19 1.12 0.00	38.53 1.19 0.00	42.08 1.42 0.00	48.47 1.41 0.00	52.09 1.32 0.00	63.06 1.60 0.00	63.69 1.61 0.00	44.25 1.41 0.00	41.14 1.31 0.00	36.12 1.05 0.00
BEAVER RIVER___HYD 24048	30.41 -0.91 0.00	30.25 -0.71 0.00	29.05 -0.59 0.00	29.72 -0.36 0.00	29.32 -0.18 0.00	32.11 -0.06 0.00	41.38 0.29 0.00	49.60 0.54 0.00	44.57 0.27 0.00	37.19 -0.11 0.00	36.12 -0.18 0.00	35.76 -0.25 0.00	35.26 -0.21 0.00	36.01 -0.25 0.00	35.85 -0.22 0.00	37.18 -0.15 0.00	40.45 -0.20 0.00	47.10 0.05 0.00	51.33 0.56 0.00	62.69 1.23 0.00	63.69 1.61 0.00	43.61 0.77 0.00	40.27 0.44 0.00	35.18 0.11 0.00
BEEBEE_GT_13 23619	30.76 -0.56 0.00	30.19 -0.77 0.00	28.81 -0.83 0.00	29.20 -0.87 0.00	28.75 -0.74 0.00	31.11 -1.06 0.00	39.74 -1.36 0.00	47.88 -1.18 0.00	43.20 -1.11 0.00	36.14 -1.16 0.00	35.40 -0.91 0.00	35.11 -0.90 0.00	34.59 -0.89 0.00	35.39 -0.87 0.00	34.95 -1.12 0.00	36.05 -1.27 0.01	38.60 -2.03 0.02	44.74 -2.31 0.01	48.22 -2.54 0.01	59.25 -2.21 0.00	59.46 -2.61 0.01	41.29 -1.54 0.00	38.55 -1.27 0.00	33.88 -1.19 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.36 2.04 0.00	32.70 1.73 0.00	31.39 1.75 0.00	31.70 1.62 0.00	30.94 1.45 0.00	33.78 1.61 0.00	43.56 2.47 0.00	52.10 3.04 0.00	47.41 3.10 0.00	39.80 2.50 0.00	38.77 2.47 0.00	38.49 2.48 0.00	38.03 2.55 0.00	38.91 2.65 0.00	38.81 2.74 0.00	40.13 2.80 0.00	43.91 3.25 0.00	50.91 3.86 0.00	54.73 3.96 0.00	66.08 4.61 0.00	66.86 4.78 0.00	45.88 3.04 0.00	42.62 2.79 0.00	37.35 2.28 0.00
BETHLEHEM___GRP 23843	32.10 0.78 0.00	31.92 0.96 0.00	30.56 0.92 0.00	31.01 0.93 0.00	30.35 0.86 0.00	33.20 1.03 0.00	41.92 0.82 0.00	49.90 0.83 0.00	44.97 0.66 0.00	37.94 0.63 0.00	36.88 0.58 0.00	36.62 0.61 0.00	36.08 0.60 0.00	36.84 0.58 0.00	36.75 0.69 0.00	38.04 0.71 0.00	41.51 0.85 0.00	47.86 0.80 0.00	51.69 0.91 0.00	62.20 0.74 0.00	62.95 0.87 0.00	43.65 0.81 0.00	40.59 0.76 0.00	35.67 0.60 0.00
BETHLEHEM___GS1 323560	32.10 0.78 0.00	31.93 0.96 0.00	30.56 0.92 0.00	31.01 0.93 0.00	30.35 0.86 0.00	32.95 0.77 0.00	41.92 0.82 0.00	49.90 0.83 0.00	44.93 0.62 0.00	37.93 0.63 0.00	36.88 0.58 0.00	36.58 0.57 0.00	36.08 0.60 0.00	36.84 0.58 0.00	36.75 0.68 0.00	38.04 0.71 0.00	41.51 0.86 0.00	47.85 0.80 0.00	51.38 0.61 0.00	62.21 0.74 0.00	62.83 0.75 0.00	43.65 0.81 0.00	40.59 0.75 0.00	35.67 0.60 0.00
BETHLEHEM___GS2 323561	32.10 0.78 0.00	31.93 0.96 0.00	30.56 0.92 0.00	31.01 0.93 0.00	30.35 0.86 0.00	32.95 0.77 0.00	41.92 0.82 0.00	49.90 0.83 0.00	44.93 0.62 0.00	37.93 0.63 0.00	36.88 0.58 0.00	36.58 0.57 0.00	36.08 0.60 0.00	36.84 0.58 0.00	36.75 0.68 0.00	38.04 0.71 0.00	41.51 0.86 0.00	47.85 0.80 0.00	51.38 0.61 0.00	62.21 0.74 0.00	62.83 0.75 0.00	43.65 0.81 0.00	40.59 0.75 0.00	35.67 0.60 0.00
BETHLEHEM___GS3 323562	32.10 0.78 0.00	31.93 0.96 0.00	30.56 0.92 0.00	31.01 0.93 0.00	30.35 0.86 0.00	32.95 0.77 0.00	41.92 0.82 0.00	49.90 0.83 0.00	44.93 0.62 0.00	37.93 0.63 0.00	36.88 0.58 0.00	36.58 0.57 0.00	36.08 0.60 0.00	36.84 0.58 0.00	36.75 0.68 0.00	38.04 0.71 0.00	41.51 0.86 0.00	47.85 0.80 0.00	51.38 0.61 0.00	62.21 0.74 0.00	62.83 0.75 0.00	43.65 0.81 0.00	40.59 0.75 0.00	35.67 0.60 0.00
BETHLEHEM___STEEL 23779	29.94 -1.38 0.00	29.23 -1.73 0.00	27.83 -1.81 0.00	28.12 -1.95 0.00	27.93 -1.56 0.00	29.54 -2.64 0.00	37.56 -3.53 0.00	45.28 -3.78 0.00	40.98 -3.32 0.00	33.98 -3.32 0.00	33.54 -2.76 0.00	33.16 -2.84 0.00	32.71 -2.77 0.00	33.43 -2.83 0.00	32.85 -3.21 0.01	33.88 -3.43 0.02	36.63 -3.98 0.04	42.42 -4.61 0.02	45.77 -4.98 0.02	55.62 -5.84 0.01	56.22 -5.84 0.02	38.85 -3.98 0.01	36.40 -3.43 0.01	32.09 -2.98 0.00
BETHLHEM_115KV_TB1 79974	32.10 0.78 0.00	31.92 0.96 0.00	30.56 0.92 0.00	30.98 0.90 0.00	30.32 0.83 0.00	33.17 1.00 0.00	41.96 0.86 0.00	49.99 0.93 0.00	45.06 0.75 0.00	38.01 0.71 0.00	36.92 0.62 0.00	36.66 0.65 0.00	36.15 0.67 0.00	36.92 0.65 0.00	36.79 0.72 0.00	38.12 0.78 0.00	41.59 0.94 0.00	47.95 0.89 0.00	51.74 0.96 0.00	62.33 0.86 0.00	63.08 0.99 0.00	43.74 0.90 0.00	40.67 0.84 0.00	35.74 0.67 0.00
BETHPAGE_CC_5 323564	47.23 2.26 -13.65	37.96 2.07 -4.92	31.59 1.96 0.00	31.94 1.87 0.00	31.26 1.77 0.00	38.21 2.03 -4.00	48.08 3.04 -3.95	52.05 2.99 0.00	47.32 3.01 0.00	39.91 2.61 0.00	40.54 2.87 -1.37	42.02 2.88 -3.13	39.65 2.91 -1.26	42.02 3.01 -2.74	45.89 3.06 -6.76	46.65 3.14 -6.18	48.67 3.54 -4.48	61.32 4.09 -10.17	74.90 3.96 -20.17	92.28 4.85 -25.96	83.57 4.90 -16.58	53.23 3.30 -7.09	47.81 3.15 -4.84	46.34 2.63 -8.64
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.94 -1.38 0.00	29.20 -1.76 0.00	27.83 -1.81 0.00	28.12 -1.95 0.00	27.90 -1.59 0.00	29.57 -2.61 0.00	37.60 -3.49 0.00	45.33 -3.73 0.00	41.03 -3.28 0.00	34.02 -3.28 0.00	33.58 -2.72 0.00	33.20 -2.81 0.00	32.71 -2.77 0.00	33.47 -2.79 0.00	32.89 -3.17 0.01	33.99 -3.32 0.02	36.88 -3.74 0.04	42.75 -4.28 0.02	46.08 -4.67 0.02	55.68 -5.78 0.01	56.41 -5.65 0.02	38.85 -3.98 0.01	36.36 -3.47 0.01	32.06 -3.02 0.00
BINGHAMTON___COGEN 23790	31.51 0.19 0.00	31.09 0.12 0.00	29.67 0.03 0.00	30.11 0.03 0.00	29.55 0.06 0.00	32.14 -0.03 0.00	41.13 0.04 0.00	49.16 0.10 0.00	44.44 0.13 0.00	37.30 0.00 0.00	36.38 0.07 0.00	36.08 0.07 0.00	35.51 0.04 0.00	36.30 0.04 0.00	36.08 0.00 -0.01	37.39 0.04 -0.02	40.74 0.04 -0.04	47.17 0.09 -0.02	50.94 0.15 -0.02	61.53 0.06 -0.01	62.29 0.19 -0.02	42.89 0.04 -0.01	39.88 0.04 -0.01	35.07 0.00 0.00

BIXINCNT_115KV_LOAD 355685	29.88 -1.44 0.00	29.14 -1.83 0.00	27.77 -1.87 0.00	28.06 -2.02 0.00	27.87 -1.62 0.00	29.70 -2.48 0.00	37.93 -3.16 0.00	45.68 -3.39 0.00	41.38 -2.92 0.00	34.28 -3.02 0.00	33.83 -2.47 0.00	33.45 -2.56 0.00	32.92 -2.55 0.00	33.69 -2.57 0.00	33.07 -2.99 0.01	34.36 -2.95 0.02	37.72 -2.89 0.04	43.79 -3.25 0.02	47.19 -3.55 0.02	55.86 -5.59 0.01	56.78 -5.28 0.02	38.59 -4.24 0.01	35.84 -3.98 0.01	31.64 -3.44 0.00
BLACK RIVER___HYD 24047	30.91 -0.41 0.00	30.75 -0.22 0.00	29.52 -0.12 0.00	30.17 0.09 0.00	29.79 0.29 0.00	32.63 0.45 0.00	42.08 0.98 0.00	50.39 1.33 0.00	45.15 0.84 0.00	37.53 0.23 0.00	36.52 0.22 0.00	36.15 0.14 0.00	35.62 0.14 0.00	36.34 0.07 0.00	36.21 0.14 0.00	37.52 0.19 0.00	40.74 0.08 0.00	47.57 0.52 0.00	51.99 1.22 0.00	63.80 2.34 0.00	65.06 2.98 0.00	44.43 1.59 0.00	40.91 1.08 0.00	35.63 0.56 0.00
BLACKRVR_115KV_TB2 79977	30.91 -0.41 0.00	30.75 -0.22 0.00	29.52 -0.12 0.00	30.17 0.09 0.00	29.79 0.29 0.00	32.59 0.42 0.00	42.08 0.99 0.00	50.39 1.32 0.00	45.15 0.84 0.00	37.53 0.22 0.00	36.52 0.22 0.00	36.15 0.14 0.00	35.62 0.14 0.00	36.34 0.07 0.00	36.21 0.14 0.00	37.52 0.19 0.00	40.74 0.08 0.00	47.57 0.52 0.00	51.89 1.12 0.00	63.80 2.34 0.00	65.06 2.98 0.00	44.42 1.59 0.00	40.91 1.08 0.00	35.63 0.56 0.00
BLDWN_LI_69_KV_BK4 356085	47.26 2.29 -13.65	37.99 2.11 -4.92	31.63 1.99 0.00	31.94 1.86 0.00	31.29 1.80 0.00	38.27 2.09 -4.00	48.04 3.00 -3.95	52.10 3.04 0.00	47.59 3.28 0.00	39.95 2.65 0.00	40.54 2.87 -1.37	42.02 2.88 -3.13	39.65 2.91 -1.26	42.02 3.01 -2.74	45.89 3.07 -6.76	46.66 3.14 -6.19	49.14 3.54 -4.95	62.44 4.14 -11.24	77.33 4.26 -22.30	94.59 4.92 -28.21	85.51 5.09 -18.33	54.07 3.38 -7.84	47.85 3.19 -4.84	46.34 2.63 -8.64
BLISS_WT_PWR 323608	29.82 -1.50 0.00	29.07 -1.89 0.00	27.74 -1.90 0.00	28.03 -2.05 0.00	27.84 -1.65 0.00	30.05 -2.12 0.00	37.89 -3.21 0.00	45.68 -3.38 0.00	41.65 -2.66 0.00	34.28 -3.02 0.00	33.87 -2.43 0.00	33.56 -2.45 0.00	32.92 -2.55 0.00	33.76 -2.50 0.00	33.07 -2.99 0.01	34.25 -3.06 0.02	37.76 -2.85 0.04	43.83 -3.20 0.02	46.28 -4.47 0.02	55.80 -5.65 0.01	56.16 -5.90 0.02	38.42 -4.41 0.01	35.64 -4.18 0.01	31.49 -3.58 0.00
BLUESTONE___WT_PWR 323821	32.20 0.88 0.00	31.83 0.87 0.00	30.47 0.83 0.00	30.92 0.84 0.00	30.35 0.86 0.00	33.17 1.00 0.00	42.61 1.52 0.00	50.88 1.82 0.00	46.03 1.73 0.00	38.61 1.30 0.00	37.57 1.27 0.00	37.23 1.22 0.00	36.64 1.17 0.00	37.39 1.13 0.00	37.15 1.08 0.00	38.38 1.04 -0.01	41.81 1.14 -0.02	48.43 1.37 -0.01	52.15 1.37 -0.01	63.31 1.84 0.00	64.08 1.99 -0.01	44.09 1.24 0.00	40.99 1.16 0.00	35.98 0.91 0.00
BLUE_CIRC_CHEM_DRP 24182	32.35 1.03 0.00	32.05 1.08 0.00	30.68 1.04 0.00	31.13 1.05 0.00	30.46 0.97 0.00	33.30 1.13 0.00	42.37 1.27 0.00	50.39 1.32 0.00	45.33 1.02 0.00	38.20 0.90 0.00	37.10 0.80 0.00	36.84 0.83 0.00	36.29 0.82 0.00	37.06 0.80 0.00	36.97 0.90 0.00	38.30 0.97 0.00	41.83 1.18 0.00	48.33 1.27 0.00	52.19 1.42 0.00	62.94 1.48 0.00	63.76 1.68 0.00	44.12 1.29 0.00	41.07 1.23 0.00	36.09 1.02 0.00
BOC_GAS_DRP 24189	32.14 0.81 0.00	31.80 0.84 0.00	30.44 0.80 0.00	30.86 0.78 0.00	30.20 0.71 0.00	33.01 0.84 0.00	42.08 0.99 0.00	50.14 1.08 0.00	45.24 0.93 0.00	38.16 0.86 0.00	37.10 0.80 0.00	36.84 0.83 0.00	36.29 0.82 0.00	37.10 0.83 0.00	36.97 0.90 0.00	38.27 0.93 0.00	41.75 1.10 0.00	48.23 1.18 0.00	52.04 1.27 0.00	62.76 1.29 0.00	63.45 1.37 0.00	43.91 1.07 0.00	40.83 1.00 0.00	35.88 0.81 0.00
BOONVILLE_115KV_TB1 79983	31.29 -0.03 0.00	31.03 0.06 0.00	29.76 0.12 0.00	30.35 0.27 0.00	29.87 0.38 0.00	32.69 0.51 0.00	42.00 0.90 0.00	50.29 1.23 0.00	45.28 0.97 0.00	37.94 0.63 0.00	36.88 0.58 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.77 0.51 0.00	36.61 0.54 0.00	37.89 0.56 0.00	41.26 0.61 0.00	47.95 0.89 0.00	51.94 1.17 0.00	63.31 1.84 0.00	64.19 2.11 0.00	44.04 1.20 0.00	40.75 0.92 0.00	35.67 0.60 0.00
BORALEX_4TH_BRANCH 23824	33.11 1.79 0.00	32.67 1.70 0.00	31.27 1.63 0.00	31.73 1.65 0.00	31.05 1.56 0.00	33.94 1.77 0.00	43.44 2.34 0.00	51.76 2.70 0.00	46.39 2.08 0.00	39.28 1.98 0.00	38.08 1.78 0.00	37.81 1.80 0.00	37.21 1.74 0.00	38.04 1.78 0.00	37.94 1.88 0.00	39.31 1.98 0.00	42.97 2.32 0.00	49.74 2.68 0.00	53.72 2.94 0.00	64.78 3.32 0.00	65.56 3.48 0.00	45.32 2.48 0.00	42.14 2.31 0.00	37.00 1.93 0.00
BOWLINE___1 23526	32.73 1.41 0.00	32.20 1.24 0.00	30.85 1.22 0.00	31.22 1.14 0.00	30.49 1.00 0.00	33.40 1.22 0.00	43.03 1.93 0.00	51.27 2.21 0.00	46.52 2.21 0.00	39.20 1.90 0.00	38.19 1.89 0.00	37.88 1.87 0.00	37.43 1.95 0.00	38.26 1.99 0.00	38.16 2.09 0.00	39.46 2.13 0.00	43.09 2.44 0.00	49.88 2.82 0.00	53.51 2.74 0.00	64.97 3.50 0.00	65.56 3.47 0.00	45.15 2.31 0.00	41.90 2.07 0.00	36.76 1.68 0.00
BOWLINE___2 23595	32.73 1.41 0.00	32.20 1.24 0.00	30.85 1.22 0.00	31.22 1.14 0.00	30.49 1.00 0.00	33.40 1.22 0.00	43.03 1.93 0.00	51.27 2.21 0.00	46.52 2.21 0.00	39.20 1.90 0.00	38.19 1.89 0.00	37.88 1.87 0.00	37.43 1.95 0.00	38.26 1.99 0.00	38.16 2.09 0.00	39.46 2.13 0.00	43.09 2.44 0.00	49.88 2.82 0.00	53.51 2.74 0.00	64.97 3.50 0.00	65.56 3.47 0.00	45.15 2.31 0.00	41.90 2.07 0.00	36.76 1.68 0.00
BRADY___115KV_TB2 356060	30.85 -0.47 0.00	30.66 -0.31 0.00	29.37 -0.27 0.00	29.87 -0.21 0.00	29.34 -0.15 0.00	32.11 -0.06 0.00	41.26 0.16 0.00	49.31 0.25 0.00	44.35 0.04 0.00	37.26 -0.04 0.00	36.16 -0.15 0.00	35.76 -0.25 0.00	35.26 -0.21 0.00	36.01 -0.25 0.00	35.82 -0.25 0.00	37.15 -0.19 0.00	40.65 0.00 0.00	47.15 0.09 0.00	51.08 0.30 0.00	62.02 0.55 0.00	62.70 0.62 0.00	43.01 0.17 0.00	39.87 0.04 0.00	35.04 -0.04 0.00
BRANSCOMB___SOLAR 323811	32.82 1.50 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.62 1.45 0.00	43.03 1.93 0.00	51.07 2.01 0.00	45.68 1.38 0.00	38.46 1.16 0.00	37.32 1.02 0.00	37.01 1.01 0.00	36.47 0.99 0.00	37.20 0.94 0.00	37.19 1.12 0.00	38.56 1.23 0.00	42.16 1.51 0.00	48.99 1.93 0.00	52.85 2.08 0.00	64.05 2.58 0.00	64.81 2.73 0.00	44.90 2.06 0.00	41.74 1.91 0.00	36.61 1.54 0.00
BRDGHMPT_69_KV_BK1 55812	47.26 2.29 -13.65	37.99 2.11 -4.92	31.63 1.99 0.00	31.88 1.80 0.00	31.20 1.71 0.00	38.11 1.93 -4.00	47.96 2.92 -3.95	52.15 3.09 0.00	47.59 3.28 0.00	39.73 2.42 0.00	40.29 2.61 -1.37	41.84 2.70 -3.13	39.54 2.80 -1.26	41.94 2.94 -2.74	45.86 3.03 -6.76	46.64 3.14 -6.17	48.45 3.98 -3.82	60.61 4.89 -8.66	72.67 4.72 -17.18	89.27 5.59 -22.21	81.80 5.59 -14.13	52.65 3.77 -6.04	48.21 3.54 -4.84	46.55 2.84 -8.64

BRENTWOD_69_KV_W. BRTWOOD 56703	47.39 2.41 -13.65	38.09 2.20 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.38 1.89 0.00	38.37 2.19 -4.00	48.24 3.21 -3.95	52.10 3.04 0.00	47.67 3.37 0.00	39.91 2.61 0.00	40.54 2.87 -1.37	42.02 2.88 -3.13	39.61 2.87 -1.26	42.02 3.01 -2.74	45.89 3.07 -6.76	46.68 3.17 -6.17	48.29 3.74 -3.90	60.28 4.38 -8.85	72.74 4.42 -17.55	89.37 5.22 -22.68	81.91 5.40 -14.43	52.61 3.60 -6.17	48.01 3.35 -4.84	46.52 2.81 -8.64
BRISTLHL_115KV_TB1 79998	30.66 -0.66 0.00	30.28 -0.68 0.00	28.93 -0.71 0.00	29.38 -0.69 0.00	28.81 -0.68 0.00	31.34 -0.84 0.00	39.94 -1.15 0.00	47.74 -1.32 0.00	43.11 -1.20 0.00	36.26 -1.04 0.00	35.32 -0.98 0.00	35.04 -0.97 0.00	34.48 -0.99 0.00	35.25 -1.02 0.00	35.02 -1.05 0.00	36.25 -1.08 0.00	39.39 -1.26 0.00	45.60 -1.46 0.00	49.25 -1.52 0.00	59.74 -1.72 0.00	60.34 -1.74 0.00	41.64 -1.20 0.00	38.76 -1.08 0.00	34.20 -0.88 0.00
BROOKHAVEN__DRP 24191	47.26 2.29 -13.65	37.99 2.11 -4.92	31.63 1.99 0.00	31.94 1.86 0.00	31.29 1.80 0.00	38.24 2.06 -4.00	48.04 3.00 -3.95	52.01 2.94 0.00	47.50 3.19 0.00	39.61 2.31 0.00	40.14 2.47 -1.37	41.58 2.45 -3.13	39.22 2.48 -1.26	41.62 2.61 -2.74	45.50 2.67 -6.76	46.30 2.80 -6.17	48.05 3.58 -3.81	60.05 4.33 -8.66	72.06 4.11 -17.17	88.46 4.79 -22.20	81.17 4.97 -14.12	52.31 3.43 -6.04	48.01 3.35 -4.84	46.45 2.74 -8.64
BROOKLYN_NAVY_YARD 23515	32.86 1.53 0.00	32.30 1.33 0.00	30.94 1.30 0.00	31.31 1.23 0.00	30.54 1.06 0.01	33.43 1.25 0.00	43.19 2.09 0.00	51.56 2.50 0.00	46.92 2.61 0.00	39.46 2.16 0.00	38.44 2.14 0.00	38.17 2.16 0.00	37.71 2.24 0.00	38.59 2.32 0.00	38.49 2.42 0.00	39.76 2.43 0.00	43.50 2.84 0.00	50.30 3.24 0.00	53.92 3.15 0.00	65.34 3.87 0.00	66.00 3.91 0.00	45.37 2.53 0.00	42.14 2.31 0.00	36.93 1.86 0.00
BROOKLYN__ARMY_DRP 323595	33.26 1.94 0.00	32.61 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.69 1.51 0.00	43.44 2.34 0.00	51.96 2.89 0.00	47.23 2.92 0.00	39.69 2.39 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	40.02 2.69 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.53 3.76 0.00	65.83 4.36 0.00	66.55 4.47 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.17 0.00
BROOME_2_LFGE 323671	31.51 0.19 0.00	31.09 0.12 0.00	29.67 0.03 0.00	30.11 0.03 0.00	29.55 0.06 0.00	32.21 0.03 0.00	41.13 0.04 0.00	49.16 0.10 0.00	44.48 0.18 0.00	37.30 0.00 0.00	36.38 0.07 0.00	36.08 0.07 0.00	35.51 0.04 0.00	36.34 0.07 0.00	36.08 0.00 -0.01	37.35 0.00 -0.02	40.74 0.04 -0.04	47.17 0.09 -0.02	50.79 0.00 -0.02	61.53 0.06 -0.01	62.29 0.19 -0.02	42.93 0.09 -0.01	39.88 0.04 -0.01	35.07 0.00 0.00
BROOME__LFGE 323600	31.51 0.19 0.00	31.09 0.12 0.00	29.67 0.03 0.00	30.11 0.03 0.00	29.55 0.06 0.00	32.21 0.03 0.00	41.13 0.04 0.00	49.16 0.10 0.00	44.48 0.18 0.00	37.30 0.00 0.00	36.38 0.07 0.00	36.08 0.07 0.00	35.51 0.04 0.00	36.34 0.07 0.00	36.08 0.00 -0.01	37.35 0.00 -0.02	40.74 0.04 -0.04	47.17 0.09 -0.02	50.79 0.00 -0.02	61.53 0.06 -0.01	62.29 0.19 -0.02	42.93 0.09 -0.01	39.88 0.04 -0.01	35.07 0.00 0.00
BROWNFLS_115KV_TB_3_5 80003	30.01 -1.32 0.00	29.85 -1.11 0.00	28.66 -0.98 0.00	29.23 -0.84 0.00	28.78 -0.71 0.00	31.53 -0.64 0.00	40.60 -0.49 0.00	48.67 -0.39 0.00	43.78 -0.53 0.00	36.67 -0.63 0.00	35.58 -0.73 0.00	35.22 -0.79 0.00	34.77 -0.71 0.00	35.50 -0.76 0.00	35.31 -0.76 0.00	36.59 -0.75 0.00	39.84 -0.81 0.00	46.35 -0.71 0.00	50.26 -0.51 0.00	61.28 -0.18 0.00	62.14 0.06 0.00	42.58 -0.26 0.00	39.39 -0.44 0.00	34.51 -0.56 0.00
BROWNSV1_27_KV_LOAD 356125	33.20 1.88 0.00	32.64 1.67 0.00	31.24 1.60 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.78 1.61 0.00	43.56 2.47 0.00	52.10 3.04 0.00	47.45 3.15 0.00	39.84 2.54 0.00	38.81 2.50 0.00	38.53 2.52 0.00	38.07 2.59 0.00	38.95 2.68 0.00	38.81 2.74 0.00	40.13 2.80 0.00	43.87 3.21 0.00	50.82 3.76 0.00	54.63 3.86 0.00	66.01 4.55 0.00	66.80 4.72 0.00	45.80 2.96 0.00	42.54 2.71 0.00	37.28 2.21 0.00
BURROWS__LYONSDAL 23803	31.01 -0.31 0.00	30.81 -0.15 0.00	29.55 -0.09 0.00	30.17 0.09 0.00	29.73 0.24 0.00	32.53 0.35 0.00	41.83 0.74 0.00	50.14 1.08 0.00	45.15 0.84 0.00	37.75 0.45 0.00	36.70 0.40 0.00	36.37 0.36 0.00	35.83 0.35 0.00	36.59 0.33 0.00	36.43 0.36 0.00	37.74 0.41 0.00	41.06 0.41 0.00	47.76 0.71 0.00	51.79 1.02 0.00	63.19 1.72 0.00	64.07 1.99 0.00	43.95 1.11 0.00	40.63 0.80 0.00	35.56 0.49 0.00
CAITHNESS_CC_1 323624	47.20 2.22 -13.65	37.93 2.04 -4.92	31.59 1.96 0.00	31.88 1.80 0.00	31.26 1.77 0.00	38.14 1.96 -4.00	48.00 2.96 -3.95	51.91 2.84 0.00	46.92 2.61 0.00	39.61 2.31 0.00	40.14 2.47 -1.37	41.59 2.45 -3.13	39.22 2.48 -1.26	41.62 2.61 -2.74	45.53 2.71 -6.76	46.30 2.80 -6.17	47.96 3.50 -3.81	59.95 4.24 -8.66	71.80 3.86 -17.17	88.39 4.73 -22.19	80.98 4.78 -14.12	52.22 3.34 -6.04	47.94 3.27 -4.84	46.37 2.66 -8.64
CALPINE BETH_PAGE_GT4 24209	47.20 2.22 -13.65	37.99 2.11 -4.92	31.60 1.96 0.00	31.94 1.86 0.00	31.29 1.80 0.00	38.27 2.09 -4.00	48.08 3.04 -3.95	52.10 3.04 0.00	47.63 3.32 0.00	39.95 2.65 0.00	40.54 2.87 -1.37	42.02 2.88 -3.13	39.65 2.91 -1.26	42.02 3.01 -2.74	45.93 3.10 -6.76	46.69 3.17 -6.19	48.88 3.50 -4.73	61.85 4.05 -10.75	76.09 4.01 -21.31	93.54 4.67 -27.41	84.45 4.84 -17.52	53.55 3.21 -7.50	47.78 3.11 -4.84	46.31 2.60 -8.64
CALPINE_BETH_PAGE_GT_4 323586	47.20 2.22 -13.65	37.96 2.07 -4.92	31.59 1.96 0.00	31.94 1.87 0.00	31.29 1.80 0.00	38.24 2.06 -4.00	48.08 3.04 -3.95	52.10 3.04 0.00	47.36 3.05 0.00	39.95 2.65 0.00	40.54 2.87 -1.37	42.02 2.88 -3.13	39.65 2.91 -1.26	42.05 3.05 -2.74	45.93 3.10 -6.76	46.69 3.17 -6.19	48.88 3.50 -4.73	61.85 4.05 -10.75	75.89 3.81 -21.31	93.54 4.67 -27.41	84.32 4.72 -17.52	53.51 3.17 -7.50	47.78 3.11 -4.84	46.31 2.60 -8.64
CALPINE_BP_GT1 23823	47.20 2.22 -13.65	37.96 2.07 -4.92	31.59 1.96 0.00	31.94 1.87 0.00	31.29 1.80 0.00	38.24 2.06 -4.00	48.08 3.04 -3.95	52.10 3.04 0.00	47.36 3.05 0.00	39.95 2.65 0.00	40.54 2.87 -1.37	42.02 2.88 -3.13	39.65 2.91 -1.26	42.05 3.05 -2.74	45.93 3.10 -6.76	46.69 3.17 -6.19	48.88 3.50 -4.73	61.85 4.05 -10.75	75.89 3.81 -21.31	93.54 4.67 -27.41	84.32 4.72 -17.52	53.51 3.17 -7.50	47.78 3.11 -4.84	46.31 2.60 -8.64
CALSPAN__DRP 24200	29.94 -1.38 0.00	29.23 -1.73 0.00	27.83 -1.81 0.00	28.12 -1.95 0.00	27.93 -1.56 0.00	29.54 -2.64 0.00	37.56 -3.53 0.00	45.28 -3.78 0.00	40.98 -3.32 0.00	33.98 -3.32 0.00	33.54 -2.76 0.00	33.16 -2.84 0.00	32.71 -2.77 0.00	33.43 -2.83 0.00	32.85 -3.21 0.01	33.88 -3.43 0.02	36.63 -3.98 0.04	42.42 -4.61 0.02	45.77 -4.98 0.02	55.62 -5.84 0.01	56.22 -5.84 0.02	38.85 -3.98 0.01	36.40 -3.43 0.01	32.09 -2.98 0.00

CALVERTON__SOLAR 323806	47.33 2.35 -13.65	38.02 2.13 -4.92	31.68 2.04 0.00	31.97 1.90 0.00	31.32 1.83 0.00	38.24 2.06 -4.00	48.12 3.08 -3.95	52.05 2.99 0.00	46.97 2.66 0.00	39.65 2.35 0.00	40.14 2.47 -1.37	41.59 2.45 -3.13	39.22 2.48 -1.26	41.62 2.61 -2.74	45.53 2.71 -6.76	46.30 2.80 -6.17	48.09 3.62 -3.81	60.19 4.47 -8.66	71.96 4.01 -17.17	88.59 4.92 -22.20	81.17 4.97 -14.12	52.40 3.51 -6.04	48.09 3.43 -4.84	46.52 2.81 -8.64
CANDIGU_WT_PWR 323617	30.16 -1.16 0.00	29.51 -1.45 0.00	28.13 -1.51 0.00	28.51 -1.57 0.00	28.25 -1.24 0.00	30.57 -1.61 0.00	38.71 -2.38 0.00	46.46 -2.60 0.00	42.23 -2.08 0.00	34.88 -2.42 0.00	34.20 -2.11 0.00	33.81 -2.20 0.00	33.13 -2.34 0.00	33.94 -2.32 0.00	33.39 -2.67 0.01	34.46 -2.84 0.03	37.58 -3.01 0.07	43.63 -3.39 0.03	47.13 -3.60 0.03	57.33 -4.12 0.01	58.20 -3.85 0.03	39.91 -2.91 0.01	37.11 -2.71 0.01	32.62 -2.46 0.00
CARR STREET_E_SYR 24060	31.01 -0.31 0.00	30.62 -0.34 0.00	29.25 -0.39 0.00	29.68 -0.39 0.00	29.14 -0.35 0.00	31.72 -0.45 0.00	40.43 -0.66 0.00	48.33 -0.73 0.00	43.69 -0.62 0.00	36.74 -0.56 0.00	35.80 -0.51 0.00	35.54 -0.47 0.00	34.94 -0.53 0.00	35.75 -0.51 0.00	35.53 -0.54 0.00	36.77 -0.56 0.00	39.92 -0.73 0.00	46.21 -0.85 0.00	49.91 -0.86 0.00	60.48 -0.99 0.00	61.15 -0.93 0.00	42.11 -0.73 0.00	39.19 -0.64 0.00	34.58 -0.49 0.00
CARTHAGE__PAPER 23857	30.60 -0.72 0.00	30.44 -0.53 0.00	29.22 -0.41 0.00	29.87 -0.21 0.00	29.49 0.00 0.00	32.34 0.16 0.00	41.71 0.62 0.00	49.95 0.88 0.00	44.80 0.49 0.00	37.30 0.00 0.00	36.27 -0.04 0.00	35.90 -0.11 0.00	35.33 -0.14 0.00	36.08 -0.18 0.00	35.96 -0.11 0.00	37.26 -0.07 0.00	40.53 -0.12 0.00	47.34 0.28 0.00	51.63 0.86 0.00	63.25 1.78 0.00	64.31 2.23 0.00	44.00 1.16 0.00	40.55 0.72 0.00	35.39 0.31 0.00
CASSADAGA_WT_PWR 323784	30.51 -0.81 0.00	29.85 -1.11 0.00	28.48 -1.16 0.00	28.75 -1.32 0.00	28.58 -0.91 0.00	30.83 -1.35 0.00	38.87 -2.22 0.00	46.76 -2.31 0.00	42.67 -1.64 0.00	35.06 -2.24 0.00	34.60 -1.71 0.00	34.28 -1.73 0.00	33.59 -1.88 0.00	34.20 -2.07 0.00	33.46 -2.60 0.01	34.51 -2.80 0.02	37.48 -3.13 0.04	43.22 -3.81 0.02	46.38 -4.37 0.02	56.42 -5.04 0.01	57.40 -4.66 0.02	39.49 -3.34 0.01	36.92 -2.91 0.01	32.51 -2.56 0.00
CE_DUNWOOD__DRP 24194	32.89 1.57 0.00	32.36 1.39 0.00	30.97 1.33 0.00	31.34 1.26 0.00	30.61 1.12 0.00	33.53 1.35 0.00	43.19 2.10 0.00	51.51 2.45 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.10 2.09 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.38 2.31 0.00	39.68 2.35 0.00	43.38 2.72 0.00	50.21 3.15 0.00	54.02 3.25 0.00	65.28 3.81 0.00	66.06 3.97 0.00	45.37 2.53 0.00	42.10 2.27 0.00	36.93 1.86 0.00
CE_MILLWOOD__DRP 24193	32.82 1.50 0.00	32.30 1.33 0.00	30.94 1.30 0.00	31.31 1.23 0.00	30.58 1.09 0.00	33.49 1.32 0.00	43.11 2.01 0.00	51.42 2.35 0.00	46.74 2.44 0.00	39.32 2.01 0.00	38.30 2.00 0.00	38.02 2.02 0.00	37.53 2.06 0.00	38.40 2.14 0.00	38.31 2.24 0.00	39.61 2.28 0.00	43.26 2.60 0.00	50.11 3.06 0.00	53.92 3.15 0.00	65.15 3.69 0.00	65.87 3.79 0.00	45.28 2.44 0.00	42.02 2.19 0.00	36.86 1.79 0.00
CE_NYC2_DRP 24202	33.08 1.75 0.00	32.48 1.52 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.59 1.42 0.00	43.27 2.18 0.00	51.76 2.70 0.00	47.05 2.75 0.00	39.54 2.24 0.00	38.52 2.21 0.00	38.24 2.23 0.00	37.78 2.31 0.00	38.66 2.39 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.49 3.44 0.00	54.22 3.45 0.00	65.46 4.00 0.00	66.24 4.16 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.07 2.00 0.00
CE_NYC_DRP 24195	33.01 1.69 0.00	32.48 1.52 0.00	31.12 1.48 0.00	31.46 1.38 0.00	30.73 1.24 0.00	33.62 1.45 0.00	43.35 2.26 0.00	51.81 2.75 0.00	47.19 2.88 0.00	39.65 2.35 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.95 2.61 0.00	43.66 3.01 0.00	50.54 3.48 0.00	54.33 3.55 0.00	65.58 4.12 0.00	66.37 4.28 0.00	45.58 2.74 0.00	42.30 2.47 0.00	37.07 2.00 0.00
CHAFFEE__LFGE 323603	29.98 -1.35 0.00	29.23 -1.73 0.00	27.86 -1.78 0.00	28.15 -1.93 0.00	27.96 -1.53 0.00	30.05 -2.12 0.00	37.68 -3.41 0.00	45.38 -3.68 0.00	41.43 -2.88 0.00	34.06 -3.25 0.00	33.62 -2.69 0.00	33.34 -2.66 0.00	32.78 -2.70 0.00	33.58 -2.68 0.00	32.96 -3.10 0.01	33.95 -3.36 0.02	36.87 -3.74 0.04	42.75 -4.28 0.02	46.03 -4.72 0.02	55.80 -5.65 0.01	56.84 -5.21 0.02	39.02 -3.81 0.01	36.48 -3.35 0.01	32.13 -2.95 0.00
CHATEAUG_35_KV_LOAD 355732	30.82 -0.50 0.00	30.56 -0.40 0.00	29.31 -0.33 0.00	29.81 -0.27 0.00	29.29 -0.21 0.00	32.08 -0.10 0.00	41.18 0.08 0.00	49.31 0.25 0.00	44.57 0.27 0.00	37.53 0.22 0.00	36.48 0.18 0.00	36.12 0.11 0.00	35.58 0.11 0.00	36.34 0.07 0.00	36.10 0.04 0.00	37.41 0.07 0.00	40.86 0.20 0.00	47.34 0.28 0.00	51.18 0.41 0.00	61.96 0.49 0.00	62.52 0.43 0.00	42.93 0.09 0.00	39.79 -0.04 0.00	34.97 -0.11 0.00
CHATEAUG_WT_PWR 323614	30.79 -0.53 0.00	30.53 -0.43 0.00	29.28 -0.35 0.00	29.78 -0.30 0.00	29.25 -0.24 0.00	32.05 -0.13 0.00	41.13 0.04 0.00	49.26 0.20 0.00	44.57 0.27 0.00	37.56 0.26 0.00	36.52 0.22 0.00	36.15 0.14 0.00	35.62 0.14 0.00	36.41 0.15 0.00	36.18 0.11 0.00	37.44 0.11 0.00	40.86 0.20 0.00	47.29 0.24 0.00	51.18 0.40 0.00	61.84 0.37 0.00	62.33 0.25 0.00	42.88 0.04 0.00	39.75 -0.08 0.00	34.90 -0.17 0.00
CHAT_HIGH_FALL_HYD 323578	30.82 -0.50 0.00	30.56 -0.40 0.00	29.31 -0.33 0.00	29.81 -0.27 0.00	29.29 -0.21 0.00	32.08 -0.10 0.00	41.18 0.08 0.00	49.31 0.25 0.00	44.57 0.27 0.00	37.53 0.22 0.00	36.48 0.18 0.00	36.12 0.11 0.00	35.58 0.11 0.00	36.34 0.07 0.00	36.10 0.04 0.00	37.41 0.07 0.00	40.86 0.20 0.00	47.34 0.28 0.00	51.18 0.41 0.00	61.96 0.49 0.00	62.52 0.43 0.00	42.93 0.09 0.00	39.79 -0.04 0.00	34.97 -0.11 0.00
CHAUTAUQUA__LFGE 323629	30.41 -0.91 0.00	29.69 -1.27 0.00	28.31 -1.33 0.00	28.60 -1.47 0.00	28.40 -1.09 0.00	30.63 -1.54 0.00	38.51 -2.59 0.00	46.36 -2.70 0.00	42.23 -2.08 0.00	34.73 -2.57 0.00	34.24 -2.07 0.00	33.96 -2.05 0.00	33.31 -2.17 0.00	34.05 -2.21 0.00	33.39 -2.67 0.01	34.32 -2.99 0.02	37.16 -3.46 0.04	42.99 -4.05 0.02	46.48 -4.26 0.02	56.54 -4.92 0.01	57.59 -4.47 0.02	39.57 -3.26 0.01	37.00 -2.83 0.01	32.58 -2.49 0.00
CHERRYST_13_KV_LD 356241	33.11 1.79 0.00	32.54 1.58 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.79 1.30 0.00	33.69 1.51 0.00	43.48 2.38 0.00	51.96 2.89 0.00	47.32 3.01 0.00	39.76 2.46 0.00	38.74 2.43 0.00	38.46 2.45 0.00	37.99 2.52 0.00	38.87 2.61 0.00	38.74 2.67 0.00	40.06 2.73 0.00	43.79 3.13 0.00	50.68 3.62 0.00	54.48 3.71 0.00	65.77 4.30 0.00	66.55 4.47 0.00	45.67 2.83 0.00	42.42 2.59 0.00	37.14 2.07 0.00

CHESTROR_138KV_BK263 355645	32.61 1.28 0.00	32.11 1.15 0.00	30.74 1.10 0.00	31.10 1.02 0.00	30.41 0.91 0.00	33.30 1.13 0.00	42.78 1.68 0.00	50.98 1.91 0.00	46.26 1.95 0.00	38.91 1.60 0.00	37.90 1.60 0.00	37.59 1.58 0.00	37.11 1.63 0.00	37.97 1.70 0.00	37.84 1.77 0.00	39.13 1.79 0.00	42.73 2.07 -0.01	49.51 2.45 0.00	53.31 2.54 0.00	64.48 3.01 0.00	65.19 3.10 0.00	44.85 2.01 0.00	41.66 1.83 0.00	36.55 1.47 0.00
CH_MIDHUDSON__DRP 24192	32.76 1.44 0.00	32.30 1.33 0.00	30.91 1.27 0.00	31.28 1.20 0.00	30.58 1.09 0.00	33.49 1.32 0.00	43.02 1.93 0.00	51.22 2.16 0.00	46.48 2.17 0.00	39.09 1.79 0.00	38.05 1.74 0.00	37.74 1.73 0.00	37.25 1.77 0.00	38.11 1.85 0.00	37.98 1.91 0.00	39.31 1.98 0.00	42.93 2.28 0.00	49.74 2.68 0.00	53.51 2.74 0.00	64.72 3.26 0.00	65.43 3.35 0.00	45.07 2.23 0.00	41.86 2.03 0.00	36.76 1.68 0.00
CH_MISC_IPPS 23765	32.86 1.53 0.00	32.39 1.43 0.00	31.00 1.36 0.00	31.37 1.29 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.19 2.09 0.00	51.32 2.26 0.00	46.52 2.21 0.00	39.20 1.90 0.00	38.08 1.78 0.00	37.81 1.80 0.00	37.32 1.84 0.00	38.18 1.92 0.00	38.05 1.98 0.00	39.42 2.09 0.00	43.01 2.36 0.00	49.83 2.78 0.00	53.41 2.64 0.00	64.91 3.44 0.00	65.49 3.41 0.00	45.19 2.35 0.00	41.98 2.15 0.00	36.83 1.75 0.00
CH_RES_BVR_FALLS 23983	31.07 -0.25 0.00	30.75 -0.22 0.00	29.46 -0.18 0.00	29.93 -0.15 0.00	29.37 -0.12 0.00	32.08 -0.10 0.00	41.01 -0.08 0.00	49.01 -0.05 0.00	44.26 -0.04 0.00	37.26 -0.04 0.00	36.27 -0.04 0.00	35.97 -0.04 0.00	35.44 -0.04 0.00	36.23 -0.04 0.00	36.03 -0.04 0.00	37.29 -0.04 0.00	40.61 -0.04 0.00	47.01 -0.05 0.00	50.72 -0.05 0.00	61.40 -0.06 0.00	61.96 -0.12 0.00	42.71 -0.13 0.00	39.71 -0.12 0.00	34.93 -0.14 0.00
CH_RES_NIAGARA 23895	29.19 -2.13 0.00	28.46 -2.51 0.00	27.09 -2.55 0.00	27.37 -2.71 0.00	27.16 -2.33 0.00	28.67 -3.51 0.00	36.24 -4.85 0.00	43.81 -5.25 0.00	39.61 -4.70 0.00	32.86 -4.44 0.00	32.49 -3.81 0.00	32.15 -3.85 0.00	31.72 -3.76 0.00	32.46 -3.81 0.01	31.88 -4.18 0.01	32.61 -4.70 0.02	34.77 -5.81 0.07	39.98 -7.06 0.02	43.14 -7.62 0.02	53.71 -7.74 0.01	53.50 -8.57 0.02	37.56 -5.27 0.01	35.40 -4.42 0.01	31.25 -3.82 0.00
CH_RES_SYRACUSE 23985	31.17 -0.16 0.00	30.78 -0.18 0.00	29.40 -0.24 0.00	29.83 -0.24 0.00	29.25 -0.24 0.00	31.85 -0.32 0.00	40.60 -0.49 0.00	48.57 -0.49 0.00	43.91 -0.40 0.00	36.89 -0.41 0.00	35.94 -0.36 0.00	35.65 -0.36 0.00	35.09 -0.39 0.00	35.90 -0.36 0.00	35.64 -0.43 0.00	36.92 -0.41 0.00	40.08 -0.57 0.01	46.39 -0.66 0.00	50.16 -0.61 0.00	60.79 -0.67 0.00	61.52 -0.56 0.00	42.37 -0.47 0.00	39.39 -0.44 0.00	34.76 -0.32 0.00
CLINTON_WT_PWR 323605	30.79 -0.53 0.00	30.53 -0.43 0.00	29.28 -0.35 0.00	29.78 -0.30 0.00	29.25 -0.24 0.00	32.05 -0.13 0.00	41.13 0.04 0.00	49.26 0.20 0.00	44.57 0.27 0.00	37.56 0.26 0.00	36.52 0.22 0.00	36.15 0.14 0.00	35.62 0.14 0.00	36.41 0.15 0.00	36.18 0.11 0.00	37.44 0.11 0.00	40.86 0.20 0.00	47.29 0.24 0.00	51.18 0.40 0.00	61.84 0.37 0.00	62.33 0.25 0.00	42.88 0.04 0.00	39.75 -0.08 0.00	34.90 -0.17 0.00
CLINTON__LFGE 323618	31.04 -0.28 0.00	30.84 -0.12 0.00	29.58 -0.06 0.00	30.08 0.00 0.00	29.55 0.06 0.00	32.43 0.26 0.00	41.67 0.58 0.00	49.95 0.88 0.00	45.15 0.84 0.00	38.05 0.75 0.00	36.96 0.65 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.77 0.51 0.00	36.50 0.43 0.00	37.85 0.52 0.00	41.39 0.73 0.00	47.95 0.89 0.00	51.99 1.22 0.00	62.76 1.29 0.00	63.26 1.18 0.00	43.44 0.60 0.00	40.23 0.40 0.00	35.28 0.21 0.00
COBBLENY_34_KV_TB1 80064	29.97 -1.35 0.00	29.26 -1.70 0.00	27.86 -1.78 0.00	28.15 -1.92 0.00	27.96 -1.53 0.00	29.60 -2.57 0.00	37.68 -3.41 0.00	45.43 -3.63 0.00	41.12 -3.19 0.00	34.06 -3.25 0.00	33.62 -2.69 0.00	33.23 -2.77 0.00	32.78 -2.70 0.00	33.54 -2.72 0.00	32.92 -3.14 0.01	34.02 -3.29 0.02	36.87 -3.74 0.04	42.75 -4.28 0.02	46.08 -4.67 0.02	55.80 -5.65 0.01	56.53 -5.53 0.02	38.98 -3.86 0.01	36.48 -3.35 0.01	32.13 -2.95 0.00
COFFEEN__115KV_TB3 355620	31.04 -0.28 0.00	30.87 -0.09 0.00	29.61 -0.03 0.00	30.26 0.18 0.00	29.90 0.41 0.00	32.72 0.55 0.00	42.24 1.15 0.00	50.58 1.52 0.00	45.28 0.97 0.00	37.64 0.34 0.00	36.59 0.29 0.00	36.22 0.22 0.00	35.69 0.21 0.00	36.41 0.15 0.00	36.29 0.22 0.00	37.59 0.26 0.00	40.82 0.16 0.00	47.71 0.66 0.00	52.09 1.32 0.00	64.11 2.64 0.00	65.37 3.29 0.00	44.64 1.80 0.00	41.11 1.27 0.00	35.77 0.70 0.00
COLDSPRG_115KV_BK1 355956	30.48 -0.85 0.00	29.76 -1.21 0.00	28.39 -1.24 0.00	28.66 -1.41 0.00	28.46 -1.03 0.00	30.37 -1.80 0.00	38.87 -2.22 0.00	46.71 -2.35 0.00	42.31 -1.99 0.00	35.03 -2.28 0.00	34.56 -1.74 0.00	34.14 -1.87 0.00	33.60 -1.88 0.00	34.27 -1.99 0.00	33.61 -2.45 0.01	34.88 -2.43 0.02	38.29 -2.32 0.05	44.40 -2.64 0.02	47.90 -2.84 0.02	57.03 -4.43 0.01	58.46 -3.60 0.02	39.83 -3.00 0.01	37.11 -2.71 0.01	32.69 -2.38 0.00
COLONIE_LFGE__ 323577	32.61 1.28 0.00	32.23 1.27 0.00	30.85 1.22 0.00	31.31 1.23 0.00	30.64 1.15 0.00	33.43 1.25 0.00	42.78 1.69 0.00	50.93 1.86 0.00	45.72 1.42 0.00	38.61 1.30 0.00	37.46 1.16 0.00	37.19 1.19 0.00	36.64 1.17 0.00	37.42 1.16 0.00	37.33 1.26 0.00	38.67 1.34 0.00	42.24 1.58 0.00	48.89 1.83 0.00	52.65 1.88 0.00	63.74 2.28 0.00	64.38 2.30 0.00	44.64 1.80 0.00	41.50 1.67 0.00	36.44 1.37 0.00
COOPERNY_115KV_TB1 80082	32.45 1.13 0.00	31.99 1.02 0.00	30.62 0.98 0.00	31.01 0.93 0.00	30.32 0.83 0.00	33.20 1.03 0.00	42.61 1.52 0.00	50.78 1.72 0.00	46.08 1.77 0.00	38.79 1.49 0.00	37.76 1.45 0.00	37.48 1.48 0.00	37.00 1.53 0.00	37.82 1.56 0.00	37.69 1.62 0.00	38.98 1.64 0.00	42.57 1.91 -0.01	49.27 2.21 0.00	53.06 2.28 0.00	64.17 2.70 0.00	64.88 2.79 0.00	44.68 1.84 0.00	41.47 1.63 0.00	36.44 1.37 0.00
COPENHAGEN_WT_PWR 323753	30.91 -0.41 0.00	30.75 -0.22 0.00	29.49 -0.15 0.00	30.14 0.06 0.00	29.76 0.26 0.00	32.56 0.39 0.00	41.96 0.86 0.00	50.24 1.18 0.00	45.01 0.71 0.00	37.45 0.15 0.00	36.45 0.15 0.00	36.12 0.11 0.00	35.55 0.07 0.00	36.30 0.04 0.00	36.18 0.11 0.00	37.44 0.11 0.00	40.61 -0.04 0.00	47.43 0.37 0.00	51.79 1.02 0.00	63.62 2.15 0.00	64.81 2.73 0.00	44.30 1.46 0.00	40.83 1.00 0.00	35.60 0.53 0.00
CORNELL____ 23752	31.76 0.44 0.00	31.34 0.37 0.00	29.91 0.27 0.00	30.35 0.27 0.00	29.82 0.32 0.00	32.43 0.26 0.00	41.55 0.45 0.00	49.70 0.64 0.00	44.84 0.53 0.00	37.56 0.26 0.00	36.52 0.22 0.00	36.12 0.11 0.00	35.51 0.04 0.00	36.34 0.07 0.00	36.10 0.04 0.00	37.40 0.07 0.01	40.76 0.12 0.02	47.38 0.33 0.01	51.32 0.56 0.01	62.20 0.74 0.00	62.94 0.87 0.01	43.31 0.47 0.00	40.27 0.44 0.00	35.39 0.32 0.00

