

ALBANY__2 23572	41.29 0.21 0.00	39.62 0.08 0.00	37.91 0.08 0.00	36.37 0.04 0.00	36.73 0.00 0.00	38.52 0.15 0.00	42.92 0.30 0.00	50.42 0.30 0.00	48.09 0.24 0.00	43.27 0.13 0.00	36.52 0.04 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.25 0.12 0.00	27.87 0.11 0.00	28.93 0.14 0.00	32.37 0.26 0.00	42.74 0.30 0.00	53.38 0.27 0.00	57.64 0.40 0.00	54.78 0.33 0.00	47.69 0.24 0.00	42.07 0.33 0.00	38.49 0.31 0.00
ALBANY__3 23573	41.29 0.21 0.00	39.62 0.08 0.00	37.91 0.08 0.00	36.37 0.04 0.00	36.73 0.00 0.00	38.52 0.15 0.00	42.92 0.30 0.00	50.42 0.30 0.00	48.09 0.24 0.00	43.27 0.13 0.00	36.52 0.04 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.25 0.12 0.00	27.87 0.11 0.00	28.93 0.14 0.00	32.37 0.26 0.00	42.74 0.30 0.00	53.38 0.27 0.00	57.64 0.40 0.00	54.78 0.33 0.00	47.69 0.24 0.00	42.07 0.33 0.00	38.49 0.31 0.00
ALBANY__4 23574	41.29 0.21 0.00	39.62 0.08 0.00	37.91 0.08 0.00	36.37 0.04 0.00	36.73 0.00 0.00	38.52 0.15 0.00	42.92 0.30 0.00	50.42 0.30 0.00	48.09 0.24 0.00	43.27 0.13 0.00	36.52 0.04 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.25 0.12 0.00	27.87 0.11 0.00	28.93 0.14 0.00	32.37 0.26 0.00	42.74 0.30 0.00	53.38 0.27 0.00	57.64 0.40 0.00	54.78 0.33 0.00	47.69 0.24 0.00	42.07 0.33 0.00	38.49 0.31 0.00
ALBANY__LFGE 323615	41.58 0.49 0.00	39.90 0.36 0.00	38.17 0.34 0.00	36.66 0.33 0.00	37.02 0.29 0.00	38.79 0.42 0.00	43.26 0.64 0.00	50.82 0.70 0.00	48.47 0.62 0.00	43.62 0.48 0.00	36.81 0.33 0.00	34.18 0.47 0.00	30.50 0.30 0.00	29.43 0.29 0.00	28.03 0.28 0.00	29.10 0.32 0.00	32.56 0.45 0.00	43.04 0.59 0.00	53.80 0.69 0.00	58.15 0.91 0.00	55.22 0.76 0.00	48.07 0.62 0.00	42.40 0.67 0.00	38.72 0.53 0.00
ALCOA_PA_115KV_PL-6C 55860	41.91 0.82 0.00	40.14 0.59 0.00	38.32 0.49 0.00	36.85 0.51 0.00	37.21 0.48 0.00	38.75 0.38 0.00	43.05 0.43 0.00	50.52 0.40 0.00	48.19 0.34 0.00	43.40 0.26 0.00	36.74 0.26 0.00	33.88 0.17 0.00	30.26 0.06 0.00	29.10 -0.03 0.00	27.76 0.00 0.00	28.84 0.06 0.00	32.28 0.16 0.00	42.70 0.26 0.00	53.22 0.11 0.00	57.41 0.17 0.00	54.67 0.22 0.00	48.07 0.62 0.00	42.28 0.54 0.00	38.53 0.34 0.00
ALCOA_RYNLDS__DRP 24188	41.91 0.82 0.00	40.14 0.59 0.00	38.33 0.49 0.00	36.85 0.51 0.00	37.21 0.48 0.00	38.75 0.38 0.00	43.05 0.43 0.00	50.52 0.40 0.00	48.18 0.33 0.00	43.40 0.26 0.00	36.74 0.26 0.00	33.88 0.17 0.00	30.26 0.06 0.00	29.10 -0.03 0.00	27.76 0.00 0.00	28.84 0.06 0.00	32.28 0.16 0.00	42.70 0.25 0.00	53.43 0.32 0.00	57.41 0.17 0.00	54.67 0.22 0.00	48.07 0.62 0.00	42.28 0.54 0.00	38.53 0.34 0.00
ALCOA__DSASP 323711	41.91 0.82 0.00	40.14 0.59 0.00	38.33 0.49 0.00	36.85 0.51 0.00	37.21 0.48 0.00	38.75 0.38 0.00	43.05 0.43 0.00	50.52 0.40 0.00	48.18 0.33 0.00	43.40 0.26 0.00	36.74 0.26 0.00	33.88 0.17 0.00	30.26 0.06 0.00	29.10 -0.03 0.00	27.76 0.00 0.00	28.84 0.06 0.00	32.28 0.16 0.00	42.70 0.25 0.00	53.43 0.32 0.00	57.41 0.17 0.00	54.67 0.22 0.00	48.07 0.62 0.00	42.28 0.54 0.00	38.53 0.34 0.00
ALLEGHENY__COGEN 23514	41.21 0.12 0.00	40.65 1.11 0.00	38.97 1.13 0.00	37.72 1.38 0.00	38.13 1.40 0.00	39.48 1.11 0.00	43.17 0.55 0.00	50.62 0.50 0.00	47.99 0.14 0.00	43.32 0.17 0.00	36.48 0.00 0.00	33.10 -0.61 0.00	29.78 -0.42 0.00	28.58 -0.55 0.00	27.14 -0.61 0.00	28.30 -0.49 0.00	31.54 -0.58 0.00	41.68 -0.76 0.00	53.16 0.05 0.00	57.29 0.06 0.00	54.94 0.49 0.00	47.49 0.05 0.01	41.53 -0.21 0.00	38.22 0.04 0.00
ALTMONT_115KV_TB 2 55880	41.58 0.49 0.00	39.94 0.40 0.00	38.21 0.38 0.00	36.63 0.29 0.00	37.03 0.29 0.00	38.79 0.42 0.00	43.26 0.64 0.00	50.82 0.70 0.00	48.47 0.62 0.00	43.62 0.47 0.00	36.81 0.33 0.00	34.11 0.40 0.00	30.53 0.33 0.00	29.48 0.35 0.00	28.09 0.33 0.00	29.13 0.35 0.00	32.53 0.42 0.00	43.08 0.64 0.00	53.80 0.69 0.00	58.15 0.92 0.00	55.27 0.82 0.00	48.12 0.66 0.00	42.36 0.63 0.00	38.76 0.57 0.00
ALTONA_WT_PWR 323606	42.03 0.95 0.00	40.33 0.79 0.00	38.51 0.68 0.00	36.99 0.65 0.00	37.36 0.62 0.00	38.94 0.58 0.00	43.22 0.60 0.00	50.77 0.65 0.00	48.42 0.58 0.00	43.66 0.52 0.00	36.96 0.47 0.00	34.12 0.41 0.00	30.47 0.27 0.00	29.34 0.21 0.00	27.98 0.22 0.00	29.04 0.26 0.00	32.50 0.39 0.00	42.99 0.55 0.00	53.64 0.53 0.00	57.87 0.63 0.00	55.11 0.66 0.00	48.31 0.86 0.00	42.52 0.79 0.00	38.76 0.57 0.00
AMERICAN_REF_FUEL 24010	36.03 -5.06 0.00	36.38 -3.16 0.00	34.92 -2.91 0.00	33.90 -2.43 0.00	34.42 -2.31 0.00	35.14 -3.22 0.00	37.72 -4.90 0.00	43.95 -6.17 0.00	41.91 -5.93 0.00	38.27 -4.88 0.00	32.73 -3.76 0.00	29.70 -4.01 0.00	26.97 -3.23 0.00	25.99 -3.15 0.00	24.70 -3.05 0.00	25.79 -2.99 0.00	28.26 -3.85 0.00	36.67 -5.77 0.00	45.62 -7.49 0.00	48.88 -8.36 0.00	46.78 -7.68 0.00	40.55 -6.79 0.12	35.52 -6.22 0.00	33.26 -4.93 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	37.96 -3.12 0.00	38.00 -1.54 0.00	36.43 -1.40 0.00	35.32 -1.02 0.00	35.92 -0.81 0.00	36.71 -1.65 0.00	39.85 -2.77 0.00	46.56 -3.56 0.00	44.50 -3.35 0.00	40.51 -2.63 0.00	34.58 -1.90 0.00	31.35 -2.36 0.00	28.48 -1.72 0.00	27.41 -1.72 0.00	26.06 -1.69 0.00	27.23 -1.55 0.00	29.87 -2.25 0.00	38.88 -3.57 0.00	48.54 -4.57 0.00	51.97 -5.26 0.00	49.55 -4.90 0.00	42.38 -4.98 0.09	37.14 -4.59 0.00	34.37 -3.82 0.00
ARTHUR KILL_GT_1 23520	42.85 1.77 0.00	40.89 1.34 0.00	38.97 1.13 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.44 1.07 0.00	44.20 1.58 0.00	51.58 1.45 0.00	49.86 2.01 0.00	45.30 2.16 0.00	38.34 1.86 0.00	35.46 1.75 0.00	31.83 1.63 0.00	30.97 1.84 0.00	29.64 1.89 0.00	30.66 1.87 0.00	33.85 1.73 0.00	45.24 2.80 0.00	54.92 1.97 0.16	54.79 1.95 4.39	54.86 1.85 1.45	49.92 2.47 0.00	43.82 2.09 0.00	39.87 1.68 0.00
ARTHUR_KILL_2 23512	42.77 1.69 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.15 1.53 0.00	51.48 1.35 0.00	49.76 1.92 0.00	45.21 2.07 0.00	38.27 1.79 0.00	35.36 1.65 0.00	31.77 1.57 0.00	30.88 1.75 0.00	29.56 1.80 0.00	30.57 1.79 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.02 2.07 0.16	54.62 1.78 4.39	54.70 1.69 1.45	49.78 2.32 0.00	43.78 2.04 0.00	40.29 2.10 0.00
ARTHUR_KILL_3 23513	42.48 1.40 0.01	40.53 0.99 0.01	38.70 0.87 0.01	36.91 0.58 0.01	37.35 0.62 0.01	39.20 0.84 0.01	43.93 1.32 0.01	51.67 1.56 0.01	49.66 1.82 0.01	44.86 1.73 0.01	37.97 1.50 0.01	35.12 1.42 0.01	31.49 1.30 0.01	30.61 1.49 0.01	29.22 1.47 0.01	30.22 1.44 0.01	33.55 1.45 0.01	44.60 2.16 0.01	55.07 2.13 0.17	55.07 2.23 4.40	55.07 2.07 1.45	49.39 1.95 0.01	43.40 1.67 0.01	39.67 1.49 0.01

ARTHUR_KILL_COGEN 323718	42.89 1.81 0.00	40.89 1.35 0.00	39.01 1.17 0.00	37.14 0.80 0.00	37.58 0.85 0.00	39.44 1.07 0.00	44.24 1.62 0.00	51.58 1.45 0.00	49.90 2.06 0.00	45.34 2.20 0.00	38.34 1.86 0.00	35.46 1.75 0.00	31.83 1.63 0.00	30.94 1.81 0.00	29.64 1.89 0.00	30.65 1.87 0.00	33.94 1.83 0.00	45.24 2.80 0.00	55.13 2.18 0.16	54.80 1.95 4.39	54.86 1.85 1.45	49.92 2.47 0.00	43.86 2.13 0.00	40.40 2.21 0.00
ASHOKAN____ 23654	42.85 1.77 0.00	41.05 1.50 0.00	39.27 1.44 0.00	37.54 1.20 0.00	37.98 1.25 0.00	39.71 1.34 0.00	44.20 1.58 0.00	51.48 1.35 0.00	49.04 1.20 0.00	43.79 0.65 0.00	36.67 0.18 0.00	33.88 0.17 0.00	30.14 -0.06 0.00	29.13 0.00 0.00	27.81 0.06 0.00	28.84 0.06 0.00	32.50 0.39 0.00	43.72 1.27 0.00	55.02 1.91 0.00	59.47 2.23 0.00	56.41 1.96 0.00	49.16 1.71 0.00	43.23 1.50 0.00	39.72 1.53 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.61 1.52 0.00	40.65 1.11 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.16 0.81 0.01	43.93 1.32 0.01	51.51 1.40 0.01	49.70 1.86 0.01	44.99 1.85 0.01	38.08 1.60 0.01	35.22 1.52 0.01	31.67 1.48 0.01	30.76 1.63 0.01	29.38 1.64 0.01	30.39 1.61 0.01	33.68 1.57 0.01	44.77 2.33 0.01	55.28 2.18 0.01	59.40 2.17 0.01	56.57 2.12 0.01	49.44 1.99 0.01	43.44 1.71 0.01	39.71 1.53 0.01
ASTORIA_EAST_ENERGY_CC2 323582	42.61 1.52 0.00	40.65 1.11 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.16 0.81 0.01	43.93 1.32 0.01	51.51 1.40 0.01	49.70 1.86 0.01	44.99 1.85 0.01	38.08 1.60 0.01	35.22 1.52 0.01	31.67 1.48 0.01	30.76 1.63 0.01	29.36 1.61 0.01	30.39 1.61 0.01	33.68 1.57 0.01	44.77 2.33 0.01	55.28 2.18 0.01	59.40 2.17 0.01	56.57 2.12 0.01	49.44 1.99 0.01	43.44 1.71 0.01	39.71 1.53 0.01
ASTORIA_GT2_1 24094	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.58 1.45 0.00	49.76 1.91 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.39 1.64 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.78 2.33 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.52 1.34 0.00
ASTORIA_GT2_2 24095	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.58 1.45 0.00	49.76 1.91 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.39 1.64 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.78 2.33 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.52 1.34 0.00
ASTORIA_GT2_3 24096	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.58 1.45 0.00	49.76 1.91 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.39 1.64 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.78 2.33 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.52 1.34 0.00
ASTORIA_GT2_4 24097	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.58 1.45 0.00	49.76 1.91 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.39 1.64 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.78 2.33 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.52 1.34 0.00
ASTORIA_GT3_1 24098	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.58 1.45 0.00	49.76 1.91 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.39 1.64 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.78 2.33 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.52 1.34 0.00
ASTORIA_GT3_2 24099	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.58 1.45 0.00	49.76 1.91 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.39 1.64 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.78 2.33 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.52 1.34 0.00
ASTORIA_GT3_3 24100	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.58 1.45 0.00	49.76 1.91 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.39 1.64 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.78 2.33 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.52 1.34 0.00
ASTORIA_GT3_4 24101	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.58 1.45 0.00	49.76 1.91 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.39 1.64 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.78 2.33 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.52 1.34 0.00
ASTORIA_GT4_1 24102	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.58 1.45 0.00	49.76 1.91 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.39 1.64 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.78 2.33 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.52 1.34 0.00
ASTORIA_GT4_2 24103	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.58 1.45 0.00	49.76 1.91 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.39 1.64 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.78 2.33 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.52 1.34 0.00
ASTORIA_GT4_3 24104	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.58 1.45 0.00	49.76 1.91 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.39 1.64 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.78 2.33 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.52 1.34 0.00

ASTORIA_GT4_4 24105	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.58 1.45 0.00	49.76 1.91 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.39 1.64 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.78 2.33 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.52 1.34 0.00
ASTORIA_GT_1 23523	42.65 1.56 0.00	40.73 1.19 0.00	38.82 0.98 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.21 0.84 0.00	43.98 1.36 0.00	51.63 1.50 0.00	49.81 1.96 0.00	45.08 1.94 0.00	38.16 1.68 0.00	35.29 1.58 0.00	31.71 1.51 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.66 1.54 0.00	44.86 2.42 0.00	55.24 2.12 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.54 2.09 0.00	43.44 1.71 0.00	39.56 1.37 0.00
ASTORIA_GT_10 24110	42.73 1.64 0.00	40.85 1.30 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.83 1.70 0.00	49.91 2.06 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.72 1.61 0.00	44.91 2.46 0.00	55.34 2.23 0.00	59.64 2.40 0.00	56.80 2.34 0.00	49.73 2.28 0.00	43.61 1.88 0.00	39.75 1.57 0.00
ASTORIA_GT_11 24225	42.73 1.64 0.00	40.85 1.30 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.83 1.70 0.00	49.91 2.06 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.72 1.61 0.00	44.91 2.46 0.00	55.34 2.23 0.00	59.64 2.40 0.00	56.80 2.34 0.00	49.73 2.28 0.00	43.61 1.88 0.00	39.75 1.57 0.00
ASTORIA_GT_12 24226	42.73 1.64 0.00	40.85 1.30 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.83 1.70 0.00	49.91 2.06 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.72 1.61 0.00	44.91 2.46 0.00	55.34 2.23 0.00	59.64 2.40 0.00	56.80 2.34 0.00	49.73 2.28 0.00	43.61 1.88 0.00	39.75 1.57 0.00
ASTORIA_GT_13 24227	42.73 1.64 0.00	40.85 1.30 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.83 1.70 0.00	49.91 2.06 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.72 1.61 0.00	44.91 2.46 0.00	55.34 2.23 0.00	59.64 2.40 0.00	56.80 2.34 0.00	49.73 2.28 0.00	43.61 1.88 0.00	39.75 1.57 0.00
ASTORIA_GT_5 24106	42.65 1.56 0.00	40.73 1.19 0.00	38.82 0.98 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.21 0.84 0.00	43.98 1.36 0.00	51.63 1.50 0.00	49.81 1.96 0.00	45.08 1.94 0.00	38.16 1.68 0.00	35.29 1.58 0.00	31.71 1.51 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.66 1.54 0.00	44.86 2.42 0.00	55.24 2.12 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.54 2.09 0.00	43.44 1.71 0.00	39.56 1.37 0.00
ASTORIA_GT_7 24107	42.65 1.56 0.00	40.73 1.19 0.00	38.82 0.98 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.21 0.84 0.00	43.98 1.36 0.00	51.63 1.50 0.00	49.81 1.96 0.00	45.08 1.94 0.00	38.16 1.68 0.00	35.29 1.58 0.00	31.71 1.51 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.66 1.54 0.00	44.86 2.42 0.00	55.24 2.12 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.54 2.09 0.00	43.44 1.71 0.00	39.56 1.37 0.00
ASTORIA_GT_8 24108	42.65 1.56 0.00	40.73 1.19 0.00	38.82 0.98 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.21 0.84 0.00	43.98 1.36 0.00	51.63 1.50 0.00	49.81 1.96 0.00	45.08 1.94 0.00	38.16 1.68 0.00	35.29 1.58 0.00	31.71 1.51 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.66 1.54 0.00	44.86 2.42 0.00	55.24 2.12 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.54 2.09 0.00	43.44 1.71 0.00	39.56 1.37 0.00
ASTORIA___2 24149	42.61 1.52 0.00	40.69 1.15 0.00	38.78 0.95 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.16 0.81 0.01	43.93 1.32 0.01	51.57 1.45 0.01	49.76 1.92 0.01	45.03 1.90 0.01	38.12 1.64 0.01	35.25 1.55 0.01	31.67 1.48 0.01	30.79 1.66 0.01	29.38 1.64 0.01	30.39 1.61 0.01	33.68 1.57 0.01	44.77 2.33 0.01	55.28 2.18 0.01	59.46 2.23 0.01	56.57 2.12 0.01	49.49 2.04 0.01	43.44 1.71 0.01	39.71 1.53 0.01
ASTORIA___3 23516	42.77 1.69 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.14 0.80 0.00	37.58 0.85 0.00	39.44 1.07 0.00	44.15 1.53 0.00	51.83 1.71 0.00	49.90 2.06 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.82 1.69 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.78 1.67 0.00	44.95 2.50 0.00	55.50 2.39 0.00	59.64 2.40 0.00	56.79 2.34 0.00	49.73 2.28 0.00	43.70 1.96 0.00	39.98 1.80 0.00
ASTORIA___4 23517	42.73 1.64 0.00	40.85 1.30 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.83 1.70 0.00	49.91 2.06 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.72 1.61 0.00	44.91 2.46 0.00	55.34 2.23 0.00	59.64 2.40 0.00	56.80 2.34 0.00	49.73 2.28 0.00	43.61 1.88 0.00	39.75 1.57 0.00
ASTORIA___5 23518	42.77 1.69 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.14 0.80 0.00	37.58 0.85 0.00	39.44 1.07 0.00	44.15 1.53 0.00	51.83 1.71 0.00	49.90 2.06 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.82 1.69 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.78 1.67 0.00	44.95 2.50 0.00	55.50 2.39 0.00	59.64 2.40 0.00	56.79 2.34 0.00	49.73 2.28 0.00	43.70 1.96 0.00	39.98 1.80 0.00
AST_ENERGY_2_CC3 323677	42.56 1.48 0.00	40.65 1.11 0.00	38.78 0.95 0.00	37.03 0.69 0.00	37.43 0.70 0.00	39.32 0.96 0.00	44.02 1.40 0.00	51.72 1.60 0.00	49.76 1.92 0.00	44.95 1.81 0.00	38.01 1.53 0.00	35.19 1.48 0.00	31.56 1.36 0.00	30.71 1.57 0.00	29.31 1.55 0.00	30.31 1.52 0.00	33.62 1.51 0.00	44.65 2.21 0.00	55.34 2.23 0.00	59.58 2.35 0.00	56.69 2.23 0.00	49.49 2.04 0.00	43.49 1.75 0.00	39.75 1.57 0.00
AST_ENERGY_2_CC4 323678	42.56 1.48 0.00	40.65 1.11 0.00	38.78 0.95 0.00	37.03 0.69 0.00	37.43 0.70 0.00	39.32 0.96 0.00	44.02 1.40 0.00	51.72 1.60 0.00	49.76 1.92 0.00	44.95 1.81 0.00	38.01 1.53 0.00	35.19 1.48 0.00	31.56 1.36 0.00	30.71 1.57 0.00	29.31 1.55 0.00	30.31 1.52 0.00	33.62 1.51 0.00	44.65 2.21 0.00	55.34 2.23 0.00	59.58 2.35 0.00	56.69 2.23 0.00	49.49 2.04 0.00	43.49 1.75 0.00	39.75 1.57 0.00

ATHENS_STG_1 23668	41.87 0.78 0.00	40.10 0.55 0.00	38.36 0.53 0.00	36.74 0.40 0.00	37.14 0.40 0.00	38.90 0.54 0.00	43.43 0.81 0.00	51.07 0.95 0.00	48.80 0.96 0.00	44.01 0.86 0.00	37.17 0.69 0.00	34.45 0.74 0.00	30.87 0.66 0.00	29.83 0.70 0.00	28.45 0.69 0.00	29.47 0.69 0.00	32.85 0.74 0.00	43.55 1.10 0.00	54.28 1.17 0.00	58.55 1.32 0.00	55.71 1.25 0.00	48.50 1.04 0.00	42.65 0.92 0.00	39.03 0.84 0.00
ATHENS_STG_2 23670	41.87 0.78 0.00	40.10 0.55 0.00	38.36 0.53 0.00	36.74 0.40 0.00	37.14 0.40 0.00	38.90 0.54 0.00	43.43 0.81 0.00	51.07 0.95 0.00	48.80 0.96 0.00	44.01 0.86 0.00	37.17 0.69 0.00	34.45 0.74 0.00	30.87 0.66 0.00	29.83 0.70 0.00	28.45 0.69 0.00	29.47 0.69 0.00	32.85 0.74 0.00	43.55 1.10 0.00	54.28 1.17 0.00	58.55 1.32 0.00	55.71 1.25 0.00	48.50 1.04 0.00	42.65 0.92 0.00	39.03 0.84 0.00
ATHENS_STG_3 23677	41.87 0.78 0.00	40.10 0.55 0.00	38.36 0.53 0.00	36.74 0.40 0.00	37.14 0.40 0.00	38.90 0.54 0.00	43.43 0.81 0.00	51.07 0.95 0.00	48.80 0.96 0.00	44.01 0.86 0.00	37.17 0.69 0.00	34.45 0.74 0.00	30.87 0.66 0.00	29.83 0.70 0.00	28.45 0.69 0.00	29.47 0.69 0.00	32.85 0.74 0.00	43.55 1.10 0.00	54.28 1.17 0.00	58.55 1.32 0.00	55.71 1.25 0.00	48.50 1.04 0.00	42.65 0.92 0.00	39.03 0.84 0.00
AUBURN___LFGE 323710	41.05 -0.04 0.00	39.70 0.16 0.00	38.06 0.23 0.00	36.63 0.29 0.00	37.03 0.29 0.00	38.52 0.15 0.00	42.71 0.09 0.00	50.32 0.20 0.00	48.09 0.24 0.00	43.45 0.30 0.00	36.74 0.26 0.00	33.74 0.03 0.00	30.26 0.06 0.00	29.16 0.03 0.00	27.76 0.00 0.00	28.81 0.03 0.00	32.15 0.03 0.00	42.49 0.04 0.00	53.38 0.27 0.00	57.35 0.11 0.00	54.67 0.22 0.00	47.55 0.09 0.00	41.73 0.00 0.00	38.22 0.04 0.00
BABYLON_RES_REC 323704	43.34 2.26 0.00	41.13 1.58 0.00	39.12 1.29 0.00	37.35 1.02 0.00	37.80 1.07 0.00	39.63 1.26 0.00	44.41 1.79 0.00	52.28 2.15 0.00	50.62 2.77 0.00	45.47 2.33 0.00	38.97 2.48 -0.01	36.04 2.32 -0.01	32.23 2.02 0.00	31.33 2.19 -0.01	29.93 2.17 -0.01	31.01 2.22 -0.01	34.44 2.31 -0.01	45.68 3.22 -0.01	56.62 3.50 0.00	61.08 3.84 -0.01	57.94 3.49 0.00	50.59 3.13 0.00	44.53 2.80 0.00	40.75 2.56 -0.01
BALL_HILL_WT_PWR 323825	37.72 -3.37 0.00	37.77 -1.78 0.00	36.21 -1.63 0.00	35.10 -1.24 0.00	35.63 -1.10 0.00	36.48 -1.88 0.00	39.47 -3.15 0.00	46.11 -4.01 0.00	44.02 -3.83 0.00	40.08 -3.06 0.00	34.22 -2.26 0.00	31.08 -2.63 0.00	28.21 -1.99 0.00	27.15 -1.98 0.00	25.84 -1.91 0.00	26.97 -1.81 0.00	29.58 -2.54 0.00	38.50 -3.95 0.00	48.01 -5.10 0.00	51.46 -5.78 0.00	49.17 -5.28 0.00	42.23 -5.13 0.09	37.19 -4.55 0.00	34.60 -3.59 0.00
BARON_WINDS___WT_PWR 323822	39.32 -1.77 0.00	38.75 -0.79 0.00	37.15 -0.68 0.00	35.87 -0.47 0.00	36.36 -0.37 0.00	37.48 -0.88 0.00	41.00 -1.62 0.00	48.12 -2.01 0.00	45.93 -1.92 0.00	41.63 -1.51 0.00	35.39 -1.09 0.00	32.30 -1.41 0.00	29.12 -1.09 0.00	28.00 -1.14 0.00	26.62 -1.14 0.00	27.69 -1.09 0.00	30.67 -1.44 0.00	40.28 -2.16 0.00	50.56 -2.55 0.00	54.26 -2.98 0.00	51.84 -2.61 0.00	44.80 -2.61 0.05	39.31 -2.42 0.00	36.32 -1.87 0.00
BARRETT_IC_1 23704	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01
BARRETT_IC_10 23701	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01
BARRETT_IC_11 23702	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01
BARRETT_IC_12 23703	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01
BARRETT_IC_2 23705	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01
BARRETT_IC_3 23706	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01
BARRETT_IC_4 23707	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01
BARRETT_IC_5 23708	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01

BARRETT_IC_6 23709	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01
BARRETT_IC_7 23710	42.85 1.77 0.00	40.77 1.23 0.00	38.85 1.02 0.00	37.17 0.84 0.00	37.61 0.88 0.00	39.28 0.92 0.00	43.90 1.28 0.00	51.83 1.70 0.00	49.95 2.11 0.00	45.00 1.86 0.00	38.72 2.23 -0.01	35.84 2.12 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.12 1.99 -0.01	45.17 2.72 -0.01	55.82 2.71 0.00	60.39 3.15 -0.01	57.34 2.89 0.00	50.06 2.61 0.00	44.03 2.30 0.00	40.33 2.14 -0.01
BARRETT_IC_8 23711	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01
BARRETT_IC_9 23700	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01
BARRETT__1 23545	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01
BARRETT__2 23546	42.94 1.85 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.02 1.40 0.00	51.83 1.71 0.00	50.10 2.25 0.00	45.09 1.94 0.00	38.72 2.23 -0.01	35.84 2.13 -0.01	32.11 1.90 0.00	31.21 2.07 -0.01	29.76 2.00 -0.01	30.84 2.04 -0.01	34.18 2.06 -0.01	45.17 2.72 -0.01	56.03 2.92 0.00	60.39 3.15 -0.01	57.34 2.88 0.00	50.06 2.61 0.00	44.24 2.50 0.00	40.56 2.37 -0.01
BATAVIA__115KV_TB1 55881	38.21 -2.88 0.00	38.04 -1.50 0.00	36.66 -1.17 0.00	35.68 -0.65 0.00	36.14 -0.59 0.00	37.02 -1.34 0.00	40.19 -2.43 0.00	46.81 -3.31 0.00	44.69 -3.16 0.00	40.73 -2.42 0.00	34.62 -1.86 0.00	31.38 -2.33 0.00	28.39 -1.81 0.00	27.27 -1.86 0.00	25.92 -1.83 0.00	27.06 -1.73 0.00	29.80 -2.31 0.00	38.96 -3.48 0.00	48.92 -4.20 0.00	52.43 -4.81 0.00	50.15 -4.30 0.11	43.41 -3.94 0.00	38.19 -3.55 0.00	35.32 -2.86 0.00
BAYONEEC__CTG1 323682	42.65 1.56 0.00	40.69 1.15 0.00	38.86 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.11 1.49 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.69 1.57 0.00	44.73 2.29 0.00	55.45 2.33 0.00	59.70 2.46 0.00	56.74 2.29 0.00	49.59 2.14 0.00	43.57 1.83 0.00	39.83 1.64 0.00
BAYONEEC__CTG10 323750	42.65 1.56 0.00	40.69 1.15 0.00	38.86 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.11 1.49 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.69 1.57 0.00	44.73 2.29 0.00	55.45 2.33 0.00	59.70 2.46 0.00	56.74 2.29 0.00	49.59 2.14 0.00	43.57 1.83 0.00	39.83 1.64 0.00
BAYONEEC__CTG2 323683	42.65 1.56 0.00	40.69 1.15 0.00	38.86 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.11 1.49 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.69 1.57 0.00	44.73 2.29 0.00	55.45 2.33 0.00	59.70 2.46 0.00	56.74 2.29 0.00	49.59 2.14 0.00	43.57 1.83 0.00	39.83 1.64 0.00
BAYONEEC__CTG3 323684	42.65 1.56 0.00	40.69 1.15 0.00	38.86 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.11 1.49 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.69 1.57 0.00	44.73 2.29 0.00	55.45 2.33 0.00	59.70 2.46 0.00	56.74 2.29 0.00	49.59 2.14 0.00	43.57 1.83 0.00	39.83 1.64 0.00
BAYONEEC__CTG4 323685	42.65 1.56 0.00	40.69 1.15 0.00	38.86 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.11 1.49 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.69 1.57 0.00	44.73 2.29 0.00	55.45 2.33 0.00	59.70 2.46 0.00	56.74 2.29 0.00	49.59 2.14 0.00	43.57 1.83 0.00	39.83 1.64 0.00
BAYONEEC__CTG5 323686	42.65 1.56 0.00	40.69 1.15 0.00	38.86 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.11 1.49 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.69 1.57 0.00	44.73 2.29 0.00	55.45 2.33 0.00	59.70 2.46 0.00	56.74 2.29 0.00	49.59 2.14 0.00	43.57 1.83 0.00	39.83 1.64 0.00
BAYONEEC__CTG6 323687	42.65 1.56 0.00	40.69 1.15 0.00	38.86 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.11 1.49 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.69 1.57 0.00	44.73 2.29 0.00	55.45 2.33 0.00	59.70 2.46 0.00	56.74 2.29 0.00	49.59 2.14 0.00	43.57 1.83 0.00	39.83 1.64 0.00
BAYONEEC__CTG7 323688	42.65 1.56 0.00	40.69 1.15 0.00	38.86 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.11 1.49 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.69 1.57 0.00	44.73 2.29 0.00	55.45 2.33 0.00	59.70 2.46 0.00	56.74 2.29 0.00	49.59 2.14 0.00	43.57 1.83 0.00	39.83 1.64 0.00

BAYONEEC___CTG8 323689	42.65 1.56 0.00	40.69 1.15 0.00	38.86 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.11 1.49 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.69 1.57 0.00	44.73 2.29 0.00	55.45 2.33 0.00	59.70 2.46 0.00	56.74 2.29 0.00	49.59 2.14 0.00	43.57 1.83 0.00	39.83 1.64 0.00
BAYONEEC___CTG9 323749	42.65 1.56 0.00	40.69 1.15 0.00	38.86 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.11 1.49 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.69 1.57 0.00	44.73 2.29 0.00	55.45 2.33 0.00	59.70 2.46 0.00	56.74 2.29 0.00	49.59 2.14 0.00	43.57 1.83 0.00	39.83 1.64 0.00
BEACON___LESR 323632	41.83 0.74 0.00	40.10 0.55 0.00	38.40 0.57 0.00	36.88 0.55 0.00	37.25 0.51 0.00	39.01 0.65 0.00	43.56 0.94 0.00	51.18 1.05 0.00	48.75 0.91 0.00	43.92 0.78 0.00	36.99 0.51 0.00	34.32 0.61 0.00	30.63 0.42 0.00	29.51 0.38 0.00	28.11 0.36 0.00	29.19 0.40 0.00	32.72 0.61 0.00	43.29 0.85 0.00	54.17 1.06 0.00	58.55 1.32 0.00	55.60 1.15 0.00	48.40 0.95 0.00	42.65 0.92 0.00	38.99 0.80 0.00
BEAVER RIVER___HYD 24048	41.54 0.45 0.00	39.74 0.20 0.00	37.99 0.15 0.00	36.56 0.22 0.00	36.88 0.15 0.00	38.44 0.08 0.00	42.79 0.17 0.00	50.47 0.35 0.00	47.90 0.05 0.00	42.93 -0.21 0.00	36.34 -0.15 0.00	33.41 -0.30 0.00	29.75 -0.45 0.00	28.58 -0.55 0.00	27.20 -0.55 0.00	28.32 -0.46 0.00	31.79 -0.32 0.00	42.32 -0.13 0.00	53.59 0.48 0.00	57.93 0.69 0.00	55.00 0.54 0.00	48.07 0.62 0.00	42.24 0.50 0.00	38.42 0.23 0.00
BEEBEE_GT_13 23619	39.57 -1.52 0.00	38.75 -0.79 0.00	37.27 -0.57 0.00	36.05 -0.29 0.00	36.47 -0.26 0.00	37.71 -0.65 0.00	41.43 -1.19 0.00	48.52 -1.60 0.00	46.41 -1.44 0.00	42.15 -0.99 0.00	35.75 -0.73 0.00	32.67 -1.05 0.00	29.42 -0.79 0.00	28.29 -0.84 0.00	26.89 -0.86 0.00	27.95 -0.83 0.00	31.02 -1.09 0.00	40.75 -1.70 0.00	51.20 -1.91 0.00	54.95 -2.29 0.00	52.44 -2.01 0.00	45.44 -2.04 0.00	39.98 -1.75 0.00	36.77 -1.41 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.89 1.81 0.00	40.97 1.42 0.00	39.04 1.21 0.00	37.17 0.84 0.00	37.61 0.88 0.00	39.51 1.15 0.00	44.28 1.66 0.00	51.93 1.80 0.00	50.10 2.25 0.00	45.43 2.29 0.00	38.45 1.97 0.00	35.53 1.82 0.00	31.89 1.69 0.00	31.03 1.89 0.00	29.64 1.89 0.00	30.66 1.87 0.00	33.91 1.80 0.00	45.24 2.80 0.00	55.50 2.39 0.00	59.76 2.52 0.00	56.91 2.45 0.00	50.02 2.56 0.00	43.86 2.13 0.00	39.94 1.76 0.00
BETHLEHEM___GRP 23843	41.29 0.21 0.00	39.62 0.08 0.00	37.91 0.08 0.00	36.37 0.04 0.00	36.73 0.00 0.00	38.52 0.15 0.00	42.92 0.30 0.00	50.42 0.30 0.00	48.09 0.24 0.00	43.27 0.13 0.00	36.52 0.04 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.25 0.12 0.00	27.87 0.11 0.00	28.93 0.14 0.00	32.37 0.26 0.00	42.74 0.30 0.00	53.38 0.27 0.00	57.64 0.40 0.00	54.78 0.33 0.00	47.69 0.24 0.00	42.07 0.33 0.00	38.49 0.31 0.00
BETHLEHEM___GS1 323560	41.29 0.21 0.00	39.58 0.04 0.00	37.91 0.08 0.00	36.37 0.04 0.00	36.77 0.04 0.00	38.48 0.12 0.00	42.92 0.30 0.00	50.42 0.30 0.00	48.09 0.24 0.00	43.27 0.13 0.00	36.52 0.04 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.25 0.12 0.00	27.87 0.11 0.00	28.93 0.14 0.00	32.37 0.26 0.00	42.78 0.34 0.00	53.38 0.27 0.00	57.64 0.40 0.00	54.78 0.33 0.00	47.74 0.29 0.00	42.07 0.33 0.00	38.46 0.27 0.00
BETHLEHEM___GS2 323561	41.29 0.21 0.00	39.58 0.04 0.00	37.91 0.08 0.00	36.37 0.04 0.00	36.77 0.04 0.00	38.48 0.12 0.00	42.92 0.30 0.00	50.42 0.30 0.00	48.09 0.24 0.00	43.27 0.13 0.00	36.52 0.04 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.25 0.12 0.00	27.87 0.11 0.00	28.93 0.14 0.00	32.37 0.26 0.00	42.78 0.34 0.00	53.38 0.27 0.00	57.64 0.40 0.00	54.78 0.33 0.00	47.74 0.29 0.00	42.07 0.33 0.00	38.46 0.27 0.00
BETHLEHEM___GS3 323562	41.29 0.21 0.00	39.58 0.04 0.00	37.91 0.08 0.00	36.37 0.04 0.00	36.77 0.04 0.00	38.48 0.12 0.00	42.92 0.30 0.00	50.42 0.30 0.00	48.09 0.24 0.00	43.27 0.13 0.00	36.52 0.04 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.25 0.12 0.00	27.87 0.11 0.00	28.93 0.14 0.00	32.37 0.26 0.00	42.78 0.34 0.00	53.38 0.27 0.00	57.64 0.40 0.00	54.78 0.33 0.00	47.74 0.29 0.00	42.07 0.33 0.00	38.46 0.27 0.00
BETHLEHEM___STEEL 23779	37.59 -3.49 0.00	37.53 -2.02 0.00	36.17 -1.66 0.00	35.14 -1.20 0.00	35.70 -1.03 0.00	36.41 -1.96 0.00	39.42 -3.20 0.00	45.91 -4.21 0.00	43.83 -4.02 0.00	39.95 -3.19 0.00	34.11 -2.37 0.00	30.95 -2.76 0.00	28.09 -2.11 0.00	27.04 -2.10 0.00	25.73 -2.03 0.00	26.83 -1.96 0.00	29.42 -2.70 0.00	38.33 -4.12 0.00	47.75 -5.36 0.00	51.23 -6.01 0.00	48.95 -5.50 0.00	42.09 -5.27 0.10	37.27 -4.47 0.00	34.60 -3.59 0.00
BETHLHEM_115KV_TB1 79974	41.37 0.29 0.00	39.70 0.16 0.00	37.95 0.11 0.00	36.45 0.11 0.00	36.81 0.07 0.00	38.56 0.19 0.00	42.96 0.34 0.00	50.52 0.40 0.00	48.18 0.33 0.00	43.36 0.22 0.00	36.59 0.11 0.00	33.98 0.27 0.00	30.38 0.18 0.00	29.31 0.17 0.00	27.92 0.17 0.00	28.99 0.20 0.00	32.44 0.32 0.00	42.83 0.38 0.00	53.48 0.37 0.00	57.75 0.52 0.00	54.89 0.44 0.00	47.79 0.33 0.00	42.11 0.38 0.00	38.57 0.38 0.00
BETHPAGE_CC_5 323564	43.26 2.18 0.00	41.08 1.54 0.00	39.12 1.29 0.00	37.35 1.02 0.00	37.80 1.07 0.00	39.59 1.23 0.00	44.41 1.79 0.00	52.23 2.10 0.00	50.57 2.73 0.00	45.47 2.33 0.00	38.90 2.41 -0.01	35.98 2.26 -0.01	32.20 1.99 0.00	31.30 2.16 -0.01	29.90 2.14 -0.01	30.95 2.16 -0.01	34.37 2.25 -0.01	45.51 3.06 -0.01	56.41 3.29 0.00	60.85 3.61 -0.01	57.72 3.27 0.00	50.40 2.94 0.00	44.36 2.63 0.00	40.64 2.45 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.80 -3.29 0.00	37.65 -1.90 0.00	36.32 -1.51 0.00	35.28 -1.05 0.00	35.85 -0.88 0.00	36.56 -1.80 0.00	39.64 -2.98 0.00	46.11 -4.01 0.00	44.02 -3.83 0.00	40.12 -3.02 0.00	34.26 -2.23 0.00	31.08 -2.63 0.00	28.24 -1.96 0.00	27.15 -1.98 0.00	25.84 -1.92 0.00	26.97 -1.81 0.00	29.55 -2.57 0.00	38.50 -3.95 0.00	48.01 -5.10 0.00	51.46 -5.78 0.00	49.23 -5.23 0.00	42.33 -5.03 0.10	37.44 -4.30 0.00	34.71 -3.47 0.00
BINGHAMTON___COGEN 23790	40.88 -0.21 0.00	39.58 0.04 0.00	37.91 0.08 0.00	36.48 0.15 0.00	36.92 0.18 0.00	38.36 0.00 0.00	42.49 -0.13 0.00	49.87 -0.25 0.00	47.61 -0.24 0.00	43.01 -0.13 0.00	36.45 -0.04 0.00	33.51 -0.20 0.00	30.08 -0.12 0.00	28.99 -0.15 0.00	27.59 -0.17 0.00	28.70 -0.09 0.00	31.95 -0.16 0.00	42.19 -0.25 0.00	52.90 -0.21 0.00	56.89 -0.34 0.00	54.24 -0.22 0.00	47.10 -0.33 0.02	41.40 -0.33 0.00	37.96 -0.23 0.00