CORONA_69_KV_TB1 355595	47.17 2.19 -13.65	37.90 2.01 -4.92	31.54 1.90 0.00	31.88 1.80 0.00	31.20 1.71 0.00	38.17 1.99 -4.00	47.92 2.88 -3.95	52.01 2.94 0.00	47.50 3.19 0.00	39.91 2.61 0.00	40.47 2.80 -1.37	41.94 2.81 -3.13	39.58 2.84 -1.26	41.94 2.94 -2.74	45.82 2.99 -6.76	46.64 3.06 -6.24	52.00 3.46 -7.89	68.98 4.00 -17.93	90.43 4.11 -35.55	112.15 4.73 -45.95	96.22 4.90 -29.23	58.60 3.26 -12.50	47.74 3.07 -4.84	46.24 2.53 -8.64
CORTLAND_115KV_TB3 80093	31.60 0.28 0.00	31.21 0.25 0.00	29.82 0.18 0.00	30.26 0.18 0.00	29.70 0.21 0.00	32.34 0.16 0.00	41.38 0.29 0.00	49.45 0.39 0.00	44.66 0.35 0.00	37.49 0.19 0.00	36.48 0.18 0.00	36.15 0.14 0.00	35.55 0.07 0.00	36.37 0.11 0.00	36.18 0.11 0.00	37.44 0.11 0.00	40.78 0.12 0.00	47.29 0.24 0.00	51.13 0.36 0.00	61.96 0.49 0.00	62.64 0.56 0.00	43.18 0.34 0.00	40.11 0.28 0.00	35.28 0.21 0.00
COXSACKIE___GT 23611	33.01 1.69 0.00	32.79 1.83 0.00	31.33 1.69 0.00	31.82 1.74 0.00	31.11 1.62 0.00	33.98 1.80 0.00	43.52 2.42 0.00	51.22 2.16 0.00	45.86 1.55 0.00	38.57 1.27 0.00	37.28 0.98 0.00	36.91 0.90 0.00	36.40 0.92 0.00	37.17 0.91 0.00	37.04 0.97 0.00	38.53 1.19 0.00	42.08 1.42 0.00	48.70 1.65 0.00	52.40 1.62 0.00	63.80 2.34 0.00	64.44 2.36 0.00	44.94 2.10 0.00	41.82 1.99 0.00	36.51 1.44 0.00
CPV_VALLEY___CC1 323721	32.42 1.10 0.00	31.93 0.96 0.00	30.56 0.92 0.00	30.95 0.87 0.00	30.26 0.77 0.00	33.07 0.90 0.00	42.53 1.44 0.00	50.68 1.62 0.00	45.95 1.64 0.00	38.72 1.42 0.00	37.72 1.41 0.00	37.45 1.44 0.00	36.97 1.49 0.00	37.79 1.52 0.00	37.66 1.59 0.00	38.94 1.60 0.00	42.53 1.87 -0.01	49.22 2.17 0.00	52.86 2.08 0.00	64.11 2.64 0.00	64.75 2.67 0.00	44.60 1.76 0.00	41.43 1.59 0.00	36.37 1.30 0.00
CPV_VALLEY___CC2 323722	32.42 1.10 0.00	31.93 0.96 0.00	30.56 0.92 0.00	30.95 0.87 0.00	30.26 0.77 0.00	33.07 0.90 0.00	42.53 1.44 0.00	50.68 1.62 0.00	45.95 1.64 0.00	38.72 1.42 0.00	37.72 1.41 0.00	37.45 1.44 0.00	36.97 1.49 0.00	37.79 1.52 0.00	37.66 1.59 0.00	38.94 1.60 0.00	42.53 1.87 -0.01	49.22 2.17 0.00	52.86 2.08 0.00	64.11 2.64 0.00	64.75 2.67 0.00	44.60 1.76 0.00	41.43 1.59 0.00	36.37 1.30 0.00
CRESCENT___HYD 24018	32.61 1.28 0.00	32.23 1.27 0.00	30.85 1.22 0.00	31.31 1.23 0.00	30.64 1.15 0.00	33.43 1.25 0.00	42.78 1.69 0.00	50.93 1.86 0.00	45.72 1.42 0.00	38.61 1.30 0.00	37.46 1.16 0.00	37.19 1.19 0.00	36.64 1.17 0.00	37.42 1.16 0.00	37.33 1.26 0.00	38.67 1.34 0.00	42.24 1.58 0.00	48.89 1.83 0.00	52.65 1.88 0.00	63.74 2.28 0.00	64.38 2.30 0.00	44.64 1.80 0.00	41.50 1.67 0.00	36.44 1.37 0.00
CRICKET___VALLEY_CC1 323756	32.51 1.19 0.00	32.02 1.05 0.00	30.68 1.04 0.00	31.04 0.96 0.00	30.35 0.86 0.00	33.17 1.00 0.00	42.69 1.60 0.00	50.93 1.86 0.00	46.12 1.82 0.00	38.90 1.60 0.00	37.86 1.56 0.00	37.59 1.58 0.00	37.11 1.63 0.00	37.93 1.67 0.00	37.84 1.77 0.00	39.12 1.79 0.00	42.77 2.11 0.00	49.50 2.45 0.00	53.06 2.29 0.00	64.35 2.89 0.00	64.94 2.86 0.00	44.77 1.93 0.00	41.63 1.79 0.00	36.61 1.54 0.00
CRICKET___VALLEY_CC2 323757	32.51 1.19 0.00	32.02 1.05 0.00	30.68 1.04 0.00	31.04 0.96 0.00	30.35 0.86 0.00	33.17 1.00 0.00	42.69 1.60 0.00	50.93 1.86 0.00	46.12 1.82 0.00	38.90 1.60 0.00	37.86 1.56 0.00	37.59 1.58 0.00	37.11 1.63 0.00	37.93 1.67 0.00	37.84 1.77 0.00	39.12 1.79 0.00	42.77 2.11 0.00	49.50 2.45 0.00	53.06 2.29 0.00	64.35 2.89 0.00	64.94 2.86 0.00	44.77 1.93 0.00	41.63 1.79 0.00	36.61 1.54 0.00
CRICKET___VALLEY_CC3 323758	32.51 1.19 0.00	32.02 1.05 0.00	30.68 1.04 0.00	31.04 0.96 0.00	30.35 0.86 0.00	33.17 1.00 0.00	42.69 1.60 0.00	50.93 1.86 0.00	46.12 1.82 0.00	38.90 1.60 0.00	37.86 1.56 0.00	37.59 1.58 0.00	37.11 1.63 0.00	37.93 1.67 0.00	37.84 1.77 0.00	39.12 1.79 0.00	42.77 2.11 0.00	49.50 2.45 0.00	53.06 2.29 0.00	64.35 2.89 0.00	64.94 2.86 0.00	44.77 1.93 0.00	41.63 1.79 0.00	36.61 1.54 0.00
CRUCIBLE_METL_DRP 24180	31.16 -0.16 0.00	30.78 -0.19 0.00	29.40 -0.24 0.00	29.84 -0.24 0.00	29.26 -0.24 0.00	31.82 -0.35 0.00	40.60 -0.49 0.00	48.57 -0.49 0.00	43.86 -0.44 0.00	36.89 -0.41 0.00	35.94 -0.36 0.00	35.65 -0.36 0.00	35.09 -0.39 0.00	35.90 -0.36 0.00	35.63 -0.43 0.00	36.92 -0.41 0.00	40.08 -0.57 0.01	46.39 -0.66 0.00	50.11 -0.66 0.00	60.79 -0.68 0.00	61.40 -0.68 0.00	42.37 -0.47 0.00	39.39 -0.44 0.00	34.76 -0.32 0.00
DAHOWA___HYDRO 323763	32.89 1.57 0.00	32.48 1.52 0.00	31.12 1.48 0.00	31.61 1.53 0.00	30.82 1.33 0.00	33.72 1.54 0.00	43.11 2.01 0.00	51.17 2.11 0.00	45.72 1.42 0.00	38.49 1.19 0.00	37.39 1.09 0.00	37.05 1.04 0.00	36.54 1.06 0.00	37.20 0.94 0.00	37.22 1.15 0.00	38.60 1.27 0.00	42.20 1.54 0.00	49.03 1.98 0.00	52.95 2.18 0.00	64.17 2.70 0.00	64.94 2.86 0.00	44.98 2.14 0.00	41.82 1.99 0.00	36.69 1.61 0.00
DANC___LFGE 323619	30.88 -0.44 0.00	30.69 -0.28 0.00	29.40 -0.24 0.00	30.02 -0.06 0.00	29.61 0.12 0.00	32.30 0.13 0.00	41.50 0.41 0.00	49.65 0.59 0.00	44.57 0.27 0.00	37.12 -0.19 0.00	36.16 -0.14 0.00	35.90 -0.11 0.00	35.37 -0.11 0.00	36.08 -0.18 0.00	35.96 -0.11 0.00	37.18 -0.15 0.00	40.29 -0.37 0.00	47.01 -0.05 0.00	51.23 0.46 0.00	62.76 1.29 0.00	64.07 1.99 0.00	43.87 1.03 0.00	40.51 0.68 0.00	35.35 0.28 0.00
DANSKAMMER___1 23586	32.86 1.53 0.00	32.39 1.43 0.00	31.00 1.36 0.00	31.37 1.29 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.19 2.09 0.00	51.32 2.26 0.00	46.52 2.21 0.00	39.20 1.90 0.00	38.08 1.78 0.00	37.81 1.80 0.00	37.32 1.84 0.00	38.18 1.92 0.00	38.05 1.98 0.00	39.42 2.09 0.00	43.01 2.36 0.00	49.83 2.78 0.00	53.41 2.64 0.00	64.91 3.44 0.00	65.49 3.41 0.00	45.19 2.35 0.00	41.98 2.15 0.00	36.83 1.75 0.00
DANSKAMMER___2 23589	32.86 1.53 0.00	32.39 1.43 0.00	31.00 1.36 0.00	31.37 1.29 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.19 2.09 0.00	51.32 2.26 0.00	46.52 2.21 0.00	39.20 1.90 0.00	38.08 1.78 0.00	37.81 1.80 0.00	37.32 1.84 0.00	38.18 1.92 0.00	38.05 1.98 0.00	39.42 2.09 0.00	43.01 2.36 0.00	49.83 2.78 0.00	53.41 2.64 0.00	64.91 3.44 0.00	65.49 3.41 0.00	45.19 2.35 0.00	41.98 2.15 0.00	36.83 1.75 0.00
DANSKAMMER___3 23590	32.86 1.53 0.00	32.39 1.43 0.00	31.00 1.36 0.00	31.37 1.29 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.19 2.09 0.00	51.32 2.26 0.00	46.52 2.21 0.00	39.20 1.90 0.00	38.08 1.78 0.00	37.81 1.80 0.00	37.32 1.84 0.00	38.18 1.92 0.00	38.05 1.98 0.00	39.42 2.09 0.00	43.01 2.36 0.00	49.83 2.78 0.00	53.41 2.64 0.00	64.91 3.44 0.00	65.49 3.41 0.00	45.19 2.35 0.00	41.98 2.15 0.00	36.83 1.75 0.00

DANSKAMMER___4 23591	32.86 1.53 0.00	32.39 1.43 0.00	31.00 1.36 0.00	31.37 1.29 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.19 2.09 0.00	51.32 2.26 0.00	46.52 2.21 0.00	39.20 1.90 0.00	38.08 1.78 0.00	37.81 1.80 0.00	37.32 1.84 0.00	38.18 1.92 0.00	38.05 1.98 0.00	39.42 2.09 0.00	43.01 2.36 0.00	49.83 2.78 0.00	53.41 2.64 0.00	64.91 3.44 0.00	65.49 3.41 0.00	45.19 2.35 0.00	41.98 2.15 0.00	36.83 1.75 0.00
DANSKAMMER___DIESEL 23592	32.86 1.53 0.00	32.39 1.42 0.00	31.00 1.36 0.00	31.37 1.29 0.00	30.67 1.18 0.00	33.59 1.42 0.00	43.19 2.10 0.00	51.32 2.26 0.00	46.57 2.26 0.00	39.20 1.90 0.00	38.08 1.78 0.00	37.81 1.80 0.00	37.32 1.84 0.00	38.18 1.92 0.00	38.05 1.98 0.00	39.42 2.09 0.00	43.01 2.36 0.00	49.83 2.78 0.00	53.61 2.84 0.00	64.91 3.44 0.00	65.62 3.54 0.00	45.20 2.36 0.00	41.98 2.15 0.00	36.83 1.75 0.00
DARBY___SOLAR 323810	32.82 1.50 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.55 1.47 0.00	30.79 1.30 0.00	33.62 1.45 0.00	43.03 1.93 0.00	51.07 2.01 0.00	45.72 1.42 0.00	38.49 1.19 0.00	37.36 1.05 0.00	37.01 1.01 0.00	36.51 1.03 0.00	37.20 0.94 0.00	37.19 1.12 0.00	38.60 1.27 0.00	42.20 1.54 0.00	48.99 1.93 0.00	52.85 2.08 0.00	64.11 2.64 0.00	64.81 2.73 0.00	44.90 2.06 0.00	41.74 1.91 0.00	36.61 1.54 0.00
DASHVILLE___HYD 23610	32.64 1.32 0.00	32.17 1.21 0.00	30.80 1.16 0.00	31.19 1.11 0.00	30.46 0.97 0.00	33.37 1.19 0.00	43.07 1.97 0.00	51.12 2.06 0.00	46.30 1.99 0.00	38.98 1.68 0.00	37.86 1.56 0.00	37.59 1.58 0.00	37.11 1.63 0.00	37.97 1.70 0.00	37.80 1.73 0.00	39.16 1.83 0.00	42.73 2.07 0.00	49.55 2.49 0.00	53.31 2.54 0.00	64.54 3.07 0.00	65.25 3.17 0.00	45.02 2.18 0.00	41.86 2.03 0.00	36.58 1.51 0.00
DELAWARE___LFGE 323621	32.20 0.88 0.00	31.80 0.84 0.00	30.41 0.77 0.00	30.86 0.78 0.00	30.23 0.74 0.00	33.04 0.87 0.00	42.33 1.23 0.00	50.39 1.32 0.00	45.59 1.28 0.00	38.31 1.01 0.00	37.32 1.02 0.00	37.02 1.01 0.00	36.50 1.03 0.00	37.31 1.05 0.00	37.15 1.08 0.00	38.50 1.16 -0.01	41.97 1.30 -0.01	48.57 1.51 -0.01	52.40 1.62 -0.01	63.37 1.91 0.00	64.08 1.99 -0.01	44.21 1.37 0.00	41.07 1.23 0.00	36.05 0.98 0.00
DERFIELD_115KV_TB7 355931	31.42 0.09 0.00	31.06 0.09 0.00	29.73 0.09 0.00	30.17 0.09 0.00	29.58 0.09 0.00	32.27 0.10 0.00	41.22 0.12 0.00	49.16 0.10 0.00	44.40 0.09 0.00	37.38 0.07 0.00	36.38 0.07 0.00	36.08 0.07 0.00	35.55 0.07 0.00	36.34 0.07 0.00	36.14 0.07 0.00	37.41 0.07 0.00	40.74 0.08 0.00	47.15 0.09 0.00	50.87 0.10 0.00	61.59 0.12 0.00	62.21 0.12 0.00	42.97 0.13 0.00	39.91 0.08 0.00	35.14 0.07 0.00
DOGLEVILLE___HYD 23807	30.91 -0.41 0.00	30.59 -0.37 0.00	29.34 -0.30 0.00	29.78 -0.30 0.00	29.17 -0.32 0.00	31.89 -0.29 0.00	40.81 -0.29 0.00	48.72 -0.34 0.00	44.00 -0.31 0.00	37.08 -0.22 0.00	36.01 -0.29 0.00	35.68 -0.32 0.00	35.09 -0.39 0.00	35.79 -0.47 0.00	35.56 -0.50 0.00	36.55 -0.78 0.00	39.76 -0.89 0.00	45.93 -1.13 0.00	49.45 -1.32 0.00	59.81 -1.66 0.00	60.28 -1.80 0.00	41.68 -1.16 0.00	38.64 -1.19 0.00	33.95 -1.12 0.00
DUNKIRK___115KV_TB_200 55889	30.38 -0.94 0.00	29.66 -1.30 0.00	28.28 -1.36 0.00	28.57 -1.50 0.00	28.37 -1.12 0.00	30.15 -2.03 0.00	38.42 -2.67 0.00	46.27 -2.80 0.00	41.87 -2.44 0.00	34.69 -2.61 0.00	34.20 -2.11 0.00	33.81 -2.20 0.00	33.28 -2.20 0.00	33.98 -2.28 0.00	33.36 -2.71 0.01	34.36 -2.95 0.02	37.12 -3.50 0.04	42.99 -4.05 0.02	46.48 -4.26 0.02	56.54 -4.92 0.01	57.22 -4.84 0.02	39.53 -3.30 0.01	36.95 -2.87 0.01	32.55 -2.53 0.00
DUNKIRK___1 23563	30.38 -0.94 0.00	29.66 -1.30 0.00	28.28 -1.36 0.00	28.57 -1.50 0.00	28.37 -1.12 0.00	30.15 -2.03 0.00	38.42 -2.67 0.00	46.27 -2.80 0.00	41.87 -2.44 0.00	34.69 -2.61 0.00	34.20 -2.11 0.00	33.81 -2.20 0.00	33.28 -2.20 0.00	33.98 -2.28 0.00	33.36 -2.71 0.01	34.36 -2.95 0.02	37.12 -3.50 0.04	42.99 -4.05 0.02	46.48 -4.26 0.02	56.54 -4.92 0.01	57.22 -4.84 0.02	39.53 -3.30 0.01	36.95 -2.87 0.01	32.55 -2.53 0.00
DUNKIRK___2 23564	30.38 -0.94 0.00	29.66 -1.30 0.00	28.28 -1.36 0.00	28.57 -1.50 0.00	28.37 -1.12 0.00	30.15 -2.03 0.00	38.42 -2.67 0.00	46.27 -2.80 0.00	41.87 -2.44 0.00	34.69 -2.61 0.00	34.20 -2.11 0.00	33.81 -2.20 0.00	33.28 -2.20 0.00	33.98 -2.28 0.00	33.36 -2.71 0.01	34.36 -2.95 0.02	37.12 -3.50 0.04	42.99 -4.05 0.02	46.48 -4.26 0.02	56.54 -4.92 0.01	57.22 -4.84 0.02	39.53 -3.30 0.01	36.95 -2.87 0.01	32.55 -2.53 0.00
DUNKIRK___3 23565	30.19 -1.13 0.00	29.48 -1.49 0.00	28.10 -1.54 0.00	28.39 -1.68 0.00	28.19 -1.30 0.00	29.92 -2.25 0.00	38.13 -2.96 0.00	45.87 -3.19 0.00	41.52 -2.79 0.00	34.39 -2.91 0.00	33.94 -2.36 0.00	33.56 -2.45 0.00	33.03 -2.45 0.00	33.72 -2.54 0.00	33.14 -2.92 0.01	34.17 -3.14 0.02	36.95 -3.66 0.04	42.80 -4.24 0.02	46.28 -4.47 0.02	56.23 -5.22 0.01	56.91 -5.15 0.02	39.28 -3.56 0.01	36.76 -3.07 0.01	32.37 -2.70 0.00
DUNKIRK___4 23566	30.19 -1.13 0.00	29.48 -1.49 0.00	28.10 -1.54 0.00	28.39 -1.68 0.00	28.19 -1.30 0.00	29.92 -2.25 0.00	38.13 -2.96 0.00	45.87 -3.19 0.00	41.52 -2.79 0.00	34.39 -2.91 0.00	33.94 -2.36 0.00	33.56 -2.45 0.00	33.03 -2.45 0.00	33.72 -2.54 0.00	33.14 -2.92 0.01	34.17 -3.14 0.02	36.95 -3.66 0.04	42.80 -4.24 0.02	46.28 -4.47 0.02	56.23 -5.22 0.01	56.91 -5.15 0.02	39.28 -3.56 0.01	36.76 -3.07 0.01	32.37 -2.70 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.95 1.63 0.00	32.42 1.46 0.00	31.03 1.39 0.00	31.40 1.32 0.00	30.67 1.18 0.00	33.59 1.42 0.00	43.27 2.18 0.00	51.66 2.60 0.00	47.01 2.70 0.00	39.50 2.20 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.49 2.42 0.00	39.80 2.46 0.00	43.50 2.85 0.00	50.40 3.34 0.00	54.17 3.40 0.00	65.46 4.00 0.00	66.24 4.16 0.00	45.45 2.61 0.00	42.22 2.39 0.00	37.00 1.93 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.73 1.41 0.00	32.23 1.27 0.00	30.85 1.22 0.00	31.22 1.14 0.00	30.52 1.03 0.00	33.43 1.25 0.00	42.98 1.89 0.00	51.12 2.06 0.00	46.43 2.13 0.00	39.05 1.75 0.00	38.01 1.71 0.00	37.70 1.69 0.00	37.21 1.74 0.00	38.08 1.81 0.00	37.95 1.88 0.00	39.28 1.94 0.00	42.90 2.24 -0.01	49.69 2.64 0.00	53.46 2.69 0.00	64.72 3.26 0.00	65.44 3.35 0.00	45.03 2.18 0.00	41.82 1.99 0.00	36.69 1.61 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.14 1.82 0.00	32.51 1.55 0.00	31.27 1.63 0.00	31.58 1.50 0.00	30.82 1.33 0.00	33.53 1.35 0.00	43.19 2.10 0.00	51.61 2.55 0.00	46.83 2.53 0.00	39.39 2.09 0.00	38.34 2.03 0.00	38.06 2.05 0.00	37.60 2.13 0.00	38.47 2.21 0.00	38.38 2.31 0.00	39.68 2.35 0.00	43.38 2.72 0.00	50.26 3.20 0.00	53.97 3.20 0.00	65.15 3.69 0.00	65.87 3.79 0.00	45.37 2.53 0.00	42.22 2.39 0.00	37.07 2.00 0.00

E179THST_13_KV_LOAD 356214	33.26 1.94 0.00	32.61 1.64 0.00	31.36 1.72 0.00	31.67 1.59 0.00	30.91 1.42 0.00	33.62 1.45 0.00	43.35 2.26 0.00	51.86 2.80 0.00	47.05 2.75 0.00	39.54 2.24 0.00	38.52 2.21 0.00	38.24 2.23 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.49 3.44 0.00	54.22 3.45 0.00	65.46 4.00 0.00	66.18 4.10 0.00	45.54 2.70 0.00	42.38 2.55 0.00	37.21 2.14 0.00
EAST HAMPTON___GT 23717	47.01 2.03 -13.65	37.74 1.86 -4.92	31.39 1.75 0.00	31.61 1.53 0.00	30.91 1.42 0.00	37.75 1.58 -4.00	47.59 2.55 -3.95	51.81 2.75 0.00	46.74 2.44 0.00	39.58 2.28 0.00	40.17 2.50 -1.37	41.76 2.63 -3.13	39.51 2.77 -1.26	41.94 2.94 -2.74	45.82 2.99 -6.76	46.56 3.06 -6.17	48.37 3.90 -3.82	60.47 4.75 -8.66	72.37 4.41 -17.18	89.14 5.47 -22.21	81.48 5.27 -14.13	52.44 3.55 -6.04	47.97 3.30 -4.84	46.34 2.63 -8.64
EAST RIVER___6 23660	32.92 1.60 0.00	32.33 1.36 0.00	31.00 1.36 0.00	31.34 1.26 0.00	30.58 1.09 0.00	33.49 1.32 0.00	43.27 2.18 0.00	51.76 2.70 0.00	47.05 2.75 0.00	39.61 2.31 0.00	38.59 2.29 0.00	38.31 2.31 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.91 2.57 0.00	43.62 2.97 0.00	50.54 3.48 0.00	54.07 3.30 0.00	65.58 4.12 0.00	66.18 4.10 0.00	45.45 2.61 0.00	42.22 2.39 0.00	36.97 1.89 0.00
EAST RIVER___7 23524	32.92 1.60 0.00	32.33 1.36 0.00	31.00 1.36 0.00	31.34 1.26 0.00	30.58 1.09 0.00	33.49 1.32 0.00	43.27 2.18 0.00	51.76 2.70 0.00	47.05 2.75 0.00	39.61 2.31 0.00	38.59 2.29 0.00	38.31 2.31 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.91 2.57 0.00	43.62 2.97 0.00	50.54 3.48 0.00	54.07 3.30 0.00	65.58 4.12 0.00	66.18 4.10 0.00	45.45 2.61 0.00	42.22 2.39 0.00	36.97 1.89 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.89 1.57 0.00	32.36 1.39 0.00	30.97 1.33 0.00	31.34 1.26 0.00	30.61 1.12 0.00	33.53 1.35 0.00	43.19 2.10 0.00	51.51 2.45 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.10 2.09 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.38 2.31 0.00	39.68 2.35 0.00	43.38 2.72 0.00	50.21 3.15 0.00	54.02 3.25 0.00	65.28 3.81 0.00	66.06 3.97 0.00	45.37 2.53 0.00	42.10 2.27 0.00	36.93 1.86 0.00
EAST_HAMPTON___DIESEL 23722	46.98 2.01 -13.65	37.71 1.83 -4.92	31.36 1.72 0.00	31.58 1.50 0.00	30.88 1.39 0.00	37.72 1.54 -4.00	47.55 2.51 -3.95	51.76 2.70 0.00	46.70 2.39 0.00	39.54 2.24 0.00	40.14 2.47 -1.37	41.73 2.59 -3.13	39.51 2.77 -1.26	41.94 2.94 -2.74	45.82 2.99 -6.76	46.52 3.02 -6.17	48.33 3.86 -3.82	60.43 4.71 -8.66	72.32 4.37 -17.18	89.08 5.41 -22.21	81.43 5.22 -14.13	52.40 3.51 -6.04	47.94 3.27 -4.84	46.31 2.60 -8.64
EAST_POINT___SOLAR 323840	33.42 2.10 0.00	32.95 1.98 0.00	31.54 1.90 0.00	32.06 1.98 0.00	31.41 1.92 0.00	34.43 2.25 0.00	44.13 3.04 0.00	51.86 2.80 0.00	45.46 1.15 0.00	37.78 0.48 0.00	36.52 0.22 0.00	36.33 0.32 0.00	36.01 0.53 0.00	36.70 0.44 0.00	36.90 0.83 0.00	38.42 1.08 0.00	42.16 1.51 0.00	49.41 2.35 0.00	53.77 2.99 0.00	65.52 4.06 0.00	66.49 4.41 0.00	46.09 3.25 0.00	42.74 2.91 0.00	37.42 2.35 0.00
EAST_PULASKI___ESR 323781	30.82 -0.50 0.00	30.47 -0.50 0.00	29.11 -0.53 0.00	29.54 -0.54 0.00	28.99 -0.50 0.00	31.56 -0.61 0.00	40.19 -0.90 0.00	47.98 -1.08 0.00	43.33 -0.97 0.00	36.41 -0.90 0.00	35.47 -0.83 0.00	35.18 -0.83 0.00	34.59 -0.89 0.00	35.39 -0.87 0.00	35.17 -0.90 0.00	36.40 -0.93 0.00	39.56 -1.10 0.00	45.83 -1.22 0.00	49.55 -1.22 0.00	60.11 -1.35 0.00	60.84 -1.24 0.00	41.90 -0.94 0.00	38.99 -0.84 0.00	34.37 -0.70 0.00
EAST_RIVER___1 323558	33.01 1.69 0.00	32.45 1.49 0.00	31.12 1.48 0.00	31.46 1.38 0.00	30.73 1.24 0.00	33.59 1.41 0.00	43.35 2.26 0.00	51.81 2.75 0.00	47.10 2.79 0.00	39.65 2.35 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.94 2.61 0.00	43.66 3.01 0.00	50.54 3.48 0.00	54.12 3.35 0.00	65.65 4.18 0.00	66.31 4.22 0.00	45.54 2.70 0.00	42.30 2.47 0.00	37.07 2.00 0.00
EAST_RIVER___2 323559	32.92 1.60 0.00	32.33 1.36 0.00	31.00 1.36 0.00	31.34 1.26 0.00	30.58 1.09 0.00	33.49 1.32 0.00	43.27 2.18 0.00	51.76 2.70 0.00	47.05 2.75 0.00	39.61 2.31 0.00	38.59 2.29 0.00	38.31 2.31 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.91 2.57 0.00	43.62 2.97 0.00	50.54 3.48 0.00	54.07 3.30 0.00	65.58 4.12 0.00	66.18 4.10 0.00	45.45 2.61 0.00	42.22 2.39 0.00	36.97 1.89 0.00
EAST___DELAWARE_HYD 23607	33.07 1.75 0.00	32.60 1.64 0.00	31.18 1.54 0.00	31.61 1.53 0.00	30.88 1.39 0.00	33.85 1.67 0.00	43.48 2.38 0.00	51.56 2.50 0.00	46.70 2.39 0.00	39.31 2.01 0.00	38.19 1.89 0.00	37.88 1.87 0.00	37.39 1.91 0.00	38.26 1.99 0.00	38.05 1.98 0.00	39.46 2.13 0.00	43.06 2.40 -0.01	49.93 2.87 0.00	53.51 2.74 0.00	65.15 3.69 0.00	65.75 3.66 0.00	45.41 2.57 0.00	42.18 2.35 0.00	36.97 1.89 0.00
EIGHT_POINT___WT_PWR 323820	30.22 -1.10 0.00	29.63 -1.33 0.00	28.25 -1.39 0.00	28.69 -1.38 0.00	28.49 -1.00 0.00	30.89 -1.29 0.00	39.20 -1.89 0.00	47.15 -1.91 0.00	42.80 -1.51 0.00	35.25 -2.05 0.00	34.53 -1.78 0.00	34.06 -1.94 0.00	33.28 -2.20 0.00	34.09 -2.17 0.00	33.53 -2.53 0.01	34.58 -2.72 0.03	37.66 -2.93 0.07	43.87 -3.15 0.03	47.54 -3.20 0.03	57.83 -3.63 0.01	58.76 -3.29 0.03	40.26 -2.57 0.01	37.31 -2.51 0.01	32.69 -2.39 0.00
ELBRIDGE_115KV_TB2 80188	31.04 -0.28 0.00	30.66 -0.31 0.00	29.25 -0.39 0.00	29.69 -0.39 0.00	29.14 -0.35 0.00	31.69 -0.48 0.00	40.44 -0.66 0.00	48.33 -0.74 0.00	43.64 -0.66 0.00	36.70 -0.60 0.00	35.72 -0.58 0.00	35.43 -0.58 0.00	34.87 -0.60 0.00	35.68 -0.58 0.00	35.45 -0.61 0.00	36.69 -0.63 0.00	39.87 -0.77 0.01	46.16 -0.89 0.00	49.80 -0.96 0.00	60.48 -0.98 0.00	61.09 -0.99 0.00	42.15 -0.69 0.00	39.23 -0.60 0.00	34.58 -0.49 0.00
ELEC_TRO_TEK 24086	47.04 2.07 -13.65	37.78 1.89 -4.92	31.42 1.78 0.00	31.76 1.68 0.00	31.08 1.59 0.00	38.04 1.87 -4.00	47.79 2.75 -3.95	51.81 2.75 0.00	47.36 3.06 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.84 2.83 -2.74	45.71 2.89 -6.76	46.50 2.95 -6.22	50.64 3.33 -6.66	66.03 3.86 -15.11	84.65 3.91 -29.97	104.64 4.49 -38.69	91.38 4.66 -24.64	56.47 3.08 -10.54	47.58 2.91 -4.84	46.13 2.42 -8.64
ELLENBURG_WT_PWR 323604	30.79 -0.53 0.00	30.53 -0.43 0.00	29.28 -0.35 0.00	29.78 -0.30 0.00	29.25 -0.24 0.00	32.05 -0.13 0.00	41.13 0.04 0.00	49.26 0.20 0.00	44.57 0.27 0.00	37.56 0.26 0.00	36.52 0.22 0.00	36.15 0.14 0.00	35.62 0.14 0.00	36.41 0.15 0.00	36.18 0.11 0.00	37.44 0.11 0.00	40.86 0.20 0.00	47.29 0.24 0.00	51.18 0.40 0.00	61.84 0.37 0.00	62.33 0.25 0.00	42.88 0.04 0.00	39.75 -0.08 0.00	34.90 -0.17 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.88 -1.44 0.00	29.14 -1.83 0.00	27.77 -1.87 0.00	28.06 -2.02 0.00	27.84 -1.65 0.00	29.44 -2.73 0.00	37.40 -3.70 0.00	45.14 -3.92 0.00	40.81 -3.50 0.00	33.83 -3.47 0.00	33.44 -2.87 0.00	33.05 -2.95 0.00	32.57 -2.91 0.00	33.33 -2.94 0.00	32.74 -3.32 0.01	33.69 -3.62 0.02	36.18 -4.43 0.04	41.91 -5.13 0.02	45.22 -5.53 0.02	55.37 -6.09 0.01	55.73 -6.33 0.02	38.68 -4.16 0.01	36.28 -3.54 0.01	31.99 -3.09 0.00
EMPIRE_CC_1 323656	32.61 1.28 0.00	32.27 1.30 0.00	30.88 1.24 0.00	31.31 1.23 0.00	30.64 1.15 0.00	33.40 1.22 0.00	42.69 1.60 0.00	50.88 1.82 0.00	45.72 1.42 0.00	38.64 1.34 0.00	37.54 1.24 0.00	37.23 1.22 0.00	36.72 1.24 0.00	37.50 1.23 0.00	37.40 1.34 0.00	38.71 1.38 0.00	42.28 1.63 0.00	48.89 1.83 0.00	52.55 1.78 0.00	63.62 2.15 0.00	64.19 2.11 0.00	44.56 1.72 0.00	41.43 1.59 0.00	36.37 1.30 0.00
EMPIRE_CC_2 323658	32.61 1.28 0.00	32.27 1.30 0.00	30.88 1.24 0.00	31.31 1.23 0.00	30.64 1.15 0.00	33.40 1.22 0.00	42.69 1.60 0.00	50.88 1.82 0.00	45.72 1.42 0.00	38.64 1.34 0.00	37.54 1.24 0.00	37.23 1.22 0.00	36.72 1.24 0.00	37.50 1.23 0.00	37.40 1.34 0.00	38.71 1.38 0.00	42.28 1.63 0.00	48.89 1.83 0.00	52.55 1.78 0.00	63.62 2.15 0.00	64.19 2.11 0.00	44.56 1.72 0.00	41.43 1.59 0.00	36.37 1.30 0.00
ENORWICH_115KV_TB1 80156	32.57 1.25 0.00	32.20 1.24 0.00	30.82 1.19 0.00	31.31 1.23 0.00	30.85 1.36 0.00	33.69 1.51 0.00	43.39 2.30 0.00	51.81 2.75 0.00	46.74 2.44 0.00	39.02 1.72 0.00	37.86 1.56 0.00	37.38 1.37 0.00	36.75 1.28 0.00	37.53 1.27 0.00	37.30 1.23 0.00	38.60 1.27 0.00	42.13 1.46 -0.01	49.08 2.02 0.00	53.21 2.44 0.00	64.66 3.20 0.00	65.50 3.41 0.00	44.94 2.10 0.00	41.70 1.87 0.00	36.55 1.47 0.00
ERIE_ST_34_KV_TB1-2 80199	29.82 -1.50 0.00	29.08 -1.89 0.00	27.71 -1.93 0.00	28.00 -2.08 0.00	27.78 -1.71 0.00	29.44 -2.73 0.00	37.52 -3.58 0.00	45.14 -3.92 0.00	40.90 -3.41 0.00	33.87 -3.43 0.00	33.44 -2.87 0.00	33.05 -2.95 0.00	32.60 -2.87 0.00	33.36 -2.90 0.00	32.74 -3.32 0.01	34.02 -3.29 0.02	37.40 -3.21 0.04	43.41 -3.62 0.02	46.74 -4.01 0.02	55.56 -5.90 0.01	56.91 -5.15 0.02	38.85 -3.98 0.01	36.24 -3.58 0.01	31.95 -3.12 0.00
ERIE_WT_PWR 323693	29.98 -1.35 0.00	29.23 -1.73 0.00	27.86 -1.78 0.00	28.15 -1.93 0.00	27.93 -1.56 0.00	30.02 -2.16 0.00	37.60 -3.49 0.00	45.33 -3.73 0.00	41.34 -2.97 0.00	33.98 -3.32 0.00	33.58 -2.72 0.00	33.31 -2.70 0.00	32.71 -2.77 0.00	33.51 -2.76 0.01	32.89 -3.17 0.02	33.84 -3.47 0.04	36.63 -4.61 0.02	42.42 -4.87 0.02	45.88 -5.84 0.02	55.62 -5.84 0.01	56.66 -5.40 0.02	38.89 -3.94 0.01	36.40 -3.43 0.01	32.09 -2.98 0.00
ESPRGFLD_115KV_TB1 80157	32.86 1.53 0.00	32.39 1.42 0.00	30.97 1.33 0.00	31.46 1.38 0.00	30.88 1.39 0.00	33.78 1.61 0.00	43.39 2.30 0.00	51.42 2.35 0.00	46.08 1.77 0.00	38.57 1.27 0.00	37.50 1.20 0.00	37.20 1.19 0.00	36.68 1.21 0.00	37.42 1.16 0.00	37.37 1.30 0.00	38.68 1.34 0.00	42.25 1.59 -0.01	49.22 2.16 0.00	53.36 2.59 0.00	64.79 3.32 0.00	65.62 3.54 0.00	45.33 2.48 0.00	42.02 2.19 0.00	36.83 1.75 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.73 0.41 0.00	31.34 0.37 0.00	29.91 0.27 0.00	30.35 0.27 0.00	29.79 0.29 0.00	32.40 0.23 0.00	41.50 0.41 0.00	49.65 0.59 0.00	44.79 0.49 0.00	37.56 0.26 0.00	36.52 0.22 0.00	36.12 0.11 0.00	35.51 0.04 0.00	36.34 0.07 0.00	36.10 0.04 0.00	37.44 0.11 0.01	40.76 0.12 0.02	47.38 0.33 0.01	51.27 0.51 0.01	62.14 0.68 0.00	62.88 0.81 0.01	43.31 0.47 0.00	40.23 0.40 0.00	35.39 0.32 0.00
ETNA_____115KV_TB2 80207	31.73 0.41 0.00	31.34 0.37 0.00	29.91 0.27 0.00	30.35 0.27 0.00	29.79 0.29 0.00	32.40 0.23 0.00	41.50 0.41 0.00	49.65 0.59 0.00	44.79 0.49 0.00	37.56 0.26 0.00	36.52 0.22 0.00	36.12 0.11 0.00	35.51 0.04 0.00	36.34 0.07 0.00	36.10 0.04 0.00	37.44 0.11 0.01	40.76 0.12 0.02	47.38 0.33 0.01	51.27 0.51 0.01	62.14 0.68 0.00	62.88 0.81 0.01	43.31 0.47 0.00	40.23 0.40 0.00	35.39 0.32 0.00
EUCLID___115KV_TB2 356179	30.88 -0.44 0.00	30.50 -0.46 0.00	29.14 -0.50 0.00	29.56 -0.51 0.00	29.02 -0.47 0.00	31.53 -0.64 0.00	40.19 -0.90 0.00	48.03 -1.03 0.00	43.42 -0.89 0.00	36.52 -0.78 0.00	35.58 -0.73 0.00	35.29 -0.72 0.00	34.77 -0.71 0.00	35.54 -0.73 0.00	35.31 -0.76 0.00	36.55 -0.78 0.00	39.68 -0.98 0.00	45.93 -1.13 0.00	49.55 -1.22 0.00	60.11 -1.35 0.00	60.72 -1.37 0.00	41.90 -0.94 0.00	38.99 -0.84 0.00	34.41 -0.67 0.00
E_CANADA_CAP_HY 24051	33.26 1.94 0.00	32.79 1.83 0.00	31.39 1.75 0.00	31.91 1.83 0.00	31.26 1.77 0.00	34.24 2.06 0.00	43.89 2.80 0.00	51.76 2.70 0.00	45.90 1.59 0.00	38.34 1.04 0.00	37.17 0.87 0.00	36.87 0.86 0.00	36.36 0.89 0.00	37.10 0.83 0.00	37.15 1.08 0.00	38.49 1.16 0.00	42.12 1.46 -0.01	49.27 2.21 0.00	53.51 2.74 0.00	65.15 3.69 0.00	66.12 4.03 0.00	45.84 3.00 0.00	42.54 2.71 0.00	37.25 2.18 0.00
E_CANADA_MHWK_HY 24050	30.91 -0.41 0.00	30.59 -0.37 0.00	29.34 -0.30 0.00	29.78 -0.30 0.00	29.17 -0.32 0.00	31.89 -0.29 0.00	40.81 -0.29 0.00	48.72 -0.34 0.00	44.00 -0.31 0.00	37.08 -0.22 0.00	36.01 -0.29 0.00	35.68 -0.32 0.00	35.09 -0.39 0.00	35.79 -0.47 0.00	35.56 -0.51 0.00	36.55 -0.79 0.00	39.76 -0.89 0.00	45.93 -1.13 0.00	49.45 -1.32 0.00	59.81 -1.66 0.00	60.28 -1.80 0.00	41.69 -1.15 0.00	38.64 -1.19 0.00	33.95 -1.12 0.00
E_FISHKILL___LBMP 23776	32.67 1.35 0.00	32.17 1.21 0.00	30.80 1.16 0.00	31.16 1.08 0.00	30.46 0.97 0.00	33.37 1.19 0.00	42.86 1.77 0.00	51.12 2.06 0.00	46.39 2.08 0.00	39.05 1.75 0.00	38.01 1.71 0.00	37.74 1.73 0.00	37.25 1.77 0.00	38.11 1.85 0.00	37.98 1.91 0.00	39.31 1.98 0.00	42.93 2.28 0.00	49.69 2.64 0.00	53.46 2.69 0.00	64.60 3.13 0.00	65.37 3.29 0.00	44.98 2.14 0.00	41.78 1.95 0.00	36.69 1.61 0.00
FALCON___SEABRD_CC1 323796	31.07 -0.25 0.00	30.84 -0.12 0.00	29.58 -0.06 0.00	30.08 0.00 0.00	29.55 0.06 0.00	32.40 0.23 0.00	41.59 0.49 0.00	49.90 0.83 0.00	45.11 0.80 0.00	38.01 0.71 0.00	36.96 0.65 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.81 0.54 0.00	36.54 0.47 0.00	37.85 0.52 0.00	41.30 0.65 0.00	47.85 0.80 0.00	51.84 1.07 0.00	62.57 1.11 0.00	63.07 0.99 0.00	43.36 0.52 0.00	40.15 0.32 0.00	35.25 0.18 0.00
FALCON___SEABRD_CC2 323797	31.07 -0.25 0.00	30.84 -0.12 0.00	29.58 -0.06 0.00	30.08 0.00 0.00	29.55 0.06 0.00	32.40 0.23 0.00	41.59 0.49 0.00	49.90 0.83 0.00	45.11 0.80 0.00	38.01 0.71 0.00	36.96 0.65 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.81 0.54 0.00	36.54 0.47 0.00	37.85 0.52 0.00	41.30 0.65 0.00	47.85 0.80 0.00	51.84 1.07 0.00	62.57 1.11 0.00	63.07 0.99 0.00	43.36 0.52 0.00	40.15 0.32 0.00	35.25 0.18 0.00

FAR ROCKAWAY___4 23548	47.39 2.41 -13.65	38.12 2.23 -4.92	31.74 2.10 0.00	32.06 1.99 0.00	31.41 1.92 0.00	38.40 2.22 -4.00	48.20 3.16 -3.95	52.35 3.29 0.00	47.76 3.46 0.00	40.14 2.83 0.00	40.76 3.09 -1.37	42.23 3.10 -3.13	39.86 3.12 -1.26	42.20 3.19 -2.74	46.11 3.28 -6.76	46.92 3.36 -6.23	51.31 3.78 -6.88	67.05 4.38 -15.62	86.32 4.57 -30.97	106.79 5.29 -40.04	93.02 5.46 -25.47	57.38 3.64 -10.90	48.05 3.39 -4.84	46.52 2.81 -8.64
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.04 1.72 0.00	32.48 1.52 0.00	31.12 1.48 0.00	31.46 1.38 0.00	30.73 1.24 0.00	33.62 1.45 0.00	43.35 2.26 0.00	51.81 2.75 0.00	47.19 2.88 0.00	39.65 2.35 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.95 2.61 0.00	43.62 2.97 0.00	50.54 3.48 0.00	54.33 3.55 0.00	65.64 4.18 0.00	66.37 4.28 0.00	45.58 2.74 0.00	42.30 2.47 0.00	37.07 2.00 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.04 1.72 0.00	32.48 1.52 0.00	31.12 1.48 0.00	31.46 1.38 0.00	30.73 1.24 0.00	33.62 1.45 0.00	43.35 2.26 0.00	51.81 2.75 0.00	47.19 2.88 0.00	39.61 2.31 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.95 2.61 0.00	43.62 2.97 0.00	50.54 3.48 0.00	54.33 3.55 0.00	65.64 4.18 0.00	66.37 4.28 0.00	45.58 2.74 0.00	42.34 2.51 0.00	37.07 2.00 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.01 1.69 0.00	32.45 1.49 0.00	31.09 1.45 0.00	31.46 1.38 0.00	30.73 1.24 0.00	33.62 1.45 0.00	43.35 2.26 0.00	51.81 2.75 0.00	47.19 2.88 0.00	39.61 2.31 0.00	38.59 2.29 0.00	38.31 2.30 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.91 2.58 0.00	43.62 2.97 0.00	50.54 3.48 0.00	54.33 3.55 0.00	65.58 4.12 0.00	66.37 4.28 0.00	45.54 2.70 0.00	42.30 2.47 0.00	37.07 2.00 0.00
FARRAGUT___LBMP 323566	33.01 1.69 0.00	32.45 1.49 0.00	31.09 1.45 0.00	31.43 1.35 0.00	30.70 1.21 0.00	33.59 1.42 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.10 2.79 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.44 3.39 0.00	54.27 3.50 0.00	65.52 4.06 0.00	66.30 4.22 0.00	45.54 2.70 0.00	42.26 2.43 0.00	37.04 1.96 0.00
FENNER___WINDPWR 24204	31.67 0.35 0.00	31.34 0.37 0.00	29.97 0.33 0.00	30.44 0.36 0.00	29.87 0.38 0.00	32.63 0.45 0.00	41.71 0.62 0.00	49.84 0.78 0.00	45.01 0.71 0.00	37.78 0.48 0.00	36.74 0.44 0.00	36.44 0.43 0.00	35.87 0.39 0.00	36.66 0.40 0.00	36.47 0.40 0.00	37.74 0.41 0.00	41.10 0.45 0.00	47.67 0.61 0.00	51.53 0.76 0.00	62.57 1.11 0.00	63.32 1.24 0.00	43.57 0.73 0.00	40.43 0.60 0.00	35.53 0.45 0.00
FIBERTEK___ENERGY 23856	31.16 -0.16 0.00	30.78 -0.19 0.00	29.40 -0.24 0.00	29.84 -0.24 0.00	29.26 -0.24 0.00	31.82 -0.35 0.00	40.60 -0.49 0.00	48.57 -0.49 0.00	43.86 -0.44 0.00	36.89 -0.41 0.00	35.94 -0.36 0.00	35.65 -0.36 0.00	35.09 -0.39 0.00	35.90 -0.36 0.00	35.63 -0.43 0.00	36.92 -0.41 0.00	40.08 -0.57 0.01	46.39 -0.66 0.00	50.11 -0.66 0.00	60.79 -0.68 0.00	61.40 -0.68 0.00	42.37 -0.47 0.00	39.39 -0.44 0.00	34.76 -0.32 0.00
FITZPATRICK___ 23598	30.48 -0.84 0.00	30.10 -0.87 0.00	28.78 -0.86 0.00	29.20 -0.87 0.00	28.64 -0.86 0.00	31.18 -1.00 0.00	39.65 -1.44 0.00	47.34 -1.72 0.00	42.75 -1.55 0.00	35.96 -1.34 0.00	35.03 -1.27 0.00	34.75 -1.26 0.00	34.23 -1.24 0.00	34.99 -1.27 0.00	34.77 -1.30 0.00	35.99 -1.34 0.00	39.11 -1.54 0.00	45.27 -1.79 0.00	48.89 -1.88 0.00	59.25 -2.21 0.00	59.91 -2.17 0.00	41.30 -1.54 0.00	38.44 -1.40 0.00	33.95 -1.12 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.92 1.60 0.00	32.45 1.49 0.00	31.03 1.39 0.00	31.43 1.35 0.00	30.70 1.21 0.00	33.66 1.48 0.00	43.23 2.14 0.00	51.37 2.31 0.00	46.61 2.30 0.00	39.24 1.94 0.00	38.12 1.82 0.00	37.84 1.84 0.00	37.36 1.88 0.00	38.22 1.96 0.00	38.09 2.02 0.00	39.46 2.13 0.00	43.05 2.40 0.00	49.88 2.82 0.00	53.67 2.89 0.00	64.97 3.50 0.00	65.68 3.60 0.00	45.28 2.44 0.00	42.02 2.19 0.00	36.90 1.82 0.00
FORT ORANGE___ 23900	32.39 1.07 0.00	32.14 1.18 0.00	30.77 1.13 0.00	31.19 1.11 0.00	30.52 1.03 0.00	33.20 1.28 0.00	42.37 1.33 0.00	50.39 1.33 0.00	45.33 1.02 0.00	38.23 0.93 0.00	37.14 0.84 0.00	36.84 0.83 0.00	36.29 0.82 0.00	37.06 0.80 0.00	36.97 0.90 0.00	38.30 0.97 0.00	41.83 1.18 0.00	48.18 1.13 0.00	51.84 1.07 0.00	62.76 1.29 0.00	63.39 1.31 0.00	44.04 1.20 0.00	40.95 1.11 0.00	35.95 0.88 0.00
FORT_DRUM_COGEN 23780	30.88 -0.44 0.00	30.72 -0.25 0.00	29.49 -0.15 0.00	30.11 0.03 0.00	29.76 0.27 0.00	32.56 0.39 0.00	42.04 0.95 0.00	50.34 1.28 0.00	45.10 0.80 0.00	37.53 0.22 0.00	36.48 0.18 0.00	36.15 0.14 0.00	35.58 0.11 0.00	36.34 0.07 0.00	36.21 0.14 0.00	37.52 0.19 0.00	40.70 0.04 0.00	47.53 0.47 0.00	51.84 1.07 0.00	63.74 2.27 0.00	64.94 2.86 0.00	44.38 1.54 0.00	40.87 1.04 0.00	35.60 0.53 0.00
FOX_HILLS___ESR 323835	33.23 1.91 0.00	32.57 1.61 0.00	31.27 1.63 0.00	31.58 1.50 0.00	30.82 1.33 0.00	33.62 1.45 0.00	43.39 2.30 0.00	51.91 2.84 0.00	47.05 2.75 0.00	39.61 2.31 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.59 2.52 0.00	39.94 2.61 0.00	43.71 3.05 0.00	50.68 3.62 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.43 4.34 0.00	45.67 2.83 0.00	42.46 2.63 0.00	37.21 2.14 0.00
FPL_FAR_ROCK_GT1 24212	47.39 2.41 -13.65	38.09 2.20 -4.92	31.74 2.10 0.00	32.06 1.98 0.00	31.41 1.92 0.00	38.37 2.19 -4.00	48.20 3.16 -3.95	52.35 3.29 0.00	47.50 3.19 0.00	40.13 2.83 0.00	40.76 3.08 -1.37	42.23 3.10 -3.13	39.86 3.12 -1.26	42.23 3.23 -2.74	46.11 3.28 -6.76	46.88 3.32 -6.23	51.32 3.78 -6.88	67.05 4.38 -15.62	86.11 4.37 -30.97	106.79 5.29 -40.04	92.89 5.34 -25.47	57.38 3.64 -10.90	48.05 3.38 -4.84	46.52 2.81 -8.64
FPL_FAR_ROCK_GT2 23815	47.39 2.41 -13.65	38.09 2.20 -4.92	31.74 2.10 0.00	32.06 1.98 0.00	31.41 1.92 0.00	38.37 2.19 -4.00	48.20 3.16 -3.95	52.35 3.29 0.00	47.50 3.19 0.00	40.13 2.83 0.00	40.76 3.08 -1.37	42.23 3.10 -3.13	39.86 3.12 -1.26	42.23 3.23 -2.74	46.11 3.28 -6.76	46.88 3.32 -6.23	51.32 3.78 -6.88	67.05 4.38 -15.62	86.11 4.37 -30.97	106.79 5.29 -40.04	92.89 5.34 -25.47	57.38 3.64 -10.90	48.05 3.38 -4.84	46.52 2.81 -8.64
FRANKLIN_FALL_HYD 24054	30.73 -0.60 0.00	30.50 -0.46 0.00	29.25 -0.39 0.00	29.78 -0.30 0.00	29.26 -0.24 0.00	32.05 -0.13 0.00	41.26 0.16 0.00	49.50 0.44 0.00	44.71 0.40 0.00	37.67 0.37 0.00	36.56 0.25 0.00	36.15 0.14 0.00	35.65 0.18 0.00	36.41 0.15 0.00	36.14 0.07 0.00	37.48 0.15 0.00	40.98 0.33 0.00	47.48 0.42 0.00	51.38 0.61 0.00	62.20 0.74 0.00	62.83 0.74 0.00	43.05 0.21 0.00	39.87 0.04 0.00	35.00 -0.07 0.00

FREEPORT_EQUS_GT1 23764	47.26 2.29 -13.65	37.99 2.11 -4.92	31.63 1.99 0.00	31.97 1.90 0.00	31.29 1.80 0.00	38.27 2.09 -4.00	48.08 3.04 -3.95	52.15 3.09 0.00	47.36 3.05 0.00	39.99 2.69 0.00	40.58 2.91 -1.37	42.05 2.92 -3.13	39.68 2.94 -1.26	42.05 3.05 -2.74	45.93 3.10 -6.76	46.70 3.17 -6.19	49.34 3.62 -5.07	62.74 4.19 -11.50	77.69 4.11 -22.81	95.62 5.04 -29.11	85.93 5.09 -18.75	54.29 3.43 -8.02	47.89 3.22 -4.84	46.37 2.66 -8.64
FREEPORT___CT2 23818	47.26 2.29 -13.65	37.99 2.11 -4.92	31.63 1.99 0.00	31.97 1.90 0.00	31.29 1.80 0.00	38.27 2.09 -4.00	48.08 3.04 -3.95	52.15 3.09 0.00	47.36 3.05 0.00	39.99 2.69 0.00	40.58 2.91 -1.37	42.05 2.92 -3.13	39.68 2.94 -1.26	42.05 3.05 -2.74	45.93 3.10 -6.76	46.70 3.17 -6.19	49.34 3.62 -5.07	62.74 4.19 -11.50	77.69 4.11 -22.81	95.62 5.04 -29.11	85.93 5.09 -18.75	54.29 3.43 -8.02	47.89 3.22 -4.84	46.37 2.66 -8.64
FRESHKLS_33_KV_LOAD 356253	33.30 1.97 0.00	32.64 1.67 0.00	31.33 1.69 0.00	31.64 1.56 0.00	30.88 1.39 0.00	33.66 1.48 0.00	43.48 2.38 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.65 2.35 0.00	38.59 2.29 0.00	38.31 2.31 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.77 3.72 0.00	54.38 3.61 0.00	65.95 4.48 0.00	66.61 4.53 0.00	45.75 2.91 0.00	42.54 2.71 0.00	37.28 2.21 0.00
FULTON COGEN____ 23766	30.66 -0.66 0.00	30.28 -0.68 0.00	28.93 -0.71 0.00	29.38 -0.69 0.00	28.81 -0.68 0.00	31.34 -0.84 0.00	39.94 -1.15 0.00	47.74 -1.32 0.00	43.11 -1.20 0.00	36.26 -1.04 0.00	35.32 -0.98 0.00	35.04 -0.97 0.00	34.48 -0.99 0.00	35.25 -1.02 0.00	35.02 -1.05 0.00	36.25 -1.08 0.00	39.39 -1.26 0.00	45.60 -1.46 0.00	49.25 -1.52 0.00	59.74 -1.72 0.00	60.34 -1.74 0.00	41.64 -1.20 0.00	38.76 -1.08 0.00	34.20 -0.88 0.00
FULTON___LFGE 323630	33.17 1.85 0.00	32.70 1.73 0.00	31.30 1.66 0.00	31.79 1.71 0.00	31.14 1.65 0.00	34.14 1.96 0.00	43.73 2.63 0.00	51.51 2.45 0.00	45.63 1.33 0.00	38.09 0.78 0.00	36.85 0.55 0.00	36.51 0.50 0.00	36.01 0.53 0.00	36.77 0.51 0.00	36.86 0.79 0.00	38.27 0.93 0.00	41.96 1.30 0.00	49.08 2.02 0.00	53.36 2.59 0.00	65.03 3.56 0.00	65.93 3.85 0.00	45.67 2.83 0.00	42.38 2.55 0.00	37.11 2.03 0.00
G.F.CEMENT___DRP 24184	33.01 1.69 0.00	32.61 1.64 0.00	31.27 1.63 0.00	31.76 1.68 0.00	30.91 1.42 0.00	33.85 1.67 0.00	43.23 2.14 0.00	51.27 2.21 0.00	45.86 1.55 0.00	38.57 1.27 0.00	37.47 1.16 0.00	37.20 1.19 0.00	36.61 1.14 0.00	37.28 1.02 0.00	37.26 1.19 0.00	38.68 1.34 0.00	42.24 1.59 0.00	49.13 2.07 0.00	53.16 2.39 0.00	64.35 2.89 0.00	65.25 3.17 0.00	45.15 2.31 0.00	41.90 2.07 0.00	36.76 1.68 0.00
GARDENVILLE___LBMP 24039	29.91 -1.41 0.00	29.17 -1.80 0.00	27.80 -1.84 0.00	28.09 -1.99 0.00	27.90 -1.59 0.00	29.50 -2.67 0.00	37.52 -3.58 0.00	45.23 -3.83 0.00	40.94 -3.37 0.00	33.94 -3.36 0.00	33.47 -2.83 0.00	33.13 -2.88 0.00	32.64 -2.84 0.00	33.36 -2.90 0.00	32.78 -3.28 0.01	33.76 -3.55 0.02	36.43 -4.19 0.04	42.19 -4.85 0.02	45.52 -5.23 0.02	55.49 -5.96 0.01	56.04 -6.02 0.02	38.76 -4.07 0.01	36.32 -3.51 0.01	32.02 -3.05 0.00
GARDNVLA_35_KV_LD 355827	30.04 -1.28 0.00	29.29 -1.67 0.00	27.92 -1.72 0.00	28.18 -1.89 0.00	27.99 -1.50 0.00	29.63 -2.54 0.00	37.72 -3.37 0.00	45.48 -3.58 0.00	41.21 -3.10 0.00	34.13 -3.17 0.00	33.73 -2.58 0.00	33.34 -2.66 0.00	32.89 -2.59 0.00	33.62 -2.65 0.00	33.03 -3.03 0.01	34.06 -3.25 0.02	36.75 -3.86 0.04	42.61 -4.42 0.02	45.93 -4.82 0.02	55.86 -5.59 0.01	56.41 -5.65 0.02	38.98 -3.86 0.01	36.52 -3.31 0.01	32.20 -2.88 0.00
GELCKHM___115KV_LOAD 80723	30.98 -0.34 0.00	30.59 -0.37 0.00	29.22 -0.41 0.00	29.66 -0.42 0.00	29.11 -0.38 0.00	31.63 -0.55 0.00	40.35 -0.74 0.00	48.23 -0.83 0.00	43.55 -0.75 0.00	36.67 -0.63 0.00	35.72 -0.58 0.00	35.43 -0.58 0.00	34.87 -0.60 0.00	35.68 -0.58 0.00	35.42 -0.65 0.00	36.66 -0.67 0.00	39.84 -0.81 0.01	46.11 -0.94 0.00	49.75 -1.02 0.00	60.36 -1.11 0.00	60.96 -1.12 0.00	42.07 -0.77 0.00	39.15 -0.68 0.00	34.51 -0.56 0.00
GENERAL___MILLS 23808	29.94 -1.38 0.00	29.23 -1.73 0.00	27.83 -1.81 0.00	28.12 -1.95 0.00	27.93 -1.56 0.00	29.54 -2.64 0.00	37.56 -3.53 0.00	45.28 -3.78 0.00	40.98 -3.32 0.00	33.98 -3.32 0.00	33.54 -2.76 0.00	33.16 -2.84 0.00	32.71 -2.77 0.00	33.43 -2.83 0.00	32.85 -3.21 0.01	33.88 -3.43 0.02	36.63 -3.98 0.04	42.42 -4.61 0.02	45.77 -4.98 0.02	55.62 -5.84 0.01	56.22 -5.84 0.02	38.85 -3.98 0.01	36.40 -3.43 0.01	32.09 -2.98 0.00
GE_PLASTICS___DRP 24183	32.20 0.88 0.00	31.89 0.93 0.00	30.53 0.89 0.00	30.98 0.90 0.00	30.32 0.83 0.00	33.14 0.97 0.00	42.16 1.07 0.00	50.19 1.13 0.00	45.24 0.93 0.00	38.16 0.86 0.00	37.10 0.80 0.00	36.84 0.83 0.00	36.29 0.82 0.00	37.06 0.80 0.00	36.97 0.90 0.00	38.27 0.93 0.00	41.75 1.10 0.00	48.19 1.13 0.00	51.99 1.22 0.00	62.69 1.23 0.00	63.39 1.30 0.00	43.91 1.07 0.00	40.83 1.00 0.00	35.88 0.81 0.00
GILBOA___1 23756	32.17 0.85 0.00	31.77 0.80 0.00	30.41 0.77 0.00	30.83 0.75 0.00	30.17 0.68 0.00	32.95 0.77 0.00	42.20 1.11 0.00	50.29 1.23 0.00	45.46 1.15 0.00	38.27 0.97 0.00	37.25 0.94 0.00	36.98 0.97 0.00	36.47 0.99 0.00	37.28 1.01 0.00	37.12 1.05 0.00	38.42 1.08 0.00	41.92 1.26 -0.01	48.52 1.46 0.00	52.09 1.32 0.00	63.00 1.54 0.00	63.64 1.55 0.00	44.08 1.24 0.00	40.99 1.16 0.00	36.02 0.95 0.00
GILBOA___2 23757	32.17 0.85 0.00	31.77 0.80 0.00	30.41 0.77 0.00	30.83 0.75 0.00	30.17 0.68 0.00	32.95 0.77 0.00	42.20 1.11 0.00	50.29 1.23 0.00	45.46 1.15 0.00	38.27 0.97 0.00	37.25 0.94 0.00	36.98 0.97 0.00	36.47 0.99 0.00	37.28 1.01 0.00	37.12 1.05 0.00	38.42 1.08 0.00	41.92 1.26 -0.01	48.52 1.46 0.00	52.09 1.32 0.00	63.00 1.54 0.00	63.64 1.55 0.00	44.08 1.24 0.00	40.99 1.16 0.00	36.02 0.95 0.00
GILBOA___3 23758	32.17 0.85 0.00	31.77 0.80 0.00	30.41 0.77 0.00	30.83 0.75 0.00	30.17 0.68 0.00	32.95 0.77 0.00	42.20 1.11 0.00	50.29 1.23 0.00	45.46 1.15 0.00	38.27 0.97 0.00	37.25 0.94 0.00	36.98 0.97 0.00	36.47 0.99 0.00	37.28 1.01 0.00	37.12 1.05 0.00	38.42 1.08 0.00	41.92 1.26 -0.01	48.52 1.46 0.00	52.09 1.32 0.00	63.00 1.54 0.00	63.64 1.55 0.00	44.08 1.24 0.00	40.99 1.16 0.00	36.02 0.95 0.00
GILBOA___4 23759	32.17 0.85 0.00	31.77 0.80 0.00	30.41 0.77 0.00	30.83 0.75 0.00	30.17 0.68 0.00	32.95 0.77 0.00	42.20 1.11 0.00	50.29 1.23 0.00	45.46 1.15 0.00	38.27 0.97 0.00	37.25 0.94 0.00	36.98 0.97 0.00	36.47 0.99 0.00	37.28 1.01 0.00	37.12 1.05 0.00	38.42 1.08 0.00	41.92 1.26 -0.01	48.52 1.46 0.00	52.09 1.32 0.00	63.00 1.54 0.00	63.64 1.55 0.00	44.08 1.24 0.00	40.99 1.16 0.00	36.02 0.95 0.00

GILBOA____ 23599	32.17 0.85 0.00	31.77 0.81 0.00	30.41 0.77 0.00	30.83 0.75 0.00	30.17 0.68 0.00	32.98 0.80 0.00	42.20 1.11 0.00	50.29 1.23 0.00	45.46 1.15 0.00	38.27 0.97 0.00	37.25 0.94 0.00	36.98 0.97 0.00	36.47 0.99 0.00	37.28 1.02 0.00	37.12 1.05 0.00	38.42 1.08 0.00	41.92 1.26 -0.01	48.52 1.46 0.00	52.30 1.52 0.00	63.00 1.54 0.00	63.70 1.61 0.00	44.08 1.24 0.00	40.99 1.16 0.00	36.02 0.95 0.00
GINNA____ 23603	29.29 -2.04 0.00	28.80 -2.17 0.00	27.50 -2.13 0.00	27.88 -2.19 0.00	27.43 -2.07 0.00	29.96 -2.22 0.00	38.05 -3.04 0.00	45.82 -3.24 0.00	41.47 -2.84 0.00	34.69 -2.61 0.00	33.91 -2.40 0.00	33.70 -2.31 0.00	33.13 -2.34 0.00	33.94 -2.32 0.00	33.50 -2.56 0.00	34.63 -2.69 0.01	37.14 -3.50 0.02	43.00 -4.05 0.01	46.95 -3.81 0.01	56.79 -4.67 0.01	57.72 -4.35 0.01	39.58 -3.26 0.00	36.92 -2.91 0.00	32.44 -2.63 0.00
GLEN PARK____ 23778	30.98 -0.34 0.00	30.81 -0.15 0.00	29.55 -0.09 0.00	30.20 0.12 0.00	29.85 0.36 0.00	32.69 0.51 0.00	42.16 1.07 0.00	50.49 1.42 0.00	45.19 0.89 0.00	37.56 0.26 0.00	36.52 0.22 0.00	36.19 0.18 0.00	35.62 0.14 0.00	36.37 0.11 0.00	36.25 0.18 0.00	37.56 0.23 0.00	40.78 0.12 0.00	47.62 0.57 0.00	52.04 1.27 0.00	63.99 2.52 0.00	65.25 3.16 0.00	44.56 1.72 0.00	41.03 1.19 0.00	35.70 0.63 0.00
GLENDALE_27_KV_LOAD 356172	33.20 1.88 0.00	32.57 1.61 0.00	31.27 1.63 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.69 1.51 0.00	43.44 2.34 0.00	51.96 2.89 0.00	47.28 2.97 0.00	39.73 2.42 0.00	38.70 2.40 0.00	38.42 2.41 0.00	37.92 2.45 0.00	38.80 2.54 0.00	38.70 2.63 0.00	40.02 2.69 0.00	43.74 3.09 0.00	50.68 3.62 0.00	54.48 3.71 0.00	65.77 4.30 0.00	66.49 4.41 0.00	45.67 2.83 0.00	42.42 2.59 0.00	37.18 2.10 0.00
GLENWOOD_IC_1_G5 23712	47.01 2.04 -13.65	37.74 1.86 -4.92	31.42 1.78 0.00	31.73 1.65 0.00	31.05 1.56 0.00	38.01 1.83 -4.00	47.75 2.71 -3.95	52.01 2.94 0.00	47.41 3.10 0.00	39.84 2.54 0.00	40.32 2.65 -1.37	41.84 2.70 -3.13	39.47 2.73 -1.26	41.84 2.83 -2.74	45.71 2.89 -6.76	46.49 2.95 -6.21	50.17 3.37 -6.14	64.90 3.91 -13.94	82.42 4.01 -27.64	101.77 4.67 -35.64	89.59 4.78 -22.73	55.69 3.13 -9.72	47.58 2.91 -4.84	46.09 2.38 -8.64
GLENWOOD_IC_2_G1 23688	46.79 1.82 -13.65	37.53 1.64 -4.92	31.21 1.57 0.00	31.55 1.47 0.00	30.85 1.36 0.00	37.75 1.58 -4.00	47.46 2.42 -3.95	51.76 2.70 0.00	47.01 2.70 0.00	39.61 2.31 0.00	40.07 2.40 -1.37	41.55 2.41 -3.13	39.18 2.45 -1.26	41.55 2.54 -2.74	45.46 2.63 -6.76	46.09 2.65 -6.11	43.99 3.05 -0.28	51.23 3.53 -0.64	55.50 3.45 -1.27	67.35 4.24 -1.64	67.41 4.28 -1.05	46.11 2.83 -0.45	47.30 2.63 -4.84	45.85 2.14 -8.64
GLENWOOD_IC_3_G1 23689	46.79 1.82 -13.65	37.53 1.64 -4.92	31.21 1.57 0.00	31.55 1.47 0.00	30.85 1.36 0.00	37.75 1.58 -4.00	47.46 2.42 -3.95	51.76 2.70 0.00	47.01 2.70 0.00	39.61 2.31 0.00	40.07 2.40 -1.37	41.55 2.41 -3.13	39.18 2.45 -1.26	41.55 2.54 -2.74	45.46 2.63 -6.76	46.09 2.65 -6.11	43.99 3.05 -0.28	51.23 3.53 -0.64	55.50 3.45 -1.27	67.35 4.24 -1.64	67.41 4.28 -1.05	46.11 2.83 -0.45	47.30 2.63 -4.84	45.85 2.14 -8.64
GLENWOOD___4 23550	47.01 2.04 -13.65	37.74 1.86 -4.92	31.42 1.78 0.00	31.73 1.65 0.00	31.05 1.56 0.00	38.01 1.83 -4.00	47.75 2.71 -3.95	52.01 2.94 0.00	47.41 3.10 0.00	39.84 2.54 0.00	40.32 2.65 -1.37	41.84 2.70 -3.13	39.47 2.73 -1.26	41.84 2.83 -2.74	45.71 2.89 -6.76	46.49 2.95 -6.21	50.17 3.37 -6.14	64.90 3.91 -13.94	82.42 4.01 -27.64	101.77 4.67 -35.64	89.59 4.78 -22.73	55.69 3.13 -9.72	47.58 2.91 -4.84	46.09 2.38 -8.64
GLENWOOD___5 23614	47.01 2.04 -13.65	37.74 1.86 -4.92	31.42 1.78 0.00	31.73 1.65 0.00	31.05 1.56 0.00	38.01 1.83 -4.00	47.75 2.71 -3.95	52.01 2.94 0.00	47.41 3.10 0.00	39.84 2.54 0.00	40.32 2.65 -1.37	41.84 2.70 -3.13	39.47 2.73 -1.26	41.84 2.83 -2.74	45.71 2.89 -6.76	46.49 2.95 -6.21	50.17 3.37 -6.14	64.90 3.91 -13.94	82.42 4.01 -27.64	101.77 4.67 -35.64	89.59 4.78 -22.73	55.69 3.13 -9.72	47.58 2.91 -4.84	46.09 2.38 -8.64
GLOBAL GREEN_PORT_GT1 23814	47.26 2.29 -13.65	37.99 2.11 -4.92	31.63 1.99 0.00	31.88 1.80 0.00	31.17 1.68 0.00	38.04 1.87 -4.00	47.96 2.92 -3.95	52.15 3.09 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.87 2.74 -3.13	39.61 2.87 -1.26	42.02 3.01 -2.74	45.93 3.10 -6.76	46.67 3.17 -6.17	48.54 4.07 -3.82	60.66 4.94 -8.67	72.57 4.62 -17.18	89.39 5.72 -22.21	81.80 5.59 -14.13	52.70 3.81 -6.04	48.25 3.59 -4.84	46.55 2.84 -8.64
GLOBE___DSASP 323697	29.13 -2.19 0.00	28.39 -2.57 0.00	27.03 -2.61 0.00	27.31 -2.77 0.00	27.10 -2.39 0.00	28.60 -3.57 0.00	36.16 -4.93 0.00	43.71 -5.35 0.00	39.52 -4.79 0.00	32.79 -4.51 0.00	32.42 -3.88 0.00	32.05 -3.96 0.00	31.64 -3.83 0.00	32.35 -3.92 0.00	31.81 -4.26 0.01	32.53 -4.78 0.02	34.69 -5.89 0.07	39.88 -7.15 0.02	43.04 -7.72 0.02	53.59 -7.87 0.01	53.37 -8.69 0.02	37.43 -5.40 0.01	35.32 -4.50 0.01	31.18 -3.89 0.00
GOETHSLN___LBMP 323567	32.92 1.60 0.00	32.36 1.39 0.00	31.00 1.36 0.00	31.34 1.26 0.00	30.61 1.12 0.00	33.53 1.35 0.00	43.19 2.10 0.00	51.61 2.55 0.00	47.01 2.70 0.00	39.50 2.20 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.71 2.23 0.00	38.58 2.32 0.00	38.49 2.42 0.00	39.80 2.46 0.00	43.50 2.85 0.00	50.35 3.29 0.00	54.12 3.35 0.00	65.34 3.87 0.00	66.12 4.04 0.00	45.41 2.57 0.00	42.18 2.35 0.00	36.97 1.89 0.00
GOLAH___69_KV_TB_1_2 80279	30.73 -0.60 0.00	30.16 -0.81 0.00	28.78 -0.86 0.00	29.14 -0.93 0.00	28.75 -0.74 0.00	31.02 -1.16 0.00	39.57 -1.52 0.00	47.64 -1.42 0.00	42.89 -1.42 0.00	35.77 -1.53 0.00	35.00 -1.31 0.00	34.71 -1.30 0.00	34.16 -1.31 0.00	34.96 -1.31 0.00	34.48 -1.59 0.00	35.53 -1.79 0.01	37.99 -2.64 0.03	44.13 -2.92 0.01	47.66 -3.10 0.01	58.69 -2.77 0.00	58.97 -3.10 0.01	40.95 -1.88 0.00	38.31 -1.51 0.00	33.74 -1.33 0.00
GOODYEAR_LAKE_HYD 323669	32.45 1.13 0.00	32.02 1.05 0.00	30.65 1.01 0.00	31.07 0.99 0.00	30.49 1.00 0.00	33.33 1.16 0.00	42.78 1.68 0.00	50.93 1.86 0.00	45.95 1.64 0.00	38.61 1.31 0.00	37.57 1.27 0.00	37.27 1.26 0.00	36.75 1.28 0.00	37.57 1.31 0.00	37.41 1.33 0.00	38.72 1.38 0.00	42.21 1.54 -0.01	48.99 1.93 -0.01	52.91 2.13 -0.01	64.05 2.58 0.00	64.82 2.73 -0.01	44.68 1.84 0.00	41.43 1.59 0.00	36.37 1.30 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.54 0.22 0.00	31.12 0.15 0.00	29.70 0.06 0.00	30.14 0.06 0.00	29.58 0.09 0.00	32.18 0.00 0.00	41.18 0.08 0.00	49.21 0.15 0.00	44.48 0.18 0.00	37.34 0.04 0.00	36.41 0.11 0.00	36.08 0.07 0.00	35.51 0.04 0.00	36.34 0.07 0.00	36.11 0.04 -0.01	37.39 0.04 -0.02	40.79 0.08 -0.05	47.17 0.09 -0.02	50.95 0.15 -0.02	61.60 0.12 -0.01	62.35 0.25 -0.02	42.93 0.09 -0.01	39.92 0.08 -0.01	35.11 0.04 0.00

GOWANUS_GT4_5 24134	33.26 1.94 0.00	32.61 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.69 1.51 0.00	43.44 2.34 0.00	51.96 2.89 0.00	47.23 2.92 0.00	39.69 2.39 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	40.02 2.69 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.53 3.76 0.00	65.83 4.36 0.00	66.55 4.47 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.17 0.00
GOWANUS_GT4_6 24135	33.26 1.94 0.00	32.61 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.69 1.51 0.00	43.44 2.34 0.00	51.96 2.89 0.00	47.23 2.92 0.00	39.69 2.39 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	40.02 2.69 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.53 3.76 0.00	65.83 4.36 0.00	66.55 4.47 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.17 0.00
GOWANUS_GT4_7 24136	33.26 1.94 0.00	32.61 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.69 1.51 0.00	43.44 2.34 0.00	51.96 2.89 0.00	47.23 2.92 0.00	39.69 2.39 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	40.02 2.69 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.53 3.76 0.00	65.83 4.36 0.00	66.55 4.47 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.17 0.00
GOWANUS_GT4_8 24137	33.26 1.94 0.00	32.61 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.69 1.51 0.00	43.44 2.34 0.00	51.96 2.89 0.00	47.23 2.92 0.00	39.69 2.39 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	40.02 2.69 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.53 3.76 0.00	65.83 4.36 0.00	66.55 4.47 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.17 0.00
GREATVR_69_KV_BK1 356245	47.61 2.63 -13.65	38.30 2.42 -4.92	31.89 2.25 0.00	32.21 2.14 0.00	31.59 2.09 0.00	38.56 2.38 -4.00	48.53 3.49 -3.95	52.55 3.48 0.00	47.98 3.68 0.00	40.14 2.83 0.00	40.76 3.09 -1.37	42.23 3.10 -3.13	39.82 3.09 -1.26	42.23 3.23 -2.74	46.15 3.32 -6.76	46.94 3.43 -6.17	48.70 4.11 -3.94	60.86 4.85 -8.95	73.50 4.98 -17.76	90.29 5.90 -22.92	82.77 6.08 -14.60	53.11 4.03 -6.25	48.41 3.74 -4.84	46.80 3.09 -8.64
GREENBSH_115KV_TB3 55895	32.26 0.94 0.00	32.05 1.08 0.00	30.68 1.04 0.00	31.10 1.02 0.00	30.44 0.94 0.00	33.30 1.13 0.00	42.20 1.11 0.00	50.24 1.18 0.00	45.24 0.93 0.00	38.16 0.86 0.00	37.10 0.80 0.00	36.84 0.83 0.00	36.29 0.82 0.00	37.06 0.80 0.00	36.97 0.90 0.00	38.30 0.97 0.00	41.79 1.14 0.00	48.09 1.04 0.00	51.89 1.12 0.00	62.51 1.04 0.00	63.26 1.18 0.00	43.87 1.03 0.00	40.79 0.96 0.00	35.84 0.77 0.00
GREENDGE_115KV_TB5 80291	30.88 -0.44 0.00	30.35 -0.62 0.00	28.90 -0.74 0.00	29.32 -0.75 0.00	28.93 -0.56 0.00	31.24 -0.93 0.00	40.07 -1.03 0.00	48.08 -0.98 0.00	43.38 -0.93 0.00	36.14 -1.16 0.00	35.29 -1.02 0.00	34.89 -1.12 0.00	34.23 -1.24 0.00	35.07 -1.20 0.00	34.65 -1.41 0.01	35.85 -1.46 0.03	39.01 -1.59 0.06	45.38 -1.65 0.03	49.22 -1.52 0.03	59.30 -2.15 0.01	60.07 -1.99 0.03	41.54 -1.29 0.01	38.59 -1.23 0.01	33.92 -1.16 0.00
GREENIDGE__3 23582	30.88 -0.44 0.00	30.35 -0.62 0.00	28.90 -0.74 0.00	29.32 -0.75 0.00	28.93 -0.56 0.00	31.24 -0.93 0.00	40.07 -1.03 0.00	48.08 -0.98 0.00	43.38 -0.93 0.00	36.14 -1.16 0.00	35.29 -1.02 0.00	34.89 -1.12 0.00	34.23 -1.24 0.00	35.07 -1.20 0.00	34.65 -1.41 0.01	35.85 -1.46 0.03	39.01 -1.59 0.06	45.38 -1.65 0.03	49.22 -1.52 0.03	59.30 -2.15 0.01	60.07 -1.99 0.03	41.54 -1.29 0.01	38.59 -1.23 0.01	33.92 -1.16 0.00
GREENIDGE__4 23583	30.88 -0.44 0.00	30.35 -0.62 0.00	28.90 -0.74 0.00	29.33 -0.75 0.00	28.93 -0.56 0.00	31.44 -0.74 0.00	40.07 -1.03 0.00	48.08 -0.98 0.00	43.51 -0.80 0.00	36.14 -1.16 0.00	35.29 -1.02 0.00	34.93 -1.08 0.00	34.23 -1.24 0.00	35.07 -1.20 0.00	34.65 -1.41 0.01	35.85 -1.46 0.03	39.01 -1.59 0.06	45.38 -1.65 0.03	49.17 -1.57 0.03	59.30 -2.15 0.01	60.19 -1.86 0.03	41.54 -1.28 0.01	38.63 -1.19 0.01	33.92 -1.16 0.00
GREENLWN_69_KV_BK 3 55738	46.98 2.00 -13.65	37.71 1.83 -4.92	31.36 1.72 0.00	31.67 1.59 0.00	31.03 1.53 0.00	37.98 1.80 -4.00	47.71 2.67 -3.95	51.32 2.26 0.00	47.23 2.92 0.00	39.65 2.35 0.00	40.25 2.58 -1.37	41.73 2.59 -3.13	39.36 2.63 -1.26	41.73 2.72 -2.74	45.64 2.81 -6.76	46.30 2.80 -6.17	47.63 3.05 -3.93	59.36 3.39 -8.92	71.81 3.35 -17.68	88.20 3.87 -22.86	80.66 4.04 -14.54	51.72 2.66 -6.22	47.30 2.63 -4.84	45.99 2.28 -8.64
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.26 1.94 0.00	32.61 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.69 1.51 0.00	43.44 2.34 0.00	51.96 2.89 0.00	47.23 2.92 0.00	39.69 2.39 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	40.02 2.69 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.53 3.76 0.00	65.83 4.36 0.00	66.55 4.47 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.17 0.00
GRISSOM__SOLAR 323813	33.04 1.72 0.00	32.60 1.64 0.00	31.21 1.57 0.00	31.70 1.62 0.00	31.02 1.53 0.00	33.98 1.80 0.00	43.52 2.42 0.00	51.27 2.21 0.00	45.46 1.15 0.00	37.97 0.67 0.00	36.74 0.44 0.00	36.37 0.36 0.00	35.87 0.39 0.00	36.63 0.36 0.00	36.72 0.65 0.00	38.15 0.82 0.00	41.79 1.14 0.00	48.89 1.83 0.00	53.16 2.39 0.00	64.78 3.32 0.00	65.62 3.54 0.00	45.45 2.61 0.00	42.22 2.39 0.00	36.97 1.89 0.00
GROVEVILLE__HYD 323602	32.92 1.60 0.00	32.45 1.49 0.00	31.03 1.39 0.00	31.43 1.35 0.00	30.70 1.21 0.00	33.66 1.48 0.00	43.23 2.14 0.00	51.37 2.31 0.00	46.61 2.30 0.00	39.24 1.94 0.00	38.12 1.82 0.00	37.84 1.84 0.00	37.36 1.88 0.00	38.22 1.96 0.00	38.09 2.02 0.00	39.46 2.13 0.00	43.05 2.40 0.00	49.88 2.82 0.00	53.67 2.89 0.00	64.97 3.50 0.00	65.68 3.60 0.00	45.28 2.44 0.00	42.02 2.19 0.00	36.90 1.82 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.16 -0.16 0.00	30.78 -0.19 0.00	29.40 -0.24 0.00	29.84 -0.24 0.00	29.26 -0.24 0.00	31.82 -0.35 0.00	40.60 -0.49 0.00	48.57 -0.49 0.00	43.86 -0.44 0.00	36.89 -0.41 0.00	35.94 -0.36 0.00	35.65 -0.36 0.00	35.09 -0.39 0.00	35.90 -0.36 0.00	35.63 -0.43 0.00	36.92 -0.41 0.00	40.08 -0.57 0.01	46.39 -0.66 0.00	50.11 -0.66 0.00	60.79 -0.68 0.00	61.40 -0.68 0.00	42.37 -0.47 0.00	39.39 -0.44 0.00	34.76 -0.32 0.00
HAMLTNNY_34_KV_TB 80303	31.20 -0.13 0.00	30.81 -0.15 0.00	29.40 -0.24 0.00	29.87 -0.21 0.00	29.29 -0.21 0.00	31.85 -0.32 0.00	40.68 -0.41 0.00	48.67 -0.39 0.00	43.95 -0.35 0.00	36.93 -0.37 0.00	35.98 -0.33 0.00	35.68 -0.32 0.00	35.09 -0.39 0.00	35.94 -0.33 0.00	35.67 -0.40 0.00	36.92 -0.41 0.00	40.08 -0.57 0.01	46.39 -0.66 0.00	50.11 -0.66 0.00	60.85 -0.61 0.00	61.46 -0.62 0.00	42.41 -0.43 0.00	39.47 -0.36 0.00	34.76 -0.32 0.00

HAMPSHIRE___PAPER_HYD 323593	30.01 -1.31 0.00	29.85 -1.11 0.00	28.66 -0.98 0.00	29.23 -0.84 0.00	28.78 -0.71 0.00	31.56 -0.61 0.00	40.60 -0.49 0.00	48.67 -0.39 0.00	43.78 -0.53 0.00	36.67 -0.63 0.00	35.58 -0.73 0.00	35.22 -0.79 0.00	34.77 -0.71 0.00	35.50 -0.76 0.00	35.31 -0.76 0.00	36.59 -0.75 0.00	39.84 -0.81 0.00	46.35 -0.70 0.00	50.36 -0.41 0.00	61.28 -0.18 0.00	62.08 0.00 0.00	42.58 -0.26 0.00	39.39 -0.44 0.00	34.51 -0.56 0.00
HARDSCRABBLE_WT_PWR 323673	30.98 -0.34 0.00	30.66 -0.31 0.00	29.40 -0.24 0.00	29.83 -0.24 0.00	29.23 -0.27 0.00	31.95 -0.22 0.00	40.85 -0.25 0.00	48.82 -0.24 0.00	44.09 -0.22 0.00	37.15 -0.15 0.00	36.09 -0.22 0.00	35.76 -0.25 0.00	35.19 -0.29 0.00	35.86 -0.40 0.00	35.64 -0.43 0.00	36.66 -0.67 0.00	39.88 -0.77 0.00	46.11 -0.94 0.00	49.61 -1.17 0.00	59.99 -1.48 0.00	60.47 -1.61 0.00	41.77 -1.07 0.00	38.67 -1.16 0.00	34.02 -1.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.79 1.47 0.00	32.30 1.33 0.00	30.91 1.27 0.00	31.28 1.20 0.00	30.55 1.06 0.00	33.49 1.32 0.00	43.07 1.97 0.00	51.22 2.16 0.00	46.52 2.22 0.00	39.17 1.87 0.00	38.08 1.78 0.00	37.81 1.80 0.00	37.32 1.84 0.00	38.18 1.92 0.00	38.05 1.98 0.00	39.39 2.05 0.00	42.98 2.32 -0.01	49.79 2.73 0.00	53.62 2.84 0.00	64.91 3.44 0.00	65.62 3.54 0.00	45.15 2.31 0.00	41.90 2.07 0.00	36.76 1.68 0.00
HARSNRAD_115KV_TB1 81005	29.79 -1.53 0.00	29.11 -1.86 0.00	27.71 -1.93 0.00	28.00 -2.08 0.00	27.78 -1.71 0.00	29.22 -2.96 0.00	37.07 -4.03 0.00	44.79 -4.27 0.00	40.45 -3.85 0.00	33.53 -3.77 0.00	33.11 -3.19 0.00	32.77 -3.24 0.00	32.32 -3.16 0.00	33.07 -3.19 0.00	32.46 -3.61 0.01	33.32 -3.99 0.02	35.50 -5.12 0.03	41.11 -5.93 0.02	44.36 -6.40 0.02	54.88 -6.58 0.01	54.92 -7.14 0.02	38.33 -4.50 0.01	36.08 -3.74 0.01	31.81 -3.26 0.00
HARZA MOOSE___RIVER 24016	31.01 -0.31 0.00	30.81 -0.15 0.00	29.55 -0.09 0.00	30.17 0.09 0.00	29.73 0.24 0.00	32.53 0.35 0.00	41.83 0.74 0.00	50.14 1.08 0.00	45.15 0.84 0.00	37.75 0.45 0.00	36.70 0.40 0.00	36.37 0.36 0.00	35.83 0.35 0.00	36.59 0.33 0.00	36.43 0.36 0.00	37.74 0.41 0.00	41.06 0.41 0.00	47.76 0.71 0.00	51.79 1.02 0.00	63.19 1.72 0.00	64.07 1.99 0.00	43.95 1.11 0.00	40.63 0.80 0.00	35.56 0.49 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.01 -0.31 0.00	30.62 -0.34 0.00	29.25 -0.39 0.00	29.69 -0.39 0.00	29.14 -0.35 0.00	31.66 -0.51 0.00	40.39 -0.70 0.00	48.28 -0.78 0.00	43.64 -0.66 0.00	36.70 -0.60 0.00	35.76 -0.54 0.00	35.50 -0.50 0.00	34.94 -0.53 0.00	35.75 -0.51 0.00	35.49 -0.58 0.00	36.73 -0.60 0.00	39.88 -0.77 0.00	46.16 -0.89 0.00	49.81 -0.96 0.00	60.42 -1.04 0.00	61.03 -1.06 0.00	42.11 -0.73 0.00	39.19 -0.64 0.00	34.55 -0.53 0.00
HELLGATE_13_KV_LD 55870	33.23 1.91 0.00	32.61 1.64 0.00	31.33 1.69 0.00	31.64 1.56 0.00	30.88 1.39 0.00	33.69 1.51 0.00	43.44 2.34 0.00	51.96 2.89 0.00	47.28 2.97 0.00	39.73 2.42 0.00	38.70 2.40 0.00	38.42 2.41 0.00	37.92 2.45 0.00	38.80 2.54 0.00	38.70 2.63 0.00	40.02 2.69 0.00	43.74 3.09 0.00	50.68 3.62 0.00	54.48 3.71 0.00	65.71 4.24 0.00	66.49 4.41 0.00	45.67 2.83 0.00	42.46 2.63 0.00	37.21 2.14 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.23 1.91 0.00	32.61 1.64 0.00	31.33 1.69 0.00	31.64 1.56 0.00	30.88 1.39 0.00	33.69 1.51 0.00	43.44 2.34 0.00	51.96 2.89 0.00	47.28 2.97 0.00	39.73 2.42 0.00	38.70 2.40 0.00	38.42 2.41 0.00	37.92 2.45 0.00	38.80 2.54 0.00	38.70 2.63 0.00	40.02 2.69 0.00	43.74 3.09 0.00	50.68 3.62 0.00	54.48 3.71 0.00	65.71 4.24 0.00	66.49 4.41 0.00	45.67 2.83 0.00	42.46 2.63 0.00	37.21 2.14 0.00
HEMPSTEAD___ 23647	47.13 2.16 -13.65	37.84 1.95 -4.92	31.51 1.87 0.00	31.85 1.77 0.00	31.17 1.68 0.00	38.11 1.93 -4.00	47.92 2.88 -3.95	52.01 2.94 0.00	47.28 2.97 0.00	39.87 2.57 0.00	40.43 2.76 -1.37	41.91 2.77 -3.13	39.58 2.84 -1.26	41.94 2.94 -2.74	45.82 2.99 -6.76	46.59 3.06 -6.20	49.60 3.45 -5.49	63.52 4.00 -12.46	79.40 3.91 -24.71	97.98 4.73 -31.78	87.25 4.85 -20.32	54.75 3.21 -8.69	47.69 3.03 -4.84	46.20 2.49 -8.64
HICKLING___1 23621	30.44 -0.88 0.00	29.82 -1.15 0.00	28.36 -1.27 0.00	28.72 -1.35 0.00	28.46 -1.03 0.00	30.53 -1.64 0.00	39.12 -1.97 0.00	46.95 -2.11 0.00	42.40 -1.91 0.00	35.29 -2.01 0.00	34.60 -1.71 0.00	34.21 -1.80 0.00	33.56 -1.92 0.00	34.34 -1.92 0.00	33.85 -2.20 0.02	35.05 -2.24 0.05	38.32 -2.24 0.10	44.52 -2.49 0.05	48.34 -2.39 0.05	58.13 -3.32 0.02	59.18 -3.32 0.05	40.51 -2.86 0.05	37.62 -2.31 0.02	33.07 -2.00 0.00
HICKLING___2 23622	30.44 -0.88 0.00	29.82 -1.15 0.00	28.36 -1.27 0.00	28.72 -1.35 0.00	28.46 -1.03 0.00	30.53 -1.64 0.00	39.12 -1.97 0.00	46.95 -2.11 0.00	42.40 -1.91 0.00	35.29 -2.01 0.00	34.60 -1.71 0.00	34.21 -1.80 0.00	33.56 -1.92 0.00	34.34 -1.92 0.00	33.85 -2.20 0.02	35.05 -2.24 0.05	38.32 -2.24 0.10	44.52 -2.49 0.05	48.34 -2.39 0.05	58.13 -3.32 0.02	59.18 -3.32 0.05	40.51 -2.86 0.05	37.62 -2.31 0.02	33.07 -2.00 0.00
HIGH FALLS___HY 23754	32.92 1.60 0.00	32.42 1.46 0.00	31.00 1.36 0.00	31.40 1.32 0.00	30.67 1.18 0.00	33.62 1.45 0.00	43.31 2.22 0.00	51.42 2.35 0.00	46.70 2.39 0.00	39.24 1.94 0.00	38.15 1.85 0.00	37.84 1.84 0.00	37.36 1.88 0.00	38.26 1.99 0.00	38.09 2.02 0.00	39.42 2.09 0.00	43.06 2.40 -0.01	49.93 2.87 0.00	53.72 2.94 0.00	65.09 3.63 0.00	65.81 3.72 0.00	45.33 2.48 0.00	42.06 2.23 0.00	36.90 1.82 0.00
HIGH_RIVER___SOLAR 323847	32.95 1.63 0.00	32.51 1.55 0.00	31.12 1.48 0.00	31.61 1.53 0.00	30.94 1.44 0.00	33.88 1.70 0.00	43.31 2.22 0.00	51.03 1.96 0.00	45.33 1.02 0.00	37.97 0.67 0.00	36.81 0.51 0.00	36.47 0.47 0.00	35.94 0.46 0.00	36.70 0.44 0.00	36.68 0.61 0.00	38.04 0.71 0.00	41.67 1.02 0.00	48.75 1.69 0.00	53.06 2.29 0.00	64.60 3.13 0.00	65.43 3.35 0.00	45.32 2.48 0.00	42.06 2.23 0.00	36.86 1.79 0.00
HILLBURN___GT 23639	32.79 1.47 0.00	32.27 1.30 0.00	30.91 1.27 0.00	31.28 1.20 0.00	30.55 1.06 0.00	33.46 1.29 0.00	43.11 2.01 0.00	51.37 2.31 0.00	46.61 2.30 0.00	39.28 1.98 0.00	38.23 1.92 0.00	37.95 1.94 0.00	37.46 1.99 0.00	38.33 2.07 0.00	38.23 2.16 0.00	39.50 2.16 0.00	43.18 2.52 -0.01	49.98 2.92 0.00	53.62 2.84 0.00	65.09 3.63 0.00	65.75 3.66 0.00	45.24 2.40 0.00	41.98 2.15 0.00	36.83 1.75 0.00
HILLSIDE_115KV_TB1 80332	30.04 -1.28 0.00	29.39 -1.58 0.00	27.98 -1.66 0.00	28.33 -1.74 0.00	28.05 -1.45 0.00	30.12 -2.06 0.00	38.59 -2.51 0.00	46.22 -2.85 0.00	41.74 -2.57 0.00	34.73 -2.57 0.00	34.05 -2.25 0.00	33.67 -2.34 0.00	33.10 -2.38 0.00	33.83 -2.43 0.00	33.38 -2.67 0.02	34.55 -2.73 0.05	37.82 -2.72 0.11	43.94 -3.06 0.05	47.77 -2.94 0.05	57.33 -4.12 0.02	58.37 -3.66 0.05	39.95 -2.87 0.02	37.10 -2.71 0.02	32.65 -2.42 0.00

HISHELDN_WT_PWR 323625	29.94 -1.38 0.00	29.23 -1.73 0.00	27.86 -1.78 0.00	28.18 -1.89 0.00	27.96 -1.53 0.00	30.08 -2.09 0.00	37.80 -3.29 0.00	45.53 -3.53 0.00	41.47 -2.84 0.00	34.13 -3.17 0.00	33.62 -2.69 0.00	33.31 -2.70 0.00	32.67 -2.80 0.00	33.47 -2.79 0.00	32.85 -3.21 0.01	33.84 -3.47 0.02	36.54 -4.07 0.05	42.37 -4.66 0.02	46.03 -4.72 0.02	55.92 -5.53 0.01	56.84 -5.21 0.02	39.02 -3.81 0.01	36.48 -3.35 0.01	32.13 -2.95 0.00
HOLTSVILLE_IC_1 23690	47.23 2.26 -13.65	37.96 2.07 -4.92	31.59 1.96 0.00	31.91 1.83 0.00	31.26 1.77 0.00	38.17 2.00 -4.00	48.00 2.96 -3.95	51.91 2.84 0.00	47.05 2.75 0.00	39.69 2.39 0.00	40.29 2.62 -1.37	41.73 2.59 -3.13	39.36 2.63 -1.26	41.76 2.75 -2.74	45.64 2.82 -6.76	46.42 2.91 -6.17	48.00 3.54 -3.81	59.94 4.24 -8.65	71.84 3.91 -17.16	88.50 4.85 -22.18	81.09 4.90 -14.11	52.26 3.38 -6.03	47.89 3.22 -4.84	46.37 2.66 -8.64
HOLTSVILLE_IC_10 23699	47.39 2.41 -13.65	38.09 2.20 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.41 1.92 0.00	38.33 2.16 -4.00	48.25 3.21 -3.95	52.20 3.14 0.00	47.23 2.92 0.00	39.84 2.54 0.00	40.43 2.76 -1.37	41.87 2.74 -3.13	39.51 2.77 -1.26	41.91 2.90 -2.74	45.82 2.99 -6.76	46.60 3.10 -6.17	48.28 3.78 -3.84	60.30 4.52 -8.72	72.33 4.27 -17.29	89.11 5.29 -22.35	81.64 5.34 -14.22	52.61 3.68 -6.08	48.13 3.46 -4.84	46.55 2.84 -8.64
HOLTSVILLE_IC_2 23691	47.23 2.26 -13.65	37.96 2.07 -4.92	31.59 1.96 0.00	31.91 1.83 0.00	31.26 1.77 0.00	38.17 2.00 -4.00	48.00 2.96 -3.95	51.91 2.84 0.00	47.05 2.75 0.00	39.69 2.39 0.00	40.29 2.62 -1.37	41.73 2.59 -3.13	39.36 2.63 -1.26	41.76 2.75 -2.74	45.64 2.82 -6.76	46.42 2.91 -6.17	48.00 3.54 -3.81	59.94 4.24 -8.65	71.84 3.91 -17.16	88.50 4.85 -22.18	81.09 4.90 -14.11	52.26 3.38 -6.03	47.89 3.22 -4.84	46.37 2.66 -8.64
HOLTSVILLE_IC_3 23692	47.23 2.26 -13.65	37.96 2.07 -4.92	31.59 1.96 0.00	31.91 1.83 0.00	31.26 1.77 0.00	38.17 2.00 -4.00	48.00 2.96 -3.95	51.91 2.84 0.00	47.05 2.75 0.00	39.69 2.39 0.00	40.29 2.62 -1.37	41.73 2.59 -3.13	39.36 2.63 -1.26	41.76 2.75 -2.74	45.64 2.82 -6.76	46.42 2.91 -6.17	48.00 3.54 -3.81	59.94 4.24 -8.65	71.84 3.91 -17.16	88.50 4.85 -22.18	81.09 4.90 -14.11	52.26 3.38 -6.03	47.89 3.22 -4.84	46.37 2.66 -8.64
HOLTSVILLE_IC_4 23693	47.23 2.26 -13.65	37.96 2.07 -4.92	31.59 1.96 0.00	31.91 1.83 0.00	31.26 1.77 0.00	38.17 2.00 -4.00	48.00 2.96 -3.95	51.91 2.84 0.00	47.05 2.75 0.00	39.69 2.39 0.00	40.29 2.62 -1.37	41.73 2.59 -3.13	39.36 2.63 -1.26	41.76 2.75 -2.74	45.64 2.82 -6.76	46.42 2.91 -6.17	48.00 3.54 -3.81	59.94 4.24 -8.65	71.84 3.91 -17.16	88.50 4.85 -22.18	81.09 4.90 -14.11	52.26 3.38 -6.03	47.89 3.22 -4.84	46.37 2.66 -8.64
HOLTSVILLE_IC_5 23694	47.23 2.26 -13.65	37.96 2.07 -4.92	31.59 1.96 0.00	31.91 1.83 0.00	31.26 1.77 0.00	38.17 2.00 -4.00	48.00 2.96 -3.95	51.91 2.84 0.00	47.05 2.75 0.00	39.69 2.39 0.00	40.29 2.62 -1.37	41.73 2.59 -3.13	39.36 2.63 -1.26	41.76 2.75 -2.74	45.64 2.82 -6.76	46.42 2.91 -6.17	48.00 3.54 -3.81	59.94 4.24 -8.65	71.84 3.91 -17.16	88.50 4.85 -22.18	81.09 4.90 -14.11	52.26 3.38 -6.03	47.89 3.22 -4.84	46.37 2.66 -8.64
HOLTSVILLE_IC_6 23695	47.39 2.41 -13.65	38.09 2.20 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.41 1.92 0.00	38.33 2.16 -4.00	48.25 3.21 -3.95	52.20 3.14 0.00	47.23 2.92 0.00	39.84 2.54 0.00	40.43 2.76 -1.37	41.87 2.74 -3.13	39.51 2.77 -1.26	41.91 2.90 -2.74	45.82 2.99 -6.76	46.60 3.10 -6.17	48.28 3.78 -3.84	60.30 4.52 -8.72	72.33 4.27 -17.29	89.11 5.29 -22.35	81.64 5.34 -14.22	52.61 3.68 -6.08	48.13 3.46 -4.84	46.55 2.84 -8.64
HOLTSVILLE_IC_7 23696	47.39 2.41 -13.65	38.09 2.20 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.41 1.92 0.00	38.33 2.16 -4.00	48.25 3.21 -3.95	52.20 3.14 0.00	47.23 2.92 0.00	39.84 2.54 0.00	40.43 2.76 -1.37	41.87 2.74 -3.13	39.51 2.77 -1.26	41.91 2.90 -2.74	45.82 2.99 -6.76	46.60 3.10 -6.17	48.28 3.78 -3.84	60.30 4.52 -8.72	72.33 4.27 -17.29	89.11 5.29 -22.35	81.64 5.34 -14.22	52.61 3.68 -6.08	48.13 3.46 -4.84	46.55 2.84 -8.64
HOLTSVILLE_IC_8 23697	47.39 2.41 -13.65	38.09 2.20 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.41 1.92 0.00	38.33 2.16 -4.00	48.25 3.21 -3.95	52.20 3.14 0.00	47.23 2.92 0.00	39.84 2.54 0.00	40.43 2.76 -1.37	41.87 2.74 -3.13	39.51 2.77 -1.26	41.91 2.90 -2.74	45.82 2.99 -6.76	46.60 3.10 -6.17	48.28 3.78 -3.84	60.30 4.52 -8.72	72.33 4.27 -17.29	89.11 5.29 -22.35	81.64 5.34 -14.22	52.61 3.68 -6.08	48.13 3.46 -4.84	46.55 2.84 -8.64
HOLTSVILLE_IC_9 23698	47.39 2.41 -13.65	38.09 2.20 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.41 1.92 0.00	38.33 2.16 -4.00	48.25 3.21 -3.95	52.20 3.14 0.00	47.23 2.92 0.00	39.84 2.54 0.00	40.43 2.76 -1.37	41.87 2.74 -3.13	39.51 2.77 -1.26	41.91 2.90 -2.74	45.82 2.99 -6.76	46.60 3.10 -6.17	48.28 3.78 -3.84	60.30 4.52 -8.72	72.33 4.27 -17.29	89.11 5.29 -22.35	81.64 5.34 -14.22	52.61 3.68 -6.08	48.13 3.46 -4.84	46.55 2.84 -8.64
HOMER_HL_115KV_TB2 355744	29.82 -1.50 0.00	29.08 -1.89 0.00	27.71 -1.93 0.00	28.00 -2.08 0.00	27.78 -1.71 0.00	29.67 -2.51 0.00	37.93 -3.16 0.00	45.38 -3.68 0.00	41.07 -3.23 0.00	34.02 -3.28 0.00	33.51 -2.80 0.00	33.13 -2.88 0.00	32.60 -2.87 0.00	33.33 -2.94 0.00	32.78 -3.28 0.01	34.28 -3.02 0.02	38.29 -2.32 0.05	44.58 -2.45 0.02	48.16 -2.59 0.02	56.11 -5.35 0.01	58.08 -3.97 0.02	39.23 -3.60 0.01	36.36 -3.47 0.01	32.09 -2.98 0.00
HOWARD_WT_PWR 323690	30.26 -1.07 0.00	29.67 -1.30 0.00	28.31 -1.33 0.00	28.75 -1.32 0.00	28.55 -0.94 0.00	30.92 -1.26 0.00	39.29 -1.81 0.00	47.25 -1.81 0.00	42.89 -1.42 0.00	35.32 -1.98 0.00	34.60 -1.71 0.00	34.17 -1.84 0.00	33.38 -2.09 0.00	34.20 -2.07 0.00	33.60 -2.45 0.01	34.65 -2.65 0.03	37.74 -2.85 0.07	43.97 -3.06 0.03	47.64 -3.10 0.03	57.89 -3.57 0.01	58.89 -3.16 0.03	40.30 -2.53 0.01	37.35 -2.47 0.01	32.72 -2.35 0.00
HQ_GEN_CEDARS 23644	30.79 -0.53 0.00	30.56 -0.40 0.00	29.28 -0.36 0.00	29.78 -0.30 0.00	29.23 -0.27 0.00	31.98 -0.19 0.00	41.01 -0.08 0.00	49.11 0.05 0.00	44.31 0.00 0.00	37.34 0.04 0.00	36.27 -0.04 0.00	35.90 -0.11 0.00	35.40 -0.07 0.00	36.19 -0.07 0.00	35.92 -0.14 0.00	37.26 -0.07 0.00	40.65 0.00 0.00	47.10 0.05 0.00	50.87 0.10 0.00	61.65 0.18 0.00	62.27 0.19 0.00	42.75 -0.09 0.00	39.71 -0.12 0.00	34.90 -0.18 0.00
HQ_GEN_CEDARS_PROXY 323590	30.79 -0.53 0.00	30.56 -0.40 0.00	29.28 -0.35 0.00	29.78 -0.30 0.00	29.23 -0.27 0.00	31.98 -0.19 0.00	41.01 -0.08 0.00	49.11 0.05 0.00	44.31 0.00 0.00	37.34 0.04 0.00	36.27 -0.04 0.00	35.90 -0.11 0.00	35.40 -0.07 0.00	36.19 -0.07 0.00	35.93 -0.14 0.00	37.26 -0.07 0.00	40.65 0.00 0.00	47.10 0.05 0.00	50.98 0.20 0.00	61.65 0.18 0.00	62.14 0.06 0.00	42.75 -0.09 0.00	39.71 -0.12 0.00	34.90 -0.17 0.00