BIXINCNT_115KV_LOAD 355685	38.25 -2.83 0.00	38.04 -1.50 0.00	36.66 -1.17 0.00	35.61 -0.73 0.00	36.18 -0.55 0.00	36.91 -1.46 0.00	40.15 -2.47 0.00	46.81 -3.31 0.00	44.69 -3.16 0.00	40.64 -2.50 0.00	34.70 -1.79 0.00	31.45 -2.26 0.00	28.57 -1.63 0.00	27.50 -1.63 0.00	26.17 -1.58 0.00	27.32 -1.47 0.00	29.93 -2.18 0.00	39.01 -3.44 0.00	48.70 -4.41 0.00	52.26 -4.98 0.00	49.93 -4.52 0.00	42.95 -4.41 0.09	37.77 -3.96 0.00	34.79 -3.40 0.00
BLACK RIVER___HYD 24047	41.91 0.82 0.00	40.06 0.51 0.00	38.29 0.46 0.00	36.88 0.55 0.00	37.17 0.44 0.00	38.79 0.42 0.00	43.26 0.64 0.00	51.07 0.95 0.00	48.38 0.53 0.00	43.27 0.13 0.00	36.56 0.07 0.00	33.54 -0.17 0.00	29.78 -0.42 0.00	28.61 -0.52 0.00	27.20 -0.55 0.00	28.38 -0.40 0.00	31.96 -0.16 0.00	42.70 0.26 0.00	54.38 1.27 0.00	58.90 1.66 0.00	55.87 1.41 0.00	48.78 1.33 0.00	42.73 1.00 0.00	38.80 0.61 0.00
BLACKRVR_115KV_TB2 79977	41.91 0.82 0.00	40.06 0.51 0.00	38.29 0.45 0.00	36.88 0.55 0.00	37.17 0.44 0.00	38.79 0.42 0.00	43.26 0.64 0.00	51.07 0.95 0.00	48.37 0.53 0.00	43.27 0.13 0.00	36.56 0.07 0.00	33.54 -0.17 0.00	29.78 -0.42 0.00	28.61 -0.52 0.00	27.20 -0.56 0.00	28.38 -0.40 0.00	31.95 -0.16 0.00	42.70 0.25 0.00	54.44 1.33 0.00	58.90 1.66 0.00	55.87 1.42 0.00	48.78 1.33 0.00	42.74 1.00 0.00	38.80 0.61 0.00
BLDWN_LI_69_KV_BK4 356085	43.10 2.01 0.00	40.97 1.42 0.00	39.01 1.17 0.00	37.25 0.91 0.00	37.72 0.99 0.00	39.44 1.07 0.00	44.20 1.58 0.00	52.18 2.05 0.00	50.29 2.44 0.00	45.30 2.16 0.00	38.87 2.37 -0.01	35.98 2.26 -0.01	32.20 1.99 0.00	31.33 2.19 -0.01	29.88 2.11 -0.01	30.95 2.16 -0.01	34.28 2.15 -0.01	45.47 3.01 -0.01	56.25 3.13 0.00	60.91 3.66 -0.01	57.78 3.32 0.00	50.40 2.94 0.00	44.32 2.59 0.00	40.53 2.33 -0.01
BLISS_WT_PWR 323608	38.21 -2.88 0.00	38.20 -1.34 0.00	36.66 -1.17 0.00	35.50 -0.83 0.00	36.07 -0.66 0.00	36.91 -1.46 0.00	40.06 -2.56 0.00	46.81 -3.31 0.00	44.69 -3.16 0.00	40.64 -2.50 0.00	34.70 -1.79 0.00	31.48 -2.23 0.00	28.60 -1.60 0.00	27.53 -1.60 0.00	26.20 -1.55 0.00	27.35 -1.44 0.00	29.99 -2.12 0.00	39.05 -3.40 0.00	48.76 -4.35 0.00	52.26 -4.98 0.00	49.99 -4.46 0.00	42.90 -4.46 0.09	37.60 -4.13 0.00	34.67 -3.51 0.00
BLUESTONE___WT_PWR 323821	42.32 1.23 0.00	40.65 1.11 0.00	38.89 1.06 0.00	37.32 0.98 0.00	37.72 0.99 0.00	39.40 1.04 0.00	43.86 1.24 0.00	51.68 1.56 0.00	49.33 1.48 0.00	44.35 1.21 0.00	37.50 1.02 0.00	34.49 0.78 0.00	30.81 0.60 0.00	29.75 0.61 0.00	28.34 0.58 0.00	29.47 0.69 0.00	32.98 0.87 0.00	43.93 1.48 0.00	55.34 2.23 0.00	59.64 2.40 0.00	56.69 2.23 0.00	49.26 1.80 0.00	43.11 1.38 0.00	39.33 1.14 0.00
BLUE_CIRC_CHEM_DRP 24182	41.83 0.74 0.00	40.18 0.63 0.00	38.44 0.61 0.00	36.88 0.55 0.00	37.28 0.55 0.00	39.05 0.69 0.00	43.52 0.90 0.00	51.07 0.95 0.00	48.61 0.77 0.00	43.70 0.56 0.00	36.81 0.33 0.00	34.08 0.37 0.00	30.44 0.24 0.00	29.37 0.23 0.00	27.98 0.22 0.00	29.01 0.23 0.00	32.50 0.39 0.00	43.16 0.72 0.00	54.01 0.90 0.00	58.44 1.20 0.00	55.54 1.09 0.00	48.36 0.90 0.00	42.57 0.83 0.00	38.99 0.80 0.00
BOC_GAS_DRP 24189	41.46 0.37 0.00	39.82 0.28 0.00	38.10 0.26 0.00	36.52 0.18 0.00	36.92 0.18 0.00	38.67 0.31 0.00	43.09 0.47 0.00	50.67 0.55 0.00	48.33 0.48 0.00	43.53 0.39 0.00	36.74 0.26 0.00	34.08 0.37 0.00	30.50 0.30 0.00	29.45 0.32 0.00	28.09 0.33 0.00	29.13 0.35 0.00	32.50 0.39 0.00	43.00 0.55 0.00	53.64 0.53 0.00	57.92 0.69 0.00	55.11 0.65 0.00	47.98 0.52 0.00	42.23 0.50 0.00	38.64 0.46 0.00
BOONVILLE_115KV_TB1 79983	41.78 0.70 0.00	40.10 0.55 0.00	38.36 0.53 0.00	36.88 0.55 0.00	37.25 0.51 0.00	38.90 0.54 0.00	43.26 0.64 0.00	51.02 0.90 0.00	48.57 0.72 0.00	43.62 0.47 0.00	36.88 0.40 0.00	33.98 0.27 0.00	30.32 0.12 0.00	29.19 0.06 0.00	27.78 0.03 0.00	28.90 0.12 0.00	32.34 0.22 0.00	42.95 0.51 0.00	54.12 1.01 0.00	58.44 1.20 0.00	55.49 1.03 0.00	48.40 0.95 0.00	42.49 0.75 0.00	38.76 0.57 0.00
BORALEX_4TH_BRANCH 23824	41.87 0.78 0.00	40.26 0.71 0.00	38.44 0.61 0.00	36.88 0.55 0.00	37.25 0.51 0.00	39.13 0.77 0.00	43.86 1.24 0.00	51.63 1.50 0.00	48.95 1.10 0.00	43.96 0.82 0.00	36.96 0.47 0.00	34.38 0.67 0.00	30.75 0.54 0.00	29.66 0.52 0.00	28.25 0.50 0.00	29.48 0.69 0.00	33.01 0.90 0.00	43.46 1.02 0.00	54.33 1.22 0.00	58.78 1.55 0.00	55.87 1.42 0.00	48.59 1.14 0.00	42.78 1.04 0.00	39.18 0.99 0.00
BOWLINE___1 23526	42.24 1.15 0.00	40.38 0.83 0.00	38.55 0.72 0.00	36.85 0.51 0.00	37.25 0.51 0.00	39.09 0.73 0.00	43.73 1.11 0.00	51.38 1.25 0.00	49.33 1.48 0.00	44.48 1.34 0.00	37.65 1.17 0.00	34.82 1.11 0.00	31.23 1.03 0.00	30.27 1.14 0.00	28.89 1.14 0.00	29.91 1.12 0.00	33.27 1.15 0.00	44.18 1.74 0.00	54.92 1.81 0.00	59.24 2.00 0.00	56.31 1.85 0.00	49.07 1.61 0.00	43.11 1.38 0.00	39.44 1.26 0.00
BOWLINE___2 23595	42.24 1.15 0.00	40.38 0.83 0.00	38.55 0.72 0.00	36.85 0.51 0.00	37.25 0.51 0.00	39.09 0.73 0.00	43.73 1.11 0.00	51.38 1.25 0.00	49.33 1.48 0.00	44.48 1.34 0.00	37.65 1.17 0.00	34.82 1.11 0.00	31.23 1.03 0.00	30.27 1.14 0.00	28.89 1.14 0.00	29.91 1.12 0.00	33.27 1.15 0.00	44.18 1.74 0.00	54.92 1.81 0.00	59.24 2.00 0.00	56.31 1.85 0.00	49.07 1.61 0.00	43.11 1.38 0.00	39.44 1.26 0.00
BRADY___115KV_TB2 356060	42.03 0.94 0.00	40.22 0.67 0.00	38.40 0.57 0.00	36.92 0.58 0.00	37.25 0.51 0.00	38.82 0.46 0.00	43.13 0.51 0.00	50.62 0.50 0.00	48.18 0.33 0.00	43.27 0.13 0.00	36.59 0.11 0.00	33.71 0.00 0.00	30.11 -0.09 0.00	28.96 -0.17 0.00	27.62 -0.14 0.00	28.70 -0.09 0.00	32.18 0.06 0.00	42.70 0.25 0.00	53.59 0.48 0.00	57.64 0.40 0.00	54.89 0.44 0.00	48.26 0.81 0.00	42.44 0.71 0.00	38.64 0.46 0.00
BRANSCOMB___SOLAR 323811	42.32 1.23 0.00	40.57 1.03 0.00	38.86 1.02 0.00	37.32 0.98 0.00	37.69 0.95 0.00	39.51 1.15 0.00	44.20 1.58 0.00	51.92 1.80 0.00	49.28 1.43 0.00	44.35 1.21 0.00	37.25 0.77 0.00	34.42 0.71 0.00	30.63 0.42 0.00	29.48 0.35 0.00	28.06 0.31 0.00	29.13 0.35 0.00	32.72 0.61 0.00	43.46 1.02 0.00	54.65 1.54 0.00	59.24 2.00 0.00	56.31 1.85 0.00	49.02 1.56 0.00	43.11 1.38 0.00	39.41 1.22 0.00
BRDGHMPT_69_KV_BK1 55812	43.18 2.10 0.00	40.85 1.30 0.00	38.82 0.98 0.00	37.03 0.69 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.45 1.83 0.00	52.73 2.61 0.00	50.96 3.11 0.00	45.73 2.59 0.00	39.88 3.39 -0.01	36.82 3.10 -0.01	32.92 2.72 0.00	32.23 3.09 -0.01	30.82 3.05 -0.01	32.05 3.25 -0.01	35.50 3.37 -0.01	46.87 4.41 -0.01	57.84 4.73 0.00	62.57 5.32 -0.01	59.19 4.74 0.00	51.53 4.08 0.00	45.20 3.46 0.00	41.29 3.09 -0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	43.47 2.38 0.00	41.24 1.70 0.00	39.23 1.40 0.00	37.43 1.09 0.00	37.87 1.14 0.00	39.67 1.30 0.00	44.54 1.92 0.00	52.58 2.46 0.00	50.72 2.87 0.00	45.65 2.50 0.00	39.30 2.81 -0.01	36.31 2.60 -0.01	32.47 2.27 0.00	31.65 2.51 -0.01	30.21 2.44 -0.01	31.30 2.50 -0.01	34.66 2.54 -0.01	46.02 3.57 0.00	56.72 3.61 0.00	61.48 4.24 -0.01	58.32 3.87 0.00	50.87 3.42 0.00	44.78 3.05 0.00	40.91 2.71 -0.01
BRISTLHL_115KV_TB1 79998	40.35 -0.74 0.00	38.95 -0.59 0.00	37.30 -0.53 0.00	35.87 -0.47 0.00	36.25 -0.48 0.00	37.79 -0.58 0.00	41.90 -0.72 0.00	49.32 -0.80 0.00	47.08 -0.77 0.00	42.54 -0.60 0.00	36.01 -0.47 0.00	33.17 -0.54 0.00	29.75 -0.45 0.00	28.67 -0.47 0.00	27.28 -0.47 0.00	28.30 -0.49 0.00	31.57 -0.55 0.00	41.64 -0.81 0.00	52.26 -0.85 0.00	56.26 -0.97 0.00	53.58 -0.87 0.00	46.60 -0.85 0.00	40.98 -0.75 0.00	37.54 -0.65 0.00
BROOKHAVEN__DRP 24191	43.18 2.10 0.00	40.93 1.38 0.00	38.89 1.06 0.00	37.10 0.76 0.00	37.58 0.84 0.00	39.36 1.00 0.00	44.24 1.62 0.00	52.33 2.21 0.00	50.48 2.63 0.00	45.39 2.24 0.00	39.37 2.88 -0.01	36.38 2.66 -0.01	32.50 2.30 0.00	31.76 2.62 -0.01	30.32 2.55 -0.01	31.47 2.68 -0.01	34.79 2.67 -0.01	45.97 3.52 0.00	56.72 3.61 0.00	61.48 4.24 -0.01	58.27 3.81 0.00	50.78 3.32 0.00	44.61 2.88 0.00	40.79 2.60 -0.01
BROOKLYN_NAVY_YARD 23515	42.56 1.48 0.00	40.61 1.07 0.00	38.78 0.95 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.32 0.96 0.00	44.02 1.40 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.09 1.60 0.00	35.23 1.52 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.66 1.54 0.00	44.73 2.29 0.00	55.45 2.33 0.00	59.70 2.46 0.00	56.79 2.34 0.00	49.59 2.14 0.00	43.53 1.79 0.00	39.79 1.60 0.00
BROOKLYN__ARMY_DRP 323595	42.77 1.68 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.15 1.53 0.00	51.73 1.60 0.00	49.91 2.06 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.78 1.67 0.00	45.07 2.63 0.00	55.29 2.18 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.74 2.00 0.00	39.79 1.60 0.00
BROOME_2_LFGE 323671	40.88 -0.20 0.00	39.62 0.08 0.00	37.91 0.08 0.00	36.45 0.11 0.00	36.88 0.15 0.00	38.36 0.00 0.00	42.45 -0.17 0.00	49.87 -0.25 0.00	47.61 -0.24 0.00	43.01 -0.13 0.00	36.45 -0.04 0.00	33.51 -0.20 0.00	30.08 -0.12 0.00	28.99 -0.14 0.00	27.59 -0.17 0.00	28.70 -0.09 0.00	31.96 -0.16 0.00	42.19 -0.25 0.00	52.90 -0.21 0.00	56.90 -0.34 0.00	54.24 -0.22 0.00	47.11 -0.33 0.02	41.36 -0.38 0.00	38.00 -0.19 0.00
BROOME__LFGE 323600	40.88 -0.20 0.00	39.62 0.08 0.00	37.91 0.08 0.00	36.45 0.11 0.00	36.88 0.15 0.00	38.36 0.00 0.00	42.45 -0.17 0.00	49.87 -0.25 0.00	47.61 -0.24 0.00	43.01 -0.13 0.00	36.45 -0.04 0.00	33.51 -0.20 0.00	30.08 -0.12 0.00	28.99 -0.14 0.00	27.59 -0.17 0.00	28.70 -0.09 0.00	31.96 -0.16 0.00	42.19 -0.25 0.00	52.90 -0.21 0.00	56.90 -0.34 0.00	54.24 -0.22 0.00	47.11 -0.33 0.02	41.36 -0.38 0.00	38.00 -0.19 0.00
BROWNFLS_115KV_TB 3_5 80003	41.00 -0.08 0.00	39.23 -0.32 0.00	37.45 -0.38 0.00	36.01 -0.33 0.00	36.33 -0.40 0.00	37.90 -0.46 0.00	42.19 -0.43 0.00	49.67 -0.45 0.00	47.23 -0.62 0.00	42.37 -0.78 0.00	35.86 -0.62 0.00	33.00 -0.71 0.00	29.39 -0.82 0.00	28.26 -0.87 0.00	26.92 -0.83 0.00	28.01 -0.78 0.00	31.41 -0.71 0.00	41.76 -0.68 0.00	52.69 -0.42 0.00	56.84 -0.40 0.00	54.02 -0.44 0.00	47.31 -0.14 0.00	41.61 -0.13 0.00	37.80 -0.38 0.00
BROWNSV1_27_KV_LOAD 356125	42.89 1.81 0.00	40.97 1.42 0.00	39.08 1.25 0.00	37.28 0.94 0.00	37.72 0.99 0.00	39.59 1.23 0.00	44.37 1.75 0.00	52.23 2.11 0.00	50.19 2.34 0.00	45.34 2.20 0.00	38.38 1.90 0.00	35.50 1.79 0.00	31.83 1.63 0.00	30.97 1.84 0.00	29.53 1.78 0.00	30.57 1.78 0.00	33.85 1.73 0.00	45.07 2.63 0.00	55.71 2.60 0.00	60.16 2.92 0.00	57.23 2.78 0.00	49.92 2.47 0.00	43.82 2.09 0.00	39.94 1.76 0.00
BURROWS__LYONSDAL 23803	41.74 0.66 0.00	40.02 0.47 0.00	38.29 0.45 0.00	36.81 0.47 0.00	37.17 0.44 0.00	38.79 0.42 0.00	43.17 0.55 0.00	50.92 0.80 0.00	48.42 0.57 0.00	43.49 0.35 0.00	36.77 0.29 0.00	33.84 0.13 0.00	30.20 0.00 0.00	29.08 -0.06 0.00	27.67 -0.08 0.00	28.76 -0.03 0.00	32.24 0.13 0.00	42.83 0.38 0.00	54.01 0.90 0.00	58.32 1.09 0.00	55.38 0.93 0.00	48.36 0.90 0.00	42.44 0.71 0.00	38.68 0.50 0.00
CAITHNESS_CC_1 323624	43.34 2.26 0.00	41.08 1.54 0.00	39.08 1.25 0.00	37.28 0.94 0.00	37.76 1.03 0.00	39.55 1.19 0.00	44.45 1.83 0.00	52.32 2.20 0.00	50.72 2.87 0.00	45.51 2.37 0.00	39.34 2.85 -0.01	36.35 2.63 -0.01	32.50 2.29 0.00	31.62 2.47 -0.01	30.29 2.53 -0.01	31.33 2.53 -0.01	34.82 2.70 -0.01	46.02 3.57 -0.01	56.94 3.83 0.00	61.42 4.18 -0.01	58.27 3.81 0.00	50.77 3.32 0.00	44.70 2.96 0.00	40.91 2.71 -0.01
CALPINE BETH_PAGE_GT4 24209	43.06 1.97 0.00	40.89 1.34 0.00	38.93 1.10 0.00	37.14 0.80 0.00	37.61 0.88 0.00	39.36 1.00 0.00	44.15 1.53 0.00	52.08 1.95 0.00	50.24 2.39 0.00	45.26 2.11 0.00	38.86 2.37 -0.01	35.95 2.22 -0.01	32.17 1.96 0.00	31.30 2.16 -0.01	29.85 2.08 -0.01	30.93 2.13 -0.01	34.28 2.15 -0.01	45.38 2.93 -0.01	56.03 2.92 0.00	60.68 3.43 -0.01	57.61 3.16 0.00	50.25 2.80 0.00	44.15 2.42 0.00	40.49 2.29 -0.01
CALPINE_BETH_PAGE_GT_4 323586	43.22 2.14 0.00	41.05 1.50 0.00	39.08 1.25 0.00	37.32 0.98 0.00	37.76 1.03 0.00	39.59 1.23 0.00	44.37 1.75 0.00	52.23 2.10 0.00	50.53 2.68 0.00	45.43 2.29 0.00	38.86 2.37 -0.01	35.95 2.22 -0.01	32.16 1.96 0.00	31.27 2.13 -0.01	29.85 2.08 -0.01	30.93 2.13 -0.01	34.31 2.18 -0.01	45.38 2.93 -0.01	56.24 3.13 0.00	60.68 3.43 -0.01	57.61 3.16 0.00	50.25 2.80 0.00	44.28 2.55 0.00	40.60 2.41 -0.01
CALPINE_BP_GT1 23823	43.22 2.14 0.00	41.05 1.50 0.00	39.08 1.25 0.00	37.32 0.98 0.00	37.76 1.03 0.00	39.59 1.23 0.00	44.37 1.75 0.00	52.23 2.10 0.00	50.53 2.68 0.00	45.43 2.29 0.00	38.86 2.37 -0.01	35.95 2.22 -0.01	32.16 1.96 0.00	31.27 2.13 -0.01	29.85 2.08 -0.01	30.93 2.13 -0.01	34.31 2.18 -0.01	45.38 2.93 -0.01	56.24 3.13 0.00	60.68 3.43 -0.01	57.61 3.16 0.00	50.25 2.80 0.00	44.28 2.55 0.00	40.60 2.41 -0.01
CALSPAN__DRP 24200	37.59 -3.49 0.00	37.53 -2.02 0.00	36.17 -1.66 0.00	35.14 -1.20 0.00	35.70 -1.03 0.00	36.41 -1.96 0.00	39.42 -3.20 0.00	45.91 -4.21 0.00	43.83 -4.02 0.00	39.95 -3.19 0.00	34.11 -2.37 0.00	30.95 -2.76 0.00	28.09 -2.11 0.00	27.04 -2.10 0.00	25.73 -2.03 0.00	26.83 -1.96 0.00	29.42 -2.70 0.00	38.33 -4.12 0.00	47.75 -5.36 0.00	51.23 -6.01 0.00	48.95 -5.50 0.00	42.09 -5.27 0.10	37.27 -4.47 0.00	34.60 -3.59 0.00

CALVERTON__SOLAR 323806	43.30 2.22 0.00	40.97 1.42 0.00	39.01 1.17 0.00	37.21 0.87 0.00	37.65 0.92 0.00	39.48 1.11 0.00	44.37 1.75 0.00	52.32 2.20 0.00	50.72 2.87 0.00	45.47 2.33 0.00	39.41 2.92 -0.01	36.42 2.70 -0.01	32.53 2.33 0.00	31.68 2.53 -0.01	30.37 2.61 -0.01	31.44 2.65 -0.01	34.92 2.79 -0.01	46.06 3.61 0.00	56.99 3.88 0.00	61.54 4.29 -0.01	58.32 3.87 0.00	50.82 3.37 0.00	44.74 3.01 0.00	40.95 2.75 -0.01
CANDIGU_WT_PWR 323617	39.32 -1.77 0.00	38.75 -0.79 0.00	37.15 -0.68 0.00	35.87 -0.47 0.00	36.36 -0.37 0.00	37.48 -0.88 0.00	41.00 -1.62 0.00	48.12 -2.01 0.00	45.93 -1.92 0.00	41.63 -1.51 0.00	35.39 -1.09 0.00	32.30 -1.41 0.00	29.12 -1.09 0.00	28.00 -1.14 0.00	26.62 -1.14 0.00	27.69 -1.09 0.00	30.67 -1.44 0.00	40.28 -2.16 0.00	50.56 -2.55 0.00	54.26 -2.98 0.00	51.84 -2.61 0.00	44.80 -2.61 0.05	39.31 -2.42 0.00	36.32 -1.87 0.00
CARR STREET_E_SYR 24060	40.72 -0.37 0.00	39.35 -0.20 0.00	37.68 -0.15 0.00	36.23 -0.11 0.00	36.62 -0.11 0.00	38.17 -0.19 0.00	42.28 -0.34 0.00	49.82 -0.30 0.00	47.56 -0.29 0.00	42.97 -0.17 0.00	36.37 -0.11 0.00	33.51 -0.20 0.00	30.05 -0.15 0.00	28.96 -0.17 0.00	27.56 -0.19 0.00	28.58 -0.20 0.00	31.86 -0.26 0.00	42.06 -0.38 0.00	52.74 -0.37 0.00	56.78 -0.46 0.00	54.08 -0.38 0.00	47.03 -0.43 0.00	41.32 -0.42 0.00	37.88 -0.31 0.00
CARTHAGE__PAPER 23857	41.70 0.62 0.00	39.86 0.31 0.00	38.10 0.27 0.00	36.66 0.33 0.00	36.99 0.26 0.00	38.59 0.23 0.00	43.00 0.38 0.00	50.73 0.60 0.00	48.09 0.24 0.00	43.06 -0.09 0.00	36.37 -0.11 0.00	33.41 -0.30 0.00	29.72 -0.48 0.00	28.55 -0.58 0.00	27.17 -0.58 0.00	28.32 -0.46 0.00	31.83 -0.29 0.00	42.49 0.04 0.00	53.91 0.80 0.00	58.38 1.14 0.00	55.38 0.92 0.00	48.40 0.95 0.00	42.44 0.71 0.00	38.57 0.38 0.00
CASSADAGA_WT_PWR 323784	38.17 -2.92 0.00	38.20 -1.34 0.00	36.59 -1.25 0.00	35.47 -0.87 0.00	36.11 -0.62 0.00	36.91 -1.46 0.00	40.11 -2.51 0.00	46.91 -3.21 0.00	44.88 -2.97 0.00	40.77 -2.37 0.00	34.84 -1.64 0.00	31.55 -2.16 0.00	28.66 -1.54 0.00	27.59 -1.54 0.00	26.23 -1.53 0.00	27.43 -1.35 0.00	30.09 -2.02 0.00	39.18 -3.27 0.00	48.91 -4.20 0.00	52.43 -4.81 0.00	50.05 -4.41 0.00	42.81 -4.56 0.09	37.56 -4.17 0.00	34.71 -3.47 0.00
CE_DUNWOOD__DRP 24194	42.48 1.40 0.00	40.61 1.07 0.00	38.74 0.91 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.28 0.92 0.00	43.94 1.32 0.00	51.73 1.60 0.00	49.67 1.82 0.00	44.83 1.68 0.00	37.94 1.46 0.00	35.09 1.38 0.00	31.47 1.27 0.00	30.53 1.40 0.00	29.12 1.36 0.00	30.17 1.38 0.00	33.46 1.35 0.00	44.48 2.04 0.00	55.18 2.07 0.00	59.58 2.35 0.00	56.69 2.23 0.00	49.40 1.95 0.00	43.36 1.63 0.00	39.56 1.37 0.00
CE_MILLWOOD__DRP 24193	42.40 1.31 0.00	40.53 0.99 0.00	38.67 0.83 0.00	36.96 0.62 0.00	37.36 0.62 0.00	39.21 0.84 0.00	43.86 1.24 0.00	51.63 1.50 0.00	49.57 1.72 0.00	44.70 1.55 0.00	37.87 1.39 0.00	35.02 1.31 0.00	31.38 1.18 0.00	30.44 1.31 0.00	29.03 1.28 0.00	30.08 1.30 0.00	33.37 1.25 0.00	44.40 1.95 0.00	55.08 1.97 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.30 1.85 0.00	43.28 1.54 0.00	39.48 1.30 0.00
CE_NYC2_DRP 24202	42.73 1.64 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.15 1.53 0.00	51.83 1.70 0.00	49.91 2.06 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.74 1.54 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.72 1.61 0.00	44.95 2.50 0.00	55.34 2.23 0.00	59.70 2.46 0.00	56.80 2.34 0.00	49.73 2.28 0.00	43.65 1.92 0.00	39.75 1.57 0.00
CE_NYC_DRP 24195	42.65 1.56 0.00	40.73 1.19 0.00	38.85 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.07 1.45 0.00	51.88 1.75 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.16 1.68 0.00	35.29 1.58 0.00	31.65 1.45 0.00	30.77 1.63 0.00	29.34 1.58 0.00	30.40 1.61 0.00	33.62 1.51 0.00	44.78 2.33 0.00	55.34 2.23 0.00	59.76 2.52 0.00	56.85 2.40 0.00	49.64 2.18 0.00	43.57 1.84 0.00	39.71 1.53 0.00
CHAFFEE__LFGE 323603	37.76 -3.33 0.00	37.81 -1.74 0.00	36.25 -1.59 0.00	35.14 -1.20 0.00	35.70 -1.03 0.00	36.48 -1.88 0.00	39.47 -3.15 0.00	46.06 -4.06 0.00	43.97 -3.87 0.00	40.08 -3.06 0.00	34.22 -2.26 0.00	31.05 -2.66 0.00	28.18 -2.02 0.00	27.15 -1.98 0.00	25.81 -1.94 0.00	26.97 -1.81 0.00	29.58 -2.54 0.00	38.45 -3.99 0.00	47.96 -5.15 0.00	51.46 -5.78 0.00	49.17 -5.28 0.00	42.23 -5.13 0.09	37.23 -4.51 0.00	34.67 -3.51 0.00
CHATEAUG_35_KV_LOAD 355732	41.91 0.82 0.00	40.18 0.63 0.00	38.36 0.53 0.00	36.88 0.55 0.00	37.21 0.48 0.00	38.79 0.42 0.00	43.09 0.47 0.00	50.57 0.45 0.00	48.23 0.38 0.00	43.49 0.35 0.00	36.77 0.29 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.19 0.06 0.00	27.84 0.08 0.00	28.90 0.12 0.00	32.34 0.22 0.00	42.78 0.34 0.00	53.59 0.48 0.00	57.69 0.46 0.00	54.94 0.49 0.00	48.17 0.71 0.00	42.36 0.63 0.00	38.61 0.42 0.00
CHATEAUG_WT_PWR 323614	41.78 0.70 0.00	40.06 0.51 0.00	38.29 0.46 0.00	36.78 0.44 0.00	37.14 0.40 0.00	38.71 0.34 0.00	42.96 0.34 0.00	50.47 0.35 0.00	48.19 0.34 0.00	43.40 0.26 0.00	36.74 0.26 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.16 0.03 0.00	27.81 0.06 0.00	28.87 0.09 0.00	32.31 0.19 0.00	42.74 0.30 0.00	53.32 0.21 0.00	57.52 0.29 0.00	54.78 0.33 0.00	48.03 0.57 0.00	42.24 0.50 0.00	38.53 0.34 0.00
CHAT_HIGH_FALL_HYD 323578	41.91 0.82 0.00	40.18 0.63 0.00	38.36 0.53 0.00	36.88 0.55 0.00	37.21 0.48 0.00	38.79 0.42 0.00	43.09 0.47 0.00	50.57 0.45 0.00	48.23 0.38 0.00	43.49 0.35 0.00	36.77 0.29 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.19 0.06 0.00	27.84 0.08 0.00	28.90 0.12 0.00	32.34 0.22 0.00	42.78 0.34 0.00	53.59 0.48 0.00	57.69 0.46 0.00	54.94 0.49 0.00	48.17 0.71 0.00	42.36 0.63 0.00	38.61 0.42 0.00
CHAUTAUQUA__LFGE 323629	37.96 -3.12 0.00	37.96 -1.58 0.00	36.40 -1.44 0.00	35.25 -1.09 0.00	35.85 -0.88 0.00	36.68 -1.69 0.00	39.77 -2.86 0.00	46.46 -3.66 0.00	44.36 -3.49 0.00	40.38 -2.76 0.00	34.48 -2.01 0.00	31.28 -2.43 0.00	28.42 -1.78 0.00	27.36 -1.78 0.00	26.01 -1.75 0.00	27.17 -1.61 0.00	29.80 -2.31 0.00	38.79 -3.65 0.00	48.44 -4.67 0.00	51.85 -5.38 0.00	49.55 -4.90 0.00	42.47 -4.89 0.09	37.31 -4.42 0.00	34.64 -3.55 0.00
CHERRYST_13_KV_LD 356241	42.73 1.64 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.14 0.80 0.00	37.58 0.84 0.00	39.48 1.11 0.00	44.20 1.58 0.00	52.03 1.90 0.00	50.00 2.15 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.40 1.69 0.00	31.74 1.54 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.72 1.61 0.00	44.91 2.46 0.00	55.50 2.39 0.00	59.93 2.69 0.00	56.96 2.50 0.00	49.73 2.28 0.00	43.65 1.92 0.00	39.79 1.60 0.00

CHESTROR_138KV_BK263 355645	42.11 1.03 0.00	40.26 0.71 0.00	38.48 0.64 0.00	36.74 0.40 0.00	37.17 0.44 0.00	38.98 0.61 0.00	43.52 0.90 0.00	51.17 1.05 0.00	49.04 1.20 0.00	44.18 1.04 0.00	37.43 0.95 0.00	34.59 0.88 0.00	31.02 0.82 0.00	30.07 0.93 0.00	28.67 0.92 0.00	29.68 0.89 0.00	33.01 0.90 0.00	43.89 1.44 0.00	54.60 1.49 0.00	58.95 1.72 0.00	56.03 1.58 0.00	48.83 1.38 0.00	42.86 1.13 0.00	39.14 0.95 0.00
CH_MIDHUDSON___DRP 24192	42.44 1.36 0.00	40.61 1.07 0.00	38.78 0.95 0.00	37.03 0.69 0.00	37.47 0.73 0.00	39.32 0.96 0.00	43.94 1.32 0.00	51.68 1.55 0.00	49.47 1.63 0.00	44.57 1.42 0.00	37.65 1.17 0.00	34.86 1.15 0.00	31.20 1.00 0.00	30.21 1.08 0.00	28.81 1.05 0.00	29.85 1.07 0.00	33.24 1.12 0.00	44.27 1.83 0.00	55.02 1.91 0.00	59.47 2.23 0.00	56.52 2.07 0.00	49.26 1.80 0.00	43.24 1.50 0.00	39.48 1.30 0.00
CH_MISC_IPPS 23765	42.69 1.60 0.00	40.85 1.30 0.00	39.01 1.17 0.00	37.28 0.94 0.00	37.69 0.95 0.00	39.55 1.19 0.00	44.20 1.58 0.00	51.87 1.75 0.00	49.71 1.86 0.00	44.74 1.60 0.00	37.76 1.28 0.00	34.92 1.21 0.00	31.23 1.03 0.00	30.27 1.14 0.00	28.87 1.11 0.00	29.91 1.12 0.00	33.37 1.25 0.00	44.44 2.00 0.00	55.45 2.33 0.00	59.81 2.58 0.00	56.85 2.39 0.00	49.49 2.04 0.00	43.45 1.71 0.00	39.75 1.57 0.00
CH_RES_BVR_FALLS 23983	41.13 0.04 0.00	39.54 0.00 0.00	37.83 0.00 0.00	36.34 0.00 0.00	36.73 0.00 0.00	38.32 -0.04 0.00	42.58 -0.04 0.00	50.07 -0.05 0.00	47.80 -0.05 0.00	43.10 -0.04 0.00	36.45 -0.04 0.00	33.68 -0.03 0.00	30.14 -0.06 0.00	29.05 -0.09 0.00	27.70 -0.06 0.00	28.73 -0.06 0.00	32.05 -0.06 0.00	42.40 -0.04 0.00	53.01 -0.11 0.00	57.12 -0.11 0.00	54.35 -0.11 0.00	47.45 0.00 0.00	41.73 0.00 -0.08	38.11 0.00 0.00
CH_RES_NIAGARA 23895	36.61 -4.48 0.00	36.70 -2.85 0.00	35.45 -2.38 0.00	34.49 -1.85 0.00	35.04 -1.69 0.00	35.68 -2.69 0.00	38.02 -4.60 0.00	44.16 -5.96 0.00	42.11 -5.74 0.00	38.48 -4.66 0.00	32.87 -3.61 0.00	29.87 -3.84 0.00	27.15 -3.05 0.00	26.10 -3.03 0.00	24.84 -2.91 0.00	25.91 -2.88 0.00	28.36 -3.76 0.00	36.84 -5.60 0.00	45.84 -7.28 0.00	49.05 -8.18 0.00	46.94 -7.51 0.00	40.28 -7.07 0.11	35.89 -5.84 0.00	33.57 -4.62 0.00
CH_RES_SYRACUSE 23985	41.00 -0.08 0.00	39.62 0.08 0.00	37.91 0.08 0.00	36.45 0.11 0.00	36.84 0.11 0.00	38.40 0.04 0.00	42.54 -0.09 0.00	50.17 0.05 0.00	47.90 0.05 0.00	43.27 0.13 0.00	36.59 0.11 0.00	33.71 0.00 0.00	30.23 0.03 0.00	29.13 0.00 0.00	27.73 -0.03 0.00	28.76 -0.03 0.00	32.05 -0.06 0.00	42.32 -0.13 0.00	53.11 0.00 0.00	57.12 -0.11 0.00	54.40 -0.05 0.00	47.36 -0.09 0.00	41.61 -0.12 0.00	38.11 -0.08 0.00
CLINTON_WT_PWR 323605	41.78 0.70 0.00	40.06 0.51 0.00	38.29 0.46 0.00	36.78 0.44 0.00	37.14 0.40 0.00	38.71 0.34 0.00	42.96 0.34 0.00	50.47 0.35 0.00	48.19 0.34 0.00	43.40 0.26 0.00	36.74 0.26 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.16 0.03 0.00	27.81 0.06 0.00	28.87 0.09 0.00	32.31 0.19 0.00	42.74 0.30 0.00	53.32 0.21 0.00	57.52 0.29 0.00	54.78 0.33 0.00	48.03 0.57 0.00	42.24 0.50 0.00	38.53 0.34 0.00
CLINTON___LFGE 323618	42.52 1.44 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.39 1.05 0.00	37.76 1.03 0.00	39.32 0.96 0.00	43.69 1.07 0.00	51.28 1.15 0.00	48.95 1.10 0.00	44.14 0.99 0.00	37.36 0.87 0.00	34.42 0.71 0.00	30.75 0.54 0.00	29.57 0.44 0.00	28.20 0.44 0.00	29.30 0.52 0.00	32.79 0.68 0.00	43.38 0.93 0.00	54.12 1.01 0.00	58.49 1.26 0.00	55.71 1.25 0.00	48.88 1.42 0.00	42.94 1.21 0.00	39.10 0.91 0.00
COBBLENY_34_KV_TB1 80064	37.76 -3.33 0.00	37.61 -1.94 0.00	36.24 -1.59 0.00	35.25 -1.09 0.00	35.81 -0.92 0.00	36.48 -1.88 0.00	39.55 -3.07 0.00	46.06 -4.06 0.00	43.97 -3.88 0.00	40.08 -3.06 0.00	34.22 -2.26 0.00	31.05 -2.66 0.00	28.18 -2.02 0.00	27.12 -2.01 0.00	25.81 -1.94 0.00	26.94 -1.84 0.00	29.51 -2.60 0.00	38.45 -3.99 0.00	47.96 -5.15 0.00	51.46 -5.78 0.00	49.17 -5.28 0.00	42.28 -5.08 0.09	37.44 -4.30 0.00	34.67 -3.51 0.00
COFFEEN___115KV_TB3 355620	42.03 0.94 0.00	40.18 0.63 0.00	38.44 0.61 0.00	36.99 0.65 0.00	37.28 0.55 0.00	38.94 0.58 0.00	43.43 0.81 0.00	51.27 1.15 0.00	48.52 0.67 0.00	43.40 0.26 0.00	36.67 0.18 0.00	33.61 -0.10 0.00	29.84 -0.36 0.00	28.64 -0.50 0.00	27.23 -0.53 0.00	28.41 -0.37 0.00	32.02 -0.10 0.00	42.83 0.38 0.00	54.65 1.54 0.00	59.18 1.95 0.00	56.09 1.63 0.00	49.02 1.57 0.00	42.90 1.17 0.00	38.91 0.73 0.00
COLDSPRG_115KV_BK1 355956	38.62 -2.47 0.00	38.36 -1.19 0.00	36.93 -0.91 0.00	35.87 -0.47 0.00	36.44 -0.29 0.00	37.21 -1.15 0.00	40.57 -2.05 0.00	47.36 -2.76 0.00	45.26 -2.58 0.00	41.16 -1.98 0.00	35.10 -1.39 0.00	31.82 -1.89 0.00	28.87 -1.33 0.00	27.79 -1.34 0.00	26.45 -1.30 0.00	27.63 -1.15 0.00	30.25 -1.86 0.00	39.51 -2.93 0.00	49.34 -3.77 0.00	52.94 -4.29 0.00	50.59 -3.87 0.00	43.43 -3.94 0.09	38.23 -3.51 0.00	35.25 -2.94 0.00
COLONIE_LFGE___ 323577	41.78 0.70 0.00	40.10 0.55 0.00	38.36 0.53 0.00	36.85 0.51 0.00	37.25 0.51 0.00	39.01 0.65 0.00	43.64 1.02 0.00	51.28 1.15 0.00	48.71 0.86 0.00	43.83 0.69 0.00	36.92 0.44 0.00	34.25 0.54 0.00	30.59 0.39 0.00	29.48 0.35 0.00	28.09 0.33 0.00	29.19 0.40 0.00	32.69 0.58 0.00	43.21 0.76 0.00	54.17 1.06 0.00	58.55 1.32 0.00	55.65 1.20 0.00	48.40 0.95 0.00	42.61 0.88 0.00	38.95 0.76 0.00
COOPERNY_115KV_TB1 80082	41.95 0.86 0.00	40.10 0.55 0.00	38.33 0.49 0.00	36.67 0.33 0.00	37.06 0.33 0.00	38.86 0.50 0.00	43.34 0.72 0.00	50.97 0.85 0.00	48.85 1.00 0.00	44.01 0.86 0.00	37.32 0.84 0.00	34.49 0.78 0.00	30.93 0.72 0.00	29.95 0.82 0.00	28.56 0.80 0.00	29.56 0.78 0.00	32.89 0.77 0.00	43.67 1.23 0.00	54.39 1.27 0.00	58.72 1.49 0.00	55.82 1.36 0.00	48.64 1.19 0.00	42.69 0.96 0.00	38.99 0.80 0.00
COPENHAGEN_WT_PWR 323753	41.74 0.66 0.00	39.94 0.40 0.00	38.17 0.34 0.00	36.74 0.40 0.00	37.06 0.33 0.00	38.67 0.31 0.00	43.13 0.51 0.00	50.87 0.75 0.00	48.23 0.38 0.00	43.19 0.04 0.00	36.48 0.00 0.00	33.48 -0.23 0.00	29.75 -0.45 0.00	28.58 -0.55 0.00	27.17 -0.58 0.00	28.32 -0.46 0.00	31.89 -0.22 0.00	42.57 0.13 0.00	54.17 1.06 0.00	58.67 1.43 0.00	55.65 1.20 0.00	48.59 1.14 0.00	42.57 0.83 0.00	38.65 0.46 0.00
CORNELL____ 23752	41.70 0.62 0.00	40.30 0.75 0.00	38.63 0.79 0.00	37.14 0.80 0.00	37.58 0.84 0.00	39.09 0.73 0.00	43.30 0.68 0.00	51.12 1.00 0.00	48.76 0.91 0.00	43.96 0.82 0.00	37.14 0.66 0.00	34.08 0.37 0.00	30.50 0.30 0.00	29.40 0.26 0.00	27.98 0.22 0.00	29.04 0.26 0.00	32.44 0.32 0.00	43.00 0.55 0.00	54.12 1.01 0.00	58.21 0.97 0.00	55.49 1.03 0.00	48.26 0.81 0.00	42.36 0.63 0.00	38.80 0.61 0.00

CORONA_69_KV_TB1 355595	43.06 1.97 0.00	40.97 1.42 0.00	39.01 1.17 0.00	37.25 0.91 0.00	37.69 0.96 0.00	39.48 1.11 0.00	44.20 1.58 0.00	52.18 2.05 0.00	50.24 2.39 0.00	45.26 2.11 0.00	38.73 2.23 -0.02	35.82 2.09 -0.02	32.08 1.87 0.00	31.19 2.04 -0.02	29.77 2.00 -0.02	30.82 2.01 -0.02	34.12 1.99 -0.02	45.35 2.89 0.00	56.09 2.97 -0.02	60.69 3.43 0.00	57.61 3.16 0.00	50.30 2.85 0.00	44.20 2.46 0.00	40.38 2.18 -0.02
CORTLAND_115KV_TB3 80093	41.33 0.25 0.00	39.94 0.40 0.00	38.25 0.42 0.00	36.77 0.44 0.00	37.21 0.48 0.00	38.75 0.38 0.00	42.92 0.30 0.00	50.62 0.50 0.00	48.28 0.43 0.00	43.53 0.39 0.00	36.85 0.36 0.00	33.88 0.17 0.00	30.35 0.15 0.00	29.25 0.12 0.00	27.84 0.08 0.00	28.90 0.12 0.00	32.24 0.13 0.00	42.66 0.21 0.00	53.59 0.48 0.00	57.69 0.46 0.00	54.94 0.49 0.00	47.79 0.33 0.00	41.94 0.21 0.00	38.42 0.23 0.00
COXSACKIE___GT 23611	43.18 2.09 0.00	41.48 1.94 0.00	39.72 1.89 0.00	38.05 1.71 0.00	38.50 1.76 0.00	40.28 1.92 0.00	44.92 2.30 0.00	52.43 2.31 0.00	49.81 1.96 0.00	44.44 1.29 0.00	37.17 0.69 0.00	34.32 0.61 0.00	30.50 0.30 0.00	29.40 0.26 0.00	28.00 0.25 0.00	29.10 0.32 0.00	32.88 0.77 0.00	44.14 1.70 0.00	55.77 2.65 0.00	60.33 3.09 0.00	57.23 2.78 0.00	49.73 2.28 0.00	43.74 2.00 0.00	40.09 1.91 0.00
CPV_VALLEY___CC1 323721	41.91 0.82 0.00	39.98 0.44 0.00	38.25 0.42 0.00	36.56 0.22 0.00	36.99 0.26 0.00	38.79 0.42 0.00	43.30 0.68 0.00	50.87 0.75 0.00	48.80 0.96 0.00	43.96 0.82 0.00	37.25 0.77 0.00	34.45 0.74 0.00	30.87 0.66 0.00	29.89 0.76 0.00	28.53 0.78 0.00	29.53 0.75 0.00	32.88 0.77 0.00	43.63 1.19 0.00	54.33 1.22 0.00	58.61 1.37 0.00	55.71 1.25 0.00	48.55 1.09 0.00	42.65 0.92 0.00	38.99 0.80 0.00
CPV_VALLEY___CC2 323722	41.91 0.82 0.00	39.98 0.44 0.00	38.25 0.42 0.00	36.56 0.22 0.00	36.99 0.26 0.00	38.79 0.42 0.00	43.30 0.68 0.00	50.87 0.75 0.00	48.80 0.96 0.00	43.96 0.82 0.00	37.25 0.77 0.00	34.45 0.74 0.00	30.87 0.66 0.00	29.89 0.76 0.00	28.53 0.78 0.00	29.53 0.75 0.00	32.88 0.77 0.00	43.63 1.19 0.00	54.33 1.22 0.00	58.61 1.37 0.00	55.71 1.25 0.00	48.55 1.09 0.00	42.65 0.92 0.00	38.99 0.80 0.00
CRESCENT___HYD 24018	41.78 0.70 0.00	40.10 0.55 0.00	38.36 0.53 0.00	36.85 0.51 0.00	37.25 0.51 0.00	39.01 0.65 0.00	43.64 1.02 0.00	51.28 1.15 0.00	48.71 0.86 0.00	43.83 0.69 0.00	36.92 0.44 0.00	34.25 0.54 0.00	30.59 0.39 0.00	29.48 0.35 0.00	28.09 0.33 0.00	29.19 0.40 0.00	32.69 0.58 0.00	43.21 0.76 0.00	54.17 1.06 0.00	58.55 1.32 0.00	55.65 1.20 0.00	48.40 0.95 0.00	42.61 0.88 0.00	38.95 0.76 0.00
CRICKET___VALLEY_CC1 323756	41.95 0.86 0.00	40.06 0.51 0.00	38.29 0.46 0.00	36.59 0.26 0.00	37.02 0.29 0.00	38.86 0.50 0.00	43.52 0.90 0.00	51.12 1.00 0.00	48.99 1.15 0.00	44.18 1.03 0.00	37.32 0.84 0.00	34.55 0.84 0.00	30.99 0.78 0.00	30.01 0.87 0.00	28.64 0.89 0.00	29.68 0.89 0.00	33.05 0.93 0.00	43.84 1.40 0.00	54.49 1.38 0.00	58.78 1.55 0.00	55.87 1.41 0.00	48.69 1.23 0.00	42.86 1.13 0.00	39.14 0.96 0.00
CRICKET___VALLEY_CC2 323757	41.95 0.86 0.00	40.06 0.51 0.00	38.29 0.46 0.00	36.59 0.26 0.00	37.02 0.29 0.00	38.86 0.50 0.00	43.52 0.90 0.00	51.12 1.00 0.00	48.99 1.15 0.00	44.18 1.03 0.00	37.32 0.84 0.00	34.55 0.84 0.00	30.99 0.78 0.00	30.01 0.87 0.00	28.64 0.89 0.00	29.68 0.89 0.00	33.05 0.93 0.00	43.84 1.40 0.00	54.49 1.38 0.00	58.78 1.55 0.00	55.87 1.41 0.00	48.69 1.23 0.00	42.86 1.13 0.00	39.14 0.96 0.00
CRICKET___VALLEY_CC3 323758	41.95 0.86 0.00	40.06 0.51 0.00	38.29 0.46 0.00	36.59 0.26 0.00	37.02 0.29 0.00	38.86 0.50 0.00	43.52 0.90 0.00	51.12 1.00 0.00	48.99 1.15 0.00	44.18 1.03 0.00	37.32 0.84 0.00	34.55 0.84 0.00	30.99 0.78 0.00	30.01 0.87 0.00	28.64 0.89 0.00	29.68 0.89 0.00	33.05 0.93 0.00	43.84 1.40 0.00	54.49 1.38 0.00	58.78 1.55 0.00	55.87 1.41 0.00	48.69 1.23 0.00	42.86 1.13 0.00	39.14 0.96 0.00
CRUCIBLE_METL_DRP 24180	41.00 -0.08 0.00	39.58 0.04 0.00	37.91 0.08 0.00	36.48 0.15 0.00	36.88 0.15 0.00	38.40 0.04 0.00	42.58 -0.04 0.00	50.17 0.05 0.00	47.90 0.05 0.00	43.27 0.13 0.00	36.59 0.11 0.00	33.71 0.00 0.00	30.23 0.03 0.00	29.13 0.00 0.00	27.73 -0.03 0.00	28.76 -0.03 0.00	32.05 -0.06 0.00	42.32 -0.13 0.00	53.11 0.00 0.00	57.12 -0.11 0.00	54.40 -0.05 0.00	47.36 -0.09 0.00	41.61 -0.13 0.00	38.11 -0.08 0.00
DAHOWA___HYDRO 323763	42.44 1.35 0.00	40.69 1.15 0.00	38.97 1.13 0.00	37.43 1.09 0.00	37.80 1.07 0.00	39.63 1.26 0.00	44.37 1.75 0.00	52.07 1.95 0.00	49.48 1.63 0.00	44.48 1.34 0.00	37.36 0.87 0.00	34.49 0.78 0.00	30.68 0.48 0.00	29.51 0.38 0.00	28.09 0.33 0.00	29.16 0.37 0.00	32.76 0.64 0.00	43.55 1.10 0.00	54.81 1.70 0.00	59.41 2.17 0.00	56.47 2.02 0.00	49.16 1.71 0.00	43.23 1.50 0.00	39.52 1.34 0.00
DANC___LFGE 323619	41.17 0.08 0.00	39.50 -0.04 0.00	37.76 -0.08 0.00	36.34 0.00 0.00	36.66 -0.07 0.00	38.29 -0.08 0.00	42.62 0.00 0.00	50.27 0.15 0.00	47.75 -0.10 0.00	42.84 -0.30 0.00	36.19 -0.29 0.00	33.21 -0.50 0.00	29.60 -0.60 0.00	28.46 -0.67 0.00	27.06 -0.69 0.00	28.18 -0.61 0.00	31.63 -0.48 0.00	42.15 -0.30 0.00	53.49 0.37 0.00	57.81 0.57 0.00	54.89 0.43 0.00	47.88 0.43 0.00	41.99 0.25 0.00	38.19 0.00 0.00
DANSKAMMER___1 23586	42.69 1.60 0.00	40.85 1.30 0.00	39.01 1.17 0.00	37.28 0.94 0.00	37.69 0.95 0.00	39.55 1.19 0.00	44.20 1.58 0.00	51.87 1.75 0.00	49.71 1.86 0.00	44.74 1.60 0.00	37.76 1.28 0.00	34.92 1.21 0.00	31.23 1.03 0.00	30.27 1.14 0.00	28.87 1.11 0.00	29.91 1.12 0.00	33.37 1.25 0.00	44.44 2.00 0.00	55.45 2.33 0.00	59.81 2.58 0.00	56.85 2.39 0.00	49.49 2.04 0.00	43.45 1.71 0.00	39.75 1.57 0.00
DANSKAMMER___2 23589	42.69 1.60 0.00	40.85 1.30 0.00	39.01 1.17 0.00	37.28 0.94 0.00	37.69 0.95 0.00	39.55 1.19 0.00	44.20 1.58 0.00	51.87 1.75 0.00	49.71 1.86 0.00	44.74 1.60 0.00	37.76 1.28 0.00	34.92 1.21 0.00	31.23 1.03 0.00	30.27 1.14 0.00	28.87 1.11 0.00	29.91 1.12 0.00	33.37 1.25 0.00	44.44 2.00 0.00	55.45 2.33 0.00	59.81 2.58 0.00	56.85 2.39 0.00	49.49 2.04 0.00	43.45 1.71 0.00	39.75 1.57 0.00
DANSKAMMER___3 23590	42.69 1.60 0.00	40.85 1.30 0.00	39.01 1.17 0.00	37.28 0.94 0.00	37.69 0.95 0.00	39.55 1.19 0.00	44.20 1.58 0.00	51.87 1.75 0.00	49.71 1.86 0.00	44.74 1.60 0.00	37.76 1.28 0.00	34.92 1.21 0.00	31.23 1.03 0.00	30.27 1.14 0.00	28.87 1.11 0.00	29.91 1.12 0.00	33.37 1.25 0.00	44.44 2.00 0.00	55.45 2.33 0.00	59.81 2.58 0.00	56.85 2.39 0.00	49.49 2.04 0.00	43.45 1.71 0.00	39.75 1.57 0.00