HQ_GEN_CHPE_PROXY 323851	32.95 1.63 0.00	32.39 1.43 0.00	31.06 1.42 0.00	31.40 1.32 0.00	30.67 1.18 0.00	33.53 1.35 0.00	43.27 2.18 0.00	51.66 2.60 0.00	46.97 2.66 0.00	39.50 2.20 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.49 2.42 0.00	39.80 2.46 0.00	43.50 2.84 0.00	50.40 3.34 0.00	53.97 3.20 0.00	65.40 3.94 0.00	66.12 4.03 0.00	45.45 2.61 0.00	42.22 2.39 0.00	37.00 1.93 0.00
HQ_GEN_IMPORT 323601	31.23 -0.09 0.00	30.90 -0.06 0.00	29.61 -0.03 0.00	30.05 -0.03 0.00	29.49 0.00 0.00	32.21 0.03 0.00	41.18 0.08 0.00	49.21 0.15 0.00	44.44 0.13 0.00	37.41 0.11 0.00	36.41 0.11 0.00	36.08 0.07 0.00	35.55 0.07 0.00	36.34 0.07 0.00	36.14 0.07 0.00	37.41 0.07 0.00	40.74 0.08 0.00	47.20 0.14 0.00	50.92 0.15 0.00	61.65 0.18 0.00	62.21 0.12 0.00	42.88 0.04 0.00	39.87 0.04 0.00	35.11 0.04 0.00
HQ_GEN_WHEEL 23651	31.23 -0.09 0.00	30.90 -0.06 0.00	29.61 -0.03 0.00	30.05 -0.03 0.00	29.49 0.00 0.00	32.21 0.03 0.00	41.18 0.08 0.00	49.21 0.15 0.00	44.44 0.13 0.00	37.41 0.11 0.00	36.41 0.11 0.00	36.08 0.07 0.00	35.55 0.07 0.00	36.34 0.07 0.00	36.14 0.07 0.00	37.41 0.07 0.00	40.74 0.08 0.00	47.20 0.14 0.00	50.92 0.15 0.00	61.65 0.18 0.00	62.21 0.12 0.00	42.88 0.04 0.00	39.87 0.04 0.00	35.11 0.04 0.00
HUDSON_AVE_GT_3 23810	33.04 1.72 0.00	32.48 1.52 0.00	31.12 1.48 0.00	31.46 1.38 0.00	30.73 1.24 0.00	33.66 1.48 0.00	43.39 2.30 0.00	51.86 2.80 0.00	47.19 2.88 0.00	39.65 2.35 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.63 2.56 0.00	39.95 2.61 0.00	43.66 3.01 0.00	50.54 3.48 0.00	54.38 3.60 0.00	65.64 4.18 0.00	66.43 4.35 0.00	45.58 2.74 0.00	42.34 2.51 0.00	37.11 2.03 0.00
HUDSON_AVE_GT_4 23540	33.04 1.72 0.00	32.48 1.52 0.00	31.12 1.48 0.00	31.46 1.38 0.00	30.73 1.24 0.00	33.66 1.48 0.00	43.39 2.30 0.00	51.86 2.80 0.00	47.19 2.88 0.00	39.65 2.35 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.63 2.56 0.00	39.95 2.61 0.00	43.66 3.01 0.00	50.54 3.48 0.00	54.38 3.60 0.00	65.64 4.18 0.00	66.43 4.35 0.00	45.58 2.74 0.00	42.34 2.51 0.00	37.11 2.03 0.00
HUDSON_AVE_GT_5 23657	33.04 1.72 0.00	32.48 1.52 0.00	31.12 1.48 0.00	31.46 1.38 0.00	30.73 1.24 0.00	33.66 1.48 0.00	43.39 2.30 0.00	51.86 2.80 0.00	47.19 2.88 0.00	39.65 2.35 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.63 2.56 0.00	39.95 2.61 0.00	43.66 3.01 0.00	50.54 3.48 0.00	54.38 3.60 0.00	65.64 4.18 0.00	66.43 4.35 0.00	45.58 2.74 0.00	42.34 2.51 0.00	37.11 2.03 0.00
HUDSON_AVE_10 24168	32.86 1.53 0.00	32.30 1.33 0.00	30.94 1.30 0.00	31.31 1.23 0.00	30.55 1.06 0.01	33.46 1.29 0.00	43.19 2.10 0.00	51.56 2.50 0.00	47.01 2.70 0.00	39.46 2.16 0.00	38.45 2.14 0.00	38.17 2.16 0.00	37.71 2.23 0.00	38.58 2.32 0.00	38.49 2.42 0.00	39.80 2.46 0.00	43.50 2.85 0.00	50.30 3.25 0.00	54.12 3.35 0.00	65.34 3.87 0.00	66.12 4.04 0.00	45.37 2.53 0.00	42.14 2.31 0.00	36.93 1.86 0.00
HUDSON___115KV_TB 4 355613	32.64 1.32 0.00	32.39 1.42 0.00	30.97 1.33 0.00	31.43 1.35 0.00	30.76 1.27 0.00	33.69 1.51 0.00	42.86 1.77 0.00	50.78 1.72 0.00	45.59 1.28 0.00	38.38 1.08 0.00	37.21 0.91 0.00	36.91 0.90 0.00	36.36 0.89 0.00	37.13 0.87 0.00	37.04 0.97 0.00	38.41 1.08 0.00	41.96 1.30 0.00	48.51 1.46 0.00	52.40 1.62 0.00	63.31 1.84 0.00	64.13 2.05 0.00	44.51 1.67 0.00	41.38 1.55 0.00	36.23 1.16 0.00
HUNTER MOUNT___DRP 323613	32.70 1.38 0.00	32.45 1.49 0.00	31.03 1.39 0.00	31.52 1.44 0.00	30.82 1.33 0.00	33.75 1.58 0.00	43.02 1.93 0.00	50.88 1.82 0.00	45.64 1.33 0.00	38.38 1.08 0.00	37.21 0.91 0.00	36.87 0.86 0.00	36.33 0.85 0.00	37.10 0.83 0.00	37.01 0.94 0.00	38.41 1.08 0.00	41.96 1.30 0.00	48.51 1.46 0.00	52.40 1.62 0.00	63.37 1.91 0.00	64.13 2.05 0.00	44.60 1.76 0.00	41.50 1.67 0.00	36.26 1.19 0.00
HUNTINGTON_RES_REC 323705	46.95 1.97 -13.65	37.65 1.76 -4.92	31.33 1.69 0.00	31.64 1.56 0.00	30.99 1.50 0.00	37.91 1.74 -4.00	47.67 2.63 -3.95	51.22 2.16 0.00	46.88 2.57 0.00	39.58 2.28 0.00	40.17 2.50 -1.37	41.66 2.52 -3.13	39.29 2.56 -1.26	41.65 2.65 -2.74	45.57 2.72 -6.76	46.23 2.72 -6.17	47.55 3.01 -3.88	59.21 3.34 -8.82	71.35 3.10 -17.48	87.88 3.81 -22.60	80.31 3.85 -14.38	51.60 2.61 -6.15	47.26 2.59 -4.84	45.96 2.25 -8.64
HUNTLEY___63 23557	29.79 -1.53 0.00	29.04 -1.92 0.00	27.68 -1.96 0.00	27.97 -2.11 0.00	27.75 -1.74 0.00	29.28 -2.90 0.00	37.15 -3.94 0.00	44.89 -4.17 0.00	40.63 -3.68 0.00	33.68 -3.62 0.00	33.25 -3.05 0.00	32.91 -3.10 0.00	32.46 -3.02 0.00	33.22 -3.05 0.00	32.63 -3.43 0.01	33.47 -3.85 0.02	36.13 -4.51 0.01	41.39 -5.65 0.02	44.61 -6.14 0.02	55.07 -6.39 0.01	55.17 -6.89 0.02	38.46 -4.37 0.01	36.16 -3.66 0.01	31.85 -3.23 0.00
HUNTLEY___64 23558	29.79 -1.53 0.00	29.04 -1.92 0.00	27.68 -1.96 0.00	27.97 -2.11 0.00	27.75 -1.74 0.00	29.28 -2.90 0.00	37.15 -3.94 0.00	44.89 -4.17 0.00	40.63 -3.68 0.00	33.68 -3.62 0.00	33.25 -3.05 0.00	32.91 -3.10 0.00	32.46 -3.02 0.00	33.22 -3.05 0.00	32.63 -3.43 0.01	33.47 -3.85 0.02	36.13 -4.51 0.01	41.39 -5.65 0.02	44.61 -6.14 0.02	55.07 -6.39 0.01	55.17 -6.89 0.02	38.46 -4.37 0.01	36.16 -3.66 0.01	31.85 -3.23 0.00
HUNTLEY___65 23559	29.79 -1.53 0.00	29.04 -1.92 0.00	27.68 -1.96 0.00	27.97 -2.11 0.00	27.75 -1.74 0.00	29.28 -2.90 0.00	37.15 -3.94 0.00	44.89 -4.17 0.00	40.63 -3.68 0.00	33.68 -3.62 0.00	33.25 -3.05 0.00	32.91 -3.10 0.00	32.46 -3.02 0.00	33.22 -3.05 0.00	32.63 -3.43 0.01	33.47 -3.85 0.02	36.13 -4.51 0.01	41.39 -5.65 0.02	44.61 -6.14 0.02	55.07 -6.39 0.01	55.17 -6.89 0.02	38.46 -4.37 0.01	36.16 -3.66 0.01	31.85 -3.23 0.00
HUNTLEY___66 23560	29.79 -1.53 0.00	29.04 -1.92 0.00	27.68 -1.96 0.00	27.97 -2.11 0.00	27.75 -1.74 0.00	29.28 -2.90 0.00	37.15 -3.94 0.00	44.89 -4.17 0.00	40.63 -3.68 0.00	33.68 -3.62 0.00	33.25 -3.05 0.00	32.91 -3.10 0.00	32.46 -3.02 0.00	33.22 -3.05 0.00	32.63 -3.43 0.01	33.47 -3.85 0.02	36.13 -4.51 0.01	41.39 -5.65 0.02	44.61 -6.14 0.02	55.07 -6.39 0.01	55.17 -6.89 0.02	38.46 -4.37 0.01	36.16 -3.66 0.01	31.85 -3.23 0.00
HUNTLEY___67 23561	29.76 -1.57 0.00	29.01 -1.95 0.00	27.65 -1.99 0.00	27.94 -2.14 0.00	27.72 -1.77 0.00	29.31 -2.86 0.00	37.19 -3.90 0.00	44.89 -4.17 0.00	40.59 -3.72 0.00	33.65 -3.66 0.00	33.22 -3.09 0.00	32.87 -3.13 0.00	32.42 -3.05 0.00	33.14 -3.12 0.00	32.56 -3.50 0.01	33.47 -3.85 0.02	35.82 -4.80 0.04	41.48 -5.55 0.02	44.76 -5.99 0.02	55.07 -6.39 0.01	55.23 -6.83 0.02	38.46 -4.37 0.01	36.16 -3.66 0.01	31.88 -3.19 0.00

HUNTLEY___68 23562	29.76 -1.57 0.00	29.01 -1.95 0.00	27.65 -1.99 0.00	27.94 -2.14 0.00	27.72 -1.77 0.00	29.31 -2.86 0.00	37.19 -3.90 0.00	44.89 -4.17 0.00	40.59 -3.72 0.00	33.65 -3.66 0.00	33.22 -3.09 0.00	32.87 -3.13 0.00	32.42 -3.05 0.00	33.14 -3.12 0.00	32.56 -3.50 0.01	33.47 -3.85 0.02	35.82 -4.80 0.04	41.48 -5.55 0.02	44.76 -5.99 0.02	55.07 -6.39 0.01	55.23 -6.83 0.02	38.46 -4.37 0.01	36.16 -3.66 0.01	31.88 -3.19 0.00
HYLAND___LFGE 323620	31.57 0.25 0.00	30.96 0.00 0.00	29.49 -0.15 0.00	29.93 -0.15 0.00	29.55 0.06 0.00	32.34 0.16 0.00	41.22 0.12 0.00	49.50 0.44 0.00	44.35 0.04 0.00	36.41 -0.90 0.00	35.25 -1.05 0.00	34.71 -1.29 0.00	33.92 -1.56 0.00	34.77 -1.49 0.00	34.33 -1.73 0.01	35.48 -1.83 0.02	38.66 -1.95 0.05	45.38 -1.65 0.02	49.99 -0.76 0.02	61.09 -0.37 0.01	62.50 0.44 0.02	42.66 -0.17 0.01	39.62 -0.20 0.01	34.62 -0.46 0.00
INDECK___CORINTH 23802	32.92 1.60 0.00	32.48 1.52 0.00	31.18 1.54 0.00	31.70 1.62 0.00	30.79 1.30 0.00	33.69 1.51 0.00	43.07 1.97 0.00	51.07 2.01 0.00	45.68 1.38 0.00	38.46 1.16 0.00	37.36 1.05 0.00	37.05 1.04 0.00	36.51 1.03 0.00	37.17 0.91 0.00	37.15 1.08 0.00	38.56 1.23 0.00	42.12 1.46 0.00	48.94 1.88 0.00	52.85 2.08 0.00	64.11 2.64 0.00	64.88 2.80 0.00	44.94 2.10 0.00	41.74 1.91 0.00	36.58 1.51 0.00
INDECK___ILION 23567	30.91 -0.41 0.00	30.59 -0.37 0.00	29.34 -0.30 0.00	29.78 -0.30 0.00	29.17 -0.32 0.00	31.89 -0.29 0.00	40.81 -0.29 0.00	48.72 -0.34 0.00	44.00 -0.31 0.00	37.08 -0.22 0.00	36.01 -0.29 0.00	35.68 -0.32 0.00	35.09 -0.39 0.00	35.79 -0.47 0.00	35.56 -0.50 0.00	36.55 -0.78 0.00	39.76 -0.89 0.00	45.93 -1.13 0.00	49.45 -1.32 0.00	59.81 -1.66 0.00	60.28 -1.80 0.00	41.68 -1.16 0.00	38.64 -1.19 0.00	33.95 -1.12 0.00
INDECK___OLEAN 23982	29.79 -1.53 0.00	29.07 -1.89 0.00	27.71 -1.93 0.00	28.00 -2.07 0.00	27.78 -1.71 0.00	29.99 -2.19 0.00	37.93 -3.16 0.00	45.38 -3.68 0.00	41.29 -3.01 0.00	34.02 -3.28 0.00	33.51 -2.79 0.00	33.20 -2.81 0.00	32.60 -2.87 0.00	33.36 -2.90 0.01	32.78 -3.28 0.01	34.10 -3.21 0.02	38.29 -2.32 0.05	44.58 -2.45 0.02	46.23 -4.52 0.02	56.11 -5.35 0.01	56.91 -5.15 0.02	39.23 -3.60 0.01	36.36 -3.47 0.01	32.09 -2.98 0.00
INDECK___OSWEGO 23783	30.63 -0.69 0.00	30.28 -0.68 0.00	28.93 -0.71 0.00	29.39 -0.69 0.00	28.81 -0.68 0.00	31.37 -0.80 0.00	39.90 -1.19 0.00	47.64 -1.42 0.00	43.07 -1.12 0.00	36.18 -1.05 0.00	35.25 -1.05 0.00	34.96 -1.06 0.00	34.41 -1.05 0.00	35.21 -1.08 0.00	34.99 -1.16 0.00	36.17 -1.34 0.00	39.31 -1.51 0.00	45.55 -1.52 0.00	49.25 -1.78 0.00	59.68 -1.67 0.00	60.41 -1.24 0.00	41.60 -1.12 0.00	38.72 -0.91 0.00	34.16 -0.91 0.00
INDECK___YERKES 23781	29.82 -1.50 0.00	29.07 -1.89 0.00	27.71 -1.93 0.00	27.97 -2.11 0.00	27.78 -1.71 0.00	29.76 -2.41 0.00	37.19 -3.90 0.00	44.89 -4.17 0.00	41.03 -3.28 0.00	33.68 -3.62 0.00	33.29 -3.01 0.00	33.06 -2.95 0.00	32.50 -2.98 0.00	33.33 -2.94 0.00	32.63 -3.43 0.01	33.50 -3.81 0.02	36.17 -4.47 0.01	41.44 -5.60 0.02	45.42 -5.33 0.02	55.13 -6.33 0.01	56.22 -5.84 0.02	38.51 -4.33 0.01	36.20 -3.62 0.01	31.88 -3.19 0.00
INDIAN POINT_GT_1 24139	32.79 1.47 0.00	32.27 1.30 0.00	30.91 1.27 0.00	31.28 1.20 0.00	30.55 1.06 0.00	33.46 1.29 0.00	43.07 1.97 0.00	51.37 2.31 0.00	46.70 2.39 0.00	39.28 1.98 0.00	38.26 1.96 0.00	37.99 1.98 0.00	37.50 2.02 0.00	38.37 2.10 0.00	38.27 2.20 0.00	39.57 2.24 0.00	43.22 2.56 0.00	50.07 3.01 0.00	53.87 3.10 0.00	65.09 3.63 0.00	65.87 3.79 0.00	45.24 2.40 0.00	41.98 2.15 0.00	36.83 1.75 0.00
INDIAN POINT_GT_2 23659	32.79 1.47 0.00	32.27 1.30 0.00	30.91 1.27 0.00	31.28 1.20 0.00	30.55 1.06 0.00	33.46 1.29 0.00	43.07 1.97 0.00	51.37 2.31 0.00	46.70 2.39 0.00	39.28 1.98 0.00	38.26 1.96 0.00	37.99 1.98 0.00	37.50 2.02 0.00	38.37 2.10 0.00	38.27 2.20 0.00	39.57 2.24 0.00	43.22 2.56 0.00	50.07 3.01 0.00	53.87 3.10 0.00	65.09 3.63 0.00	65.87 3.79 0.00	45.24 2.40 0.00	41.98 2.15 0.00	36.83 1.75 0.00
INDIAN POINT_GT_3 24019	32.79 1.47 0.00	32.27 1.30 0.00	30.91 1.27 0.00	31.28 1.20 0.00	30.55 1.06 0.00	33.46 1.29 0.00	43.07 1.97 0.00	51.37 2.31 0.00	46.70 2.39 0.00	39.28 1.98 0.00	38.26 1.96 0.00	37.99 1.98 0.00	37.50 2.02 0.00	38.37 2.10 0.00	38.27 2.20 0.00	39.57 2.24 0.00	43.22 2.56 0.00	50.07 3.01 0.00	53.87 3.10 0.00	65.09 3.63 0.00	65.87 3.79 0.00	45.24 2.40 0.00	41.98 2.15 0.00	36.83 1.75 0.00
INDIAN POINT___2 23530	32.79 1.47 0.00	32.23 1.27 0.00	30.88 1.24 0.00	31.25 1.17 0.00	30.52 1.03 0.00	33.43 1.25 0.00	43.07 1.97 0.00	51.37 2.31 0.00	46.61 2.30 0.00	39.28 1.98 0.00	38.23 1.92 0.00	37.95 1.94 0.00	37.50 2.02 0.00	38.37 2.10 0.00	38.23 2.16 0.00	39.53 2.20 0.00	43.18 2.52 0.00	50.02 2.97 0.00	53.61 2.84 0.00	65.09 3.63 0.00	65.68 3.60 0.00	45.19 2.35 0.00	41.98 2.15 0.00	36.83 1.75 0.00
INDIAN POINT___3 23531	32.79 1.47 0.00	32.27 1.30 0.00	30.91 1.27 0.00	31.25 1.17 0.00	30.55 1.06 0.00	33.46 1.29 0.00	43.07 1.97 0.00	51.37 2.31 0.00	46.66 2.35 0.00	39.28 1.98 0.00	38.23 1.92 0.00	37.95 1.94 0.00	37.46 1.99 0.00	38.33 2.07 0.00	38.23 2.16 0.00	39.53 2.20 0.00	43.18 2.52 0.00	49.97 2.92 0.00	53.82 3.05 0.00	65.03 3.56 0.00	65.81 3.72 0.00	45.20 2.36 0.00	41.98 2.15 0.00	36.83 1.75 0.00
INGHAM_C_115KV_TB7 356103	30.91 -0.41 0.00	30.59 -0.37 0.00	29.34 -0.30 0.00	29.78 -0.30 0.00	29.17 -0.32 0.00	31.89 -0.29 0.00	40.81 -0.29 0.00	48.72 -0.34 0.00	44.00 -0.31 0.00	37.08 -0.22 0.00	36.01 -0.29 0.00	35.68 -0.32 0.00	35.09 -0.39 0.00	35.79 -0.47 0.00	35.56 -0.50 0.00	36.55 -0.78 0.00	39.76 -0.89 0.00	45.93 -1.13 0.00	49.45 -1.32 0.00	59.81 -1.66 0.00	60.28 -1.80 0.00	41.68 -1.16 0.00	38.64 -1.19 0.00	33.95 -1.12 0.00
IP CORINTH___1 23988	32.92 1.60 0.00	32.51 1.55 0.00	31.18 1.54 0.00	31.70 1.62 0.00	30.79 1.30 0.00	33.72 1.54 0.00	43.07 1.97 0.00	51.07 2.01 0.00	45.68 1.37 0.00	38.46 1.16 0.00	37.36 1.05 0.00	37.09 1.08 0.00	36.50 1.03 0.00	37.17 0.91 0.00	37.15 1.08 0.00	38.56 1.23 0.00	42.12 1.46 0.00	48.94 1.88 0.00	52.95 2.18 0.00	64.11 2.64 0.00	65.00 2.92 0.00	44.94 2.10 0.00	41.74 1.91 0.00	36.58 1.51 0.00
IP___TICONDEROGA 23804	33.80 2.47 0.00	33.38 2.42 0.00	32.01 2.37 0.00	32.57 2.50 0.00	31.67 2.18 0.00	34.75 2.57 0.00	44.42 3.33 0.00	52.45 3.39 0.00	46.57 2.26 0.00	39.13 1.83 0.00	37.97 1.67 0.00	37.74 1.73 0.00	37.04 1.56 0.00	37.64 1.38 0.00	37.66 1.59 0.00	39.12 1.79 0.00	42.81 2.15 0.00	49.88 2.82 0.00	54.17 3.40 0.00	65.77 4.30 0.00	66.86 4.78 0.00	46.31 3.47 0.00	42.98 3.15 0.00	37.60 2.53 0.00

ISLIP_RES_REC 323679	47.51 2.54 -13.65	38.18 2.29 -4.92	31.80 2.16 0.00	32.12 2.05 0.00	31.50 2.01 0.00	38.43 2.25 -4.00	48.37 3.33 -3.95	52.40 3.34 0.00	47.36 3.05 0.00	39.99 2.69 0.00	40.58 2.91 -1.37	42.02 2.88 -3.13	39.65 2.91 -1.26	42.05 3.05 -2.74	45.93 3.10 -6.76	46.75 3.25 -6.17	48.50 3.99 -3.86	60.58 4.75 -8.77	72.68 4.52 -17.39	89.60 5.65 -22.48	82.03 5.65 -14.30	52.81 3.86 -6.12	48.33 3.66 -4.84	46.69 2.98 -8.64
JAMAICA__27_KV_LOAD 355505	32.95 1.63 0.00	32.36 1.39 0.00	31.00 1.36 0.00	31.34 1.26 0.00	30.60 1.12 0.01	33.56 1.38 0.00	43.35 2.26 0.00	51.71 2.65 0.00	47.23 2.92 0.00	39.65 2.35 0.00	38.59 2.29 0.00	38.31 2.30 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.59 2.52 0.00	39.95 2.61 0.00	43.66 3.01 0.00	50.49 3.44 0.00	54.33 3.55 0.00	65.58 4.12 0.00	66.37 4.28 0.00	45.50 2.66 0.00	42.34 2.51 0.00	37.04 1.96 0.00
JANIS__SOLAR 323808	32.13 0.81 0.00	31.77 0.80 0.00	30.32 0.68 0.00	30.83 0.75 0.00	30.32 0.82 0.00	33.11 0.93 0.00	42.45 1.35 0.00	50.68 1.62 0.00	45.68 1.38 0.00	38.05 0.75 0.00	36.85 0.55 0.00	36.37 0.36 0.00	35.73 0.25 0.00	36.52 0.26 0.00	36.32 0.25 0.00	37.67 0.34 0.00	41.18 0.53 0.00	48.05 0.99 0.00	52.19 1.42 0.00	63.43 1.97 0.00	64.31 2.23 0.00	44.12 1.28 0.00	40.99 1.16 0.00	35.95 0.88 0.00
JARVIS____ 23743	31.42 0.09 0.00	31.06 0.09 0.00	29.73 0.09 0.00	30.17 0.09 0.00	29.58 0.09 0.00	32.27 0.10 0.00	41.22 0.12 0.00	49.16 0.10 0.00	44.40 0.09 0.00	37.38 0.07 0.00	36.38 0.07 0.00	36.08 0.07 0.00	35.55 0.07 0.00	36.34 0.07 0.00	36.14 0.07 0.00	37.41 0.07 0.00	40.74 0.08 0.00	47.15 0.09 0.00	50.87 0.10 0.00	61.59 0.12 0.00	62.21 0.12 0.00	42.97 0.13 0.00	39.91 0.08 0.00	35.14 0.07 0.00
JENNISON__1 23625	32.23 0.91 0.00	31.86 0.90 0.00	30.47 0.83 0.00	30.92 0.84 0.00	30.38 0.88 0.00	33.17 1.00 0.00	42.61 1.52 0.00	50.88 1.82 0.00	45.99 1.68 0.00	38.57 1.27 0.00	37.54 1.23 0.00	37.16 1.15 0.00	36.58 1.10 0.00	37.35 1.09 0.00	37.12 1.05 0.00	38.39 1.05 -0.01	41.85 1.18 -0.02	48.52 1.46 -0.01	52.46 1.68 -0.01	63.56 2.09 0.00	64.33 2.23 -0.01	44.21 1.37 0.00	41.07 1.23 0.00	36.05 0.98 0.00
JENNISON__2 23626	32.23 0.91 0.00	31.86 0.90 0.00	30.47 0.83 0.00	30.92 0.84 0.00	30.38 0.88 0.00	33.17 1.00 0.00	42.61 1.52 0.00	50.88 1.82 0.00	45.99 1.68 0.00	38.57 1.27 0.00	37.54 1.23 0.00	37.16 1.15 0.00	36.58 1.10 0.00	37.35 1.09 0.00	37.12 1.05 -0.01	38.39 1.05 -0.02	41.85 1.18 -0.01	48.52 1.46 -0.01	52.46 1.68 -0.01	63.56 2.09 0.00	64.33 2.23 -0.01	44.21 1.37 0.00	41.07 1.23 0.00	36.05 0.98 0.00
JERICHO_RISE_WT_PWR 323719	30.76 -0.56 0.00	30.50 -0.46 0.00	29.25 -0.39 0.00	29.75 -0.33 0.00	29.23 -0.27 0.00	32.05 -0.13 0.00	41.09 0.00 0.00	49.26 0.20 0.00	44.53 0.22 0.00	37.53 0.23 0.00	36.49 0.18 0.00	36.12 0.11 0.00	35.62 0.14 0.00	36.37 0.11 0.00	36.14 0.07 0.00	37.44 0.11 0.00	40.82 0.16 0.00	47.29 0.24 0.00	51.13 0.36 0.00	61.84 0.37 0.00	62.27 0.19 0.00	42.84 0.00 0.00	39.71 -0.12 0.00	34.90 -0.17 0.00
KATONAH__115KV_46KV_TB4 355592	32.92 1.60 0.00	32.39 1.42 0.00	31.03 1.39 0.00	31.40 1.32 0.00	30.67 1.18 0.00	33.59 1.42 0.00	43.23 2.14 0.00	51.56 2.50 0.00	46.88 2.57 0.00	39.46 2.16 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.72 2.39 0.00	43.42 2.76 0.00	50.26 3.20 0.00	54.02 3.25 0.00	65.28 3.81 0.00	66.12 4.04 0.00	45.37 2.53 0.00	42.14 2.31 0.00	37.00 1.93 0.00
KCE_NY_1 323755	32.82 1.50 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.52 1.44 0.00	30.79 1.30 0.00	33.66 1.48 0.00	43.03 1.93 0.00	51.12 2.06 0.00	45.81 1.51 0.00	38.61 1.30 0.00	37.50 1.20 0.00	37.16 1.15 0.00	36.64 1.17 0.00	37.35 1.09 0.00	37.33 1.26 0.00	38.71 1.38 0.00	42.28 1.63 0.00	49.03 1.98 0.00	52.90 2.13 0.00	64.11 2.64 0.00	64.88 2.80 0.00	44.94 2.10 0.00	41.74 1.91 0.00	36.65 1.58 0.00
KCE_NY_6_ESR 323823	29.98 -1.35 0.00	29.23 -1.73 0.00	27.86 -1.78 0.00	28.15 -1.93 0.00	27.93 -1.56 0.00	30.02 -2.16 0.00	37.60 -3.49 0.00	45.33 -3.73 0.00	41.34 -2.97 0.00	33.98 -3.32 0.00	33.58 -2.72 0.00	33.31 -2.70 0.00	32.71 -2.77 0.00	33.51 -2.76 0.00	32.89 -3.17 0.01	33.84 -3.47 0.02	36.63 -3.98 0.04	42.42 -4.61 0.02	45.88 -4.87 0.02	55.62 -5.84 0.01	56.66 -5.40 0.02	38.89 -3.94 0.01	36.40 -3.43 0.01	32.09 -2.98 0.00
KEDC_PORT_JEFF_GT2 24210	47.39 2.41 -13.65	38.09 2.20 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.41 1.92 0.00	38.33 2.16 -4.00	48.20 3.16 -3.95	52.15 3.09 0.00	47.23 2.92 0.00	39.84 2.54 0.00	40.43 2.76 -1.37	41.87 2.74 -3.13	39.51 2.77 -1.26	41.91 2.90 -2.74	45.79 2.96 -6.76	46.60 3.10 -6.17	48.26 3.78 -3.83	60.27 4.52 -8.69	72.27 4.27 -17.23	89.03 5.29 -22.28	81.59 5.34 -14.17	52.54 3.64 -6.06	48.13 3.46 -4.84	46.55 2.84 -8.64
KEDC_PORT_JEFF_GT3 24211	47.39 2.41 -13.65	38.09 2.20 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.41 1.92 0.00	38.33 2.16 -4.00	48.20 3.16 -3.95	52.15 3.09 0.00	47.23 2.92 0.00	39.84 2.54 0.00	40.43 2.76 -1.37	41.87 2.74 -3.13	39.51 2.77 -1.26	41.91 2.90 -2.74	45.79 2.96 -6.76	46.60 3.10 -6.17	48.26 3.78 -3.83	60.27 4.52 -8.69	72.27 4.27 -17.23	89.03 5.29 -22.28	81.59 5.34 -14.17	52.54 3.64 -6.06	48.13 3.46 -4.84	46.55 2.84 -8.64
KEDC_GLWD_GT4 24219	47.01 2.03 -13.65	37.71 1.83 -4.92	31.42 1.78 0.00	31.73 1.65 0.00	31.05 1.56 0.00	37.98 1.80 -4.00	47.75 2.71 -3.95	52.01 2.94 0.00	47.23 2.92 0.00	39.84 2.54 0.00	40.32 2.65 -1.37	41.84 2.70 -3.13	39.47 2.73 -1.26	41.84 2.83 -2.74	45.71 2.89 -6.76	46.49 2.95 -6.21	50.13 3.33 -6.14	64.90 3.90 -13.94	82.22 3.81 -27.64	101.77 4.67 -35.64	89.52 4.72 -22.73	55.69 3.13 -9.72	47.57 2.91 -4.84	46.10 2.39 -8.64
KEDC_GLWD_GTS 24220	47.01 2.03 -13.65	37.71 1.83 -4.92	31.42 1.78 0.00	31.73 1.65 0.00	31.05 1.56 0.00	37.98 1.80 -4.00	47.75 2.71 -3.95	52.01 2.94 0.00	47.23 2.92 0.00	39.84 2.54 0.00	40.32 2.65 -1.37	41.84 2.70 -3.13	39.47 2.73 -1.26	41.84 2.83 -2.74	45.71 2.89 -6.76	46.49 2.95 -6.21	50.13 3.33 -6.14	64.90 3.90 -13.94	82.22 3.81 -27.64	101.77 4.67 -35.64	89.52 4.72 -22.73	55.69 3.13 -9.72	47.57 2.91 -4.84	46.10 2.39 -8.64
KENSICO____ 23655	32.89 1.57 0.00	32.36 1.39 0.00	30.97 1.33 0.00	31.34 1.26 0.00	30.61 1.12 0.00	33.53 1.35 0.00	43.19 2.10 0.00	51.51 2.45 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.10 2.09 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.38 2.31 0.00	39.68 2.35 0.00	43.38 2.72 0.00	50.21 3.15 0.00	54.02 3.25 0.00	65.28 3.81 0.00	66.06 3.97 0.00	45.37 2.53 0.00	42.10 2.27 0.00	36.93 1.86 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.92 1.60 0.00	32.45 1.49 0.00	31.03 1.39 0.00	31.43 1.35 0.00	30.70 1.21 0.00	33.66 1.48 0.00	43.31 2.22 0.00	51.42 2.35 0.00	46.66 2.35 0.00	39.20 1.90 0.00	38.12 1.82 0.00	37.81 1.80 0.00	37.32 1.84 0.00	38.18 1.92 0.00	38.05 1.98 0.00	39.39 2.05 0.00	43.02 2.36 -0.01	49.88 2.82 0.00	53.67 2.89 0.00	65.03 3.56 0.00	65.75 3.66 0.00	45.33 2.48 0.00	42.06 2.23 0.00	36.90 1.82 0.00
KIAC_JFK_GT1 23816	32.79 1.47 0.00	32.20 1.24 0.00	30.85 1.22 0.00	31.19 1.11 0.00	30.46 0.97 0.01	33.40 1.22 0.00	43.11 2.01 0.00	51.27 2.21 0.00	46.97 2.66 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.72 2.39 0.00	43.46 2.81 0.00	50.07 3.01 0.00	53.82 3.05 0.00	65.03 3.56 0.00	65.75 3.66 0.00	45.11 2.27 0.00	42.10 2.27 0.00	36.86 1.79 0.00
KIAC_JFK_GT2 23817	32.79 1.47 0.00	32.20 1.24 0.00	30.85 1.22 0.00	31.19 1.11 0.00	30.46 0.97 0.01	33.40 1.22 0.00	43.11 2.01 0.00	51.27 2.21 0.00	46.97 2.66 0.00	39.43 2.13 0.00	38.41 2.11 0.00	38.13 2.12 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.72 2.39 0.00	43.46 2.81 0.00	50.07 3.01 0.00	53.82 3.05 0.00	65.03 3.56 0.00	65.75 3.66 0.00	45.11 2.27 0.00	42.10 2.27 0.00	36.86 1.79 0.00
KIAC_JFK____ 323774	32.79 1.47 0.00	32.17 1.21 0.00	30.85 1.22 0.00	31.19 1.11 0.00	30.46 0.97 0.01	33.33 1.16 0.00	43.11 2.01 0.00	51.27 2.21 0.00	46.88 2.57 0.00	39.43 2.13 0.00	38.41 2.10 0.00	38.10 2.09 0.00	37.64 2.16 0.00	38.51 2.25 0.00	38.41 2.34 0.00	39.72 2.39 0.00	43.46 2.80 0.00	50.07 3.01 0.00	53.61 2.84 0.00	65.03 3.56 0.00	65.68 3.60 0.00	45.07 2.23 0.00	42.10 2.27 0.00	36.86 1.79 0.00
KINTIGH_24_KV_GSU 356498	29.94 -1.38 0.00	29.23 -1.73 0.00	27.86 -1.78 0.00	28.15 -1.93 0.00	27.90 -1.59 0.00	30.05 -2.12 0.00	37.56 -3.53 0.00	45.38 -3.68 0.00	41.29 -3.01 0.00	34.09 -3.21 0.00	33.58 -2.72 0.00	33.38 -2.63 0.00	32.78 -2.70 0.00	33.62 -2.65 0.00	33.03 -3.03 0.01	33.80 -3.51 0.02	35.78 -4.84 0.04	41.39 -5.65 0.02	45.98 -4.77 0.02	55.87 -5.59 0.01	56.85 -5.21 0.02	38.98 -3.86 0.01	36.64 -3.19 0.01	32.30 -2.77 0.00
KINTIGH____ 23543	29.94 -1.38 0.00	29.23 -1.73 0.00	27.86 -1.78 0.00	28.15 -1.92 0.00	27.90 -1.59 0.00	29.63 -2.54 0.00	37.56 -3.53 0.00	45.38 -3.68 0.00	40.98 -3.32 0.00	34.09 -3.21 0.00	33.58 -2.72 0.00	33.27 -2.74 0.00	32.78 -2.70 0.00	33.54 -2.72 0.01	33.00 -3.07 0.02	33.77 -3.55 0.02	35.78 -4.84 0.04	41.39 -5.65 0.02	44.71 -6.04 0.02	55.80 -5.65 0.01	55.55 -6.52 0.02	38.94 -3.90 0.01	36.64 -3.19 0.01	32.27 -2.81 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.04 -0.28 0.00	30.84 -0.12 0.00	29.58 -0.06 0.00	30.08 0.00 0.00	29.55 0.06 0.00	32.40 0.23 0.00	41.67 0.58 0.00	49.94 0.88 0.00	45.15 0.84 0.00	38.05 0.75 0.00	36.96 0.65 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.77 0.51 0.00	36.50 0.43 0.00	37.85 0.52 0.00	41.39 0.73 0.00	47.95 0.89 0.00	51.84 1.07 0.00	62.76 1.29 0.00	63.32 1.24 0.00	43.44 0.60 0.00	40.23 0.40 0.00	35.28 0.21 0.00
LACHUTE__HYDRO 323717	33.80 2.47 0.00	33.38 2.42 0.00	32.01 2.37 0.00	32.57 2.49 0.00	31.67 2.18 0.00	34.75 2.57 0.00	44.42 3.33 0.00	52.44 3.38 0.00	46.57 2.26 0.00	39.13 1.83 0.00	37.97 1.67 0.00	37.63 1.62 0.00	37.03 1.56 0.00	37.64 1.38 0.00	37.65 1.59 0.00	39.12 1.79 0.00	42.81 2.15 0.00	49.88 2.82 0.00	54.12 3.35 0.00	65.77 4.30 0.00	66.80 4.72 0.00	46.31 3.47 0.00	42.98 3.15 0.00	37.60 2.53 0.00
LAWRNCV_115KV_TB1 80681	30.10 -1.22 0.00	29.91 -1.05 0.00	28.69 -0.95 0.00	29.17 -0.90 0.00	28.67 -0.83 0.00	31.40 -0.77 0.00	40.35 -0.74 0.00	48.33 -0.74 0.00	43.55 -0.75 0.00	36.63 -0.67 0.00	35.58 -0.73 0.00	35.18 -0.83 0.00	34.77 -0.71 0.00	35.50 -0.76 0.00	35.31 -0.76 0.00	36.55 -0.78 0.00	39.92 -0.73 0.00	46.26 -0.80 0.00	50.06 -0.71 0.00	60.73 -0.74 0.00	61.40 -0.68 0.00	42.11 -0.73 0.00	39.03 -0.80 0.00	34.30 -0.77 0.00
LEDERLE____ 23769	32.89 1.57 0.00	32.36 1.39 0.00	30.97 1.33 0.00	31.34 1.26 0.00	30.61 1.12 0.00	33.56 1.38 0.00	43.19 2.10 0.00	51.47 2.40 0.00	46.79 2.48 0.00	39.35 2.05 0.00	38.30 2.00 0.00	38.02 2.02 0.00	37.57 2.09 0.00	38.40 2.14 0.00	38.31 2.24 0.00	39.61 2.28 0.00	43.26 2.60 -0.01	50.07 3.01 0.00	53.92 3.15 0.00	65.22 3.75 0.00	66.00 3.91 0.00	45.37 2.53 0.00	42.10 2.27 0.00	36.90 1.82 0.00
LIGHTHSE_115KV_TB6 355974	30.91 -0.41 0.00	30.69 -0.28 0.00	29.40 -0.24 0.00	29.96 -0.12 0.00	29.52 0.03 0.00	32.14 -0.03 0.00	41.22 0.12 0.00	49.31 0.25 0.00	44.26 -0.04 0.00	36.93 -0.37 0.00	36.01 -0.29 0.00	35.79 -0.22 0.00	35.23 -0.25 0.00	36.01 -0.25 0.00	35.85 -0.22 0.00	37.03 -0.30 0.00	40.09 -0.57 0.00	46.73 -0.33 0.00	50.82 0.05 0.00	62.26 0.80 0.00	63.45 1.37 0.00	43.61 0.77 0.00	40.27 0.44 0.00	35.25 0.18 0.00
LINDEN COGEN____ 23786	32.89 1.57 0.00	32.33 1.36 0.00	31.00 1.36 0.00	31.34 1.26 0.00	30.61 1.12 0.00	33.49 1.32 0.00	43.19 2.09 0.00	51.61 2.55 0.00	46.92 2.61 0.00	39.46 2.16 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.71 2.24 0.00	38.59 2.32 0.00	38.49 2.42 0.00	39.76 2.43 0.00	43.46 2.80 0.00	50.35 3.29 0.00	53.92 3.15 0.00	65.34 3.87 0.00	66.00 3.91 0.00	45.41 2.57 0.00	42.14 2.31 0.00	36.93 1.86 0.00
LINDHRST_69_KV_BK1 356055	47.51 2.54 -13.65	38.21 2.32 -4.92	31.83 2.19 0.00	32.15 2.08 0.00	31.50 2.01 0.00	38.49 2.32 -4.00	48.41 3.37 -3.95	52.45 3.39 0.00	47.90 3.59 0.00	40.14 2.83 0.00	40.76 3.09 -1.37	42.23 3.10 -3.13	39.86 3.12 -1.26	42.23 3.23 -2.74	46.15 3.32 -6.76	46.95 3.43 -6.18	48.99 3.94 -4.39	61.69 4.66 -9.97	75.32 4.77 -19.77	92.56 5.65 -25.44	84.18 5.84 -16.26	53.65 3.86 -6.96	48.25 3.58 -4.84	46.66 2.95 -8.64
LIPA_MISC_IPP 23656	47.26 2.29 -13.65	37.99 2.11 -4.92	31.63 1.99 0.00	31.94 1.86 0.00	31.29 1.80 0.00	38.24 2.06 -4.00	48.04 3.00 -3.95	52.01 2.94 0.00	47.50 3.19 0.00	39.61 2.31 0.00	40.14 2.47 -1.37	41.58 2.45 -3.13	39.22 2.48 -1.26	41.62 2.61 -2.74	45.50 2.67 -6.76	46.30 2.80 -6.17	48.05 3.58 -3.81	60.05 4.33 -8.66	72.06 4.11 -17.17	88.46 4.79 -22.20	81.17 4.97 -14.12	52.31 3.43 -6.04	48.01 3.35 -4.84	46.45 2.74 -8.64
LISF__SOLAR 323691	47.33 2.35 -13.65	38.02 2.13 -4.92	31.68 2.04 0.00	32.00 1.93 0.00	31.35 1.86 0.00	38.24 2.06 -4.00	48.12 3.08 -3.95	52.05 2.99 0.00	47.01 2.70 0.00	39.65 2.35 0.00	40.14 2.47 -1.37	41.59 2.45 -3.13	39.22 2.48 -1.26	41.62 2.61 -2.74	45.53 2.71 -6.76	46.34 2.84 -6.17	48.09 3.62 -3.82	60.15 4.42 -8.67	71.97 4.01 -17.19	88.67 4.98 -22.22	81.19 4.97 -14.14	52.40 3.51 -6.05	48.09 3.43 -4.84	46.52 2.81 -8.64

LITTLE FALLS___HYD 24013	30.91 -0.41 0.00	30.59 -0.37 0.00	29.34 -0.30 0.00	29.78 -0.30 0.00	29.17 -0.32 0.00	31.89 -0.29 0.00	40.81 -0.29 0.00	48.72 -0.34 0.00	44.00 -0.31 0.00	37.08 -0.22 0.00	36.01 -0.29 0.00	35.68 -0.32 0.00	35.09 -0.39 0.00	35.79 -0.47 0.00	35.56 -0.50 0.00	36.55 -0.78 0.00	39.76 -0.89 0.00	45.93 -1.13 0.00	49.45 -1.32 0.00	59.81 -1.66 0.00	60.28 -1.80 0.00	41.68 -1.16 0.00	38.64 -1.19 0.00	33.95 -1.12 0.00
LITTLRIV_115KV_TB1 356100	30.35 -0.97 0.00	30.16 -0.81 0.00	28.93 -0.71 0.00	29.41 -0.66 0.00	28.93 -0.56 0.00	31.69 -0.48 0.00	40.81 -0.29 0.00	48.77 -0.29 0.00	43.82 -0.49 0.00	36.78 -0.52 0.00	35.65 -0.65 0.00	35.25 -0.76 0.00	34.80 -0.67 0.00	35.57 -0.69 0.00	35.35 -0.72 0.00	36.62 -0.71 0.00	40.09 -0.57 0.00	46.59 -0.47 0.00	50.47 -0.30 0.00	61.40 -0.06 0.00	62.08 0.00 0.00	42.54 -0.30 0.00	39.39 -0.44 0.00	34.58 -0.49 0.00
LI_NEWBRDGE___DRP 323616	46.95 1.97 -13.65	37.68 1.80 -4.92	31.33 1.69 0.00	31.67 1.59 0.00	31.00 1.50 0.00	37.95 1.77 -4.00	47.67 2.63 -3.95	51.56 2.50 0.00	47.19 2.88 0.00	39.61 2.31 0.00	40.18 2.50 -1.37	41.66 2.52 -3.13	39.29 2.55 -1.26	41.65 2.65 -2.74	45.57 2.74 -6.76	46.26 2.76 -6.17	47.42 3.17 -3.59	58.89 3.67 -8.16	70.66 3.71 -16.18	86.62 4.24 -20.91	79.79 4.41 -13.30	51.44 2.91 -5.69	47.42 2.75 -4.84	45.99 2.28 -8.64
LOCKPORT_115KV_TB60_63_64 80432	29.82 -1.50 0.00	29.11 -1.86 0.00	27.74 -1.90 0.00	28.03 -2.05 0.00	27.81 -1.68 0.00	29.22 -2.96 0.00	37.07 -4.03 0.00	44.79 -4.27 0.00	40.45 -3.85 0.00	33.53 -3.77 0.00	33.11 -3.19 0.00	32.77 -3.24 0.00	32.32 -3.16 0.00	33.04 -3.23 0.00	32.46 -3.61 0.01	33.32 -3.99 0.02	35.50 -5.12 0.03	41.11 -5.93 0.02	44.36 -6.40 0.02	54.88 -6.58 0.01	54.92 -7.14 0.02	38.33 -4.50 0.01	36.08 -3.74 0.01	31.78 -3.30 0.00
LOCKPORT___CC1 323769	29.79 -1.53 0.00	29.11 -1.86 0.00	27.71 -1.93 0.00	28.00 -2.07 0.00	27.78 -1.71 0.00	29.70 -2.48 0.00	37.07 -4.03 0.00	44.79 -4.27 0.00	40.81 -3.50 0.00	33.54 -3.77 0.00	33.11 -3.19 0.00	32.87 -3.13 0.00	32.32 -3.16 0.00	33.11 -3.16 0.00	32.49 -3.57 0.01	33.32 -3.99 0.02	35.54 -5.08 0.03	41.11 -5.93 0.02	45.27 -5.48 0.02	54.88 -6.58 0.01	55.98 -6.08 0.02	38.38 -4.46 0.01	36.08 -3.75 0.01	31.81 -3.26 0.00
LOCKPORT___CC2 323770	29.79 -1.53 0.00	29.11 -1.86 0.00	27.71 -1.93 0.00	28.00 -2.07 0.00	27.78 -1.71 0.00	29.70 -2.48 0.00	37.07 -4.03 0.00	44.79 -4.27 0.00	40.81 -3.50 0.00	33.54 -3.77 0.00	33.11 -3.19 0.00	32.87 -3.13 0.00	32.32 -3.16 0.00	33.11 -3.16 0.00	32.49 -3.57 0.01	33.32 -3.99 0.02	35.54 -5.08 0.03	41.11 -5.93 0.02	45.27 -5.48 0.02	54.88 -6.58 0.01	55.98 -6.08 0.02	38.38 -4.46 0.01	36.08 -3.75 0.01	31.81 -3.26 0.00
LOCKPORT___CC3 323771	29.79 -1.53 0.00	29.11 -1.86 0.00	27.71 -1.93 0.00	28.00 -2.07 0.00	27.78 -1.71 0.00	29.70 -2.48 0.00	37.07 -4.03 0.00	44.79 -4.27 0.00	40.81 -3.50 0.00	33.54 -3.77 0.00	33.11 -3.19 0.00	32.87 -3.13 0.00	32.32 -3.16 0.00	33.11 -3.16 0.00	32.49 -3.57 0.01	33.32 -3.99 0.02	35.54 -5.08 0.03	41.11 -5.93 0.02	45.27 -5.48 0.02	54.88 -6.58 0.01	55.98 -6.08 0.02	38.38 -4.46 0.01	36.08 -3.75 0.01	31.81 -3.26 0.00
LOCUSVLY_69_KV_BK2 55797	47.14 2.16 -13.65	37.87 1.98 -4.92	31.51 1.87 0.00	31.85 1.77 0.00	31.17 1.68 0.00	38.11 1.93 -4.00	47.92 2.88 -3.95	52.01 2.94 0.00	47.54 3.23 0.00	39.91 2.61 0.00	40.47 2.80 -1.37	41.94 2.81 -3.13	39.58 2.84 -1.26	41.98 2.97 -2.74	45.86 3.03 -6.76	46.63 3.10 -6.20	49.65 3.46 -5.54	63.63 4.00 -12.57	79.76 4.06 -24.93	98.41 4.79 -32.15	87.49 4.90 -20.50	54.82 3.21 -8.77	47.70 3.03 -4.84	46.20 2.49 -8.64
LONG LAKE PHOENIX 24014	30.66 -0.66 0.00	30.28 -0.68 0.00	28.93 -0.71 0.00	29.38 -0.69 0.00	28.81 -0.68 0.00	31.34 -0.84 0.00	39.94 -1.15 0.00	47.74 -1.32 0.00	43.11 -1.20 0.00	36.26 -1.04 0.00	35.32 -0.98 0.00	35.04 -0.97 0.00	34.48 -0.99 0.00	35.25 -1.02 0.00	35.02 -1.05 0.00	36.25 -1.08 0.00	39.39 -1.26 0.00	45.60 -1.46 0.00	49.25 -1.52 0.00	59.74 -1.72 0.00	60.34 -1.74 0.00	41.64 -1.20 0.00	38.76 -1.08 0.00	34.20 -0.88 0.00
LOVETT___3 23632	32.76 1.44 0.00	32.23 1.27 0.00	30.88 1.24 0.00	31.25 1.17 0.00	30.52 1.03 0.00	33.43 1.25 0.00	43.02 1.93 0.00	51.32 2.26 0.00	46.66 2.35 0.00	39.24 1.94 0.00	38.23 1.92 0.00	37.95 1.94 0.00	37.46 1.99 0.00	38.29 2.03 0.00	38.20 2.13 0.00	39.50 2.17 0.00	43.13 2.48 0.00	49.97 2.92 0.00	53.77 3.00 0.00	65.03 3.56 0.00	65.75 3.66 0.00	45.20 2.36 0.00	41.94 2.11 0.00	36.79 1.72 0.00
LOVETT___4 23642	32.76 1.44 0.00	32.23 1.27 0.00	30.88 1.24 0.00	31.25 1.17 0.00	30.52 1.03 0.00	33.43 1.25 0.00	43.02 1.93 0.00	51.32 2.26 0.00	46.66 2.35 0.00	39.24 1.94 0.00	38.23 1.92 0.00	37.95 1.94 0.00	37.46 1.99 0.00	38.29 2.03 0.00	38.20 2.13 0.00	39.50 2.17 0.00	43.13 2.48 0.00	49.97 2.92 0.00	53.77 3.00 0.00	65.03 3.56 0.00	65.75 3.66 0.00	45.20 2.36 0.00	41.94 2.11 0.00	36.79 1.72 0.00
LOVETT___5 23593	32.76 1.44 0.00	32.23 1.27 0.00	30.88 1.24 0.00	31.25 1.17 0.00	30.52 1.03 0.00	33.43 1.25 0.00	43.02 1.93 0.00	51.32 2.26 0.00	46.66 2.35 0.00	39.24 1.94 0.00	38.23 1.92 0.00	37.95 1.94 0.00	37.46 1.99 0.00	38.29 2.03 0.00	38.20 2.13 0.00	39.50 2.17 0.00	43.13 2.48 0.00	49.97 2.92 0.00	53.77 3.00 0.00	65.03 3.56 0.00	65.75 3.66 0.00	45.20 2.36 0.00	41.94 2.11 0.00	36.79 1.72 0.00
LOWER RAQUET___HYD 24057	29.88 -1.44 0.00	29.73 -1.24 0.00	28.51 -1.13 0.00	28.99 -1.08 0.00	28.49 -1.00 0.00	31.24 -0.93 0.00	40.15 -0.94 0.00	48.08 -0.98 0.00	43.29 -1.02 0.00	36.44 -0.86 0.00	35.36 -0.94 0.00	34.96 -1.05 0.00	34.55 -0.92 0.00	35.29 -0.98 0.00	35.10 -0.97 0.00	36.33 -1.01 0.00	39.68 -0.98 0.00	46.02 -1.04 0.00	49.96 -0.81 0.00	60.48 -0.99 0.00	61.03 -1.06 0.00	41.94 -0.90 0.00	38.84 -0.99 0.00	34.13 -0.95 0.00
LOWER___HUDSON 24059	32.61 1.28 0.00	32.23 1.27 0.00	30.85 1.22 0.00	31.31 1.23 0.00	30.64 1.15 0.00	33.43 1.25 0.00	42.78 1.69 0.00	50.93 1.86 0.00	45.72 1.42 0.00	38.61 1.30 0.00	37.46 1.16 0.00	37.19 1.19 0.00	36.64 1.17 0.00	37.42 1.16 0.00	37.33 1.26 0.00	38.67 1.34 0.00	42.24 1.58 0.00	48.89 1.83 0.00	52.65 1.88 0.00	63.74 2.28 0.00	64.38 2.30 0.00	44.64 1.80 0.00	41.50 1.67 0.00	36.44 1.37 0.00
LOWVILLE_115KV_TB2 356335	30.60 -0.72 0.00	30.44 -0.53 0.00	29.25 -0.39 0.00	29.96 -0.12 0.00	29.52 0.03 0.00	32.34 0.16 0.00	41.67 0.58 0.00	49.99 0.93 0.00	44.93 0.62 0.00	37.53 0.22 0.00	36.48 0.18 0.00	36.08 0.07 0.00	35.58 0.11 0.00	36.34 0.07 0.00	36.18 0.11 0.00	37.52 0.19 0.00	40.82 0.16 0.00	47.53 0.47 0.00	51.69 0.91 0.00	63.12 1.66 0.00	64.07 1.99 0.00	43.91 1.07 0.00	40.55 0.72 0.00	35.46 0.39 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	32.79 1.47 0.00	32.39 1.42 0.00	31.03 1.39 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.66 1.48 0.00	42.98 1.89 0.00	51.12 2.06 0.00	45.81 1.51 0.00	38.57 1.27 0.00	37.47 1.16 0.00	37.20 1.19 0.00	36.61 1.14 0.00	37.35 1.09 0.00	37.33 1.26 0.00	38.68 1.34 0.00	42.24 1.59 0.00	49.03 1.98 0.00	53.01 2.23 0.00	64.11 2.64 0.00	64.94 2.86 0.00	44.90 2.06 0.00	41.74 1.91 0.00	36.62 1.54 0.00
LUTHERNY_35_KV_BK2 355980	32.82 1.50 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.52 1.44 0.00	30.79 1.30 0.00	33.69 1.51 0.00	43.02 1.93 0.00	51.12 2.06 0.00	45.81 1.51 0.00	38.61 1.31 0.00	37.50 1.20 0.00	37.23 1.22 0.00	36.65 1.17 0.00	37.35 1.09 0.00	37.33 1.26 0.00	38.71 1.38 0.00	42.28 1.63 0.00	49.03 1.98 0.00	53.01 2.23 0.00	64.11 2.64 0.00	64.94 2.86 0.00	44.94 2.10 0.00	41.74 1.91 0.00	36.65 1.58 0.00
LWR__OSWEGATCHIE_HYD 23850	30.01 -1.32 0.00	29.85 -1.11 0.00	28.66 -0.98 0.00	29.23 -0.84 0.00	28.78 -0.71 0.00	31.53 -0.64 0.00	40.60 -0.49 0.00	48.67 -0.39 0.00	43.78 -0.53 0.00	36.67 -0.63 0.00	35.58 -0.73 0.00	35.22 -0.79 0.00	34.77 -0.71 0.00	35.50 -0.76 0.00	35.31 -0.76 0.00	36.59 -0.75 0.00	39.84 -0.81 0.00	46.35 -0.71 0.00	50.26 -0.51 0.00	61.28 -0.18 0.00	62.14 0.06 0.00	42.58 -0.26 0.00	39.39 -0.44 0.00	34.51 -0.56 0.00
LYONS_FALL_HYD 23570	31.01 -0.31 0.00	30.81 -0.15 0.00	29.55 -0.09 0.00	30.17 0.09 0.00	29.73 0.23 0.00	32.56 0.39 0.00	41.83 0.74 0.00	50.14 1.08 0.00	45.15 0.84 0.00	37.75 0.45 0.00	36.70 0.40 0.00	36.37 0.36 0.00	35.83 0.35 0.00	36.59 0.33 0.00	36.43 0.36 0.00	37.74 0.41 0.00	41.06 0.41 0.00	47.76 0.71 0.00	51.84 1.07 0.00	63.18 1.72 0.00	64.07 1.99 0.00	43.95 1.11 0.00	40.63 0.80 0.00	35.56 0.49 0.00
MADISON__COUNTY_LFGE 323628	31.79 0.47 0.00	31.43 0.46 0.00	30.08 0.44 0.00	30.56 0.48 0.00	30.05 0.56 0.00	32.79 0.61 0.00	42.00 0.90 0.00	50.19 1.13 0.00	45.28 0.97 0.00	37.97 0.67 0.00	36.96 0.65 0.00	36.62 0.61 0.00	36.04 0.57 0.00	36.88 0.62 0.00	36.65 0.58 0.00	37.97 0.63 0.00	41.31 0.65 0.00	47.95 0.89 0.00	51.89 1.12 0.00	63.00 1.54 0.00	63.76 1.68 0.00	43.87 1.03 0.00	40.67 0.84 0.00	35.70 0.63 0.00
MALONE__115KV_TB1 356076	30.73 -0.60 0.00	30.50 -0.46 0.00	29.25 -0.39 0.00	29.78 -0.30 0.00	29.26 -0.24 0.00	32.05 -0.13 0.00	41.26 0.16 0.00	49.50 0.44 0.00	44.71 0.40 0.00	37.67 0.37 0.00	36.56 0.25 0.00	36.15 0.14 0.00	35.65 0.18 0.00	36.41 0.15 0.00	36.14 0.07 0.00	37.48 0.15 0.00	40.98 0.33 0.00	47.48 0.42 0.00	51.38 0.61 0.00	62.20 0.74 0.00	62.83 0.74 0.00	43.05 0.21 0.00	39.87 0.04 0.00	35.00 -0.07 0.00
MAPLEWOD_115KV_TB3 80458	32.48 1.16 0.00	32.20 1.24 0.00	30.82 1.19 0.00	31.25 1.17 0.00	30.58 1.09 0.00	33.46 1.29 0.00	42.53 1.44 0.00	50.63 1.57 0.00	45.59 1.28 0.00	38.46 1.16 0.00	37.36 1.05 0.00	37.09 1.08 0.00	36.54 1.06 0.00	37.31 1.05 0.00	37.22 1.15 0.00	38.56 1.23 0.00	42.08 1.42 0.00	48.61 1.55 0.00	52.50 1.73 0.00	63.31 1.84 0.00	64.07 1.99 0.00	44.34 1.50 0.00	41.23 1.39 0.00	36.23 1.16 0.00
MAPLE_RIDGE_WT_1 323574	30.60 -0.72 0.00	30.31 -0.65 0.00	29.08 -0.56 0.00	29.59 -0.48 0.00	29.08 -0.41 0.00	31.82 -0.35 0.00	40.72 -0.37 0.00	48.72 -0.34 0.00	44.04 -0.26 0.00	37.12 -0.19 0.00	36.16 -0.14 0.00	35.86 -0.14 0.00	35.30 -0.18 0.00	36.08 -0.18 0.00	35.89 -0.18 0.00	37.11 -0.22 0.00	40.41 -0.24 0.00	46.73 -0.33 0.00	50.42 -0.35 0.00	60.91 -0.55 0.00	61.46 -0.62 0.00	42.33 -0.51 0.00	39.31 -0.52 0.00	34.58 -0.49 0.00
MAPLE_RIDGE_WT_2 323611	30.60 -0.72 0.00	30.31 -0.65 0.00	29.08 -0.56 0.00	29.59 -0.48 0.00	29.08 -0.41 0.00	31.82 -0.35 0.00	40.72 -0.37 0.00	48.72 -0.34 0.00	44.04 -0.26 0.00	37.12 -0.19 0.00	36.16 -0.14 0.00	35.86 -0.14 0.00	35.30 -0.18 0.00	36.08 -0.18 0.00	35.89 -0.18 0.00	37.11 -0.22 0.00	40.41 -0.24 0.00	46.73 -0.33 0.00	50.42 -0.35 0.00	60.91 -0.55 0.00	61.46 -0.62 0.00	42.33 -0.51 0.00	39.31 -0.52 0.00	34.58 -0.49 0.00
MARBLE_RIVER_WT_PWR 323696	30.79 -0.53 0.00	30.56 -0.40 0.00	29.31 -0.33 0.00	29.80 -0.27 0.00	29.29 -0.21 0.00	32.08 -0.10 0.00	41.13 0.04 0.00	49.31 0.25 0.00	44.57 0.27 0.00	37.56 0.26 0.00	36.52 0.22 0.00	36.19 0.18 0.00	35.65 0.18 0.00	36.41 0.15 0.00	36.18 0.11 0.00	37.44 0.11 0.00	40.86 0.20 0.00	47.29 0.24 0.00	51.18 0.40 0.00	61.84 0.37 0.00	62.33 0.25 0.00	42.88 0.04 0.00	39.75 -0.08 0.00	34.93 -0.14 0.00
MARSHVLE_115KV_TB1 80742	33.29 1.97 0.00	32.82 1.86 0.00	31.42 1.78 0.00	31.91 1.83 0.00	31.29 1.80 0.00	34.27 2.09 0.00	43.93 2.84 0.00	51.81 2.75 0.00	45.90 1.60 0.00	38.31 1.01 0.00	37.10 0.80 0.00	36.84 0.83 0.00	36.33 0.85 0.00	37.06 0.80 0.00	37.12 1.05 0.00	38.49 1.16 0.00	42.12 1.46 0.00	49.32 2.26 0.00	53.67 2.89 0.00	65.28 3.81 0.00	66.24 4.16 0.00	45.88 3.04 0.00	42.58 2.75 0.00	37.28 2.21 0.00
MARSH_HILL_WT_PWR 323713	30.22 -1.10 0.00	29.63 -1.33 0.00	28.25 -1.39 0.00	28.69 -1.38 0.00	28.49 -1.00 0.00	30.89 -1.29 0.00	39.20 -1.89 0.00	47.15 -1.91 0.00	42.80 -1.51 0.00	35.25 -2.05 0.00	34.53 -1.78 0.00	34.06 -1.94 0.00	33.28 -2.20 0.00	34.09 -2.17 0.00	33.53 -2.53 0.01	34.58 -2.72 0.03	37.66 -2.93 0.07	43.87 -3.15 0.03	47.54 -3.20 0.03	57.83 -3.63 0.01	58.76 -3.29 0.03	40.26 -2.57 0.01	37.31 -2.51 0.01	32.69 -2.39 0.00
MCINTYRE_115KV_TB2 80467	30.79 -0.53 0.00	30.59 -0.37 0.00	29.34 -0.30 0.00	29.84 -0.24 0.00	29.34 -0.15 0.00	32.14 -0.03 0.00	41.34 0.25 0.00	49.36 0.29 0.00	44.26 -0.04 0.00	37.11 -0.19 0.00	35.98 -0.33 0.00	35.58 -0.43 0.00	35.09 -0.39 0.00	35.83 -0.44 0.00	35.64 -0.43 0.00	37.00 -0.34 0.00	40.53 -0.12 0.00	47.10 0.05 0.00	51.13 0.36 0.00	62.20 0.74 0.00	62.89 0.81 0.00	43.10 0.26 0.00	39.91 0.08 0.00	35.04 -0.04 0.00
MECO____69_KV_BK1 80468	33.45 2.13 0.00	32.98 2.01 0.00	31.57 1.93 0.00	32.09 2.02 0.00	31.44 1.95 0.00	34.43 2.25 0.00	44.09 3.00 0.00	51.91 2.85 0.00	45.95 1.64 0.00	38.31 1.01 0.00	37.07 0.76 0.00	36.76 0.76 0.00	36.19 0.71 0.00	36.88 0.62 0.00	37.01 0.94 0.00	38.45 1.12 0.00	42.16 1.50 0.00	49.41 2.35 0.00	53.87 3.10 0.00	65.58 4.12 0.00	66.61 4.53 0.00	46.10 3.26 0.00	42.78 2.95 0.00	37.42 2.35 0.00
MENANDS__115KV_TB5 355628	32.42 1.10 0.00	32.14 1.18 0.00	30.77 1.13 0.00	31.22 1.14 0.00	30.52 1.03 0.00	33.40 1.22 0.00	42.41 1.31 0.00	50.48 1.42 0.00	45.46 1.15 0.00	38.38 1.08 0.00	37.28 0.98 0.00	37.02 1.01 0.00	36.47 0.99 0.00	37.24 0.98 0.00	37.15 1.08 0.00	38.49 1.16 0.00	42.00 1.34 0.00	48.47 1.41 0.00	52.29 1.52 0.00	63.06 1.60 0.00	63.82 1.74 0.00	44.21 1.37 0.00	41.11 1.27 0.00	36.12 1.05 0.00

MG INDUSTRY___DRP 24185	32.35 1.03 0.00	32.05 1.08 0.00	30.68 1.04 0.00	31.13 1.05 0.00	30.46 0.97 0.00	33.30 1.13 0.00	42.37 1.27 0.00	50.39 1.32 0.00	45.33 1.02 0.00	38.20 0.90 0.00	37.10 0.80 0.00	36.84 0.83 0.00	36.29 0.82 0.00	37.06 0.80 0.00	36.97 0.90 0.00	38.30 0.97 0.00	41.83 1.18 0.00	48.33 1.27 0.00	52.19 1.42 0.00	62.94 1.48 0.00	63.76 1.68 0.00	44.12 1.29 0.00	41.07 1.23 0.00	36.09 1.02 0.00
MID___OSWEGATCHIE_HYD 23849	30.01 -1.32 0.00	29.85 -1.11 0.00	28.66 -0.98 0.00	29.23 -0.84 0.00	28.78 -0.71 0.00	31.53 -0.64 0.00	40.60 -0.49 0.00	48.67 -0.39 0.00	43.78 -0.53 0.00	36.67 -0.63 0.00	35.58 -0.73 0.00	35.22 -0.79 0.00	34.77 -0.71 0.00	35.50 -0.76 0.00	35.31 -0.76 0.00	36.59 -0.75 0.00	39.84 -0.81 0.00	46.35 -0.71 0.00	50.26 -0.51 0.00	61.28 -0.18 0.00	62.14 0.06 0.00	42.58 -0.26 0.00	39.39 -0.44 0.00	34.51 -0.56 0.00
MID___RAQUETTE_HYD 23851	29.88 -1.44 0.00	29.73 -1.24 0.00	28.51 -1.13 0.00	28.99 -1.08 0.00	28.49 -1.00 0.00	31.21 -0.97 0.00	40.15 -0.95 0.00	48.08 -0.98 0.00	43.33 -0.97 0.00	36.44 -0.86 0.00	35.36 -0.94 0.00	34.96 -1.04 0.00	34.55 -0.92 0.00	35.32 -0.94 0.00	35.10 -0.97 0.00	36.32 -1.01 0.00	39.68 -0.98 0.00	46.02 -1.04 0.00	49.81 -0.96 0.00	60.48 -0.98 0.00	61.15 -0.93 0.00	41.94 -0.90 0.00	38.84 -1.00 0.00	34.13 -0.95 0.00
MILLIKEN___1 23584	31.73 0.41 0.00	31.34 0.37 0.00	29.91 0.27 0.00	30.35 0.27 0.00	29.79 0.29 0.00	32.40 0.23 0.00	41.50 0.41 0.00	49.65 0.59 0.00	44.79 0.49 0.00	37.56 0.26 0.00	36.52 0.22 0.00	36.15 0.14 0.00	35.55 0.07 0.00	36.37 0.11 0.00	36.14 0.07 0.00	37.44 0.11 0.01	40.76 0.12 0.01	47.33 0.28 0.01	51.22 0.46 0.01	62.14 0.68 0.00	62.88 0.81 0.01	43.27 0.43 0.00	40.23 0.40 0.00	35.39 0.32 0.00
MILLIKEN___2 23585	31.73 0.41 0.00	31.34 0.37 0.00	29.91 0.27 0.00	30.35 0.27 0.00	29.79 0.29 0.00	32.40 0.23 0.00	41.50 0.41 0.00	49.65 0.59 0.00	44.79 0.49 0.00	37.56 0.26 0.00	36.52 0.22 0.00	36.15 0.14 0.00	35.55 0.07 0.00	36.37 0.11 0.00	36.14 0.07 0.00	37.44 0.11 0.01	40.76 0.12 0.01	47.33 0.28 0.01	51.22 0.46 0.01	62.14 0.68 0.00	62.88 0.81 0.01	43.27 0.43 0.00	40.23 0.40 0.00	35.39 0.32 0.00
MILLIKEN___DIESEL 23629	31.73 0.41 0.00	31.34 0.37 0.00	29.91 0.27 0.00	30.35 0.27 0.00	29.79 0.29 0.00	32.40 0.23 0.00	41.50 0.41 0.00	49.65 0.59 0.00	44.79 0.49 0.00	37.56 0.26 0.00	36.52 0.22 0.00	36.15 0.14 0.00	35.55 0.07 0.00	36.37 0.11 0.00	36.14 0.07 0.00	37.44 0.11 0.01	40.76 0.12 0.01	47.33 0.28 0.01	51.22 0.46 0.01	62.14 0.68 0.00	62.88 0.81 0.01	43.27 0.43 0.00	40.23 0.40 0.00	35.39 0.32 0.00
MILLSEAT___LFGE 323607	30.26 -1.07 0.00	29.60 -1.36 0.00	28.22 -1.42 0.00	28.51 -1.57 0.00	28.25 -1.24 0.00	30.37 -1.80 0.00	38.13 -2.96 0.00	46.12 -2.94 0.00	41.91 -2.39 0.00	34.46 -2.84 0.00	33.91 -2.40 0.00	33.67 -2.34 0.00	33.10 -2.38 0.00	33.94 -2.32 0.00	33.29 -2.78 0.01	34.25 -3.06 0.02	36.56 -4.07 0.03	42.38 -4.66 0.02	46.64 -4.11 0.02	56.54 -4.92 0.01	57.72 -4.35 0.02	39.49 -3.34 0.01	37.04 -2.79 0.01	32.55 -2.53 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.82 1.50 0.00	32.30 1.33 0.00	30.94 1.30 0.00	31.31 1.23 0.00	30.58 1.09 0.00	33.49 1.32 0.00	43.11 2.01 0.00	51.42 2.35 0.00	46.74 2.44 0.00	39.32 2.01 0.00	38.30 2.00 0.00	38.02 2.02 0.00	37.53 2.06 0.00	38.40 2.14 0.00	38.31 2.24 0.00	39.61 2.28 0.00	43.26 2.60 0.00	50.11 3.06 0.00	53.92 3.15 0.00	65.15 3.69 0.00	65.87 3.79 0.00	45.28 2.44 0.00	42.02 2.19 0.00	36.86 1.79 0.00
MILLWOOD_13_KV_LOAD 356217	32.89 1.57 0.00	32.36 1.39 0.00	31.00 1.36 0.00	31.34 1.26 0.00	30.61 1.12 0.00	33.56 1.38 0.00	43.19 2.10 0.00	51.51 2.45 0.00	46.83 2.53 0.00	39.39 2.09 0.00	38.37 2.07 0.00	38.10 2.09 0.00	37.60 2.13 0.00	38.47 2.21 0.00	38.38 2.31 0.00	39.68 2.35 0.00	43.34 2.68 0.00	50.21 3.15 0.00	54.02 3.25 0.00	65.28 3.81 0.00	65.99 3.91 0.00	45.32 2.48 0.00	42.10 2.27 0.00	36.93 1.86 0.00
MODEL_CITY_ENERGY 24167	29.60 -1.72 0.00	28.92 -2.04 0.00	27.56 -2.08 0.00	27.85 -2.23 0.00	27.63 -1.86 0.00	29.41 -2.77 0.00	36.62 -4.48 0.00	44.26 -4.81 0.00	40.36 -3.94 0.00	33.16 -4.14 0.00	32.75 -3.56 0.00	32.52 -3.49 0.00	31.96 -3.51 0.00	32.75 -3.52 0.00	32.13 -3.93 0.01	32.95 -4.37 0.02	35.05 -5.57 0.04	40.54 -6.49 0.02	44.71 -6.04 0.02	54.27 -7.19 0.01	55.36 -6.71 0.02	37.95 -4.88 0.01	35.68 -4.14 0.01	31.46 -3.61 0.00
MODERN_LFGE___ 323580	29.60 -1.72 0.00	28.92 -2.04 0.00	27.56 -2.08 0.00	27.85 -2.23 0.00	27.63 -1.86 0.00	29.41 -2.77 0.00	36.62 -4.48 0.00	44.26 -4.81 0.00	40.36 -3.94 0.00	33.16 -4.14 0.00	32.75 -3.56 0.00	32.52 -3.49 0.00	31.96 -3.51 0.00	32.75 -3.52 0.00	32.13 -3.93 0.01	32.95 -4.37 0.02	35.05 -5.57 0.04	40.54 -6.49 0.02	44.71 -6.04 0.02	54.27 -7.19 0.01	55.36 -6.71 0.02	37.95 -4.88 0.01	35.68 -4.14 0.01	31.46 -3.61 0.00
MOHAWK_PAPER___DRP 24187	32.48 1.16 0.00	32.20 1.24 0.00	30.82 1.19 0.00	31.25 1.17 0.00	30.58 1.09 0.00	33.46 1.29 0.00	42.53 1.44 0.00	50.63 1.57 0.00	45.59 1.28 0.00	38.46 1.16 0.00	37.36 1.05 0.00	37.09 1.08 0.00	36.54 1.06 0.00	37.31 1.05 0.00	37.22 1.15 0.00	38.56 1.23 0.00	42.08 1.42 0.00	48.61 1.55 0.00	52.50 1.73 0.00	63.31 1.84 0.00	64.07 1.99 0.00	44.34 1.50 0.00	41.23 1.39 0.00	36.23 1.16 0.00
MOHICAN_35_KV_115KV_LD 80490	33.01 1.69 0.00	32.61 1.64 0.00	31.27 1.63 0.00	31.76 1.68 0.00	30.91 1.42 0.00	33.85 1.67 0.00	43.23 2.14 0.00	51.27 2.21 0.00	45.86 1.55 0.00	38.57 1.27 0.00	37.47 1.16 0.00	37.20 1.19 0.00	36.61 1.14 0.00	37.28 1.02 0.00	37.26 1.19 0.00	38.68 1.34 0.00	42.24 1.59 0.00	49.13 2.07 0.00	53.16 2.39 0.00	64.35 2.89 0.00	65.25 3.17 0.00	45.15 2.31 0.00	41.90 2.07 0.00	36.76 1.68 0.00
MONGAUP___HYD 23641	32.54 1.22 0.00	32.08 1.11 0.00	30.68 1.04 0.00	31.07 0.99 0.00	30.38 0.88 0.00	33.27 1.09 0.00	42.74 1.65 0.00	50.68 1.62 0.00	45.86 1.55 0.00	38.79 1.49 0.00	37.72 1.41 0.00	37.41 1.40 0.00	36.93 1.46 0.00	37.79 1.52 0.00	37.66 1.59 0.00	38.98 1.64 0.00	42.57 1.91 -0.01	49.41 2.35 0.00	52.70 1.93 0.00	64.11 2.64 0.00	64.75 2.67 0.00	44.72 1.88 0.00	41.50 1.67 0.00	36.40 1.33 0.00
MONTAUK___DIESEL 23721	47.01 2.04 -13.65	37.78 1.89 -4.92	31.39 1.75 0.00	31.61 1.53 0.00	30.91 1.42 0.00	37.79 1.61 -4.00	47.59 2.55 -3.95	51.81 2.75 0.00	47.32 3.01 0.00	39.58 2.28 0.00	40.18 2.50 -1.37	41.76 2.63 -3.13	39.50 2.77 -1.26	41.94 2.94 -2.74	45.82 2.99 -6.76	46.56 3.06 -6.17	48.37 3.90 -3.82	60.47 4.75 -8.66	72.57 4.62 -17.18	89.14 5.47 -22.21	81.61 5.40 -14.13	52.44 3.56 -6.04	47.97 3.31 -4.84	46.34 2.63 -8.64

MOONROAD_115KV_HARTFLD_TB1-2 355988	30.51 -0.81 0.00	29.85 -1.11 0.00	28.48 -1.16 0.00	28.75 -1.32 0.00	28.58 -0.91 0.00	30.44 -1.74 0.00	38.87 -2.22 0.00	46.76 -2.31 0.00	42.36 -1.95 0.00	35.06 -2.24 0.00	34.60 -1.71 0.00	34.17 -1.84 0.00	33.60 -1.88 0.00	34.16 -2.10 0.00	33.46 -2.60 0.01	34.58 -2.73 0.02	37.48 -3.13 0.04	43.22 -3.81 0.02	46.69 -4.06 0.02	56.42 -5.04 0.01	57.34 -4.72 0.02	39.45 -3.38 0.01	36.91 -2.91 0.01	32.51 -2.56 0.00
MORRIS RIDGE___SOLAR 323848	30.10 -1.22 0.00	29.45 -1.52 0.00	28.07 -1.57 0.00	28.42 -1.65 0.00	28.19 -1.30 0.00	30.44 -1.74 0.00	38.42 -2.67 0.00	46.21 -2.85 0.00	42.00 -2.31 0.00	34.62 -2.69 0.00	33.98 -2.32 0.00	33.60 -2.41 0.00	32.89 -2.59 0.00	33.69 -2.57 0.00	33.14 -2.92 0.01	34.17 -3.14 0.03	37.10 -3.50 0.06	43.12 -3.91 0.03	46.73 -4.01 0.03	56.84 -4.61 0.01	57.77 -4.28 0.03	39.61 -3.21 0.01	36.91 -2.91 0.01	32.44 -2.63 0.00
MORTIMER_115KV_TB3 55949	30.69 -0.63 0.00	30.13 -0.84 0.00	28.75 -0.89 0.00	29.14 -0.93 0.00	28.70 -0.80 0.00	31.05 -1.13 0.00	39.61 -1.48 0.00	47.74 -1.32 0.00	43.07 -1.24 0.00	36.03 -1.27 0.00	35.25 -1.05 0.00	34.96 -1.04 0.00	34.45 -1.03 0.00	35.25 -1.02 0.00	34.80 -1.26 0.00	35.90 -1.42 0.01	38.48 -2.15 0.02	44.55 -2.49 0.01	48.02 -2.74 0.01	59.06 -2.40 0.00	59.28 -2.79 0.01	41.16 -1.67 0.00	38.47 -1.35 0.00	33.81 -1.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.43 1.35 0.00	30.70 1.21 0.00	33.59 1.42 0.00	43.31 2.22 0.00	51.71 2.65 0.00	47.05 2.75 0.00	39.54 2.24 0.00	38.52 2.21 0.00	38.24 2.23 0.00	37.78 2.31 0.00	38.66 2.39 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.40 3.34 0.00	54.22 3.45 0.00	65.46 4.00 0.00	66.24 4.16 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00
MUNSVILLE_WIND_PWR 323609	32.61 1.28 0.00	32.27 1.30 0.00	30.88 1.24 0.00	31.40 1.32 0.00	30.94 1.44 0.00	33.85 1.67 0.00	43.56 2.47 0.00	52.05 2.99 0.00	47.01 2.70 0.00	39.20 1.90 0.00	38.01 1.71 0.00	37.55 1.55 0.00	36.90 1.42 0.00	37.68 1.41 0.00	37.44 1.37 0.00	38.72 1.38 0.00	42.29 1.63 -0.01	49.23 2.17 0.00	53.31 2.54 0.00	64.85 3.38 0.00	65.81 3.72 0.00	45.11 2.27 0.00	41.86 2.03 0.00	36.65 1.58 0.00
N SALMON___HYD 24042	30.73 -0.60 0.00	30.50 -0.46 0.00	29.25 -0.39 0.00	29.78 -0.30 0.00	29.25 -0.24 0.00	32.08 -0.10 0.00	41.26 0.17 0.00	49.50 0.44 0.00	44.70 0.40 0.00	37.67 0.37 0.00	36.56 0.26 0.00	36.15 0.14 0.00	35.65 0.18 0.00	36.41 0.15 0.00	36.14 0.07 0.00	37.48 0.15 0.00	40.98 0.32 0.00	47.48 0.42 0.00	51.53 0.76 0.00	62.21 0.74 0.00	62.77 0.68 0.00	43.06 0.22 0.00	39.87 0.04 0.00	35.00 -0.07 0.00
N.AKRON___115KV_KNAPP 355671	30.26 -1.06 0.00	29.57 -1.39 0.00	28.19 -1.45 0.00	28.48 -1.59 0.00	28.22 -1.27 0.00	29.89 -2.28 0.00	38.05 -3.04 0.00	46.02 -3.04 0.00	41.47 -2.84 0.00	34.39 -2.91 0.00	33.87 -2.43 0.00	33.52 -2.48 0.00	33.03 -2.45 0.00	33.80 -2.47 0.00	33.21 -2.85 0.01	34.14 -3.17 0.02	36.48 -4.15 0.03	42.24 -4.80 0.02	45.63 -5.13 0.02	56.42 -5.04 0.01	56.54 -5.53 0.02	39.36 -3.47 0.01	36.96 -2.87 0.01	32.51 -2.56 0.00
N.E_GEN_SANDY PD 24062	39.26 1.44 -6.50	37.60 1.36 -5.27	34.80 1.30 -3.86	35.90 1.29 -4.53	37.50 1.21 -6.80	48.75 1.32 -15.26	61.00 1.85 -18.06	55.86 2.11 -4.69	46.03 1.73 0.00	39.89 1.64 -0.95	37.83 1.52 0.00	37.52 1.51 0.00	37.00 1.52 0.00	37.82 1.56 0.00	37.73 1.66 0.00	39.05 1.72 0.00	51.60 1.99 -8.95	55.00 2.31 -5.64	61.50 2.29 -8.44	64.23 2.77 0.00	64.75 2.67 0.00	54.00 2.01 -9.15	48.59 1.87 -6.89	40.90 1.61 -4.21
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.79 1.47 0.00	32.30 1.33 0.00	30.91 1.27 0.00	31.28 1.20 0.00	30.55 1.06 0.00	33.46 1.29 0.00	43.07 1.97 0.00	51.32 2.26 0.00	46.66 2.35 0.00	39.28 1.98 0.00	38.23 1.92 0.00	37.95 1.94 0.00	37.46 1.99 0.00	38.33 2.07 0.00	38.20 2.13 0.00	39.50 2.17 0.00	43.18 2.52 0.00	49.97 2.92 0.00	53.82 3.05 0.00	65.09 3.63 0.00	65.81 3.72 0.00	45.24 2.40 0.00	41.98 2.15 0.00	36.83 1.75 0.00
N.QUEENS_27_KV_LOAD 356247	33.14 1.82 0.00	32.48 1.52 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.82 1.33 0.00	33.49 1.32 0.00	43.23 2.14 0.00	51.71 2.65 0.00	46.97 2.66 0.00	39.46 2.16 0.00	38.45 2.14 0.00	38.17 2.16 0.00	37.71 2.23 0.00	38.58 2.32 0.00	38.49 2.42 0.00	39.76 2.43 0.00	43.46 2.81 0.00	50.40 3.34 0.00	54.12 3.35 0.00	65.34 3.87 0.00	65.99 3.91 0.00	45.41 2.57 0.00	42.26 2.43 0.00	37.07 2.00 0.00
N.TROY___115KV_TB1 355778	32.61 1.28 0.00	32.23 1.27 0.00	30.85 1.22 0.00	31.31 1.23 0.00	30.64 1.15 0.00	33.49 1.32 0.00	42.78 1.68 0.00	50.93 1.86 0.00	45.72 1.42 0.00	38.61 1.31 0.00	37.47 1.16 0.00	37.20 1.19 0.00	36.65 1.17 0.00	37.42 1.16 0.00	37.33 1.26 0.00	38.68 1.34 0.00	42.24 1.59 0.00	48.89 1.84 0.00	52.80 2.03 0.00	63.74 2.27 0.00	64.50 2.42 0.00	44.64 1.80 0.00	41.46 1.63 0.00	36.44 1.37 0.00
NARROWS_GT1_1 24228	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT1_2 24229	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT1_3 24230	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT1_4 24231	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00

NARROWS_GT1_5 24232	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT1_6 24233	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT1_7 24234	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT1_8 24235	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT2_1 24236	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT2_2 24237	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT2_3 24238	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT2_4 24239	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT2_5 24240	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT2_6 24241	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT2_7 24242	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NARROWS_GT2_8 24243	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.70 1.38 0.00	32.45 1.49 0.00	31.03 1.39 0.00	31.52 1.44 0.00	30.82 1.33 0.00	33.75 1.58 0.00	43.02 1.93 0.00	50.88 1.82 0.00	45.64 1.33 0.00	38.38 1.08 0.00	37.21 0.91 0.00	36.87 0.86 0.00	36.33 0.85 0.00	37.10 0.83 0.00	37.01 0.94 0.00	38.41 1.08 0.00	41.96 1.30 0.00	48.51 1.46 0.00	52.40 1.62 0.00	63.37 1.91 0.00	64.13 2.05 0.00	44.60 1.76 0.00	41.50 1.67 0.00	36.26 1.19 0.00
NCHELSEA_115KV_TR2 355582	32.89 1.57 0.00	32.42 1.46 0.00	31.00 1.36 0.00	31.40 1.32 0.00	30.67 1.18 0.00	33.62 1.45 0.00	43.19 2.10 0.00	51.37 2.31 0.00	46.61 2.30 0.00	39.20 1.90 0.00	38.12 1.82 0.00	37.84 1.84 0.00	37.36 1.88 0.00	38.22 1.96 0.00	38.05 1.98 0.00	39.42 2.09 0.00	43.05 2.40 0.00	49.88 2.82 0.00	53.61 2.84 0.00	64.91 3.44 0.00	65.62 3.54 0.00	45.24 2.40 0.00	41.98 2.15 0.00	36.86 1.79 0.00
NEG CAPITAL__MECHNVIL 23645	32.86 1.53 0.00	32.45 1.49 0.00	31.09 1.45 0.00	31.55 1.47 0.00	30.82 1.33 0.00	33.69 1.51 0.00	43.11 2.01 0.00	51.22 2.16 0.00	45.90 1.59 0.00	38.68 1.38 0.00	37.57 1.27 0.00	37.27 1.26 0.00	36.75 1.28 0.00	37.46 1.19 0.00	37.44 1.37 0.00	38.83 1.49 0.00	42.40 1.75 0.00	49.18 2.12 0.00	53.00 2.23 0.00	64.23 2.77 0.00	64.94 2.86 0.00	45.02 2.18 0.00	41.82 1.99 0.00	36.69 1.61 0.00

NEG CENTRAL_HIGH_ACRES 23767	30.22 -1.10 0.00	29.73 -1.24 0.00	28.37 -1.27 0.00	28.75 -1.32 0.00	28.31 -1.18 0.00	30.85 -1.32 0.00	39.25 -1.85 0.00	47.20 -1.86 0.00	42.75 -1.55 0.00	35.74 -1.57 0.00	34.92 -1.38 0.00	34.71 -1.29 0.00	34.06 -1.42 0.00	34.88 -1.38 0.00	34.48 -1.59 0.00	35.61 -1.72 0.01	38.24 -2.40 0.02	44.27 -2.78 0.01	48.33 -2.44 0.01	58.51 -2.95 0.00	59.40 -2.67 0.01	40.74 -2.10 0.00	38.04 -1.79 0.00	33.42 -1.65 0.00
NEG CENTRAL___DRP 24199	31.10 -0.22 0.00	30.66 -0.31 0.00	29.25 -0.39 0.00	29.69 -0.39 0.00	29.20 -0.29 0.00	31.66 -0.51 0.00	40.56 -0.53 0.00	48.57 -0.49 0.00	43.86 -0.44 0.00	36.70 -0.60 0.00	35.80 -0.51 0.00	35.47 -0.54 0.00	34.84 -0.64 0.00	35.65 -0.62 0.00	35.34 -0.72 0.00	36.57 -0.75 0.01	39.74 -0.89 0.02	46.10 -0.94 0.01	49.90 -0.86 0.01	60.42 -1.04 0.00	61.08 -0.99 0.01	42.15 -0.69 0.00	39.23 -0.60 0.00	34.48 -0.60 0.00
NEG CENTRAL___INDECK 23768	31.23 -0.09 0.00	30.62 -0.34 0.00	29.20 -0.44 0.00	29.59 -0.48 0.00	29.25 -0.24 0.00	31.89 -0.29 0.00	40.56 -0.54 0.00	48.82 -0.24 0.00	44.04 -0.26 0.00	36.33 -0.97 0.00	35.43 -0.87 0.00	35.04 -0.97 0.00	34.31 -1.17 0.00	35.18 -1.09 0.00	34.62 -1.44 0.01	35.78 -1.53 0.02	38.74 -1.87 0.05	45.20 -1.84 0.02	49.48 -1.27 0.02	60.23 -1.23 0.01	61.44 -0.62 0.02	41.97 -0.86 0.01	39.06 -0.76 0.01	34.20 -0.88 0.00
NEG CENTRAL___SENECA 23627	31.07 -0.25 0.00	30.56 -0.40 0.00	29.14 -0.50 0.00	29.56 -0.51 0.00	29.14 -0.35 0.00	31.53 -0.64 0.00	40.48 -0.62 0.00	48.52 -0.54 0.00	43.82 -0.49 0.00	36.59 -0.71 0.00	35.69 -0.62 0.00	35.32 -0.68 0.00	34.70 -0.78 0.00	35.50 -0.76 0.00	35.13 -0.94 0.01	36.38 -0.93 0.02	39.52 -1.10 0.03	45.86 -1.18 0.02	49.69 -1.07 0.02	60.11 -1.35 0.01	60.83 -1.24 0.02	41.98 -0.86 0.01	39.07 -0.76 0.01	34.30 -0.77 0.00
NEG CENTRAL___STATE_STREET 24147	31.23 -0.09 0.00	30.81 -0.15 0.00	29.40 -0.24 0.00	29.84 -0.24 0.00	29.29 -0.21 0.00	31.89 -0.29 0.00	40.76 -0.33 0.00	48.77 -0.29 0.00	44.04 -0.27 0.00	36.97 -0.34 0.00	35.98 -0.33 0.00	35.65 -0.36 0.00	35.05 -0.43 0.00	35.86 -0.40 0.00	35.63 -0.43 0.00	36.88 -0.45 0.01	40.11 -0.53 0.01	46.49 -0.56 0.01	50.26 -0.51 0.01	60.97 -0.49 0.00	61.64 -0.43 0.01	42.49 -0.34 0.00	39.55 -0.28 0.00	34.79 -0.28 0.00
NEG MILLWOOD___DRP 24198	32.98 1.66 0.00	32.48 1.52 0.00	31.09 1.45 0.00	31.49 1.41 0.00	30.76 1.27 0.00	33.69 1.51 0.00	43.35 2.26 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.46 2.16 0.00	38.37 2.07 0.00	38.10 2.09 0.00	37.64 2.16 0.00	38.47 2.21 0.00	38.38 2.31 0.00	39.72 2.39 0.00	43.38 2.72 0.00	50.26 3.20 0.00	54.02 3.25 0.00	65.34 3.87 0.00	66.12 4.04 0.00	45.45 2.61 0.00	42.18 2.35 0.00	37.04 1.96 0.00
NEG NORTH_FLCN_SEA 23793	31.07 -0.25 0.00	30.84 -0.12 0.00	29.58 -0.06 0.00	30.08 0.00 0.00	29.55 0.06 0.00	32.37 0.19 0.00	41.59 0.49 0.00	49.90 0.83 0.00	45.10 0.80 0.00	38.01 0.71 0.00	36.96 0.65 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.81 0.54 0.00	36.54 0.47 0.00	37.85 0.52 0.00	41.31 0.65 0.00	47.86 0.80 0.00	51.69 0.91 0.00	62.57 1.11 0.00	63.14 1.06 0.00	43.35 0.51 0.00	40.15 0.32 0.00	35.25 0.18 0.00
NEG NORTH_KES_CHATAGAY 23792	30.82 -0.50 0.00	30.56 -0.40 0.00	29.31 -0.33 0.00	29.81 -0.27 0.00	29.29 -0.21 0.00	32.08 -0.10 0.00	41.18 0.08 0.00	49.31 0.25 0.00	44.57 0.27 0.00	37.53 0.22 0.00	36.48 0.18 0.00	36.12 0.11 0.00	35.58 0.11 0.00	36.34 0.07 0.00	36.10 0.04 0.00	37.41 0.07 0.00	40.86 0.20 0.00	47.34 0.28 0.00	51.18 0.41 0.00	61.96 0.49 0.00	62.52 0.43 0.00	42.93 0.09 0.00	39.79 -0.04 0.00	34.97 -0.11 0.00
NEG NORTH___ALICE_FALLS 23915	31.04 -0.28 0.00	30.84 -0.12 0.00	29.58 -0.06 0.00	30.08 0.00 0.00	29.55 0.06 0.00	32.40 0.23 0.00	41.67 0.58 0.00	49.94 0.88 0.00	45.15 0.84 0.00	38.05 0.75 0.00	36.96 0.65 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.77 0.51 0.00	36.50 0.43 0.00	37.85 0.52 0.00	41.39 0.73 0.00	47.95 0.89 0.00	51.84 1.07 0.00	62.76 1.29 0.00	63.32 1.24 0.00	43.44 0.60 0.00	40.23 0.40 0.00	35.28 0.21 0.00
NEG NORTH___LWR_SARANAC 23913	31.04 -0.28 0.00	30.84 -0.12 0.00	29.58 -0.06 0.00	30.08 0.00 0.00	29.55 0.06 0.00	32.40 0.23 0.00	41.67 0.58 0.00	49.94 0.88 0.00	45.15 0.84 0.00	38.05 0.75 0.00	36.96 0.65 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.77 0.51 0.00	36.50 0.43 0.00	37.85 0.52 0.00	41.39 0.73 0.00	47.95 0.89 0.00	51.84 1.07 0.00	62.76 1.29 0.00	63.32 1.24 0.00	43.44 0.60 0.00	40.23 0.40 0.00	35.28 0.21 0.00
NEG NORTH___PLATTSBURG 23628	31.04 -0.28 0.00	30.84 -0.12 0.00	29.58 -0.06 0.00	30.08 0.00 0.00	29.55 0.06 0.00	32.43 0.26 0.00	41.67 0.58 0.00	49.95 0.88 0.00	45.15 0.84 0.00	38.05 0.75 0.00	36.96 0.65 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.77 0.51 0.00	36.50 0.43 0.00	37.85 0.52 0.00	41.39 0.73 0.00	47.95 0.89 0.00	51.99 1.22 0.00	62.76 1.29 0.00	63.26 1.18 0.00	43.44 0.60 0.00	40.23 0.40 0.00	35.28 0.21 0.00
NEG WEST_LEA_LOCKPORT 23791	29.79 -1.53 0.00	29.11 -1.86 0.00	27.71 -1.93 0.00	28.00 -2.08 0.00	27.78 -1.71 0.00	29.22 -2.96 0.00	37.07 -4.03 0.00	44.79 -4.27 0.00	40.45 -3.85 0.00	33.53 -3.77 0.00	33.11 -3.19 0.00	32.77 -3.24 0.00	32.32 -3.16 0.00	33.07 -3.19 0.00	32.46 -3.61 0.01	33.32 -3.99 0.02	35.50 -5.12 0.03	41.11 -5.93 0.02	44.36 -6.40 0.02	54.88 -6.58 0.01	54.92 -7.14 0.02	38.33 -4.50 0.01	36.08 -3.74 0.01	31.81 -3.26 0.00
NEG WEST___LANCASTER 23811	29.54 -1.79 0.00	28.80 -2.17 0.00	27.45 -2.19 0.00	27.73 -2.35 0.00	27.52 -1.98 0.00	29.25 -2.93 0.00	37.27 -3.82 0.00	44.74 -4.32 0.00	40.50 -3.81 0.00	33.57 -3.73 0.00	33.07 -3.23 0.00	32.73 -3.28 0.00	32.25 -3.23 0.00	32.96 -3.30 0.00	32.42 -3.64 0.01	33.95 -3.36 0.02	37.93 -2.68 0.04	44.16 -2.87 0.02	47.45 -3.30 0.02	55.13 -6.33 0.01	57.15 -4.90 0.02	38.63 -4.20 0.01	35.92 -3.90 0.01	31.71 -3.37 0.00
NEG_PENN_ALLEGHNY 23528	31.54 0.22 0.00	31.09 0.12 0.00	29.70 0.06 0.00	30.14 0.06 0.00	29.58 0.09 0.00	32.21 0.03 0.00	41.18 0.08 0.00	49.21 0.15 0.00	44.53 0.22 0.00	37.38 0.07 0.00	36.45 0.15 0.00	36.15 0.14 0.00	35.55 0.07 0.00	36.41 0.15 0.00	36.15 0.07 0.00	37.43 0.07 0.00	40.82 0.12 0.00	47.22 0.14 0.00	50.89 0.10 0.00	61.66 0.18 0.00	62.42 0.31 0.00	42.98 0.13 0.00	39.96 0.12 0.00	35.11 0.04 0.00
NEG___GEN_MONROE 24207	30.73 -0.60 0.00	30.16 -0.81 0.00	28.78 -0.86 0.00	29.14 -0.93 0.00	28.75 -0.74 0.00	31.02 -1.16 0.00	39.57 -1.52 0.00	47.64 -1.42 0.00	42.89 -1.42 0.00	35.77 -1.53 0.00	35.00 -1.31 0.00	34.71 -1.30 0.00	34.16 -1.31 0.00	34.96 -1.31 0.00	34.48 -1.59 0.00	35.53 -1.79 0.01	37.99 -2.64 0.03	44.13 -2.92 0.01	47.66 -3.10 0.01	58.69 -2.77 0.00	58.97 -3.10 0.01	40.95 -1.88 0.00	38.31 -1.51 0.00	33.74 -1.33 0.00

NEPA__ENERGY 23901	30.35 -0.97 0.00	29.63 -1.33 0.00	28.22 -1.42 0.00	28.51 -1.56 0.00	28.31 -1.18 0.00	30.12 -2.06 0.00	38.42 -2.67 0.00	46.17 -2.89 0.00	41.74 -2.57 0.00	34.58 -2.72 0.00	34.09 -2.21 0.00	33.70 -2.30 0.00	33.21 -2.27 0.00	33.91 -2.36 0.00	33.32 -2.74 0.01	34.40 -2.91 0.02	37.40 -3.21 0.05	43.36 -3.67 0.02	46.94 -3.81 0.02	56.78 -4.67 0.01	57.59 -4.47 0.02	39.66 -3.17 0.01	36.99 -2.83 0.01	32.62 -2.46 0.00
NEVERSINK__HYD 23608	33.07 1.75 0.00	32.64 1.67 0.00	31.21 1.57 0.00	31.64 1.56 0.00	30.91 1.42 0.00	33.88 1.70 0.00	43.52 2.42 0.00	51.56 2.50 0.00	46.74 2.44 0.00	39.35 2.05 0.00	38.19 1.89 0.00	37.88 1.87 0.00	37.39 1.91 0.00	38.26 1.99 0.00	38.09 2.02 0.00	39.50 2.16 0.00	43.06 2.40 -0.01	49.98 2.92 0.00	53.51 2.74 0.00	65.15 3.69 0.00	65.81 3.72 0.00	45.45 2.61 0.00	42.22 2.39 0.00	37.00 1.93 0.00
NEWKRMKL_115KV_TB1 55635	32.26 0.94 0.00	32.08 1.11 0.00	30.71 1.07 0.00	31.13 1.05 0.00	30.46 0.97 0.00	33.33 1.16 0.00	42.16 1.07 0.00	50.19 1.13 0.00	45.19 0.89 0.00	38.12 0.82 0.00	37.07 0.76 0.00	36.80 0.79 0.00	36.26 0.78 0.00	37.02 0.76 0.00	36.93 0.87 0.00	38.27 0.93 0.00	41.75 1.10 0.00	48.14 1.08 0.00	51.94 1.17 0.00	62.57 1.11 0.00	63.32 1.24 0.00	43.91 1.07 0.00	40.83 1.00 0.00	35.88 0.81 0.00
NEWTON__FALLS_HYD 23847	30.01 -1.32 0.00	29.85 -1.11 0.00	28.66 -0.98 0.00	29.23 -0.84 0.00	28.78 -0.71 0.00	31.53 -0.64 0.00	40.60 -0.49 0.00	48.67 -0.39 0.00	43.78 -0.53 0.00	36.67 -0.63 0.00	35.58 -0.73 0.00	35.22 -0.79 0.00	34.77 -0.71 0.00	35.50 -0.76 0.00	35.31 -0.76 0.00	36.59 -0.75 0.00	39.84 -0.81 0.00	46.35 -0.71 0.00	50.26 -0.51 0.00	61.28 -0.18 0.00	62.14 0.06 0.00	42.58 -0.26 0.00	39.39 -0.44 0.00	34.51 -0.56 0.00
NGRID_A1_DSASP 323792	29.19 -2.13 0.00	28.46 -2.51 0.00	27.09 -2.55 0.00	27.37 -2.71 0.00	27.16 -2.33 0.00	28.67 -3.51 0.00	36.24 -4.85 0.00	43.81 -5.25 0.00	39.61 -4.70 0.00	32.86 -4.44 0.00	32.49 -3.81 0.00	32.15 -3.85 0.00	31.72 -3.76 0.00	32.46 -3.81 0.00	31.88 -4.18 0.01	32.61 -4.70 0.02	34.77 -5.81 0.07	39.98 -7.06 0.02	43.14 -7.62 0.02	53.71 -7.74 0.01	53.50 -8.57 0.02	37.56 -5.27 0.01	35.40 -4.42 0.01	31.25 -3.82 0.00
NGRID_A2_DSASP 323793	29.19 -2.13 0.00	28.46 -2.51 0.00	27.09 -2.55 0.00	27.37 -2.71 0.00	27.16 -2.33 0.00	28.67 -3.51 0.00	36.24 -4.85 0.00	43.81 -5.25 0.00	39.61 -4.70 0.00	32.86 -4.44 0.00	32.49 -3.81 0.00	32.15 -3.85 0.00	31.72 -3.76 0.00	32.46 -3.81 0.00	31.88 -4.18 0.01	32.61 -4.70 0.02	34.77 -5.81 0.07	39.98 -7.06 0.02	43.14 -7.62 0.02	53.71 -7.74 0.01	53.50 -8.57 0.02	37.56 -5.27 0.01	35.40 -4.42 0.01	31.25 -3.82 0.00
NGRID_A4_DSASP 323807	29.19 -2.13 0.00	28.46 -2.51 0.00	27.09 -2.55 0.00	27.37 -2.71 0.00	27.16 -2.33 0.00	28.67 -3.51 0.00	36.24 -4.85 0.00	43.81 -5.25 0.00	39.61 -4.70 0.00	32.86 -4.44 0.00	32.49 -3.81 0.00	32.15 -3.85 0.00	31.72 -3.76 0.00	32.46 -3.81 0.00	31.88 -4.18 0.01	32.61 -4.70 0.02	34.77 -5.81 0.07	39.98 -7.06 0.02	43.14 -7.62 0.02	53.71 -7.74 0.01	53.50 -8.57 0.02	37.56 -5.27 0.01	35.40 -4.42 0.01	31.25 -3.82 0.00
NIAGARA_115E_LBMP 323715	29.50 -1.82 0.00	28.83 -2.14 0.00	27.48 -2.16 0.00	27.73 -2.35 0.00	27.54 -1.95 0.00	29.22 -2.96 0.00	36.37 -4.72 0.00	43.96 -5.10 0.00	40.10 -4.21 0.00	32.94 -4.36 0.00	32.53 -3.78 0.00	32.33 -3.67 0.00	31.75 -3.72 0.00	32.56 -3.70 0.00	31.91 -4.15 0.01	32.72 -4.59 0.02	34.76 -5.85 0.04	40.26 -6.78 0.02	44.40 -6.35 0.02	53.90 -7.56 0.01	54.98 -7.08 0.02	37.69 -5.14 0.01	35.48 -4.34 0.01	31.28 -3.79 0.00
NIAGARA_115W_LBMP 323714	29.13 -2.19 0.00	28.40 -2.57 0.00	27.03 -2.61 0.00	27.31 -2.77 0.00	27.10 -2.39 0.00	29.09 -3.09 0.00	36.20 -4.89 0.00	43.72 -5.35 0.00	39.92 -4.39 0.00	32.79 -4.51 0.00	32.42 -3.88 0.00	32.19 -3.82 0.00	31.64 -3.83 0.00	32.42 -3.84 0.00	31.81 -4.26 0.01	32.57 -4.74 0.02	34.69 -5.90 0.07	39.89 -7.15 0.02	44.20 -6.55 0.02	53.59 -7.87 0.01	54.67 -7.39 0.02	37.48 -5.36 0.01	35.32 -4.50 0.01	31.18 -3.89 0.00
NIAGARA_230_LBMP 323716	29.60 -1.72 0.00	28.86 -2.11 0.00	27.50 -2.13 0.00	27.76 -2.32 0.00	27.58 -1.92 0.00	29.57 -2.61 0.00	36.86 -4.23 0.00	44.50 -4.56 0.00	40.59 -3.72 0.00	33.39 -3.92 0.00	32.96 -3.34 0.00	32.73 -3.28 0.00	32.14 -3.34 0.00	32.96 -3.30 0.00	32.35 -3.71 0.01	33.13 -4.18 0.02	35.24 -5.37 0.05	40.78 -6.26 0.02	45.02 -5.74 0.02	54.58 -6.88 0.01	55.67 -6.39 0.02	38.16 -4.67 0.01	35.92 -3.90 0.01	31.71 -3.37 0.00
NIAGARA__115KV_198_GIBSON 55903	29.13 -2.19 0.00	28.39 -2.57 0.00	27.03 -2.61 0.00	27.31 -2.77 0.00	27.10 -2.39 0.00	28.60 -3.57 0.00	36.16 -4.93 0.00	43.71 -5.35 0.00	39.52 -4.79 0.00	32.79 -4.51 0.00	32.42 -3.88 0.00	32.05 -3.96 0.00	31.64 -3.83 0.00	32.35 -3.92 0.00	31.81 -4.26 0.01	32.53 -4.78 0.02	34.69 -5.89 0.07	39.88 -7.15 0.02	43.04 -7.72 0.02	53.59 -7.87 0.01	53.37 -8.69 0.02	37.43 -5.40 0.01	35.32 -4.50 0.01	31.18 -3.89 0.00
NIAGARA__ 23760	29.60 -1.72 0.00	28.86 -2.11 0.00	27.50 -2.13 0.00	27.76 -2.32 0.00	27.58 -1.92 0.00	29.57 -2.61 0.00	36.86 -4.23 0.00	44.50 -4.56 0.00	40.59 -3.72 0.00	33.39 -3.92 0.00	32.96 -3.34 0.00	32.73 -3.28 0.00	32.14 -3.34 0.00	32.96 -3.30 0.00	32.35 -3.71 0.01	33.13 -4.18 0.02	35.24 -5.37 0.05	40.78 -6.26 0.02	45.02 -5.74 0.02	54.58 -6.88 0.01	55.67 -6.39 0.02	38.16 -4.67 0.01	35.92 -3.90 0.01	31.71 -3.37 0.00
NINE_MILE_1 23575	30.48 -0.84 0.00	30.10 -0.87 0.00	28.78 -0.86 0.00	29.20 -0.87 0.00	28.64 -0.86 0.00	31.18 -1.00 0.00	39.65 -1.44 0.00	47.34 -1.72 0.00	42.75 -1.55 0.00	35.96 -1.34 0.00	35.03 -1.27 0.00	34.75 -1.26 0.00	34.23 -1.24 0.00	34.99 -1.27 0.00	34.77 -1.30 0.00	35.99 -1.34 0.00	39.07 -1.59 0.00	45.22 -1.84 0.00	48.89 -1.88 0.00	59.25 -2.21 0.00	59.91 -2.17 0.00	41.30 -1.54 0.00	38.44 -1.40 0.00	33.95 -1.12 0.00
NINE_MILE_2 23744	30.48 -0.84 0.00	30.10 -0.87 0.00	28.78 -0.86 0.00	29.20 -0.87 0.00	28.64 -0.86 0.00	31.18 -1.00 0.00	39.65 -1.44 0.00	47.34 -1.72 0.00	42.75 -1.55 0.00	35.96 -1.34 0.00	35.03 -1.27 0.00	34.75 -1.26 0.00	34.23 -1.24 0.00	34.99 -1.27 0.00	34.77 -1.30 0.00	35.99 -1.34 0.00	39.11 -1.54 0.00	45.22 -1.84 0.00	48.89 -1.88 0.00	59.25 -2.21 0.00	59.91 -2.17 0.00	41.30 -1.54 0.00	38.44 -1.40 0.00	33.95 -1.12 0.00
NM_CAPITAL__DRP 24208	32.35 1.03 0.00	32.11 1.15 0.00	30.74 1.10 0.00	31.19 1.11 0.00	30.52 1.03 0.00	33.37 1.19 0.00	42.33 1.23 0.00	50.44 1.37 0.00	45.41 1.11 0.00	38.31 1.01 0.00	37.25 0.94 0.00	36.98 0.97 0.00	36.43 0.96 0.00	37.21 0.94 0.00	37.11 1.05 0.00	38.41 1.08 0.00	41.96 1.30 0.00	48.37 1.32 0.00	52.24 1.47 0.00	62.94 1.48 0.00	63.70 1.61 0.00	44.12 1.29 0.00	41.03 1.19 0.00	36.05 0.98 0.00