DANSKAMMER___4 23591	42.69 1.60 0.00	40.85 1.30 0.00	39.01 1.17 0.00	37.28 0.94 0.00	37.69 0.95 0.00	39.55 1.19 0.00	44.20 1.58 0.00	51.87 1.75 0.00	49.71 1.86 0.00	44.74 1.60 0.00	37.76 1.28 0.00	34.92 1.21 0.00	31.23 1.03 0.00	30.27 1.14 0.00	28.87 1.11 0.00	29.91 1.12 0.00	33.37 1.25 0.00	44.44 2.00 0.00	55.45 2.33 0.00	59.81 2.58 0.00	56.85 2.39 0.00	49.49 2.04 0.00	43.45 1.71 0.00	39.75 1.57 0.00
DANSKAMMER___DIESEL 23592	42.65 1.56 0.00	40.85 1.30 0.00	39.01 1.17 0.00	37.25 0.91 0.00	37.65 0.92 0.00	39.51 1.15 0.00	44.15 1.53 0.00	51.83 1.70 0.00	49.71 1.87 0.00	44.74 1.60 0.00	37.76 1.28 0.00	34.92 1.21 0.00	31.23 1.03 0.00	30.27 1.14 0.00	28.87 1.11 0.00	29.91 1.12 0.00	33.34 1.22 0.00	44.44 1.99 0.00	55.29 2.18 0.00	59.81 2.58 0.00	56.85 2.40 0.00	49.49 2.04 0.00	43.40 1.67 0.00	39.68 1.49 0.00
DARBY___SOLAR 323810	42.32 1.23 0.00	40.57 1.03 0.00	38.86 1.02 0.00	37.32 0.98 0.00	37.72 0.99 0.00	39.51 1.15 0.00	44.24 1.62 0.00	51.92 1.80 0.00	49.33 1.48 0.00	44.35 1.21 0.00	37.25 0.77 0.00	34.42 0.71 0.00	30.63 0.42 0.00	29.48 0.35 0.00	28.06 0.31 0.00	29.13 0.35 0.00	32.72 0.61 0.00	43.50 1.06 0.00	54.76 1.65 0.00	59.29 2.06 0.00	56.36 1.90 0.00	49.07 1.61 0.00	43.11 1.38 0.00	39.44 1.26 0.00
DASHVILLE___HYD 23610	42.36 1.27 0.00	40.57 1.03 0.00	38.70 0.87 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.25 0.88 0.00	43.77 1.15 0.00	51.37 1.25 0.00	49.19 1.34 0.00	44.22 1.08 0.00	37.32 0.84 0.00	34.52 0.81 0.00	30.90 0.69 0.00	29.95 0.82 0.00	28.56 0.80 0.00	29.59 0.81 0.00	32.98 0.87 0.00	43.97 1.53 0.00	54.76 1.65 0.00	59.18 1.95 0.00	56.25 1.80 0.00	49.02 1.57 0.00	43.03 1.29 0.00	39.37 1.18 0.00
DELAWARE___LFGE 323621	41.83 0.74 0.00	40.18 0.63 0.00	38.44 0.61 0.00	36.88 0.55 0.00	37.32 0.59 0.00	38.98 0.61 0.00	43.39 0.77 0.00	51.07 0.95 0.00	48.76 0.91 0.00	43.88 0.73 0.00	37.14 0.66 0.00	34.28 0.57 0.00	30.69 0.48 0.00	29.63 0.50 0.00	28.23 0.47 0.00	29.25 0.46 0.00	32.63 0.51 0.00	43.29 0.85 0.00	54.23 1.12 0.00	58.55 1.32 0.00	55.65 1.20 0.00	48.45 1.00 0.00	42.53 0.79 0.00	38.87 0.69 0.00
DERFIELD_115KV_TB7 355931	41.09 0.00 0.00	39.50 -0.04 0.00	37.80 -0.04 0.00	36.30 -0.04 0.00	36.70 -0.04 0.00	38.36 0.00 0.00	42.66 0.04 0.00	50.17 0.05 0.00	47.90 0.05 0.00	43.14 0.00 0.00	36.48 0.00 0.00	33.71 0.00 0.00	30.20 0.00 0.00	29.13 0.00 0.00	27.76 0.00 0.00	28.78 0.00 0.00	32.11 0.00 0.00	42.49 0.04 0.00	53.16 0.05 0.00	57.35 0.11 0.00	54.51 0.05 0.00	47.50 0.05 0.00	41.78 0.04 0.00	38.22 0.04 0.00
DOGLEVILLE___HYD 23807	41.33 0.25 0.00	39.74 0.20 0.00	38.02 0.19 0.00	36.56 0.22 0.00	36.99 0.26 0.00	38.71 0.35 0.00	43.05 0.43 0.00	50.67 0.55 0.00	48.37 0.53 0.00	43.62 0.47 0.00	36.85 0.36 0.00	34.05 0.34 0.00	30.47 0.27 0.00	29.37 0.23 0.00	27.98 0.22 0.00	29.01 0.23 0.00	32.40 0.29 0.00	42.87 0.42 0.00	53.75 0.64 0.00	58.04 0.80 0.00	55.16 0.71 0.00	48.07 0.62 0.00	42.23 0.50 0.00	38.64 0.46 0.00
DUNKIRK___115KV_TB_200 55889	37.92 -3.16 0.00	37.76 -1.78 0.00	36.36 -1.48 0.00	35.32 -1.02 0.00	35.89 -0.84 0.00	36.64 -1.73 0.00	39.81 -2.81 0.00	46.41 -3.71 0.00	44.31 -3.54 0.00	40.34 -2.80 0.00	34.44 -2.04 0.00	31.25 -2.46 0.00	28.39 -1.81 0.00	27.30 -1.84 0.00	25.98 -1.78 0.00	27.12 -1.67 0.00	29.71 -2.41 0.00	38.75 -3.69 0.00	48.33 -4.78 0.00	51.80 -5.44 0.00	49.50 -4.96 0.00	42.47 -4.89 0.09	37.48 -4.26 0.00	34.63 -3.55 0.00
DUNKIRK___1 23563	37.92 -3.16 0.00	37.76 -1.78 0.00	36.36 -1.48 0.00	35.32 -1.02 0.00	35.89 -0.84 0.00	36.64 -1.73 0.00	39.81 -2.81 0.00	46.41 -3.71 0.00	44.31 -3.54 0.00	40.34 -2.80 0.00	34.44 -2.04 0.00	31.25 -2.46 0.00	28.39 -1.81 0.00	27.30 -1.84 0.00	25.98 -1.78 0.00	27.12 -1.67 0.00	29.71 -2.41 0.00	38.75 -3.69 0.00	48.33 -4.78 0.00	51.80 -5.44 0.00	49.50 -4.96 0.00	42.47 -4.89 0.09	37.48 -4.26 0.00	34.63 -3.55 0.00
DUNKIRK___2 23564	37.92 -3.16 0.00	37.76 -1.78 0.00	36.36 -1.48 0.00	35.32 -1.02 0.00	35.89 -0.84 0.00	36.64 -1.73 0.00	39.81 -2.81 0.00	46.41 -3.71 0.00	44.31 -3.54 0.00	40.34 -2.80 0.00	34.44 -2.04 0.00	31.25 -2.46 0.00	28.39 -1.81 0.00	27.30 -1.84 0.00	25.98 -1.78 0.00	27.12 -1.67 0.00	29.71 -2.41 0.00	38.75 -3.69 0.00	48.33 -4.78 0.00	51.80 -5.44 0.00	49.50 -4.96 0.00	42.47 -4.89 0.09	37.48 -4.26 0.00	34.63 -3.55 0.00
DUNKIRK___3 23565	37.80 -3.29 0.00	37.65 -1.90 0.00	36.28 -1.55 0.00	35.25 -1.09 0.00	35.78 -0.96 0.00	36.52 -1.84 0.00	39.68 -2.94 0.00	46.21 -3.91 0.00	44.12 -3.73 0.00	40.17 -2.98 0.00	34.29 -2.19 0.00	31.15 -2.56 0.00	28.27 -1.93 0.00	27.18 -1.95 0.00	25.90 -1.86 0.00	27.00 -1.78 0.00	29.61 -2.50 0.00	38.62 -3.82 0.00	48.17 -4.94 0.00	51.63 -5.61 0.00	49.34 -5.12 0.00	42.38 -4.98 0.09	37.44 -4.30 0.00	34.63 -3.55 0.00
DUNKIRK___4 23566	37.80 -3.29 0.00	37.65 -1.90 0.00	36.28 -1.55 0.00	35.25 -1.09 0.00	35.78 -0.96 0.00	36.52 -1.84 0.00	39.68 -2.94 0.00	46.21 -3.91 0.00	44.12 -3.73 0.00	40.17 -2.98 0.00	34.29 -2.19 0.00	31.15 -2.56 0.00	28.27 -1.93 0.00	27.18 -1.95 0.00	25.90 -1.86 0.00	27.00 -1.78 0.00	29.61 -2.50 0.00	38.62 -3.82 0.00	48.17 -4.94 0.00	51.63 -5.61 0.00	49.34 -5.12 0.00	42.38 -4.98 0.09	37.44 -4.30 0.00	34.63 -3.55 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.57 1.48 0.00	40.69 1.15 0.00	38.82 0.98 0.00	37.07 0.73 0.00	37.47 0.73 0.00	39.36 1.00 0.00	44.07 1.45 0.00	51.88 1.75 0.00	49.81 1.96 0.00	44.96 1.81 0.00	38.05 1.57 0.00	35.19 1.48 0.00	31.56 1.36 0.00	30.65 1.51 0.00	29.23 1.47 0.00	30.25 1.47 0.00	33.56 1.45 0.00	44.61 2.16 0.00	55.29 2.18 0.00	59.76 2.52 0.00	56.85 2.40 0.00	49.54 2.09 0.00	43.49 1.75 0.00	39.68 1.49 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.36 1.27 0.00	40.53 0.99 0.00	38.70 0.87 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.21 0.84 0.00	43.81 1.19 0.00	51.47 1.35 0.00	49.33 1.48 0.00	44.44 1.29 0.00	37.58 1.09 0.00	34.76 1.05 0.00	31.11 0.91 0.00	30.15 1.02 0.00	28.75 1.00 0.00	29.79 1.01 0.00	33.17 1.06 0.00	44.14 1.70 0.00	54.92 1.81 0.00	59.35 2.12 0.00	56.41 1.96 0.00	49.16 1.71 0.00	43.11 1.38 0.00	39.37 1.18 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	42.69 1.60 0.00	40.77 1.23 0.00	38.85 1.02 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.21 0.84 0.00	43.94 1.32 0.00	51.63 1.50 0.00	49.71 1.87 0.00	44.96 1.81 0.00	38.09 1.61 0.00	35.23 1.52 0.00	31.59 1.39 0.00	30.71 1.57 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.56 1.45 0.00	44.74 2.29 0.00	55.13 2.02 0.00	59.41 2.17 0.00	56.58 2.12 0.00	49.54 2.09 0.00	43.44 1.71 0.00	39.60 1.41 0.00

E179THST_13_KV_LOAD 356214	42.85 1.77 0.00	40.93 1.38 0.00	39.01 1.17 0.00	37.14 0.80 0.00	37.58 0.84 0.00	39.36 1.00 0.00	44.11 1.49 0.00	51.83 1.70 0.00	49.91 2.06 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.69 1.57 0.00	44.95 2.50 0.00	55.34 2.23 0.00	59.70 2.46 0.00	56.80 2.34 0.00	49.73 2.28 0.00	43.61 1.88 0.00	39.75 1.57 0.00
EAST HAMPTON___GT 23717	43.06 1.97 0.00	40.69 1.15 0.00	38.66 0.83 0.00	36.92 0.58 0.00	37.43 0.70 0.00	39.36 1.00 0.00	44.45 1.83 0.00	52.63 2.51 0.00	51.10 3.26 0.00	45.82 2.68 0.00	39.88 3.39 -0.01	36.82 3.10 -0.01	32.95 2.75 0.00	32.12 2.97 -0.01	30.87 3.11 -0.01	32.05 3.25 -0.01	35.69 3.56 -0.01	47.04 4.59 -0.01	58.21 5.10 0.00	62.69 5.44 -0.01	59.25 4.79 0.00	51.58 4.13 0.00	45.32 3.59 0.00	41.44 3.24 -0.01
EAST RIVER___6 23660	42.56 1.48 0.00	40.65 1.11 0.00	38.78 0.95 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.32 0.96 0.00	44.07 1.45 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.34 1.58 0.00	30.34 1.55 0.00	33.66 1.54 0.00	44.78 2.33 0.00	55.50 2.39 0.00	59.70 2.46 0.00	56.79 2.34 0.00	49.54 2.09 0.00	43.53 1.79 0.00	39.79 1.60 0.00
EAST RIVER___7 23524	42.56 1.48 0.00	40.65 1.11 0.00	38.78 0.95 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.32 0.96 0.00	44.07 1.45 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.34 1.58 0.00	30.34 1.55 0.00	33.66 1.54 0.00	44.78 2.33 0.00	55.50 2.39 0.00	59.70 2.46 0.00	56.79 2.34 0.00	49.54 2.09 0.00	43.53 1.79 0.00	39.79 1.60 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.48 1.40 0.00	40.61 1.07 0.00	38.74 0.91 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.28 0.92 0.00	43.94 1.32 0.00	51.73 1.60 0.00	49.67 1.82 0.00	44.83 1.68 0.00	37.94 1.46 0.00	35.09 1.38 0.00	31.47 1.27 0.00	30.53 1.40 0.00	29.12 1.36 0.00	30.17 1.38 0.00	33.46 1.35 0.00	44.48 2.04 0.00	55.18 2.07 0.00	59.58 2.35 0.00	56.69 2.23 0.00	49.40 1.95 0.00	43.36 1.63 0.00	39.56 1.37 0.00
EAST_HAMPTON___DIESEL 23722	42.98 1.89 0.00	40.57 1.03 0.00	38.59 0.76 0.00	36.85 0.51 0.00	37.36 0.62 0.00	39.28 0.92 0.00	44.37 1.75 0.00	52.58 2.46 0.00	51.05 3.21 0.00	45.78 2.63 0.00	39.85 3.35 -0.01	36.82 3.10 -0.01	32.92 2.72 0.00	32.08 2.94 -0.01	30.87 3.11 -0.01	32.02 3.22 -0.01	35.69 3.56 -0.01	47.04 4.59 -0.01	58.21 5.10 0.00	62.69 5.44 -0.01	59.19 4.74 0.00	51.58 4.13 0.00	45.28 3.55 0.00	41.40 3.21 -0.01
EAST_POINT___SOLAR 323840	43.22 2.14 0.00	41.40 1.86 0.00	39.65 1.82 0.00	38.08 1.74 0.00	38.50 1.76 0.00	40.28 1.92 0.00	45.13 2.51 0.00	52.83 2.70 0.00	49.48 1.63 0.00	43.66 0.52 0.00	36.34 -0.15 0.00	33.41 -0.30 0.00	29.78 -0.42 0.00	28.64 -0.50 0.00	26.89 -0.86 0.00	27.95 -0.84 0.00	31.67 -0.45 0.00	43.08 0.64 0.00	55.87 2.76 0.00	60.79 3.55 0.00	57.72 3.27 0.00	50.25 2.80 0.00	44.03 2.29 0.00	40.25 2.06 0.00
EAST_PULASKI___ESR 323781	40.76 -0.33 0.00	39.19 -0.36 0.00	37.49 -0.34 0.00	36.05 -0.29 0.00	36.40 -0.33 0.00	37.98 -0.38 0.00	42.24 -0.38 0.00	49.82 -0.30 0.00	47.42 -0.43 0.00	42.63 -0.52 0.00	36.05 -0.44 0.00	33.14 -0.57 0.00	29.60 -0.60 0.00	28.49 -0.64 0.00	27.09 -0.67 0.00	28.18 -0.61 0.00	31.54 -0.58 0.00	41.89 -0.55 0.00	52.90 -0.21 0.00	57.07 -0.17 0.00	54.29 -0.16 0.00	47.26 -0.19 0.00	41.48 -0.25 0.00	37.84 -0.34 0.00
EAST_RIVER___1 323558	42.65 1.56 0.00	40.73 1.19 0.00	38.89 1.06 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.87 1.75 0.00	49.90 2.06 0.00	45.09 1.94 0.00	38.16 1.68 0.00	35.29 1.58 0.00	31.65 1.45 0.00	30.76 1.63 0.00	29.34 1.58 0.00	30.37 1.58 0.00	33.69 1.57 0.00	44.82 2.38 0.00	55.50 2.39 0.00	59.75 2.52 0.00	56.85 2.39 0.00	49.64 2.18 0.00	43.61 1.88 0.00	39.86 1.68 0.00
EAST_RIVER___2 323559	42.56 1.48 0.00	40.65 1.11 0.00	38.78 0.95 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.32 0.96 0.00	44.07 1.45 0.00	51.83 1.71 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.73 1.60 0.00	29.34 1.58 0.00	30.34 1.55 0.00	33.66 1.54 0.00	44.78 2.33 0.00	55.50 2.39 0.00	59.70 2.46 0.00	56.79 2.34 0.00	49.54 2.09 0.00	43.53 1.79 0.00	39.79 1.60 0.00
EAST___DELAWARE_HYD 23607	42.40 1.31 0.00	40.53 0.99 0.00	38.74 0.91 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.25 0.88 0.00	43.81 1.19 0.00	51.38 1.25 0.00	49.28 1.43 0.00	44.26 1.12 0.00	37.36 0.87 0.00	34.52 0.81 0.00	30.87 0.66 0.00	29.89 0.76 0.00	28.50 0.75 0.00	29.53 0.75 0.00	33.01 0.90 0.00	44.06 1.61 0.00	55.08 1.97 0.00	59.41 2.17 0.00	56.47 2.02 0.00	49.16 1.71 0.00	43.15 1.42 0.00	39.44 1.26 0.00
EIGHT_POINT___WT_PWR 323820	39.69 -1.40 0.00	39.19 -0.36 0.00	37.57 -0.26 0.00	36.23 -0.11 0.00	36.73 0.00 0.00	37.86 -0.50 0.00	41.38 -1.24 0.00	48.72 -1.40 0.00	46.51 -1.34 0.00	42.19 -0.95 0.00	35.86 -0.62 0.00	32.70 -1.01 0.00	29.45 -0.75 0.00	28.32 -0.82 0.00	26.89 -0.86 0.00	28.01 -0.78 0.00	31.02 -1.09 0.00	40.83 -1.61 0.00	51.41 -1.70 0.00	55.12 -2.12 0.00	52.66 -1.80 0.00	45.51 -1.90 0.04	39.90 -1.84 0.00	36.77 -1.41 0.00
ELBRIDGE_115KV_TB2 80188	40.72 -0.37 0.00	39.35 -0.20 0.00	37.72 -0.11 0.00	36.27 -0.07 0.00	36.66 -0.07 0.00	38.21 -0.15 0.00	42.32 -0.30 0.00	49.87 -0.25 0.00	47.61 -0.24 0.00	43.01 -0.13 0.00	36.37 -0.11 0.00	33.47 -0.24 0.00	30.05 -0.15 0.00	28.96 -0.17 0.00	27.56 -0.19 0.00	28.58 -0.20 0.00	31.86 -0.26 0.00	42.06 -0.38 0.00	52.74 -0.37 0.00	56.78 -0.46 0.00	54.07 -0.38 0.00	47.07 -0.38 0.00	41.36 -0.38 0.00	37.88 -0.31 0.00
ELEC_TRO_TEK 24086	42.89 1.81 0.00	40.81 1.27 0.00	38.85 1.02 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.32 0.96 0.00	44.07 1.45 0.00	51.98 1.85 0.00	50.10 2.25 0.00	45.13 1.98 0.00	38.61 2.12 -0.02	35.75 2.02 -0.02	31.98 1.78 0.00	31.10 1.95 -0.02	29.69 1.92 -0.02	30.73 1.93 -0.02	34.02 1.89 -0.02	45.22 2.76 -0.02	55.87 2.76 0.00	60.46 3.21 -0.02	57.40 2.94 0.00	50.11 2.66 0.00	44.03 2.30 0.00	40.23 2.02 -0.02
ELLENBURG_WT_PWR 323604	41.78 0.70 0.00	40.06 0.51 0.00	38.29 0.46 0.00	36.78 0.44 0.00	37.14 0.40 0.00	38.71 0.34 0.00	42.96 0.34 0.00	50.47 0.35 0.00	48.19 0.34 0.00	43.40 0.26 0.00	36.74 0.26 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.16 0.03 0.00	27.81 0.06 0.00	28.87 0.09 0.00	32.31 0.19 0.00	42.74 0.30 0.00	53.32 0.21 0.00	57.52 0.29 0.00	54.78 0.33 0.00	48.03 0.57 0.00	42.24 0.50 0.00	38.53 0.34 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.35 -3.74 0.00	37.29 -2.25 0.00	35.94 -1.89 0.00	34.96 -1.38 0.00	35.48 -1.25 0.00	36.18 -2.19 0.00	39.17 -3.45 0.00	45.56 -4.56 0.00	43.49 -4.35 0.00	39.65 -3.49 0.00	33.86 -2.63 0.00	30.74 -2.97 0.00	27.91 -2.30 0.00	26.83 -2.30 0.00	25.56 -2.19 0.00	26.65 -2.13 0.00	29.19 -2.92 0.00	38.03 -4.41 0.00	47.38 -5.74 0.00	50.83 -6.41 0.00	48.57 -5.88 0.00	41.76 -5.60 0.10	36.98 -4.76 0.00	34.37 -3.82 0.00
EMPIRE_CC_1 323656	41.21 0.12 0.00	39.66 0.12 0.00	37.99 0.15 0.00	36.45 0.11 0.00	36.84 0.11 0.00	38.59 0.23 0.00	43.00 0.38 0.00	50.52 0.40 0.00	48.04 0.19 0.00	43.19 0.04 0.00	36.41 -0.07 0.00	33.95 0.24 0.00	30.35 0.15 0.00	29.31 0.18 0.00	27.95 0.20 0.00	29.01 0.23 0.00	32.44 0.32 0.00	42.70 0.26 0.00	53.32 0.21 0.00	57.64 0.40 0.00	54.78 0.33 0.00	47.74 0.29 0.00	42.03 0.29 0.00	38.38 0.19 0.00
EMPIRE_CC_2 323658	41.21 0.12 0.00	39.66 0.12 0.00	37.99 0.15 0.00	36.45 0.11 0.00	36.84 0.11 0.00	38.59 0.23 0.00	43.00 0.38 0.00	50.52 0.40 0.00	48.04 0.19 0.00	43.19 0.04 0.00	36.41 -0.07 0.00	33.95 0.24 0.00	30.35 0.15 0.00	29.31 0.18 0.00	27.95 0.20 0.00	29.01 0.23 0.00	32.44 0.32 0.00	42.70 0.26 0.00	53.32 0.21 0.00	57.64 0.40 0.00	54.78 0.33 0.00	47.74 0.29 0.00	42.03 0.29 0.00	38.38 0.19 0.00
ENORWICH_115KV_TB1 80156	43.02 1.93 0.00	41.40 1.86 0.00	39.69 1.85 0.00	38.19 1.85 0.00	38.61 1.87 0.00	40.24 1.88 0.00	44.75 2.13 0.00	52.88 2.76 0.00	50.34 2.49 0.00	45.04 1.90 0.00	37.98 1.50 0.00	34.79 1.08 0.00	30.96 0.76 0.00	29.77 0.64 0.00	28.37 0.61 0.00	29.56 0.78 0.00	33.21 1.09 0.00	44.40 1.95 0.00	56.30 3.19 0.00	60.79 3.55 0.00	57.78 3.32 0.00	50.25 2.80 0.00	43.99 2.25 0.00	40.10 1.91 0.00
ERIE_ST__34_KV_TB1-2 80199	38.09 -3.00 0.00	37.92 -1.62 0.00	36.55 -1.29 0.00	35.54 -0.80 0.00	36.07 -0.66 0.00	36.79 -1.57 0.00	39.94 -2.69 0.00	46.51 -3.61 0.00	44.40 -3.45 0.00	40.47 -2.67 0.00	34.55 -1.93 0.00	31.35 -2.36 0.00	28.45 -1.75 0.00	27.36 -1.78 0.00	26.06 -1.69 0.00	27.20 -1.58 0.00	29.80 -2.31 0.00	38.84 -3.61 0.00	48.44 -4.67 0.00	51.97 -5.27 0.00	49.72 -4.74 0.00	42.80 -4.56 0.10	37.81 -3.92 0.00	35.02 -3.17 0.00
ERIE_WT_PWR 323693	37.64 -3.45 0.00	37.73 -1.82 0.00	36.17 -1.66 0.00	35.07 -1.27 0.00	35.59 -1.14 0.00	36.41 -1.96 0.00	39.34 -3.28 0.00	45.91 -4.21 0.00	43.83 -4.02 0.00	39.91 -3.24 0.00	34.11 -2.37 0.00	30.95 -2.76 0.00	28.12 -2.08 0.00	27.07 -2.07 0.00	25.73 -2.02 0.00	26.88 -1.90 0.00	29.48 -2.63 0.00	38.33 -4.12 0.00	47.80 -5.31 0.00	51.23 -6.01 0.00	49.01 -5.44 0.00	42.09 -5.27 0.10	37.10 -4.63 0.00	34.60 -3.59 0.00
ESPRGFLD_115KV_TB1 80157	42.36 1.27 0.00	40.65 1.11 0.00	38.89 1.06 0.00	37.36 1.02 0.00	37.76 1.03 0.00	39.48 1.11 0.00	44.03 1.41 0.00	51.73 1.60 0.00	49.14 1.29 0.00	43.96 0.82 0.00	36.99 0.51 0.00	34.08 0.37 0.00	30.44 0.24 0.00	29.31 0.17 0.00	27.81 0.06 0.00	28.87 0.09 0.00	32.34 0.22 0.00	43.33 0.89 0.00	54.92 1.81 0.00	59.41 2.17 0.00	56.47 2.01 0.00	49.16 1.71 0.00	43.11 1.38 0.00	39.37 1.18 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.62 0.53 0.00	40.22 0.67 0.00	38.55 0.72 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.02 0.65 0.00	43.22 0.60 0.00	51.02 0.90 0.00	48.66 0.81 0.00	43.88 0.73 0.00	37.07 0.58 0.00	34.05 0.34 0.00	30.47 0.27 0.00	29.34 0.20 0.00	27.95 0.19 0.00	28.99 0.20 0.00	32.37 0.26 0.00	42.91 0.47 0.00	54.01 0.90 0.00	58.10 0.86 0.00	55.38 0.93 0.00	48.17 0.71 0.00	42.28 0.54 0.00	38.72 0.53 0.00
ETNA____115KV_TB2 80207	41.62 0.53 0.00	40.22 0.67 0.00	38.55 0.72 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.02 0.65 0.00	43.22 0.60 0.00	51.02 0.90 0.00	48.66 0.81 0.00	43.88 0.73 0.00	37.07 0.58 0.00	34.05 0.34 0.00	30.47 0.27 0.00	29.34 0.20 0.00	27.95 0.19 0.00	28.99 0.20 0.00	32.37 0.26 0.00	42.91 0.47 0.00	54.01 0.90 0.00	58.10 0.86 0.00	55.38 0.93 0.00	48.17 0.71 0.00	42.28 0.54 0.00	38.72 0.53 0.00
EUCLID__115KV_TB2 356179	40.47 -0.62 0.00	39.07 -0.47 0.00	37.42 -0.42 0.00	35.98 -0.36 0.00	36.40 -0.33 0.00	37.90 -0.46 0.00	42.02 -0.60 0.00	49.47 -0.65 0.00	47.23 -0.62 0.00	42.67 -0.47 0.00	36.12 -0.36 0.00	33.27 -0.44 0.00	29.87 -0.33 0.00	28.78 -0.35 0.00	27.42 -0.33 0.00	28.44 -0.35 0.00	31.70 -0.42 0.00	41.81 -0.64 0.00	52.37 -0.74 0.00	56.38 -0.86 0.00	53.69 -0.76 0.00	46.69 -0.76 0.00	41.07 -0.67 0.00	37.61 -0.57 0.00
E_CANADA_CAP_HY 24051	42.65 1.56 0.00	40.85 1.30 0.00	39.12 1.29 0.00	37.57 1.24 0.00	37.98 1.25 0.00	39.74 1.38 0.00	44.45 1.83 0.00	52.07 1.95 0.00	49.14 1.29 0.00	43.75 0.60 0.00	36.59 0.11 0.00	33.71 0.00 0.00	30.05 -0.15 0.00	28.93 -0.20 0.00	27.37 -0.39 0.00	28.44 -0.34 0.00	32.02 -0.10 0.00	43.16 0.72 0.00	55.18 2.07 0.00	59.81 2.58 0.00	56.85 2.39 0.00	49.54 2.09 0.00	43.45 1.71 0.00	39.67 1.49 0.00
E_CANADA_MHWK_HY 24050	41.33 0.25 0.00	39.74 0.20 0.00	38.02 0.19 0.00	36.56 0.22 0.00	36.99 0.26 0.00	38.71 0.34 0.00	43.05 0.43 0.00	50.67 0.55 0.00	48.38 0.53 0.00	43.62 0.48 0.00	36.85 0.36 0.00	34.05 0.34 0.00	30.47 0.27 0.00	29.37 0.23 0.00	27.98 0.22 0.00	29.01 0.23 0.00	32.40 0.29 0.00	42.87 0.42 0.00	53.80 0.69 0.00	58.04 0.80 0.00	55.16 0.71 0.00	48.07 0.62 0.00	42.24 0.50 0.00	38.65 0.46 0.00
E_FISHKILL__LBMP 23776	42.20 1.11 0.00	40.37 0.83 0.00	38.55 0.72 0.00	36.85 0.51 0.00	37.25 0.51 0.00	39.09 0.73 0.00	43.73 1.11 0.00	51.42 1.30 0.00	49.28 1.44 0.00	44.44 1.29 0.00	37.61 1.13 0.00	34.82 1.11 0.00	31.20 1.00 0.00	30.24 1.11 0.00	28.84 1.08 0.00	29.88 1.09 0.00	33.21 1.09 0.00	44.10 1.66 0.00	54.76 1.65 0.00	59.18 1.95 0.00	56.25 1.80 0.00	49.02 1.57 0.00	43.07 1.34 0.00	39.33 1.15 0.00
FALCON__SEABRD_CC1 323796	42.36 1.28 0.00	40.61 1.07 0.00	38.78 0.95 0.00	37.25 0.91 0.00	37.61 0.88 0.00	39.21 0.84 0.00	43.52 0.90 0.00	51.12 1.00 0.00	48.75 0.91 0.00	43.96 0.82 0.00	37.21 0.73 0.00	34.32 0.61 0.00	30.68 0.48 0.00	29.51 0.38 0.00	28.14 0.39 0.00	29.22 0.43 0.00	32.69 0.58 0.00	43.25 0.80 0.00	53.96 0.85 0.00	58.27 1.03 0.00	55.49 1.03 0.00	48.64 1.19 0.00	42.78 1.04 0.00	38.99 0.80 0.00
FALCON__SEABRD_CC2 323797	42.36 1.28 0.00	40.61 1.07 0.00	38.78 0.95 0.00	37.25 0.91 0.00	37.61 0.88 0.00	39.21 0.84 0.00	43.52 0.90 0.00	51.12 1.00 0.00	48.75 0.91 0.00	43.96 0.82 0.00	37.21 0.73 0.00	34.32 0.61 0.00	30.68 0.48 0.00	29.51 0.38 0.00	28.14 0.39 0.00	29.22 0.43 0.00	32.69 0.58 0.00	43.25 0.80 0.00	53.96 0.85 0.00	58.27 1.03 0.00	55.49 1.03 0.00	48.64 1.19 0.00	42.78 1.04 0.00	38.99 0.80 0.00

FAR ROCKAWAY___4 23548	43.35 2.26 0.00	41.24 1.70 0.00	39.23 1.40 0.00	37.47 1.13 0.00	37.94 1.21 0.00	39.71 1.34 0.00	44.45 1.83 0.00	52.48 2.36 0.00	50.58 2.73 0.00	45.56 2.42 0.00	39.02 2.52 -0.02	36.09 2.36 -0.02	32.32 2.11 0.00	31.42 2.27 -0.02	29.96 2.19 -0.02	31.02 2.22 -0.02	34.35 2.22 -0.02	45.68 3.23 -0.02	56.51 3.40 0.00	61.20 3.95 -0.02	58.10 3.65 0.00	50.68 3.23 0.00	44.49 2.75 0.00	40.68 2.48 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.69 1.60 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.93 1.80 0.00	49.91 2.06 0.00	45.08 1.94 0.00	38.16 1.68 0.00	35.33 1.62 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.36 1.61 0.00	30.40 1.61 0.00	33.66 1.54 0.00	44.82 2.38 0.00	55.40 2.28 0.00	59.81 2.58 0.00	56.85 2.40 0.00	49.64 2.18 0.00	43.57 1.84 0.00	39.75 1.57 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.69 1.60 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.93 1.80 0.00	49.91 2.06 0.00	45.08 1.94 0.00	38.16 1.68 0.00	35.33 1.62 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.36 1.61 0.00	30.40 1.61 0.00	33.66 1.54 0.00	44.82 2.38 0.00	55.40 2.28 0.00	59.81 2.58 0.00	56.91 2.45 0.00	49.68 2.23 0.00	43.61 1.88 0.00	39.75 1.57 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.77 1.68 0.00	40.77 1.23 0.00	38.85 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.93 1.80 0.00	49.91 2.06 0.00	45.04 1.90 0.00	38.16 1.68 0.00	35.29 1.58 0.00	31.65 1.45 0.00	30.77 1.63 0.00	29.36 1.61 0.00	30.40 1.61 0.00	33.66 1.54 0.00	44.78 2.33 0.00	55.34 2.23 0.00	59.76 2.52 0.00	56.85 2.40 0.00	49.64 2.18 0.00	43.57 1.84 0.00	39.71 1.53 0.00
FARRAGUT___LBMP 323566	42.61 1.52 0.00	40.73 1.19 0.00	38.85 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.07 1.45 0.00	51.88 1.75 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.12 1.64 0.00	35.29 1.58 0.00	31.65 1.45 0.00	30.77 1.63 0.00	29.34 1.58 0.00	30.37 1.58 0.00	33.62 1.51 0.00	44.78 2.33 0.00	55.34 2.23 0.00	59.76 2.52 0.00	56.80 2.34 0.00	49.59 2.14 0.00	43.53 1.79 0.00	39.71 1.53 0.00
FENNER___WINDPWR 24204	41.66 0.57 0.00	40.14 0.59 0.00	38.44 0.60 0.00	36.92 0.58 0.00	37.32 0.59 0.00	38.94 0.58 0.00	43.26 0.64 0.00	50.97 0.85 0.00	48.61 0.76 0.00	43.75 0.60 0.00	36.99 0.51 0.00	34.08 0.37 0.00	30.47 0.27 0.00	29.37 0.23 0.00	27.95 0.20 0.00	29.01 0.23 0.00	32.44 0.32 0.00	42.95 0.51 0.00	54.01 0.90 0.00	58.21 0.97 0.00	55.38 0.92 0.00	48.21 0.76 0.00	42.32 0.58 0.00	38.68 0.50 0.00
FIBERTEK___ENERGY 23856	41.00 -0.08 0.00	39.58 0.04 0.00	37.91 0.08 0.00	36.48 0.15 0.00	36.88 0.15 0.00	38.40 0.04 0.00	42.58 -0.04 0.00	50.17 0.05 0.00	47.90 0.05 0.00	43.27 0.13 0.00	36.59 0.11 0.00	33.71 0.00 0.00	30.23 0.03 0.00	29.13 0.00 0.00	27.73 -0.03 0.00	28.76 -0.03 0.00	32.05 -0.06 0.00	42.32 -0.13 0.00	53.11 0.00 0.00	57.12 -0.11 0.00	54.40 -0.05 0.00	47.36 -0.09 0.00	41.61 -0.13 0.00	38.11 -0.08 0.00
FITZPATRICK___ 23598	40.02 -1.07 0.00	38.64 -0.91 0.00	36.96 -0.87 0.00	35.54 -0.80 0.00	35.92 -0.81 0.00	37.48 -0.88 0.00	41.56 -1.06 0.00	48.87 -1.25 0.00	46.65 -1.19 0.00	42.11 -1.04 0.00	35.65 -0.84 0.00	32.90 -0.81 0.00	29.51 -0.69 0.00	28.46 -0.67 0.00	27.12 -0.64 0.00	28.12 -0.66 0.00	31.31 -0.80 0.00	41.30 -1.14 0.00	51.79 -1.33 0.00	55.75 -1.49 0.00	53.04 -1.42 0.00	46.17 -1.28 0.00	40.61 -1.12 0.00	37.19 -0.99 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.77 1.68 0.00	40.93 1.38 0.00	39.08 1.25 0.00	37.32 0.98 0.00	37.76 1.03 0.00	39.59 1.23 0.00	44.24 1.62 0.00	51.98 1.85 0.00	49.81 1.96 0.00	44.83 1.68 0.00	37.83 1.35 0.00	34.96 1.25 0.00	31.29 1.09 0.00	30.30 1.17 0.00	28.89 1.14 0.00	29.94 1.15 0.00	33.40 1.28 0.00	44.52 2.08 0.00	55.45 2.34 0.00	59.93 2.69 0.00	56.96 2.50 0.00	49.59 2.14 0.00	43.53 1.79 0.00	39.75 1.57 0.00
FORT ORANGE___ 23900	41.62 0.53 0.00	39.94 0.40 0.00	38.25 0.42 0.00	36.70 0.36 0.00	37.10 0.37 0.00	38.83 0.46 0.00	43.30 0.68 0.00	50.82 0.70 0.00	48.42 0.58 0.00	43.53 0.39 0.00	36.70 0.22 0.00	34.05 0.34 0.00	30.42 0.21 0.00	29.34 0.21 0.00	27.98 0.22 0.00	29.01 0.23 0.00	32.53 0.42 0.00	43.04 0.59 0.00	53.85 0.74 0.00	58.21 0.97 0.00	55.27 0.82 0.00	48.12 0.66 0.00	42.40 0.67 0.00	38.76 0.57 0.00
FORT_DRUM_COGEN 23780	41.87 0.78 0.00	40.02 0.47 0.00	38.29 0.45 0.00	36.85 0.51 0.00	37.17 0.44 0.00	38.79 0.42 0.00	43.22 0.60 0.00	51.02 0.90 0.00	48.37 0.53 0.00	43.27 0.13 0.00	36.56 0.07 0.00	33.54 -0.17 0.00	29.78 -0.42 0.00	28.61 -0.52 0.00	27.20 -0.56 0.00	28.38 -0.40 0.00	31.95 -0.16 0.00	42.66 0.21 0.00	54.33 1.22 0.00	58.84 1.60 0.00	55.82 1.36 0.00	48.74 1.28 0.00	42.69 0.96 0.00	38.76 0.57 0.00
FOX_HILLS___ESR 323835	42.77 1.69 0.00	40.81 1.27 0.00	38.89 1.06 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.15 1.53 0.00	51.58 1.45 0.00	49.81 1.96 0.00	45.21 2.07 0.00	38.27 1.79 0.00	35.39 1.68 0.00	31.77 1.57 0.00	30.88 1.75 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.13 2.18 0.16	54.85 2.00 4.39	54.91 1.90 1.45	49.78 2.32 0.00	43.78 2.04 0.00	40.21 2.02 0.00
FPL_FAR_ROCK_GT1 24212	43.43 2.34 0.00	41.28 1.74 0.00	39.35 1.51 0.00	37.57 1.24 0.00	38.02 1.28 0.00	39.82 1.46 0.00	44.58 1.96 0.00	52.48 2.36 0.00	50.72 2.87 0.00	45.64 2.50 0.00	39.01 2.52 -0.02	36.08 2.36 -0.02	32.32 2.11 0.00	31.39 2.24 -0.02	29.96 2.19 -0.02	31.02 2.22 -0.02	34.41 2.28 -0.02	45.68 3.22 -0.02	56.72 3.61 0.00	61.20 3.95 -0.02	58.10 3.65 0.00	50.68 3.23 0.00	44.61 2.88 0.00	40.80 2.60 -0.02
FPL_FAR_ROCK_GT2 23815	43.43 2.34 0.00	41.28 1.74 0.00	39.35 1.51 0.00	37.57 1.24 0.00	38.02 1.28 0.00	39.82 1.46 0.00	44.58 1.96 0.00	52.48 2.36 0.00	50.72 2.87 0.00	45.64 2.50 0.00	39.01 2.52 -0.02	36.08 2.36 -0.02	32.32 2.11 0.00	31.39 2.24 -0.02	29.96 2.19 -0.02	31.02 2.22 -0.02	34.41 2.28 -0.02	45.68 3.22 -0.02	56.72 3.61 0.00	61.20 3.95 -0.02	58.10 3.65 0.00	50.68 3.23 0.00	44.61 2.88 0.00	40.80 2.60 -0.02
FRANKLIN_FALL_HYD 24054	42.20 1.11 0.00	40.37 0.83 0.00	38.51 0.68 0.00	37.03 0.69 0.00	37.39 0.66 0.00	38.94 0.58 0.00	43.30 0.68 0.00	50.82 0.70 0.00	48.52 0.67 0.00	43.70 0.56 0.00	36.99 0.51 0.00	34.08 0.37 0.00	30.44 0.24 0.00	29.25 0.12 0.00	27.89 0.14 0.00	28.99 0.20 0.00	32.47 0.35 0.00	43.00 0.55 0.00	53.80 0.69 0.00	57.98 0.74 0.00	55.27 0.82 0.00	48.45 1.00 0.00	42.61 0.88 0.00	38.76 0.57 0.00

FREEPORT_EQUS_GT1 23764	43.26 2.18 0.00	41.13 1.58 0.00	39.16 1.32 0.00	37.39 1.05 0.00	37.83 1.10 0.00	39.63 1.26 0.00	44.41 1.79 0.00	52.28 2.15 0.00	50.53 2.68 0.00	45.47 2.33 0.00	38.90 2.41 -0.01	35.98 2.26 -0.01	32.23 2.02 0.00	31.30 2.16 -0.01	29.90 2.14 -0.01	30.96 2.16 -0.01	34.37 2.25 -0.01	45.55 3.10 -0.01	56.46 3.35 0.00	60.91 3.67 -0.01	57.83 3.38 0.00	50.45 2.99 0.00	44.45 2.71 0.00	40.68 2.48 -0.01
FREEPORT___CT2 23818	43.26 2.18 0.00	41.13 1.58 0.00	39.16 1.32 0.00	37.39 1.05 0.00	37.83 1.10 0.00	39.63 1.26 0.00	44.41 1.79 0.00	52.28 2.15 0.00	50.53 2.68 0.00	45.47 2.33 0.00	38.90 2.41 -0.01	35.98 2.26 -0.01	32.23 2.02 0.00	31.30 2.16 -0.01	29.90 2.14 -0.01	30.96 2.16 -0.01	34.37 2.25 -0.01	45.55 3.10 -0.01	56.46 3.35 0.00	60.91 3.67 -0.01	57.83 3.38 0.00	50.45 2.99 0.00	44.45 2.71 0.00	40.68 2.48 -0.01
FRESHKLS_33_KV_LOAD 356253	42.85 1.77 0.00	40.89 1.34 0.00	38.97 1.13 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.44 1.07 0.00	44.20 1.58 0.00	51.58 1.45 0.00	49.86 2.01 0.00	45.30 2.16 0.00	38.34 1.86 0.00	35.46 1.75 0.00	31.83 1.63 0.00	30.97 1.84 0.00	29.64 1.89 0.00	30.66 1.87 0.00	33.85 1.73 0.00	45.24 2.80 0.00	54.92 1.97 0.16	54.79 1.95 4.39	54.86 1.85 1.45	49.92 2.47 0.00	43.82 2.09 0.00	39.87 1.68 0.00
FULTON COGEN____ 23766	40.35 -0.74 0.00	38.95 -0.59 0.00	37.30 -0.53 0.00	35.87 -0.47 0.00	36.25 -0.48 0.00	37.79 -0.58 0.00	41.90 -0.72 0.00	49.32 -0.80 0.00	47.08 -0.77 0.00	42.54 -0.60 0.00	36.01 -0.47 0.00	33.17 -0.54 0.00	29.75 -0.45 0.00	28.67 -0.47 0.00	27.28 -0.47 0.00	28.30 -0.49 0.00	31.57 -0.55 0.00	41.64 -0.81 0.00	52.26 -0.85 0.00	56.26 -0.97 0.00	53.58 -0.87 0.00	46.60 -0.85 0.00	40.98 -0.75 0.00	37.54 -0.65 0.00
FULTON___LFGE 323630	42.89 1.81 0.00	41.08 1.54 0.00	39.35 1.51 0.00	37.79 1.46 0.00	38.20 1.47 0.00	39.97 1.61 0.00	44.75 2.13 0.00	52.43 2.31 0.00	49.33 1.48 0.00	43.92 0.78 0.00	36.67 0.18 0.00	33.78 0.07 0.00	30.05 -0.15 0.00	28.90 -0.23 0.00	27.37 -0.39 0.00	28.41 -0.38 0.00	32.08 -0.03 0.00	43.34 0.89 0.00	55.45 2.33 0.00	60.21 2.97 0.00	57.18 2.72 0.00	49.78 2.32 0.00	43.70 1.96 0.00	39.94 1.76 0.00
G.F.CEMENT___DRP 24184	42.69 1.60 0.00	40.93 1.38 0.00	39.16 1.32 0.00	37.61 1.27 0.00	37.98 1.25 0.00	39.82 1.46 0.00	44.62 2.00 0.00	52.38 2.26 0.00	49.76 1.91 0.00	44.83 1.68 0.00	37.61 1.13 0.00	34.69 0.98 0.00	30.78 0.57 0.00	29.57 0.44 0.00	28.12 0.36 0.00	29.16 0.37 0.00	32.85 0.74 0.00	43.76 1.32 0.00	55.13 2.02 0.00	59.81 2.58 0.00	56.80 2.34 0.00	49.45 1.99 0.00	43.44 1.71 0.00	39.79 1.60 0.00
GARDENVILLE___LBMP 24039	37.51 -3.57 0.00	37.41 -2.14 0.00	36.09 -1.74 0.00	35.07 -1.27 0.00	35.63 -1.10 0.00	36.33 -2.03 0.00	39.34 -3.28 0.00	45.76 -4.36 0.00	43.69 -4.16 0.00	39.86 -3.28 0.00	34.00 -2.48 0.00	30.88 -2.83 0.00	28.03 -2.17 0.00	26.95 -2.19 0.00	25.67 -2.08 0.00	26.77 -2.01 0.00	29.32 -2.79 0.00	38.24 -4.20 0.00	47.64 -5.47 0.00	51.11 -6.12 0.00	48.85 -5.61 0.00	42.04 -5.31 0.10	37.18 -4.55 0.00	34.48 -3.70 0.00
GARDNVLA_35_KV_LD 355827	37.64 -3.45 0.00	37.53 -2.02 0.00	36.21 -1.63 0.00	35.18 -1.16 0.00	35.74 -0.99 0.00	36.45 -1.92 0.00	39.47 -3.15 0.00	45.96 -4.16 0.00	43.88 -3.97 0.00	39.99 -3.15 0.00	34.15 -2.33 0.00	30.98 -2.73 0.00	28.15 -2.05 0.00	27.07 -2.07 0.00	25.76 -2.00 0.00	26.88 -1.90 0.00	29.45 -2.67 0.00	38.37 -4.07 0.00	47.85 -5.26 0.00	51.28 -5.95 0.00	49.01 -5.45 0.00	42.13 -5.22 0.10	37.31 -4.42 0.00	34.63 -3.55 0.00
GELCKHM___115KV_LOAD 80723	40.63 -0.45 0.00	39.27 -0.28 0.00	37.61 -0.23 0.00	36.16 -0.18 0.00	36.55 -0.18 0.00	38.09 -0.27 0.00	42.19 -0.43 0.00	49.72 -0.40 0.00	47.47 -0.38 0.00	42.88 -0.26 0.00	36.30 -0.18 0.00	33.44 -0.27 0.00	29.99 -0.21 0.00	28.90 -0.23 0.00	27.51 -0.25 0.00	28.53 -0.26 0.00	31.83 -0.29 0.00	41.98 -0.47 0.00	52.63 -0.48 0.00	56.66 -0.57 0.00	53.96 -0.49 0.00	46.93 -0.52 0.00	41.27 -0.46 0.00	37.80 -0.38 0.00
GENERAL___MILLS 23808	37.59 -3.49 0.00	37.53 -2.02 0.00	36.17 -1.66 0.00	35.14 -1.20 0.00	35.70 -1.03 0.00	36.41 -1.96 0.00	39.42 -3.20 0.00	45.91 -4.21 0.00	43.83 -4.02 0.00	39.95 -3.19 0.00	34.11 -2.37 0.00	30.95 -2.76 0.00	28.09 -2.11 0.00	27.04 -2.10 0.00	25.73 -2.03 0.00	26.83 -1.96 0.00	29.42 -2.70 0.00	38.33 -4.12 0.00	47.75 -5.36 0.00	51.23 -6.01 0.00	48.95 -5.50 0.00	42.09 -5.27 0.10	37.27 -4.47 0.00	34.60 -3.59 0.00
GE_PLASTICS___DRP 24183	41.50 0.41 0.00	39.86 0.32 0.00	38.10 0.26 0.00	36.56 0.22 0.00	36.95 0.22 0.00	38.71 0.35 0.00	43.13 0.51 0.00	50.67 0.55 0.00	48.33 0.48 0.00	43.49 0.35 0.00	36.70 0.22 0.00	34.05 0.34 0.00	30.47 0.27 0.00	29.40 0.26 0.00	28.03 0.28 0.00	29.07 0.29 0.00	32.50 0.39 0.00	42.95 0.51 0.00	53.64 0.53 0.00	57.98 0.74 0.00	55.11 0.65 0.00	47.98 0.52 0.00	42.23 0.50 0.00	38.68 0.50 0.00
GILBOA___1 23756	41.62 0.53 0.00	39.98 0.44 0.00	38.21 0.38 0.00	36.63 0.29 0.00	37.06 0.33 0.00	38.79 0.42 0.00	43.22 0.60 0.00	50.82 0.70 0.00	48.57 0.72 0.00	43.75 0.60 0.00	36.96 0.47 0.00	34.32 0.61 0.00	30.75 0.54 0.00	29.72 0.58 0.00	28.31 0.55 0.00	29.27 0.49 0.00	32.63 0.51 0.00	43.21 0.76 0.00	53.96 0.85 0.00	58.21 0.97 0.00	55.38 0.92 0.00	48.21 0.76 0.00	42.40 0.67 0.00	38.80 0.61 0.00
GILBOA___2 23757	41.62 0.53 0.00	39.98 0.44 0.00	38.21 0.38 0.00	36.63 0.29 0.00	37.06 0.33 0.00	38.79 0.42 0.00	43.22 0.60 0.00	50.82 0.70 0.00	48.57 0.72 0.00	43.75 0.60 0.00	36.96 0.47 0.00	34.32 0.61 0.00	30.75 0.54 0.00	29.72 0.58 0.00	28.31 0.55 0.00	29.27 0.49 0.00	32.63 0.51 0.00	43.21 0.76 0.00	53.96 0.85 0.00	58.21 0.97 0.00	55.38 0.92 0.00	48.21 0.76 0.00	42.40 0.67 0.00	38.80 0.61 0.00
GILBOA___3 23758	41.62 0.53 0.00	39.98 0.44 0.00	38.21 0.38 0.00	36.63 0.29 0.00	37.06 0.33 0.00	38.79 0.42 0.00	43.22 0.60 0.00	50.82 0.70 0.00	48.57 0.72 0.00	43.75 0.60 0.00	36.96 0.47 0.00	34.32 0.61 0.00	30.75 0.54 0.00	29.72 0.58 0.00	28.31 0.55 0.00	29.27 0.49 0.00	32.63 0.51 0.00	43.21 0.76 0.00	53.96 0.85 0.00	58.21 0.97 0.00	55.38 0.92 0.00	48.21 0.76 0.00	42.40 0.67 0.00	38.80 0.61 0.00
GILBOA___4 23759	41.62 0.53 0.00	39.98 0.44 0.00	38.21 0.38 0.00	36.63 0.29 0.00	37.06 0.33 0.00	38.79 0.42 0.00	43.22 0.60 0.00	50.82 0.70 0.00	48.57 0.72 0.00	43.75 0.60 0.00	36.96 0.47 0.00	34.32 0.61 0.00	30.75 0.54 0.00	29.72 0.58 0.00	28.31 0.55 0.00	29.27 0.49 0.00	32.63 0.51 0.00	43.21 0.76 0.00	53.96 0.85 0.00	58.21 0.97 0.00	55.38 0.92 0.00	48.21 0.76 0.00	42.40 0.67 0.00	38.80 0.61 0.00