NM_CENTRAL___DRP 24181	31.04 -0.28 0.00	30.66 -0.31 0.00	29.28 -0.36 0.00	29.72 -0.36 0.00	29.14 -0.35 0.00	31.69 -0.48 0.00	40.44 -0.66 0.00	48.33 -0.74 0.00	43.69 -0.62 0.00	36.74 -0.56 0.00	35.83 -0.47 0.00	35.54 -0.47 0.00	34.98 -0.50 0.00	35.79 -0.47 0.00	35.53 -0.54 0.00	36.77 -0.56 0.00	39.96 -0.69 0.00	46.21 -0.85 0.00	49.86 -0.91 0.00	60.48 -0.98 0.00	61.09 -0.99 0.00	42.15 -0.69 0.00	39.23 -0.60 0.00	34.58 -0.49 0.00
NM_FRONTIER___DRP 24179	29.13 -2.19 0.00	28.39 -2.57 0.00	27.03 -2.61 0.00	27.31 -2.77 0.00	27.10 -2.39 0.00	28.60 -3.57 0.00	36.16 -4.93 0.00	43.71 -5.35 0.00	39.52 -4.79 0.00	32.79 -4.51 0.00	32.42 -3.88 0.00	32.05 -3.96 0.00	31.64 -3.83 0.00	32.35 -3.92 0.00	31.81 -4.26 0.01	32.53 -4.78 0.02	34.69 -5.89 0.07	39.88 -7.15 0.02	43.04 -7.72 0.02	53.59 -7.87 0.01	53.37 -8.69 0.02	37.43 -5.40 0.01	35.32 -4.50 0.01	31.18 -3.89 0.00
NM_ST_REGIS___HYD 24053	30.10 -1.22 0.00	29.94 -1.02 0.00	28.69 -0.95 0.00	29.20 -0.87 0.00	28.70 -0.80 0.00	31.47 -0.71 0.00	40.48 -0.62 0.00	48.47 -0.59 0.00	43.73 -0.58 0.00	36.78 -0.52 0.00	35.69 -0.62 0.00	35.29 -0.72 0.00	34.84 -0.64 0.00	35.61 -0.65 0.00	35.38 -0.69 0.00	36.62 -0.71 0.00	40.04 -0.61 0.00	46.44 -0.61 0.00	50.26 -0.51 0.00	60.97 -0.49 0.00	61.65 -0.43 0.00	42.24 -0.60 0.00	39.15 -0.68 0.00	34.37 -0.70 0.00
NORTHPORT___1 23551	47.01 2.03 -13.65	37.71 1.83 -4.92	31.39 1.75 0.00	31.70 1.62 0.00	31.05 1.56 0.00	37.98 1.80 -4.00	47.75 2.71 -3.95	51.32 2.26 0.00	46.88 2.57 0.00	39.54 2.24 0.00	40.14 2.47 -1.37	41.59 2.45 -3.13	39.22 2.48 -1.26	41.62 2.61 -2.74	45.46 2.63 -6.76	46.19 2.69 -6.17	47.51 3.09 -3.76	48.44 3.53 2.15	48.44 3.30 5.63	48.44 4.06 17.08	48.44 4.10 17.74	48.44 2.78 -2.82	47.38 2.71 -4.84	46.06 2.35 -8.64
NORTHPORT___2 23552	46.95 1.97 -13.65	37.65 1.76 -4.92	31.33 1.69 0.00	31.64 1.56 0.00	30.99 1.50 0.00	37.91 1.74 -4.00	47.67 2.63 -3.95	51.17 2.11 0.00	46.88 2.57 0.00	39.58 2.28 0.00	40.17 2.50 -1.37	41.66 2.52 -3.13	39.29 2.56 -1.26	41.69 2.68 -2.74	45.57 2.74 -6.76	46.23 2.72 -6.17	47.44 2.97 -3.82	58.97 3.24 -8.67	70.91 2.94 -17.19	87.32 3.63 -22.23	79.88 3.66 -14.14	51.37 2.48 -6.05	47.22 2.55 -4.84	45.96 2.25 -8.64
NORTHPORT___3 23553	46.95 1.97 -13.65	37.65 1.76 -4.92	31.33 1.69 0.00	31.64 1.56 0.00	30.99 1.50 0.00	37.91 1.74 -4.00	47.67 2.63 -3.95	51.17 2.11 0.00	46.88 2.57 0.00	39.58 2.28 0.00	40.17 2.50 -1.37	41.66 2.52 -3.13	39.29 2.56 -1.26	41.69 2.68 -2.74	45.57 2.74 -6.76	46.23 2.72 -6.17	47.44 2.97 -3.82	58.97 3.24 -8.67	70.91 2.94 -17.19	87.32 3.63 -22.23	79.88 3.66 -14.14	51.37 2.48 -6.05	47.22 2.55 -4.84	45.96 2.25 -8.64
NORTHPORT___4 23650	46.95 1.97 -13.65	37.65 1.76 -4.92	31.33 1.69 0.00	31.64 1.56 0.00	30.99 1.50 0.00	37.91 1.74 -4.00	47.67 2.63 -3.95	51.17 2.11 0.00	46.88 2.57 0.00	39.58 2.28 0.00	40.17 2.50 -1.37	41.66 2.52 -3.13	39.29 2.56 -1.26	41.69 2.68 -2.74	45.57 2.74 -6.76	46.23 2.72 -6.17	47.44 2.97 -3.82	58.97 3.24 -8.67	70.91 2.94 -17.19	87.32 3.63 -22.23	79.88 3.66 -14.14	51.37 2.48 -6.05	47.22 2.55 -4.84	45.96 2.25 -8.64
NORTHPORT___IC 23718	47.01 2.04 -13.65	37.74 1.86 -4.92	31.39 1.75 0.00	31.70 1.62 0.00	31.05 1.56 0.00	38.01 1.83 -4.00	47.75 2.71 -3.95	51.32 2.26 0.00	47.23 2.92 0.00	39.54 2.24 0.00	40.14 2.47 -1.37	41.58 2.45 -3.13	39.22 2.48 -1.26	41.62 2.61 -2.74	45.46 2.63 -6.76	46.19 2.69 -6.17	47.51 3.09 -3.76	48.44 3.53 2.15	48.65 3.50 5.63	48.44 4.06 17.08	48.57 4.22 17.74	48.44 2.78 -2.82	47.38 2.71 -4.84	46.06 2.35 -8.64
NORTH___COUNTRY_ESR 323785	30.76 -0.56 0.00	30.50 -0.46 0.00	29.25 -0.39 0.00	29.75 -0.33 0.00	29.23 -0.27 0.00	32.05 -0.13 0.00	41.09 0.00 0.00	49.26 0.20 0.00	44.53 0.22 0.00	37.53 0.23 0.00	36.49 0.18 0.00	36.12 0.11 0.00	35.62 0.14 0.00	36.37 0.11 0.00	36.14 0.07 0.00	37.44 0.11 0.00	40.82 0.16 0.00	47.29 0.24 0.00	51.13 0.36 0.00	61.84 0.37 0.00	62.27 0.19 0.00	42.84 0.00 0.00	39.71 -0.12 0.00	34.90 -0.17 0.00
NPX_GEN_1385_PROXY 323591	47.01 2.03 -13.65	37.71 1.83 -4.92	31.39 1.75 0.00	31.70 1.62 0.00	31.05 1.56 0.00	37.98 1.80 -4.00	47.75 2.71 -3.95	51.32 2.26 0.00	46.88 2.57 0.00	39.54 2.24 0.00	40.14 2.47 -1.37	41.59 2.45 -3.13	39.22 2.48 -1.26	41.62 2.61 -2.74	45.46 2.63 -6.76	46.19 2.69 -6.17	47.51 3.09 -3.76	48.44 3.53 2.15	48.44 3.30 5.63	48.44 4.06 17.08	48.44 4.10 17.74	48.44 2.78 -2.82	47.38 2.71 -4.84	46.06 2.35 -8.64
NPX_GEN_CSC 323557	47.35 2.38 -13.65	38.05 2.17 -4.92	31.68 2.04 0.00	32.00 1.93 0.00	31.35 1.86 0.00	38.27 2.09 -4.00	48.16 3.12 -3.95	52.10 3.04 0.00	46.97 2.66 0.00	39.61 2.31 0.00	40.03 2.36 -1.37	41.47 2.34 -3.13	39.11 2.38 -1.26	41.51 2.50 -2.74	45.43 2.60 -6.76	46.23 2.72 -6.17	48.09 3.62 -3.81	60.24 4.52 -8.66	71.86 3.91 -17.17	88.40 4.73 -22.20	80.99 4.78 -14.12	52.35 3.47 -6.04	48.13 3.46 -4.84	46.52 2.81 -8.64
NSINS_S___GLNS_FALLS 23858	33.01 1.69 0.00	32.61 1.64 0.00	31.27 1.63 0.00	31.76 1.68 0.00	30.91 1.42 0.00	33.85 1.67 0.00	43.23 2.14 0.00	51.27 2.21 0.00	45.81 1.51 0.00	38.57 1.27 0.00	37.47 1.16 0.00	37.20 1.19 0.00	36.61 1.14 0.00	37.28 1.02 0.00	37.26 1.19 0.00	38.68 1.34 0.00	42.24 1.59 0.00	49.08 2.02 0.00	53.11 2.34 0.00	64.29 2.83 0.00	65.25 3.17 0.00	45.11 2.27 0.00	41.90 2.07 0.00	36.72 1.65 0.00
NUCOR_STEEL___DRP 24197	31.32 0.00 0.00	30.93 -0.03 0.00	29.52 -0.12 0.00	29.96 -0.12 0.00	29.40 -0.09 0.00	31.98 -0.19 0.00	40.89 -0.21 0.00	48.87 -0.20 0.00	44.13 -0.18 0.00	37.04 -0.26 0.00	36.09 -0.22 0.00	35.76 -0.25 0.00	35.16 -0.32 0.00	36.01 -0.25 0.00	35.74 -0.32 0.00	37.03 -0.30 0.00	40.24 -0.41 0.01	46.63 -0.42 0.00	50.36 -0.41 0.00	61.16 -0.31 0.00	61.77 -0.31 0.00	42.62 -0.21 0.00	39.67 -0.16 0.00	34.93 -0.14 0.00
NUMBER_THREE_WT_PWR 323818	30.54 -0.78 0.00	30.38 -0.59 0.00	29.20 -0.44 0.00	29.90 -0.18 0.00	29.49 0.00 0.00	32.30 0.13 0.00	41.63 0.53 0.00	49.95 0.88 0.00	44.88 0.57 0.00	37.49 0.19 0.00	36.41 0.11 0.00	36.04 0.04 0.00	35.55 0.07 0.00	36.30 0.04 0.00	36.14 0.07 0.00	37.44 0.11 0.00	40.78 0.12 0.00	47.48 0.42 0.00	51.63 0.86 0.00	63.06 1.60 0.00	64.01 1.93 0.00	43.83 0.99 0.00	40.51 0.68 0.00	35.42 0.35 0.00
NYISO_LBMP_REFERENCE 24008	31.32 0.00 0.00	30.96 0.00 0.00	29.64 0.00 0.00	30.08 0.00 0.00	29.49 0.00 0.00	32.18 0.00 0.00	41.09 0.00 0.00	49.06 0.00 0.00	44.31 0.00 0.00	37.30 0.00 0.00	36.30 0.00 0.00	36.01 0.00 0.00	35.48 0.00 0.00	36.26 0.00 0.00	36.07 0.00 0.00	37.33 0.00 0.00	40.65 0.00 0.00	47.06 0.00 0.00	50.77 0.00 0.00	61.47 0.00 0.00	62.08 0.00 0.00	42.84 0.00 0.00	39.83 0.00 0.00	35.07 0.00 0.00

NYPA_BRENTWD____GT 24164	47.39 2.41 -13.65	38.05 2.17 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.38 1.89 0.00	38.33 2.16 -4.00	48.25 3.21 -3.95	52.10 3.04 0.00	47.32 3.01 0.00	39.91 2.61 0.00	40.54 2.87 -1.37	42.02 2.88 -3.13	39.61 2.87 -1.26	42.02 3.01 -2.74	45.89 3.06 -6.76	46.67 3.17 -6.17	48.29 3.74 -3.90	60.28 4.38 -8.85	72.53 4.21 -17.55	89.37 5.22 -22.68	81.79 5.27 -14.43	52.57 3.55 -6.17	48.01 3.35 -4.84	46.52 2.81 -8.64
NYPA_GOWANUS____GT5 24156	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NYPA_GOWANUS____GT6 24157	33.26 1.94 0.00	32.60 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.66 1.48 0.00	43.43 2.34 0.00	51.96 2.89 0.00	47.15 2.84 0.00	39.69 2.39 0.00	38.63 2.33 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	39.98 2.65 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.49 4.41 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.18 0.00
NYPA_HARLEM__RVR__GT1 24160	33.11 1.78 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.58 1.50 0.00	30.79 1.30 0.00	33.43 1.25 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.78 2.48 0.01	39.38 2.09 0.01	38.36 2.07 0.01	38.09 2.09 0.01	37.63 2.16 0.01	38.50 2.25 0.01	38.37 2.31 0.01	39.68 2.35 0.01	43.37 2.72 0.01	50.25 3.20 0.01	53.76 2.99 0.01	65.21 3.75 0.01	65.80 3.72 0.01	45.37 2.53 0.00	42.22 2.39 0.00	37.04 1.96 0.00
NYPA_HARLEM__RVR__GT2 24161	33.11 1.78 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.58 1.50 0.00	30.79 1.30 0.00	33.43 1.25 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.78 2.48 0.01	39.38 2.09 0.01	38.36 2.07 0.01	38.09 2.09 0.01	37.63 2.16 0.01	38.50 2.25 0.01	38.37 2.31 0.01	39.68 2.35 0.01	43.37 2.72 0.01	50.25 3.20 0.01	53.76 2.99 0.01	65.21 3.75 0.01	65.80 3.72 0.01	45.37 2.53 0.00	42.22 2.39 0.00	37.04 1.96 0.00
NYPA_KENT____GT 24152	33.17 1.85 0.00	32.54 1.58 0.00	31.24 1.60 0.00	31.58 1.50 0.00	30.82 1.33 0.00	33.62 1.45 0.00	43.35 2.26 0.00	51.86 2.80 0.00	47.10 2.79 0.00	39.61 2.31 0.00	38.59 2.29 0.00	38.31 2.31 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.94 2.61 0.00	43.66 3.01 0.00	50.63 3.57 0.00	54.17 3.40 0.00	65.70 4.24 0.00	66.31 4.22 0.00	45.58 2.74 0.00	42.38 2.55 0.00	37.18 2.10 0.00
NYPA_POUCH1____GT 24155	33.23 1.91 0.00	32.57 1.61 0.00	31.27 1.63 0.00	31.58 1.50 0.00	30.82 1.33 0.00	33.62 1.45 0.00	43.39 2.30 0.00	51.91 2.84 0.00	47.05 2.75 0.00	39.61 2.31 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.59 2.52 0.00	39.94 2.61 0.00	43.71 3.05 0.00	50.68 3.62 0.00	54.27 3.50 0.00	65.83 4.36 0.00	66.43 4.34 0.00	45.67 2.83 0.00	42.46 2.63 0.00	37.21 2.14 0.00
NYPA_VERNON____GT2 24162	33.11 1.78 0.00	32.48 1.52 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.79 1.30 0.00	33.59 1.41 0.00	43.31 2.22 0.00	51.81 2.75 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.59 2.52 0.00	39.87 2.54 0.00	43.62 2.97 0.00	50.54 3.48 0.00	54.07 3.30 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.30 2.47 0.00	37.07 2.00 0.00
NYPA_VERNON____GT3 24163	33.11 1.78 0.00	32.48 1.52 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.79 1.30 0.00	33.59 1.41 0.00	43.31 2.22 0.00	51.81 2.75 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.59 2.52 0.00	39.87 2.54 0.00	43.62 2.97 0.00	50.54 3.48 0.00	54.07 3.30 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.30 2.47 0.00	37.07 2.00 0.00
NYPA__ASTORIA_CC1 323568	33.07 1.75 0.00	32.45 1.49 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.53 1.35 0.00	43.27 2.18 0.00	51.71 2.65 0.00	46.97 2.66 0.00	39.54 2.24 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.45 3.39 0.00	53.97 3.20 0.00	65.40 3.94 0.00	66.06 3.98 0.00	45.45 2.61 0.00	42.26 2.43 0.00	37.04 1.96 0.00
NYPA__ASTORIA_CC2 323569	33.07 1.75 0.00	32.45 1.49 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.53 1.35 0.00	43.27 2.18 0.00	51.71 2.65 0.00	46.97 2.66 0.00	39.54 2.24 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.45 3.39 0.00	53.97 3.20 0.00	65.40 3.94 0.00	66.06 3.98 0.00	45.45 2.61 0.00	42.26 2.43 0.00	37.04 1.96 0.00
NYPA__HOLTSVILL 23794	47.23 2.26 -13.65	37.93 2.04 -4.92	31.59 1.96 0.00	31.91 1.83 0.00	31.26 1.77 0.00	38.17 2.00 -4.00	48.00 2.96 -3.95	51.91 2.84 0.00	47.01 2.70 0.00	39.69 2.39 0.00	40.25 2.58 -1.37	41.73 2.59 -3.13	39.36 2.63 -1.26	41.76 2.75 -2.74	45.64 2.82 -6.76	46.42 2.91 -6.17	48.00 3.54 -3.81	59.89 4.19 -8.65	71.84 3.91 -17.16	88.44 4.80 -22.18	81.03 4.85 -14.11	52.22 3.34 -6.03	47.89 3.22 -4.84	46.37 2.66 -8.64
NYPA__HELLGATE_GT1 24158	33.11 1.78 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.58 1.50 0.00	30.79 1.30 0.00	33.43 1.25 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.78 2.48 0.01	39.38 2.09 0.01	38.36 2.07 0.01	38.09 2.09 0.01	37.63 2.16 0.01	38.50 2.25 0.01	38.37 2.31 0.01	39.68 2.35 0.01	43.37 2.72 0.01	50.25 3.20 0.01	53.76 2.99 0.01	65.21 3.75 0.01	65.80 3.72 0.01	45.37 2.53 0.00	42.22 2.39 0.00	37.04 1.96 0.00
NYPA__HELLGATE_GT2 24159	33.11 1.78 0.00	32.42 1.46 0.00	31.24 1.60 0.00	31.58 1.50 0.00	30.79 1.30 0.00	33.43 1.25 0.00	43.15 2.05 0.00	51.61 2.55 0.00	46.78 2.48 0.01	39.38 2.09 0.01	38.36 2.07 0.01	38.09 2.09 0.01	37.63 2.16 0.01	38.50 2.25 0.01	38.37 2.31 0.01	39.68 2.35 0.01	43.37 2.72 0.01	50.25 3.20 0.01	53.76 2.99 0.01	65.21 3.75 0.01	65.80 3.72 0.01	45.37 2.53 0.00	42.22 2.39 0.00	37.04 1.96 0.00
NYS_BARGE__HYD 23848	29.82 -1.50 0.00	29.11 -1.86 0.00	27.74 -1.90 0.00	28.03 -2.05 0.00	27.81 -1.68 0.00	29.70 -2.48 0.00	37.07 -4.03 0.00	44.79 -4.27 0.00	40.81 -3.50 0.00	33.54 -3.77 0.00	33.11 -3.19 0.00	32.87 -3.13 0.00	32.32 -3.16 0.00	33.11 -3.16 0.00	32.46 -3.61 0.01	33.32 -3.99 0.02	35.54 -5.08 0.03	41.11 -5.93 0.02	45.27 -5.48 0.02	54.94 -6.52 0.01	56.04 -6.02 0.02	38.38 -4.46 0.01	36.08 -3.75 0.01	31.77 -3.30 0.00

OAK ORCHARD__HYD 24046	30.70 -0.63 0.00	30.13 -0.83 0.00	28.75 -0.89 0.00	29.14 -0.93 0.00	28.70 -0.79 0.00	31.27 -0.90 0.00	39.62 -1.48 0.00	47.74 -1.32 0.00	43.24 -1.06 0.00	36.03 -1.27 0.00	35.29 -1.02 0.00	35.04 -0.97 0.00	34.45 -1.03 0.00	35.29 -0.98 0.00	34.80 -1.26 0.00	35.94 -1.38 0.01	38.47 -2.16 0.02	44.55 -2.50 0.01	48.78 -1.98 0.01	59.06 -2.40 0.00	60.08 -1.99 0.01	41.16 -1.67 0.00	38.47 -1.35 0.00	33.81 -1.26 0.00
OAKDALE__35_KV_LOAD 356122	31.48 0.16 0.00	31.06 0.09 0.00	29.67 0.03 0.00	30.08 0.00 0.00	29.52 0.03 0.00	32.11 -0.06 0.00	41.09 0.00 0.00	49.11 0.05 0.00	44.40 0.09 0.00	37.26 -0.04 0.00	36.34 0.04 0.00	36.01 0.00 0.00	35.48 0.00 0.00	36.26 0.00 0.00	36.04 -0.04 -0.01	37.32 -0.04 -0.02	40.70 0.00 -0.05	47.08 0.00 -0.02	50.85 0.05 -0.02	61.47 0.00 -0.01	62.17 0.06 -0.02	42.85 0.00 -0.01	39.84 0.00 -0.01	35.04 -0.04 0.00
OCC_CHEM__DRP 24175	29.19 -2.13 0.00	28.46 -2.51 0.00	27.09 -2.55 0.00	27.37 -2.71 0.00	27.16 -2.33 0.00	28.67 -3.51 0.00	36.24 -4.85 0.00	43.81 -5.25 0.00	39.61 -4.70 0.00	32.86 -4.44 0.00	32.49 -3.81 0.00	32.15 -3.85 0.00	31.72 -3.76 0.00	32.46 -3.81 0.00	31.88 -4.18 0.01	32.61 -4.70 0.02	34.77 -5.81 0.07	39.98 -7.06 0.02	43.14 -7.62 0.02	53.71 -7.74 0.01	53.50 -8.57 0.02	37.56 -5.27 0.01	35.40 -4.42 0.01	31.25 -3.82 0.00
OH_GEN_PROXY 24063	29.63 -1.69 0.00	28.89 -2.07 0.00	27.50 -2.13 0.00	27.79 -2.29 0.00	27.58 -1.92 0.00	29.60 -2.58 0.00	36.94 -4.15 0.00	44.60 -4.46 0.00	40.63 -3.68 0.00	33.46 -3.84 0.00	33.00 -3.30 0.00	32.80 -3.20 0.00	32.21 -3.26 0.00	33.00 -3.26 0.00	32.38 -3.68 0.01	33.21 -4.11 0.02	35.36 -5.24 0.05	40.92 -6.12 0.02	45.12 -5.64 0.02	54.76 -6.70 0.01	55.79 -6.27 0.02	38.29 -4.54 0.01	36.00 -3.82 0.01	31.74 -3.33 0.00
OLIN_CORP_DRP 24177	29.54 -1.79 0.00	28.86 -2.11 0.00	27.48 -2.16 0.00	27.76 -2.32 0.00	27.55 -1.95 0.00	28.80 -3.38 0.00	36.45 -4.64 0.00	44.06 -5.00 0.00	39.83 -4.47 0.00	33.01 -4.29 0.00	32.60 -3.70 0.00	32.26 -3.74 0.00	31.82 -3.65 0.00	32.56 -3.70 0.00	31.99 -4.08 0.01	32.76 -4.55 0.02	34.84 -5.77 0.04	40.35 -6.68 0.02	43.49 -7.26 0.02	54.02 -7.44 0.01	53.93 -8.13 0.02	37.73 -5.10 0.01	35.56 -4.26 0.01	31.35 -3.72 0.00
OLIN_CORP_DSASP 323712	29.19 -2.13 0.00	28.46 -2.51 0.00	27.09 -2.55 0.00	27.37 -2.71 0.00	27.16 -2.33 0.00	28.67 -3.51 0.00	36.24 -4.85 0.00	43.81 -5.25 0.00	39.61 -4.70 0.00	32.86 -4.44 0.00	32.49 -3.81 0.00	32.15 -3.85 0.00	31.72 -3.76 0.00	32.46 -3.81 0.00	31.88 -4.18 0.01	32.61 -4.70 0.02	34.77 -5.81 0.07	39.98 -7.06 0.02	43.14 -7.62 0.02	53.71 -7.74 0.01	53.50 -8.57 0.02	37.56 -5.27 0.01	35.40 -4.42 0.01	31.25 -3.82 0.00
ONEIDA_HERK_LFGE 323681	31.29 -0.03 0.00	31.03 0.06 0.00	29.76 0.12 0.00	30.35 0.27 0.00	29.87 0.38 0.00	32.69 0.51 0.00	42.00 0.90 0.00	50.29 1.23 0.00	45.33 1.02 0.00	37.93 0.63 0.00	36.88 0.58 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.81 0.54 0.00	36.61 0.54 0.00	37.93 0.60 0.00	41.27 0.61 0.00	47.95 0.89 0.00	51.99 1.22 0.00	63.31 1.84 0.00	64.19 2.11 0.00	44.04 1.20 0.00	40.79 0.95 0.00	35.70 0.63 0.00
ONEIDA__115KV_TB4 55905	31.79 0.47 0.00	31.43 0.46 0.00	30.08 0.44 0.00	30.56 0.48 0.00	30.05 0.56 0.00	32.79 0.61 0.00	42.00 0.90 0.00	50.19 1.13 0.00	45.28 0.97 0.00	37.97 0.67 0.00	36.96 0.65 0.00	36.62 0.61 0.00	36.04 0.57 0.00	36.88 0.62 0.00	36.65 0.58 0.00	37.97 0.63 0.00	41.31 0.65 0.00	47.95 0.89 0.00	51.89 1.12 0.00	63.00 1.54 0.00	63.76 1.68 0.00	43.87 1.03 0.00	40.67 0.84 0.00	35.70 0.63 0.00
ONONDAGA_REF_OCCRA 23987	31.16 -0.16 0.00	30.78 -0.19 0.00	29.40 -0.24 0.00	29.84 -0.24 0.00	29.26 -0.24 0.00	31.85 -0.32 0.00	40.64 -0.45 0.00	48.62 -0.44 0.00	43.91 -0.40 0.00	36.93 -0.37 0.00	35.98 -0.33 0.00	35.68 -0.32 0.00	35.09 -0.39 0.00	35.90 -0.36 0.00	35.67 -0.40 0.00	36.92 -0.41 0.00	40.13 -0.53 0.00	46.49 -0.56 0.00	50.16 -0.61 0.00	60.85 -0.61 0.00	61.46 -0.62 0.00	42.41 -0.43 0.00	39.43 -0.40 0.00	34.76 -0.32 0.00
ONONDAGA__COGEN 23986	31.16 -0.16 0.00	30.78 -0.19 0.00	29.40 -0.24 0.00	29.84 -0.24 0.00	29.26 -0.24 0.00	31.82 -0.35 0.00	40.60 -0.49 0.00	48.57 -0.49 0.00	43.86 -0.44 0.00	36.89 -0.41 0.00	35.94 -0.36 0.00	35.65 -0.36 0.00	35.09 -0.39 0.00	35.90 -0.36 0.00	35.63 -0.43 0.00	36.92 -0.41 0.00	40.08 -0.57 0.01	46.39 -0.66 0.00	50.11 -0.66 0.00	60.79 -0.68 0.00	61.40 -0.68 0.00	42.37 -0.47 0.00	39.39 -0.44 0.00	34.76 -0.32 0.00
ONTARIO__LFGE 23819	31.07 -0.25 0.00	30.56 -0.40 0.00	29.14 -0.50 0.00	29.56 -0.51 0.00	29.14 -0.35 0.00	31.72 -0.45 0.00	40.48 -0.62 0.00	48.52 -0.54 0.00	43.91 -0.40 0.00	36.59 -0.71 0.00	35.69 -0.62 0.00	35.36 -0.65 0.00	34.69 -0.78 0.00	35.54 -0.72 0.00	35.13 -0.94 0.01	36.35 -0.97 0.02	39.53 -1.10 0.03	45.87 -1.17 0.02	49.74 -1.02 0.02	60.11 -1.35 0.01	61.01 -1.06 0.02	42.02 -0.82 0.01	39.07 -0.76 0.01	34.30 -0.77 0.00
ORANGEVILLE_WT_PWR 323706	29.98 -1.35 0.00	29.29 -1.67 0.00	27.92 -1.72 0.00	28.24 -1.84 0.00	28.02 -1.47 0.00	30.18 -1.99 0.00	37.97 -3.12 0.00	45.72 -3.34 0.00	41.60 -2.70 0.00	34.28 -3.02 0.00	33.73 -2.58 0.00	33.38 -2.63 0.00	32.74 -2.73 0.00	33.54 -2.72 0.00	32.92 -3.14 0.01	33.91 -3.40 0.03	36.70 -3.90 0.05	42.60 -4.43 0.03	46.23 -4.52 0.03	56.17 -5.29 0.01	57.09 -4.97 0.03	39.15 -3.68 0.01	36.56 -3.27 0.01	32.20 -2.88 0.00
ORANGEVILLE__ESR 323794	29.98 -1.35 0.00	29.29 -1.67 0.00	27.92 -1.72 0.00	28.24 -1.84 0.00	28.02 -1.47 0.00	30.18 -1.99 0.00	37.97 -3.12 0.00	45.72 -3.34 0.00	41.60 -2.70 0.00	34.28 -3.02 0.00	33.73 -2.58 0.00	33.38 -2.63 0.00	32.74 -2.73 0.00	33.54 -2.72 0.00	32.92 -3.14 0.01	33.91 -3.40 0.03	36.70 -3.90 0.05	42.60 -4.43 0.03	46.23 -4.52 0.03	56.17 -5.29 0.01	57.09 -4.97 0.03	39.15 -3.68 0.01	36.56 -3.27 0.01	32.20 -2.88 0.00
OSWEGATCHIE__HYD 24044	30.01 -1.31 0.00	29.85 -1.11 0.00	28.66 -0.98 0.00	29.23 -0.84 0.00	28.78 -0.71 0.00	31.56 -0.61 0.00	40.60 -0.49 0.00	48.67 -0.39 0.00	43.78 -0.53 0.00	36.67 -0.63 0.00	35.58 -0.73 0.00	35.22 -0.79 0.00	34.77 -0.71 0.00	35.50 -0.76 0.00	35.31 -0.76 0.00	36.59 -0.75 0.00	39.84 -0.81 0.00	46.35 -0.70 0.00	50.36 -0.41 0.00	61.28 -0.18 0.00	62.08 0.00 0.00	42.58 -0.26 0.00	39.39 -0.44 0.00	34.51 -0.56 0.00
OSWEGO__5 23606	30.66 -0.66 0.00	30.28 -0.68 0.00	28.96 -0.68 0.00	29.39 -0.69 0.00	28.84 -0.65 0.00	31.40 -0.77 0.00	39.94 -1.15 0.00	47.74 -1.32 0.00	43.11 -1.19 0.00	36.26 -1.04 0.00	35.32 -0.98 0.00	35.04 -0.97 0.00	34.48 -0.99 0.00	35.29 -0.98 0.00	35.06 -1.01 0.00	36.25 -1.08 0.00	39.39 -1.26 0.00	45.60 -1.46 0.00	49.30 -1.47 0.00	59.68 -1.78 0.00	60.41 -1.67 0.00	41.64 -1.20 0.00	38.76 -1.07 0.00	34.20 -0.88 0.00

OSWEGO___6 23613	30.66 -0.66 0.00	30.28 -0.68 0.00	28.96 -0.68 0.00	29.39 -0.69 0.00	28.84 -0.65 0.00	31.40 -0.77 0.00	39.94 -1.15 0.00	47.74 -1.32 0.00	43.11 -1.19 0.00	36.26 -1.04 0.00	35.32 -0.98 0.00	35.04 -0.97 0.00	34.48 -0.99 0.00	35.29 -0.98 0.00	35.06 -1.01 0.00	36.25 -1.08 0.00	39.39 -1.26 0.00	45.60 -1.46 0.00	49.30 -1.47 0.00	59.68 -1.78 0.00	60.41 -1.67 0.00	41.64 -1.20 0.00	38.76 -1.07 0.00	34.20 -0.88 0.00
OUTOKUMPU-AB___DRP 24206	29.79 -1.53 0.00	29.04 -1.92 0.00	27.68 -1.96 0.00	27.97 -2.11 0.00	27.75 -1.74 0.00	29.28 -2.90 0.00	37.15 -3.94 0.00	44.89 -4.17 0.00	40.63 -3.68 0.00	33.68 -3.62 0.00	33.25 -3.05 0.00	32.91 -3.10 0.00	32.46 -3.02 0.00	33.22 -3.05 0.00	32.63 -3.43 0.01	33.47 -3.85 0.02	36.13 -4.51 0.01	41.39 -5.65 0.02	44.61 -6.14 0.02	55.07 -6.39 0.01	55.17 -6.89 0.02	38.46 -4.37 0.01	36.16 -3.66 0.01	31.85 -3.23 0.00
OXBOW___BTM 323836	29.54 -1.78 0.00	28.80 -2.17 0.00	27.42 -2.22 0.00	27.70 -2.38 0.00	27.49 -2.01 0.00	29.50 -2.67 0.00	36.74 -4.36 0.00	44.40 -4.66 0.00	40.54 -3.77 0.00	33.31 -3.99 0.00	32.93 -3.38 0.00	32.70 -3.31 0.00	32.14 -3.34 0.00	32.96 -3.30 0.00	32.31 -3.75 0.01	33.09 -4.22 0.02	36.25 -4.39 0.01	40.73 -6.30 0.02	44.92 -5.84 0.02	54.51 -6.95 0.01	55.55 -6.52 0.02	38.08 -4.76 0.01	35.84 -3.98 0.01	31.57 -3.51 0.00
OXBOW___ 24026	29.54 -1.79 0.00	28.77 -2.20 0.00	27.42 -2.22 0.00	27.70 -2.38 0.00	27.49 -2.01 0.00	28.99 -3.19 0.00	36.74 -4.36 0.00	44.40 -4.66 0.00	40.19 -4.12 0.00	33.31 -3.99 0.00	32.93 -3.38 0.00	32.59 -3.42 0.00	32.14 -3.33 0.00	32.89 -3.37 0.00	32.31 -3.75 0.01	33.09 -4.22 0.02	36.25 -4.39 0.01	40.73 -6.31 0.02	43.95 -6.80 0.02	54.45 -7.01 0.01	54.43 -7.64 0.02	38.03 -4.80 0.01	35.80 -4.02 0.01	31.57 -3.51 0.00
OXY_CHEM_DSASP 323612	29.19 -2.13 0.00	28.46 -2.51 0.00	27.09 -2.55 0.00	27.37 -2.71 0.00	27.16 -2.33 0.00	28.67 -3.51 0.00	36.24 -4.85 0.00	43.81 -5.25 0.00	39.61 -4.70 0.00	32.86 -4.44 0.00	32.49 -3.81 0.00	32.15 -3.85 0.00	31.72 -3.76 0.00	32.46 -3.81 0.00	31.88 -4.18 0.01	32.61 -4.70 0.02	34.77 -5.81 0.07	39.98 -7.06 0.02	43.14 -7.62 0.02	53.71 -7.74 0.01	53.50 -8.57 0.02	37.56 -5.27 0.01	35.40 -4.42 0.01	31.25 -3.82 0.00
OZONE_PARK_ESR 323760	33.20 1.88 0.00	32.64 1.67 0.00	31.27 1.63 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.78 1.61 0.00	43.60 2.51 0.00	52.10 3.04 0.00	47.45 3.15 0.00	39.84 2.54 0.00	38.81 2.50 0.00	38.53 2.52 0.00	38.03 2.55 0.00	38.95 2.68 0.00	38.81 2.74 0.00	40.13 2.80 0.00	43.87 3.21 0.00	50.82 3.76 0.00	54.68 3.91 0.00	66.01 4.55 0.00	66.80 4.72 0.00	45.84 3.00 0.00	42.54 2.71 0.00	37.28 2.21 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.19 -2.13 0.00	28.46 -2.51 0.00	27.09 -2.55 0.00	27.37 -2.71 0.00	27.16 -2.33 0.00	28.67 -3.51 0.00	36.24 -4.85 0.00	43.81 -5.25 0.00	39.61 -4.70 0.00	32.86 -4.44 0.00	32.49 -3.81 0.00	32.15 -3.85 0.00	31.72 -3.76 0.00	32.46 -3.81 0.00	31.88 -4.18 0.01	32.61 -4.70 0.02	34.77 -5.81 0.07	39.98 -7.06 0.02	43.14 -7.62 0.02	53.71 -7.74 0.01	53.50 -8.57 0.02	37.56 -5.27 0.01	35.40 -4.42 0.01	31.25 -3.82 0.00
PACKARD___115KV_DUPONT_184 80571	29.19 -2.13 0.00	28.46 -2.51 0.00	27.09 -2.55 0.00	27.37 -2.71 0.00	27.16 -2.33 0.00	29.15 -3.03 0.00	36.29 -4.81 0.00	43.81 -5.25 0.00	40.01 -4.30 0.00	32.86 -4.44 0.00	32.49 -3.81 0.00	32.26 -3.75 0.00	31.71 -3.76 0.00	32.53 -3.73 0.00	31.88 -4.18 0.01	32.64 -4.67 0.02	34.77 -5.81 0.07	39.98 -7.06 0.02	44.30 -6.45 0.02	53.71 -7.75 0.01	54.80 -7.26 0.02	37.56 -5.27 0.01	35.40 -4.42 0.01	31.25 -3.82 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.14 1.82 0.00	32.51 1.55 0.00	31.27 1.63 0.00	31.58 1.50 0.00	30.82 1.33 0.00	33.53 1.35 0.00	43.19 2.10 0.00	51.61 2.55 0.00	46.83 2.53 0.00	39.35 2.05 0.00	38.34 2.03 0.00	38.06 2.05 0.00	37.60 2.13 0.00	38.47 2.21 0.00	38.38 2.31 0.00	39.68 2.35 0.00	43.38 2.72 0.00	50.26 3.20 0.00	53.97 3.20 0.00	65.15 3.69 0.00	65.87 3.79 0.00	45.37 2.53 0.00	42.22 2.39 0.00	37.07 2.00 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.64 2.32 0.00	32.98 2.01 0.00	31.74 2.10 0.00	32.06 1.99 0.00	31.26 1.77 0.00	34.01 1.83 0.00	43.85 2.75 0.00	52.40 3.34 0.00	47.54 3.23 0.00	39.91 2.61 0.00	38.88 2.58 0.00	38.56 2.56 0.00	38.10 2.63 0.00	38.95 2.68 0.00	38.85 2.78 0.00	40.17 2.84 0.00	43.91 3.25 0.00	50.91 3.86 0.00	54.68 3.91 0.00	66.08 4.61 0.00	66.80 4.72 0.00	45.97 3.13 0.00	42.78 2.95 0.00	37.56 2.49 0.00
PATROON___115KV_TB1 80586	32.32 1.00 0.00	32.14 1.18 0.00	30.77 1.13 0.00	31.19 1.11 0.00	30.52 1.03 0.00	33.40 1.22 0.00	42.24 1.15 0.00	50.29 1.23 0.00	45.28 0.97 0.00	38.20 0.90 0.00	37.14 0.83 0.00	36.91 0.90 0.00	36.36 0.89 0.00	37.10 0.83 0.00	37.01 0.94 0.00	38.34 1.01 0.00	41.83 1.18 0.00	48.23 1.18 0.00	52.09 1.32 0.00	62.69 1.23 0.00	63.51 1.43 0.00	44.04 1.20 0.00	40.95 1.12 0.00	35.95 0.88 0.00
PATRSNVILLE___SOLAR 323815	32.61 1.28 0.00	32.17 1.21 0.00	30.79 1.15 0.00	31.28 1.20 0.00	30.61 1.12 0.00	33.46 1.29 0.00	42.82 1.73 0.00	50.73 1.67 0.00	45.37 1.06 0.00	38.09 0.78 0.00	36.96 0.65 0.00	36.62 0.61 0.00	36.11 0.64 0.00	36.84 0.58 0.00	36.79 0.72 0.00	38.15 0.82 0.00	41.75 1.10 0.00	48.61 1.55 0.00	52.65 1.88 0.00	63.93 2.46 0.00	64.69 2.61 0.00	44.77 1.93 0.00	41.58 1.75 0.00	36.48 1.40 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.72 -1.60 0.00	29.01 -1.95 0.00	27.62 -2.02 0.00	27.91 -2.17 0.00	27.69 -1.80 0.00	29.38 -2.80 0.00	37.40 -3.70 0.00	44.99 -4.07 0.00	40.72 -3.59 0.00	33.76 -3.54 0.00	33.29 -3.01 0.00	32.95 -3.06 0.00	32.46 -3.02 0.00	33.18 -3.08 0.00	32.63 -3.43 0.01	33.95 -3.36 0.02	37.44 -3.17 0.04	43.55 -3.48 0.02	46.84 -3.91 0.02	55.37 -6.09 0.01	56.85 -5.21 0.02	38.76 -4.07 0.01	36.12 -3.70 0.01	31.88 -3.19 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.98 1.66 0.00	32.48 1.52 0.00	31.09 1.45 0.00	31.49 1.41 0.00	30.76 1.27 0.00	33.69 1.51 0.00	43.35 2.26 0.00	51.61 2.55 0.00	46.88 2.57 0.00	39.46 2.16 0.00	38.37 2.07 0.00	38.10 2.09 0.00	37.64 2.16 0.00	38.47 2.21 0.00	38.38 2.31 0.00	39.72 2.39 0.00	43.38 2.72 0.00	50.26 3.20 0.00	54.02 3.25 0.00	65.34 3.87 0.00	66.12 4.04 0.00	45.45 2.61 0.00	42.18 2.35 0.00	37.04 1.96 0.00
PEEKSKILL___ 23653	32.79 1.47 0.00	32.27 1.30 0.00	30.91 1.27 0.00	31.28 1.20 0.00	30.55 1.06 0.00	33.43 1.25 0.00	43.07 1.97 0.00	51.37 2.31 0.00	46.61 2.30 0.00	39.28 1.98 0.00	38.26 1.96 0.00	37.99 1.98 0.00	37.50 2.02 0.00	38.37 2.10 0.00	38.27 2.20 0.00	39.53 2.20 0.00	43.22 2.56 0.00	50.07 3.01 0.00	53.66 2.89 0.00	65.09 3.63 0.00	65.74 3.66 0.00	45.24 2.40 0.00	42.02 2.19 0.00	36.83 1.75 0.00

PGE MADISON___WINDPWR 24146	32.61 1.28 0.00	32.27 1.30 0.00	30.88 1.24 0.00	31.40 1.32 0.00	30.94 1.45 0.00	33.82 1.64 0.00	43.56 2.47 0.00	52.05 2.99 0.00	46.97 2.66 0.00	39.20 1.90 0.00	38.05 1.74 0.00	37.56 1.55 0.00	36.89 1.42 0.00	37.68 1.41 0.00	37.44 1.37 0.00	38.75 1.42 0.00	42.29 1.63 -0.01	49.22 2.16 0.00	53.42 2.64 0.00	64.85 3.38 0.00	65.75 3.66 0.00	45.11 2.27 0.00	41.86 2.03 0.00	36.65 1.58 0.00
PIERCEFIELD___HYD 23852	29.88 -1.44 0.00	29.73 -1.24 0.00	28.51 -1.13 0.00	28.99 -1.08 0.00	28.49 -1.00 0.00	31.21 -0.97 0.00	40.15 -0.95 0.00	48.08 -0.98 0.00	43.33 -0.97 0.00	36.44 -0.86 0.00	35.36 -0.94 0.00	34.96 -1.04 0.00	34.55 -0.92 0.00	35.32 -0.94 0.00	35.10 -0.97 0.00	36.32 -1.01 0.00	39.68 -0.98 0.00	46.02 -1.04 0.00	49.81 -0.96 0.00	60.48 -0.98 0.00	61.15 -0.93 0.00	41.94 -0.90 0.00	38.84 -1.00 0.00	34.13 -0.95 0.00
PINELAWN_CC_1 323563	47.23 2.26 -13.65	37.93 2.04 -4.92	31.56 1.93 0.00	31.91 1.83 0.00	31.26 1.77 0.00	38.21 2.03 -4.00	48.08 3.04 -3.95	52.01 2.94 0.00	47.23 2.92 0.00	39.84 2.54 0.00	40.43 2.76 -1.37	41.91 2.77 -3.13	39.54 2.80 -1.26	41.91 2.90 -2.74	45.79 2.96 -6.76	46.57 3.06 -6.18	48.44 3.54 -4.25	60.84 4.14 -9.64	73.90 4.01 -19.12	91.08 4.98 -24.64	82.83 5.03 -15.72	52.95 3.38 -6.73	47.86 3.19 -4.84	46.34 2.63 -8.64
PJM_GEN_HTP_PROXY 323702	32.98 1.66 0.00	32.42 1.46 0.00	31.09 1.45 0.00	31.43 1.35 0.00	30.70 1.21 0.00	33.56 1.38 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.82 2.34 0.00	38.69 2.43 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.45 3.39 0.00	54.07 3.30 0.00	65.52 4.06 0.00	66.18 4.10 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00
PJM_GEN_KEystone 24065	31.29 -0.03 0.00	30.66 -0.31 0.00	29.31 -0.33 0.00	29.63 -0.45 0.00	29.14 -0.35 0.00	31.69 -0.48 0.00	40.43 -0.66 0.00	48.37 -0.69 0.00	43.91 -0.40 0.00	36.67 -0.63 0.00	35.87 -0.43 0.00	35.61 -0.40 0.00	35.09 -0.39 0.00	35.90 -0.36 0.00	35.59 -0.47 0.00	36.72 -0.60 0.01	40.10 -0.53 0.03	46.48 -0.56 0.01	49.90 -0.86 0.01	60.66 -0.80 0.00	61.39 -0.68 0.01	42.24 -0.60 0.00	39.27 -0.56 0.00	34.51 -0.56 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.77 1.94 -5.50	34.71 1.76 -1.98	31.30 1.66 0.00	31.64 1.56 0.00	30.97 1.47 0.00	35.49 1.70 -1.61	45.27 2.59 -1.59	51.51 2.45 0.00	46.88 2.57 0.00	39.58 2.28 0.00	39.36 2.50 -0.55	39.75 2.48 -1.26	38.54 2.56 -0.51	40.01 2.65 -1.11	41.50 2.71 -2.72	42.62 2.76 -2.52	47.38 3.13 -3.59	58.84 3.62 -8.16	70.40 3.45 -16.18	86.56 4.18 -20.91	79.61 4.22 -13.30	51.40 2.87 -5.69	44.49 2.71 -1.95	40.83 2.28 -3.48
PJM_GEN_VFT_PROXY 323633	32.89 1.57 0.00	32.33 1.36 0.00	31.00 1.36 0.00	31.34 1.26 0.00	30.61 1.12 0.00	33.49 1.32 0.00	43.19 2.09 0.00	51.61 2.55 0.00	46.92 2.61 0.00	39.46 2.16 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.71 2.24 0.00	38.59 2.32 0.00	38.49 2.42 0.00	39.76 2.43 0.00	43.46 2.80 0.00	50.35 3.29 0.00	53.92 3.15 0.00	65.34 3.87 0.00	66.00 3.91 0.00	45.41 2.57 0.00	42.14 2.31 0.00	36.93 1.86 0.00
PLATSBURG_115KV_PMLD1 355749	31.07 -0.25 0.00	30.81 -0.15 0.00	29.55 -0.09 0.00	30.05 -0.03 0.00	29.55 0.06 0.00	32.37 0.19 0.00	41.59 0.49 0.00	49.85 0.78 0.00	45.06 0.75 0.00	37.97 0.67 0.00	36.92 0.62 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.77 0.51 0.00	36.50 0.43 0.00	37.82 0.49 0.00	41.26 0.61 0.00	47.81 0.75 0.00	51.63 0.86 0.00	62.51 1.04 0.00	63.14 1.06 0.00	43.31 0.47 0.00	40.15 0.32 0.00	35.25 0.18 0.00
PLEASANTVLY___LBMP 24000	32.64 1.32 0.00	32.17 1.21 0.00	30.80 1.16 0.00	31.16 1.08 0.00	30.46 0.97 0.00	33.33 1.16 0.00	42.86 1.77 0.00	51.12 2.06 0.00	46.39 2.08 0.00	39.05 1.75 0.00	38.01 1.71 0.00	37.74 1.73 0.00	37.25 1.77 0.00	38.08 1.81 0.00	37.98 1.91 0.00	39.27 1.94 0.00	42.89 2.24 0.00	49.69 2.64 0.00	53.46 2.69 0.00	64.60 3.13 0.00	65.31 3.23 0.00	44.94 2.10 0.00	41.74 1.91 0.00	36.69 1.61 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.92 1.60 0.00	32.42 1.46 0.00	31.03 1.39 0.00	31.40 1.32 0.00	30.67 1.18 0.00	33.59 1.42 0.00	43.23 2.14 0.00	51.61 2.55 0.00	46.97 2.66 0.00	39.50 2.20 0.00	38.48 2.18 0.00	38.17 2.16 0.00	37.71 2.23 0.00	38.58 2.32 0.00	38.45 2.38 0.00	39.76 2.43 0.00	43.46 2.81 0.00	50.35 3.29 0.00	54.17 3.40 0.00	65.46 4.00 0.00	66.18 4.10 0.00	45.41 2.57 0.00	42.18 2.35 0.00	37.00 1.93 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.92 1.60 0.00	32.42 1.46 0.00	31.03 1.39 0.00	31.40 1.32 0.00	30.67 1.18 0.00	33.59 1.42 0.00	43.23 2.14 0.00	51.61 2.55 0.00	46.97 2.66 0.00	39.50 2.20 0.00	38.48 2.18 0.00	38.17 2.16 0.00	37.71 2.23 0.00	38.58 2.32 0.00	38.45 2.38 0.00	39.76 2.43 0.00	43.46 2.81 0.00	50.35 3.29 0.00	54.17 3.40 0.00	65.46 4.00 0.00	66.18 4.10 0.00	45.41 2.57 0.00	42.18 2.35 0.00	37.00 1.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.82 1.50 0.00	32.36 1.39 0.00	30.94 1.30 0.00	31.34 1.26 0.00	30.64 1.15 0.00	33.56 1.38 0.00	43.11 2.01 0.00	51.27 2.21 0.00	46.48 2.17 0.00	39.13 1.83 0.00	38.01 1.71 0.00	37.74 1.73 0.00	37.25 1.77 0.00	38.11 1.85 0.00	37.94 1.88 0.00	39.31 1.98 0.00	42.93 2.28 0.00	49.74 2.68 0.00	53.51 2.74 0.00	64.72 3.26 0.00	65.43 3.35 0.00	45.11 2.27 0.00	41.90 2.07 0.00	36.79 1.72 0.00
POLETTI___ 23519	32.95 1.63 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.40 1.32 0.00	30.67 1.18 0.00	33.56 1.38 0.00	43.27 2.18 0.00	51.66 2.60 0.00	47.05 2.75 0.00	39.50 2.20 0.00	38.48 2.18 0.00	38.20 2.20 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.49 2.42 0.00	39.80 2.46 0.00	43.50 2.85 0.00	50.40 3.34 0.00	54.17 3.40 0.00	65.40 3.93 0.00	66.18 4.10 0.00	45.45 2.61 0.00	42.22 2.39 0.00	37.00 1.93 0.00
POMONA___ESR 323819	32.79 1.47 0.00	32.27 1.30 0.00	30.91 1.27 0.00	31.28 1.20 0.00	30.55 1.06 0.00	33.43 1.25 0.00	43.07 1.97 0.00	51.37 2.31 0.00	46.57 2.26 0.00	39.28 1.98 0.00	38.23 1.92 0.00	37.95 1.94 0.00	37.46 1.99 0.00	38.33 2.07 0.00	38.20 2.13 0.00	39.50 2.16 0.00	43.18 2.52 0.00	49.97 2.92 0.00	53.61 2.84 0.00	65.09 3.63 0.00	65.68 3.60 0.00	45.24 2.40 0.00	41.98 2.15 0.00	36.83 1.75 0.00
PORT_JEFF_3 23555	47.33 2.35 -13.65	38.02 2.13 -4.92	31.66 2.02 0.00	31.97 1.90 0.00	31.35 1.86 0.00	38.27 2.09 -4.00	48.12 3.08 -3.95	52.05 2.99 0.00	47.15 2.84 0.00	39.80 2.50 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.43 2.69 -1.26	41.84 2.83 -2.74	45.75 2.92 -6.76	46.52 3.02 -6.17	48.13 3.66 -3.81	60.10 4.38 -8.66	72.06 4.11 -17.18	88.77 5.10 -22.20	81.36 5.15 -14.12	52.40 3.51 -6.04	48.05 3.38 -4.84	46.48 2.77 -8.64