GILBOA____ 23599	41.62 0.53 0.00	39.98 0.43 0.00	38.21 0.38 0.00	36.63 0.29 0.00	37.03 0.29 0.00	38.79 0.42 0.00	43.22 0.60 0.00	50.82 0.70 0.00	48.57 0.72 0.00	43.75 0.60 0.00	36.96 0.47 0.00	34.32 0.61 0.00	30.75 0.54 0.00	29.72 0.58 0.00	28.31 0.56 0.00	29.27 0.49 0.00	32.63 0.51 0.00	43.21 0.76 0.00	53.91 0.80 0.00	58.21 0.97 0.00	55.38 0.93 0.00	48.21 0.76 0.00	42.36 0.63 0.00	38.76 0.57 0.00
GINNA____ 23603	38.33 -2.75 0.00	37.53 -2.02 0.00	35.94 -1.89 0.00	34.74 -1.60 0.00	35.08 -1.65 0.00	36.45 -1.92 0.00	40.11 -2.51 0.00	47.06 -3.06 0.00	45.02 -2.82 0.00	40.90 -2.25 0.00	34.66 -1.82 0.00	31.65 -2.06 0.00	28.48 -1.72 0.00	27.41 -1.72 0.00	26.03 -1.72 0.00	27.03 -1.76 0.00	30.09 -2.02 0.00	39.56 -2.89 0.00	49.71 -3.40 0.00	53.34 -3.89 0.00	50.92 -3.54 0.00	44.15 -3.32 -0.02	38.77 -2.96 0.00	35.66 -2.52 0.00
GLEN PARK____ 23778	41.95 0.86 0.00	40.10 0.55 0.00	38.36 0.53 0.00	36.92 0.58 0.00	37.21 0.48 0.00	38.86 0.50 0.00	43.34 0.72 0.00	51.18 1.05 0.00	48.47 0.62 0.00	43.32 0.17 0.00	36.59 0.11 0.00	33.54 -0.17 0.00	29.81 -0.39 0.00	28.61 -0.52 0.00	27.20 -0.55 0.00	28.38 -0.40 0.00	31.96 -0.16 0.00	42.74 0.30 0.00	54.49 1.38 0.00	59.07 1.83 0.00	55.98 1.52 0.00	48.88 1.42 0.00	42.82 1.08 0.00	38.83 0.65 0.00
GLENDALE_27_KV_LOAD 356172	42.89 1.81 0.00	40.97 1.42 0.00	39.04 1.21 0.00	37.21 0.87 0.00	37.65 0.92 0.00	39.51 1.15 0.00	44.28 1.66 0.00	52.03 1.90 0.00	50.10 2.25 0.00	45.34 2.20 0.00	38.38 1.90 0.00	35.50 1.79 0.00	31.83 1.63 0.00	30.94 1.81 0.00	29.53 1.78 0.00	30.57 1.78 0.00	33.82 1.70 0.00	45.07 2.63 0.00	55.55 2.44 0.00	59.93 2.69 0.00	57.01 2.56 0.00	49.92 2.47 0.00	43.78 2.04 0.00	39.90 1.72 0.00
GLENWOOD_IC_1_G5 23712	42.98 1.89 0.00	40.97 1.42 0.00	39.01 1.17 0.00	37.25 0.91 0.00	37.69 0.96 0.00	39.51 1.15 0.00	44.24 1.62 0.00	52.18 2.05 0.00	50.19 2.34 0.00	45.26 2.11 0.00	38.61 2.12 -0.01	35.71 1.99 -0.01	31.98 1.78 0.00	31.10 1.95 -0.01	29.66 1.89 -0.01	30.70 1.90 -0.01	34.02 1.89 -0.01	45.22 2.76 -0.01	55.98 2.87 0.00	60.34 3.09 -0.01	57.29 2.83 0.00	50.11 2.66 0.00	44.03 2.30 0.00	40.22 2.02 -0.01
GLENWOOD_IC_2_G1 23688	42.77 1.69 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.18 0.84 0.00	37.58 0.85 0.00	39.44 1.07 0.00	44.15 1.53 0.00	51.92 1.80 0.00	50.00 2.16 0.00	45.09 1.94 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.82 1.69 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.82 1.70 0.00	44.90 2.46 0.00	55.77 2.65 0.00	60.04 2.80 0.00	57.07 2.61 0.00	49.78 2.32 0.00	43.82 2.09 0.00	40.06 1.87 0.00
GLENWOOD_IC_3_G1 23689	42.77 1.69 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.18 0.84 0.00	37.58 0.85 0.00	39.44 1.07 0.00	44.15 1.53 0.00	51.92 1.80 0.00	50.00 2.16 0.00	45.09 1.94 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.82 1.69 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.82 1.70 0.00	44.90 2.46 0.00	55.77 2.65 0.00	60.04 2.80 0.00	57.07 2.61 0.00	49.78 2.32 0.00	43.82 2.09 0.00	40.06 1.87 0.00
GLENWOOD___4 23550	42.98 1.89 0.00	40.97 1.42 0.00	39.01 1.17 0.00	37.25 0.91 0.00	37.69 0.96 0.00	39.51 1.15 0.00	44.24 1.62 0.00	52.18 2.05 0.00	50.19 2.34 0.00	45.26 2.11 0.00	38.61 2.12 -0.01	35.71 1.99 -0.01	31.98 1.78 0.00	31.10 1.95 -0.01	29.66 1.89 -0.01	30.70 1.90 -0.01	34.02 1.89 -0.01	45.22 2.76 -0.01	55.98 2.87 0.00	60.40 3.15 -0.01	57.40 2.94 0.00	50.11 2.66 0.00	44.03 2.30 0.00	40.22 2.02 -0.01
GLENWOOD___5 23614	42.98 1.89 0.00	40.97 1.42 0.00	39.01 1.17 0.00	37.25 0.91 0.00	37.69 0.96 0.00	39.51 1.15 0.00	44.24 1.62 0.00	52.18 2.05 0.00	50.19 2.34 0.00	45.26 2.11 0.00	38.61 2.12 -0.01	35.71 1.99 -0.01	31.98 1.78 0.00	31.10 1.95 -0.01	29.66 1.89 -0.01	30.70 1.90 -0.01	34.02 1.89 -0.01	45.22 2.76 -0.01	55.98 2.87 0.00	60.40 3.15 -0.01	57.40 2.94 0.00	50.11 2.66 0.00	44.03 2.30 0.00	40.22 2.02 -0.01
GLOBAL GREEN_PORT_GT1 23814	43.34 2.26 0.00	40.97 1.42 0.00	38.97 1.13 0.00	37.18 0.84 0.00	37.69 0.95 0.00	39.59 1.23 0.00	44.67 2.05 0.00	52.83 2.70 0.00	51.30 3.45 0.00	45.95 2.80 0.00	39.96 3.47 -0.01	36.92 3.20 -0.01	33.01 2.81 0.00	32.14 3.00 -0.01	30.90 3.14 -0.01	32.02 3.22 -0.01	35.66 3.53 -0.01	47.04 4.59 -0.01	58.26 5.15 0.00	62.80 5.55 -0.01	59.36 4.90 0.00	51.68 4.22 0.00	45.41 3.67 0.00	41.52 3.32 -0.01
GLOBE___DSASP 323697	36.61 -4.48 0.00	36.70 -2.85 0.00	35.45 -2.38 0.00	34.49 -1.85 0.00	35.01 -1.73 0.00	35.64 -2.72 0.00	37.97 -4.65 0.00	44.06 -6.06 0.00	42.06 -5.79 0.00	38.44 -4.70 0.00	32.83 -3.65 0.00	29.80 -3.91 0.00	27.09 -3.11 0.00	26.07 -3.06 0.00	24.81 -2.94 0.00	25.88 -2.91 0.00	28.33 -3.79 0.00	36.80 -5.64 0.00	45.78 -7.33 0.00	48.94 -8.30 0.00	46.89 -7.57 0.00	40.23 -7.12 0.10	35.81 -5.93 0.00	33.53 -4.66 0.00
GOETHSLN___LBMP 323567	42.43 1.36 0.01	40.52 0.99 0.01	38.66 0.83 0.01	36.88 0.55 0.01	37.31 0.59 0.01	39.20 0.84 0.01	43.89 1.28 0.01	51.67 1.55 0.01	49.66 1.82 0.01	44.82 1.68 0.01	37.97 1.50 0.01	35.12 1.42 0.01	31.49 1.30 0.01	30.61 1.49 0.01	29.22 1.47 0.01	30.24 1.47 0.01	33.49 1.38 0.01	44.56 2.12 0.01	54.91 1.97 0.17	55.07 2.23 4.40	55.07 2.07 1.45	49.39 1.95 0.01	43.35 1.63 0.01	39.51 1.34 0.01
GOLAH___69_KV_TB 1_2 80279	39.07 -2.01 0.00	38.36 -1.19 0.00	36.96 -0.87 0.00	35.79 -0.55 0.00	36.25 -0.48 0.00	37.44 -0.92 0.00	41.00 -1.62 0.00	47.87 -2.26 0.00	45.69 -2.15 0.00	41.50 -1.64 0.00	35.17 -1.31 0.00	32.09 -1.62 0.00	28.93 -1.27 0.00	27.85 -1.28 0.00	26.48 -1.28 0.00	27.55 -1.24 0.00	30.48 -1.64 0.00	39.98 -2.46 0.00	50.19 -2.92 0.00	54.03 -3.21 0.00	51.62 -2.83 0.00	44.77 -2.70 -0.02	39.40 -2.34 0.00	36.39 -1.79 0.00
GOODYEAR_LAKE_HYD 323669	42.11 1.03 0.00	40.45 0.91 0.00	38.70 0.87 0.00	37.14 0.80 0.00	37.54 0.81 0.00	39.25 0.88 0.00	43.73 1.11 0.00	51.42 1.30 0.00	49.04 1.20 0.00	44.09 0.95 0.00	37.25 0.77 0.00	34.38 0.67 0.00	30.75 0.54 0.00	29.66 0.52 0.00	28.20 0.44 0.00	29.25 0.46 0.00	32.66 0.55 0.00	43.46 1.02 0.00	54.65 1.54 0.00	59.01 1.77 0.00	56.09 1.63 0.00	48.83 1.38 0.00	42.86 1.13 0.00	39.14 0.95 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.96 -0.12 0.00	39.66 0.12 0.00	38.02 0.19 0.00	36.56 0.22 0.00	36.99 0.26 0.00	38.44 0.08 0.00	42.58 -0.04 0.00	49.97 -0.15 0.00	47.70 -0.14 0.00	43.10 -0.04 0.00	36.52 0.04 0.00	33.58 -0.13 0.00	30.14 -0.06 0.00	29.05 -0.09 0.00	27.64 -0.11 0.00	28.76 -0.03 0.00	32.02 -0.10 0.00	42.27 -0.17 0.00	53.01 -0.11 0.00	57.01 -0.23 0.00	54.35 -0.11 0.00	47.20 -0.24 0.02	41.48 -0.25 0.00	38.07 -0.11 0.00

GOWANUS_GT4_5 24134	42.77 1.68 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.15 1.53 0.00	51.73 1.60 0.00	49.91 2.06 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.78 1.67 0.00	45.07 2.63 0.00	55.29 2.18 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.74 2.00 0.00	39.79 1.60 0.00
GOWANUS_GT4_6 24135	42.77 1.68 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.15 1.53 0.00	51.73 1.60 0.00	49.91 2.06 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.78 1.67 0.00	45.07 2.63 0.00	55.29 2.18 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.74 2.00 0.00	39.79 1.60 0.00
GOWANUS_GT4_7 24136	42.77 1.68 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.15 1.53 0.00	51.73 1.60 0.00	49.91 2.06 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.78 1.67 0.00	45.07 2.63 0.00	55.29 2.18 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.74 2.00 0.00	39.79 1.60 0.00
GOWANUS_GT4_8 24137	42.77 1.68 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.15 1.53 0.00	51.73 1.60 0.00	49.91 2.06 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.78 1.67 0.00	45.07 2.63 0.00	55.29 2.18 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.74 2.00 0.00	39.79 1.60 0.00
GREATVR_69_KV_BK1 356245	43.72 2.63 0.00	41.48 1.94 0.00	39.42 1.59 0.00	37.61 1.27 0.00	38.09 1.36 0.00	39.86 1.50 0.00	44.79 2.17 0.00	52.93 2.81 0.00	51.05 3.21 0.00	45.90 2.76 0.00	39.59 3.10 -0.01	36.58 2.87 -0.01	32.71 2.51 0.00	31.85 2.71 -0.01	30.43 2.66 -0.01	31.53 2.73 -0.01	34.95 2.83 -0.01	46.40 3.95 0.00	57.25 4.14 0.00	62.05 4.81 -0.01	58.87 4.41 0.00	51.30 3.84 0.00	45.07 3.34 0.00	41.17 2.98 -0.01
GREENBSH_115KV_TB3 55895	41.42 0.33 0.00	39.78 0.24 0.00	38.02 0.19 0.00	36.48 0.15 0.00	36.88 0.15 0.00	38.63 0.27 0.00	43.05 0.43 0.00	50.62 0.50 0.00	48.23 0.38 0.00	43.40 0.26 0.00	36.63 0.15 0.00	34.01 0.30 0.00	30.38 0.18 0.00	29.34 0.20 0.00	27.95 0.19 0.00	29.01 0.23 0.00	32.47 0.35 0.00	42.87 0.42 0.00	53.54 0.42 0.00	57.87 0.63 0.00	54.94 0.49 0.00	47.83 0.38 0.00	42.19 0.46 0.00	38.61 0.42 0.00
GREENIDGE_115KV_TB5 80291	40.51 -0.58 0.00	39.50 -0.04 0.00	37.95 0.11 0.00	36.59 0.25 0.00	37.03 0.29 0.00	38.32 -0.04 0.00	42.28 -0.34 0.00	49.67 -0.45 0.00	47.51 -0.33 0.00	42.97 -0.17 0.00	36.37 -0.11 0.00	33.24 -0.47 0.00	29.84 -0.36 0.00	28.70 -0.44 0.00	27.31 -0.44 0.00	28.32 -0.46 0.00	31.54 -0.58 0.00	41.68 -0.76 0.00	52.10 -1.01 0.00	55.58 -1.66 0.00	53.04 -1.42 0.00	46.53 -0.90 0.02	40.94 -0.79 0.00	37.61 -0.57 0.00
GREENIDGE___3 23582	40.51 -0.58 0.00	39.50 -0.04 0.00	37.95 0.11 0.00	36.59 0.25 0.00	37.03 0.29 0.00	38.32 -0.04 0.00	42.28 -0.34 0.00	49.67 -0.45 0.00	47.51 -0.33 0.00	42.97 -0.17 0.00	36.37 -0.11 0.00	33.24 -0.47 0.00	29.84 -0.36 0.00	28.70 -0.44 0.00	27.31 -0.44 0.00	28.32 -0.46 0.00	31.54 -0.58 0.00	41.68 -0.76 0.00	52.10 -1.01 0.00	55.58 -1.66 0.00	53.04 -1.42 0.00	46.53 -0.90 0.02	40.94 -0.79 0.00	37.61 -0.57 0.00
GREENIDGE___4 23583	40.51 -0.58 0.00	39.58 0.04 0.00	37.91 0.08 0.00	36.56 0.22 0.00	36.99 0.26 0.00	38.36 0.00 0.00	42.24 -0.38 0.00	49.67 -0.45 0.00	47.52 -0.33 0.00	42.97 -0.17 0.00	36.37 -0.11 0.00	33.24 -0.47 0.00	29.84 -0.36 0.00	28.73 -0.41 0.00	27.31 -0.45 0.00	28.35 -0.43 0.00	31.57 -0.55 0.00	41.68 -0.76 0.00	52.10 -1.01 0.00	55.58 -1.66 0.00	53.04 -1.42 0.00	46.49 -0.95 0.02	40.86 -0.88 0.00	37.61 -0.57 0.00
GREENLWN_69_KV_BK 3 55738	43.06 1.97 0.00	40.89 1.34 0.00	38.89 1.06 0.00	37.10 0.76 0.00	37.58 0.84 0.00	39.36 1.00 0.00	44.15 1.53 0.00	52.08 1.95 0.00	50.24 2.39 0.00	45.26 2.11 0.00	38.86 2.37 -0.01	35.94 2.22 -0.01	32.17 1.96 0.00	31.30 2.16 -0.01	29.87 2.11 -0.01	30.95 2.16 -0.01	34.28 2.15 -0.01	45.51 3.06 0.00	56.09 2.97 0.00	60.74 3.49 -0.01	57.61 3.16 0.00	50.30 2.85 0.00	44.28 2.55 0.00	40.45 2.25 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.77 1.68 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.15 1.53 0.00	51.73 1.60 0.00	49.91 2.06 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.78 1.67 0.00	45.07 2.63 0.00	55.29 2.18 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.74 2.00 0.00	39.79 1.60 0.00
GRISSOM___SOLAR 323813	42.81 1.73 0.00	41.05 1.50 0.00	39.27 1.44 0.00	37.75 1.42 0.00	38.13 1.40 0.00	39.94 1.57 0.00	44.67 2.05 0.00	52.32 2.20 0.00	49.24 1.39 0.00	43.79 0.65 0.00	36.59 0.11 0.00	33.71 0.00 0.00	29.99 -0.21 0.00	28.84 -0.29 0.00	27.37 -0.39 0.00	28.38 -0.40 0.00	32.05 -0.06 0.00	43.29 0.85 0.00	55.34 2.23 0.00	60.10 2.86 0.00	57.07 2.61 0.00	49.68 2.23 0.00	43.61 1.88 0.00	39.86 1.68 0.00
GROVEVILLE___HYD 323602	42.77 1.68 0.00	40.93 1.38 0.00	39.08 1.25 0.00	37.32 0.98 0.00	37.76 1.03 0.00	39.59 1.23 0.00	44.24 1.62 0.00	51.98 1.85 0.00	49.81 1.96 0.00	44.83 1.68 0.00	37.83 1.35 0.00	34.96 1.25 0.00	31.29 1.09 0.00	30.30 1.17 0.00	28.89 1.14 0.00	29.94 1.15 0.00	33.40 1.28 0.00	44.52 2.08 0.00	55.45 2.34 0.00	59.93 2.69 0.00	56.96 2.50 0.00	49.59 2.14 0.00	43.53 1.79 0.00	39.75 1.57 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.00 -0.08 0.00	39.58 0.04 0.00	37.91 0.08 0.00	36.48 0.15 0.00	36.88 0.15 0.00	38.40 0.04 0.00	42.58 -0.04 0.00	50.17 0.05 0.00	47.90 0.05 0.00	43.27 0.13 0.00	36.59 0.11 0.00	33.71 0.00 0.00	30.23 0.03 0.00	29.13 0.00 0.00	27.73 -0.03 0.00	28.76 -0.03 0.00	32.05 -0.06 0.00	42.32 -0.13 0.00	53.11 0.00 0.00	57.12 -0.11 0.00	54.40 -0.05 0.00	47.36 -0.09 0.00	41.61 -0.13 0.00	38.11 -0.08 0.00
HAMLTNNY_34_KV_TB 80303	41.05 -0.04 0.00	39.66 0.12 0.00	38.02 0.19 0.00	36.59 0.25 0.00	36.99 0.26 0.00	38.52 0.15 0.00	42.66 0.04 0.00	50.22 0.10 0.00	47.94 0.10 0.00	43.36 0.22 0.00	36.67 0.18 0.00	33.71 0.00 0.00	30.23 0.03 0.00	29.13 0.00 0.00	27.73 -0.03 0.00	28.76 -0.03 0.00	32.05 -0.06 0.00	42.32 -0.13 0.00	53.11 0.00 0.00	57.12 -0.11 0.00	54.45 0.00 0.00	47.36 -0.09 0.00	41.61 -0.13 0.00	38.15 -0.04 0.00

HAMPSHIRE___PAPER_HYD 323593	41.00 -0.08 0.00	39.23 -0.32 0.00	37.45 -0.38 0.00	36.01 -0.33 0.00	36.33 -0.40 0.00	37.90 -0.46 0.00	42.19 -0.43 0.00	49.67 -0.45 0.00	47.22 -0.62 0.00	42.37 -0.78 0.00	35.86 -0.62 0.00	33.00 -0.71 0.00	29.39 -0.81 0.00	28.26 -0.87 0.00	26.92 -0.83 0.00	28.01 -0.78 0.00	31.41 -0.71 0.00	41.76 -0.68 0.00	52.53 -0.58 0.00	56.84 -0.40 0.00	54.02 -0.44 0.00	47.31 -0.14 0.00	41.61 -0.12 0.00	37.80 -0.38 0.00
HARDSCRABBLE_WT_PWR 323673	41.21 0.12 0.00	39.62 0.08 0.00	37.91 0.08 0.00	36.45 0.11 0.00	36.88 0.15 0.00	38.59 0.23 0.00	42.96 0.34 0.00	50.57 0.45 0.00	48.28 0.43 0.00	43.49 0.34 0.00	36.77 0.29 0.00	33.98 0.27 0.00	30.42 0.21 0.00	29.31 0.18 0.00	27.92 0.17 0.00	28.93 0.14 0.00	32.31 0.19 0.00	42.78 0.34 0.00	53.64 0.53 0.00	57.87 0.63 0.00	55.00 0.54 0.00	47.93 0.47 0.00	42.15 0.42 0.00	38.53 0.34 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.44 1.36 0.00	40.57 1.03 0.00	38.74 0.91 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.28 0.92 0.00	43.86 1.24 0.00	51.52 1.40 0.00	49.43 1.58 0.00	44.52 1.38 0.00	37.65 1.17 0.00	34.79 1.08 0.00	31.17 0.97 0.00	30.21 1.08 0.00	28.84 1.08 0.00	29.85 1.07 0.00	33.24 1.12 0.00	44.27 1.83 0.00	55.02 1.91 0.00	59.47 2.23 0.00	56.52 2.07 0.00	49.21 1.76 0.00	43.19 1.46 0.00	39.45 1.26 0.00
HARSNRAD_115KV_TB1 81005	36.73 -4.36 0.00	36.78 -2.77 0.00	35.49 -2.35 0.00	34.56 -1.78 0.00	35.08 -1.65 0.00	35.72 -2.65 0.00	38.53 -4.09 0.00	44.76 -5.36 0.00	42.73 -5.12 0.00	39.00 -4.14 0.00	33.31 -3.17 0.00	30.20 -3.51 0.00	27.42 -2.78 0.00	26.37 -2.77 0.00	25.09 -2.66 0.00	26.19 -2.59 0.00	28.68 -3.44 0.00	37.35 -5.09 0.00	46.53 -6.59 0.00	49.85 -7.38 0.00	47.70 -6.75 0.00	41.20 -6.12 0.14	36.39 -5.34 0.00	33.87 -4.32 0.00
HARZA MOOSE___RIVER 24016	41.74 0.66 0.00	40.02 0.47 0.00	38.29 0.45 0.00	36.81 0.47 0.00	37.17 0.44 0.00	38.79 0.42 0.00	43.17 0.55 0.00	50.92 0.80 0.00	48.42 0.57 0.00	43.49 0.35 0.00	36.77 0.29 0.00	33.84 0.13 0.00	30.20 0.00 0.00	29.08 -0.06 0.00	27.67 -0.08 0.00	28.76 -0.03 0.00	32.24 0.13 0.00	42.83 0.38 0.00	54.01 0.90 0.00	58.32 1.09 0.00	55.38 0.93 0.00	48.36 0.90 0.00	42.44 0.71 0.00	38.68 0.50 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.72 -0.37 0.00	39.31 -0.24 0.00	37.68 -0.15 0.00	36.23 -0.11 0.00	36.62 -0.11 0.00	38.13 -0.23 0.00	42.28 -0.34 0.00	49.77 -0.35 0.00	47.51 -0.33 0.00	42.93 -0.22 0.00	36.34 -0.15 0.00	33.47 -0.24 0.00	30.05 -0.15 0.00	28.96 -0.17 0.00	27.56 -0.19 0.00	28.58 -0.20 0.00	31.86 -0.26 0.00	42.02 -0.42 0.00	52.74 -0.37 0.00	56.72 -0.52 0.00	54.02 -0.44 0.00	47.03 -0.43 0.00	41.32 -0.42 0.00	37.84 -0.34 0.00
HELLGATE_13_KV_LD 55870	42.89 1.81 0.00	41.01 1.46 0.00	39.08 1.25 0.00	37.25 0.91 0.00	37.69 0.96 0.00	39.51 1.15 0.00	44.28 1.66 0.00	52.03 1.90 0.00	50.10 2.25 0.00	45.34 2.20 0.00	38.38 1.90 0.00	35.50 1.79 0.00	31.83 1.63 0.00	30.97 1.84 0.00	29.53 1.78 0.00	30.57 1.78 0.00	33.82 1.70 0.00	45.12 2.67 0.00	55.55 2.44 0.00	59.87 2.63 0.00	57.01 2.56 0.00	49.92 2.47 0.00	43.78 2.04 0.00	39.90 1.72 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.89 1.81 0.00	41.01 1.46 0.00	39.08 1.25 0.00	37.25 0.91 0.00	37.69 0.96 0.00	39.51 1.15 0.00	44.28 1.66 0.00	52.03 1.90 0.00	50.10 2.25 0.00	45.34 2.20 0.00	38.38 1.90 0.00	35.50 1.79 0.00	31.83 1.63 0.00	30.97 1.84 0.00	29.53 1.78 0.00	30.57 1.78 0.00	33.82 1.70 0.00	45.12 2.67 0.00	55.55 2.44 0.00	59.87 2.63 0.00	57.01 2.56 0.00	49.92 2.47 0.00	43.78 2.04 0.00	39.90 1.72 0.00
HEMPSTEAD___ 23647	43.14 2.05 0.00	41.01 1.46 0.00	39.08 1.25 0.00	37.32 0.98 0.00	37.76 1.03 0.00	39.59 1.23 0.00	44.33 1.71 0.00	52.18 2.06 0.00	50.43 2.58 0.00	45.39 2.24 0.00	38.76 2.26 -0.01	35.85 2.13 -0.01	32.11 1.90 0.00	31.18 2.04 -0.01	29.77 2.00 -0.01	30.81 2.01 -0.01	34.21 2.09 -0.01	45.38 2.93 0.00	56.24 3.13 -0.01	60.63 3.38 0.00	57.56 3.10 0.00	50.25 2.80 0.00	44.24 2.50 0.00	40.49 2.29 -0.01
HICKLING___1 23621	40.14 -0.94 0.00	39.27 -0.28 0.00	37.76 -0.08 0.00	36.45 0.11 0.00	36.92 0.18 0.00	38.09 -0.27 0.00	41.85 -0.77 0.00	49.27 -0.85 0.00	47.03 -0.81 0.00	42.58 -0.56 0.00	36.15 -0.33 0.00	33.07 -0.64 0.00	29.75 -0.45 0.00	28.61 -0.52 0.00	27.23 -0.53 0.00	28.21 -0.58 0.00	31.28 -0.83 0.00	41.21 -1.23 0.00	51.73 -1.38 0.00	55.52 -1.72 0.00	52.98 -1.47 0.00	45.95 -1.47 0.03	40.40 -1.34 0.00	37.19 -0.99 0.00
HICKLING___2 23622	40.14 -0.94 0.00	39.27 -0.28 0.00	37.76 -0.08 0.00	36.45 0.11 0.00	36.92 0.18 0.00	38.09 -0.27 0.00	41.85 -0.77 0.00	49.27 -0.85 0.00	47.03 -0.81 0.00	42.58 -0.56 0.00	36.15 -0.33 0.00	33.07 -0.64 0.00	29.75 -0.45 0.00	28.61 -0.52 0.00	27.23 -0.53 0.00	28.21 -0.58 0.00	31.28 -0.83 0.00	41.21 -1.23 0.00	51.73 -1.38 0.00	55.52 -1.72 0.00	52.98 -1.47 0.00	45.95 -1.47 0.03	40.40 -1.34 0.00	37.19 -0.99 0.00
HIGH FALLS___HY 23754	42.77 1.68 0.00	40.93 1.38 0.00	39.08 1.25 0.00	37.28 0.94 0.00	37.72 0.99 0.00	39.59 1.23 0.00	44.20 1.58 0.00	51.88 1.75 0.00	49.76 1.91 0.00	44.70 1.55 0.00	37.76 1.28 0.00	34.89 1.18 0.00	31.23 1.03 0.00	30.27 1.14 0.00	28.89 1.14 0.00	29.91 1.12 0.00	33.34 1.22 0.00	44.57 2.12 0.00	55.55 2.44 0.00	60.04 2.80 0.00	57.01 2.56 0.00	49.64 2.18 0.00	43.53 1.79 0.00	39.75 1.57 0.00
HIGH_RIVER___SOLAR 323847	42.20 1.11 0.00	40.45 0.91 0.00	38.74 0.91 0.00	37.21 0.87 0.00	37.58 0.85 0.00	39.32 0.96 0.00	43.94 1.32 0.00	51.52 1.40 0.00	48.75 0.91 0.00	43.53 0.39 0.00	36.45 -0.04 0.00	33.74 0.03 0.00	30.14 -0.06 0.00	29.02 -0.12 0.00	27.56 -0.19 0.00	28.58 -0.20 0.00	32.18 0.06 0.00	43.08 0.64 0.00	54.55 1.43 0.00	59.07 1.83 0.00	56.14 1.69 0.00	48.88 1.42 0.00	42.94 1.21 0.00	39.25 1.07 0.00
HILLBURN___GT 23639	42.32 1.23 0.00	40.45 0.91 0.00	38.63 0.80 0.00	36.88 0.55 0.00	37.32 0.59 0.00	39.17 0.81 0.00	43.77 1.15 0.00	51.48 1.35 0.00	49.42 1.58 0.00	44.56 1.42 0.00	37.72 1.24 0.00	34.89 1.18 0.00	31.26 1.06 0.00	30.33 1.19 0.00	28.92 1.17 0.00	29.97 1.18 0.00	33.33 1.22 0.00	44.27 1.82 0.00	55.08 1.97 0.00	59.36 2.12 0.00	56.41 1.96 0.00	49.16 1.71 0.00	43.19 1.46 0.00	39.49 1.30 0.00
HILLSIDE_115KV_TB1 80332	39.57 -1.52 0.00	38.67 -0.87 0.00	37.15 -0.68 0.00	35.83 -0.51 0.00	36.29 -0.44 0.00	37.52 -0.84 0.00	41.30 -1.32 0.00	48.57 -1.55 0.00	46.36 -1.48 0.00	41.98 -1.16 0.00	35.68 -0.80 0.00	32.67 -1.05 0.00	29.42 -0.79 0.00	28.32 -0.82 0.00	26.98 -0.78 0.00	27.92 -0.86 0.00	30.96 -1.16 0.00	40.75 -1.70 0.00	51.04 -2.07 0.00	54.83 -2.40 0.00	52.33 -2.12 0.00	45.38 -2.04 0.03	39.90 -1.84 0.00	36.74 -1.45 0.00

HISHELDN_WT_PWR 323625	37.92 -3.16 0.00	37.84 -1.70 0.00	36.32 -1.51 0.00	35.14 -1.20 0.00	35.70 -1.03 0.00	36.60 -1.76 0.00	39.64 -2.98 0.00	46.31 -3.81 0.00	44.21 -3.64 0.00	40.21 -2.94 0.00	34.29 -2.19 0.00	31.18 -2.53 0.00	28.24 -1.96 0.00	27.18 -1.95 0.00	25.81 -1.94 0.00	26.94 -1.84 0.00	29.64 -2.47 0.00	38.67 -3.78 0.00	48.33 -4.78 0.00	51.85 -5.38 0.00	49.50 -4.95 0.00	42.63 -4.74 0.08	37.48 -4.26 0.00	34.75 -3.44 0.00
HOLTSVILLE_IC_1 23690	43.43 2.34 0.00	41.17 1.62 0.00	39.16 1.32 0.00	37.35 1.02 0.00	37.83 1.10 0.00	39.63 1.26 0.00	44.49 1.87 0.00	52.38 2.26 0.00	50.77 2.92 0.00	45.60 2.46 0.00	39.26 2.77 -0.01	36.31 2.60 -0.01	32.47 2.27 0.00	31.56 2.42 -0.01	30.21 2.44 -0.01	31.27 2.48 -0.01	34.76 2.63 -0.01	45.97 3.52 0.00	56.88 3.77 0.00	61.42 4.18 -0.01	58.21 3.75 0.00	50.77 3.32 0.00	44.74 3.01 0.00	40.91 2.71 -0.01
HOLTSVILLE_IC_10 23699	43.55 2.47 0.00	41.28 1.74 0.00	39.27 1.44 0.00	37.47 1.13 0.00	37.94 1.21 0.00	39.74 1.38 0.00	44.62 2.00 0.00	52.58 2.46 0.00	50.96 3.11 0.00	45.73 2.59 0.00	39.45 2.95 -0.01	36.45 2.73 -0.01	32.59 2.39 0.00	31.68 2.53 -0.01	30.35 2.58 -0.01	31.41 2.62 -0.01	34.92 2.79 -0.01	46.19 3.74 0.00	57.15 4.03 0.00	61.71 4.47 -0.01	58.48 4.03 0.00	51.01 3.56 0.00	44.90 3.17 0.00	41.06 2.87 -0.01
HOLTSVILLE_IC_2 23691	43.43 2.34 0.00	41.17 1.62 0.00	39.16 1.32 0.00	37.35 1.02 0.00	37.83 1.10 0.00	39.63 1.26 0.00	44.49 1.87 0.00	52.38 2.26 0.00	50.77 2.92 0.00	45.60 2.46 0.00	39.26 2.77 -0.01	36.31 2.60 -0.01	32.47 2.27 0.00	31.56 2.42 -0.01	30.21 2.44 -0.01	31.27 2.48 -0.01	34.76 2.63 -0.01	45.97 3.52 0.00	56.88 3.77 0.00	61.42 4.18 -0.01	58.21 3.75 0.00	50.77 3.32 0.00	44.74 3.01 0.00	40.91 2.71 -0.01
HOLTSVILLE_IC_3 23692	43.43 2.34 0.00	41.17 1.62 0.00	39.16 1.32 0.00	37.35 1.02 0.00	37.83 1.10 0.00	39.63 1.26 0.00	44.49 1.87 0.00	52.38 2.26 0.00	50.77 2.92 0.00	45.60 2.46 0.00	39.26 2.77 -0.01	36.31 2.60 0.00	32.47 2.27 0.00	31.56 2.42 -0.01	30.21 2.44 -0.01	31.27 2.48 -0.01	34.76 2.63 -0.01	45.97 3.52 0.00	56.88 3.77 0.00	61.42 4.18 -0.01	58.21 3.75 0.00	50.77 3.32 0.00	44.74 3.01 0.00	40.91 2.71 -0.01
HOLTSVILLE_IC_4 23693	43.43 2.34 0.00	41.17 1.62 0.00	39.16 1.32 0.00	37.35 1.02 0.00	37.83 1.10 0.00	39.63 1.26 0.00	44.49 1.87 0.00	52.38 2.26 0.00	50.77 2.92 0.00	45.60 2.46 0.00	39.26 2.77 -0.01	36.31 2.60 -0.01	32.47 2.27 0.00	31.56 2.42 -0.01	30.21 2.44 -0.01	31.27 2.48 -0.01	34.76 2.63 -0.01	45.97 3.52 0.00	56.88 3.77 0.00	61.42 4.18 -0.01	58.21 3.75 0.00	50.77 3.32 0.00	44.74 3.01 0.00	40.91 2.71 -0.01
HOLTSVILLE_IC_5 23694	43.43 2.34 0.00	41.17 1.62 0.00	39.16 1.32 0.00	37.35 1.02 0.00	37.83 1.10 0.00	39.63 1.26 0.00	44.49 1.87 0.00	52.38 2.26 0.00	50.77 2.92 0.00	45.60 2.46 0.00	39.26 2.77 -0.01	36.31 2.60 -0.01	32.47 2.27 0.00	31.56 2.42 -0.01	30.21 2.44 -0.01	31.27 2.48 -0.01	34.76 2.63 -0.01	45.97 3.52 0.00	56.88 3.77 0.00	61.42 4.18 -0.01	58.21 3.75 0.00	50.77 3.32 0.00	44.74 3.01 0.00	40.91 2.71 -0.01
HOLTSVILLE_IC_6 23695	43.55 2.47 0.00	41.28 1.74 0.00	39.27 1.44 0.00	37.47 1.13 0.00	37.94 1.21 0.00	39.74 1.38 0.00	44.62 2.00 0.00	52.58 2.46 0.00	50.96 3.11 0.00	45.73 2.59 0.00	39.45 2.95 -0.01	36.45 2.73 -0.01	32.59 2.39 0.00	31.68 2.53 -0.01	30.35 2.58 -0.01	31.41 2.62 -0.01	34.92 2.79 -0.01	46.19 3.74 0.00	57.15 4.03 0.00	61.71 4.47 -0.01	58.48 4.03 0.00	51.01 3.56 0.00	44.90 3.17 0.00	41.06 2.87 -0.01
HOLTSVILLE_IC_7 23696	43.55 2.47 0.00	41.28 1.74 0.00	39.27 1.44 0.00	37.47 1.13 0.00	37.94 1.21 0.00	39.74 1.38 0.00	44.62 2.00 0.00	52.58 2.46 0.00	50.96 3.11 0.00	45.73 2.59 0.00	39.45 2.95 -0.01	36.45 2.73 -0.01	32.59 2.39 0.00	31.68 2.53 -0.01	30.35 2.58 -0.01	31.41 2.62 -0.01	34.92 2.79 -0.01	46.19 3.74 0.00	57.15 4.03 0.00	61.71 4.47 -0.01	58.48 4.03 0.00	51.01 3.56 0.00	44.90 3.17 0.00	41.06 2.87 -0.01
HOLTSVILLE_IC_8 23697	43.55 2.47 0.00	41.28 1.74 0.00	39.27 1.44 0.00	37.47 1.13 0.00	37.94 1.21 0.00	39.74 1.38 0.00	44.62 2.00 0.00	52.58 2.46 0.00	50.96 3.11 0.00	45.73 2.59 0.00	39.45 2.95 -0.01	36.45 2.73 -0.01	32.59 2.39 0.00	31.68 2.53 -0.01	30.35 2.58 -0.01	31.41 2.62 -0.01	34.92 2.79 -0.01	46.19 3.74 0.00	57.15 4.03 0.00	61.71 4.47 -0.01	58.48 4.03 0.00	51.01 3.56 0.00	44.90 3.17 0.00	41.06 2.87 -0.01
HOLTSVILLE_IC_9 23698	43.55 2.47 0.00	41.28 1.74 0.00	39.27 1.44 0.00	37.47 1.13 0.00	37.94 1.21 0.00	39.74 1.38 0.00	44.62 2.00 0.00	52.58 2.46 0.00	50.96 3.11 0.00	45.73 2.59 0.00	39.45 2.95 -0.01	36.45 2.73 -0.01	32.59 2.39 0.00	31.68 2.53 -0.01	30.35 2.58 -0.01	31.41 2.62 -0.01	34.92 2.79 -0.01	46.19 3.74 0.00	57.15 4.03 0.00	61.71 4.47 -0.01	58.48 4.03 0.00	51.01 3.56 0.00	44.90 3.17 0.00	41.06 2.87 -0.01
HOMER_HL_115KV_TB2 355744	38.50 -2.59 0.00	38.16 -1.38 0.00	36.74 -1.10 0.00	35.65 -0.69 0.00	36.18 -0.55 0.00	37.02 -1.34 0.00	40.36 -2.26 0.00	47.11 -3.01 0.00	44.93 -2.92 0.00	40.86 -2.29 0.00	34.88 -1.61 0.00	31.69 -2.02 0.00	28.75 -1.45 0.00	27.68 -1.46 0.00	26.37 -1.39 0.00	27.46 -1.32 0.00	30.16 -1.96 0.00	39.39 -3.06 0.00	49.18 -3.93 0.00	52.77 -4.46 0.00	50.42 -4.03 0.00	43.43 -3.94 0.08	38.27 -3.46 0.00	35.40 -2.79 0.00
HOWARD_WT_PWR 323690	39.73 -1.35 0.00	39.23 -0.32 0.00	37.61 -0.23 0.00	36.30 -0.04 0.00	36.81 0.07 0.00	37.90 -0.46 0.00	41.47 -1.15 0.00	48.82 -1.30 0.00	46.60 -1.24 0.00	42.28 -0.86 0.00	35.94 -0.55 0.00	32.77 -0.94 0.00	29.51 -0.69 0.00	28.38 -0.76 0.00	26.95 -0.81 0.00	28.04 -0.75 0.00	31.09 -1.03 0.00	40.92 -1.53 0.00	51.52 -1.59 0.00	55.18 -2.06 0.00	52.71 -1.74 0.00	45.56 -1.85 0.04	39.90 -1.84 0.00	36.81 -1.37 0.00
HQ_GEN_CEDARS 23644	41.83 0.74 0.00	40.02 0.47 0.00	38.21 0.38 0.00	36.74 0.40 0.00	37.10 0.37 0.00	38.63 0.27 0.00	42.92 0.30 0.00	50.42 0.30 0.00	48.04 0.19 0.00	43.27 0.13 0.00	36.63 0.15 0.00	33.78 0.07 0.00	30.17 -0.03 0.00	29.02 -0.12 0.00	27.67 -0.08 0.00	28.76 -0.03 0.00	32.18 0.06 0.00	42.57 0.13 0.00	53.27 0.16 0.00	57.29 0.06 0.00	54.56 0.11 0.00	47.93 0.47 0.00	42.19 0.46 0.00	38.45 0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	41.83 0.74 0.00	40.02 0.48 0.00	38.21 0.38 0.00	36.74 0.40 0.00	37.10 0.37 0.00	38.63 0.27 0.00	42.92 0.30 0.00	50.42 0.30 0.00	48.04 0.19 0.00	43.27 0.13 0.00	36.63 0.15 0.00	33.78 0.07 0.00	30.17 -0.03 0.00	29.02 -0.12 0.00	27.67 -0.08 0.00	28.76 -0.03 0.00	32.23 0.06 -0.05	42.53 0.13 0.05	53.06 -0.05 0.00	57.29 0.06 0.00	54.56 0.11 0.00	47.93 0.47 0.00	42.19 0.46 0.00	38.46 0.27 0.00

HQ_GEN_CHPE_PROXY 323851	42.56 1.48 0.00	40.65 1.11 0.00	38.78 0.95 0.00	37.03 0.69 0.00	37.47 0.73 0.00	39.32 0.96 0.00	44.02 1.40 0.00	51.72 1.60 0.00	49.76 1.92 0.00	44.95 1.81 0.00	38.05 1.57 0.00	35.19 1.48 0.00	31.56 1.36 0.00	30.71 1.57 0.00	29.31 1.55 0.00	30.31 1.52 0.00	33.67 1.51 -0.05	44.60 2.21 0.05	55.34 2.23 0.00	59.58 2.35 0.00	56.69 2.23 0.00	49.49 2.04 0.00	43.49 1.75 0.00	39.75 1.57 0.00
HQ_GEN_IMPORT 323601	41.33 0.25 0.00	39.74 0.20 0.00	38.02 0.19 0.00	36.52 0.18 0.00	36.92 0.18 0.00	38.52 0.15 0.00	42.75 0.13 0.00	50.27 0.15 0.00	47.99 0.14 0.00	43.27 0.13 0.00	36.63 0.15 0.00	33.81 0.10 0.00	30.29 0.09 0.00	29.19 0.06 0.00	27.81 0.06 0.00	28.87 0.09 0.00	32.26 0.10 -0.05	42.53 0.13 0.05	53.22 0.11 0.00	57.35 0.11 0.00	54.56 0.11 0.00	47.64 0.19 0.00	41.94 0.21 0.00	38.34 0.15 0.00
HQ_GEN_WHEEL 23651	41.33 0.25 0.00	39.74 0.20 0.00	38.02 0.19 0.00	36.52 0.18 0.00	36.92 0.18 0.00	38.52 0.15 0.00	42.75 0.13 0.00	50.27 0.15 0.00	47.99 0.14 0.00	43.27 0.13 0.00	36.63 0.15 0.00	33.81 0.10 0.00	30.29 0.09 0.00	29.19 0.06 0.00	27.81 0.06 0.00	28.87 0.09 0.00	32.26 0.10 -0.05	42.53 0.13 0.05	53.22 0.11 0.00	57.35 0.11 0.00	54.56 0.11 0.00	47.64 0.19 0.00	41.94 0.21 0.00	38.34 0.15 0.00
HUDSON_AVE_GT_3 23810	42.69 1.60 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.93 1.80 0.00	49.91 2.06 0.00	45.08 1.94 0.00	38.20 1.71 0.00	35.33 1.62 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.36 1.61 0.00	30.40 1.61 0.00	33.66 1.54 0.00	44.82 2.38 0.00	55.40 2.28 0.00	59.81 2.58 0.00	56.91 2.45 0.00	49.68 2.23 0.00	43.61 1.88 0.00	39.75 1.57 0.00
HUDSON_AVE_GT_4 23540	42.69 1.60 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.93 1.80 0.00	49.91 2.06 0.00	45.08 1.94 0.00	38.20 1.71 0.00	35.33 1.62 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.36 1.61 0.00	30.40 1.61 0.00	33.66 1.54 0.00	44.82 2.38 0.00	55.40 2.28 0.00	59.81 2.58 0.00	56.91 2.45 0.00	49.68 2.23 0.00	43.61 1.88 0.00	39.75 1.57 0.00
HUDSON_AVE_GT_5 23657	42.69 1.60 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.93 1.80 0.00	49.91 2.06 0.00	45.08 1.94 0.00	38.20 1.71 0.00	35.33 1.62 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.36 1.61 0.00	30.40 1.61 0.00	33.66 1.54 0.00	44.82 2.38 0.00	55.40 2.28 0.00	59.81 2.58 0.00	56.91 2.45 0.00	49.68 2.23 0.00	43.61 1.88 0.00	39.75 1.57 0.00
HUDSON_AVE_10 24168	42.52 1.44 0.00	40.61 1.07 0.00	38.74 0.91 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.28 0.92 0.00	44.03 1.41 0.00	51.83 1.70 0.00	49.81 1.96 0.00	45.00 1.86 0.00	38.09 1.61 0.00	35.23 1.52 0.00	31.62 1.42 0.00	30.74 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.59 1.48 0.00	44.74 2.29 0.00	55.29 2.18 0.00	59.70 2.46 0.00	56.80 2.34 0.00	49.59 2.14 0.00	43.49 1.75 0.00	39.64 1.45 0.00
HUDSON___115KV_TB 4 355613	42.28 1.19 0.00	40.61 1.07 0.00	38.82 0.98 0.00	37.25 0.91 0.00	37.65 0.92 0.00	39.44 1.07 0.00	43.94 1.32 0.00	51.52 1.40 0.00	49.00 1.15 0.00	43.96 0.82 0.00	36.92 0.44 0.00	34.18 0.47 0.00	30.47 0.27 0.00	29.40 0.26 0.00	28.00 0.25 0.00	29.07 0.29 0.00	32.66 0.55 0.00	43.46 1.02 0.00	54.60 1.49 0.00	59.07 1.83 0.00	56.09 1.63 0.00	48.78 1.33 0.00	42.94 1.21 0.00	39.37 1.18 0.00
HUNTER MOUNT___DRP 323613	42.52 1.44 0.00	40.85 1.30 0.00	39.04 1.21 0.00	37.47 1.13 0.00	37.87 1.14 0.00	39.63 1.27 0.00	44.20 1.58 0.00	51.68 1.55 0.00	49.14 1.29 0.00	44.01 0.86 0.00	36.92 0.44 0.00	34.15 0.44 0.00	30.38 0.18 0.00	29.31 0.17 0.00	27.92 0.17 0.00	28.99 0.20 0.00	32.66 0.55 0.00	43.59 1.15 0.00	54.81 1.70 0.00	59.35 2.12 0.00	56.31 1.85 0.00	48.97 1.52 0.00	43.11 1.38 0.00	39.52 1.34 0.00
HUNTINGTON_RES_REC 323705	43.30 2.22 0.00	41.08 1.54 0.00	39.08 1.25 0.00	37.32 0.98 0.00	37.76 1.03 0.00	39.55 1.19 0.00	44.41 1.79 0.00	52.23 2.10 0.00	50.67 2.82 0.00	45.51 2.37 0.00	39.08 2.59 -0.01	36.15 2.43 -0.01	32.32 2.11 0.00	31.42 2.27 -0.01	30.04 2.28 -0.01	31.12 2.33 -0.01	34.56 2.44 -0.01	45.85 3.40 -0.01	56.67 3.56 0.00	61.14 3.89 -0.01	57.99 3.54 0.00	50.63 3.18 0.00	44.61 2.88 0.00	40.79 2.60 -0.01
HUNTLEY___63 23557	37.14 -3.94 0.00	37.13 -2.41 0.00	35.83 -2.01 0.00	34.85 -1.49 0.00	35.41 -1.32 0.00	36.06 -2.30 0.00	38.78 -3.84 0.00	45.06 -5.06 0.00	43.02 -4.83 0.00	39.26 -3.88 0.00	33.53 -2.96 0.00	30.41 -3.30 0.00	27.61 -2.60 0.00	26.57 -2.56 0.00	25.28 -2.47 0.00	26.40 -2.39 0.00	28.87 -3.24 0.00	37.60 -4.84 0.00	46.84 -6.27 0.00	50.20 -7.04 0.00	48.03 -6.43 0.00	41.31 -6.03 0.11	36.60 -5.13 0.00	34.06 -4.12 0.00
HUNTLEY___64 23558	37.14 -3.94 0.00	37.13 -2.41 0.00	35.83 -2.01 0.00	34.85 -1.49 0.00	35.41 -1.32 0.00	36.06 -2.30 0.00	38.78 -3.84 0.00	45.06 -5.06 0.00	43.02 -4.83 0.00	39.26 -3.88 0.00	33.53 -2.96 0.00	30.41 -3.30 0.00	27.61 -2.60 0.00	26.57 -2.56 0.00	25.28 -2.47 0.00	26.40 -2.39 0.00	28.87 -3.24 0.00	37.60 -4.84 0.00	46.84 -6.27 0.00	50.20 -7.04 0.00	48.03 -6.43 0.00	41.31 -6.03 0.11	36.60 -5.13 0.00	34.06 -4.12 0.00
HUNTLEY___65 23559	37.14 -3.94 0.00	37.13 -2.41 0.00	35.83 -2.01 0.00	34.85 -1.49 0.00	35.41 -1.32 0.00	36.06 -2.30 0.00	38.78 -3.84 0.00	45.06 -5.06 0.00	43.02 -4.83 0.00	39.26 -3.88 0.00	33.53 -2.96 0.00	30.41 -3.30 0.00	27.61 -2.60 0.00	26.57 -2.56 0.00	25.28 -2.47 0.00	26.40 -2.39 0.00	28.87 -3.24 0.00	37.60 -4.84 0.00	46.84 -6.27 0.00	50.20 -7.04 0.00	48.03 -6.43 0.00	41.31 -6.03 0.11	36.60 -5.13 0.00	34.06 -4.12 0.00
HUNTLEY___66 23560	37.14 -3.94 0.00	37.13 -2.41 0.00	35.83 -2.01 0.00	34.85 -1.49 0.00	35.41 -1.32 0.00	36.06 -2.30 0.00	38.78 -3.84 0.00	45.06 -5.06 0.00	43.02 -4.83 0.00	39.26 -3.88 0.00	33.53 -2.96 0.00	30.41 -3.30 0.00	27.61 -2.60 0.00	26.57 -2.56 0.00	25.28 -2.47 0.00	26.40 -2.39 0.00	28.87 -3.24 0.00	37.60 -4.84 0.00	46.84 -6.27 0.00	50.20 -7.04 0.00	48.03 -6.43 0.00	41.31 -6.03 0.11	36.60 -5.13 0.00	34.06 -4.12 0.00
HUNTLEY___67 23561	37.10 -3.99 0.00	37.05 -2.49 0.00	35.75 -2.08 0.00	34.78 -1.56 0.00	35.30 -1.43 0.00	35.98 -2.38 0.00	38.87 -3.75 0.00	45.21 -4.91 0.00	43.16 -4.69 0.00	39.39 -3.75 0.00	33.64 -2.85 0.00	30.54 -3.17 0.00	27.73 -2.48 0.00	26.69 -2.45 0.00	25.40 -2.36 0.00	26.48 -2.30 0.00	29.00 -3.12 0.00	37.77 -4.67 0.00	47.00 -6.11 0.00	50.37 -6.87 0.00	48.19 -6.26 0.00	41.42 -5.93 0.10	36.73 -5.01 0.00	34.18 -4.01 0.00

HUNTLEY___68 23562	37.10 -3.99 0.00	37.05 -2.49 0.00	35.75 -2.08 0.00	34.78 -1.56 0.00	35.30 -1.43 0.00	35.98 -2.38 0.00	38.87 -3.75 0.00	45.21 -4.91 0.00	43.16 -4.69 0.00	39.39 -3.75 0.00	33.64 -2.85 0.00	30.54 -3.17 0.00	27.73 -2.48 0.00	26.69 -2.45 0.00	25.40 -2.36 0.00	26.48 -2.30 0.00	29.00 -3.12 0.00	37.77 -4.67 0.00	47.00 -6.11 0.00	50.37 -6.87 0.00	48.19 -6.26 0.00	41.42 -5.93 0.10	36.73 -5.01 0.00	34.18 -4.01 0.00
HYLAND___LFGE 323620	41.41 0.33 0.00	40.89 1.35 0.00	39.16 1.32 0.00	37.94 1.60 0.00	38.35 1.61 0.00	39.67 1.31 0.00	43.43 0.81 0.00	50.82 0.70 0.00	48.14 0.29 0.00	43.40 0.26 0.00	36.48 0.00 0.00	33.07 -0.64 0.00	29.75 -0.45 0.00	28.55 -0.58 0.00	27.12 -0.64 0.00	28.30 -0.49 0.00	31.54 -0.58 0.00	41.76 -0.68 0.00	53.43 0.32 0.00	57.64 0.40 0.00	55.27 0.82 0.00	47.77 0.33 0.01	41.78 0.04 0.00	38.46 0.27 0.00
INDECK___CORINTH 23802	42.61 1.52 0.00	40.81 1.27 0.00	39.08 1.25 0.00	37.57 1.24 0.00	37.94 1.21 0.00	39.78 1.42 0.00	44.54 1.92 0.00	52.32 2.20 0.00	49.71 1.86 0.00	44.74 1.60 0.00	37.58 1.09 0.00	34.65 0.94 0.00	30.78 0.57 0.00	29.57 0.44 0.00	28.11 0.36 0.00	29.13 0.35 0.00	32.82 0.71 0.00	43.72 1.27 0.00	55.08 1.97 0.00	59.64 2.40 0.00	56.69 2.23 0.00	49.40 1.95 0.00	43.40 1.67 0.00	39.67 1.49 0.00
INDECK___ILION 23567	41.25 0.16 0.00	39.66 0.12 0.00	37.95 0.11 0.00	36.45 0.11 0.00	36.84 0.11 0.00	38.52 0.15 0.00	42.88 0.26 0.00	50.47 0.35 0.00	48.18 0.33 0.00	43.40 0.26 0.00	36.70 0.22 0.00	33.91 0.20 0.00	30.35 0.15 0.00	29.28 0.15 0.00	27.87 0.11 0.00	28.90 0.12 0.00	32.28 0.16 0.00	42.70 0.25 0.00	53.48 0.37 0.00	57.69 0.46 0.00	54.89 0.44 0.00	47.79 0.33 0.00	42.03 0.29 0.00	38.42 0.23 0.00
INDECK___OLEAN 23982	38.50 -2.59 0.00	38.32 -1.23 0.00	36.73 -1.10 0.00	35.54 -0.80 0.00	36.11 -0.62 0.00	37.02 -1.34 0.00	40.28 -2.34 0.00	47.12 -3.01 0.00	44.93 -2.92 0.00	40.86 -2.29 0.00	34.88 -1.60 0.00	31.69 -2.02 0.00	28.78 -1.42 0.00	27.71 -1.43 0.00	26.37 -1.39 0.00	27.49 -1.29 0.00	30.22 -1.89 0.00	39.39 -3.06 0.00	49.18 -3.93 0.00	52.77 -4.46 0.00	50.43 -4.03 0.00	43.43 -3.94 0.08	38.14 -3.59 0.00	35.44 -2.75 0.00
INDECK___OSWEGO 23783	40.26 -0.82 0.00	38.83 -0.71 0.00	37.19 -0.64 0.00	35.76 -0.58 0.00	36.14 -0.59 0.00	37.67 -0.69 0.00	41.81 -0.81 0.00	49.22 -0.90 0.00	46.99 -0.86 0.00	42.37 -0.78 0.00	35.86 -0.62 0.00	33.04 -0.67 0.00	29.63 -0.57 0.00	28.55 -0.58 0.00	27.17 -0.58 0.00	28.21 -0.58 0.00	31.47 -0.64 0.00	41.55 -0.89 0.00	52.21 -0.90 0.00	56.21 -1.03 0.00	53.53 -0.93 0.00	46.55 -0.90 0.00	40.90 -0.83 0.00	37.46 -0.73 0.00
INDECK___YERKES 23781	37.14 -3.94 0.00	37.37 -2.17 0.00	35.83 -2.01 0.00	34.78 -1.56 0.00	35.30 -1.43 0.00	36.06 -2.30 0.00	38.66 -3.96 0.00	45.06 -5.06 0.00	43.02 -4.83 0.00	39.26 -3.88 0.00	33.53 -2.95 0.00	30.41 -3.30 0.00	27.64 -2.57 0.00	26.60 -2.53 0.00	25.28 -2.47 0.00	26.42 -2.36 0.00	28.97 -3.15 0.00	37.60 -4.84 0.00	46.84 -6.27 0.00	50.19 -7.04 0.00	48.03 -6.43 0.00	41.26 -6.07 0.11	36.43 -5.30 0.00	34.06 -4.12 0.00
INDIAN POINT_GT_1 24139	42.36 1.27 0.00	40.49 0.95 0.00	38.63 0.79 0.00	36.92 0.58 0.00	37.32 0.59 0.00	39.17 0.81 0.00	43.81 1.19 0.00	51.58 1.45 0.00	49.52 1.67 0.00	44.65 1.51 0.00	37.80 1.31 0.00	34.96 1.25 0.00	31.35 1.15 0.00	30.42 1.28 0.00	29.00 1.25 0.00	30.02 1.24 0.00	33.34 1.22 0.00	44.31 1.87 0.00	54.97 1.86 0.00	59.41 2.17 0.00	56.52 2.07 0.00	49.26 1.80 0.00	43.24 1.50 0.00	39.45 1.26 0.00
INDIAN POINT_GT_2 23659	42.36 1.27 0.00	40.49 0.95 0.00	38.63 0.79 0.00	36.92 0.58 0.00	37.32 0.59 0.00	39.17 0.81 0.00	43.81 1.19 0.00	51.58 1.45 0.00	49.52 1.67 0.00	44.65 1.51 0.00	37.80 1.31 0.00	34.96 1.25 0.00	31.35 1.15 0.00	30.42 1.28 0.00	29.00 1.25 0.00	30.02 1.24 0.00	33.34 1.22 0.00	44.31 1.87 0.00	54.97 1.86 0.00	59.41 2.17 0.00	56.52 2.07 0.00	49.26 1.80 0.00	43.24 1.50 0.00	39.45 1.26 0.00
INDIAN POINT_GT_3 24019	42.36 1.27 0.00	40.49 0.95 0.00	38.63 0.79 0.00	36.92 0.58 0.00	37.32 0.59 0.00	39.17 0.81 0.00	43.81 1.19 0.00	51.58 1.45 0.00	49.52 1.67 0.00	44.65 1.51 0.00	37.80 1.31 0.00	34.96 1.25 0.00	31.35 1.15 0.00	30.42 1.28 0.00	29.00 1.25 0.00	30.02 1.24 0.00	33.34 1.22 0.00	44.31 1.87 0.00	54.97 1.86 0.00	59.41 2.17 0.00	56.52 2.07 0.00	49.26 1.80 0.00	43.24 1.50 0.00	39.45 1.26 0.00
INDIAN POINT___2 23530	42.32 1.23 0.00	40.41 0.87 0.00	38.63 0.80 0.00	36.88 0.55 0.00	37.32 0.59 0.00	39.17 0.81 0.00	43.77 1.15 0.00	51.48 1.35 0.00	49.42 1.58 0.00	44.61 1.47 0.00	37.76 1.28 0.00	34.92 1.21 0.00	31.32 1.12 0.00	30.36 1.22 0.00	28.97 1.22 0.00	29.99 1.21 0.00	33.37 1.25 0.00	44.27 1.82 0.00	55.02 1.91 0.00	59.36 2.12 0.00	56.41 1.96 0.00	49.16 1.71 0.00	43.23 1.50 0.00	39.52 1.34 0.00
INDIAN POINT___3 23531	42.32 1.23 0.00	40.45 0.91 0.00	38.59 0.76 0.00	36.88 0.55 0.00	37.28 0.55 0.00	39.13 0.77 0.00	43.77 1.15 0.00	51.52 1.40 0.00	49.43 1.58 0.00	44.61 1.47 0.00	37.76 1.28 0.00	34.92 1.21 0.00	31.32 1.12 0.00	30.39 1.25 0.00	28.98 1.22 0.00	29.99 1.21 0.00	33.30 1.19 0.00	44.27 1.83 0.00	54.92 1.81 0.00	59.35 2.12 0.00	56.41 1.96 0.00	49.21 1.76 0.00	43.19 1.46 0.00	39.41 1.22 0.00
INGHAM_C_115KV_TB7 356103	41.33 0.25 0.00	39.74 0.20 0.00	38.02 0.19 0.00	36.56 0.22 0.00	36.99 0.26 0.00	38.71 0.35 0.00	43.05 0.43 0.00	50.67 0.55 0.00	48.37 0.53 0.00	43.62 0.47 0.00	36.85 0.36 0.00	34.05 0.34 0.00	30.47 0.27 0.00	29.37 0.23 0.00	27.98 0.22 0.00	29.01 0.23 0.00	32.40 0.29 0.00	42.87 0.42 0.00	53.75 0.64 0.00	58.04 0.80 0.00	55.16 0.71 0.00	48.07 0.62 0.00	42.23 0.50 0.00	38.64 0.46 0.00
IP CORINTH___1 23988	42.61 1.52 0.00	40.85 1.30 0.00	39.08 1.25 0.00	37.57 1.24 0.00	37.94 1.21 0.00	39.78 1.42 0.00	44.54 1.92 0.00	52.33 2.21 0.00	49.71 1.87 0.00	44.78 1.64 0.00	37.58 1.09 0.00	34.65 0.94 0.00	30.78 0.57 0.00	29.57 0.44 0.00	28.12 0.36 0.00	29.13 0.35 0.00	32.82 0.71 0.00	43.72 1.27 0.00	55.02 1.91 0.00	59.64 2.40 0.00	56.69 2.23 0.00	49.35 1.90 0.00	43.40 1.67 0.00	39.71 1.53 0.00
IP___TICONDEROGA 23804	43.02 1.93 0.00	41.17 1.62 0.00	39.42 1.59 0.00	37.94 1.60 0.00	38.27 1.54 0.00	40.17 1.80 0.00	45.13 2.51 0.00	52.88 2.76 0.00	50.10 2.25 0.00	45.13 1.98 0.00	37.72 1.24 0.00	34.65 0.94 0.00	30.57 0.36 0.00	29.25 0.12 0.00	27.78 0.03 0.00	28.87 0.09 0.00	32.72 0.61 0.00	43.84 1.40 0.00	55.55 2.44 0.00	60.44 3.21 0.00	57.34 2.89 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.06 1.87 0.00

ISLIP_RES_REC 323679	43.72 2.63 0.00	41.40 1.86 0.00	39.38 1.55 0.00	37.57 1.24 0.00	38.05 1.32 0.00	39.86 1.49 0.00	44.79 2.17 0.00	52.78 2.65 0.00	51.15 3.30 0.00	45.91 2.76 0.00	39.56 3.06 -0.01	36.55 2.83 -0.01	32.68 2.48 0.00	31.77 2.62 -0.01	30.43 2.66 -0.01	31.50 2.70 -0.01	35.02 2.89 -0.01	46.35 3.90 0.00	57.36 4.25 0.00	61.94 4.69 -0.01	58.76 4.30 0.00	51.20 3.75 0.00	45.07 3.34 0.00	41.21 3.02 -0.01
JAMAICA__27_KV_LOAD 355505	42.48 1.40 0.00	40.53 0.99 0.00	38.63 0.79 0.00	36.81 0.47 0.00	37.28 0.55 0.00	39.28 0.92 0.00	44.15 1.53 0.00	52.08 1.95 0.00	50.10 2.25 0.00	45.30 2.16 0.00	38.31 1.82 0.00	35.40 1.69 0.00	31.80 1.60 0.00	30.94 1.81 0.00	29.50 1.75 0.00	30.54 1.76 0.00	33.75 1.64 0.00	45.07 2.63 0.00	55.77 2.66 0.00	60.27 3.03 0.00	57.34 2.89 0.00	49.87 2.42 0.00	43.65 1.92 0.00	39.68 1.49 0.00
JANIS__SOLAR 323808	42.40 1.31 0.00	40.97 1.42 0.00	39.23 1.40 0.00	37.75 1.42 0.00	38.16 1.43 0.00	39.74 1.38 0.00	44.07 1.45 0.00	52.03 1.90 0.00	49.48 1.63 0.00	44.35 1.21 0.00	37.32 0.84 0.00	34.15 0.44 0.00	30.44 0.24 0.00	29.28 0.15 0.00	27.92 0.17 0.00	29.10 0.32 0.00	32.66 0.55 0.00	43.59 1.15 0.00	55.29 2.18 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.30 1.85 0.00	43.15 1.42 0.00	39.49 1.30 0.00
JARVIS____ 23743	41.09 0.00 0.00	39.50 -0.04 0.00	37.80 -0.04 0.00	36.30 -0.04 0.00	36.70 -0.04 0.00	38.36 0.00 0.00	42.66 0.04 0.00	50.17 0.05 0.00	47.90 0.05 0.00	43.14 0.00 0.00	36.48 0.00 0.00	33.71 0.00 0.00	30.20 0.00 0.00	29.13 0.00 0.00	27.76 0.00 0.00	28.78 0.00 0.00	32.11 0.00 0.00	42.49 0.04 0.00	53.16 0.05 0.11	57.35 0.11 0.05	54.51 0.05 0.05	47.50 0.05 0.04	41.78 0.04 0.04	38.22 0.04 0.00
JENNISON__1 23625	42.28 1.19 0.00	40.65 1.11 0.00	38.93 1.10 0.00	37.43 1.09 0.00	37.83 1.10 0.00	39.44 1.07 0.00	43.86 1.24 0.00	51.73 1.60 0.00	49.33 1.48 0.00	44.35 1.21 0.00	37.47 0.99 0.00	34.45 0.74 0.00	30.78 0.57 0.00	29.66 0.52 0.00	28.25 0.50 0.00	29.39 0.60 0.00	32.85 0.74 0.00	43.76 1.32 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.52 2.07 0.00	49.16 1.71 0.00	43.07 1.34 0.00	39.29 1.11 0.00
JENNISON__2 23626	42.28 1.19 0.00	40.65 1.11 0.00	38.93 1.10 0.00	37.43 1.09 0.00	37.83 1.10 0.00	39.44 1.07 0.00	43.86 1.24 0.00	51.73 1.60 0.00	49.33 1.48 0.00	44.35 1.21 0.00	37.47 0.99 0.00	34.45 0.74 0.00	30.78 0.57 0.00	29.66 0.52 0.00	28.25 0.50 0.00	29.39 0.60 0.00	32.85 0.74 0.00	43.76 1.32 0.00	55.13 2.02 0.00	59.47 2.23 0.00	56.52 2.07 0.00	49.16 1.71 0.00	43.07 1.34 0.00	39.29 1.11 0.00
JERICHO_RISE_WT_PWR 323719	41.78 0.70 0.00	40.06 0.51 0.00	38.25 0.42 0.00	36.78 0.44 0.00	37.14 0.40 0.00	38.71 0.34 0.00	42.96 0.34 0.00	50.47 0.35 0.00	48.14 0.29 0.00	43.40 0.26 0.00	36.74 0.26 0.00	33.91 0.20 0.00	30.29 0.09 0.00	29.16 0.03 0.00	27.81 0.06 0.00	28.87 0.09 0.00	32.28 0.16 0.00	42.74 0.30 0.00	53.27 0.16 0.00	57.52 0.29 0.00	54.78 0.33 0.00	48.03 0.57 0.00	42.24 0.50 0.00	38.49 0.30 0.00
KATONAH__115KV_46KV_TB4 355592	42.65 1.56 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.17 0.84 0.00	37.58 0.84 0.00	39.48 1.11 0.00	44.11 1.49 0.00	52.03 1.90 0.00	49.91 2.06 0.00	45.00 1.86 0.00	38.05 1.57 0.00	35.19 1.48 0.00	31.50 1.30 0.00	30.50 1.37 0.00	29.09 1.33 0.00	30.14 1.35 0.00	33.46 1.35 0.00	44.57 2.12 0.00	55.34 2.23 0.00	59.87 2.63 0.00	56.96 2.50 0.00	49.59 2.14 0.00	43.53 1.79 0.00	39.75 1.57 0.00
KCE_NY_1 323755	42.44 1.35 0.00	40.73 1.19 0.00	39.01 1.17 0.00	37.47 1.13 0.00	37.83 1.10 0.00	39.63 1.26 0.00	44.33 1.71 0.00	52.07 1.95 0.00	49.48 1.63 0.00	44.52 1.38 0.00	37.43 0.95 0.00	34.59 0.88 0.00	30.81 0.60 0.00	29.63 0.49 0.00	28.20 0.44 0.00	29.30 0.52 0.00	32.88 0.77 0.00	43.68 1.23 0.00	54.92 1.81 0.00	59.47 2.23 0.00	56.47 2.02 0.00	49.16 1.71 0.00	43.23 1.50 0.00	39.56 1.37 0.00
KCE_NY_6_ESR 323823	37.64 -3.45 0.00	37.73 -1.82 0.00	36.17 -1.66 0.00	35.07 -1.27 0.00	35.59 -1.14 0.00	36.41 -1.96 0.00	39.34 -3.28 0.00	45.91 -4.21 0.00	43.83 -4.02 0.00	39.91 -3.24 0.00	34.11 -2.37 0.00	30.95 -2.76 0.00	28.12 -2.08 0.00	27.07 -2.07 0.00	25.73 -2.02 0.00	26.88 -1.90 0.00	29.48 -2.63 0.00	38.33 -4.12 0.00	47.80 -5.31 0.00	51.23 -6.01 0.00	49.01 -5.44 0.00	42.09 -5.27 0.10	37.10 -4.63 0.00	34.60 -3.59 0.00
KEDC_PORT_JEFF_GT2 24210	43.51 2.42 0.00	41.24 1.70 0.00	39.23 1.40 0.00	37.43 1.09 0.00	37.91 1.18 0.00	39.71 1.34 0.00	44.58 1.96 0.00	52.53 2.41 0.00	50.91 3.06 0.00	45.69 2.54 0.00	39.37 2.88 -0.01	36.42 2.70 -0.01	32.56 2.36 0.00	31.65 2.51 -0.01	30.32 2.55 -0.01	31.35 2.56 -0.01	34.85 2.73 -0.01	46.14 3.69 -0.01	57.10 3.99 0.00	61.59 4.35 -0.01	58.43 3.97 0.00	50.97 3.51 0.00	44.87 3.13 0.00	41.02 2.83 -0.01
KEDC_PORT_JEFF_GT3 24211	43.51 2.42 0.00	41.24 1.70 0.00	39.23 1.40 0.00	37.43 1.09 0.00	37.91 1.18 0.00	39.71 1.34 0.00	44.58 1.96 0.00	52.53 2.41 0.00	50.91 3.06 0.00	45.69 2.54 0.00	39.37 2.88 -0.01	36.42 2.70 -0.01	32.56 2.36 0.00	31.65 2.51 -0.01	30.32 2.55 -0.01	31.35 2.56 -0.01	34.85 2.73 -0.01	46.14 3.69 -0.01	57.10 3.99 0.00	61.59 4.35 -0.01	58.43 3.97 0.00	50.97 3.51 0.00	44.87 3.13 0.00	41.02 2.83 -0.01
KEDC_GLWD_GT4 24219	43.06 1.97 0.00	41.01 1.46 0.00	39.08 1.25 0.00	37.32 0.98 0.00	37.76 1.03 0.00	39.59 1.23 0.00	44.33 1.71 0.00	52.18 2.06 0.00	50.33 2.49 0.00	45.34 2.20 0.00	38.61 2.12 -0.01	35.71 1.99 -0.01	31.98 1.78 0.00	31.07 1.92 -0.01	29.66 1.89 -0.01	30.70 1.90 -0.01	34.09 1.96 -0.01	45.21 2.76 -0.01	56.14 3.03 0.00	60.34 3.09 -0.01	57.28 2.83 0.00	50.16 2.70 0.00	44.11 2.38 0.00	40.34 2.14 -0.01
KEDC_GLWD_GTS 24220	43.06 1.97 0.00	41.01 1.46 0.00	39.08 1.25 0.00	37.32 0.98 0.00	37.76 1.03 0.00	39.59 1.23 0.00	44.33 1.71 0.00	52.18 2.06 0.00	50.33 2.49 0.00	45.34 2.20 0.00	38.61 2.12 -0.01	35.71 1.99 -0.01	31.98 1.78 0.00	31.07 1.92 -0.01	29.66 1.89 -0.01	30.70 1.90 -0.01	34.09 1.96 -0.01	45.21 2.76 -0.01	56.14 3.03 0.00	60.34 3.09 -0.01	57.28 2.83 0.00	50.16 2.70 0.00	44.11 2.38 0.00	40.34 2.14 -0.01
KENSICO____ 23655	42.48 1.40 0.00	40.61 1.07 0.00	38.74 0.91 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.28 0.92 0.00	43.94 1.32 0.00	51.73 1.60 0.00	49.67 1.82 0.00	44.83 1.68 0.00	37.94 1.46 0.00	35.09 1.38 0.00	31.47 1.27 0.00	30.53 1.40 0.00	29.12 1.36 0.00	30.17 1.38 0.00	33.46 1.35 0.00	44.48 2.04 0.00	55.18 2.07 0.00	59.58 2.35 0.00	56.69 2.23 0.00	49.40 1.95 0.00	43.36 1.63 0.00	39.56 1.37 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.73 1.64 0.00	40.89 1.34 0.00	39.04 1.21 0.00	37.28 0.94 0.00	37.72 0.99 0.00	39.55 1.19 0.00	44.20 1.58 0.00	51.83 1.70 0.00	49.67 1.82 0.00	44.61 1.47 0.00	37.69 1.20 0.00	34.82 1.11 0.00	31.14 0.94 0.00	30.18 1.05 0.00	28.78 1.03 0.00	29.82 1.04 0.00	33.27 1.16 0.00	44.44 1.99 0.00	55.45 2.34 0.00	59.93 2.69 0.00	56.96 2.50 0.00	49.59 2.14 0.00	43.49 1.75 0.00	39.71 1.53 0.00
KIAC_JFK_GT1 23816	42.24 1.15 0.00	40.34 0.79 0.00	38.44 0.61 0.00	36.63 0.29 0.00	37.10 0.37 0.00	39.09 0.73 0.00	43.90 1.28 0.00	51.83 1.70 0.00	49.86 2.01 0.00	45.08 1.94 0.00	38.12 1.64 0.00	35.23 1.52 0.00	31.65 1.45 0.00	30.79 1.66 0.00	29.36 1.61 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.86 2.42 0.00	55.45 2.34 0.00	59.93 2.69 0.00	57.01 2.56 0.00	49.59 2.14 0.00	43.44 1.71 0.00	39.48 1.30 0.00
KIAC_JFK_GT2 23817	42.24 1.15 0.00	40.34 0.79 0.00	38.44 0.61 0.00	36.63 0.29 0.00	37.10 0.37 0.00	39.09 0.73 0.00	43.90 1.28 0.00	51.83 1.70 0.00	49.86 2.01 0.00	45.08 1.94 0.00	38.12 1.64 0.00	35.23 1.52 0.00	31.65 1.45 0.00	30.79 1.66 0.00	29.36 1.61 0.00	30.40 1.61 0.00	33.59 1.48 0.00	44.86 2.42 0.00	55.45 2.34 0.00	59.93 2.69 0.00	57.01 2.56 0.00	49.59 2.14 0.00	43.44 1.71 0.00	39.48 1.30 0.00
KIAC_JFK____ 323774	42.28 1.19 0.00	40.33 0.79 0.00	38.48 0.64 0.00	36.66 0.33 0.00	37.14 0.40 0.00	39.13 0.77 0.00	43.94 1.32 0.00	51.83 1.71 0.00	49.90 2.06 0.00	45.09 1.94 0.00	38.13 1.64 0.00	35.23 1.52 0.00	31.65 1.45 0.00	30.76 1.63 0.00	29.36 1.61 0.00	30.37 1.58 0.00	33.69 1.57 0.00	44.86 2.42 0.00	55.66 2.55 0.00	59.93 2.69 0.00	57.01 2.56 0.00	49.59 2.14 0.00	43.49 1.75 0.00	39.64 1.45 0.00
KINTIGH_24_KV_GSU 356498	37.06 -4.02 0.00	37.09 -2.45 0.00	35.56 -2.27 0.00	34.45 -1.89 0.00	34.97 -1.76 0.00	35.87 -2.49 0.00	38.78 -3.84 0.00	45.26 -4.86 0.00	43.21 -4.64 0.00	39.39 -3.75 0.00	33.60 -2.88 0.00	30.61 -3.10 0.00	27.73 -2.48 0.00	26.72 -2.42 0.00	25.40 -2.36 0.00	26.48 -2.30 0.00	29.13 -2.99 0.00	37.90 -4.54 0.00	47.21 -5.90 0.00	50.66 -6.58 0.00	48.41 -6.05 0.00	41.62 -5.74 0.09	36.77 -4.97 0.00	34.33 -3.86 0.00
KINTIGH____ 23543	37.10 -3.99 0.00	36.89 -2.65 0.00	35.60 -2.23 0.00	34.56 -1.78 0.00	35.04 -1.69 0.00	35.87 -2.49 0.00	38.87 -3.75 0.00	45.26 -4.86 0.00	43.21 -4.64 0.00	39.43 -3.71 0.00	33.60 -2.88 0.00	30.61 -3.10 0.00	27.73 -2.48 0.00	26.69 -2.45 0.00	25.40 -2.36 0.00	26.45 -2.33 0.00	29.06 -3.05 0.00	37.90 -4.54 0.00	47.22 -5.90 0.00	50.60 -6.64 0.00	48.41 -6.04 0.00	41.67 -5.69 0.09	36.93 -4.80 0.00	34.33 -3.86 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.52 1.44 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.39 1.05 0.00	37.76 1.03 0.00	39.32 0.96 0.00	43.69 1.07 0.00	51.27 1.15 0.00	48.95 1.10 0.00	44.14 0.99 0.00	37.36 0.88 0.00	34.42 0.71 0.00	30.75 0.54 0.00	29.57 0.44 0.00	28.20 0.44 0.00	29.30 0.52 0.00	32.79 0.67 0.00	43.38 0.93 0.00	54.28 1.17 0.00	58.50 1.26 0.00	55.71 1.25 0.00	48.83 1.38 0.00	42.94 1.21 0.00	39.10 0.92 0.00
LACHUTE__HYDRO 323717	43.02 1.93 0.00	41.13 1.58 0.00	39.42 1.59 0.00	37.94 1.60 0.00	38.27 1.54 0.00	40.13 1.77 0.00	45.13 2.51 0.00	52.88 2.75 0.00	50.10 2.25 0.00	45.13 1.99 0.00	37.72 1.24 0.00	34.65 0.94 0.00	30.57 0.36 0.00	29.25 0.12 0.00	27.78 0.03 0.00	28.87 0.09 0.00	32.72 0.61 0.00	43.80 1.36 0.00	55.61 2.50 0.00	60.44 3.20 0.00	57.34 2.88 0.00	49.92 2.47 0.00	43.78 2.04 0.00	40.02 1.83 0.00
LAWRNCV_115KV_TB1 80681	41.21 0.12 0.00	39.39 -0.16 0.00	37.57 -0.26 0.00	36.12 -0.22 0.00	36.47 -0.26 0.00	38.02 -0.35 0.00	42.24 -0.38 0.00	49.62 -0.50 0.00	47.27 -0.57 0.00	42.50 -0.65 0.00	35.97 -0.51 0.00	33.17 -0.54 0.00	29.60 -0.60 0.00	28.43 -0.70 0.00	27.12 -0.64 0.00	28.18 -0.60 0.00	31.60 -0.51 0.00	41.85 -0.59 0.00	52.53 -0.58 0.00	56.49 -0.74 0.00	53.80 -0.65 0.00	47.26 -0.19 0.00	41.61 -0.13 0.00	37.84 -0.34 0.00
LEDERLE____ 23769	42.48 1.40 0.00	40.61 1.07 0.00	38.74 0.91 0.00	37.03 0.69 0.00	37.43 0.70 0.00	39.28 0.92 0.00	43.90 1.28 0.00	51.68 1.55 0.00	49.57 1.72 0.00	44.70 1.55 0.00	37.83 1.35 0.00	34.99 1.28 0.00	31.38 1.18 0.00	30.42 1.28 0.00	29.00 1.25 0.00	30.05 1.27 0.00	33.40 1.28 0.00	44.40 1.95 0.00	55.13 2.02 0.00	59.58 2.35 0.00	56.63 2.18 0.00	49.35 1.90 0.00	43.32 1.59 0.00	39.52 1.34 0.00
LIGHTHSE_115KV_TB6 355974	40.80 -0.29 0.00	39.19 -0.36 0.00	37.49 -0.34 0.00	36.08 -0.25 0.00	36.44 -0.29 0.00	38.02 -0.35 0.00	42.28 -0.34 0.00	49.87 -0.25 0.00	47.42 -0.43 0.00	42.58 -0.56 0.00	36.01 -0.47 0.00	33.07 -0.64 0.00	29.51 -0.69 0.00	28.41 -0.73 0.00	27.01 -0.75 0.00	28.09 -0.69 0.00	31.50 -0.61 0.00	41.89 -0.55 0.00	53.01 -0.11 0.00	57.24 0.00 0.00	54.40 -0.05 0.00	47.41 -0.05 0.00	41.57 -0.17 0.00	37.88 -0.31 0.00
LINDEN COGEN____ 23786	42.48 1.40 0.01	40.53 0.99 0.01	38.70 0.87 0.01	36.91 0.58 0.01	37.35 0.62 0.01	39.20 0.84 0.01	43.89 1.28 0.01	51.62 1.50 0.01	49.66 1.82 0.01	44.86 1.73 0.01	37.94 1.46 0.01	35.12 1.42 0.01	31.49 1.30 0.01	30.61 1.49 0.01	29.19 1.44 0.01	30.22 1.44 0.01	33.52 1.41 0.01	44.56 2.12 0.01	55.07 2.13 0.17	55.07 2.23 4.40	55.07 2.07 1.45	49.39 1.95 0.01	43.40 1.67 0.01	39.67 1.49 0.01
LINDHRST_69_KV_BK1 356055	43.39 2.30 0.00	41.21 1.66 0.00	39.20 1.36 0.00	37.39 1.05 0.00	37.83 1.10 0.00	39.63 1.27 0.00	44.50 1.88 0.00	52.53 2.41 0.00	50.67 2.82 0.00	45.60 2.46 0.00	39.19 2.70 -0.01	36.25 2.53 -0.01	32.41 2.20 0.00	31.56 2.42 -0.01	30.12 2.36 -0.01	31.21 2.42 -0.01	34.60 2.47 -0.01	45.93 3.48 -0.01	56.72 3.61 0.00	61.42 4.18 -0.01	58.27 3.81 0.00	50.82 3.37 0.00	44.70 2.96 0.00	40.83 2.63 -0.01
LIPA_MISC_IPP 23656	43.18 2.10 0.00	40.93 1.38 0.00	38.89 1.06 0.00	37.10 0.76 0.00	37.58 0.84 0.00	39.36 1.00 0.00	44.24 1.62 0.00	52.33 2.21 0.00	50.48 2.63 0.00	45.39 2.24 0.00	39.37 2.88 -0.01	36.38 2.66 -0.01	32.50 2.30 0.00	31.76 2.62 -0.01	30.32 2.55 -0.01	31.47 2.68 -0.01	34.79 2.67 -0.01	45.97 3.52 -0.01	56.72 3.61 0.00	61.48 4.24 -0.01	58.27 3.81 0.00	50.78 3.32 0.00	44.61 2.88 0.00	40.79 2.60 -0.01
LISF__SOLAR 323691	43.39 2.30 0.00	41.08 1.54 0.00	39.08 1.25 0.00	37.28 0.94 0.00	37.76 1.03 0.00	39.59 1.23 0.00	44.45 1.83 0.00	52.38 2.26 0.00	50.77 2.92 0.00	45.56 2.41 0.00	39.41 2.92 -0.01	36.42 2.70 -0.01	32.56 2.36 0.00	31.68 2.53 -0.01	30.37 2.61 -0.01	31.41 2.62 -0.01	34.92 2.79 -0.01	46.10 3.65 -0.01	57.04 3.93 0.00	61.59 4.35 -0.01	58.38 3.92 0.00	50.87 3.42 0.00	44.78 3.04 0.00	40.98 2.79 -0.01

LITTLE FALLS___HYD 24013	41.33 0.25 0.00	39.74 0.20 0.00	38.02 0.19 0.00	36.56 0.22 0.00	36.99 0.26 0.00	38.71 0.35 0.00	43.05 0.43 0.00	50.67 0.55 0.00	48.37 0.53 0.00	43.62 0.47 0.00	36.85 0.36 0.00	34.05 0.34 0.00	30.47 0.27 0.00	29.37 0.23 0.00	27.98 0.22 0.00	29.01 0.23 0.00	32.40 0.29 0.00	42.87 0.42 0.00	53.75 0.64 0.00	58.04 0.80 0.00	55.16 0.71 0.00	48.07 0.62 0.00	42.23 0.50 0.00	38.64 0.46 0.00
LITTLRIV__115KV_TB1 356100	41.66 0.58 0.00	39.78 0.24 0.00	37.98 0.15 0.00	36.52 0.18 0.00	36.84 0.11 0.00	38.40 0.04 0.00	42.71 0.09 0.00	50.17 0.05 0.00	47.66 -0.19 0.00	42.80 -0.35 0.00	36.15 -0.33 0.00	33.31 -0.40 0.00	29.72 -0.48 0.00	28.55 -0.58 0.00	27.23 -0.53 0.00	28.32 -0.46 0.00	31.79 -0.32 0.00	42.23 -0.21 0.00	53.11 0.00 0.00	57.12 -0.11 0.00	54.40 -0.05 0.00	47.83 0.38 0.00	42.07 0.33 0.00	38.26 0.08 0.00
LI_NEWBRDGE___DRP 323616	42.77 1.68 0.00	40.65 1.11 0.00	38.70 0.87 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.17 0.81 0.00	43.90 1.28 0.00	51.83 1.70 0.00	49.95 2.11 0.00	44.96 1.81 0.00	38.53 2.04 -0.01	35.67 1.96 -0.01	31.92 1.72 0.00	31.06 1.92 -0.01	29.62 1.86 -0.01	30.69 1.90 -0.01	33.95 1.83 -0.01	45.13 2.67 -0.01	55.77 2.66 0.00	60.34 3.09 -0.01	57.29 2.83 0.00	50.02 2.56 0.00	43.95 2.21 0.00	40.18 1.99 -0.01
LOCKPORT__115KV_TB60_63_64 80432	36.69 -4.40 0.00	36.74 -2.81 0.00	35.45 -2.38 0.00	34.52 -1.82 0.00	35.04 -1.69 0.00	35.68 -2.69 0.00	38.49 -4.13 0.00	44.71 -5.41 0.00	42.68 -5.17 0.00	38.96 -4.18 0.00	33.27 -3.21 0.00	30.17 -3.54 0.00	27.39 -2.81 0.00	26.34 -2.80 0.00	25.06 -2.69 0.00	26.14 -2.65 0.00	28.65 -3.47 0.00	37.31 -5.14 0.00	46.53 -6.59 0.00	49.85 -7.38 0.00	47.70 -6.75 0.00	41.24 -6.07 0.14	36.35 -5.38 0.00	33.83 -4.35 0.00
LOCKPORT___CC1 323769	36.69 -4.40 0.00	36.97 -2.57 0.00	35.45 -2.38 0.00	34.41 -1.93 0.00	34.97 -1.76 0.00	35.72 -2.65 0.00	38.40 -4.22 0.00	44.76 -5.36 0.00	42.73 -5.12 0.00	39.00 -4.14 0.00	33.31 -3.17 0.00	30.20 -3.51 0.00	27.42 -2.78 0.00	26.43 -2.71 0.00	25.09 -2.66 0.00	26.22 -2.56 0.00	28.74 -3.37 0.00	37.35 -5.09 0.00	46.52 -6.59 0.00	49.91 -7.33 0.00	47.70 -6.75 0.00	41.15 -6.17 0.14	36.18 -5.55 0.00	33.83 -4.35 0.00
LOCKPORT___CC2 323770	36.69 -4.40 0.00	36.97 -2.57 0.00	35.45 -2.38 0.00	34.41 -1.93 0.00	34.97 -1.76 0.00	35.72 -2.65 0.00	38.40 -4.22 0.00	44.76 -5.36 0.00	42.73 -5.12 0.00	39.00 -4.14 0.00	33.31 -3.17 0.00	30.20 -3.51 0.00	27.42 -2.78 0.00	26.43 -2.71 0.00	25.09 -2.66 0.00	26.22 -2.56 0.00	28.74 -3.37 0.00	37.35 -5.09 0.00	46.52 -6.59 0.00	49.91 -7.33 0.00	47.70 -6.75 0.00	41.15 -6.17 0.14	36.18 -5.55 0.00	33.83 -4.35 0.00
LOCKPORT___CC3 323771	36.69 -4.40 0.00	36.97 -2.57 0.00	35.45 -2.38 0.00	34.41 -1.93 0.00	34.97 -1.76 0.00	35.72 -2.65 0.00	38.40 -4.22 0.00	44.76 -5.36 0.00	42.73 -5.12 0.00	39.00 -4.14 0.00	33.31 -3.17 0.00	30.20 -3.51 0.00	27.42 -2.78 0.00	26.43 -2.71 0.00	25.09 -2.66 0.00	26.22 -2.56 0.00	28.74 -3.37 0.00	37.35 -5.09 0.00	46.52 -6.59 0.00	49.91 -7.33 0.00	47.70 -6.75 0.00	41.15 -6.17 0.14	36.18 -5.55 0.00	33.83 -4.35 0.00
LOCUSVLY_69_KV_BK2 55797	43.14 2.05 0.00	41.05 1.50 0.00	39.08 1.25 0.00	37.32 0.98 0.00	37.76 1.03 0.00	39.55 1.19 0.00	44.33 1.70 0.00	52.28 2.16 0.00	50.38 2.54 0.00	45.39 2.24 0.00	38.83 2.33 -0.01	35.91 2.19 -0.01	32.17 1.96 0.00	31.27 2.13 -0.01	29.85 2.08 -0.01	30.90 2.10 -0.01	34.25 2.12 -0.01	45.47 3.01 -0.01	56.25 3.13 0.00	60.80 3.55 -0.01	57.67 3.21 0.00	50.40 2.94 0.00	44.28 2.55 0.00	40.45 2.25 -0.01
LONG_LAKE_PHOENIX 24014	40.35 -0.74 0.00	38.95 -0.59 0.00	37.30 -0.53 0.00	35.87 -0.47 0.00	36.25 -0.48 0.00	37.79 -0.58 0.00	41.90 -0.72 0.00	49.32 -0.80 0.00	47.08 -0.77 0.00	42.54 -0.60 0.00	36.01 -0.47 0.00	33.17 -0.54 0.00	29.75 -0.45 0.00	28.67 -0.47 0.00	27.28 -0.47 0.00	28.30 -0.49 0.00	31.57 -0.55 0.00	41.64 -0.81 0.00	52.26 -0.85 0.00	56.26 -0.97 0.00	53.58 -0.87 0.00	46.60 -0.85 0.00	40.98 -0.75 0.00	37.54 -0.65 0.00
LOVETT___3 23632	42.24 1.15 0.00	40.41 0.87 0.00	38.55 0.72 0.00	36.81 0.47 0.00	37.25 0.51 0.00	39.09 0.73 0.00	43.73 1.11 0.00	51.42 1.30 0.00	49.38 1.53 0.00	44.52 1.38 0.00	37.72 1.24 0.00	34.89 1.18 0.00	31.29 1.09 0.00	30.33 1.19 0.00	28.95 1.19 0.00	29.96 1.18 0.00	33.27 1.16 0.00	44.23 1.78 0.00	54.86 1.75 0.00	59.30 2.06 0.00	56.36 1.91 0.00	49.11 1.66 0.00	43.11 1.38 0.00	39.37 1.18 0.00
LOVETT___4 23642	42.24 1.15 0.00	40.41 0.87 0.00	38.55 0.72 0.00	36.81 0.47 0.00	37.25 0.51 0.00	39.09 0.73 0.00	43.73 1.11 0.00	51.42 1.30 0.00	49.38 1.53 0.00	44.52 1.38 0.00	37.72 1.24 0.00	34.89 1.18 0.00	31.29 1.09 0.00	30.33 1.19 0.00	28.95 1.19 0.00	29.96 1.18 0.00	33.27 1.16 0.00	44.23 1.78 0.00	54.86 1.75 0.00	59.30 2.06 0.00	56.36 1.91 0.00	49.11 1.66 0.00	43.11 1.38 0.00	39.37 1.18 0.00
LOVETT___5 23593	42.24 1.15 0.00	40.41 0.87 0.00	38.55 0.72 0.00	36.81 0.47 0.00	37.25 0.51 0.00	39.09 0.73 0.00	43.73 1.11 0.00	51.42 1.30 0.00	49.38 1.53 0.00	44.52 1.38 0.00	37.72 1.24 0.00	34.89 1.18 0.00	31.29 1.09 0.00	30.33 1.19 0.00	28.95 1.19 0.00	29.96 1.18 0.00	33.27 1.16 0.00	44.23 1.78 0.00	54.86 1.75 0.00	59.30 2.06 0.00	56.36 1.91 0.00	49.11 1.66 0.00	43.11 1.38 0.00	39.37 1.18 0.00
LOWER RAQUET___HYD 24057	41.00 -0.08 0.00	39.15 -0.40 0.00	37.38 -0.45 0.00	35.94 -0.40 0.00	36.25 -0.48 0.00	37.79 -0.57 0.00	42.06 -0.56 0.00	49.42 -0.70 0.00	47.03 -0.81 0.00	42.28 -0.86 0.00	35.79 -0.69 0.00	32.97 -0.74 0.00	29.42 -0.79 0.00	28.26 -0.87 0.00	26.95 -0.81 0.00	28.01 -0.78 0.00	31.41 -0.71 0.00	41.64 -0.81 0.00	52.05 -1.06 0.00	56.26 -0.97 0.00	53.53 -0.93 0.00	47.12 -0.33 0.00	41.44 -0.29 0.00	37.65 -0.53 0.00
LOWER___HUDSON 24059	41.78 0.70 0.00	40.10 0.55 0.00	38.36 0.53 0.00	36.85 0.51 0.00	37.25 0.51 0.00	39.01 0.65 0.00	43.64 1.02 0.00	51.28 1.15 0.00	48.71 0.86 0.00	43.83 0.69 0.00	36.92 0.44 0.00	34.25 0.54 0.00	30.59 0.39 0.00	29.48 0.35 0.00	28.09 0.33 0.00	29.19 0.40 0.00	32.69 0.58 0.00	43.21 0.76 0.00	54.17 1.06 0.00	58.55 1.32 0.00	55.65 1.20 0.00	48.40 0.95 0.00	42.61 0.88 0.00	38.95 0.76 0.00
LOWVILLE_115KV_TB2 356335	41.74 0.66 0.00	39.98 0.43 0.00	38.21 0.38 0.00	36.77 0.44 0.00	37.10 0.37 0.00	38.71 0.35 0.00	43.09 0.47 0.00	50.82 0.70 0.00	48.28 0.43 0.00	43.27 0.13 0.00	36.63 0.15 0.00	33.68 -0.03 0.00	29.99 -0.21 0.00	28.84 -0.29 0.00	27.45 -0.31 0.00	28.58 -0.20 0.00	32.05 -0.06 0.00	42.66 0.21 0.00	53.96 0.85 0.00	58.32 1.09 0.00	55.38 0.93 0.00	48.36 0.90 0.00	42.44 0.71 0.00	38.64 0.46 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	42.44 1.36 0.00	40.73 1.19 0.00	38.97 1.13 0.00	37.43 1.09 0.00	37.80 1.07 0.00	39.63 1.27 0.00	44.28 1.66 0.00	52.03 1.90 0.00	49.43 1.58 0.00	44.48 1.34 0.00	37.43 0.95 0.00	34.59 0.88 0.00	30.78 0.57 0.00	29.63 0.50 0.00	28.20 0.44 0.00	29.27 0.49 0.00	32.89 0.77 0.00	43.67 1.23 0.00	54.86 1.75 0.00	59.41 2.17 0.00	56.47 2.01 0.00	49.11 1.66 0.00	43.19 1.46 0.00	39.56 1.37 0.00
LUTHERNY_35_KV_BK2 355980	42.48 1.40 0.00	40.77 1.23 0.00	39.01 1.17 0.00	37.47 1.13 0.00	37.83 1.10 0.00	39.63 1.27 0.00	44.33 1.70 0.00	52.08 1.95 0.00	49.47 1.63 0.00	44.52 1.38 0.00	37.43 0.95 0.00	34.59 0.88 0.00	30.81 0.60 0.00	29.66 0.52 0.00	28.20 0.44 0.00	29.30 0.52 0.00	32.89 0.77 0.00	43.67 1.23 0.00	54.92 1.81 0.00	59.47 2.23 0.00	56.47 2.01 0.00	49.16 1.71 0.00	43.24 1.50 0.00	39.60 1.41 0.00
LWR__OSWEGATCHIE_HYD 23850	41.00 -0.08 0.00	39.23 -0.32 0.00	37.45 -0.38 0.00	36.01 -0.33 0.00	36.33 -0.40 0.00	37.90 -0.46 0.00	42.19 -0.43 0.00	49.67 -0.45 0.00	47.23 -0.62 0.00	42.37 -0.78 0.00	35.86 -0.62 0.00	33.00 -0.71 0.00	29.39 -0.82 0.00	28.26 -0.87 0.00	26.92 -0.83 0.00	28.01 -0.78 0.00	31.41 -0.71 0.00	41.76 -0.68 0.00	52.69 -0.42 0.00	56.84 -0.40 0.00	54.02 -0.44 0.00	47.31 -0.14 0.00	41.61 -0.13 0.00	37.80 -0.38 0.00
LYONS_FALL_HYD 23570	41.74 0.66 0.00	40.02 0.48 0.00	38.29 0.46 0.00	36.81 0.47 0.00	37.17 0.44 0.00	38.79 0.42 0.00	43.17 0.55 0.00	50.92 0.80 0.00	48.42 0.58 0.00	43.49 0.34 0.00	36.77 0.29 0.00	33.85 0.14 0.00	30.20 0.00 0.00	29.08 -0.06 0.00	27.67 -0.08 0.00	28.76 -0.03 0.00	32.24 0.13 0.00	42.82 0.38 0.00	54.01 0.90 0.00	58.32 1.08 0.00	55.38 0.92 0.00	48.35 0.90 0.00	42.44 0.71 0.00	38.68 0.50 0.00
MADISON__COUNTY_LFGE 323628	41.87 0.78 0.00	40.30 0.75 0.00	38.59 0.76 0.00	37.10 0.76 0.00	37.47 0.73 0.00	39.09 0.73 0.00	43.47 0.85 0.00	51.22 1.10 0.00	48.80 0.96 0.00	43.92 0.78 0.00	37.14 0.66 0.00	34.18 0.47 0.00	30.57 0.36 0.00	29.43 0.29 0.00	28.00 0.25 0.00	29.10 0.32 0.00	32.53 0.42 0.00	43.16 0.72 0.00	54.28 1.17 0.00	58.55 1.32 0.00	55.65 1.20 0.00	48.45 1.00 0.00	42.57 0.83 0.00	38.87 0.69 0.00
MALONE__115KV_TB1 356076	42.20 1.11 0.00	40.37 0.83 0.00	38.51 0.68 0.00	37.03 0.69 0.00	37.39 0.66 0.00	38.94 0.58 0.00	43.30 0.68 0.00	50.82 0.70 0.00	48.52 0.67 0.00	43.70 0.56 0.00	36.99 0.51 0.00	34.08 0.37 0.00	30.44 0.24 0.00	29.25 0.12 0.00	27.89 0.14 0.00	28.99 0.20 0.00	32.47 0.35 0.00	43.00 0.55 0.00	53.80 0.69 0.00	57.98 0.74 0.00	55.27 0.82 0.00	48.45 1.00 0.00	42.61 0.88 0.00	38.76 0.57 0.00
MAPLEWOD_115KV_TB3 80458	41.74 0.66 0.00	40.10 0.55 0.00	38.33 0.49 0.00	36.77 0.44 0.00	37.17 0.44 0.00	38.94 0.58 0.00	43.43 0.81 0.00	51.07 0.95 0.00	48.61 0.77 0.00	43.75 0.60 0.00	36.88 0.40 0.00	34.25 0.54 0.00	30.60 0.39 0.00	29.51 0.38 0.00	28.12 0.36 0.00	29.19 0.40 0.00	32.66 0.55 0.00	43.16 0.72 0.00	53.96 0.85 0.00	58.32 1.09 0.00	55.43 0.98 0.00	48.26 0.81 0.00	42.49 0.75 0.00	38.91 0.73 0.00
MAPLE_RIDGE_WT_1 323574	41.09 0.00 0.00	39.54 0.00 0.00	37.80 -0.04 0.00	36.30 -0.04 0.00	36.70 -0.04 0.00	38.32 -0.04 0.00	42.58 -0.04 0.00	50.07 -0.05 0.00	47.80 -0.05 0.00	43.10 -0.04 0.00	36.45 -0.04 0.00	33.64 -0.07 0.00	30.14 -0.06 0.00	29.05 -0.09 0.00	27.67 -0.08 0.00	28.73 -0.06 0.00	32.05 -0.06 0.00	42.36 -0.08 0.00	53.01 -0.11 0.00	57.12 -0.11 0.00	54.29 -0.16 0.00	47.36 -0.09 0.00	41.61 -0.12 0.00	38.00 -0.19 0.00
MAPLE_RIDGE_WT_2 323611	41.09 0.00 0.00	39.54 0.00 0.00	37.80 -0.04 0.00	36.30 -0.04 0.00	36.70 -0.04 0.00	38.32 -0.04 0.00	42.58 -0.04 0.00	50.07 -0.05 0.00	47.80 -0.05 0.00	43.10 -0.04 0.00	36.45 -0.04 0.00	33.64 -0.07 0.00	30.14 -0.06 0.00	29.05 -0.09 0.00	27.67 -0.08 0.00	28.73 -0.06 0.00	32.05 -0.06 0.00	42.36 -0.08 0.00	53.01 -0.11 0.00	57.12 -0.11 0.00	54.29 -0.16 0.00	47.36 -0.09 0.00	41.61 -0.12 0.00	38.00 -0.19 0.00
MARBLE_RIVER_WT_PWR 323696	41.78 0.70 0.00	40.10 0.55 0.00	38.29 0.46 0.00	36.78 0.44 0.00	37.14 0.40 0.00	38.71 0.34 0.00	43.00 0.38 0.00	50.47 0.35 0.00	48.19 0.34 0.00	43.45 0.30 0.00	36.74 0.26 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.16 0.03 0.00	27.81 0.06 0.00	28.87 0.09 0.00	32.31 0.19 0.00	42.74 0.30 0.00	53.32 0.21 0.00	57.52 0.29 0.00	54.78 0.33 0.00	48.03 0.57 0.00	42.24 0.50 0.00	38.53 0.34 0.00
MARSHVLE_115KV_TB1 80742	42.77 1.68 0.00	40.97 1.42 0.00	39.23 1.40 0.00	37.68 1.34 0.00	38.09 1.36 0.00	39.86 1.50 0.00	44.58 1.96 0.00	52.23 2.11 0.00	49.28 1.44 0.00	43.83 0.69 0.00	36.63 0.15 0.00	33.74 0.03 0.00	30.08 -0.12 0.00	28.93 -0.20 0.00	27.37 -0.39 0.00	28.41 -0.37 0.00	32.05 -0.06 0.00	43.25 0.81 0.00	55.29 2.18 0.00	60.04 2.80 0.00	57.01 2.56 0.00	49.64 2.18 0.00	43.57 1.84 0.00	39.79 1.60 0.00
MARSH_HILL_WT_PWR 323713	39.69 -1.40 0.00	39.19 -0.36 0.00	37.57 -0.26 0.00	36.23 -0.11 0.00	36.73 0.00 0.00	37.86 -0.50 0.00	41.38 -1.24 0.00	48.72 -1.40 0.00	46.51 -1.34 0.00	42.19 -0.95 0.00	35.86 -0.62 0.00	32.70 -1.01 0.00	29.45 -0.75 0.00	28.32 -0.82 0.00	26.89 -0.86 0.00	28.01 -0.78 0.00	31.02 -1.09 0.00	40.83 -1.61 0.00	51.41 -1.70 0.00	55.12 -2.12 0.00	52.66 -1.80 0.00	45.51 -1.90 0.04	39.90 -1.84 0.00	36.77 -1.41 0.00
MCINTYRE_115KV_TB2 80467	42.15 1.07 0.00	40.26 0.71 0.00	38.44 0.61 0.00	36.99 0.65 0.00	37.28 0.55 0.00	38.86 0.50 0.00	43.22 0.60 0.00	50.72 0.60 0.00	48.18 0.33 0.00	43.19 0.04 0.00	36.48 0.00 0.00	33.61 -0.10 0.00	29.99 -0.21 0.00	28.81 -0.32 0.00	27.48 -0.28 0.00	28.61 -0.17 0.00	32.11 0.00 0.00	42.66 0.21 0.00	53.70 0.58 0.00	57.81 0.57 0.00	55.00 0.54 0.00	48.40 0.95 0.00	42.57 0.83 0.00	38.68 0.50 0.00
MECO____69_KV_BK1 80468	43.31 2.22 0.00	41.52 1.98 0.00	39.72 1.89 0.00	38.19 1.85 0.00	38.57 1.84 0.00	40.40 2.03 0.00	45.22 2.60 0.00	52.93 2.81 0.00	49.86 2.01 0.00	44.39 1.25 0.00	37.07 0.58 0.00	34.08 0.37 0.00	30.26 0.06 0.00	29.08 -0.06 0.00	27.56 -0.19 0.00	28.64 -0.14 0.00	32.40 0.29 0.00	43.80 1.36 0.00	55.98 2.87 0.00	60.90 3.66 0.00	57.83 3.38 0.00	50.25 2.80 0.00	44.11 2.38 0.00	40.36 2.18 0.00
MENANDS__115KV_TB5 355628	41.58 0.49 0.00	39.94 0.40 0.00	38.17 0.34 0.00	36.63 0.29 0.00	37.03 0.29 0.00	38.82 0.46 0.00	43.26 0.64 0.00	50.87 0.75 0.00	48.47 0.62 0.00	43.62 0.47 0.00	36.77 0.29 0.00	34.15 0.44 0.00	30.50 0.30 0.00	29.45 0.32 0.00	28.06 0.31 0.00	29.13 0.35 0.00	32.56 0.45 0.00	43.04 0.59 0.00	53.75 0.64 0.00	58.10 0.86 0.00	55.16 0.71 0.00	48.02 0.57 0.00	42.32 0.58 0.00	38.76 0.57 0.00