PORT_JEFF_4 23616	47.33 2.35 -13.65	38.02 2.13 -4.92	31.66 2.02 0.00	31.97 1.90 0.00	31.35 1.86 0.00	38.27 2.09 -4.00	48.12 3.08 -3.95	52.05 2.99 0.00	47.15 2.84 0.00	39.80 2.50 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.43 2.69 -1.26	41.84 2.83 -2.74	45.75 2.92 -6.76	46.52 3.02 -6.17	48.13 3.66 -3.81	60.10 4.38 -8.66	72.06 4.11 -17.18	88.77 5.10 -22.20	81.36 5.15 -14.12	52.40 3.51 -6.04	48.05 3.38 -4.84	46.48 2.77 -8.64
PORT_JEFF_IC 23713	47.39 2.41 -13.65	38.12 2.23 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.41 1.92 0.00	38.37 2.19 -4.00	48.20 3.16 -3.95	52.15 3.09 0.00	47.67 3.37 0.00	39.84 2.54 0.00	40.43 2.76 -1.37	41.87 2.74 -3.13	39.50 2.77 -1.26	41.91 2.90 -2.74	45.79 2.96 -6.76	46.60 3.10 -6.17	48.26 3.78 -3.83	60.27 4.52 -8.69	72.47 4.47 -17.23	89.03 5.29 -22.28	81.72 5.46 -14.17	52.59 3.68 -6.06	48.13 3.47 -4.84	46.55 2.84 -8.64
PPL_PILGRIM_ST_GT1 24216	47.39 2.41 -13.65	38.05 2.17 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.38 1.89 0.00	38.33 2.16 -4.00	48.25 3.21 -3.95	52.10 3.04 0.00	47.32 3.01 0.00	39.91 2.61 0.00	40.54 2.87 -1.37	42.02 2.88 -3.13	39.61 2.87 -1.26	42.02 3.01 -2.74	45.89 3.06 -6.76	46.67 3.17 -6.17	48.29 3.74 -3.90	60.28 4.38 -8.85	72.53 4.21 -17.55	89.37 5.22 -22.68	81.79 5.27 -14.43	52.57 3.55 -6.17	48.01 3.35 -4.84	46.52 2.81 -8.64
PPL_PILGRIM_ST_GT2 24217	47.39 2.41 -13.65	38.05 2.17 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.38 1.89 0.00	38.33 2.16 -4.00	48.25 3.21 -3.95	52.10 3.04 0.00	47.32 3.01 0.00	39.91 2.61 0.00	40.54 2.87 -1.37	42.02 2.88 -3.13	39.61 2.87 -1.26	42.02 3.01 -2.74	45.89 3.06 -6.76	46.67 3.17 -6.17	48.29 3.74 -3.90	60.28 4.38 -8.85	72.53 4.21 -17.55	89.37 5.22 -22.68	81.79 5.27 -14.43	52.57 3.55 -6.17	48.01 3.35 -4.84	46.52 2.81 -8.64
PPL_SHRM_GT3 24213	47.35 2.38 -13.65	38.05 2.17 -4.92	31.68 2.04 0.00	32.00 1.93 0.00	31.35 1.86 0.00	38.27 2.09 -4.00	48.16 3.12 -3.95	52.10 3.04 0.00	46.97 2.66 0.00	39.61 2.31 0.00	40.03 2.36 -1.37	41.47 2.34 -3.13	39.11 2.38 -1.26	41.51 2.50 -2.74	45.43 2.60 -6.76	46.23 2.72 -6.17	48.09 3.62 -3.82	60.25 4.52 -8.68	71.89 3.91 -17.20	88.50 4.80 -22.24	81.08 4.85 -14.15	52.41 3.51 -6.05	48.13 3.46 -4.84	46.52 2.81 -8.64
PPL_SHRM_GT4 24214	47.35 2.38 -13.65	38.05 2.17 -4.92	31.68 2.04 0.00	32.00 1.93 0.00	31.35 1.86 0.00	38.27 2.09 -4.00	48.16 3.12 -3.95	52.10 3.04 0.00	46.97 2.66 0.00	39.61 2.31 0.00	40.03 2.36 -1.37	41.47 2.34 -3.13	39.11 2.38 -1.26	41.51 2.50 -2.74	45.43 2.60 -6.76	46.23 2.72 -6.17	48.09 3.62 -3.82	60.25 4.52 -8.68	71.89 3.91 -17.20	88.50 4.80 -22.24	81.08 4.85 -14.15	52.41 3.51 -6.05	48.13 3.46 -4.84	46.52 2.81 -8.64
PROJECT__ORANGE 1 24174	31.04 -0.28 0.00	30.66 -0.31 0.00	29.28 -0.36 0.00	29.72 -0.36 0.00	29.17 -0.32 0.00	31.72 -0.45 0.00	40.48 -0.62 0.00	48.37 -0.69 0.00	43.73 -0.58 0.00	36.78 -0.52 0.00	35.83 -0.47 0.00	35.58 -0.43 0.00	35.01 -0.46 0.00	35.83 -0.44 0.00	35.56 -0.50 0.00	36.81 -0.52 0.00	39.96 -0.69 0.00	46.26 -0.80 0.00	49.91 -0.86 0.00	60.54 -0.92 0.00	61.15 -0.93 0.00	42.20 -0.64 0.00	39.27 -0.56 0.00	34.62 -0.46 0.00
PROJECT__ORANGE 2 24166	31.04 -0.28 0.00	30.66 -0.31 0.00	29.28 -0.36 0.00	29.72 -0.36 0.00	29.17 -0.32 0.00	31.72 -0.45 0.00	40.48 -0.62 0.00	48.37 -0.69 0.00	43.73 -0.58 0.00	36.78 -0.52 0.00	35.83 -0.47 0.00	35.58 -0.43 0.00	35.01 -0.46 0.00	35.83 -0.44 0.00	35.56 -0.50 0.00	36.81 -0.52 0.00	39.96 -0.69 0.00	46.26 -0.80 0.00	49.91 -0.86 0.00	60.54 -0.92 0.00	61.15 -0.93 0.00	42.20 -0.64 0.00	39.27 -0.56 0.00	34.62 -0.46 0.00
PUCKETT__SOLAR 323809	31.85 0.53 0.00	31.43 0.47 0.00	30.02 0.38 0.00	30.47 0.39 0.00	29.93 0.44 0.00	32.63 0.45 0.00	41.79 0.70 0.00	49.90 0.83 0.00	45.06 0.75 0.00	37.75 0.45 0.00	36.74 0.44 0.00	36.40 0.40 0.00	35.79 0.32 0.00	36.63 0.36 0.00	36.40 0.32 -0.01	37.68 0.34 -0.02	41.14 0.45 -0.04	47.68 0.61 -0.02	51.45 0.66 -0.02	62.39 0.92 -0.01	63.15 1.05 -0.02	43.45 0.60 -0.01	40.39 0.56 -0.01	35.49 0.42 0.00
PYRITES__HYD 24023	30.51 -0.81 0.00	30.35 -0.62 0.00	29.11 -0.53 0.00	29.59 -0.48 0.00	29.11 -0.38 0.00	31.89 -0.29 0.00	41.05 -0.04 0.00	49.06 0.00 0.00	44.04 -0.27 0.00	36.93 -0.37 0.00	35.80 -0.51 0.00	35.40 -0.61 0.00	34.91 -0.57 0.00	35.65 -0.62 0.00	35.46 -0.61 0.00	36.77 -0.56 0.00	40.29 -0.37 0.00	46.77 -0.28 0.00	50.77 0.00 0.00	61.77 0.31 0.00	62.45 0.37 0.00	42.80 -0.04 0.00	39.63 -0.20 0.00	34.79 -0.28 0.00
QUAKERRD_115KV_BK1 80622	30.07 -1.25 0.00	29.57 -1.39 0.00	28.25 -1.39 0.00	28.60 -1.47 0.00	28.16 -1.33 0.00	30.50 -1.67 0.00	38.96 -2.14 0.00	46.85 -2.21 0.00	42.27 -2.04 0.00	35.44 -1.87 0.00	34.67 -1.63 0.00	34.39 -1.62 0.00	33.84 -1.63 0.00	34.63 -1.63 0.00	34.23 -1.84 0.00	35.34 -1.98 0.01	37.95 -2.68 0.02	43.94 -3.11 0.01	47.41 -3.35 0.01	58.08 -3.38 0.00	58.41 -3.66 0.01	40.48 -2.36 0.00	37.80 -2.03 0.00	33.25 -1.82 0.00
QUENSBRY_115KV_TB8 356137	33.01 1.69 0.00	32.61 1.64 0.00	31.27 1.63 0.00	31.79 1.71 0.00	30.91 1.42 0.00	33.85 1.67 0.00	43.27 2.18 0.00	51.27 2.21 0.00	45.81 1.51 0.00	38.57 1.27 0.00	37.47 1.16 0.00	37.20 1.19 0.00	36.61 1.14 0.00	37.24 0.98 0.00	37.26 1.19 0.00	38.68 1.34 0.00	42.24 1.59 0.00	49.08 2.02 0.00	53.11 2.34 0.00	64.29 2.83 0.00	65.25 3.17 0.00	45.15 2.31 0.00	41.90 2.07 0.00	36.72 1.65 0.00
RAMAPO__LBMP 323565	32.70 1.38 0.00	32.20 1.24 0.00	30.82 1.19 0.00	31.19 1.11 0.00	30.46 0.97 0.00	33.40 1.22 0.00	42.98 1.89 0.00	51.22 2.16 0.00	46.52 2.22 0.00	39.17 1.87 0.00	38.12 1.82 0.00	37.84 1.84 0.00	37.36 1.88 0.00	38.22 1.96 0.00	38.13 2.06 0.00	39.39 2.05 0.00	43.06 2.40 -0.01	49.83 2.78 0.00	53.67 2.89 0.00	64.91 3.44 0.00	65.62 3.54 0.00	45.11 2.27 0.00	41.86 2.03 0.00	36.72 1.65 0.00
RANKINE____ 23646	29.94 -1.38 0.00	29.23 -1.73 0.00	27.83 -1.81 0.00	28.12 -1.95 0.00	27.93 -1.56 0.00	29.54 -2.64 0.00	37.56 -3.53 0.00	45.28 -3.78 0.00	40.98 -3.32 0.00	33.98 -3.32 0.00	33.54 -2.76 0.00	33.16 -2.84 0.00	32.71 -2.77 0.00	33.43 -2.83 0.00	32.85 -3.21 0.01	33.88 -3.43 0.02	36.63 -3.98 0.04	42.42 -4.61 0.02	45.77 -4.98 0.02	55.62 -5.84 0.01	56.22 -5.84 0.02	38.85 -3.98 0.01	36.40 -3.43 0.01	32.09 -2.98 0.00
RAVENSWOOD_GT2_1 24244	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.40 1.32 0.00	30.67 1.18 0.00	33.59 1.42 0.00	43.27 2.18 0.00	51.71 2.65 0.00	47.05 2.75 0.00	39.54 2.24 0.00	38.52 2.21 0.00	38.24 2.23 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.40 3.34 0.00	54.17 3.40 0.00	65.46 4.00 0.00	66.24 4.16 0.00	45.45 2.61 0.00	42.22 2.39 0.00	37.00 1.93 0.00

RAVENSWOOD_GT_9 24257	32.98 1.66 0.00	32.42 1.46 0.00	31.06 1.42 0.00	31.40 1.32 0.00	30.67 1.18 0.00	33.59 1.42 0.00	43.27 2.18 0.00	51.71 2.65 0.00	47.05 2.75 0.00	39.54 2.24 0.00	38.52 2.21 0.00	38.24 2.23 0.00	37.75 2.27 0.00	38.62 2.36 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.40 3.34 0.00	54.17 3.40 0.00	65.46 4.00 0.00	66.24 4.16 0.00	45.45 2.61 0.00	42.22 2.39 0.00	37.00 1.93 0.00
RAVENSWOOD___1 23533	33.07 1.75 0.00	32.45 1.49 0.00	31.18 1.54 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.56 1.38 0.00	43.31 2.22 0.00	51.76 2.70 0.00	47.01 2.70 0.00	39.58 2.28 0.00	38.55 2.25 0.00	38.28 2.27 0.00	37.78 2.30 0.00	38.66 2.39 0.00	38.56 2.49 0.00	39.87 2.54 0.00	43.58 2.93 0.00	50.49 3.43 0.00	54.02 3.25 0.00	65.52 4.06 0.00	66.12 4.03 0.00	45.50 2.66 0.00	42.30 2.47 0.00	37.07 2.00 0.00
RAVENSWOOD___2 23534	33.07 1.75 0.00	32.45 1.49 0.00	31.18 1.54 0.00	31.49 1.41 0.00	30.76 1.27 0.00	33.56 1.38 0.00	43.27 2.18 0.00	51.76 2.70 0.00	46.97 2.66 0.00	39.54 2.24 0.00	38.52 2.21 0.00	38.24 2.23 0.00	37.78 2.30 0.00	38.66 2.39 0.00	38.56 2.49 0.00	39.83 2.50 0.00	43.58 2.93 0.00	50.49 3.43 0.00	54.02 3.25 0.00	65.46 3.99 0.00	66.12 4.03 0.00	45.45 2.61 0.00	42.26 2.43 0.00	37.07 2.00 0.00
RAVENSWOOD___3 23535	32.98 1.66 0.00	32.42 1.46 0.00	31.09 1.45 0.00	31.43 1.35 0.00	30.70 1.21 0.00	33.56 1.38 0.00	43.27 2.18 0.00	51.71 2.65 0.00	46.97 2.66 0.00	39.54 2.24 0.00	38.52 2.21 0.00	38.24 2.23 0.00	37.78 2.30 0.00	38.66 2.39 0.00	38.52 2.45 0.00	39.83 2.50 0.00	43.54 2.89 0.00	50.40 3.34 0.00	54.02 3.25 0.00	65.46 3.99 0.00	66.12 4.03 0.00	45.50 2.66 0.00	42.26 2.43 0.00	37.04 1.96 0.00
RAVENSWOOD___4 23820	33.07 1.75 0.00	32.45 1.49 0.00	31.15 1.51 0.00	31.49 1.41 0.00	30.76 1.27 0.00	33.53 1.48 0.00	43.27 2.18 0.00	51.76 2.70 0.00	46.97 2.66 0.00	39.54 2.24 0.00	38.52 2.21 0.00	38.24 2.23 0.00	37.78 2.30 0.00	38.66 2.39 0.00	38.56 2.49 0.00	39.83 2.50 0.00	43.58 2.93 0.00	50.45 3.39 0.00	54.02 3.25 0.00	65.46 3.99 0.00	66.12 4.03 0.00	45.45 2.61 0.00	42.26 2.43 0.00	37.04 1.96 0.00
RCPI_TRUST___DRP 24196	33.01 1.69 0.00	32.48 1.52 0.00	31.12 1.48 0.00	31.46 1.38 0.00	30.73 1.24 0.00	33.66 1.48 0.00	43.35 2.26 0.00	51.81 2.75 0.00	47.19 2.88 0.00	39.65 2.35 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.95 2.61 0.00	43.66 3.01 0.00	50.54 3.48 0.00	54.33 3.55 0.00	65.64 4.18 0.00	66.37 4.28 0.00	45.58 2.74 0.00	42.30 2.47 0.00	37.07 2.00 0.00
RED___ROCHESTER 323720	30.85 -0.47 0.00	30.31 -0.65 0.00	28.90 -0.74 0.00	29.29 -0.78 0.00	28.84 -0.65 0.00	31.47 -0.71 0.00	39.90 -1.19 0.00	48.13 -0.93 0.00	43.60 -0.71 0.00	36.33 -0.97 0.00	35.58 -0.73 0.00	35.36 -0.65 0.00	34.77 -0.71 0.00	35.61 -0.65 0.00	35.13 -0.94 0.00	36.28 -1.05 0.01	38.84 -1.79 0.02	44.97 -2.07 0.01	49.24 -1.52 0.01	59.55 -1.91 0.00	60.58 -1.49 0.01	41.51 -1.33 0.00	38.75 -1.07 0.00	34.02 -1.05 0.00
REGAN___SOLAR 323812	33.26 1.94 0.00	32.82 1.86 0.00	31.39 1.75 0.00	31.91 1.83 0.00	31.26 1.77 0.00	34.24 2.06 0.00	43.85 2.75 0.00	51.56 2.50 0.00	45.59 1.29 0.00	38.01 0.71 0.00	36.74 0.44 0.00	36.33 0.32 0.00	35.83 0.35 0.00	36.59 0.33 0.00	36.72 0.65 0.00	38.19 0.86 0.00	41.87 1.22 0.00	49.08 2.02 0.00	53.46 2.69 0.00	65.22 3.75 0.00	66.12 4.03 0.00	45.79 2.95 0.00	42.50 2.67 0.00	37.21 2.14 0.00
RENSSELAER___COGEN 23796	32.26 0.94 0.00	32.02 1.05 0.00	30.68 1.04 0.00	31.10 1.02 0.00	30.44 0.94 0.00	33.11 0.93 0.00	42.20 1.11 0.00	50.24 1.18 0.00	45.24 0.93 0.00	38.16 0.86 0.00	37.10 0.80 0.00	36.80 0.79 0.00	36.29 0.82 0.00	37.06 0.80 0.00	36.97 0.90 0.00	38.27 0.93 0.00	41.79 1.14 0.00	48.09 1.03 0.00	51.69 0.91 0.00	62.51 1.04 0.00	63.14 1.05 0.00	43.87 1.03 0.00	40.79 0.95 0.00	35.84 0.77 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.95 2.63 0.00	33.50 2.54 0.00	32.13 2.49 0.00	32.72 2.65 0.00	31.82 2.33 0.00	34.91 2.73 0.00	44.63 3.53 0.00	52.69 3.63 0.00	46.74 2.44 0.00	39.28 1.98 0.00	38.12 1.82 0.00	37.88 1.87 0.00	37.18 1.70 0.00	37.75 1.49 0.00	37.80 1.73 0.00	39.31 1.98 0.00	42.97 2.32 0.00	50.11 3.06 0.00	54.43 3.66 0.00	66.01 4.55 0.00	67.24 5.15 0.00	46.52 3.68 0.00	43.18 3.35 0.00	37.74 2.67 0.00
REVERE_CPPR_DRP 24186	31.85 0.53 0.00	31.52 0.56 0.00	30.20 0.56 0.00	30.71 0.63 0.00	30.23 0.74 0.00	33.01 0.84 0.00	42.37 1.27 0.00	50.63 1.57 0.00	45.68 1.37 0.00	38.27 0.97 0.00	37.25 0.94 0.00	36.91 0.90 0.00	36.36 0.89 0.00	37.13 0.87 0.00	36.97 0.90 0.00	38.27 0.93 0.00	41.63 0.98 0.00	48.37 1.32 0.00	52.35 1.57 0.00	63.74 2.27 0.00	64.57 2.48 0.00	44.34 1.50 0.00	41.07 1.23 0.00	35.98 0.91 0.00
REYNLDPA_13_KV_LD 356490	31.17 -0.16 0.00	30.96 0.00 0.00	29.67 0.03 0.00	30.14 0.06 0.00	29.58 0.09 0.00	32.37 0.19 0.00	41.42 0.33 0.00	49.55 0.49 0.00	44.80 0.49 0.00	37.82 0.52 0.00	36.77 0.47 0.00	36.40 0.40 0.00	35.90 0.43 0.00	36.70 0.44 0.00	36.43 0.36 0.00	37.78 0.45 0.00	41.22 0.57 0.00	47.67 0.61 0.00	51.58 0.81 0.00	62.21 0.74 0.00	62.14 0.06 0.00	43.22 0.38 0.00	40.11 0.28 0.00	35.35 0.28 0.00
REYNOLDS_115KV_TB3 80639	32.45 1.13 0.00	32.17 1.21 0.00	30.80 1.16 0.00	31.22 1.14 0.00	30.55 1.06 0.00	33.43 1.25 0.00	42.49 1.40 0.00	50.58 1.52 0.00	45.55 1.24 0.00	38.46 1.16 0.00	37.36 1.05 0.00	37.09 1.08 0.00	36.54 1.06 0.00	37.35 1.09 0.00	37.22 1.15 0.00	38.56 1.23 0.00	42.08 1.42 0.00	48.61 1.55 0.00	52.45 1.68 0.00	63.19 1.72 0.00	63.94 1.86 0.00	44.30 1.46 0.00	41.19 1.35 0.00	36.16 1.09 0.00
RIVERBAY___ 323610	33.64 2.32 0.00	32.98 2.01 0.00	31.74 2.10 0.00	32.06 1.99 0.00	31.26 1.77 0.00	34.01 1.83 0.00	43.85 2.75 0.00	52.40 3.34 0.00	47.54 3.23 0.00	39.91 2.61 0.00	38.88 2.58 0.00	38.56 2.56 0.00	38.10 2.63 0.00	38.95 2.68 0.00	38.85 2.78 0.00	40.17 2.84 0.00	43.91 3.25 0.00	50.91 3.86 0.00	54.68 3.91 0.00	66.08 4.61 0.00	66.80 4.72 0.00	45.97 3.13 0.00	42.78 2.95 0.00	37.56 2.49 0.00
RIVERSDE_115KV_TB3 55908	32.35 1.03 0.00	32.11 1.15 0.00	30.74 1.10 0.00	31.19 1.11 0.00	30.52 1.03 0.00	33.37 1.19 0.00	42.33 1.23 0.00	50.44 1.37 0.00	45.41 1.11 0.00	38.31 1.01 0.00	37.25 0.94 0.00	36.98 0.97 0.00	36.43 0.96 0.00	37.21 0.94 0.00	37.11 1.05 0.00	38.41 1.08 0.00	41.96 1.30 0.00	48.37 1.32 0.00	52.24 1.47 0.00	62.94 1.48 0.00	63.70 1.61 0.00	44.12 1.29 0.00	41.03 1.19 0.00	36.05 0.98 0.00

ROARING___BROOK_WT_PWR 323790	30.60 -0.72 0.00	30.31 -0.65 0.00	29.08 -0.56 0.00	29.59 -0.48 0.00	29.08 -0.41 0.00	31.82 -0.35 0.00	40.72 -0.37 0.00	48.72 -0.34 0.00	44.04 -0.26 0.00	37.12 -0.19 0.00	36.16 -0.14 0.00	35.86 -0.14 0.00	35.30 -0.18 0.00	36.08 -0.18 0.00	35.89 -0.18 0.00	37.11 -0.22 0.00	40.41 -0.24 0.00	46.73 -0.33 0.00	50.42 -0.35 0.00	60.91 -0.55 0.00	61.46 -0.62 0.00	42.33 -0.51 0.00	39.31 -0.52 0.00	34.58 -0.49 0.00
ROCHESRG_115KV_T4 355643	30.57 -0.75 0.00	30.04 -0.93 0.00	28.66 -0.98 0.00	29.02 -1.05 0.00	28.61 -0.88 0.00	30.89 -1.29 0.00	39.41 -1.68 0.00	47.44 -1.62 0.00	42.84 -1.46 0.00	35.85 -1.45 0.00	35.07 -1.23 0.00	34.78 -1.22 0.00	34.27 -1.21 0.00	35.07 -1.20 0.00	34.62 -1.44 0.00	35.72 -1.61 0.01	38.27 -2.36 0.02	44.32 -2.73 0.01	47.77 -3.00 0.01	58.76 -2.70 0.00	58.97 -3.10 0.01	40.95 -1.88 0.00	38.27 -1.55 0.00	33.67 -1.40 0.00
ROCHESTER_9_IC 23652	30.76 -0.56 0.00	30.19 -0.77 0.00	28.81 -0.83 0.00	29.20 -0.87 0.00	28.75 -0.74 0.00	31.11 -1.06 0.00	39.74 -1.36 0.00	47.88 -1.18 0.00	43.20 -1.11 0.00	36.14 -1.16 0.00	35.40 -0.91 0.00	35.11 -0.90 0.00	34.59 -0.89 0.00	35.39 -0.87 0.00	34.95 -1.12 0.00	36.05 -1.27 0.01	38.60 -2.03 0.02	44.74 -2.31 0.01	48.22 -2.54 0.01	59.25 -2.21 0.00	59.46 -2.61 0.01	41.29 -1.54 0.00	38.55 -1.27 0.00	33.88 -1.19 0.00
ROCKVIEW_13_KV_LD 356306	33.01 1.69 0.00	32.48 1.52 0.00	31.09 1.45 0.00	31.46 1.38 0.00	30.73 1.24 0.00	33.66 1.48 0.00	43.35 2.26 0.00	51.76 2.70 0.00	47.14 2.84 0.00	39.65 2.35 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.95 2.61 0.00	43.66 3.01 0.00	50.58 3.53 0.00	54.38 3.60 0.00	65.77 4.30 0.00	66.43 4.35 0.00	45.58 2.74 0.00	42.34 2.51 0.00	37.11 2.03 0.00
ROME___115KV_TB2 80656	31.85 0.53 0.00	31.52 0.56 0.00	30.20 0.56 0.00	30.71 0.63 0.00	30.23 0.74 0.00	33.01 0.84 0.00	42.37 1.27 0.00	50.63 1.57 0.00	45.68 1.37 0.00	38.27 0.97 0.00	37.25 0.94 0.00	36.91 0.90 0.00	36.36 0.89 0.00	37.13 0.87 0.00	36.97 0.90 0.00	38.27 0.93 0.00	41.63 0.98 0.00	48.37 1.32 0.00	52.35 1.57 0.00	63.74 2.27 0.00	64.57 2.48 0.00	44.34 1.50 0.00	41.07 1.23 0.00	35.98 0.91 0.00
ROSETON___1 23587	32.61 1.28 0.00	32.11 1.15 0.00	30.77 1.13 0.00	31.13 1.05 0.00	30.44 0.94 0.00	33.30 1.13 0.00	42.82 1.73 0.00	51.03 1.96 0.00	46.25 1.95 0.00	38.98 1.68 0.00	37.97 1.67 0.00	37.66 1.66 0.00	37.18 1.70 0.00	38.04 1.78 0.00	37.91 1.84 0.00	39.23 1.90 0.00	42.85 2.19 0.00	49.59 2.54 0.00	53.21 2.44 0.00	64.54 3.07 0.00	65.12 3.04 0.00	44.90 2.06 0.00	41.70 1.87 0.00	36.61 1.54 0.00
ROSETON___2 23588	32.61 1.28 0.00	32.11 1.15 0.00	30.77 1.13 0.00	31.13 1.05 0.00	30.44 0.94 0.00	33.30 1.13 0.00	42.82 1.73 0.00	51.03 1.96 0.00	46.25 1.95 0.00	38.98 1.68 0.00	37.97 1.67 0.00	37.66 1.66 0.00	37.18 1.70 0.00	38.04 1.78 0.00	37.91 1.84 0.00	39.23 1.90 0.00	42.85 2.19 0.00	49.59 2.54 0.00	53.21 2.44 0.00	64.54 3.07 0.00	65.12 3.04 0.00	44.90 2.06 0.00	41.70 1.87 0.00	36.61 1.54 0.00
ROTTRDAM_115KV_TB3 80664	32.23 0.91 0.00	31.83 0.87 0.00	30.47 0.83 0.00	30.92 0.84 0.00	30.26 0.77 0.00	33.08 0.90 0.00	42.29 1.19 0.00	50.34 1.28 0.00	45.33 1.02 0.00	38.16 0.86 0.00	37.10 0.80 0.00	36.80 0.79 0.00	36.26 0.78 0.00	37.06 0.80 0.00	36.93 0.87 0.00	38.27 0.93 0.00	41.75 1.10 0.00	48.37 1.32 0.00	52.24 1.47 0.00	63.19 1.72 0.00	63.94 1.86 0.00	44.17 1.33 0.00	41.03 1.19 0.00	36.05 0.98 0.00
RUSSELL___1 23602	30.85 -0.47 0.00	30.28 -0.68 0.00	28.90 -0.74 0.00	29.29 -0.78 0.00	28.84 -0.65 0.00	31.24 -0.93 0.00	39.90 -1.19 0.00	48.13 -0.93 0.00	43.42 -0.89 0.00	36.33 -0.97 0.00	35.58 -0.73 0.00	35.29 -0.72 0.00	34.77 -0.71 0.00	35.57 -0.69 0.00	35.09 -0.97 0.00	36.28 -1.05 0.01	38.84 -1.79 0.02	44.97 -2.07 0.01	48.48 -2.28 0.01	59.56 -1.91 0.00	59.84 -2.23 0.01	41.51 -1.33 0.00	38.75 -1.08 0.00	34.02 -1.05 0.00
RUSSELL___2 23532	30.85 -0.47 0.00	30.28 -0.68 0.00	28.90 -0.74 0.00	29.29 -0.78 0.00	28.84 -0.65 0.00	31.24 -0.93 0.00	39.90 -1.19 0.00	48.13 -0.93 0.00	43.42 -0.89 0.00	36.33 -0.97 0.00	35.58 -0.73 0.00	35.29 -0.72 0.00	34.77 -0.71 0.00	35.57 -0.69 0.00	35.09 -0.97 0.00	36.28 -1.05 0.01	38.84 -1.79 0.02	44.97 -2.07 0.01	48.48 -2.28 0.01	59.56 -1.91 0.00	59.84 -2.23 0.01	41.51 -1.33 0.00	38.75 -1.08 0.00	34.02 -1.05 0.00
RUSSELL___3 23549	30.85 -0.47 0.00	30.28 -0.68 0.00	28.90 -0.74 0.00	29.29 -0.78 0.00	28.84 -0.65 0.00	31.24 -0.93 0.00	39.90 -1.19 0.00	48.13 -0.93 0.00	43.42 -0.89 0.00	36.33 -0.97 0.00	35.58 -0.73 0.00	35.29 -0.72 0.00	34.77 -0.71 0.00	35.57 -0.69 0.00	35.09 -0.97 0.00	36.28 -1.05 0.01	38.84 -1.79 0.02	44.97 -2.07 0.01	48.48 -2.28 0.01	59.56 -1.91 0.00	59.84 -2.23 0.01	41.51 -1.33 0.00	38.75 -1.08 0.00	34.02 -1.05 0.00
RUSSELL___4 23556	30.85 -0.47 0.00	30.28 -0.68 0.00	28.90 -0.74 0.00	29.29 -0.78 0.00	28.84 -0.65 0.00	31.24 -0.93 0.00	39.90 -1.19 0.00	48.13 -0.93 0.00	43.42 -0.89 0.00	36.33 -0.97 0.00	35.58 -0.73 0.00	35.29 -0.72 0.00	34.77 -0.71 0.00	35.57 -0.69 0.00	35.09 -0.97 0.00	36.28 -1.05 0.01	38.84 -1.79 0.02	44.97 -2.07 0.01	48.48 -2.28 0.01	59.56 -1.91 0.00	59.84 -2.23 0.01	41.51 -1.33 0.00	38.75 -1.08 0.00	34.02 -1.05 0.00
RUSSELL___STATION 23914	30.85 -0.47 0.00	30.28 -0.68 0.00	28.90 -0.74 0.00	29.29 -0.78 0.00	28.84 -0.65 0.00	31.24 -0.93 0.00	39.90 -1.19 0.00	48.13 -0.93 0.00	43.42 -0.89 0.00	36.33 -0.97 0.00	35.58 -0.73 0.00	35.29 -0.72 0.00	34.77 -0.71 0.00	35.57 -0.69 0.00	35.09 -0.97 0.00	36.28 -1.05 0.01	38.84 -1.79 0.02	44.97 -2.07 0.01	48.48 -2.28 0.01	59.56 -1.91 0.00	59.84 -2.23 0.01	41.51 -1.33 0.00	38.75 -1.08 0.00	34.02 -1.05 0.00
S SALMON___HYD 24043	30.91 -0.41 0.00	30.69 -0.28 0.00	29.40 -0.24 0.00	29.96 -0.12 0.00	29.52 0.03 0.00	32.18 0.00 0.00	41.22 0.12 0.00	49.31 0.25 0.00	44.26 -0.04 0.00	36.93 -0.37 0.00	36.01 -0.29 0.00	35.79 -0.21 0.00	35.23 -0.25 0.00	36.01 -0.25 0.00	35.85 -0.22 0.00	37.03 -0.30 0.00	40.09 -0.57 0.00	46.73 -0.33 0.00	50.87 0.10 0.00	62.26 0.80 0.00	63.51 1.43 0.00	43.61 0.77 0.00	40.27 0.44 0.00	35.25 0.18 0.00
S.PERRY__115KV_TB1 80734	31.23 -0.09 0.00	30.62 -0.34 0.00	29.19 -0.44 0.00	29.59 -0.48 0.00	29.26 -0.24 0.00	31.60 -0.58 0.00	40.56 -0.53 0.00	48.82 -0.25 0.00	43.82 -0.49 0.00	36.33 -0.97 0.00	35.43 -0.87 0.00	34.96 -1.04 0.00	34.30 -1.17 0.00	35.14 -1.12 0.00	34.62 -1.44 0.01	35.82 -1.49 0.02	38.74 -1.87 0.05	45.20 -1.84 0.02	49.12 -1.62 0.02	60.23 -1.23 0.01	60.94 -1.12 0.02	41.97 -0.86 0.01	39.07 -0.76 0.01	34.20 -0.88 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.82 -1.50 0.00	29.08 -1.89 0.00	27.71 -1.93 0.00	27.97 -2.11 0.00	27.78 -1.71 0.00	29.34 -2.83 0.00	37.23 -3.86 0.00	44.94 -4.12 0.00	40.67 -3.63 0.00	33.72 -3.58 0.00	33.29 -3.01 0.00	32.95 -3.06 0.00	32.50 -2.98 0.00	33.22 -3.05 0.00	32.63 -3.43 0.01	33.54 -3.77 0.02	35.90 -4.72 0.04	41.53 -5.51 0.02	44.81 -5.94 0.02	55.19 -6.27 0.01	55.36 -6.70 0.02	38.55 -4.28 0.01	36.20 -3.62 0.01	31.92 -3.16 0.00
SAWYER__23_KV_LOAD 55526	29.82 -1.50 0.00	29.08 -1.89 0.00	27.71 -1.93 0.00	27.97 -2.11 0.00	27.78 -1.71 0.00	29.34 -2.83 0.00	37.23 -3.86 0.00	44.94 -4.12 0.00	40.67 -3.63 0.00	33.72 -3.58 0.00	33.29 -3.01 0.00	32.95 -3.06 0.00	32.50 -2.98 0.00	33.22 -3.05 0.00	32.63 -3.43 0.01	33.54 -3.77 0.02	35.90 -4.72 0.04	41.53 -5.51 0.02	44.81 -5.94 0.02	55.19 -6.27 0.01	55.36 -6.70 0.02	38.55 -4.28 0.01	36.20 -3.62 0.01	31.92 -3.16 0.00
SELKIRK__I 23801	32.35 1.03 0.00	32.05 1.08 0.00	30.68 1.04 0.00	31.13 1.05 0.00	30.46 0.97 0.00	33.17 1.00 0.00	42.37 1.28 0.00	50.39 1.33 0.00	45.28 0.97 0.00	38.19 0.89 0.00	37.10 0.80 0.00	36.80 0.79 0.00	36.29 0.82 0.00	37.06 0.80 0.00	36.97 0.90 0.00	38.30 0.97 0.00	41.83 1.18 0.00	48.33 1.27 0.00	51.99 1.22 0.00	62.94 1.47 0.00	63.63 1.55 0.00	44.12 1.28 0.00	41.07 1.24 0.00	36.09 1.02 0.00
SELKIRK__II 23799	32.20 0.88 0.00	31.89 0.93 0.00	30.53 0.89 0.00	30.98 0.90 0.00	30.32 0.82 0.00	33.01 0.84 0.00	42.16 1.07 0.00	50.19 1.13 0.00	45.24 0.93 0.00	38.16 0.86 0.00	37.10 0.80 0.00	36.80 0.79 0.00	36.29 0.82 0.00	37.06 0.80 0.00	36.97 0.90 0.00	38.27 0.93 0.00	41.75 1.10 0.00	48.18 1.13 0.00	51.79 1.02 0.00	62.69 1.23 0.00	63.32 1.24 0.00	43.91 1.07 0.00	40.83 1.00 0.00	35.88 0.81 0.00
SENECA OSWGO__HYD 24041	30.66 -0.66 0.00	30.28 -0.68 0.00	28.93 -0.71 0.00	29.39 -0.69 0.00	28.81 -0.68 0.00	31.37 -0.80 0.00	39.94 -1.15 0.00	47.74 -1.32 0.00	43.11 -1.19 0.00	36.26 -1.04 0.00	35.32 -0.98 0.00	35.04 -0.97 0.00	34.48 -0.99 0.00	35.29 -0.98 0.00	35.02 -1.05 0.00	36.25 -1.08 0.00	39.39 -1.26 0.00	45.60 -1.46 0.00	49.30 -1.47 0.00	59.74 -1.72 0.00	60.47 -1.61 0.00	41.64 -1.20 0.00	38.76 -1.07 0.00	34.20 -0.88 0.00
SENECA__115KV_TB3 355854	29.98 -1.35 0.00	29.23 -1.73 0.00	27.86 -1.78 0.00	28.15 -1.93 0.00	27.96 -1.53 0.00	30.02 -2.16 0.00	37.60 -3.49 0.00	45.33 -3.73 0.00	41.38 -2.93 0.00	34.02 -3.28 0.00	33.62 -2.69 0.00	33.34 -2.66 0.00	32.74 -2.73 0.00	33.54 -2.72 0.00	32.92 -3.14 0.01	33.88 -3.43 0.02	36.67 -4.56 0.04	42.47 -4.56 0.02	45.93 -4.82 0.02	55.68 -5.78 0.01	56.72 -5.34 0.02	38.93 -3.90 0.01	36.44 -3.39 0.01	32.09 -2.98 0.00
SENECA__ENERGY 23797	31.01 -0.31 0.00	30.56 -0.40 0.00	29.14 -0.50 0.00	29.56 -0.51 0.00	29.08 -0.41 0.00	31.69 -0.48 0.00	40.39 -0.70 0.00	48.42 -0.64 0.00	43.78 -0.53 0.00	36.59 -0.71 0.00	35.69 -0.62 0.00	35.40 -0.61 0.00	34.73 -0.75 0.00	35.57 -0.69 0.00	35.24 -0.83 0.00	36.47 -0.86 0.01	39.58 -1.06 0.02	45.92 -1.13 0.01	49.75 -1.02 0.01	60.23 -1.23 0.00	61.02 -1.06 0.01	42.02 -0.82 0.00	39.07 -0.76 0.00	34.37 -0.70 0.00
SHOEMAKER__GT 23640	32.51 1.19 0.00	32.02 1.05 0.00	30.68 1.04 0.00	31.04 0.96 0.00	30.35 0.86 0.00	33.20 1.03 0.00	42.69 1.60 0.00	50.78 1.72 0.00	46.03 1.73 0.00	38.79 1.49 0.00	37.76 1.45 0.00	37.45 1.44 0.00	36.97 1.49 0.00	37.82 1.56 0.00	37.69 1.62 0.00	38.98 1.64 0.00	42.57 1.91 -0.01	49.32 2.26 0.00	52.91 2.13 0.00	64.23 2.77 0.00	64.81 2.73 0.00	44.72 1.88 0.00	41.54 1.71 0.00	36.48 1.40 0.00
SHOEMAKR_138KV_BK 111 55601	32.51 1.19 0.00	32.05 1.08 0.00	30.68 1.04 0.00	31.04 0.96 0.00	30.35 0.86 0.00	33.24 1.06 0.00	42.70 1.60 0.00	50.83 1.77 0.00	46.12 1.82 0.00	38.79 1.49 0.00	37.76 1.45 0.00	37.48 1.48 0.00	37.00 1.53 0.00	37.86 1.60 0.00	37.73 1.66 0.00	39.01 1.68 0.00	42.61 1.95 -0.01	49.32 2.26 0.00	53.11 2.34 0.00	64.23 2.77 0.00	64.94 2.86 0.00	44.73 1.88 0.00	41.55 1.71 0.00	36.48 1.40 0.00
SHOREHAM_IC_1 23715	47.35 2.38 -13.65	38.05 2.17 -4.92	31.68 2.04 0.00	32.00 1.93 0.00	31.35 1.86 0.00	38.27 2.09 -4.00	48.16 3.12 -3.95	52.10 3.04 0.00	46.97 2.66 0.00	39.61 2.31 0.00	40.03 2.36 -1.37	41.47 2.34 -3.13	39.11 2.38 -1.26	41.51 2.50 -2.74	45.43 2.60 -6.76	46.23 2.72 -6.17	48.09 3.62 -3.82	60.25 4.52 -8.68	71.89 3.91 -17.20	88.50 4.80 -22.24	81.08 4.85 -14.15	52.41 3.51 -6.05	48.13 3.46 -4.84	46.52 2.81 -8.64
SHOREHAM_IC_2 23716	47.35 2.38 -13.65	38.05 2.17 -4.92	31.68 2.04 0.00	32.00 1.93 0.00	31.35 1.86 0.00	38.27 2.09 -4.00	48.16 3.12 -3.95	52.10 3.04 0.00	46.97 2.66 0.00	39.61 2.31 0.00	40.03 2.36 -1.37	41.47 2.34 -3.13	39.11 2.38 -1.26	41.51 2.50 -2.74	45.43 2.60 -6.76	46.23 2.72 -6.17	48.09 3.62 -3.82	60.25 4.52 -8.68	71.89 3.91 -17.20	88.50 4.80 -22.24	81.08 4.85 -14.15	52.41 3.51 -6.05	48.13 3.46 -4.84	46.52 2.81 -8.64
SISSONVILLE__ 23735	29.88 -1.44 0.00	29.73 -1.24 0.00	28.51 -1.13 0.00	28.99 -1.08 0.00	28.49 -1.00 0.00	31.21 -0.97 0.00	40.15 -0.95 0.00	48.08 -0.98 0.00	43.33 -0.97 0.00	36.44 -0.86 0.00	35.36 -0.94 0.00	34.96 -1.04 0.00	34.55 -0.92 0.00	35.32 -0.94 0.00	35.10 -0.97 0.00	36.32 -1.01 0.00	39.68 -0.98 0.00	46.02 -1.04 0.00	49.81 -0.96 0.00	60.48 -0.98 0.00	61.15 -0.93 0.00	41.94 -0.90 0.00	38.84 -1.00 0.00	34.13 -0.95 0.00
SITHE_IND_GS1 24169	30.48 -0.84 0.00	30.13 -0.83 0.00	28.78 -0.86 0.00	29.20 -0.87 0.00	28.67 -0.83 0.00	31.18 -1.00 0.00	39.62 -1.48 0.00	47.30 -1.76 0.00	42.75 -1.55 0.00	35.96 -1.34 0.00	35.00 -1.31 0.00	34.75 -1.26 0.00	34.20 -1.28 0.00	34.99 -1.27 0.00	34.77 -1.30 0.00	35.95 -1.38 0.00	39.07 -1.59 0.00	45.22 -1.84 0.00	48.89 -1.88 0.00	59.19 -2.27 0.00	59.85 -2.23 0.00	41.26 -1.58 0.00	38.44 -1.40 0.00	33.95 -1.12 0.00
SITHE_IND_GS2 24170	30.48 -0.84 0.00	30.13 -0.83 0.00	28.78 -0.86 0.00	29.20 -0.87 0.00	28.67 -0.83 0.00	31.18 -1.00 0.00	39.62 -1.48 0.00	47.30 -1.76 0.00	42.75 -1.55 0.00	35.96 -1.34 0.00	35.00 -1.31 0.00	34.75 -1.26 0.00	34.20 -1.28 0.00	34.99 -1.27 0.00	34.77 -1.30 0.00	35.95 -1.38 0.00	39.07 -1.59 0.00	45.22 -1.84 0.00	48.89 -1.88 0.00	59.19 -2.27 0.00	59.85 -2.23 0.00	41.26 -1.58 0.00	38.44 -1.40 0.00	33.95 -1.12 0.00
SITHE_IND_GS3 24171	30.48 -0.84 0.00	30.13 -0.83 0.00	28.78 -0.86 0.00	29.20 -0.87 0.00	28.67 -0.83 0.00	31.18 -1.00 0.00	39.62 -1.48 0.00	47.30 -1.76 0.00	42.75 -1.55 0.00	35.96 -1.34 0.00	35.00 -1.31 0.00	34.75 -1.26 0.00	34.20 -1.28 0.00	34.99 -1.27 0.00	34.77 -1.30 0.00	35.95 -1.38 0.00	39.07 -1.59 0.00	45.22 -1.84 0.00	48.89 -1.88 0.00	59.19 -2.27 0.00	59.85 -2.23 0.00	41.26 -1.58 0.00	38.44 -1.40 0.00	33.95 -1.12 0.00

SITHE_IND_GS4 24172	30.48 -0.84 0.00	30.13 -0.83 0.00	28.78 -0.86 0.00	29.20 -0.87 0.00	28.67 -0.83 0.00	31.18 -1.00 0.00	39.62 -1.48 0.00	47.30 -1.76 0.00	42.75 -1.55 0.00	35.96 -1.34 0.00	35.00 -1.31 0.00	34.75 -1.26 0.00	34.20 -1.28 0.00	34.99 -1.27 0.00	34.77 -1.30 0.00	35.95 -1.38 0.00	39.07 -1.59 0.00	45.22 -1.84 0.00	48.89 -1.88 0.00	59.19 -2.27 0.00	59.85 -2.23 0.00	41.26 -1.58 0.00	38.44 -1.40 0.00	33.95 -1.12 0.00
SITHE__BATAVIA 24024	30.54 -0.78 0.00	29.88 -1.08 0.00	28.48 -1.16 0.00	28.81 -1.26 0.00	28.52 -0.97 0.00	30.76 -1.41 0.00	38.75 -2.34 0.00	46.81 -2.26 0.00	42.49 -1.82 0.00	34.99 -2.31 0.00	34.38 -1.93 0.00	34.13 -1.87 0.00	33.52 -1.95 0.00	34.38 -1.89 0.00	33.72 -2.34 0.01	34.74 -2.58 0.02	37.13 -3.50 0.03	43.09 -3.95 0.02	47.40 -3.35 0.02	57.46 -3.99 0.01	58.65 -3.41 0.02	40.14 -2.70 0.01	37.60 -2.23 0.01	33.00 -2.07 0.00
SITHE__INDEPEND 23800	30.48 -0.85 0.00	30.10 -0.87 0.00	28.78 -0.86 0.00	29.20 -0.87 0.00	28.67 -0.83 0.00	31.15 -1.03 0.00	39.61 -1.48 0.00	47.30 -1.77 0.00	42.71 -1.60 0.00	35.96 -1.34 0.00	35.00 -1.31 0.00	34.75 -1.26 0.00	34.20 -1.28 0.00	34.96 -1.31 0.00	34.77 -1.30 0.00	35.95 -1.38 0.00	39.07 -1.59 0.00	45.22 -1.84 0.00	48.79 -1.98 0.00	59.19 -2.27 0.00	59.72 -2.36 0.00	41.25 -1.59 0.00	38.44 -1.39 0.00	33.95 -1.12 0.00
SITHE__MASSENA 23902	30.91 -0.41 0.00	30.66 -0.31 0.00	29.40 -0.24 0.00	29.87 -0.21 0.00	29.32 -0.18 0.00	32.08 -0.10 0.00	41.09 0.00 0.00	49.21 0.15 0.00	44.44 0.13 0.00	37.41 0.11 0.00	36.38 0.07 0.00	36.01 0.00 0.00	35.51 0.04 0.00	36.26 0.00 0.00	36.03 -0.04 0.00	37.37 0.04 0.00	40.78 0.12 0.00	47.20 0.14 0.00	51.13 0.36 0.00	61.77 0.31 0.00	62.27 0.19 0.00	42.88 0.04 0.00	39.79 -0.04 0.00	35.00 -0.07 0.00
SITHE__OGDNSBRG 24021	30.82 -0.50 0.00	30.62 -0.34 0.00	29.34 -0.30 0.00	29.84 -0.24 0.00	29.34 -0.15 0.00	32.11 -0.06 0.00	41.30 0.21 0.00	49.31 0.25 0.00	44.31 0.00 0.00	37.15 -0.15 0.00	36.01 -0.29 0.00	35.61 -0.40 0.00	35.12 -0.35 0.00	35.86 -0.40 0.00	35.67 -0.40 0.00	37.03 -0.30 0.00	40.57 -0.08 0.00	47.10 0.05 0.00	51.08 0.30 0.00	62.14 0.68 0.00	62.83 0.74 0.00	43.05 0.21 0.00	39.91 0.08 0.00	35.04 -0.04 0.00
SITHE__STERLING 23777	31.79 0.47 0.00	31.43 0.47 0.00	30.08 0.45 0.00	30.56 0.48 0.00	30.05 0.56 0.00	32.82 0.64 0.00	42.00 0.90 0.00	50.19 1.13 0.00	45.28 0.97 0.00	37.97 0.67 0.00	36.96 0.65 0.00	36.62 0.61 0.00	36.04 0.57 0.00	36.88 0.62 0.00	36.64 0.58 0.00	37.97 0.63 0.00	41.30 0.65 0.00	47.95 0.89 0.00	51.89 1.12 0.00	63.00 1.54 0.00	63.82 1.74 0.00	43.87 1.03 0.00	40.67 0.84 0.00	35.70 0.63 0.00
SLEIGHT__34_KV_TB1 80719	30.66 -0.66 0.00	30.19 -0.77 0.00	28.81 -0.83 0.00	29.20 -0.87 0.00	28.72 -0.77 0.00	31.18 -1.00 0.00	39.86 -1.23 0.00	47.93 -1.13 0.00	43.24 -1.06 0.00	36.26 -1.04 0.00	35.40 -0.91 0.00	35.14 -0.86 0.00	34.55 -0.92 0.00	35.39 -0.87 0.00	35.02 -1.05 0.00	36.20 -1.12 0.01	38.97 -1.67 0.02	45.16 -1.88 0.01	48.68 -2.08 0.01	59.56 -1.91 0.00	59.96 -2.11 0.01	41.47 -1.37 0.00	38.67 -1.16 0.00	33.99 -1.09 0.00
SMITHTWN_69_KV_BK 1 55830	47.57 2.60 -13.65	38.27 2.38 -4.92	31.86 2.22 0.00	32.18 2.11 0.00	31.56 2.06 0.00	38.49 2.32 -4.00	48.45 3.41 -3.95	52.45 3.39 0.00	47.85 3.54 0.00	39.99 2.69 0.00	40.58 2.90 -1.37	42.05 2.92 -3.13	39.68 2.94 -1.26	42.05 3.05 -2.74	45.97 3.14 -6.76	46.82 3.32 -6.17	48.51 4.02 -3.83	60.61 4.85 -8.71	72.91 4.87 -17.26	89.56 5.78 -22.31	82.24 5.96 -14.19	52.90 3.98 -6.07	48.41 3.74 -4.84	46.76 3.05 -8.64
SOUTH CAIRO__GT 23612	32.92 1.60 0.00	32.67 1.70 0.00	31.24 1.60 0.00	31.73 1.65 0.00	31.00 1.50 0.00	34.01 1.83 0.00	43.35 2.26 0.00	51.07 2.01 0.00	45.77 1.46 0.00	38.49 1.19 0.00	37.25 0.94 0.00	36.91 0.90 0.00	36.36 0.89 0.00	37.17 0.91 0.00	37.01 0.94 0.00	38.49 1.16 0.00	42.04 1.38 0.00	48.66 1.60 0.00	52.55 1.78 0.00	63.62 2.15 0.00	64.44 2.36 0.00	44.85 2.01 0.00	41.70 1.87 0.00	36.41 1.33 0.00
SOUTH HAMPTN__IC 23720	47.35 2.38 -13.65	38.09 2.20 -4.92	31.71 2.07 0.00	32.00 1.93 0.00	31.32 1.83 0.00	38.24 2.06 -4.00	48.12 3.08 -3.95	52.25 3.19 0.00	47.10 2.79 0.00	39.76 2.46 0.00	40.32 2.65 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.91 2.90 -2.74	45.79 2.96 -6.76	46.56 3.06 -6.17	48.41 3.94 -3.82	60.57 4.85 -8.66	72.42 4.47 -17.18	89.14 5.47 -22.21	81.67 5.46 -14.13	52.65 3.77 -6.04	48.29 3.62 -4.84	46.62 2.91 -8.64
SOUTHDOWN_115KV_TB1 355954	30.63 -0.69 0.00	29.94 -1.02 0.00	28.57 -1.07 0.00	28.84 -1.23 0.00	28.67 -0.83 0.00	30.53 -1.64 0.00	39.08 -2.01 0.00	47.00 -2.06 0.00	42.62 -1.68 0.00	35.29 -2.01 0.00	34.81 -1.49 0.00	34.39 -1.62 0.00	33.84 -1.63 0.00	34.49 -1.78 0.00	33.82 -2.24 0.01	34.99 -2.31 0.02	38.13 -2.48 0.04	44.11 -2.92 0.02	47.65 -3.10 0.02	57.15 -4.30 0.01	58.33 -3.72 0.02	39.96 -2.87 0.01	37.27 -2.55 0.01	32.79 -2.28 0.00
SOUTHOLD_69_KV_BK 2 55809	47.26 2.29 -13.65	37.99 2.11 -4.92	31.63 1.99 0.00	31.88 1.80 0.00	31.17 1.68 0.00	38.08 1.90 -4.00	47.96 2.92 -3.95	52.15 3.09 0.00	47.59 3.28 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.87 2.74 -3.13	39.61 2.87 -1.26	42.02 3.01 -2.74	45.93 3.10 -6.76	46.67 3.17 -6.17	48.54 4.07 -3.82	60.66 4.94 -8.67	72.78 4.82 -17.18	89.39 5.72 -22.21	81.92 5.71 -14.13	52.70 3.81 -6.04	48.25 3.58 -4.84	46.55 2.84 -8.64
SOUTHOLD__IC 23719	47.26 2.29 -13.65	37.99 2.11 -4.92	31.63 1.99 0.00	31.88 1.80 0.00	31.17 1.68 0.00	38.04 1.87 -4.00	47.96 2.92 -3.95	52.15 3.09 0.00	47.01 2.70 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.87 2.74 -3.13	39.61 2.87 -1.26	42.02 3.01 -2.74	45.93 3.10 -6.76	46.67 3.17 -6.17	48.54 4.07 -3.82	60.66 4.94 -8.67	72.57 4.62 -17.18	89.39 5.72 -22.21	81.80 5.59 -14.13	52.70 3.81 -6.04	48.25 3.59 -4.84	46.55 2.84 -8.64
SOUTH_FORK_WT_PWR 323839	46.98 2.01 -13.65	37.71 1.83 -4.92	31.36 1.72 0.00	31.58 1.50 0.00	30.88 1.39 0.00	37.72 1.54 -4.00	47.55 2.51 -3.95	51.76 2.70 0.00	46.70 2.39 0.00	39.54 2.24 0.00	40.14 2.47 -1.37	41.73 2.59 -3.13	39.51 2.77 -1.26	41.94 2.94 -2.74	45.82 2.99 -6.76	46.52 3.02 -6.17	48.33 3.86 -3.82	60.43 4.71 -8.66	72.32 4.37 -17.18	89.08 5.41 -22.21	81.43 5.22 -14.13	52.40 3.51 -6.04	47.94 3.27 -4.84	46.31 2.60 -8.64
SPIERFLS_115KV_TB 1 80737	32.92 1.60 0.00	32.51 1.55 0.00	31.18 1.54 0.00	31.70 1.62 0.00	30.79 1.30 0.00	33.72 1.54 1.97	43.07 1.97 0.00	51.07 2.01 0.00	45.68 1.37 0.00	38.46 1.16 0.00	37.36 1.05 0.00	37.09 1.08 0.00	36.50 1.03 0.00	37.17 0.91 0.00	37.15 1.08 0.00	38.56 1.23 0.00	42.12 1.46 0.00	48.94 1.88 0.00	52.95 2.18 0.00	64.11 2.64 0.00	65.00 2.92 0.00	44.94 2.10 0.00	41.74 1.91 0.00	36.58 1.51 0.00

ST LAWRENCE____ 23600	30.91 -0.41 0.00	30.66 -0.31 0.00	29.37 -0.27 0.00	29.83 -0.24 0.00	29.29 -0.21 0.00	32.02 -0.16 0.00	40.97 -0.12 0.00	49.01 -0.05 0.00	44.26 -0.04 0.00	37.30 0.00 0.00	36.27 -0.04 0.00	35.94 -0.07 0.00	35.40 -0.07 0.00	36.19 -0.07 0.00	35.96 -0.11 0.00	37.26 -0.07 0.00	40.61 -0.04 0.00	47.01 -0.05 0.00	50.82 0.05 0.00	61.47 0.00 0.00	61.96 -0.12 0.00	42.71 -0.13 0.00	39.67 -0.16 0.00	34.90 -0.17 0.00
STATE_CA_115KV_115_LB 55624	32.32 1.00 0.00	32.14 1.18 0.00	30.77 1.13 0.00	31.19 1.11 0.00	30.52 1.03 0.00	33.43 1.25 0.00	42.24 1.15 0.00	50.29 1.23 0.00	45.28 0.97 0.00	38.20 0.90 0.00	37.14 0.83 0.00	36.91 0.90 0.00	36.36 0.89 0.00	37.10 0.83 0.00	37.01 0.94 0.00	38.34 1.01 0.00	41.83 1.18 0.00	48.23 1.18 0.00	52.09 1.32 0.00	62.76 1.29 0.00	63.51 1.43 0.00	44.04 1.20 0.00	40.95 1.12 0.00	35.95 0.88 0.00
STATE_ST_34_KV_LOAD 55959	31.23 -0.09 0.00	30.81 -0.15 0.00	29.40 -0.24 0.00	29.84 -0.24 0.00	29.29 -0.21 0.00	31.89 -0.29 0.00	40.76 -0.33 0.00	48.77 -0.29 0.00	44.04 -0.27 0.00	36.97 -0.34 0.00	35.98 -0.33 0.00	35.65 -0.36 0.00	35.05 -0.43 0.00	35.86 -0.40 0.00	35.63 -0.43 0.01	36.88 -0.45 0.01	40.11 -0.53 0.01	46.49 -0.56 0.01	50.26 -0.51 0.01	60.97 -0.49 0.00	61.64 -0.43 0.01	42.49 -0.34 0.00	39.55 -0.28 0.00	34.79 -0.28 0.00
STATION_5_MISC_HYD 23604	30.76 -0.56 0.00	30.19 -0.77 0.00	28.81 -0.83 0.00	29.20 -0.87 0.00	28.76 -0.74 0.00	31.34 -0.84 0.00	39.74 -1.36 0.00	47.88 -1.18 0.00	43.37 -0.93 0.00	36.14 -1.16 0.00	35.40 -0.91 0.00	35.18 -0.83 0.00	34.59 -0.89 0.00	35.43 -0.83 0.00	34.95 -1.12 0.00	36.09 -1.23 0.01	38.64 -1.99 0.02	44.74 -2.30 0.01	48.98 -1.78 0.01	59.25 -2.21 0.00	60.27 -1.80 0.01	41.30 -1.54 0.00	38.59 -1.24 0.00	33.92 -1.16 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.85 -0.47 0.00	30.35 -0.62 0.00	28.96 -0.68 0.00	29.35 -0.72 0.00	28.90 -0.59 0.00	31.34 -0.84 0.00	40.11 -0.99 0.00	48.23 -0.83 0.00	43.51 -0.80 0.00	36.44 -0.86 0.00	35.58 -0.73 0.00	35.29 -0.72 0.00	34.73 -0.74 0.00	35.54 -0.73 0.00	35.13 -0.94 0.00	36.35 -0.97 0.01	39.17 -1.46 0.02	45.35 -1.69 0.01	48.93 -1.83 0.01	59.80 -1.66 0.00	60.21 -1.86 0.01	41.68 -1.16 0.00	38.83 -1.00 0.00	34.13 -0.95 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.57 -0.75 0.00	30.00 -0.96 0.00	28.66 -0.98 0.00	29.02 -1.05 0.00	28.58 -0.91 0.00	30.95 -1.22 0.00	39.53 -1.56 0.00	47.59 -1.47 0.00	42.93 -1.37 0.00	35.96 -1.34 0.00	35.21 -1.09 0.00	34.93 -1.08 0.00	34.38 -1.10 0.00	35.21 -1.05 0.00	34.77 -1.30 0.00	35.86 -1.46 0.01	38.48 -2.15 0.02	44.55 -2.49 0.01	48.02 -2.74 0.01	58.94 -2.52 0.00	59.22 -2.86 0.01	41.08 -1.76 0.00	38.35 -1.47 0.00	33.70 -1.37 0.00
STA_56____34_KV_BUS2 355983	30.57 -0.75 0.00	30.00 -0.96 0.00	28.66 -0.98 0.00	29.02 -1.05 0.00	28.58 -0.91 0.00	30.95 -1.22 0.00	39.53 -1.56 0.00	47.59 -1.47 0.00	42.93 -1.37 0.00	35.96 -1.34 0.00	35.21 -1.09 0.00	34.93 -1.08 0.00	34.38 -1.10 0.00	35.21 -1.05 0.00	34.77 -1.30 0.00	35.86 -1.46 0.01	38.48 -2.15 0.02	44.55 -2.49 0.01	48.02 -2.74 0.01	58.94 -2.52 0.00	59.22 -2.86 0.01	41.08 -1.76 0.00	38.35 -1.47 0.00	33.70 -1.37 0.00
STA_67____115KV_BK2 355882	30.73 -0.60 0.00	30.16 -0.81 0.00	28.78 -0.86 0.00	29.14 -0.93 0.00	28.72 -0.77 0.00	31.05 -1.13 0.00	39.66 -1.44 0.00	47.79 -1.28 0.00	43.11 -1.20 0.00	36.07 -1.23 0.00	35.32 -0.98 0.00	35.04 -0.97 0.00	34.48 -0.99 0.00	35.32 -0.94 0.00	34.84 -1.23 0.00	35.98 -1.34 0.01	38.52 -2.11 0.02	44.60 -2.45 0.01	48.12 -2.64 0.01	59.13 -2.34 0.00	59.34 -2.73 0.01	41.21 -1.63 0.00	38.51 -1.31 0.00	33.84 -1.23 0.00
STA_7____115KV_9TRANS 80674	30.85 -0.47 0.00	30.28 -0.68 0.00	28.90 -0.74 0.00	29.29 -0.78 0.00	28.84 -0.65 0.00	31.24 -0.93 0.00	39.90 -1.19 0.00	48.13 -0.93 0.00	43.42 -0.89 0.00	36.33 -0.97 0.00	35.58 -0.73 0.00	35.29 -0.72 0.00	34.77 -0.71 0.00	35.57 -0.69 0.00	35.09 -0.97 0.00	36.28 -1.05 0.01	38.84 -1.79 0.02	44.97 -2.07 0.01	48.48 -2.28 0.01	59.56 -1.91 0.00	59.84 -2.23 0.01	41.51 -1.33 0.00	38.75 -1.08 0.00	34.02 -1.05 0.00
STA_82____115KV_TB1 80780	30.69 -0.63 0.00	30.13 -0.84 0.00	28.75 -0.89 0.00	29.11 -0.96 0.00	28.70 -0.80 0.00	31.02 -1.16 0.00	39.61 -1.48 0.00	47.69 -1.37 0.00	43.07 -1.24 0.00	36.03 -1.27 0.00	35.25 -1.05 0.00	34.96 -1.04 0.00	34.45 -1.03 0.00	35.25 -1.02 0.00	34.80 -1.26 0.00	35.90 -1.42 0.01	38.48 -2.15 0.02	44.55 -2.49 0.01	48.02 -2.74 0.01	59.06 -2.40 0.00	59.28 -2.79 0.01	41.16 -1.67 0.00	38.43 -1.39 0.00	33.81 -1.26 0.00
STEEL____WIND 323596	29.98 -1.35 0.00	29.23 -1.73 0.00	27.86 -1.78 0.00	28.15 -1.93 0.00	27.93 -1.56 0.00	30.02 -2.16 0.00	37.60 -3.49 0.00	45.33 -3.73 0.00	41.34 -2.97 0.00	33.98 -3.32 0.00	33.58 -2.72 0.00	33.31 -2.70 0.00	32.71 -2.77 0.00	33.51 -2.76 0.00	32.89 -3.17 0.01	33.84 -3.47 0.02	36.63 -3.98 0.04	42.42 -4.61 0.02	45.88 -4.87 0.02	55.62 -5.84 0.01	56.66 -5.40 0.02	38.89 -3.94 0.01	36.40 -3.43 0.01	32.09 -2.98 0.00
STEPHTWN_115KV_BK_2 55603	32.51 1.19 0.00	32.30 1.33 0.00	30.88 1.24 0.00	31.34 1.26 0.00	30.67 1.18 0.00	33.59 1.42 0.00	42.57 1.48 0.00	50.68 1.62 0.00	45.55 1.24 0.00	38.42 1.12 0.00	37.32 1.02 0.00	37.09 1.08 0.00	36.50 1.03 0.00	37.28 1.02 0.00	37.19 1.12 0.00	38.53 1.19 0.00	42.08 1.42 0.00	48.47 1.41 0.00	52.29 1.52 0.00	63.06 1.60 0.00	63.82 1.74 0.00	44.25 1.41 0.00	41.15 1.31 0.00	36.12 1.05 0.00
STEBEN_REC_LFGE 323667	30.48 -0.85 0.00	29.91 -1.05 0.00	28.51 -1.13 0.00	28.96 -1.11 0.00	28.75 -0.74 0.00	30.82 -1.35 0.00	39.61 -1.48 0.00	47.69 -1.37 0.00	43.02 -1.28 0.00	35.66 -1.64 0.00	34.92 -1.38 0.00	34.39 -1.62 0.00	33.67 -1.81 0.00	34.49 -1.78 0.00	33.93 -2.13 0.01	35.06 -2.24 0.03	38.14 -2.44 0.07	44.39 -2.64 0.03	48.25 -2.49 0.03	58.50 -2.95 0.01	59.32 -2.73 0.03	40.68 -2.14 0.01	37.75 -2.07 0.01	33.04 -2.03 0.00
STILLWATER____SOLAR 323814	32.79 1.47 0.00	32.39 1.43 0.00	31.03 1.39 0.00	31.49 1.41 0.00	30.76 1.27 0.00	33.62 1.45 0.00	42.98 1.89 0.00	51.07 2.01 0.00	45.77 1.46 0.00	38.53 1.23 0.00	37.43 1.13 0.00	37.09 1.08 0.00	36.58 1.10 0.00	37.28 1.01 0.00	37.26 1.19 0.00	38.64 1.31 0.00	42.24 1.58 0.00	48.99 1.93 0.00	52.85 2.08 0.00	64.05 2.58 0.00	64.81 2.73 0.00	44.90 2.06 0.00	41.70 1.87 0.00	36.61 1.54 0.00
STONY____BROOK 24151	47.48 2.51 -13.65	38.18 2.29 -4.92	31.80 2.16 0.00	32.12 2.05 0.00	31.47 1.98 0.00	38.40 2.22 -4.00	48.33 3.29 -3.95	52.30 3.24 0.00	47.32 3.01 0.00	39.91 2.61 0.00	40.51 2.83 -1.37	41.95 2.81 -3.13	39.58 2.84 -1.26	41.98 2.97 -2.74	45.89 3.06 -6.76	46.67 3.17 -6.17	48.39 3.90 -3.83	60.46 4.71 -8.70	72.49 4.47 -17.25	89.29 5.53 -22.30	81.85 5.59 -14.18	52.72 3.81 -6.07	48.25 3.59 -4.84	46.66 2.95 -8.64

STURGEON_POOL_HYD 23609	32.73 1.41 0.00	32.23 1.27 0.00	30.82 1.19 0.00	31.22 1.14 0.00	30.49 1.00 0.00	33.43 1.25 0.00	43.07 1.97 0.00	51.17 2.11 0.00	46.43 2.13 0.00	39.05 1.75 0.00	37.97 1.67 0.00	37.70 1.69 0.00	37.21 1.74 0.00	38.08 1.81 0.00	37.91 1.84 0.00	39.27 1.94 0.00	42.89 2.24 0.00	49.69 2.64 0.00	53.46 2.69 0.00	64.72 3.26 0.00	65.37 3.29 0.00	45.11 2.27 0.00	41.90 2.07 0.00	36.69 1.61 0.00
ST_LAW_115_BK7_LBMP 345037	30.88 -0.44 0.00	30.59 -0.37 0.00	29.31 -0.33 0.00	29.78 -0.30 0.00	29.23 -0.27 0.00	31.98 -0.19 0.00	40.93 -0.16 0.00	48.96 -0.10 0.00	44.22 -0.09 0.00	37.26 -0.04 0.00	36.23 -0.07 0.00	35.90 -0.11 0.00	35.37 -0.11 0.00	36.15 -0.11 0.00	35.93 -0.14 0.00	37.22 -0.11 0.00	40.57 -0.08 0.00	46.96 -0.09 0.00	50.77 0.00 0.00	61.40 -0.06 0.00	61.90 -0.19 0.00	42.67 -0.17 0.00	39.63 -0.20 0.00	34.86 -0.21 0.00
ST_LAW_115_BK8_LBMP 345038	30.88 -0.44 0.00	30.59 -0.37 0.00	29.31 -0.33 0.00	29.78 -0.30 0.00	29.23 -0.27 0.00	31.98 -0.19 0.00	40.93 -0.16 0.00	48.96 -0.10 0.00	44.22 -0.09 0.00	37.26 -0.04 0.00	36.23 -0.07 0.00	35.90 -0.11 0.00	35.37 -0.11 0.00	36.15 -0.11 0.00	35.93 -0.14 0.00	37.22 -0.11 0.00	40.57 -0.08 0.00	46.96 -0.09 0.00	50.77 0.00 0.00	61.40 -0.06 0.00	61.90 -0.19 0.00	42.67 -0.17 0.00	39.63 -0.20 0.00	34.86 -0.21 0.00
ST_LAW_230_BK5_LBMP 345035	30.91 -0.41 0.00	30.66 -0.31 0.00	29.37 -0.27 0.00	29.83 -0.24 0.00	29.29 -0.21 0.00	32.02 -0.16 0.00	40.97 -0.12 0.00	49.01 -0.05 0.00	44.26 -0.04 0.00	37.30 0.00 0.00	36.27 -0.04 0.00	35.94 -0.07 0.00	35.40 -0.07 0.00	36.19 -0.07 0.00	35.96 -0.11 0.00	37.26 -0.07 0.00	40.61 -0.04 0.00	47.01 -0.05 0.00	50.82 0.05 0.00	61.47 0.00 0.00	61.96 -0.12 0.00	42.71 -0.13 0.00	39.67 -0.16 0.00	34.90 -0.17 0.00
ST_LAW_230_BK6_LBMP 345036	30.91 -0.41 0.00	30.66 -0.31 0.00	29.37 -0.27 0.00	29.83 -0.24 0.00	29.29 -0.21 0.00	32.02 -0.16 0.00	40.97 -0.12 0.00	49.01 -0.05 0.00	44.26 -0.04 0.00	37.30 0.00 0.00	36.27 -0.04 0.00	35.94 -0.07 0.00	35.40 -0.07 0.00	36.19 -0.07 0.00	35.96 -0.11 0.00	37.26 -0.07 0.00	40.61 -0.04 0.00	47.01 -0.05 0.00	50.82 0.05 0.00	61.47 0.00 0.00	61.96 -0.12 0.00	42.71 -0.13 0.00	39.67 -0.16 0.00	34.90 -0.17 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.64 1.32 0.00	32.14 1.18 0.00	30.77 1.13 0.00	31.13 1.05 0.00	30.44 0.94 0.00	33.33 1.16 0.00	42.86 1.77 0.00	51.02 1.96 0.00	46.35 2.04 0.00	38.98 1.68 0.00	37.94 1.63 0.00	37.66 1.66 0.00	37.18 1.70 0.00	38.04 1.78 0.00	37.91 1.84 0.00	39.20 1.87 0.00	42.81 2.15 -0.01	49.60 2.54 0.00	53.41 2.64 0.00	64.60 3.13 0.00	65.31 3.23 0.00	44.94 2.10 0.00	41.70 1.87 0.00	36.62 1.54 0.00
SWANROAD_115KV_TB1 355699	29.57 -1.75 0.00	28.89 -2.07 0.00	27.53 -2.10 0.00	27.79 -2.29 0.00	27.60 -1.89 0.00	28.80 -3.38 0.00	36.49 -4.60 0.00	44.11 -4.96 0.00	39.88 -4.43 0.00	33.05 -4.25 0.00	32.64 -3.67 0.00	32.30 -3.71 0.00	31.86 -3.62 0.00	32.60 -3.66 0.00	32.02 -4.04 0.01	32.80 -4.52 0.02	34.89 -5.73 0.04	40.40 -6.63 0.02	43.59 -7.16 0.02	54.08 -7.38 0.01	53.99 -8.07 0.02	37.78 -5.06 0.01	35.56 -4.26 0.01	31.39 -3.68 0.00
SYNERGY___BIOGAS 323694	30.54 -0.78 0.00	29.88 -1.08 0.00	28.48 -1.16 0.00	28.81 -1.26 0.00	28.52 -0.97 0.00	30.37 -1.80 0.00	38.75 -2.34 0.00	46.80 -2.26 0.00	42.18 -2.13 0.00	34.99 -2.31 0.00	34.38 -1.92 0.00	34.03 -1.98 0.00	33.52 -1.95 0.00	34.30 -1.96 0.00	33.72 -2.34 0.01	34.74 -2.58 0.02	37.13 -3.50 0.03	43.09 -3.95 0.02	46.54 -4.21 0.02	57.46 -4.00 0.01	57.66 -4.41 0.02	40.09 -2.74 0.01	37.59 -2.23 0.01	33.00 -2.07 0.00
SYRACUSE___ENERGY_ST1 323597	31.16 -0.16 0.00	30.78 -0.19 0.00	29.40 -0.24 0.00	29.84 -0.24 0.00	29.26 -0.24 0.00	31.82 -0.35 0.00	40.60 -0.49 0.00	48.57 -0.49 0.00	43.86 -0.44 0.00	36.89 -0.41 0.00	35.94 -0.36 0.00	35.65 -0.36 0.00	35.09 -0.39 0.00	35.90 -0.36 0.00	35.63 -0.43 0.00	36.92 -0.41 0.00	40.08 -0.57 0.01	46.39 -0.66 0.00	50.11 -0.66 0.00	60.79 -0.68 0.00	61.40 -0.68 0.00	42.37 -0.47 0.00	39.39 -0.44 0.00	34.76 -0.32 0.00
SYRACUSE___ENERGY_ST2 323598	31.16 -0.16 0.00	30.78 -0.19 0.00	29.40 -0.24 0.00	29.84 -0.24 0.00	29.26 -0.24 0.00	31.82 -0.35 0.00	40.60 -0.49 0.00	48.57 -0.49 0.00	43.86 -0.44 0.00	36.89 -0.41 0.00	35.94 -0.36 0.00	35.65 -0.36 0.00	35.09 -0.39 0.00	35.90 -0.36 0.00	35.63 -0.43 0.00	36.92 -0.41 0.00	40.08 -0.57 0.01	46.39 -0.66 0.00	50.11 -0.66 0.00	60.79 -0.68 0.00	61.40 -0.68 0.00	42.37 -0.47 0.00	39.39 -0.44 0.00	34.76 -0.32 0.00
SYRACUSE___POWER 24017	31.16 -0.16 0.00	30.75 -0.22 0.00	29.37 -0.27 0.00	29.81 -0.27 0.00	29.26 -0.24 0.00	31.82 -0.35 0.00	40.64 -0.45 0.00	48.57 -0.49 0.00	43.86 -0.44 0.00	36.89 -0.41 0.00	35.94 -0.36 0.00	35.65 -0.36 0.00	35.09 -0.39 0.00	35.90 -0.36 0.00	35.67 -0.40 0.00	36.92 -0.41 0.00	40.13 -0.53 0.00	46.44 -0.61 0.00	50.11 -0.66 0.00	60.79 -0.68 0.00	61.40 -0.68 0.00	42.37 -0.47 0.00	39.43 -0.40 0.00	34.72 -0.35 0.00
TALLMAN__138KV_BK151 55660	32.79 1.47 0.00	32.27 1.30 0.00	30.88 1.24 0.00	31.25 1.17 0.00	30.52 1.03 0.00	33.46 1.29 0.00	43.07 1.97 0.00	51.32 2.26 0.00	46.66 2.35 0.00	39.24 1.94 0.00	38.23 1.92 0.00	37.95 1.94 0.00	37.46 1.99 0.00	38.33 2.07 0.00	38.20 2.13 0.00	39.50 2.17 0.00	43.14 2.48 -0.01	49.98 2.92 0.00	53.77 3.00 0.00	65.09 3.63 0.00	65.81 3.72 0.00	45.20 2.36 0.00	41.98 2.15 0.00	36.79 1.72 0.00
TEALLAVE_115KV_TB7 355573	31.04 -0.28 0.00	30.66 -0.31 0.00	29.28 -0.36 0.00	29.72 -0.36 0.00	29.14 -0.35 0.00	31.69 -0.48 0.00	40.44 -0.66 0.00	48.33 -0.74 0.00	43.69 -0.62 0.00	36.74 -0.56 0.00	35.83 -0.47 0.00	35.54 -0.47 0.00	34.98 -0.50 0.00	35.79 -0.47 0.00	35.53 -0.54 0.00	36.77 -0.56 0.00	39.96 -0.69 0.00	46.21 -0.85 0.00	49.86 -0.91 0.00	60.48 -0.98 0.00	61.09 -0.99 0.00	42.15 -0.69 0.00	39.23 -0.60 0.00	34.58 -0.49 0.00
TELEGRAPH_34_KV_EAST 80808	30.10 -1.22 0.00	29.45 -1.52 0.00	28.07 -1.57 0.00	28.36 -1.71 0.00	28.11 -1.39 0.00	29.70 -2.48 0.00	37.76 -3.33 0.00	45.68 -3.39 0.00	41.21 -3.10 0.00	34.21 -3.10 0.00	33.69 -2.61 0.00	33.34 -2.66 0.00	32.85 -2.63 0.00	33.62 -2.65 0.00	33.03 -3.03 0.01	33.95 -3.36 0.02	36.27 -4.35 0.03	42.00 -5.03 0.02	45.32 -5.43 0.02	55.99 -5.47 0.01	56.11 -5.96 0.02	39.11 -3.73 0.01	36.72 -3.11 0.01	32.30 -2.77 0.00
TEMPLE___115KV_TB 2 55572	31.04 -0.28 0.00	30.66 -0.31 0.00	29.28 -0.36 0.00	29.72 -0.36 0.00	29.17 -0.32 0.00	31.72 -0.45 0.00	40.48 -0.62 0.00	48.37 -0.69 0.00	43.73 -0.58 0.00	36.78 -0.52 0.00	35.83 -0.47 0.00	35.58 -0.43 0.00	35.01 -0.46 0.00	35.83 -0.44 0.00	35.56 -0.50 0.00	36.81 -0.52 0.00	39.96 -0.69 0.00	46.26 -0.80 0.00	49.91 -0.86 0.00	60.54 -0.92 0.00	61.15 -0.93 0.00	42.20 -0.64 0.00	39.27 -0.56 0.00	34.62 -0.46 0.00

TIANA___69_KV_BK 1 55817	47.42 2.44 -13.65	38.15 2.26 -4.92	31.74 2.10 0.00	32.03 1.95 0.00	31.38 1.89 0.00	38.33 2.16 -4.00	48.20 3.16 -3.95	52.30 3.24 0.00	47.72 3.41 0.00	39.76 2.46 0.00	40.29 2.61 -1.37	41.76 2.63 -3.13	39.43 2.70 -1.26	41.84 2.83 -2.74	45.75 2.92 -6.76	46.56 3.06 -6.17	48.37 3.90 -3.82	60.52 4.80 -8.67	72.57 4.62 -17.18	89.08 5.41 -22.21	81.74 5.53 -14.13	52.65 3.77 -6.04	48.29 3.62 -4.84	46.66 2.95 -8.64
TILDEN___115KV_TB1 80814	31.16 -0.16 0.00	30.75 -0.22 0.00	29.37 -0.27 0.00	29.81 -0.27 0.00	29.26 -0.24 0.00	31.82 -0.35 0.00	40.64 -0.45 0.00	48.57 -0.49 0.00	43.86 -0.44 0.00	36.89 -0.41 0.00	35.94 -0.36 0.00	35.65 -0.36 0.00	35.09 -0.39 0.00	35.90 -0.36 0.00	35.67 -0.40 0.00	36.92 -0.41 0.00	40.13 -0.53 0.00	46.44 -0.61 0.00	50.11 -0.66 0.00	60.79 -0.68 0.00	61.40 -0.68 0.00	42.37 -0.47 0.00	39.43 -0.40 0.00	34.72 -0.35 0.00
TRIGEN___CC 323695	47.04 2.07 -13.65	37.78 1.89 -4.92	31.42 1.78 0.00	31.76 1.68 0.00	31.08 1.59 0.00	38.04 1.87 -4.00	47.79 2.75 -3.95	51.81 2.75 0.00	47.36 3.06 0.00	39.76 2.46 0.00	40.36 2.69 -1.37	41.80 2.66 -3.13	39.47 2.73 -1.26	41.84 2.83 -2.74	45.71 2.89 -6.76	46.50 2.95 -6.22	50.64 3.33 -6.66	66.03 3.86 -15.11	84.65 3.91 -29.97	104.64 4.49 -38.69	91.38 4.66 -24.64	56.47 3.08 -10.54	47.58 2.91 -4.84	46.13 2.42 -8.64
TRINITY___115KV___4 BK 55933	32.23 0.91 0.00	32.02 1.05 0.00	30.65 1.01 0.00	31.10 1.02 0.00	30.44 0.94 0.00	33.30 1.13 0.00	42.12 1.03 0.00	50.19 1.13 0.00	45.19 0.89 0.00	38.12 0.82 0.00	37.07 0.76 0.00	36.80 0.79 0.00	36.26 0.78 0.00	37.02 0.76 0.00	36.93 0.87 0.00	38.23 0.90 0.00	41.75 1.10 0.00	48.14 1.08 0.00	51.94 1.17 0.00	62.57 1.11 0.00	63.32 1.24 0.00	43.87 1.03 0.00	40.83 1.00 0.00	35.88 0.81 0.00
UNION___PROCESSING_DRP 323587	30.69 -0.63 0.00	30.13 -0.84 0.00	28.75 -0.89 0.00	29.14 -0.93 0.00	28.70 -0.80 0.00	31.05 -1.13 0.00	39.61 -1.48 0.00	47.74 -1.32 0.00	43.07 -1.24 0.00	36.03 -1.27 0.00	35.25 -1.05 0.00	34.96 -1.04 0.00	34.45 -1.03 0.00	35.25 -1.02 0.00	34.80 -1.26 0.01	35.90 -1.42 0.01	38.48 -2.15 0.02	44.55 -2.49 0.01	48.02 -2.74 0.01	59.06 -2.40 0.00	59.28 -2.79 0.01	41.16 -1.67 0.00	38.47 -1.35 0.00	33.81 -1.26 0.00
UPPER HUDSON___HYD 24058	32.92 1.60 0.00	32.48 1.52 0.00	31.18 1.54 0.00	31.70 1.62 0.00	30.79 1.30 0.00	33.69 1.51 0.00	43.07 1.97 0.00	51.07 2.01 0.00	45.68 1.38 0.00	38.46 1.16 0.00	37.36 1.05 0.00	37.05 1.04 0.00	36.51 1.03 0.00	37.17 0.91 0.00	37.15 1.08 0.00	38.56 1.23 0.00	42.12 1.46 0.00	48.94 1.88 0.00	52.85 2.08 0.00	64.11 2.64 0.00	64.88 2.80 0.00	44.94 2.10 0.00	41.74 1.91 0.00	36.58 1.51 0.00
UPPER RAQUET___HYD 24056	29.88 -1.44 0.00	29.73 -1.24 0.00	28.51 -1.13 0.00	28.99 -1.08 0.00	28.49 -1.00 0.00	31.24 -0.93 0.00	40.15 -0.94 0.00	48.08 -0.98 0.00	43.29 -1.02 0.00	36.44 -0.86 0.00	35.36 -0.94 0.00	34.96 -1.05 0.00	34.55 -0.92 0.00	35.29 -0.98 0.00	35.10 -0.97 0.00	36.33 -1.01 0.00	39.68 -0.98 0.00	46.02 -1.04 0.00	49.96 -0.81 0.00	60.48 -0.99 0.00	61.03 -1.06 0.00	41.94 -0.90 0.00	38.84 -0.99 0.00	34.13 -0.95 0.00
VALLEY44_115KV_TB2 355964	29.79 -1.53 0.00	29.08 -1.89 0.00	27.68 -1.96 0.00	27.97 -2.11 0.00	27.75 -1.74 0.00	29.60 -2.57 0.00	37.85 -3.25 0.00	45.33 -3.73 0.00	40.98 -3.32 0.00	33.98 -2.83 0.00	33.47 -2.92 0.00	33.09 -2.91 0.00	32.57 -2.97 0.00	33.29 -3.32 0.01	32.74 -3.10 0.02	34.21 -3.10 0.02	38.09 -2.52 0.05	44.30 -2.73 0.02	47.85 -2.89 0.02	55.99 -5.47 0.01	57.84 -4.22 0.02	39.15 -3.68 0.01	36.32 -3.51 0.01	32.06 -3.02 0.00
VALLEY___115KV_TB 1-4 80826	31.13 -0.19 0.00	30.81 -0.15 0.00	29.52 -0.12 0.00	29.96 -0.12 0.00	29.34 -0.15 0.00	32.08 -0.10 0.00	41.01 -0.08 0.00	48.96 -0.10 0.00	44.26 -0.04 0.00	37.26 -0.04 0.00	36.23 -0.07 0.00	35.94 -0.07 0.00	35.37 -0.11 0.00	36.08 -0.18 0.00	35.85 -0.22 0.00	36.92 -0.41 0.00	40.17 -0.49 0.00	46.44 -0.61 0.00	50.01 -0.76 0.00	60.48 -0.98 0.00	61.03 -1.06 0.00	42.11 -0.73 0.00	39.07 -0.76 0.00	34.34 -0.74 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.48 1.16 0.00	32.08 1.11 0.00	30.71 1.07 0.00	31.13 1.05 0.00	30.52 1.03 0.00	33.37 1.19 0.00	42.78 1.68 0.00	50.98 1.91 0.00	46.12 1.82 0.00	38.79 1.49 0.00	37.79 1.49 0.00	37.52 1.51 0.00	37.00 1.53 0.00	37.79 1.52 0.00	37.59 1.51 0.00	38.91 1.57 -0.01	42.38 1.71 -0.01	49.09 2.02 -0.01	52.96 2.18 -0.01	64.05 2.58 0.00	64.82 2.73 -0.01	44.64 1.80 0.00	41.47 1.63 0.00	36.41 1.33 0.00
VISCHER___FERRY HYD 24020	32.61 1.28 0.00	32.23 1.27 0.00	30.85 1.22 0.00	31.31 1.23 0.00	30.64 1.15 0.00	33.43 1.25 0.00	42.78 1.69 0.00	50.93 1.86 0.00	45.72 1.42 0.00	38.61 1.30 0.00	37.46 1.16 0.00	37.19 1.19 0.00	36.64 1.17 0.00	37.42 1.16 0.00	37.33 1.26 0.00	38.67 1.34 0.00	42.24 1.58 0.00	48.89 1.83 0.00	52.65 1.88 0.00	63.74 2.28 0.00	64.38 2.30 0.00	44.64 1.80 0.00	41.50 1.67 0.00	36.44 1.37 0.00
V_A_10_SYNC_DSASP 323832	29.94 -1.38 0.00	29.23 -1.73 0.00	27.86 -1.78 0.00	28.15 -1.92 0.00	27.90 -1.59 0.00	29.63 -2.54 0.00	37.56 -3.53 0.00	45.38 -3.68 0.00	40.98 -3.32 0.00	34.09 -3.21 0.00	33.58 -2.72 0.00	33.27 -2.74 0.00	32.78 -2.70 0.00	33.54 -2.72 0.00	33.00 -3.07 0.01	33.77 -3.55 0.02	35.78 -4.84 0.04	41.39 -5.65 0.02	44.71 -6.04 0.02	55.80 -5.65 0.01	55.55 -6.52 0.02	38.94 -3.90 0.01	36.64 -3.19 0.01	32.27 -2.81 0.00
V_CMM_10_SYNC_DSASP 323787	31.04 -0.28 0.00	30.81 -0.15 0.00	29.52 -0.12 0.00	29.99 -0.09 0.00	29.43 -0.06 0.00	32.18 0.00 0.00	41.22 0.12 0.00	49.31 0.25 0.00	44.57 0.27 0.00	37.60 0.30 0.00	36.56 0.25 0.00	36.19 0.18 0.00	35.69 0.21 0.00	36.44 0.18 0.00	36.21 0.14 0.00	37.56 0.22 0.00	40.94 0.28 0.00	47.39 0.33 0.00	51.13 0.36 0.00	61.90 0.43 0.00	62.52 0.43 0.00	42.97 0.13 0.00	39.91 0.08 0.00	35.14 0.07 0.00
V_CMP_10_SYNC_DSASP 323788	31.07 -0.25 0.00	30.81 -0.15 0.00	29.55 -0.09 0.00	30.05 -0.03 0.00	29.55 0.06 0.00	32.37 0.19 0.00	41.59 0.49 0.00	49.85 0.78 0.00	45.06 0.75 0.00	37.97 0.67 0.00	36.92 0.62 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.77 0.51 0.00	36.50 0.43 0.00	37.82 0.49 0.00	41.26 0.61 0.00	47.81 0.75 0.00	51.63 0.86 0.00	62.51 1.04 0.00	63.14 1.06 0.00	43.31 0.47 0.00	40.15 0.32 0.00	35.25 0.18 0.00
V_D_10_SYNC_DSASP 323841	30.91 -0.41 0.00	30.69 -0.28 0.00	29.40 -0.24 0.00	29.87 -0.21 0.00	29.31 -0.18 0.00	32.05 -0.13 0.00	41.13 0.04 0.00	49.21 0.15 0.00	44.44 0.13 0.00	37.45 0.15 0.00	36.38 0.07 0.00	36.01 0.00 0.00	35.51 0.04 0.00	36.30 0.04 0.00	36.03 -0.04 0.00	37.37 0.04 0.00	40.78 0.12 0.00	47.20 0.14 0.00	51.03 0.25 0.00	61.77 0.31 0.00	62.39 0.31 0.00	42.88 0.04 0.00	39.79 -0.04 0.00	35.00 -0.07 0.00

V_E_10_SYNC_DSASP 323830	32.61 1.28 0.00	32.27 1.30 0.00	30.88 1.24 0.00	31.40 1.32 0.00	30.94 1.45 0.00	33.82 1.64 0.00	43.56 2.47 0.00	52.05 2.99 0.00	46.97 2.66 0.00	39.20 1.90 0.00	38.05 1.74 0.00	37.56 1.55 0.00	36.89 1.42 0.00	37.68 1.41 0.00	37.44 1.37 0.00	38.75 1.42 0.00	42.29 1.63 -0.01	49.22 2.16 0.00	53.42 2.64 0.00	64.85 3.38 0.00	65.75 3.66 0.00	45.11 2.27 0.00	41.86 2.03 0.00	36.65 1.58 0.00
V_F_30_NSYNC_DSASP 323816	32.79 1.47 0.00	32.39 1.42 0.00	31.03 1.39 0.00	31.52 1.44 0.00	30.76 1.27 0.00	33.66 1.48 0.00	42.98 1.89 0.00	51.12 2.06 0.00	45.81 1.51 0.00	38.57 1.27 0.00	37.47 1.16 0.00	37.20 1.19 0.00	36.61 1.14 0.00	37.35 1.09 0.00	37.33 1.26 0.00	38.68 1.34 0.00	42.24 1.59 0.00	49.03 1.98 0.00	53.01 2.23 0.00	64.11 2.64 0.00	64.94 2.86 0.00	44.90 2.06 0.00	41.74 1.91 0.00	36.62 1.54 0.00
V_F_30_SYNC_DSASP 323786	32.32 1.00 0.00	32.14 1.18 0.00	30.77 1.13 0.00	31.19 1.11 0.00	30.52 1.03 0.00	33.40 1.22 0.00	42.24 1.15 0.00	50.29 1.23 0.00	45.28 0.97 0.00	38.20 0.90 0.00	37.14 0.83 0.00	36.91 0.90 0.00	36.36 0.89 0.00	37.10 0.83 0.00	37.01 0.94 0.00	38.34 1.01 0.00	41.83 1.18 0.00	48.23 1.18 0.00	52.09 1.32 0.00	62.69 1.23 0.00	63.51 1.43 0.00	44.04 1.20 0.00	40.95 1.12 0.00	35.95 0.88 0.00
V_XM_10_SYNC_DSASP 323789	31.07 -0.25 0.00	30.81 -0.15 0.00	29.55 -0.09 0.00	30.05 -0.03 0.00	29.55 0.06 0.00	32.37 0.19 0.00	41.59 0.49 0.00	49.85 0.78 0.00	45.06 0.75 0.00	37.97 0.67 0.00	36.92 0.62 0.00	36.55 0.54 0.00	36.01 0.53 0.00	36.77 0.51 0.00	36.50 0.43 0.00	37.82 0.49 0.00	41.26 0.61 0.00	47.81 0.75 0.00	51.63 0.86 0.00	62.51 1.04 0.00	63.14 1.06 0.00	43.31 0.47 0.00	40.15 0.32 0.00	35.25 0.18 0.00
W.BABYLN_69_KV_BK1 56697	47.54 2.57 -13.65	38.24 2.35 -4.92	31.83 2.19 0.00	32.15 2.08 0.00	31.53 2.03 0.00	38.49 2.32 -4.00	48.41 3.37 -3.95	52.45 3.39 0.00	47.90 3.59 0.00	40.10 2.80 0.00	40.76 3.09 -1.37	42.20 3.06 -3.13	39.82 3.09 -1.26	42.20 3.19 -2.74	46.11 3.28 -6.76	46.91 3.40 -6.18	48.92 3.98 -4.28	61.43 4.66 -9.71	74.85 4.82 -19.26	91.99 5.72 -24.81	83.82 5.90 -15.84	53.51 3.90 -6.78	48.25 3.58 -4.84	46.69 2.98 -8.64
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.86 1.53 0.00	32.33 1.36 0.00	30.97 1.33 0.00	31.31 1.23 0.00	30.61 1.12 0.00	33.53 1.35 0.00	43.15 2.05 0.00	51.42 2.35 0.00	46.74 2.44 0.00	39.32 2.01 0.00	38.30 2.00 0.00	38.02 2.02 0.00	37.53 2.06 0.00	38.40 2.14 0.00	38.27 2.20 0.00	39.57 2.24 0.00	43.22 2.56 0.00	50.07 3.01 0.00	53.87 3.10 0.00	65.21 3.75 0.00	65.93 3.85 0.00	45.32 2.48 0.00	42.06 2.23 0.00	36.90 1.82 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.01 1.69 0.00	32.48 1.52 0.00	31.12 1.48 0.00	31.46 1.38 0.00	30.73 1.24 0.00	33.66 1.48 0.00	43.35 2.26 0.00	51.81 2.75 0.00	47.19 2.88 0.00	39.65 2.35 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.85 2.38 0.00	38.73 2.47 0.00	38.63 2.56 0.00	39.95 2.61 0.00	43.66 3.01 0.00	50.54 3.48 0.00	54.33 3.55 0.00	65.64 4.18 0.00	66.37 4.28 0.00	45.58 2.74 0.00	42.30 2.47 0.00	37.07 2.00 0.00
W50THST_13_KV_LOAD 356117	33.14 1.82 0.00	32.57 1.61 0.00	31.21 1.57 0.00	31.55 1.47 0.00	30.82 1.33 0.00	33.75 1.58 0.00	43.52 2.42 0.00	52.05 2.99 0.00	47.36 3.06 0.00	39.80 2.50 0.00	38.81 2.50 0.00	38.53 2.52 0.00	38.03 2.55 0.00	38.91 2.65 0.00	38.81 2.74 0.00	40.13 2.80 0.00	43.83 3.17 0.00	50.77 3.72 0.00	54.58 3.81 0.00	65.89 4.43 0.00	66.61 4.53 0.00	45.71 2.87 0.00	42.46 2.63 0.00	37.21 2.14 0.00
WADING RIVER_IC_1 23522	47.35 2.38 -13.65	38.05 2.17 -4.92	31.68 2.04 0.00	32.00 1.93 0.00	31.35 1.86 0.00	38.27 2.09 -4.00	48.16 3.12 -3.95	52.10 3.04 0.00	46.97 2.66 0.00	39.61 2.31 0.00	40.03 2.36 -1.37	41.47 2.34 -3.13	39.11 2.38 -1.26	41.51 2.50 -2.74	45.43 2.60 -6.76	46.19 2.69 -6.17	48.09 3.62 -3.81	60.24 4.52 -8.66	71.86 3.91 -17.17	88.40 4.73 -22.20	80.99 4.78 -14.12	52.39 3.51 -6.04	48.13 3.46 -4.84	46.55 2.84 -8.64
WADING RIVER_IC_2 23547	47.35 2.38 -13.65	38.05 2.17 -4.92	31.68 2.04 0.00	32.00 1.93 0.00	31.35 1.86 0.00	38.27 2.09 -4.00	48.16 3.12 -3.95	52.10 3.04 0.00	46.97 2.66 0.00	39.61 2.31 0.00	40.03 2.36 -1.37	41.47 2.34 -3.13	39.11 2.38 -1.26	41.51 2.50 -2.74	45.43 2.60 -6.76	46.19 2.69 -6.17	48.09 3.62 -3.81	60.24 4.52 -8.66	71.86 3.91 -17.17	88.40 4.73 -22.20	80.99 4.78 -14.12	52.39 3.51 -6.04	48.13 3.46 -4.84	46.55 2.84 -8.64
WADING RIVER_IC_3 23601	47.35 2.38 -13.65	38.05 2.17 -4.92	31.68 2.04 0.00	32.00 1.93 0.00	31.35 1.86 0.00	38.27 2.09 -4.00	48.16 3.12 -3.95	52.10 3.04 0.00	46.97 2.66 0.00	39.61 2.31 0.00	40.03 2.36 -1.37	41.47 2.34 -3.13	39.11 2.38 -1.26	41.51 2.50 -2.74	45.43 2.60 -6.76	46.19 2.69 -6.17	48.09 3.62 -3.81	60.24 4.52 -8.66	71.86 3.91 -17.17	88.40 4.73 -22.20	80.99 4.78 -14.12	52.39 3.51 -6.04	48.13 3.46 -4.84	46.55 2.84 -8.64
WALDENNY_12_KV_BK2 80841	29.97 -1.35 0.00	29.26 -1.70 0.00	27.89 -1.75 0.00	28.15 -1.92 0.00	27.96 -1.53 0.00	29.54 -2.64 0.00	37.56 -3.53 0.00	45.28 -3.78 0.00	41.03 -3.28 0.00	33.98 -3.32 0.00	33.58 -2.72 0.00	33.20 -2.81 0.00	32.74 -2.73 0.00	33.47 -2.79 0.00	32.89 -3.17 0.01	33.88 -3.43 0.02	36.51 -4.11 0.04	42.33 -4.71 0.02	45.62 -5.13 0.02	55.62 -5.84 0.01	56.10 -5.96 0.02	38.85 -3.98 0.01	36.40 -3.43 0.01	32.06 -3.02 0.00
WALDEN__HYDRO 24148	32.73 1.41 0.00	32.27 1.30 0.00	30.85 1.22 0.00	31.25 1.17 0.00	30.52 1.03 0.00	33.46 1.29 0.00	42.98 1.89 0.00	51.17 2.11 0.00	46.43 2.13 0.00	39.05 1.75 0.00	38.01 1.71 0.00	37.70 1.69 0.00	37.21 1.74 0.00	38.08 1.81 0.00	37.95 1.88 0.00	39.28 1.94 0.00	42.90 2.24 -0.01	49.69 2.64 0.00	53.46 2.69 0.00	64.72 3.26 0.00	65.44 3.35 0.00	45.07 2.23 0.00	41.82 1.99 0.00	36.72 1.65 0.00
WARRENSBURG____ 23737	32.92 1.60 0.00	32.51 1.55 0.00	31.18 1.54 0.00	31.70 1.62 0.00	30.79 1.30 0.00	33.72 1.54 0.00	43.07 1.97 0.00	51.07 2.01 0.00	45.68 1.37 0.00	38.46 1.16 0.00	37.36 1.05 0.00	37.09 1.08 0.00	36.50 1.03 0.00	37.17 0.91 0.00	37.15 1.08 0.00	38.56 1.23 0.00	42.12 1.46 0.00	48.94 1.88 0.00	52.95 2.18 0.00	64.11 2.64 0.00	65.00 2.92 0.00	44.94 2.10 0.00	41.74 1.91 0.00	36.58 1.51 0.00
WATERSIDE__6 8 9 23538	33.08 1.75 0.00	32.48 1.52 0.00	31.15 1.51 0.00	31.49 1.41 0.00	30.76 1.27 0.00	33.59 1.42 0.00	43.27 2.18 0.00	51.76 2.70 0.00	47.05 2.75 0.00	39.54 2.24 0.00	38.52 2.21 0.00	38.24 2.23 0.00	37.78 2.31 0.00	38.66 2.39 0.00	38.56 2.49 0.00	39.83 2.50 0.00	43.58 2.93 0.00	50.44 3.39 0.00	54.22 3.45 0.00	65.46 4.00 0.00	66.18 4.10 0.00	45.45 2.61 0.00	42.26 2.43 0.00	37.04 1.96 0.00

WATKINRD_115KV_LN8_ILLLION 55919	30.91 -0.41 0.00	30.59 -0.37 0.00	29.34 -0.30 0.00	29.78 -0.30 0.00	29.17 -0.32 0.00	31.89 -0.29 0.00	40.81 -0.29 0.00	48.72 -0.34 0.00	44.00 -0.31 0.00	37.08 -0.22 0.00	36.01 -0.29 0.00	35.68 -0.32 0.00	35.09 -0.39 0.00	35.79 -0.47 0.00	35.56 -0.50 0.00	36.55 -0.78 0.00	39.76 -0.89 0.00	45.93 -1.13 0.00	49.45 -1.32 0.00	59.81 -1.66 0.00	60.28 -1.80 0.00	41.68 -1.16 0.00	38.64 -1.19 0.00	33.95 -1.12 0.00
WDELAWARE___HYD 323627	33.07 1.75 0.00	32.60 1.64 0.00	31.21 1.57 0.00	31.61 1.53 0.00	30.88 1.39 0.00	33.85 1.67 0.00	43.48 2.38 0.00	51.56 2.50 0.00	46.70 2.39 0.00	39.31 2.01 0.00	38.19 1.89 0.00	37.88 1.87 0.00	37.39 1.91 0.00	38.26 1.99 0.00	38.05 1.98 0.00	39.46 2.13 0.00	43.06 2.40 -0.01	49.93 2.87 0.00	53.51 2.74 0.00	65.15 3.69 0.00	65.81 3.72 0.00	45.41 2.57 0.00	42.18 2.35 0.00	36.97 1.89 0.00
WEST BABYLON___IC 23714	47.54 2.57 -13.65	38.24 2.35 -4.92	31.83 2.19 0.00	32.15 2.08 0.00	31.53 2.03 0.00	38.49 2.32 -4.00	48.41 3.37 -3.95	52.45 3.39 0.00	47.90 3.59 0.00	40.10 2.80 0.00	40.76 3.09 -1.37	42.20 3.06 -3.13	39.82 3.09 -1.26	42.20 3.19 -2.74	46.11 3.28 -6.76	46.91 3.40 -6.18	48.92 3.98 -4.28	61.43 4.66 -9.71	74.85 4.82 -19.26	91.99 5.72 -24.81	83.82 5.90 -15.84	53.51 3.90 -6.78	48.25 3.58 -4.84	46.69 2.98 -8.64
WEST CANADA___HYD 24049	31.42 0.09 0.00	31.06 0.09 0.00	29.73 0.09 0.00	30.17 0.09 0.00	29.58 0.09 0.00	32.27 0.10 0.00	41.22 0.12 0.00	49.16 0.10 0.00	44.40 0.09 0.00	37.38 0.07 0.00	36.38 0.07 0.00	36.08 0.07 0.00	35.55 0.07 0.00	36.34 0.07 0.00	36.14 0.07 0.00	37.41 0.07 0.00	40.74 0.08 0.00	47.15 0.09 0.00	50.87 0.10 0.00	61.59 0.12 0.00	62.21 0.12 0.00	42.97 0.13 0.00	39.91 0.08 0.00	35.14 0.07 0.00
WESTERN_NY_WIND 24143	30.48 -0.85 0.00	29.82 -1.15 0.00	28.42 -1.22 0.00	28.75 -1.32 0.00	28.46 -1.03 0.00	30.28 -1.90 0.00	38.63 -2.47 0.00	46.71 -2.35 0.00	42.05 -2.26 0.00	34.88 -2.42 0.00	34.27 -2.03 0.00	33.92 -2.09 0.00	33.45 -2.02 0.00	34.23 -2.03 0.00	33.65 -2.42 0.01	34.63 -2.69 0.02	37.01 -3.62 0.03	42.95 -4.09 0.02	46.39 -4.37 0.02	57.28 -4.18 0.02	57.47 -4.59 0.01	39.96 -2.87 0.01	37.47 -2.35 0.01	32.93 -2.14 0.00
WESTOVER___LESR 323668	31.54 0.22 0.00	31.12 0.15 0.00	29.70 0.06 0.00	30.14 0.06 0.00	29.58 0.09 0.00	32.18 0.00 0.00	41.18 0.08 0.00	49.21 0.15 0.00	44.48 0.18 0.00	37.34 0.04 0.00	36.41 0.11 0.00	36.08 0.07 0.00	35.51 0.04 0.00	36.34 0.07 0.00	36.11 0.04 -0.01	37.39 0.04 -0.02	40.79 0.08 -0.05	47.17 0.09 -0.02	50.95 0.15 -0.02	61.60 0.12 -0.01	62.35 0.25 -0.02	42.93 0.09 -0.01	39.92 0.08 -0.01	35.11 0.04 0.00
WETHRSFD_WT_PWR 323626	29.98 -1.35 0.00	29.29 -1.67 0.00	27.92 -1.72 0.00	28.24 -1.84 0.00	28.05 -1.44 0.00	30.21 -1.96 0.00	38.01 -3.08 0.00	45.78 -3.29 0.00	41.65 -2.66 0.00	34.32 -2.99 0.00	33.76 -2.54 0.00	33.41 -2.59 0.00	32.74 -2.73 0.00	33.54 -2.72 0.00	32.96 -3.10 0.01	33.95 -3.36 0.03	36.74 -3.86 0.05	42.65 -4.37 0.03	46.28 -4.47 0.03	56.23 -5.22 0.01	57.15 -4.91 0.03	39.19 -3.64 0.01	36.60 -3.23 0.01	32.20 -2.88 0.00
WHAVSTOR_138KV_BK127 55557	32.76 1.44 0.00	32.23 1.27 0.00	30.88 1.24 0.00	31.25 1.17 0.00	30.52 1.03 0.00	33.43 1.25 0.00	43.02 1.93 0.00	51.32 2.26 0.00	46.61 2.30 0.00	39.24 1.94 0.00	38.19 1.89 0.00	37.92 1.91 0.00	37.43 1.95 0.00	38.29 2.03 0.00	38.20 2.13 0.00	39.50 2.17 0.00	43.13 2.48 0.00	49.93 2.87 0.00	53.77 3.00 0.00	65.03 3.56 0.00	65.75 3.66 0.00	45.20 2.36 0.00	41.94 2.11 0.00	36.79 1.72 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.76 1.44 0.00	32.23 1.27 0.00	30.88 1.24 0.00	31.25 1.17 0.00	30.52 1.03 0.00	33.43 1.25 0.00	43.02 1.93 0.00	51.32 2.26 0.00	46.61 2.30 0.00	39.24 1.94 0.00	38.19 1.89 0.00	37.92 1.91 0.00	37.43 1.95 0.00	38.29 2.03 0.00	38.20 2.13 0.00	39.50 2.17 0.00	43.13 2.48 0.00	49.93 2.87 0.00	53.77 3.00 0.00	65.03 3.56 0.00	65.75 3.66 0.00	45.20 2.36 0.00	41.94 2.11 0.00	36.79 1.72 0.00
WHITEHAL_115KV_TB1 80871	33.29 1.97 0.00	32.88 1.92 0.00	31.54 1.90 0.00	32.06 1.99 0.00	31.20 1.71 0.00	34.20 2.03 0.00	43.72 2.63 0.00	51.71 2.65 0.00	46.08 1.77 0.00	38.76 1.45 0.00	37.61 1.31 0.00	37.38 1.37 0.00	36.72 1.24 0.00	37.35 1.09 0.00	37.37 1.30 0.00	38.79 1.46 0.00	42.40 1.75 0.00	49.36 2.31 0.00	53.51 2.74 0.00	64.91 3.44 0.00	65.93 3.85 0.00	45.58 2.74 0.00	42.30 2.47 0.00	37.04 1.96 0.00
WHITEPLN_13_KV_LOAD 356215	33.14 1.82 0.00	32.61 1.64 0.00	31.21 1.57 0.00	31.55 1.47 0.00	30.82 1.33 0.00	33.75 1.58 0.00	43.48 2.38 0.00	51.96 2.89 0.00	47.32 3.01 0.00	39.80 2.50 0.00	38.77 2.47 0.00	38.49 2.48 0.00	38.03 2.55 0.00	38.91 2.65 0.00	38.81 2.74 0.00	40.13 2.80 0.00	43.91 3.25 0.00	50.87 3.81 0.00	54.68 3.91 0.00	66.14 4.67 0.00	66.80 4.72 0.00	45.75 2.91 0.00	42.50 2.67 0.00	37.25 2.17 0.00
WM_FLOYD_69_KV_BK2 356380	47.39 2.41 -13.65	38.12 2.23 -4.92	31.71 2.07 0.00	32.03 1.95 0.00	31.38 1.89 0.00	38.33 2.16 -4.00	48.20 3.16 -3.95	52.15 3.09 0.00	47.59 3.28 0.00	39.69 2.39 0.00	40.21 2.54 -1.37	41.66 2.52 -3.13	39.29 2.55 -1.26	41.69 2.68 -2.74	45.61 2.78 -6.76	46.41 2.91 -6.17	48.18 3.70 -3.82	60.25 4.52 -8.68	72.34 4.37 -17.20	88.81 5.10 -22.24	81.51 5.28 -14.15	52.53 3.64 -6.05	48.17 3.51 -4.84	46.55 2.84 -8.64
WOODARD__115KV_TB2 355635	30.98 -0.34 0.00	30.59 -0.37 0.00	29.22 -0.41 0.00	29.69 -0.39 0.00	29.11 -0.38 0.00	31.66 -0.51 0.00	40.35 -0.74 0.00	48.28 -0.78 0.00	43.60 -0.71 0.00	36.67 -0.63 0.00	35.76 -0.54 0.00	35.47 -0.54 0.00	34.91 -0.57 0.00	35.72 -0.54 0.00	35.45 -0.61 0.00	36.69 -0.63 0.00	39.88 -0.77 0.01	46.16 -0.89 0.00	49.80 -0.96 0.00	60.42 -1.04 0.00	60.96 -1.12 0.00	42.07 -0.77 0.00	39.15 -0.68 0.00	34.55 -0.53 0.00
WOODMERE_69_KV_BK1 55827	47.32 2.35 -13.65	38.05 2.17 -4.92	31.68 2.05 0.00	32.03 1.95 0.00	31.35 1.86 0.00	38.33 2.16 -4.00	48.12 3.08 -3.95	52.25 3.19 0.00	47.67 3.37 0.00	40.06 2.76 0.00	40.68 3.01 -1.37	42.16 3.02 -3.13	39.79 3.05 -1.26	42.13 3.12 -2.74	46.04 3.21 -6.76	46.84 3.29 -6.23	51.19 3.66 -6.88	66.96 4.28 -15.62	86.16 4.42 -30.97	106.61 5.10 -40.04	92.83 5.28 -25.47	57.25 3.51 -10.90	47.97 3.31 -4.84	46.45 2.74 -8.64
YORK___WARBASSE 23770	33.26 1.94 0.00	32.61 1.64 0.00	31.30 1.66 0.00	31.61 1.53 0.00	30.85 1.36 0.00	33.69 1.51 0.00	43.44 2.34 0.00	51.96 2.89 0.00	47.23 2.92 0.00	39.69 2.39 0.00	38.63 2.32 0.00	38.35 2.34 0.00	37.89 2.41 0.00	38.76 2.50 0.00	38.67 2.60 0.00	40.02 2.69 0.00	43.74 3.09 0.00	50.73 3.67 0.00	54.53 3.76 0.00	65.83 4.36 0.00	66.55 4.47 0.00	45.71 2.87 0.00	42.50 2.67 0.00	37.25 2.17 0.00