MG INDUSTRY___DRP 24185	41.83 0.74 0.00	40.18 0.63 0.00	38.44 0.61 0.00	36.88 0.55 0.00	37.28 0.55 0.00	39.05 0.69 0.00	43.52 0.90 0.00	51.07 0.95 0.00	48.61 0.77 0.00	43.70 0.56 0.00	36.81 0.33 0.00	34.08 0.37 0.00	30.44 0.24 0.00	29.37 0.23 0.00	27.98 0.22 0.00	29.01 0.23 0.00	32.50 0.39 0.00	43.16 0.72 0.00	54.01 0.90 0.00	58.44 1.20 0.00	55.54 1.09 0.00	48.36 0.90 0.00	42.57 0.83 0.00	38.99 0.80 0.00
MID___OSWEGATCHIE_HYD 23849	41.00 -0.08 0.00	39.23 -0.32 0.00	37.45 -0.38 0.00	36.01 -0.33 0.00	36.33 -0.40 0.00	37.90 -0.46 0.00	42.19 -0.43 0.00	49.67 -0.45 0.00	47.23 -0.62 0.00	42.37 -0.78 0.00	35.86 -0.62 0.00	33.00 -0.71 0.00	29.39 -0.82 0.00	28.26 -0.87 0.00	26.92 -0.83 0.00	28.01 -0.78 0.00	31.41 -0.71 0.00	41.76 -0.68 0.00	52.69 -0.42 0.00	56.84 -0.40 0.00	54.02 -0.44 0.00	47.31 -0.14 0.00	41.61 -0.13 0.00	37.80 -0.38 0.00
MID___RAQUETTE_HYD 23851	41.00 -0.08 0.00	39.19 -0.36 0.00	37.38 -0.45 0.00	35.94 -0.40 0.00	36.25 -0.48 0.00	37.79 -0.58 0.00	42.07 -0.55 0.00	49.42 -0.70 0.00	47.03 -0.81 0.00	42.28 -0.86 0.00	35.79 -0.69 0.00	32.97 -0.74 0.00	29.42 -0.79 0.00	28.26 -0.87 0.00	26.95 -0.80 0.00	28.01 -0.78 0.00	31.41 -0.71 0.00	41.64 -0.81 0.00	52.26 -0.85 0.00	56.26 -0.97 0.00	53.53 -0.93 0.00	47.07 -0.38 0.00	41.44 -0.29 0.00	37.65 -0.53 0.00
MILLIKEN___1 23584	41.66 0.58 0.00	40.30 0.75 0.00	38.63 0.79 0.00	37.14 0.80 0.00	37.54 0.81 0.00	39.09 0.73 0.00	43.30 0.68 0.00	51.12 1.00 0.00	48.71 0.86 0.00	43.96 0.82 0.00	37.14 0.66 0.00	34.08 0.37 0.00	30.50 0.30 0.00	29.40 0.26 0.00	27.98 0.22 0.00	29.04 0.26 0.00	32.44 0.32 0.00	42.95 0.51 0.00	54.07 0.96 0.00	58.15 0.92 0.00	55.43 0.98 0.00	48.21 0.76 0.00	42.32 0.58 0.00	38.76 0.57 0.00
MILLIKEN___2 23585	41.66 0.58 0.00	40.30 0.75 0.00	38.63 0.79 0.00	37.14 0.80 0.00	37.54 0.81 0.00	39.09 0.73 0.00	43.30 0.68 0.00	51.12 1.00 0.00	48.71 0.86 0.00	43.96 0.82 0.00	37.14 0.66 0.00	34.08 0.37 0.00	30.50 0.30 0.00	29.40 0.26 0.00	27.98 0.22 0.00	29.04 0.26 0.00	32.44 0.32 0.00	42.95 0.51 0.00	54.07 0.96 0.00	58.15 0.92 0.00	55.43 0.98 0.00	48.21 0.76 0.00	42.32 0.58 0.00	38.76 0.57 0.00
MILLIKEN___DIESEL 23629	41.66 0.58 0.00	40.30 0.75 0.00	38.63 0.79 0.00	37.14 0.80 0.00	37.54 0.81 0.00	39.09 0.73 0.00	43.30 0.68 0.00	51.12 1.00 0.00	48.71 0.86 0.00	43.96 0.82 0.00	37.14 0.66 0.00	34.08 0.37 0.00	30.50 0.30 0.00	29.40 0.26 0.00	27.98 0.22 0.00	29.04 0.26 0.00	32.44 0.32 0.00	42.95 0.51 0.00	54.07 0.96 0.00	58.15 0.92 0.00	55.43 0.98 0.00	48.21 0.76 0.00	42.32 0.58 0.00	38.76 0.57 0.00
MILLSEAT___LFGE 323607	37.72 -3.37 0.00	37.84 -1.70 0.00	36.28 -1.55 0.00	35.25 -1.09 0.00	35.74 -0.99 0.00	36.64 -1.73 0.00	39.55 -3.07 0.00	46.16 -3.96 0.00	44.07 -3.78 0.00	40.17 -2.98 0.00	34.22 -2.26 0.00	31.01 -2.70 0.00	28.09 -2.12 0.00	27.01 -2.13 0.00	25.64 -2.11 0.00	26.80 -1.99 0.00	29.48 -2.63 0.00	38.45 -3.99 0.00	48.17 -4.94 0.00	51.69 -5.55 0.00	49.39 -5.06 0.00	42.69 -4.65 0.12	37.44 -4.30 0.00	34.86 -3.32 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.40 1.31 0.00	40.53 0.99 0.00	38.67 0.83 0.00	36.96 0.62 0.00	37.36 0.62 0.00	39.21 0.84 0.00	43.86 1.24 0.00	51.63 1.50 0.00	49.57 1.72 0.00	44.70 1.55 0.00	37.87 1.39 0.00	35.02 1.31 0.00	31.38 1.18 0.00	30.44 1.31 0.00	29.03 1.28 0.00	30.08 1.30 0.00	33.37 1.25 0.00	44.40 1.95 0.00	55.08 1.97 0.00	59.47 2.23 0.00	56.58 2.12 0.00	49.30 1.85 0.00	43.28 1.54 0.00	39.48 1.30 0.00
MILLWOOD_13_KV_LOAD 356217	42.48 1.40 0.00	40.65 1.11 0.00	38.78 0.95 0.00	37.03 0.69 0.00	37.43 0.70 0.00	39.32 0.96 0.00	43.94 1.32 0.00	51.78 1.65 0.00	49.67 1.82 0.00	44.83 1.68 0.00	37.94 1.46 0.00	35.06 1.35 0.00	31.44 1.24 0.00	30.47 1.34 0.00	29.06 1.30 0.00	30.11 1.32 0.00	33.40 1.28 0.00	44.44 1.99 0.00	55.18 2.07 0.00	59.64 2.40 0.00	56.74 2.29 0.00	49.40 1.95 0.00	43.36 1.63 0.00	39.60 1.41 0.00
MODEL_CITY_ENERGY 24167	36.20 -4.89 0.00	36.54 -3.01 0.00	35.03 -2.80 0.00	34.05 -2.29 0.00	34.56 -2.17 0.00	35.29 -3.07 0.00	37.89 -4.73 0.00	44.16 -5.97 0.00	42.10 -5.74 0.00	38.44 -4.70 0.00	32.83 -3.65 0.00	29.80 -3.91 0.00	27.09 -3.11 0.00	26.08 -3.06 0.00	24.79 -2.97 0.00	25.88 -2.91 0.00	28.39 -3.72 0.00	36.84 -5.60 0.00	45.89 -7.22 0.00	49.17 -8.07 0.00	47.00 -7.46 0.00	40.78 -6.55 0.13	35.68 -6.05 0.00	33.41 -4.77 0.00
MODERN_LFGE___ 323580	36.20 -4.89 0.00	36.54 -3.01 0.00	35.03 -2.80 0.00	34.05 -2.29 0.00	34.56 -2.17 0.00	35.29 -3.07 0.00	37.89 -4.73 0.00	44.16 -5.97 0.00	42.10 -5.74 0.00	38.44 -4.70 0.00	32.83 -3.65 0.00	29.80 -3.91 0.00	27.09 -3.11 0.00	26.08 -3.06 0.00	24.79 -2.97 0.00	25.88 -2.91 0.00	28.39 -3.72 0.00	36.84 -5.60 0.00	45.89 -7.22 0.00	49.17 -8.07 0.00	47.00 -7.46 0.00	40.78 -6.55 0.13	35.68 -6.05 0.00	33.41 -4.77 0.00
MOHAWK_PAPER___DRP 24187	41.74 0.66 0.00	40.10 0.55 0.00	38.33 0.49 0.00	36.77 0.44 0.00	37.17 0.44 0.00	38.94 0.58 0.00	43.43 0.81 0.00	51.07 0.95 0.00	48.61 0.77 0.00	43.75 0.60 0.00	36.88 0.40 0.00	34.25 0.54 0.00	30.60 0.39 0.00	29.51 0.38 0.00	28.12 0.36 0.00	29.19 0.40 0.00	32.66 0.55 0.00	43.16 0.72 0.00	53.96 0.85 0.00	58.32 1.09 0.00	55.43 0.98 0.00	48.26 0.81 0.00	42.49 0.75 0.00	38.91 0.73 0.00
MOHICAN_35_KV_115KV_LD 80490	42.69 1.60 0.00	40.93 1.38 0.00	39.16 1.32 0.00	37.61 1.27 0.00	37.98 1.25 0.00	39.82 1.46 0.00	44.62 2.00 0.00	52.38 2.26 0.00	49.76 1.91 0.00	44.83 1.68 0.00	37.61 1.13 0.00	34.69 0.98 0.00	30.78 0.57 0.00	29.57 0.44 0.00	28.12 0.36 0.00	29.16 0.37 0.00	32.85 0.74 0.00	43.76 1.32 0.00	55.13 2.02 0.00	59.81 2.58 0.00	56.80 2.34 0.00	49.45 1.99 0.00	43.44 1.71 0.00	39.79 1.60 0.00
MONGAUP___HYD 23641	42.40 1.31 0.00	40.53 0.99 0.00	38.74 0.91 0.00	37.21 0.87 0.00	37.65 0.92 0.00	39.28 0.92 0.00	43.81 1.19 0.00	50.82 0.70 0.00	48.66 0.81 0.00	43.66 0.52 0.00	37.40 0.91 0.00	34.55 0.84 0.00	30.93 0.72 0.00	29.95 0.81 0.00	28.56 0.81 0.00	29.59 0.80 0.00	33.08 0.96 0.00	43.89 1.44 0.00	54.44 1.33 0.00	58.84 1.60 0.00	55.87 1.41 0.00	48.64 1.19 0.00	43.11 1.38 0.00	39.44 1.26 0.00
MONTAUK___DIESEL 23721	42.94 1.85 0.00	40.61 1.07 0.00	38.55 0.72 0.00	36.81 0.47 0.00	37.32 0.59 0.00	39.21 0.84 0.00	44.33 1.70 0.00	52.63 2.51 0.00	50.91 3.06 0.00	45.69 2.55 0.00	39.88 3.39 -0.01	36.82 3.10 -0.01	32.95 2.75 0.00	32.26 3.12 -0.01	30.87 3.11 -0.01	32.13 3.34 -0.01	35.62 3.50 -0.01	47.04 4.58 -0.01	58.00 4.89 0.00	62.68 5.44 -0.01	59.25 4.79 0.00	51.58 4.13 0.00	45.24 3.51 0.00	41.33 3.13 -0.01

MOONROAD_115KV_HARTFLD_TB1-2 355988	38.17 -2.92 0.00	38.00 -1.54 0.00	36.62 -1.21 0.00	35.58 -0.76 0.00	36.18 -0.55 0.00	36.91 -1.46 0.00	40.19 -2.43 0.00	46.91 -3.21 0.00	44.88 -2.97 0.00	40.81 -2.33 0.00	34.84 -1.64 0.00	31.55 -2.16 0.00	28.66 -1.54 0.00	27.56 -1.57 0.00	26.23 -1.53 0.00	27.40 -1.38 0.00	30.03 -2.09 0.00	39.18 -3.27 0.00	48.92 -4.20 0.00	52.43 -4.81 0.00	50.04 -4.41 0.00	42.86 -4.51 0.09	37.69 -4.05 0.00	34.71 -3.47 0.00
MORRIS_RIDGE___SOLAR 323848	38.79 -2.30 0.00	38.48 -1.07 0.00	36.89 -0.94 0.00	35.65 -0.69 0.00	36.14 -0.59 0.00	37.17 -1.19 0.00	40.53 -2.09 0.00	47.46 -2.66 0.00	45.31 -2.54 0.00	41.12 -2.03 0.00	34.99 -1.50 0.00	31.82 -1.89 0.00	28.72 -1.48 0.00	27.62 -1.52 0.00	26.23 -1.53 0.00	27.32 -1.47 0.00	30.22 -1.89 0.00	39.64 -2.80 0.00	49.77 -3.34 0.00	53.40 -3.83 0.00	50.97 -3.49 0.00	44.02 -3.37 0.06	38.65 -3.09 0.00	35.74 -2.44 0.00
MORTIMER_115KV_TB3 55949	39.44 -1.64 0.00	38.67 -0.87 0.00	37.15 -0.68 0.00	35.94 -0.40 0.00	36.36 -0.37 0.00	37.60 -0.77 0.00	41.30 -1.32 0.00	48.42 -1.70 0.00	46.27 -1.58 0.00	42.02 -1.12 0.00	35.64 -0.84 0.00	32.56 -1.15 0.00	29.33 -0.88 0.00	28.23 -0.90 0.00	26.81 -0.94 0.00	27.86 -0.92 0.00	30.93 -1.19 0.00	40.62 -1.83 0.00	50.99 -2.12 0.00	54.78 -2.46 0.00	52.28 -2.18 0.00	45.30 -2.18 -0.03	39.86 -1.88 0.00	36.70 -1.49 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.65 1.56 0.00	40.73 1.19 0.00	38.85 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.40 1.04 0.00	44.07 1.45 0.00	51.88 1.75 0.00	49.86 2.01 0.00	45.00 1.86 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.62 1.42 0.00	30.74 1.60 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.62 1.51 0.00	44.74 2.29 0.00	55.34 2.23 0.00	59.76 2.52 0.00	56.85 2.40 0.00	49.59 2.14 0.00	43.53 1.79 0.00	39.71 1.53 0.00
MUNSVILLE_WIND_PWR 323609	43.18 2.09 0.00	41.56 2.02 0.00	39.80 1.97 0.00	38.30 1.96 0.00	38.71 1.98 0.00	40.40 2.03 0.00	44.92 2.30 0.00	53.08 2.96 0.00	50.57 2.73 0.00	45.21 2.07 0.00	38.13 1.64 0.00	34.89 1.18 0.00	31.05 0.84 0.00	29.83 0.70 0.00	28.42 0.67 0.00	29.65 0.86 0.00	33.33 1.22 0.00	44.56 2.12 0.00	56.62 3.50 0.00	61.07 3.84 0.00	58.05 3.59 0.00	50.49 3.04 0.00	44.15 2.42 0.00	40.29 2.10 0.00
N SALMON___HYD 24042	42.20 1.11 0.00	40.38 0.83 0.00	38.51 0.68 0.00	37.03 0.69 0.00	37.39 0.66 0.00	38.94 0.58 0.00	43.30 0.68 0.00	50.82 0.70 0.00	48.52 0.67 0.00	43.70 0.56 0.00	36.99 0.51 0.00	34.08 0.37 0.00	30.44 0.24 0.00	29.25 0.12 0.00	27.89 0.14 0.00	28.99 0.20 0.00	32.47 0.35 0.00	42.99 0.55 0.00	53.64 0.53 0.00	57.98 0.74 0.00	55.27 0.82 0.00	48.50 1.04 0.00	42.61 0.88 0.00	38.76 0.57 0.00
N.AKRON___115KV_KNAPP 355671	37.64 -3.45 0.00	37.57 -1.98 0.00	36.24 -1.59 0.00	35.28 -1.05 0.00	35.78 -0.96 0.00	36.56 -1.80 0.00	39.55 -3.07 0.00	46.01 -4.11 0.00	43.92 -3.92 0.00	40.08 -3.06 0.00	34.11 -2.37 0.00	30.91 -2.80 0.00	28.03 -2.17 0.00	26.92 -2.21 0.00	25.62 -2.14 0.00	26.71 -2.07 0.00	29.35 -2.76 0.00	38.33 -4.12 0.00	48.01 -5.10 0.00	51.46 -5.78 0.00	49.23 -5.23 0.00	42.57 -4.75 0.13	37.48 -4.26 0.00	34.75 -3.44 0.00
N.E._GEN_SANDY PD 24062	41.74 0.66 0.00	39.98 0.44 0.00	38.25 0.42 0.00	36.66 0.33 0.00	37.10 0.37 0.00	38.90 0.54 0.00	43.56 0.94 0.00	51.22 1.10 0.00	48.71 0.86 0.00	43.83 0.69 0.00	36.96 0.47 0.00	34.32 0.61 0.00	30.72 0.51 0.00	29.69 0.55 0.00	28.31 0.55 0.00	29.42 0.63 0.00	32.90 0.74 -0.05	43.33 0.93 0.05	54.17 1.06 0.00	58.49 1.26 0.00	55.60 1.15 0.00	48.40 0.95 0.00	42.61 0.88 0.00	38.91 0.72 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.32 1.23 0.00	40.49 0.95 0.00	38.63 0.79 0.00	36.88 0.55 0.00	37.32 0.59 0.00	39.17 0.81 0.00	43.77 1.15 0.00	51.52 1.40 0.00	49.43 1.58 0.00	44.57 1.42 0.00	37.72 1.24 0.00	34.89 1.18 0.00	31.29 1.09 0.00	30.33 1.19 0.00	28.95 1.19 0.00	29.96 1.18 0.00	33.30 1.19 0.00	44.27 1.83 0.00	54.97 1.86 0.00	59.35 2.12 0.00	56.47 2.01 0.00	49.21 1.76 0.00	43.19 1.46 0.00	39.41 1.22 0.00
N.QUEENS_27_KV_LOAD 356247	42.65 1.56 0.00	40.73 1.19 0.00	38.82 0.98 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.21 0.84 0.00	43.98 1.36 0.00	51.63 1.50 0.00	49.81 1.96 0.00	45.08 1.94 0.00	38.16 1.68 0.00	35.29 1.58 0.00	31.71 1.51 0.00	30.85 1.72 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.66 1.54 0.00	44.86 2.42 0.00	55.24 2.12 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.54 2.09 0.00	43.44 1.71 0.00	39.56 1.37 0.00
N.TROY___115KV_TB1 355778	41.83 0.74 0.00	40.14 0.59 0.00	38.40 0.57 0.00	36.85 0.51 0.00	37.21 0.48 0.00	39.05 0.69 0.00	43.60 0.98 0.00	51.27 1.15 0.00	48.76 0.91 0.00	43.83 0.69 0.00	36.92 0.44 0.00	34.25 0.54 0.00	30.60 0.39 0.00	29.51 0.38 0.00	28.09 0.33 0.00	29.19 0.40 0.00	32.69 0.58 0.00	43.25 0.81 0.00	54.12 1.01 0.00	58.55 1.32 0.00	55.65 1.20 0.00	48.40 0.95 0.00	42.61 0.88 0.00	39.03 0.84 0.00
NARROWS_GT1_1 24228	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT1_2 24229	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT1_3 24230	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT1_4 24231	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00

NARROWS_GT1_5 24232	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT1_6 24233	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT1_7 24234	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT1_8 24235	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT2_1 24236	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT2_2 24237	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT2_3 24238	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT2_4 24239	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT2_5 24240	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT2_6 24241	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT2_7 24242	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NARROWS_GT2_8 24243	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.52 1.44 0.00	40.85 1.30 0.00	39.04 1.21 0.00	37.47 1.13 0.00	37.87 1.14 0.00	39.63 1.27 0.00	44.20 1.58 0.00	51.68 1.55 0.00	49.14 1.29 0.00	44.01 0.86 0.00	36.92 0.44 0.00	34.15 0.44 0.00	30.38 0.18 0.00	29.31 0.17 0.00	27.92 0.17 0.00	28.99 0.20 0.00	32.66 0.55 0.00	43.59 1.15 0.00	54.81 1.70 0.00	59.35 2.12 0.00	56.31 1.85 0.00	48.97 1.52 0.00	43.11 1.38 0.00	39.52 1.34 0.00
NCHELSEA_115KV_TR2 355582	42.69 1.60 0.00	40.89 1.34 0.00	39.01 1.17 0.00	37.25 0.91 0.00	37.69 0.96 0.00	39.55 1.19 0.00	44.20 1.58 0.00	51.88 1.75 0.00	49.76 1.91 0.00	44.74 1.60 0.00	37.80 1.31 0.00	34.96 1.25 0.00	31.26 1.06 0.00	30.27 1.14 0.00	28.89 1.14 0.00	29.94 1.15 0.00	33.37 1.25 0.00	44.48 2.04 0.00	55.34 2.23 0.00	59.81 2.58 0.00	56.85 2.40 0.00	49.49 2.04 0.00	43.44 1.71 0.00	39.71 1.53 0.00
NEG CAPITAL__MECHNVIL 23645	42.48 1.40 0.00	40.73 1.19 0.00	39.01 1.17 0.00	37.47 1.13 0.00	37.83 1.10 0.00	39.63 1.26 0.00	44.37 1.75 0.00	52.07 1.95 0.00	49.48 1.63 0.00	44.56 1.42 0.00	37.47 0.99 0.00	34.65 0.94 0.00	30.84 0.64 0.00	29.69 0.55 0.00	28.26 0.50 0.00	29.36 0.58 0.00	32.95 0.83 0.00	43.76 1.32 0.00	55.02 1.91 0.00	59.53 2.29 0.00	56.52 2.07 0.00	49.21 1.76 0.00	43.28 1.55 0.00	39.56 1.37 0.00

NEG CENTRAL_HIGH_ACRES 23767	39.32 -1.77 0.00	38.48 -1.07 0.00	36.89 -0.94 0.00	35.61 -0.73 0.00	36.00 -0.73 0.00	37.33 -1.03 0.00	41.04 -1.58 0.00	48.27 -1.85 0.00	46.13 -1.72 0.00	41.89 -1.25 0.00	35.50 -0.98 0.00	32.46 -1.25 0.00	29.18 -1.03 0.00	28.09 -1.05 0.00	26.67 -1.08 0.00	27.72 -1.06 0.00	30.83 -1.29 0.00	40.53 -1.91 0.00	50.93 -2.18 0.00	54.66 -2.57 0.00	52.17 -2.29 0.00	45.24 -2.23 -0.02	39.69 -2.04 0.00	36.55 -1.64 0.00
NEG CENTRAL___DRP 24199	40.80 -0.29 0.00	39.58 0.04 0.00	37.98 0.15 0.00	36.59 0.25 0.00	37.03 0.29 0.00	38.44 0.08 0.00	42.49 -0.13 0.00	49.97 -0.15 0.00	47.75 -0.10 0.00	43.19 0.04 0.00	36.52 0.04 0.00	33.47 -0.24 0.00	30.05 -0.15 0.00	28.93 -0.20 0.00	27.53 -0.22 0.00	28.58 -0.20 0.00	31.83 -0.29 0.00	42.06 -0.38 0.00	52.79 -0.32 0.00	56.61 -0.63 0.00	54.02 -0.44 0.00	47.07 -0.38 0.00	41.36 -0.38 0.00	37.96 -0.23 0.00
NEG CENTRAL___INDECK 23768	40.80 -0.29 0.00	40.26 0.71 0.00	38.59 0.76 0.00	37.32 0.98 0.00	37.76 1.03 0.00	39.05 0.69 0.00	42.75 0.13 0.00	50.12 0.00 0.00	47.70 -0.14 0.00	43.19 0.04 0.00	36.48 0.00 0.00	33.17 -0.54 0.00	29.84 -0.36 0.00	28.64 -0.50 0.00	27.20 -0.55 0.00	28.32 -0.46 0.00	31.50 -0.61 0.00	41.55 -0.89 0.00	52.68 -0.43 0.00	56.72 -0.52 0.00	54.29 -0.16 0.00	46.92 -0.52 0.01	41.06 -0.67 0.00	37.84 -0.34 0.00
NEG CENTRAL___SENECA 23627	40.72 -0.37 0.00	39.66 0.12 0.00	38.06 0.23 0.00	36.70 0.36 0.00	37.14 0.40 0.00	38.52 0.15 0.00	42.49 -0.13 0.00	49.92 -0.20 0.00	47.70 -0.14 0.00	43.14 0.00 0.00	36.52 0.04 0.00	33.41 -0.30 0.00	29.99 -0.21 0.00	28.84 -0.29 0.00	27.42 -0.33 0.00	28.50 -0.29 0.00	31.73 -0.39 0.00	41.93 -0.51 0.00	52.58 -0.53 0.00	56.26 -0.97 0.00	53.69 -0.76 0.00	46.88 -0.57 0.00	41.19 -0.54 0.00	37.84 -0.34 0.00
NEG CENTRAL___STATE_STREET 24147	41.05 -0.04 0.00	39.70 0.16 0.00	38.06 0.23 0.00	36.63 0.29 0.00	37.03 0.29 0.00	38.52 0.15 0.00	42.71 0.09 0.00	50.32 0.20 0.00	48.09 0.24 0.00	43.45 0.30 0.00	36.74 0.26 0.00	33.74 0.03 0.00	30.26 0.06 0.00	29.16 0.03 0.00	27.76 0.00 0.00	28.81 0.03 0.00	32.15 0.03 0.00	42.49 0.04 0.00	53.38 0.27 0.00	57.35 0.11 0.00	54.67 0.22 0.00	47.55 0.09 0.00	41.73 0.00 0.00	38.22 0.04 0.00
NEG MILLWOOD___DRP 24198	42.89 1.81 0.00	41.05 1.50 0.00	39.16 1.32 0.00	37.39 1.05 0.00	37.80 1.07 0.00	39.67 1.30 0.00	44.33 1.70 0.00	52.28 2.16 0.00	50.10 2.25 0.00	45.13 1.98 0.00	38.09 1.61 0.00	35.19 1.48 0.00	31.50 1.30 0.00	30.47 1.34 0.00	29.06 1.30 0.00	30.11 1.32 0.00	33.50 1.38 0.00	44.65 2.21 0.00	55.61 2.50 0.00	60.16 2.92 0.00	57.23 2.78 0.00	49.78 2.33 0.00	43.70 1.96 0.00	39.90 1.72 0.00
NEG NORTH_FLCN_SEA 23793	42.36 1.27 0.00	40.61 1.07 0.00	38.78 0.95 0.00	37.28 0.94 0.00	37.65 0.92 0.00	39.21 0.84 0.00	43.52 0.90 0.00	51.12 1.00 0.00	48.76 0.91 0.00	43.96 0.82 0.00	37.21 0.73 0.00	34.32 0.61 0.00	30.69 0.48 0.00	29.51 0.38 0.00	28.14 0.39 0.00	29.22 0.43 0.00	32.69 0.58 0.00	43.25 0.81 0.00	54.12 1.01 0.00	58.27 1.03 0.00	55.49 1.03 0.00	48.64 1.19 0.00	42.78 1.04 0.00	38.99 0.80 0.00
NEG NORTH_KES_CHATEGAY 23792	41.91 0.82 0.00	40.18 0.63 0.00	38.36 0.53 0.00	36.88 0.55 0.00	37.21 0.48 0.00	38.79 0.42 0.00	43.09 0.47 0.00	50.57 0.45 0.00	48.23 0.38 0.00	43.49 0.35 0.00	36.77 0.29 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.19 0.06 0.00	27.84 0.08 0.00	28.90 0.12 0.00	32.34 0.22 0.00	42.78 0.34 0.00	53.59 0.48 0.00	57.69 0.46 0.00	54.94 0.49 0.00	48.17 0.71 0.00	42.36 0.63 0.00	38.61 0.42 0.00
NEG NORTH___ALICE_FALLS 23915	42.52 1.44 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.39 1.05 0.00	37.76 1.03 0.00	39.32 0.96 0.00	43.69 1.07 0.00	51.27 1.15 0.00	48.95 1.10 0.00	44.14 0.99 0.00	37.36 0.88 0.00	34.42 0.71 0.00	30.75 0.54 0.00	29.57 0.44 0.00	28.20 0.44 0.00	29.30 0.52 0.00	32.79 0.67 0.00	43.38 0.93 0.00	54.28 1.17 0.00	58.50 1.26 0.00	55.71 1.25 0.00	48.83 1.38 0.00	42.94 1.21 0.00	39.10 0.92 0.00
NEG NORTH___LWR_SARANAC 23913	42.52 1.44 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.39 1.05 0.00	37.76 1.03 0.00	39.32 0.96 0.00	43.69 1.07 0.00	51.27 1.15 0.00	48.95 1.10 0.00	44.14 0.99 0.00	37.36 0.88 0.00	34.42 0.71 0.00	30.75 0.54 0.00	29.57 0.44 0.00	28.20 0.44 0.00	29.30 0.52 0.00	32.79 0.67 0.00	43.38 0.93 0.00	54.28 1.17 0.00	58.50 1.26 0.00	55.71 1.25 0.00	48.83 1.38 0.00	42.94 1.21 0.00	39.10 0.92 0.00
NEG NORTH___PLATTSBURG 23628	42.52 1.44 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.39 1.05 0.00	37.76 1.03 0.00	39.32 0.96 0.00	43.69 1.07 0.00	51.28 1.15 0.00	48.95 1.10 0.00	44.14 0.99 0.00	37.36 0.87 0.00	34.42 0.71 0.00	30.75 0.54 0.00	29.57 0.44 0.00	28.20 0.44 0.00	29.30 0.52 0.00	32.79 0.68 0.00	43.38 0.93 0.00	54.12 1.01 0.00	58.49 1.26 0.00	55.71 1.25 0.00	48.88 1.42 0.00	42.94 1.21 0.00	39.10 0.91 0.00
NEG WEST_LEA_LOCKPORT 23791	36.73 -4.36 0.00	36.78 -2.77 0.00	35.49 -2.35 0.00	34.56 -1.78 0.00	35.08 -1.65 0.00	35.72 -2.65 0.00	38.53 -4.09 0.00	44.76 -5.36 0.00	42.73 -5.12 0.00	39.00 -4.14 0.00	33.31 -3.17 0.00	30.20 -3.51 0.00	27.42 -2.78 0.00	26.37 -2.77 0.00	25.09 -2.66 0.00	26.19 -2.59 0.00	28.68 -3.44 0.00	37.35 -5.09 0.00	46.53 -6.59 0.00	49.85 -7.38 0.00	47.70 -6.75 0.00	41.20 -6.12 0.14	36.39 -5.34 0.00	33.87 -4.32 0.00
NEG WEST___LANCASTR 23811	38.58 -2.51 0.00	38.32 -1.23 0.00	36.93 -0.91 0.00	35.87 -0.47 0.00	36.40 -0.33 0.00	37.17 -1.19 0.00	40.45 -2.17 0.00	47.11 -3.01 0.00	44.98 -2.87 0.00	40.94 -2.20 0.00	34.95 -1.53 0.00	31.72 -1.99 0.00	28.81 -1.39 0.00	27.71 -1.43 0.00	26.40 -1.36 0.00	27.52 -1.27 0.00	30.19 -1.93 0.00	39.39 -3.06 0.00	49.13 -3.98 0.00	52.72 -4.52 0.00	50.37 -4.08 0.00	43.38 -3.99 0.09	38.31 -3.42 0.00	35.48 -2.71 0.00
NEG_PENN_ALLEGHNY 23528	40.96 -0.12 0.00	39.70 0.16 0.00	38.02 0.19 0.00	36.52 0.18 0.00	36.95 0.22 0.00	38.44 0.08 0.00	42.54 -0.09 0.00	49.97 -0.15 0.00	47.70 -0.14 0.00	43.14 0.00 0.00	36.56 0.07 0.00	33.58 -0.13 0.00	30.14 -0.06 0.00	29.05 -0.09 0.00	27.64 -0.11 0.00	28.76 -0.03 0.00	32.02 -0.10 0.00	42.27 -0.17 0.00	53.06 -0.05 0.00	57.07 -0.17 0.00	54.35 -0.11 0.00	47.20 -0.24 0.02	41.48 -0.25 0.00	38.07 -0.11 0.00
NEG___GEN_MONROE 24207	39.07 -2.01 0.00	38.36 -1.19 0.00	36.96 -0.87 0.00	35.79 -0.55 0.00	36.25 -0.48 0.00	37.44 -0.92 0.00	41.00 -1.62 0.00	47.87 -2.26 0.00	45.69 -2.15 0.00	41.50 -1.64 0.00	35.17 -1.31 0.00	32.09 -1.62 0.00	28.93 -1.27 0.00	27.85 -1.28 0.00	26.48 -1.28 0.00	27.55 -1.24 0.00	30.48 -1.64 0.00	39.98 -2.46 0.00	50.19 -2.92 0.00	54.03 -3.21 0.00	51.62 -2.83 0.00	44.77 -2.70 -0.02	39.40 -2.34 0.00	36.39 -1.79 0.00

NEPA__ENERGY 23901	37.88 -3.20 0.00	37.65 -1.90 0.00	36.28 -1.55 0.00	35.21 -1.13 0.00	35.78 -0.96 0.00	36.56 -1.80 0.00	39.76 -2.86 0.00	46.41 -3.71 0.00	44.26 -3.59 0.00	40.25 -2.89 0.00	34.40 -2.08 0.00	31.25 -2.46 0.00	28.36 -1.84 0.00	27.30 -1.84 0.00	26.01 -1.75 0.00	27.09 -1.70 0.00	29.74 -2.38 0.00	38.79 -3.65 0.00	48.38 -4.73 0.00	51.86 -5.38 0.00	49.55 -4.90 0.00	42.67 -4.70 0.09	37.60 -4.13 0.00	34.83 -3.36 0.00
NEVERSINK__HYD 23608	42.52 1.44 0.00	40.65 1.11 0.00	38.86 1.02 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.36 1.00 0.00	43.94 1.32 0.00	51.52 1.40 0.00	49.42 1.58 0.00	44.39 1.25 0.00	37.47 0.99 0.00	34.62 0.91 0.00	30.96 0.76 0.00	29.98 0.85 0.00	28.59 0.83 0.00	29.62 0.84 0.00	33.11 1.00 0.00	44.14 1.70 0.00	55.24 2.13 0.00	59.58 2.35 0.00	56.58 2.12 0.00	49.26 1.80 0.00	43.23 1.50 0.00	39.56 1.37 0.00
NEWKRMKL_115KV_TB1 55635	41.50 0.41 0.00	39.86 0.32 0.00	38.10 0.26 0.00	36.59 0.25 0.00	36.95 0.22 0.00	38.71 0.35 0.00	43.17 0.55 0.00	50.72 0.60 0.00	48.37 0.53 0.00	43.53 0.39 0.00	36.70 0.22 0.00	34.11 0.40 0.00	30.44 0.24 0.00	29.37 0.23 0.00	27.98 0.22 0.00	29.04 0.26 0.00	32.53 0.42 0.00	42.95 0.51 0.00	53.64 0.53 0.00	57.98 0.74 0.00	55.11 0.65 0.00	47.98 0.52 0.00	42.28 0.54 0.00	38.72 0.53 0.00
NEWTON__FALLS_HYD 23847	41.00 -0.08 0.00	39.23 -0.32 0.00	37.45 -0.38 0.00	36.01 -0.33 0.00	36.33 -0.40 0.00	37.90 -0.46 0.00	42.19 -0.43 0.00	49.67 -0.45 0.00	47.23 -0.62 0.00	42.37 -0.78 0.00	35.86 -0.62 0.00	33.00 -0.71 0.00	29.39 -0.82 0.00	28.26 -0.87 0.00	26.92 -0.83 0.00	28.01 -0.78 0.00	31.41 -0.71 0.00	41.76 -0.68 0.00	52.69 -0.42 0.00	56.84 -0.40 0.00	54.02 -0.44 0.00	47.31 -0.14 0.00	41.61 -0.13 0.00	37.80 -0.38 0.00
NGRID_A1_DSASP 323792	36.61 -4.48 0.00	36.70 -2.85 0.00	35.45 -2.38 0.00	34.49 -1.85 0.00	35.04 -1.69 0.00	35.68 -2.69 0.00	38.02 -4.60 0.00	44.16 -5.96 0.00	42.11 -5.74 0.00	38.48 -4.66 0.00	32.87 -3.61 0.00	29.87 -3.84 0.00	27.15 -3.05 0.00	26.10 -3.03 0.00	24.84 -2.91 0.00	25.91 -2.88 0.00	28.36 -3.76 0.00	36.84 -5.60 0.00	45.84 -7.28 0.00	49.05 -8.18 0.00	46.94 -7.51 0.00	40.28 -7.07 0.11	35.89 -5.84 0.00	33.57 -4.62 0.00
NGRID_A2_DSASP 323793	36.61 -4.48 0.00	36.70 -2.85 0.00	35.45 -2.38 0.00	34.49 -1.85 0.00	35.04 -1.69 0.00	35.68 -2.69 0.00	38.02 -4.60 0.00	44.16 -5.96 0.00	42.11 -5.74 0.00	38.48 -4.66 0.00	32.87 -3.61 0.00	29.87 -3.84 0.00	27.15 -3.05 0.00	26.10 -3.03 0.00	24.84 -2.91 0.00	25.91 -2.88 0.00	28.36 -3.76 0.00	36.84 -5.60 0.00	45.84 -7.28 0.00	49.05 -8.18 0.00	46.94 -7.51 0.00	40.28 -7.07 0.11	35.89 -5.84 0.00	33.57 -4.62 0.00
NGRID_A4_DSASP 323807	36.61 -4.48 0.00	36.70 -2.85 0.00	35.45 -2.38 0.00	34.49 -1.85 0.00	35.04 -1.69 0.00	35.68 -2.69 0.00	38.02 -4.60 0.00	44.16 -5.96 0.00	42.11 -5.74 0.00	38.48 -4.66 0.00	32.87 -3.61 0.00	29.87 -3.84 0.00	27.15 -3.05 0.00	26.10 -3.03 0.00	24.84 -2.91 0.00	25.91 -2.88 0.00	28.36 -3.76 0.00	36.84 -5.60 0.00	45.84 -7.28 0.00	49.05 -8.18 0.00	46.94 -7.51 0.00	40.28 -7.07 0.11	35.89 -5.84 0.00	33.57 -4.62 0.00
NIAGARA_115E_LBMP 323715	35.91 -5.18 0.00	36.26 -3.28 0.00	34.81 -3.03 0.00	33.83 -2.51 0.00	34.35 -2.39 0.00	35.03 -3.34 0.00	37.59 -5.03 0.00	43.80 -6.32 0.00	41.77 -6.08 0.00	38.14 -5.00 0.00	32.61 -3.87 0.00	29.60 -4.11 0.00	26.88 -3.32 0.00	25.90 -3.23 0.00	24.62 -3.14 0.00	25.71 -3.08 0.00	28.16 -3.95 0.00	36.55 -5.90 0.00	45.46 -7.65 0.00	48.71 -8.53 0.00	46.61 -7.84 0.00	40.50 -6.83 0.12	35.39 -6.34 0.00	33.14 -5.04 0.00
NIAGARA_115W_LBMP 323714	36.57 -4.52 0.00	36.90 -2.65 0.00	35.41 -2.42 0.00	34.38 -1.96 0.00	34.90 -1.84 0.00	35.64 -2.72 0.00	37.85 -4.77 0.00	44.06 -6.07 0.00	42.06 -5.79 0.00	38.40 -4.75 0.00	32.83 -3.65 0.00	29.83 -3.88 0.00	27.09 -3.11 0.00	26.10 -3.03 0.00	24.81 -2.94 0.00	25.91 -2.88 0.00	28.39 -3.72 0.00	36.80 -5.64 0.00	45.78 -7.33 0.00	49.00 -8.24 0.00	46.89 -7.57 0.00	40.14 -7.21 0.10	35.60 -6.13 0.00	33.53 -4.66 0.00
NIAGARA_230_LBMP 323716	36.65 -4.44 0.00	36.90 -2.65 0.00	35.41 -2.42 0.00	34.34 -2.00 0.00	34.86 -1.87 0.00	35.64 -2.72 0.00	38.32 -4.30 0.00	44.66 -5.46 0.00	42.58 -5.26 0.00	38.92 -4.23 0.00	33.24 -3.25 0.00	30.20 -3.51 0.00	27.45 -2.75 0.00	26.43 -2.71 0.00	25.15 -2.61 0.00	26.22 -2.56 0.00	28.77 -3.34 0.00	37.31 -5.14 0.00	46.42 -6.69 0.00	49.74 -7.50 0.00	47.54 -6.92 0.00	40.81 -6.55 0.10	36.14 -5.59 0.00	33.87 -4.32 0.00
NIAGARA__115KV_198_GIBSON 55903	36.61 -4.48 0.00	36.70 -2.85 0.00	35.45 -2.38 0.00	34.49 -1.85 0.00	35.01 -1.73 0.00	35.64 -2.72 0.00	37.97 -4.65 0.00	44.06 -6.06 0.00	42.06 -5.79 0.00	38.44 -4.70 0.00	32.83 -3.65 0.00	29.80 -3.91 0.00	27.09 -3.11 0.00	26.07 -3.06 0.00	24.81 -2.94 0.00	25.88 -2.91 0.00	28.33 -3.79 0.00	36.80 -5.64 0.00	45.78 -7.33 0.00	48.94 -8.30 0.00	46.89 -7.57 0.00	40.23 -7.12 0.10	35.81 -5.93 0.00	33.53 -4.66 0.00
NIAGARA____ 23760	36.65 -4.44 0.00	36.90 -2.65 0.00	35.41 -2.42 0.00	34.34 -2.00 0.00	34.86 -1.87 0.00	35.64 -2.72 0.00	38.32 -4.30 0.00	44.66 -5.46 0.00	42.58 -5.26 0.00	38.92 -4.23 0.00	33.24 -3.25 0.00	30.20 -3.51 0.00	27.45 -2.75 0.00	26.43 -2.71 0.00	25.15 -2.61 0.00	26.22 -2.56 0.00	28.77 -3.34 0.00	37.31 -5.14 0.00	46.42 -6.69 0.00	49.74 -7.50 0.00	47.54 -6.92 0.00	40.80 -6.55 0.10	36.14 -5.59 0.00	33.87 -4.32 0.00
NINE_MILE_1 23575	40.02 -1.07 0.00	38.64 -0.91 0.00	36.96 -0.87 0.00	35.54 -0.80 0.00	35.92 -0.81 0.00	37.48 -0.88 0.00	41.56 -1.06 0.00	48.87 -1.25 0.00	46.65 -1.19 0.00	42.11 -1.04 0.00	35.65 -0.84 0.00	32.90 -0.81 0.00	29.51 -0.69 0.00	28.46 -0.67 0.00	27.12 -0.64 0.00	28.12 -0.66 0.00	31.31 -0.80 0.00	41.30 -1.14 0.00	51.79 -1.33 0.00	55.75 -1.49 0.00	53.04 -1.42 0.00	46.17 -1.28 0.00	40.61 -1.12 0.00	37.19 -0.99 0.00
NINE_MILE_2 23744	40.02 -1.07 0.00	38.64 -0.91 0.00	36.96 -0.87 0.00	35.54 -0.80 0.00	35.92 -0.81 0.00	37.48 -0.88 0.00	41.56 -1.06 0.00	48.87 -1.25 0.00	46.65 -1.19 0.00	42.11 -1.04 0.00	35.68 -0.80 0.00	32.90 -0.81 0.00	29.51 -0.69 0.00	28.46 -0.67 0.00	27.12 -0.64 0.00	28.12 -0.66 0.00	31.31 -0.80 0.00	41.30 -1.14 0.00	51.79 -1.33 0.00	55.75 -1.49 0.00	53.04 -1.42 0.00	46.17 -1.28 0.00	40.61 -1.12 0.00	37.19 -0.99 0.00
NM_CAPITAL__DRP 24208	41.54 0.45 0.00	39.90 0.36 0.00	38.14 0.30 0.00	36.59 0.25 0.00	36.99 0.26 0.00	38.79 0.42 0.00	43.22 0.60 0.00	50.82 0.70 0.00	48.37 0.53 0.00	43.57 0.43 0.00	36.74 0.26 0.00	34.11 0.40 0.00	30.47 0.27 0.00	29.43 0.29 0.00	28.03 0.28 0.00	29.10 0.32 0.00	32.53 0.42 0.00	42.95 0.51 0.00	53.64 0.53 0.00	57.98 0.74 0.00	55.11 0.65 0.00	47.98 0.52 0.00	42.28 0.54 0.00	38.72 0.53 0.00

NM_CENTRAL___DRP 24181	40.72 -0.37 0.00	39.35 -0.20 0.00	37.68 -0.15 0.00	36.23 -0.11 0.00	36.66 -0.07 0.00	38.17 -0.19 0.00	42.28 -0.34 0.00	49.82 -0.30 0.00	47.56 -0.29 0.00	42.97 -0.17 0.00	36.37 -0.11 0.00	33.51 -0.20 0.00	30.05 -0.15 0.00	28.96 -0.17 0.00	27.56 -0.19 0.00	28.61 -0.17 0.00	31.89 -0.22 0.00	42.06 -0.38 0.00	52.74 -0.37 0.00	56.78 -0.46 0.00	54.07 -0.38 0.00	47.03 -0.43 0.00	41.36 -0.38 0.00	37.88 -0.31 0.00
NM_FRONTIER___DRP 24179	36.61 -4.48 0.00	36.70 -2.85 0.00	35.45 -2.38 0.00	34.49 -1.85 0.00	35.01 -1.73 0.00	35.64 -2.72 0.00	37.97 -4.65 0.00	44.06 -6.06 0.00	42.06 -5.79 0.00	38.44 -4.70 0.00	32.83 -3.65 0.00	29.80 -3.91 0.00	27.09 -3.11 0.00	26.07 -3.06 0.00	24.81 -2.94 0.00	25.88 -2.91 0.00	28.33 -3.79 0.00	36.80 -5.64 0.00	45.78 -7.33 0.00	48.94 -8.30 0.00	46.89 -7.57 0.00	40.23 -7.12 0.10	35.81 -5.93 0.00	33.53 -4.66 0.00
NM_ST_REGIS___HYD 24053	41.33 0.25 0.00	39.50 -0.04 0.00	37.72 -0.11 0.00	36.27 -0.07 0.00	36.59 -0.15 0.00	38.13 -0.23 0.00	42.41 -0.21 0.00	49.82 -0.30 0.00	47.47 -0.38 0.00	42.67 -0.47 0.00	36.12 -0.36 0.00	33.27 -0.44 0.00	29.69 -0.51 0.00	28.52 -0.61 0.00	27.20 -0.56 0.00	28.30 -0.49 0.00	31.70 -0.42 0.00	42.02 -0.42 0.00	52.74 -0.37 0.00	56.78 -0.46 0.00	54.02 -0.44 0.00	47.50 0.05 0.00	41.78 0.04 0.00	38.00 -0.19 0.00
NORTHPORT___1 23551	43.14 2.05 0.00	40.93 1.38 0.00	38.97 1.13 0.00	37.21 0.87 0.00	37.65 0.92 0.00	39.48 1.11 0.00	44.28 1.66 0.00	51.98 1.86 0.00	50.43 2.58 0.00	45.34 2.20 0.00	38.86 2.37 -0.01	35.94 2.22 -0.01	32.16 1.96 0.00	31.27 2.13 -0.01	29.87 2.11 -0.01	30.92 2.13 -0.01	34.34 2.21 -0.01	45.55 3.10 0.00	56.19 3.08 0.00	60.62 3.38 -0.01	57.50 3.05 0.00	50.25 2.80 0.00	44.36 2.63 0.00	40.56 2.37 -0.01
NORTHPORT___2 23552	43.14 2.05 0.00	40.93 1.38 0.00	38.97 1.13 0.00	37.21 0.87 0.00	37.65 0.92 0.00	39.48 1.11 0.00	44.28 1.66 0.00	51.98 1.86 0.00	50.43 2.58 0.00	45.34 2.20 0.00	38.86 2.37 -0.01	35.94 2.22 -0.01	32.16 1.96 0.00	31.27 2.13 -0.01	29.87 2.11 -0.01	30.92 2.13 -0.01	34.34 2.21 -0.01	45.55 3.10 0.00	56.19 3.08 0.00	60.62 3.38 -0.01	57.50 3.05 0.00	50.25 2.80 0.00	44.36 2.63 0.00	40.56 2.37 -0.01
NORTHPORT___3 23553	43.14 2.05 0.00	40.93 1.38 0.00	39.01 1.17 0.00	37.21 0.87 0.00	37.65 0.92 0.00	39.48 1.11 0.00	44.28 1.66 0.00	52.03 1.90 0.00	50.43 2.58 0.00	45.34 2.20 0.00	38.86 2.37 -0.01	35.94 2.22 -0.01	32.16 1.96 0.00	31.27 2.13 -0.01	29.87 2.11 -0.01	30.92 2.13 -0.01	34.34 2.21 -0.01	45.51 3.06 0.00	56.19 3.08 0.00	60.62 3.38 -0.01	57.50 3.05 0.00	50.25 2.80 0.00	44.36 2.63 0.00	40.56 2.37 -0.01
NORTHPORT___4 23650	43.14 2.05 0.00	40.93 1.38 0.00	39.01 1.17 0.00	37.21 0.87 0.00	37.65 0.92 0.00	39.48 1.11 0.00	44.28 1.66 0.00	52.03 1.90 0.00	50.43 2.58 0.00	45.34 2.20 0.00	38.86 2.37 -0.01	35.94 2.22 -0.01	32.16 1.96 0.00	31.27 2.13 -0.01	29.87 2.11 -0.01	30.92 2.13 -0.01	34.34 2.21 -0.01	45.51 3.06 0.00	56.19 3.08 0.00	60.62 3.38 -0.01	57.50 3.05 0.00	50.25 2.80 0.00	44.36 2.63 0.00	40.56 2.37 -0.01
NORTHPORT___IC 23718	43.02 1.93 0.00	40.85 1.30 0.00	38.85 1.02 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.32 0.96 0.00	44.15 1.53 0.00	52.03 1.90 0.00	50.24 2.39 0.00	45.21 2.07 0.00	38.86 2.37 -0.01	35.94 2.22 -0.01	32.17 1.96 0.00	31.33 2.19 -0.01	29.87 2.11 -0.01	30.95 2.16 -0.01	34.28 2.15 -0.01	45.51 3.06 0.00	55.98 2.87 0.00	60.62 3.38 -0.01	57.50 3.05 0.00	50.25 2.80 0.00	44.28 2.55 0.00	40.49 2.29 -0.01
NORTH___COUNTRY_ESR 323785	41.78 0.70 0.00	40.06 0.51 0.00	38.25 0.42 0.00	36.78 0.44 0.00	37.14 0.40 0.00	38.71 0.34 0.00	42.96 0.34 0.00	50.47 0.35 0.00	48.14 0.29 0.00	43.40 0.26 0.00	36.74 0.26 0.00	33.91 0.20 0.00	30.29 0.09 0.00	29.16 0.03 0.00	27.81 0.06 0.00	28.87 0.09 0.00	32.28 0.16 0.00	42.74 0.30 0.00	53.27 0.16 0.00	57.52 0.29 0.00	54.78 0.33 0.00	48.03 0.57 0.00	42.24 0.50 0.00	38.49 0.30 0.00
NPX_GEN_1385_PROXY 323591	43.14 2.05 0.00	40.93 1.38 0.00	38.97 1.13 0.00	37.21 0.87 0.00	37.65 0.92 0.00	39.48 1.11 0.00	44.28 1.66 0.00	51.98 1.86 0.00	50.43 2.58 0.00	45.34 2.20 0.00	38.86 2.37 -0.01	35.94 2.22 -0.01	32.16 1.96 0.00	31.27 2.13 -0.01	29.87 2.11 -0.01	30.92 2.13 -0.01	34.38 2.21 -0.05	45.50 3.10 0.04	56.19 3.08 0.00	60.62 3.38 -0.01	57.50 3.05 0.00	50.25 2.80 0.00	44.36 2.63 0.00	40.56 2.37 -0.01
NPX_GEN_CSC 323557	43.06 1.97 0.00	40.73 1.19 0.00	38.74 0.91 0.00	36.96 0.62 0.00	37.43 0.70 0.00	39.25 0.88 0.00	44.11 1.49 0.00	51.98 1.86 0.00	50.38 2.53 0.00	45.21 2.07 0.00	39.34 2.85 -0.01	36.31 2.60 -0.01	32.47 2.27 0.00	31.59 2.45 -0.01	30.35 2.58 -0.01	31.39 2.59 -0.01	34.90 2.73 -0.05	45.80 3.40 0.04	56.67 3.56 0.00	61.19 3.95 -0.01	57.99 3.54 0.00	50.54 3.08 0.00	44.49 2.75 0.00	40.71 2.52 -0.01
NSINS_S___GLNS_FALLS 23858	42.69 1.60 0.00	40.97 1.42 0.00	39.20 1.36 0.00	37.65 1.31 0.00	38.02 1.29 0.00	39.86 1.50 0.00	44.67 2.05 0.00	52.43 2.31 0.00	49.81 1.96 0.00	44.87 1.73 0.00	37.65 1.17 0.00	34.72 1.01 0.00	30.81 0.60 0.00	29.60 0.47 0.00	28.14 0.39 0.00	29.19 0.40 0.00	32.89 0.77 0.00	43.80 1.36 0.00	55.18 2.07 0.00	59.81 2.58 0.00	56.80 2.34 0.00	49.49 2.04 0.00	43.49 1.75 0.00	39.79 1.60 0.00
NUCOR_STEEL___DRP 24197	41.21 0.12 0.00	39.90 0.36 0.00	38.25 0.42 0.00	36.81 0.47 0.00	37.21 0.48 0.00	38.71 0.35 0.00	42.88 0.26 0.00	50.52 0.40 0.00	48.23 0.38 0.00	43.57 0.43 0.00	36.85 0.36 0.00	33.84 0.13 0.00	30.35 0.15 0.00	29.25 0.12 0.00	27.84 0.08 0.00	28.87 0.09 0.00	32.21 0.10 0.00	42.53 0.08 0.00	53.48 0.37 0.00	57.47 0.23 0.00	54.78 0.33 0.00	47.69 0.24 0.00	41.86 0.13 0.00	38.38 0.19 0.00
NUMBER_THREE_WT_PWR 323818	41.70 0.62 0.00	39.94 0.40 0.00	38.17 0.34 0.00	36.74 0.40 0.00	37.06 0.33 0.00	38.67 0.31 0.00	43.05 0.43 0.00	50.77 0.65 0.00	48.23 0.38 0.00	43.23 0.09 0.00	36.59 0.11 0.00	33.64 -0.07 0.00	29.96 -0.24 0.00	28.81 -0.32 0.00	27.42 -0.33 0.00	28.55 -0.23 0.00	32.02 -0.10 0.00	42.61 0.17 0.00	53.85 0.74 0.00	58.27 1.03 0.00	55.32 0.87 0.00	48.31 0.86 0.00	42.40 0.67 0.00	38.61 0.42 0.00
NYISO_LBMP_REFERENCE 24008	41.09 0.00 0.00	39.54 0.00 0.00	37.83 0.00 0.00	36.34 0.00 0.00	36.73 0.00 0.00	38.36 0.00 0.00	42.62 0.00 0.00	50.12 0.00 0.00	47.85 0.00 0.00	43.14 0.00 0.00	36.48 0.00 0.00	33.71 0.00 0.00	30.20 0.00 0.00	29.13 0.00 0.00	27.76 0.00 0.00	28.78 0.00 0.00	32.11 0.00 0.00	42.44 0.00 0.00	53.11 0.00 0.00	57.24 0.00 0.00	54.45 0.00 0.00	47.45 0.00 0.00	41.73 0.00 0.00	38.19 0.00 0.00

NYPA_BRENTWD____GT 24164	43.59 2.51 0.00	41.33 1.78 0.00	39.35 1.51 0.00	37.54 1.20 0.00	37.98 1.25 0.00	39.82 1.46 0.00	44.67 2.05 0.00	52.53 2.41 0.00	50.96 3.11 0.00	45.78 2.63 0.00	39.30 2.81 -0.01	36.31 2.60 -0.01	32.47 2.27 0.00	31.59 2.45 -0.01	30.21 2.44 -0.01	31.27 2.48 -0.01	34.72 2.60 -0.01	46.06 3.61 0.00	56.94 3.83 0.00	61.48 4.24 -0.01	58.32 3.87 0.00	50.87 3.42 0.00	44.87 3.13 0.00	41.02 2.83 -0.01
NYPA_GOWANUS____GT5 24156	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NYPA_GOWANUS____GT6 24157	42.81 1.73 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.20 1.58 0.00	51.72 1.60 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.50 2.39 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.78 2.04 0.00	40.13 1.95 0.00
NYPA_HARLEM__RVR__GT1 24160	42.65 1.56 0.00	40.69 1.15 0.00	38.82 0.98 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.20 0.84 0.01	43.93 1.32 0.01	51.57 1.45 0.01	49.76 1.92 0.01	44.99 1.85 0.01	38.08 1.60 0.01	35.25 1.55 0.01	31.64 1.45 0.01	30.76 1.63 0.01	29.36 1.61 0.01	30.36 1.58 0.01	33.68 1.57 0.01	44.77 2.33 0.01	55.28 2.18 0.01	59.40 2.17 0.01	56.57 2.12 0.01	49.49 2.04 0.01	43.48 1.75 0.01	39.74 1.57 0.01
NYPA_HARLEM__RVR__GT2 24161	42.65 1.56 0.00	40.69 1.15 0.00	38.82 0.98 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.20 0.84 0.01	43.93 1.32 0.01	51.57 1.45 0.01	49.76 1.92 0.01	44.99 1.85 0.01	38.08 1.60 0.01	35.25 1.55 0.01	31.64 1.45 0.01	30.76 1.63 0.01	29.36 1.61 0.01	30.36 1.58 0.01	33.68 1.57 0.01	44.77 2.33 0.01	55.28 2.18 0.01	59.40 2.17 0.01	56.57 2.12 0.01	49.49 2.04 0.01	43.48 1.75 0.01	39.74 1.57 0.01
NYPA_KENT____GT 24152	42.81 1.73 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.14 0.80 0.00	37.58 0.85 0.00	39.44 1.07 0.00	44.20 1.58 0.00	51.83 1.71 0.00	49.95 2.10 0.00	45.26 2.11 0.00	38.27 1.79 0.00	35.39 1.68 0.00	31.77 1.57 0.00	30.88 1.75 0.00	29.48 1.72 0.00	30.51 1.73 0.00	33.82 1.70 0.00	45.03 2.59 0.00	55.50 2.39 0.00	59.64 2.40 0.00	56.74 2.29 0.00	49.78 2.32 0.00	43.74 2.00 0.00	40.06 1.87 0.00
NYPA_POUCH1____GT 24155	42.77 1.69 0.00	40.81 1.27 0.00	38.89 1.06 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.15 1.53 0.00	51.58 1.45 0.00	49.81 1.96 0.00	45.21 2.07 0.00	38.27 1.79 0.00	35.39 1.68 0.00	31.77 1.57 0.00	30.88 1.75 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.85 1.73 0.00	45.12 2.68 0.00	55.13 2.18 0.16	54.85 2.00 4.39	54.91 1.90 1.45	49.78 2.32 0.00	43.78 2.04 0.00	40.21 2.02 0.00
NYPA_VERNON____GT2 24162	42.81 1.73 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.18 0.84 0.00	37.58 0.85 0.00	39.44 1.07 0.00	44.20 1.58 0.00	51.87 1.75 0.00	49.95 2.10 0.00	45.21 2.07 0.00	38.27 1.79 0.00	35.39 1.68 0.00	31.74 1.54 0.00	30.85 1.72 0.00	29.45 1.69 0.00	30.45 1.67 0.00	33.78 1.67 0.00	44.95 2.50 0.00	55.56 2.44 0.00	59.70 2.46 0.00	56.85 2.39 0.00	49.73 2.28 0.00	43.70 1.96 0.00	39.98 1.80 0.00
NYPA_VERNON____GT3 24163	42.81 1.73 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.18 0.84 0.00	37.58 0.85 0.00	39.44 1.07 0.00	44.20 1.58 0.00	51.87 1.75 0.00	49.95 2.10 0.00	45.21 2.07 0.00	38.27 1.79 0.00	35.39 1.68 0.00	31.74 1.54 0.00	30.85 1.72 0.00	29.45 1.69 0.00	30.45 1.67 0.00	33.78 1.67 0.00	44.95 2.50 0.00	55.56 2.44 0.00	59.70 2.46 0.00	56.85 2.39 0.00	49.73 2.28 0.00	43.70 1.96 0.00	39.98 1.80 0.00
NYPA__ASTORIA_CC1 323568	42.77 1.69 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.14 0.80 0.00	37.58 0.85 0.00	39.44 1.07 0.00	44.15 1.53 0.00	51.83 1.71 0.00	49.90 2.06 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.82 1.69 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.78 1.67 0.00	44.95 2.50 0.00	55.50 2.39 0.00	59.64 2.40 0.00	56.79 2.34 0.00	49.73 2.28 0.00	43.70 1.96 0.00	39.98 1.80 0.00
NYPA__ASTORIA_CC2 323569	42.77 1.69 0.00	40.85 1.30 0.00	38.97 1.13 0.00	37.14 0.80 0.00	37.58 0.85 0.00	39.44 1.07 0.00	44.15 1.53 0.00	51.83 1.71 0.00	49.90 2.06 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.82 1.69 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.78 1.67 0.00	44.95 2.50 0.00	55.50 2.39 0.00	59.64 2.40 0.00	56.79 2.34 0.00	49.73 2.28 0.00	43.70 1.96 0.00	39.98 1.80 0.00
NYPA__HOLTSVILL 23794	43.43 2.34 0.00	41.17 1.62 0.00	39.16 1.32 0.00	37.35 1.02 0.00	37.83 1.10 0.00	39.63 1.26 0.00	44.49 1.87 0.00	52.38 2.26 0.00	50.77 2.92 0.00	45.60 2.46 0.00	39.26 2.77 -0.01	36.31 2.60 -0.01	32.47 2.27 0.00	31.56 2.42 -0.01	30.21 2.44 -0.01	31.27 2.48 -0.01	34.76 2.63 -0.01	45.97 3.52 -0.01	56.88 3.77 0.00	61.42 4.18 -0.01	58.21 3.75 0.00	50.77 3.32 0.00	44.74 3.01 0.00	40.91 2.71 -0.01
NYPA__HELLGATE_GT1 24158	42.65 1.56 0.00	40.69 1.15 0.00	38.82 0.98 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.20 0.84 0.01	43.93 1.32 0.01	51.57 1.45 0.01	49.76 1.92 0.01	44.99 1.85 0.01	38.08 1.60 0.01	35.25 1.55 0.01	31.64 1.45 0.01	30.76 1.63 0.01	29.36 1.61 0.01	30.36 1.58 0.01	33.68 1.57 0.01	44.77 2.33 0.01	55.28 2.18 0.01	59.40 2.17 0.01	56.57 2.12 0.01	49.49 2.04 0.01	43.48 1.75 0.01	39.74 1.57 0.01
NYPA__HELLGATE_GT2 24159	42.65 1.56 0.00	40.69 1.15 0.00	38.82 0.98 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.20 0.84 0.01	43.93 1.32 0.01	51.57 1.45 0.01	49.76 1.92 0.01	44.99 1.85 0.01	38.08 1.60 0.01	35.25 1.55 0.01	31.64 1.45 0.01	30.76 1.63 0.01	29.36 1.61 0.01	30.36 1.58 0.01	33.68 1.57 0.01	44.77 2.33 0.01	55.28 2.18 0.01	59.40 2.17 0.01	56.57 2.12 0.01	49.49 2.04 0.01	43.48 1.75 0.01	39.74 1.57 0.01
NYS_BARGE__HYD 23848	36.65 -4.44 0.00	36.93 -2.61 0.00	35.45 -2.38 0.00	34.41 -1.93 0.00	34.93 -1.80 0.00	35.68 -2.69 0.00	38.36 -4.26 0.00	44.71 -5.41 0.00	42.68 -5.17 0.00	38.96 -4.18 0.00	33.27 -3.21 0.00	30.17 -3.54 0.00	27.39 -2.81 0.00	26.37 -2.77 0.00	25.06 -2.69 0.00	26.17 -2.62 0.00	28.71 -3.40 0.00	37.31 -5.14 0.00	46.52 -6.59 0.00	49.85 -7.38 0.00	47.70 -6.75 0.00	41.19 -6.12 0.14	36.18 -5.55 0.00	33.80 -4.39 0.00

OAK ORCHARD__HYD 24046	39.44 -1.64 0.00	38.75 -0.79 0.00	37.15 -0.68 0.00	35.90 -0.43 0.00	36.29 -0.44 0.00	37.60 -0.77 0.00	41.25 -1.37 0.00	48.42 -1.70 0.00	46.27 -1.58 0.00	42.02 -1.12 0.00	35.65 -0.84 0.00	32.56 -1.15 0.00	29.33 -0.88 0.00	28.23 -0.90 0.00	26.81 -0.94 0.00	27.89 -0.89 0.00	30.96 -1.15 0.00	40.62 -1.82 0.00	51.04 -2.07 0.00	54.78 -2.46 0.00	52.27 -2.18 0.00	45.31 -2.18 -0.03	39.77 -1.96 0.00	36.66 -1.53 0.00
OAKDALE__35_KV_LOAD 356122	40.80 -0.29 0.00	39.50 -0.04 0.00	37.87 0.04 0.00	36.41 0.07 0.00	36.84 0.11 0.00	38.32 -0.04 0.00	42.41 -0.21 0.00	49.72 -0.40 0.00	47.51 -0.33 0.00	42.93 -0.22 0.00	36.37 -0.11 0.00	33.44 -0.27 0.00	30.02 -0.18 0.00	28.93 -0.20 0.00	27.56 -0.19 0.00	28.70 -0.09 0.00	31.92 -0.19 0.00	42.15 -0.30 0.00	52.79 -0.32 0.00	56.84 -0.40 0.00	54.13 -0.33 0.00	47.06 -0.38 0.02	41.36 -0.38 0.00	37.92 -0.27 0.00
OCC_CHEM__DRP 24175	36.61 -4.48 0.00	36.70 -2.85 0.00	35.45 -2.38 0.00	34.49 -1.85 0.00	35.04 -1.69 0.00	35.68 -2.69 0.00	38.02 -4.60 0.00	44.16 -5.96 0.00	42.11 -5.74 0.00	38.48 -4.66 0.00	32.87 -3.61 0.00	29.87 -3.84 0.00	27.15 -3.05 0.00	26.10 -3.03 0.00	24.84 -2.91 0.00	25.91 -2.88 0.00	28.36 -3.76 0.00	36.84 -5.60 0.00	45.84 -7.28 0.00	49.05 -8.18 0.00	46.94 -7.51 0.00	40.28 -7.07 0.11	35.89 -5.84 0.00	33.57 -4.62 0.00
OH_GEN_PROXY 24063	36.73 -4.36 0.00	36.90 -2.65 0.00	35.45 -2.38 0.00	34.34 -2.00 0.00	34.86 -1.87 0.00	35.68 -2.69 0.00	38.40 -4.22 0.00	44.81 -5.31 0.00	42.73 -5.12 0.00	39.00 -4.14 0.00	33.35 -3.14 0.00	30.31 -3.40 0.00	27.51 -2.69 0.00	26.51 -2.62 0.00	25.20 -2.55 0.00	26.28 -2.50 0.00	28.88 -3.28 -0.05	37.39 -5.01 0.05	46.63 -6.48 0.00	49.91 -7.33 0.00	47.75 -6.70 0.00	41.00 -6.36 0.10	36.27 -5.47 0.00	33.95 -4.24 0.00
OLIN_CORP_DRP 24177	36.03 -5.05 0.00	36.18 -3.36 0.00	34.92 -2.91 0.00	34.01 -2.33 0.00	34.56 -2.17 0.00	35.14 -3.22 0.00	37.85 -4.77 0.00	43.96 -6.16 0.00	41.91 -5.93 0.00	38.31 -4.83 0.00	32.73 -3.76 0.00	29.70 -4.01 0.00	26.97 -3.23 0.00	25.96 -3.18 0.00	24.70 -3.05 0.00	25.76 -3.02 0.00	28.20 -3.92 0.00	36.67 -5.77 0.00	45.62 -7.49 0.00	48.88 -8.36 0.00	46.78 -7.68 0.00	40.55 -6.79 0.12	35.72 -6.01 0.00	33.30 -4.89 0.00
OLIN_CORP_DSASP 323712	36.61 -4.48 0.00	36.70 -2.85 0.00	35.45 -2.38 0.00	34.49 -1.85 0.00	35.04 -1.69 0.00	35.68 -2.69 0.00	38.02 -4.60 0.00	44.16 -5.96 0.00	42.11 -5.74 0.00	38.48 -4.66 0.00	32.87 -3.61 0.00	29.87 -3.84 0.00	27.15 -3.05 0.00	26.10 -3.03 0.00	24.84 -2.91 0.00	25.91 -2.88 0.00	28.36 -3.76 0.00	36.84 -5.60 0.00	45.84 -7.28 0.00	49.05 -8.18 0.00	46.94 -7.51 0.00	40.28 -7.07 0.11	35.89 -5.84 0.00	33.57 -4.62 0.00
ONEIDA_HERK_LFGE 323681	41.74 0.66 0.00	40.10 0.55 0.00	38.32 0.49 0.00	36.85 0.51 0.00	37.21 0.48 0.00	38.86 0.50 0.00	43.26 0.64 0.00	50.97 0.85 0.00	48.57 0.72 0.00	43.62 0.48 0.00	36.88 0.40 0.00	33.98 0.27 0.00	30.32 0.12 0.00	29.19 0.06 0.00	27.81 0.06 0.00	28.90 0.12 0.00	32.34 0.23 0.00	42.91 0.47 0.00	54.07 0.96 1.14	58.38 1.14 0.98	55.44 0.98 0.90	48.35 0.90 0.71	42.44 0.71 0.53	38.72 0.53 0.00
ONEIDA__115KV_TB4 55905	41.87 0.78 0.00	40.30 0.75 0.00	38.59 0.76 0.00	37.10 0.76 0.00	37.47 0.73 0.00	39.09 0.73 0.00	43.47 0.85 0.00	51.22 1.10 0.00	48.80 0.96 0.00	43.92 0.78 0.00	37.14 0.66 0.00	34.18 0.47 0.00	30.57 0.36 0.00	29.43 0.29 0.00	28.00 0.25 0.00	29.10 0.32 0.00	32.53 0.42 0.00	43.16 0.72 0.00	54.28 1.17 1.32	58.55 1.32 1.20	55.65 1.20 1.00	48.45 1.00 0.83	42.57 0.83 0.69	38.87 0.69 0.00
ONONDAGA_REF_OCCRA 23987	40.92 -0.16 0.00	39.50 -0.04 0.00	37.83 0.00 0.00	36.37 0.04 0.00	36.77 0.04 0.00	38.32 -0.04 0.00	42.49 -0.13 0.00	50.02 -0.10 0.00	47.75 -0.10 0.00	43.14 0.00 0.00	36.52 0.04 0.00	33.64 -0.07 0.00	30.17 -0.03 0.00	29.08 -0.06 0.00	27.67 -0.08 0.00	28.70 -0.09 0.00	31.99 -0.13 0.00	42.27 -0.17 0.00	53.01 -0.11 0.00	57.07 -0.17 0.00	54.35 -0.11 0.00	47.31 -0.14 0.00	41.53 -0.21 0.00	38.03 -0.15 0.00
ONONDAGA__COGEN 23986	41.00 -0.08 0.00	39.58 0.04 0.00	37.91 0.08 0.00	36.48 0.15 0.00	36.88 0.15 0.00	38.40 0.04 0.00	42.58 -0.04 0.00	50.17 0.05 0.00	47.90 0.05 0.00	43.27 0.13 0.00	36.59 0.11 0.00	33.71 0.00 0.00	30.23 0.03 0.00	29.13 0.00 0.00	27.73 -0.03 0.00	28.76 -0.03 0.00	32.05 -0.06 0.00	42.32 -0.13 0.00	53.11 0.00 0.00	57.12 -0.11 0.00	54.40 -0.05 0.00	47.36 -0.09 0.00	41.61 -0.13 0.00	38.11 -0.08 0.00
ONTARIO__LFGE 23819	40.72 -0.37 0.00	39.70 0.16 0.00	38.06 0.23 0.00	36.66 0.33 0.00	37.10 0.37 0.00	38.52 0.15 0.00	42.45 -0.17 0.00	49.92 -0.20 0.00	47.70 -0.14 0.00	43.14 0.00 0.00	36.52 0.04 0.00	33.41 -0.30 0.00	29.99 -0.21 0.00	28.87 -0.26 0.00	27.42 -0.33 0.00	28.50 -0.29 0.00	31.76 -0.35 0.00	41.94 -0.51 0.00	52.58 -0.53 0.00	56.26 -0.97 0.00	53.69 -0.76 0.00	46.84 -0.62 0.00	41.15 -0.58 0.00	37.84 -0.34 0.00
ORANGEVILLE_WT_PWR 323706	38.17 -2.92 0.00	38.04 -1.50 0.00	36.47 -1.36 0.00	35.28 -1.05 0.00	35.82 -0.92 0.00	36.75 -1.61 0.00	39.89 -2.73 0.00	46.66 -3.46 0.00	44.50 -3.35 0.00	40.47 -2.67 0.00	34.48 -2.01 0.00	31.35 -2.36 0.00	28.36 -1.84 0.00	27.30 -1.83 0.00	25.92 -1.83 0.00	27.03 -1.76 0.00	29.80 -2.31 0.00	38.92 -3.52 0.00	48.76 -4.35 0.00	52.26 -4.98 0.00	49.94 -4.52 0.00	43.01 -4.36 0.08	37.77 -3.97 0.00	34.98 -3.21 0.00
ORANGEVILLE__ESR 323794	38.17 -2.92 0.00	38.04 -1.50 0.00	36.47 -1.36 0.00	35.28 -1.05 0.00	35.82 -0.92 0.00	36.75 -1.61 0.00	39.89 -2.73 0.00	46.66 -3.46 0.00	44.50 -3.35 0.00	40.47 -2.67 0.00	34.48 -2.01 0.00	31.35 -2.36 0.00	28.36 -1.84 0.00	27.30 -1.83 0.00	25.92 -1.83 0.00	27.03 -1.76 0.00	29.80 -2.31 0.00	38.92 -3.52 0.00	48.76 -4.35 0.00	52.26 -4.98 0.00	49.94 -4.52 0.00	43.01 -4.36 0.08	37.77 -3.97 0.00	34.98 -3.21 0.00
OSWEGATCHIE__HYD 24044	41.00 -0.08 0.00	39.23 -0.32 0.00	37.45 -0.38 0.00	36.01 -0.33 0.00	36.33 -0.40 0.00	37.90 -0.46 0.00	42.19 -0.43 0.00	49.67 -0.45 0.00	47.22 -0.62 0.00	42.37 -0.78 0.00	35.86 -0.62 0.00	33.00 -0.71 0.00	29.39 -0.81 0.00	28.26 -0.87 0.00	26.92 -0.83 0.00	28.01 -0.78 0.00	31.41 -0.71 0.00	41.76 -0.68 0.00	52.53 -0.58 0.00	56.84 -0.40 0.00	54.02 -0.44 0.00	47.31 -0.14 0.00	41.61 -0.12 0.00	37.80 -0.38 0.00
OSWEGO__5 23606	40.22 -0.86 0.00	38.87 -0.67 0.00	37.19 -0.64 0.00	35.76 -0.58 0.00	36.14 -0.59 0.00	37.71 -0.65 0.00	41.77 -0.85 0.00	49.17 -0.95 0.00	46.94 -0.91 0.00	42.37 -0.78 0.00	35.86 -0.62 0.00	33.07 -0.64 0.00	29.66 -0.54 0.00	28.61 -0.52 0.00	27.26 -0.50 0.00	28.27 -0.52 0.00	31.50 -0.61 0.00	41.55 -0.89 0.00	52.10 -1.01 0.00	56.03 -1.20 0.00	53.37 -1.09 0.00	46.46 -1.00 0.00	40.82 -0.92 0.00	37.42 -0.76 0.00

OSWEGO___6 23613	40.22 -0.86 0.00	38.87 -0.67 0.00	37.19 -0.64 0.00	35.76 -0.58 0.00	36.14 -0.59 0.00	37.71 -0.65 0.00	41.77 -0.85 0.00	49.17 -0.95 0.00	46.94 -0.91 0.00	42.37 -0.78 0.00	35.86 -0.62 0.00	33.07 -0.64 0.00	29.66 -0.54 0.00	28.61 -0.52 0.00	27.26 -0.50 0.00	28.27 -0.52 0.00	31.50 -0.61 0.00	41.55 -0.89 0.00	52.10 -1.01 0.00	56.03 -1.20 0.00	53.37 -1.09 0.00	46.46 -1.00 0.00	40.82 -0.92 0.00	37.42 -0.76 0.00
OUTOKUMPU-AB___DRP 24206	37.14 -3.94 0.00	37.13 -2.41 0.00	35.83 -2.01 0.00	34.85 -1.49 0.00	35.41 -1.32 0.00	36.06 -2.30 0.00	38.78 -3.84 0.00	45.06 -5.06 0.00	43.02 -4.83 0.00	39.26 -3.88 0.00	33.53 -2.96 0.00	30.41 -3.30 0.00	27.61 -2.60 0.00	26.57 -2.56 0.00	25.28 -2.47 0.00	26.40 -2.39 0.00	28.87 -3.24 0.00	37.60 -4.84 0.00	46.84 -6.27 0.00	50.20 -7.04 0.00	48.03 -6.43 0.00	41.31 -6.03 0.11	36.60 -5.13 0.00	34.06 -4.12 0.00
OXBOW___BTM 323836	36.90 -4.19 0.00	37.17 -2.37 0.00	35.68 -2.15 0.00	34.60 -1.74 0.00	35.12 -1.62 0.00	35.87 -2.49 0.00	38.32 -4.30 0.00	44.61 -5.51 0.00	42.58 -5.26 0.00	38.87 -4.27 0.00	33.24 -3.25 0.00	30.17 -3.54 0.00	27.39 -2.81 0.00	26.39 -2.74 0.00	25.09 -2.66 0.00	26.19 -2.59 0.00	28.71 -3.40 0.00	37.26 -5.18 0.00	46.37 -6.75 0.00	49.68 -7.56 0.00	47.54 -6.92 0.00	40.75 -6.59 0.11	36.06 -5.68 0.00	33.83 -4.35 0.00
OXBOW___ 24026	36.90 -4.19 0.00	36.97 -2.57 0.00	35.68 -2.16 0.00	34.70 -1.64 0.00	35.26 -1.47 0.00	35.87 -2.49 0.00	38.44 -4.18 0.00	44.66 -5.46 0.00	42.58 -5.26 0.00	38.91 -4.23 0.00	33.24 -3.25 0.00	30.17 -3.54 0.00	27.39 -2.81 0.00	26.37 -2.77 0.00	25.09 -2.66 0.00	26.17 -2.62 0.00	28.65 -3.47 0.00	37.27 -5.18 0.00	46.37 -6.75 0.00	49.62 -7.61 0.00	47.54 -6.92 0.00	40.84 -6.50 0.11	36.27 -5.47 0.00	33.83 -4.35 0.00
OXY_CHEM_DSASP 323612	36.61 -4.48 0.00	36.70 -2.85 0.00	35.45 -2.38 0.00	34.49 -1.85 0.00	35.04 -1.69 0.00	35.68 -2.69 0.00	38.02 -4.60 0.00	44.16 -5.96 0.00	42.11 -5.74 0.00	38.48 -4.66 0.00	32.87 -3.61 0.00	29.87 -3.84 0.00	27.15 -3.05 0.00	26.10 -3.03 0.00	24.84 -2.91 0.00	25.91 -2.88 0.00	28.36 -3.76 0.00	36.84 -5.60 0.00	45.84 -7.28 0.00	49.05 -8.18 0.00	46.94 -7.51 0.00	40.28 -7.07 0.11	35.89 -5.84 0.00	33.57 -4.62 0.00
OZONE_PARK_ESR 323760	42.89 1.81 0.00	40.97 1.42 0.00	39.08 1.25 0.00	37.28 0.94 0.00	37.72 0.99 0.00	39.59 1.23 0.00	44.37 1.75 0.00	52.23 2.11 0.00	50.19 2.34 0.00	45.34 2.20 0.00	38.38 1.90 0.00	35.50 1.79 0.00	31.83 1.63 0.00	30.97 1.84 0.00	29.53 1.78 0.00	30.57 1.78 0.00	33.85 1.73 0.00	45.07 2.63 0.00	55.71 2.60 0.00	60.21 2.98 0.00	57.23 2.78 0.00	49.97 2.52 0.00	43.82 2.09 0.00	39.94 1.76 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.61 -4.48 0.00	36.70 -2.85 0.00	35.45 -2.38 0.00	34.49 -1.85 0.00	35.04 -1.69 0.00	35.68 -2.69 0.00	38.02 -4.60 0.00	44.16 -5.96 0.00	42.11 -5.74 0.00	38.48 -4.66 0.00	32.87 -3.61 0.00	29.87 -3.84 0.00	27.15 -3.05 0.00	26.10 -3.03 0.00	24.84 -2.91 0.00	25.91 -2.88 0.00	28.36 -3.76 0.00	36.84 -5.60 0.00	45.84 -7.28 0.00	49.05 -8.18 0.00	46.94 -7.51 0.00	40.28 -7.07 0.11	35.89 -5.84 0.00	33.57 -4.62 0.00
PACKARD___115KV_DUPONT_184 80571	36.61 -4.48 0.00	36.93 -2.61 0.00	35.45 -2.38 0.00	34.38 -1.96 0.00	34.93 -1.80 0.00	35.68 -2.69 0.00	37.89 -4.73 0.00	44.16 -5.97 0.00	42.10 -5.74 0.00	38.48 -4.66 0.00	32.87 -3.61 0.00	29.87 -3.84 0.00	27.15 -3.05 0.00	26.13 -3.00 0.00	24.87 -2.89 0.00	25.93 -2.85 0.00	28.42 -3.69 0.00	36.84 -5.60 0.00	45.84 -7.27 0.00	49.05 -8.19 0.00	46.94 -7.52 0.00	40.18 -7.17 0.11	35.68 -6.05 0.00	33.56 -4.62 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.69 1.60 0.00	40.77 1.23 0.00	38.85 1.02 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.21 0.84 0.00	43.94 1.32 0.00	51.58 1.45 0.00	49.67 1.82 0.00	44.96 1.81 0.00	38.05 1.57 0.00	35.23 1.52 0.00	31.59 1.39 0.00	30.71 1.57 0.00	29.31 1.55 0.00	30.31 1.53 0.00	33.56 1.45 0.00	44.74 2.29 0.00	55.08 1.97 0.00	59.41 2.17 0.00	56.52 2.07 0.00	49.49 2.04 0.00	43.44 1.71 0.00	39.60 1.41 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.14 2.05 0.00	41.21 1.66 0.00	39.31 1.48 0.00	37.43 1.09 0.00	37.87 1.14 0.00	39.71 1.34 0.00	44.45 1.83 0.00	52.18 2.05 0.00	50.19 2.34 0.00	45.39 2.24 0.00	38.42 1.93 0.00	35.53 1.82 0.00	31.86 1.66 0.00	30.97 1.84 0.00	29.56 1.80 0.00	30.57 1.78 0.00	33.85 1.73 0.00	45.16 2.72 0.00	55.66 2.55 0.00	59.98 2.75 0.00	57.12 2.67 0.00	49.97 2.52 0.00	43.86 2.13 0.00	40.02 1.83 0.00
PATROON___115KV_TB1 80586	41.62 0.53 0.00	39.94 0.40 0.00	38.21 0.38 0.00	36.67 0.33 0.00	37.03 0.29 0.00	38.82 0.46 0.00	43.26 0.64 0.00	50.82 0.70 0.00	48.47 0.62 0.00	43.62 0.47 0.00	36.81 0.33 0.00	34.18 0.47 0.00	30.50 0.30 0.00	29.43 0.29 0.00	28.03 0.28 0.00	29.10 0.32 0.00	32.56 0.45 0.00	43.04 0.59 0.00	53.75 0.64 0.00	58.15 0.92 0.00	55.22 0.76 0.00	48.07 0.62 0.00	42.36 0.63 0.00	38.80 0.61 0.00
PATRSNVILLE___SOLAR 323815	42.07 0.98 0.00	40.38 0.83 0.00	38.63 0.80 0.00	37.10 0.76 0.00	37.50 0.77 0.00	39.25 0.88 0.00	43.81 1.19 0.00	51.42 1.30 0.00	48.80 0.96 0.00	43.70 0.56 0.00	36.74 0.26 0.00	33.95 0.24 0.00	30.32 0.12 0.00	29.22 0.09 0.00	27.78 0.03 0.00	28.84 0.06 0.00	32.37 0.26 0.00	43.16 0.72 0.00	54.44 1.33 0.00	58.90 1.66 0.00	55.98 1.52 0.00	48.74 1.28 0.00	42.86 1.13 0.00	39.18 0.99 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.17 -2.92 0.00	38.00 -1.54 0.00	36.62 -1.21 0.00	35.58 -0.76 0.00	36.14 -0.59 0.00	36.87 -1.50 0.00	40.02 -2.60 0.00	46.61 -3.51 0.00	44.50 -3.35 0.00	40.55 -2.59 0.00	34.59 -1.90 0.00	31.42 -2.29 0.00	28.51 -1.69 0.00	27.44 -1.69 0.00	26.12 -1.64 0.00	27.26 -1.53 0.00	29.87 -2.25 0.00	38.96 -3.48 0.00	48.60 -4.51 0.00	52.09 -5.15 0.00	49.83 -4.63 0.00	42.90 -4.46 0.10	37.89 -3.84 0.00	35.13 -3.05 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.89 1.81 0.00	41.05 1.50 0.00	39.16 1.32 0.00	37.39 1.05 0.00	37.80 1.07 0.00	39.67 1.30 0.00	44.33 1.70 0.00	52.28 2.16 0.00	50.10 2.25 0.00	45.13 1.98 0.00	38.09 1.61 0.00	35.19 1.48 0.00	31.50 1.30 0.00	30.47 1.34 0.00	29.06 1.30 0.00	30.11 1.32 0.00	33.50 1.38 0.00	44.65 2.21 0.00	55.61 2.50 0.00	60.16 2.92 0.00	57.23 2.78 0.00	49.78 2.33 0.00	43.70 1.96 0.00	39.90 1.72 0.00
PEEKSKILL___ 23653	42.40 1.31 0.00	40.49 0.95 0.00	38.66 0.83 0.00	36.96 0.62 0.00	37.36 0.62 0.00	39.21 0.84 0.00	43.86 1.24 0.00	51.58 1.45 0.00	49.52 1.67 0.00	44.65 1.51 0.00	37.79 1.31 0.00	34.96 1.25 0.00	31.35 1.15 0.00	30.39 1.25 0.00	29.01 1.25 0.00	30.02 1.24 0.00	33.40 1.29 0.00	44.36 1.91 0.00	55.13 2.02 0.00	59.41 2.17 0.00	56.52 2.07 0.00	49.26 1.80 0.00	43.28 1.55 0.00	39.56 1.37 0.00

PGE MADISON___WINDPWR 24146	43.18 2.10 0.00	41.52 1.98 0.00	39.80 1.97 0.00	38.34 2.00 0.00	38.75 2.02 0.00	40.40 2.03 0.00	44.92 2.30 0.00	53.08 2.96 0.00	50.53 2.68 0.00	45.21 2.07 0.00	38.12 1.64 0.00	34.89 1.18 0.00	31.05 0.85 0.00	29.83 0.70 0.00	28.42 0.67 0.00	29.62 0.83 0.00	33.30 1.19 0.00	44.57 2.12 0.00	56.56 3.45 0.00	61.07 3.83 0.00	58.05 3.59 0.00	50.49 3.04 0.00	44.20 2.46 0.00	40.25 2.06 0.00
PIERCEFIELD___HYD 23852	41.00 -0.08 0.00	39.19 -0.36 0.00	37.38 -0.45 0.00	35.94 -0.40 0.00	36.25 -0.48 0.00	37.79 -0.58 0.00	42.07 -0.55 0.00	49.42 -0.70 0.00	47.03 -0.81 0.00	42.28 -0.86 0.00	35.79 -0.69 0.00	32.97 -0.74 0.00	29.42 -0.79 0.00	28.26 -0.87 0.00	26.95 -0.80 0.00	28.01 -0.78 0.00	31.41 -0.71 0.00	41.64 -0.81 0.00	52.26 -0.85 0.00	56.26 -0.97 0.00	53.53 -0.93 0.00	47.07 -0.38 0.00	41.44 -0.29 0.00	37.65 -0.53 0.00
PINELAWN_CC_1 323563	43.34 2.26 0.00	41.13 1.58 0.00	39.12 1.29 0.00	37.35 1.02 0.00	37.80 1.07 0.00	39.63 1.26 0.00	44.41 1.79 0.00	52.28 2.15 0.00	50.62 2.77 0.00	45.47 2.33 0.00	38.97 2.48 -0.01	36.04 2.32 -0.01	32.23 2.02 0.00	31.33 2.19 -0.01	29.93 2.17 -0.01	31.01 2.22 -0.01	34.44 2.31 -0.01	45.68 3.22 -0.01	56.62 3.50 0.00	61.08 3.84 -0.01	57.94 3.49 0.00	50.59 3.13 0.00	44.53 2.80 0.00	40.75 2.56 -0.01
PJM_GEN_HTP_PROXY 323702	42.69 1.60 0.00	40.73 1.19 0.00	38.89 1.06 0.00	37.14 0.80 0.00	37.54 0.81 0.00	39.44 1.07 0.00	44.15 1.53 0.00	51.92 1.80 0.00	49.90 2.06 0.00	45.09 1.94 0.00	38.16 1.68 0.00	35.29 1.58 0.00	31.65 1.45 0.00	30.73 1.60 0.00	29.34 1.58 0.00	30.37 1.58 0.00	33.73 1.57 -0.05	44.73 2.33 0.05	55.50 2.39 0.00	59.81 2.58 0.00	56.85 2.39 0.00	49.64 2.18 0.00	43.61 1.88 0.00	39.86 1.68 0.00
PJM_GEN_KEystone 24065	38.45 -1.07 1.57	33.96 -0.63 4.95	33.10 -0.61 4.13	32.96 -0.58 2.80	33.62 -0.51 2.60	34.80 -0.73 2.83	39.62 -1.02 1.98	48.77 -1.35 0.00	42.00 -1.15 4.70	39.20 -0.86 3.08	35.90 -0.59 0.00	33.00 -0.71 0.00	29.75 -0.45 0.00	28.75 -0.38 0.00	27.39 -0.36 0.00	28.44 -0.34 0.00	31.55 -0.61 -0.05	33.63 -0.97 7.84	41.80 -1.43 9.88	53.30 -1.66 2.28	46.20 -1.52 6.73	39.25 -1.52 6.68	37.71 -1.34 2.69	32.73 -0.99 4.46
PJM_GEN_NEPTUNE_PROXY 323594	42.85 1.77 0.00	40.73 1.19 0.00	38.78 0.95 0.00	37.03 0.69 0.00	37.47 0.73 0.00	39.28 0.92 0.00	44.02 1.40 0.00	51.77 1.65 0.00	50.10 2.25 0.00	45.04 1.90 0.00	38.50 2.01 -0.01	35.64 1.92 -0.01	31.92 1.72 0.00	31.01 1.87 -0.01	29.62 1.86 -0.01	30.66 1.87 -0.01	34.06 1.89 -0.05	45.08 2.68 0.04	55.92 2.81 0.00	60.28 3.03 -0.01	57.23 2.78 0.00	49.97 2.51 0.00	44.03 2.29 0.00	40.26 2.06 -0.01
PJM_GEN_VFT_PROXY 323633	42.48 1.40 0.01	40.53 0.99 0.01	38.70 0.87 0.01	36.91 0.58 0.01	37.35 0.62 0.01	39.20 0.84 0.01	43.89 1.28 0.01	51.62 1.50 0.01	49.66 1.82 0.01	44.86 1.73 0.01	37.94 1.46 0.01	35.12 1.42 0.01	31.49 1.30 0.01	30.61 1.49 0.01	29.19 1.44 0.01	30.22 1.44 0.01	33.56 1.41 -0.04	44.51 2.12 0.05	55.07 2.13 0.17	55.07 2.23 4.40	55.07 2.07 1.45	49.39 1.95 0.01	43.40 1.67 0.01	39.67 1.49 0.01
PLATSBURG_115KV_PMLD1 355749	42.32 1.23 0.00	40.57 1.03 0.00	38.74 0.91 0.00	37.25 0.91 0.00	37.61 0.88 0.00	39.17 0.81 0.00	43.47 0.85 0.00	51.07 0.95 0.00	48.71 0.86 0.00	43.92 0.78 0.00	37.18 0.69 0.00	34.32 0.61 0.00	30.66 0.45 0.00	29.48 0.35 0.00	28.12 0.36 0.00	29.22 0.43 0.00	32.66 0.55 0.00	43.21 0.76 0.00	54.12 1.01 0.00	58.21 0.97 0.00	55.43 0.98 0.00	48.59 1.14 0.00	42.74 1.00 0.00	38.95 0.76 0.00
PLEASANTVLY___LBMP 24000	42.15 1.07 0.00	40.37 0.83 0.00	38.51 0.68 0.00	36.81 0.47 0.00	37.21 0.48 0.00	39.09 0.73 0.00	43.69 1.07 0.00	51.42 1.30 0.00	49.28 1.44 0.00	44.44 1.29 0.00	37.58 1.09 0.00	34.79 1.08 0.00	31.17 0.97 0.00	30.21 1.08 0.00	28.81 1.05 0.00	29.85 1.07 0.00	33.17 1.06 0.00	44.10 1.66 0.00	54.76 1.65 0.00	59.13 1.89 0.00	56.25 1.80 0.00	48.97 1.52 0.00	43.03 1.29 0.00	39.29 1.11 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.40 1.31 0.00	40.57 1.03 0.00	38.70 0.87 0.00	36.99 0.65 0.00	37.39 0.66 0.00	39.25 0.88 0.00	43.90 1.28 0.00	51.68 1.55 0.00	49.57 1.72 0.00	44.70 1.55 0.00	37.83 1.35 0.00	34.99 1.28 0.00	31.38 1.18 0.00	30.42 1.28 0.00	29.00 1.25 0.00	30.05 1.27 0.00	33.34 1.22 0.00	44.35 1.91 0.00	55.08 1.97 0.00	59.53 2.29 0.00	56.58 2.12 0.00	49.30 1.85 0.00	43.28 1.54 0.00	39.48 1.30 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.40 1.31 0.00	40.57 1.03 0.00	38.70 0.87 0.00	36.99 0.65 0.00	37.39 0.66 0.00	39.25 0.88 0.00	43.90 1.28 0.00	51.68 1.55 0.00	49.57 1.72 0.00	44.70 1.55 0.00	37.83 1.35 0.00	34.99 1.28 0.00	31.38 1.18 0.00	30.42 1.28 0.00	29.00 1.25 0.00	30.05 1.27 0.00	33.34 1.22 0.00	44.35 1.91 0.00	55.08 1.97 0.00	59.53 2.29 0.00	56.58 2.12 0.00	49.30 1.85 0.00	43.28 1.54 0.00	39.48 1.30 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.52 1.44 0.00	40.73 1.19 0.00	38.89 1.06 0.00	37.14 0.80 0.00	37.58 0.84 0.00	39.44 1.07 0.00	44.07 1.45 0.00	51.78 1.65 0.00	49.57 1.72 0.00	44.61 1.47 0.00	37.69 1.20 0.00	34.86 1.15 0.00	31.20 1.00 0.00	30.21 1.08 0.00	28.81 1.05 0.00	29.85 1.07 0.00	33.27 1.16 0.00	44.31 1.87 0.00	55.18 2.07 0.00	59.64 2.40 0.00	56.69 2.23 0.00	49.35 1.90 0.00	43.32 1.59 0.00	39.60 1.41 0.00
POLETTI___ 23519	42.57 1.48 0.00	40.65 1.11 0.00	38.78 0.95 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.28 0.92 0.00	43.98 1.36 0.00	51.73 1.60 0.00	49.71 1.87 0.00	44.91 1.77 0.00	38.05 1.57 0.00	35.19 1.48 0.00	31.56 1.36 0.00	30.71 1.57 0.00	29.31 1.55 0.00	30.34 1.55 0.00	33.56 1.45 0.00	44.65 2.21 0.00	55.18 2.07 0.00	59.58 2.35 0.00	56.69 2.23 0.00	49.49 2.04 0.00	43.44 1.71 0.00	39.64 1.45 0.00
POMONA___ESR 323819	42.36 1.28 0.00	40.45 0.91 0.00	38.66 0.83 0.00	36.92 0.58 0.00	37.36 0.62 0.00	39.21 0.84 0.00	43.81 1.19 0.00	51.52 1.40 0.00	49.48 1.63 0.00	44.56 1.42 0.00	37.72 1.24 0.00	34.89 1.18 0.00	31.29 1.09 0.00	30.33 1.19 0.00	28.95 1.19 0.00	29.97 1.18 0.00	33.33 1.22 0.00	44.27 1.82 0.00	55.08 1.97 0.00	59.36 2.12 0.00	56.47 2.02 0.00	49.21 1.76 0.00	43.23 1.50 0.00	39.52 1.34 0.00
PORT_JEFF_3 23555	43.51 2.42 0.00	41.20 1.66 0.00	39.23 1.40 0.00	37.43 1.09 0.00	37.87 1.14 0.00	39.71 1.34 0.00	44.58 1.96 0.00	52.48 2.36 0.00	50.86 3.02 0.00	45.69 2.54 0.00	39.34 2.85 -0.01	36.35 2.63 -0.01	32.53 2.33 0.00	31.62 2.47 -0.01	30.26 2.50 -0.01	31.33 2.53 -0.01	34.82 2.70 -0.01	46.10 3.65 -0.01	57.04 3.93 0.00	61.54 4.29 -0.01	58.38 3.92 0.00	50.92 3.46 0.00	44.82 3.09 0.00	40.98 2.79 -0.01

PORT_JEFF_4 23616	43.51 2.42 0.00	41.20 1.66 0.00	39.23 1.40 0.00	37.43 1.09 0.00	37.87 1.14 0.00	39.71 1.34 0.00	44.58 1.96 0.00	52.48 2.36 0.00	50.86 3.02 0.00	45.69 2.54 0.00	39.34 2.85 -0.01	36.35 2.63 -0.01	32.53 2.33 0.00	31.62 2.47 -0.01	30.26 2.50 -0.01	31.33 2.53 -0.01	34.82 2.70 -0.01	46.10 3.65 0.00	57.04 3.93 0.00	61.54 4.29 -0.01	58.38 3.92 0.00	50.92 3.46 0.00	44.82 3.09 0.00	40.98 2.79 -0.01
PORT_JEFF_IC 23713	43.39 2.30 0.00	41.17 1.62 0.00	39.12 1.29 0.00	37.32 0.98 0.00	37.76 1.03 0.00	39.55 1.19 0.00	44.45 1.83 0.00	52.53 2.41 0.00	50.72 2.87 0.00	45.60 2.46 0.00	39.37 2.88 -0.01	36.42 2.70 -0.01	32.56 2.36 0.00	31.74 2.59 -0.01	30.32 2.55 -0.01	31.41 2.62 -0.01	34.79 2.67 -0.01	46.10 3.65 0.00	56.88 3.77 0.00	61.60 4.35 -0.01	58.43 3.98 0.00	50.97 3.51 0.00	44.78 3.05 0.00	40.91 2.71 -0.01
PPL_PILGRIM_ST_GT1 24216	43.59 2.51 0.00	41.33 1.78 0.00	39.35 1.51 0.00	37.54 1.20 0.00	37.98 1.25 0.00	39.82 1.46 0.00	44.67 2.05 0.00	52.53 2.41 0.00	50.96 3.11 0.00	45.78 2.63 0.00	39.30 2.81 -0.01	36.31 2.60 -0.01	32.47 2.27 0.00	31.59 2.45 -0.01	30.21 2.44 -0.01	31.27 2.48 -0.01	34.72 2.60 -0.01	46.06 3.61 0.00	56.94 3.83 0.00	61.48 4.24 -0.01	58.32 3.87 0.00	50.87 3.42 0.00	44.87 3.13 0.00	41.02 2.83 -0.01
PPL_PILGRIM_ST_GT2 24217	43.59 2.51 0.00	41.33 1.78 0.00	39.35 1.51 0.00	37.54 1.20 0.00	37.98 1.25 0.00	39.82 1.46 0.00	44.67 2.05 0.00	52.53 2.41 0.00	50.96 3.11 0.00	45.78 2.63 0.00	39.30 2.81 -0.01	36.31 2.60 -0.01	32.47 2.27 0.00	31.59 2.45 -0.01	30.21 2.44 -0.01	31.27 2.48 -0.01	34.72 2.60 -0.01	46.06 3.61 0.00	56.94 3.83 0.00	61.48 4.24 -0.01	58.32 3.87 0.00	50.87 3.42 0.00	44.87 3.13 0.00	41.02 2.83 -0.01
PPL_SHRM_GT3 24213	43.10 2.01 0.00	40.81 1.27 0.00	38.82 0.98 0.00	37.03 0.69 0.00	37.47 0.73 0.00	39.28 0.92 0.00	44.15 1.53 0.00	52.07 1.95 0.00	50.48 2.63 0.00	45.26 2.11 0.00	39.37 2.88 -0.01	36.35 2.63 -0.01	32.50 2.29 0.00	31.62 2.47 -0.01	30.37 2.61 -0.01	31.41 2.62 -0.01	34.89 2.76 -0.01	45.89 3.44 0.00	56.77 3.66 0.00	61.31 4.06 -0.01	58.10 3.65 0.00	50.63 3.18 0.00	44.53 2.80 0.00	40.79 2.60 -0.01
PPL_SHRM_GT4 24214	43.10 2.01 0.00	40.81 1.27 0.00	38.82 0.98 0.00	37.03 0.69 0.00	37.47 0.73 0.00	39.28 0.92 0.00	44.15 1.53 0.00	52.07 1.95 0.00	50.48 2.63 0.00	45.26 2.11 0.00	39.37 2.88 -0.01	36.35 2.63 -0.01	32.50 2.29 0.00	31.62 2.47 -0.01	30.37 2.61 -0.01	31.41 2.62 -0.01	34.89 2.76 -0.01	45.89 3.44 0.00	56.77 3.66 0.00	61.31 4.06 -0.01	58.10 3.65 0.00	50.63 3.18 0.00	44.53 2.80 0.00	40.79 2.60 -0.01
PROJECT___ORANGE 1 24174	40.76 -0.33 0.00	39.39 -0.16 0.00	37.72 -0.11 0.00	36.27 -0.07 0.00	36.70 -0.04 0.00	38.21 -0.15 0.00	42.32 -0.30 0.00	49.87 -0.25 0.00	47.61 -0.24 0.00	43.01 -0.13 0.00	36.41 -0.07 0.00	33.54 -0.17 0.00	30.08 -0.12 0.00	29.02 -0.12 0.00	27.62 -0.14 0.00	28.64 -0.14 0.00	31.92 -0.19 0.00	42.10 -0.34 0.00	52.85 -0.27 0.00	56.84 -0.40 0.00	54.13 -0.33 0.00	47.07 -0.38 0.00	41.40 -0.33 0.00	37.92 -0.27 0.00
PROJECT___ORANGE 2 24166	40.76 -0.33 0.00	39.39 -0.16 0.00	37.72 -0.11 0.00	36.27 -0.07 0.00	36.70 -0.04 0.00	38.21 -0.15 0.00	42.32 -0.30 0.00	49.87 -0.25 0.00	47.61 -0.24 0.00	43.01 -0.13 0.00	36.41 -0.07 0.00	33.54 -0.17 0.00	30.08 -0.12 0.00	29.02 -0.12 0.00	27.62 -0.14 0.00	28.64 -0.14 0.00	31.92 -0.19 0.00	42.10 -0.34 0.00	52.85 -0.27 0.00	56.84 -0.40 0.00	54.13 -0.33 0.00	47.07 -0.38 0.00	41.40 -0.33 0.00	37.92 -0.27 0.00
PUCKETT___SOLAR 323809	41.50 0.41 0.00	40.10 0.55 0.00	38.40 0.57 0.00	36.92 0.58 0.00	37.36 0.62 0.00	38.90 0.54 0.00	43.09 0.47 0.00	50.67 0.55 0.00	48.33 0.48 0.00	43.53 0.39 0.00	36.81 0.33 0.00	33.78 0.07 0.00	30.23 0.03 0.00	29.10 -0.03 0.00	27.73 -0.03 0.00	28.87 0.09 0.00	32.24 0.13 0.00	42.78 0.34 0.00	53.80 0.69 0.00	57.98 0.74 0.00	55.22 0.76 0.00	47.96 0.52 0.02	42.07 0.33 0.00	38.57 0.38 0.00
PYRITES___HYD 24023	41.87 0.78 0.00	40.02 0.47 0.00	38.17 0.34 0.00	36.74 0.40 0.00	37.03 0.29 0.00	38.59 0.23 0.00	42.96 0.34 0.00	50.42 0.30 0.00	47.90 0.05 0.00	42.97 -0.17 0.00	36.30 -0.18 0.00	33.41 -0.30 0.00	29.81 -0.39 0.00	28.64 -0.50 0.00	27.31 -0.44 0.00	28.41 -0.37 0.00	31.92 -0.19 0.00	42.40 -0.04 0.00	53.38 0.27 0.00	57.47 0.23 0.00	54.67 0.22 0.00	48.12 0.66 0.00	42.32 0.58 0.00	38.45 0.27 0.00
QUAKERRD_115KV_BK1 80622	39.07 -2.01 0.00	38.12 -1.42 0.00	36.62 -1.21 0.00	35.39 -0.94 0.00	35.78 -0.96 0.00	37.10 -1.27 0.00	40.83 -1.79 0.00	47.92 -2.21 0.00	45.79 -2.06 0.00	41.55 -1.60 0.00	35.24 -1.24 0.00	32.23 -1.48 0.00	28.99 -1.21 0.00	27.91 -1.22 0.00	26.53 -1.22 0.00	27.55 -1.24 0.00	30.61 -1.51 0.00	40.28 -2.16 0.00	50.56 -2.55 0.00	54.26 -2.98 0.00	51.79 -2.67 0.00	44.91 -2.56 -0.02	39.52 -2.21 0.00	36.32 -1.87 0.00
QUENSBRY_115KV_TB8 356137	42.73 1.64 0.00	40.93 1.38 0.00	39.16 1.32 0.00	37.65 1.31 0.00	38.02 1.29 0.00	39.86 1.50 0.00	44.67 2.05 0.00	52.43 2.31 0.00	49.81 1.96 0.00	44.87 1.73 0.00	37.65 1.17 0.00	34.72 1.01 0.00	30.81 0.60 0.00	29.57 0.44 0.00	28.12 0.36 0.00	29.16 0.37 0.00	32.85 0.74 0.00	43.80 1.36 0.00	55.18 2.07 0.00	59.87 2.63 0.00	56.85 2.40 0.00	49.49 2.04 0.00	43.49 1.75 0.00	39.79 1.60 0.00
RAMAPO___LBMP 323565	42.15 1.07 0.00	40.30 0.75 0.00	38.48 0.64 0.00	36.74 0.40 0.00	37.17 0.44 0.00	39.02 0.65 0.00	43.60 0.98 0.00	51.32 1.20 0.00	49.24 1.39 0.00	44.39 1.25 0.00	37.61 1.13 0.00	34.76 1.05 0.00	31.20 1.00 0.00	30.24 1.11 0.00	28.84 1.08 0.00	29.88 1.09 0.00	33.17 1.06 0.00	44.10 1.66 0.00	54.70 1.59 0.00	59.13 1.89 0.00	56.20 1.74 0.00	48.97 1.52 0.00	42.99 1.25 0.00	39.26 1.07 0.00
RANKINE___ 23646	37.59 -3.49 0.00	37.53 -2.02 0.00	36.17 -1.66 0.00	35.14 -1.20 0.00	35.70 -1.03 0.00	36.41 -1.96 0.00	39.42 -3.20 0.00	45.91 -4.21 0.00	43.83 -4.02 0.00	39.95 -3.19 0.00	34.11 -2.37 0.00	30.95 -2.76 0.00	28.09 -2.11 0.00	27.04 -2.10 0.00	25.73 -2.03 0.00	26.83 -1.96 0.00	29.42 -2.70 0.00	38.33 -4.12 0.00	47.75 -5.36 0.00	51.23 -6.01 0.00	48.95 -5.50 0.00	42.09 -5.27 0.10	37.27 -4.47 0.00	34.60 -3.59 0.00
RAVENSWOOD_GT2_1 24244	42.65 1.56 0.00	40.73 1.19 0.00	38.85 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.07 1.45 0.00	51.88 1.75 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.65 1.45 0.00	30.74 1.60 0.00	29.34 1.58 0.00	30.37 1.58 0.00	33.62 1.51 0.00	44.78 2.33 0.00	55.34 2.23 0.00	59.76 2.52 0.00	56.80 2.34 0.00	49.59 2.14 0.00	43.53 1.79 0.00	39.71 1.53 0.00

RAVENSWOOD_GT_9 24257	42.65 1.56 0.00	40.73 1.19 0.00	38.85 1.02 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.07 1.45 0.00	51.88 1.75 0.00	49.86 2.01 0.00	45.04 1.90 0.00	38.12 1.64 0.00	35.26 1.55 0.00	31.65 1.45 0.00	30.74 1.60 0.00	29.34 1.58 0.00	30.37 1.58 0.00	33.62 1.51 0.00	44.78 2.33 0.00	55.34 2.23 0.00	59.76 2.52 0.00	56.80 2.34 0.00	49.64 2.18 0.00	43.53 1.79 0.00	39.71 1.53 0.00
RAVENSWOOD___1 23533	42.77 1.69 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.14 0.80 0.00	37.58 0.85 0.00	39.44 1.07 0.00	44.20 1.58 0.00	51.83 1.71 0.00	49.95 2.10 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.82 1.69 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.78 1.67 0.00	44.95 2.50 0.00	55.50 2.39 0.00	59.70 2.46 0.00	56.79 2.34 0.00	49.73 2.28 0.00	43.70 1.96 0.00	39.98 1.80 0.00
RAVENSWOOD___2 23534	42.77 1.69 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.14 0.80 0.00	37.58 0.85 0.00	39.40 1.04 0.00	44.15 1.53 0.00	51.83 1.71 0.00	49.90 2.06 0.00	45.17 2.03 0.00	38.23 1.75 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.82 1.69 0.00	29.42 1.67 0.00	30.42 1.64 0.00	33.75 1.64 0.00	44.90 2.46 0.00	55.50 2.39 0.00	59.64 2.40 0.00	56.79 2.34 0.00	49.68 2.23 0.00	43.65 1.92 0.00	39.94 1.76 0.00
RAVENSWOOD___3 23535	42.69 1.60 0.00	40.73 1.19 0.00	38.89 1.06 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.11 1.49 0.00	51.87 1.75 0.00	49.90 2.06 0.00	45.04 1.90 0.00	38.13 1.64 0.00	35.29 1.58 0.00	31.65 1.45 0.00	30.73 1.60 0.00	29.34 1.58 0.00	30.37 1.58 0.00	33.69 1.57 0.00	44.78 2.33 0.00	55.50 2.39 0.00	59.75 2.52 0.00	56.79 2.34 0.00	49.64 2.18 0.00	43.61 1.88 0.00	39.86 1.68 0.00
RAVENSWOOD___4 23820	42.73 1.65 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.40 1.04 0.00	44.15 1.53 0.00	51.83 1.71 0.00	49.90 2.06 0.00	45.17 2.03 0.00	38.20 1.72 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.82 1.69 0.00	29.42 1.67 0.00	30.42 1.64 0.00	33.75 1.64 0.00	44.90 2.46 0.00	55.50 2.39 0.00	59.64 2.40 0.00	56.79 2.34 0.00	49.68 2.23 0.00	43.65 1.92 0.00	39.94 1.76 0.00
RCPI_TRUST___DRP 24196	42.69 1.60 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.44 1.07 0.00	44.15 1.53 0.00	51.98 1.85 0.00	49.95 2.11 0.00	45.08 1.94 0.00	38.20 1.71 0.00	35.33 1.62 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.36 1.61 0.00	30.40 1.61 0.00	33.66 1.54 0.00	44.82 2.38 0.00	55.45 2.34 0.00	59.87 2.63 0.00	56.91 2.45 0.00	49.68 2.23 0.00	43.61 1.88 0.00	39.75 1.57 0.00
RED___ROCHESTER 323720	39.73 -1.35 0.00	39.07 -0.47 0.00	37.42 -0.42 0.00	36.16 -0.18 0.00	36.55 -0.18 0.00	37.90 -0.46 0.00	41.56 -1.06 0.00	48.77 -1.35 0.00	46.65 -1.19 0.00	42.37 -0.78 0.00	35.97 -0.51 0.00	32.83 -0.88 0.00	29.57 -0.64 0.00	28.46 -0.67 0.00	27.03 -0.72 0.00	28.09 -0.69 0.00	31.22 -0.90 0.00	40.96 -1.49 0.00	51.46 -1.65 0.00	55.23 -2.00 0.00	52.71 -1.74 0.00	45.68 -1.80 -0.03	40.06 -1.67 0.00	36.93 -1.26 0.00
REGAN___SOLAR 323812	43.10 2.01 0.00	41.33 1.78 0.00	39.54 1.70 0.00	38.01 1.67 0.00	38.39 1.65 0.00	40.20 1.84 0.00	45.01 2.39 0.00	52.63 2.51 0.00	49.48 1.63 0.00	44.01 0.86 0.00	36.67 0.18 0.00	33.74 0.03 0.00	29.96 -0.24 0.00	28.79 -0.35 0.00	27.28 -0.47 0.00	28.35 -0.43 0.00	32.08 -0.03 0.00	43.50 1.06 0.00	55.71 2.60 0.00	60.56 3.32 0.00	57.50 3.05 0.00	50.06 2.61 0.00	43.90 2.17 0.00	40.17 1.98 0.00
RENSSELAER___COGEN 23796	41.41 0.33 0.00	39.74 0.20 0.00	38.02 0.19 0.00	36.52 0.18 0.00	36.88 0.15 0.00	38.63 0.27 0.00	43.05 0.43 0.00	50.62 0.50 0.00	48.23 0.38 0.00	43.40 0.26 0.00	36.63 0.15 0.00	34.01 0.30 0.00	30.39 0.18 0.00	29.34 0.21 0.00	27.95 0.20 0.00	29.01 0.23 0.00	32.47 0.35 0.00	42.87 0.42 0.00	53.59 0.48 0.00	57.87 0.63 0.00	54.94 0.49 0.00	47.88 0.43 0.00	42.19 0.46 0.00	38.57 0.38 0.00
REPUBLIC_115KV_BARTNBRK 55605	43.26 2.18 0.00	41.40 1.86 0.00	39.65 1.82 0.00	38.16 1.82 0.00	38.50 1.76 0.00	40.40 2.03 0.00	45.43 2.81 0.00	53.23 3.11 0.00	50.43 2.58 0.00	45.43 2.29 0.00	37.94 1.46 0.00	34.82 1.11 0.00	30.69 0.48 0.00	29.37 0.23 0.00	27.87 0.11 0.00	28.99 0.20 0.00	32.89 0.77 0.00	44.06 1.61 0.00	55.93 2.81 0.00	60.84 3.61 0.00	57.72 3.27 0.00	50.11 2.66 0.00	43.99 2.25 0.00	40.25 2.06 0.00
REVERE_CPPR_DRP 24186	42.15 1.07 0.00	40.53 0.99 0.00	38.78 0.95 0.00	37.32 0.98 0.00	37.69 0.96 0.00	39.32 0.96 0.00	43.73 1.11 0.00	51.58 1.45 0.00	49.09 1.24 0.00	44.14 0.99 0.00	37.29 0.80 0.00	34.35 0.64 0.00	30.66 0.45 0.00	29.48 0.35 0.00	28.09 0.33 0.00	29.19 0.40 0.00	32.66 0.55 0.00	43.38 0.93 0.00	54.70 1.59 0.00	59.01 1.77 0.00	56.03 1.58 0.00	48.83 1.38 0.00	42.86 1.13 0.00	39.10 0.92 0.00
REYNLDPA_13_KV_LD 356490	41.78 0.70 0.00	40.06 0.51 0.00	38.29 0.46 0.00	36.81 0.47 0.00	37.17 0.44 0.00	38.71 0.34 0.00	43.00 0.38 0.00	50.47 0.35 0.00	48.14 0.29 0.00	43.40 0.26 0.00	36.74 0.26 0.00	33.91 0.20 0.00	30.32 0.12 0.00	29.16 0.03 0.00	27.81 0.06 0.00	28.90 0.12 0.00	32.31 0.19 0.00	42.70 0.26 0.00	52.90 -0.21 0.00	56.84 -0.40 0.00	54.08 -0.38 0.00	47.93 0.47 0.00	42.19 0.46 0.00	38.49 0.30 0.00
REYNOLDS_115KV_TB3 80639	41.54 0.45 0.00	39.90 0.36 0.00	38.14 0.30 0.00	36.59 0.25 0.00	36.99 0.26 0.00	38.79 0.42 0.00	43.22 0.60 0.00	50.82 0.70 0.00	48.37 0.53 0.00	43.53 0.39 0.00	36.70 0.22 0.00	34.11 0.40 0.00	30.50 0.30 0.00	29.45 0.32 0.00	28.06 0.31 0.00	29.13 0.35 0.00	32.60 0.48 0.00	43.00 0.55 0.00	53.70 0.58 0.00	58.04 0.80 0.00	55.16 0.71 0.00	48.02 0.57 0.00	42.28 0.54 0.00	38.72 0.53 0.00
RIVERBAY___ 323610	43.14 2.05 0.00	41.21 1.66 0.00	39.31 1.48 0.00	37.43 1.09 0.00	37.87 1.14 0.00	39.71 1.34 0.00	44.45 1.83 0.00	52.18 2.05 0.00	50.19 2.34 0.00	45.39 2.24 0.00	38.42 1.93 0.00	35.53 1.82 0.00	31.86 1.66 0.00	30.97 1.84 0.00	29.56 1.80 0.00	30.57 1.78 0.00	33.85 1.73 0.00	45.16 2.72 0.00	55.66 2.55 0.00	59.98 2.75 0.00	57.12 2.67 0.00	49.97 2.52 0.00	43.86 2.13 0.00	40.02 1.83 0.00
RIVERSDE_115KV_TB3 55908	41.54 0.45 0.00	39.90 0.36 0.00	38.14 0.30 0.00	36.59 0.25 0.00	36.99 0.26 0.00	38.79 0.42 0.00	43.22 0.60 0.00	50.82 0.70 0.00	48.37 0.53 0.00	43.57 0.43 0.00	36.74 0.26 0.00	34.11 0.40 0.00	30.47 0.27 0.00	29.43 0.29 0.00	28.03 0.28 0.00	29.10 0.32 0.00	32.53 0.42 0.00	42.95 0.51 0.00	53.64 0.53 0.00	57.98 0.74 0.00	55.11 0.65 0.00	47.98 0.52 0.00	42.28 0.54 0.00	38.72 0.53 0.00

ROARING___BROOK_WT_PWR 323790	41.09 0.00 0.00	39.54 0.00 0.00	37.80 -0.04 0.00	36.30 -0.04 0.00	36.70 -0.04 0.00	38.32 -0.04 0.00	42.58 -0.04 0.00	50.07 -0.05 0.00	47.80 -0.05 0.00	43.10 -0.04 0.00	36.45 -0.04 0.00	33.64 -0.07 0.00	30.14 -0.06 0.00	29.05 -0.09 0.00	27.67 -0.08 0.00	28.73 -0.06 0.00	32.05 -0.06 0.00	42.36 -0.08 0.00	53.01 -0.11 0.00	57.12 -0.11 0.00	54.29 -0.16 0.00	47.36 -0.09 0.00	41.61 -0.12 0.00	38.00 -0.19 0.00
ROCHESRG_115KV_T4 355643	39.28 -1.81 0.00	38.48 -1.07 0.00	37.00 -0.83 0.00	35.79 -0.55 0.00	36.18 -0.55 0.00	37.44 -0.92 0.00	41.09 -1.53 0.00	48.17 -1.95 0.00	46.03 -1.82 0.00	41.81 -1.34 0.00	35.46 -1.02 0.00	32.43 -1.28 0.00	29.21 -1.00 0.00	28.08 -1.05 0.00	26.73 -1.03 0.00	27.78 -1.01 0.00	30.80 -1.32 0.00	40.45 -1.99 0.00	50.72 -2.39 0.00	54.49 -2.75 0.00	52.00 -2.45 0.00	45.06 -2.42 -0.03	39.65 -2.09 0.00	36.51 -1.68 0.00
ROCHESTER_9_IC 23652	39.57 -1.52 0.00	38.75 -0.79 0.00	37.27 -0.57 0.00	36.05 -0.29 0.00	36.47 -0.26 0.00	37.71 -0.65 0.00	41.43 -1.19 0.00	48.52 -1.60 0.00	46.41 -1.44 0.00	42.15 -0.99 0.00	35.75 -0.73 0.00	32.67 -1.05 0.00	29.42 -0.79 0.00	28.29 -0.84 0.00	26.89 -0.86 0.00	27.95 -0.83 0.00	31.02 -1.09 0.00	40.75 -1.70 0.00	51.20 -1.91 0.00	54.95 -2.29 0.00	52.44 -2.01 0.00	45.44 -2.04 -0.03	39.98 -1.75 0.00	36.77 -1.41 0.00
ROCKVIEW_13_KV_LD 356306	42.65 1.56 0.00	40.81 1.27 0.00	38.89 1.06 0.00	37.14 0.80 0.00	37.58 0.84 0.00	39.48 1.11 0.00	44.15 1.53 0.00	51.98 1.85 0.00	49.91 2.06 0.00	45.08 1.94 0.00	38.16 1.68 0.00	35.29 1.58 0.00	31.65 1.45 0.00	30.71 1.57 0.00	29.28 1.53 0.00	30.34 1.55 0.00	33.62 1.51 0.00	44.74 2.29 0.00	55.45 2.34 0.00	59.93 2.69 0.00	57.01 2.56 0.00	49.68 2.23 0.00	43.61 1.88 0.00	39.75 1.57 0.00
ROME____115KV_TB2 80656	42.15 1.07 0.00	40.53 0.99 0.00	38.78 0.95 0.00	37.32 0.98 0.00	37.69 0.96 0.00	39.32 0.96 0.00	43.73 1.11 0.00	51.58 1.45 0.00	49.09 1.24 0.00	44.14 0.99 0.00	37.29 0.80 0.00	34.35 0.64 0.00	30.66 0.45 0.00	29.48 0.35 0.00	28.09 0.33 0.00	29.19 0.40 0.00	32.66 0.55 0.00	43.38 0.93 0.00	54.70 1.59 0.00	59.01 1.77 0.00	56.03 1.58 0.00	48.83 1.38 0.00	42.86 1.13 0.00	39.10 0.92 0.00
ROSETON___1 23587	42.20 1.11 0.00	40.33 0.79 0.00	38.55 0.72 0.00	36.85 0.51 0.00	37.28 0.55 0.00	39.13 0.77 0.00	43.73 1.11 0.00	51.42 1.30 0.00	49.28 1.43 0.00	44.44 1.29 0.00	37.58 1.09 0.00	34.79 1.08 0.00	31.17 0.97 0.00	30.21 1.08 0.00	28.81 1.05 0.00	29.82 1.03 0.00	33.21 1.09 0.00	44.06 1.61 0.00	54.86 1.75 0.00	59.12 1.89 0.00	56.25 1.79 0.00	48.97 1.52 0.00	43.07 1.34 0.00	39.37 1.19 0.00
ROSETON___2 23588	42.20 1.11 0.00	40.33 0.79 0.00	38.55 0.72 0.00	36.85 0.51 0.00	37.28 0.55 0.00	39.13 0.77 0.00	43.73 1.11 0.00	51.42 1.30 0.00	49.28 1.43 0.00	44.44 1.29 0.00	37.58 1.09 0.00	34.79 1.08 0.00	31.17 0.97 0.00	30.21 1.08 0.00	28.81 1.05 0.00	29.82 1.03 0.00	33.21 1.09 0.00	44.06 1.61 0.00	54.86 1.75 0.00	59.12 1.89 0.00	56.25 1.79 0.00	48.97 1.52 0.00	43.07 1.34 0.00	39.37 1.19 0.00
ROTRDAM_115KV_TB3 80664	41.78 0.70 0.00	40.14 0.59 0.00	38.40 0.57 0.00	36.85 0.51 0.00	37.25 0.51 0.00	39.02 0.65 0.00	43.47 0.85 0.00	51.12 1.00 0.00	48.66 0.81 0.00	43.79 0.65 0.00	36.92 0.44 0.00	34.15 0.44 0.00	30.53 0.33 0.00	29.45 0.32 0.00	28.03 0.28 0.00	29.10 0.32 0.00	32.53 0.42 0.00	43.16 0.72 0.00	54.07 0.96 0.00	58.44 1.20 0.00	55.54 1.09 0.00	48.40 0.95 0.00	42.53 0.79 0.00	38.95 0.76 0.00
RUSSELL___1 23602	39.73 -1.36 0.00	38.95 -0.59 0.00	37.42 -0.42 0.00	36.23 -0.11 0.00	36.62 -0.11 0.00	37.90 -0.46 0.00	41.64 -0.98 0.00	48.77 -1.35 0.00	46.65 -1.20 0.00	42.41 -0.73 0.00	35.97 -0.51 0.00	32.83 -0.88 0.00	29.57 -0.63 0.00	28.43 -0.70 0.00	27.03 -0.72 0.00	28.09 -0.69 0.00	31.18 -0.93 0.00	40.96 -1.49 0.00	51.47 -1.65 0.00	55.23 -2.00 0.00	52.71 -1.74 0.00	45.73 -1.76 -0.03	40.19 -1.54 0.00	36.96 -1.22 0.00
RUSSELL___2 23532	39.73 -1.36 0.00	38.95 -0.59 0.00	37.42 -0.42 0.00	36.23 -0.11 0.00	36.62 -0.11 0.00	37.90 -0.46 0.00	41.64 -0.98 0.00	48.77 -1.35 0.00	46.65 -1.20 0.00	42.41 -0.73 0.00	35.97 -0.51 0.00	32.83 -0.88 0.00	29.57 -0.63 0.00	28.43 -0.70 0.00	27.03 -0.72 0.00	28.09 -0.69 0.00	31.18 -0.93 0.00	40.96 -1.49 0.00	51.47 -1.65 0.00	55.23 -2.00 0.00	52.71 -1.74 0.00	45.73 -1.76 -0.03	40.19 -1.54 0.00	36.96 -1.22 0.00
RUSSELL___3 23549	39.73 -1.36 0.00	38.95 -0.59 0.00	37.42 -0.42 0.00	36.23 -0.11 0.00	36.62 -0.11 0.00	37.90 -0.46 0.00	41.64 -0.98 0.00	48.77 -1.35 0.00	46.65 -1.20 0.00	42.41 -0.73 0.00	35.97 -0.51 0.00	32.83 -0.88 0.00	29.57 -0.63 0.00	28.43 -0.70 0.00	27.03 -0.72 0.00	28.09 -0.69 0.00	31.18 -0.93 0.00	40.96 -1.49 0.00	51.47 -1.65 0.00	55.23 -2.00 0.00	52.71 -1.74 0.00	45.73 -1.76 -0.03	40.19 -1.54 0.00	36.96 -1.22 0.00
RUSSELL___4 23556	39.73 -1.36 0.00	38.95 -0.59 0.00	37.42 -0.42 0.00	36.23 -0.11 0.00	36.62 -0.11 0.00	37.90 -0.46 0.00	41.64 -0.98 0.00	48.77 -1.35 0.00	46.65 -1.20 0.00	42.41 -0.73 0.00	35.97 -0.51 0.00	32.83 -0.88 0.00	29.57 -0.63 0.00	28.43 -0.70 0.00	27.03 -0.72 0.00	28.09 -0.69 0.00	31.18 -0.93 0.00	40.96 -1.49 0.00	51.47 -1.65 0.00	55.23 -2.00 0.00	52.71 -1.74 0.00	45.73 -1.76 -0.03	40.19 -1.54 0.00	36.96 -1.22 0.00
RUSSELL___STATION 23914	39.73 -1.36 0.00	38.95 -0.59 0.00	37.42 -0.42 0.00	36.23 -0.11 0.00	36.62 -0.11 0.00	37.90 -0.46 0.00	41.64 -0.98 0.00	48.77 -1.35 0.00	46.65 -1.20 0.00	42.41 -0.73 0.00	35.97 -0.51 0.00	32.83 -0.88 0.00	29.57 -0.63 0.00	28.43 -0.70 0.00	27.03 -0.72 0.00	28.09 -0.69 0.00	31.18 -0.93 0.00	40.96 -1.49 0.00	51.47 -1.65 0.00	55.23 -2.00 0.00	52.71 -1.74 0.00	45.73 -1.76 -0.03	40.19 -1.54 0.00	36.96 -1.22 0.00
S SALMON___HYD 24043	40.80 -0.29 0.00	39.19 -0.36 0.00	37.49 -0.34 0.00	36.09 -0.25 0.00	36.40 -0.33 0.00	38.02 -0.35 0.00	42.28 -0.34 0.00	49.87 -0.25 0.00	47.42 -0.43 0.00	42.58 -0.56 0.00	36.01 -0.48 0.00	33.07 -0.64 0.00	29.51 -0.69 0.00	28.41 -0.73 0.00	27.01 -0.75 0.00	28.09 -0.69 0.00	31.50 -0.61 0.00	41.89 -0.55 0.00	53.01 -0.11 0.00	57.24 0.00 0.00	54.40 -0.05 0.00	47.41 -0.05 0.00	41.57 -0.17 0.00	37.88 -0.31 0.00
S.PERRY__115KV_TB1 80734	40.80 -0.29 0.00	40.14 0.59 0.00	38.59 0.76 0.00	37.39 1.05 0.00	37.83 1.10 0.00	39.05 0.69 0.00	42.83 0.21 0.00	50.17 0.05 0.00	47.70 -0.14 0.00	43.19 0.04 0.00	36.48 0.00 0.00	33.17 -0.54 0.00	29.84 -0.36 0.00	28.64 -0.50 0.00	27.20 -0.56 0.00	28.32 -0.46 0.00	31.47 -0.64 0.00	41.55 -0.89 0.00	52.69 -0.42 0.00	56.72 -0.52 0.00	54.29 -0.16 0.00	46.96 -0.47 0.01	41.19 -0.54 0.00	37.84 -0.34 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.14 -3.94 0.00	37.09 -2.45 0.00	35.79 -2.04 0.00	34.81 -1.53 0.00	35.34 -1.40 0.00	36.02 -2.34 0.00	38.91 -3.71 0.00	45.26 -4.86 0.00	43.21 -4.64 0.00	39.43 -3.71 0.00	33.67 -2.81 0.00	30.58 -3.14 0.00	27.76 -2.45 0.00	26.72 -2.42 0.00	25.42 -2.33 0.00	26.51 -2.27 0.00	29.03 -3.08 0.00	37.82 -4.63 0.00	47.11 -6.00 0.00	50.48 -6.75 0.00	48.25 -6.21 0.00	41.47 -5.88 0.10	36.77 -4.97 0.00	34.21 -3.97 0.00
SAWYER__23_KV_LOAD 55526	37.14 -3.94 0.00	37.09 -2.45 0.00	35.79 -2.04 0.00	34.81 -1.53 0.00	35.34 -1.40 0.00	36.02 -2.34 0.00	38.91 -3.71 0.00	45.26 -4.86 0.00	43.21 -4.64 0.00	39.43 -3.71 0.00	33.67 -2.81 0.00	30.58 -3.14 0.00	27.76 -2.45 0.00	26.72 -2.42 0.00	25.42 -2.33 0.00	26.51 -2.27 0.00	29.03 -3.08 0.00	37.82 -4.63 0.00	47.11 -6.00 0.00	50.48 -6.75 0.00	48.25 -6.21 0.00	41.47 -5.88 0.10	36.77 -4.97 0.00	34.21 -3.97 0.00
SELKIRK__I 23801	41.83 0.74 0.00	40.17 0.63 0.00	38.44 0.60 0.00	36.92 0.58 0.00	37.28 0.55 0.00	39.05 0.69 0.00	43.52 0.90 0.00	51.07 0.95 0.00	48.61 0.76 0.00	43.70 0.56 0.00	36.81 0.33 0.00	34.08 0.37 0.00	30.44 0.24 0.00	29.37 0.23 0.00	27.98 0.22 0.00	29.01 0.23 0.00	32.50 0.39 0.00	43.16 0.72 0.00	54.07 0.96 0.00	58.44 1.20 0.00	55.54 1.09 0.00	48.35 0.90 0.00	42.57 0.83 0.00	38.95 0.76 0.00
SELKIRK__II 23799	41.50 0.41 0.00	39.82 0.28 0.00	38.10 0.27 0.00	36.56 0.22 0.00	36.95 0.22 0.00	38.71 0.34 0.00	43.13 0.51 0.00	50.67 0.55 0.00	48.33 0.48 0.00	43.49 0.34 0.00	36.70 0.22 0.00	34.05 0.34 0.00	30.47 0.27 0.00	29.40 0.26 0.00	28.03 0.28 0.00	29.07 0.29 0.00	32.50 0.39 0.00	42.95 0.51 0.00	53.70 0.59 0.00	57.98 0.74 0.00	55.11 0.66 0.00	47.98 0.52 0.00	42.28 0.54 0.00	38.65 0.46 0.00
SENECA OSWGO__HYD 24041	40.35 -0.74 0.00	38.95 -0.59 0.00	37.30 -0.53 0.00	35.87 -0.47 0.00	36.25 -0.48 0.00	37.79 -0.57 0.00	41.85 -0.77 0.00	49.32 -0.80 0.00	47.08 -0.77 0.00	42.54 -0.60 0.00	36.01 -0.48 0.00	33.17 -0.54 0.00	29.75 -0.45 0.00	28.67 -0.47 0.00	27.28 -0.47 0.00	28.30 -0.49 0.00	31.54 -0.58 0.00	41.64 -0.81 0.00	52.32 -0.80 0.00	56.26 -0.97 0.00	53.58 -0.87 0.00	46.60 -0.85 0.00	40.94 -0.79 0.00	37.54 -0.65 0.00
SENECA__115KV_TB3 355854	37.64 -3.45 0.00	37.73 -1.82 0.00	36.17 -1.66 0.00	35.07 -1.27 0.00	35.63 -1.10 0.00	36.45 -1.92 0.00	39.34 -3.28 0.00	45.91 -4.21 0.00	43.83 -4.02 0.00	39.95 -3.19 0.00	34.11 -2.37 0.00	30.98 -2.73 0.00	28.12 -2.08 0.00	27.09 -2.04 0.00	25.76 -2.00 0.00	26.88 -1.90 0.00	29.48 -2.63 0.00	38.37 -4.07 0.00	47.80 -5.31 0.00	51.28 -5.95 0.00	49.01 -5.44 0.00	42.09 -5.27 0.10	37.14 -4.59 0.00	34.60 -3.59 0.00
SENECA__ENERGY 23797	40.51 -0.58 0.00	39.35 -0.20 0.00	37.68 -0.15 0.00	36.30 -0.04 0.00	36.70 -0.04 0.00	38.17 -0.19 0.00	42.19 -0.43 0.00	49.67 -0.45 0.00	47.42 -0.43 0.00	42.89 -0.26 0.00	36.30 -0.18 0.00	33.31 -0.40 0.00	29.87 -0.33 0.00	28.79 -0.35 0.00	27.39 -0.36 0.00	28.44 -0.34 0.00	31.67 -0.45 0.00	41.81 -0.64 0.00	52.48 -0.63 0.00	56.32 -0.92 0.00	53.69 -0.76 0.00	46.79 -0.66 0.00	41.06 -0.67 0.00	37.73 -0.46 0.00
SHOEMAKER__GT 23640	42.11 1.03 0.00	40.26 0.71 0.00	38.48 0.64 0.00	36.78 0.44 0.00	37.21 0.48 0.00	39.01 0.65 0.00	43.52 0.90 0.00	51.07 0.95 0.00	48.95 1.10 0.00	44.09 0.95 0.00	37.32 0.84 0.00	34.52 0.81 0.00	30.90 0.70 0.00	29.95 0.81 0.00	28.56 0.81 0.00	29.59 0.80 0.00	32.98 0.87 0.00	43.80 1.36 0.00	54.60 1.49 0.00	58.90 1.66 0.00	55.98 1.52 0.00	48.74 1.28 0.00	42.86 1.13 0.00	39.18 0.99 0.00
SHOEMAKR_138KV_BK 111 55601	42.07 0.99 0.00	40.22 0.67 0.00	38.44 0.61 0.00	36.74 0.40 0.00	37.17 0.44 0.00	38.94 0.58 0.00	43.47 0.85 0.00	51.07 0.95 0.00	48.95 1.10 0.00	44.09 0.95 0.00	37.36 0.88 0.00	34.52 0.81 0.00	30.93 0.72 0.00	29.98 0.84 0.00	28.59 0.83 0.00	29.59 0.81 0.00	32.95 0.83 0.00	43.80 1.36 0.00	54.49 1.38 0.00	58.84 1.60 0.00	55.98 1.52 0.00	48.74 1.28 0.00	42.78 1.04 0.00	39.10 0.92 0.00
SHOREHAM_IC_1 23715	43.10 2.01 0.00	40.81 1.27 0.00	38.82 0.98 0.00	37.03 0.69 0.00	37.47 0.73 0.00	39.28 0.92 0.00	44.15 1.53 0.00	52.07 1.95 0.00	50.48 2.63 0.00	45.26 2.11 0.00	39.37 2.88 -0.01	36.35 2.63 -0.01	32.50 2.29 0.00	31.62 2.47 -0.01	30.37 2.61 -0.01	31.41 2.62 -0.01	34.89 2.76 -0.01	45.89 3.44 -0.01	56.77 3.66 -0.01	61.31 4.06 -0.01	58.10 3.65 0.00	50.63 3.18 0.00	44.53 2.80 0.00	40.79 2.60 -0.01
SHOREHAM_IC_2 23716	43.10 2.01 0.00	40.81 1.27 0.00	38.82 0.98 0.00	37.03 0.69 0.00	37.47 0.73 0.00	39.28 0.92 0.00	44.15 1.53 0.00	52.07 1.95 0.00	50.48 2.63 0.00	45.26 2.11 0.00	39.37 2.88 -0.01	36.35 2.63 -0.01	32.50 2.29 0.00	31.62 2.47 -0.01	30.37 2.61 -0.01	31.41 2.62 -0.01	34.89 2.76 -0.01	45.89 3.44 -0.01	56.77 3.66 0.00	61.31 4.06 -0.01	58.10 3.65 0.00	50.63 3.18 0.00	44.53 2.80 0.00	40.79 2.60 -0.01
SISSONVILLE__ 23735	41.00 -0.08 0.00	39.19 -0.36 0.00	37.38 -0.45 0.00	35.94 -0.40 0.00	36.25 -0.48 0.00	37.79 -0.58 0.00	42.07 -0.55 0.00	49.42 -0.70 0.00	47.03 -0.81 0.00	42.28 -0.86 0.00	35.79 -0.69 0.00	32.97 -0.74 0.00	29.42 -0.79 0.00	28.26 -0.87 0.00	26.95 -0.80 0.00	28.01 -0.78 0.00	31.41 -0.71 0.00	41.64 -0.81 0.00	52.26 -0.85 0.00	56.26 -0.97 0.00	53.53 -0.93 0.00	47.07 -0.38 0.00	41.44 -0.29 0.00	37.65 -0.53 0.00
SITHE_IND_GS1 24169	39.98 -1.11 0.00	38.59 -0.95 0.00	36.92 -0.91 0.00	35.50 -0.83 0.00	35.89 -0.84 0.00	37.44 -0.92 0.00	41.47 -1.15 0.00	48.82 -1.30 0.00	46.60 -1.24 0.00	42.07 -1.08 0.00	35.61 -0.88 0.00	32.87 -0.84 0.00	29.51 -0.69 0.00	28.43 -0.70 0.00	27.09 -0.67 0.00	28.09 -0.69 0.00	31.31 -0.80 0.00	41.26 -1.19 0.00	51.73 -1.38 0.00	55.69 -1.54 0.00	52.99 -1.47 0.00	46.13 -1.33 0.00	40.57 -1.17 0.00	37.16 -1.03 0.00
SITHE_IND_GS2 24170	39.98 -1.11 0.00	38.59 -0.95 0.00	36.92 -0.91 0.00	35.50 -0.83 0.00	35.89 -0.84 0.00	37.44 -0.92 0.00	41.47 -1.15 0.00	48.82 -1.30 0.00	46.60 -1.24 0.00	42.07 -1.08 0.00	35.61 -0.88 0.00	32.87 -0.84 0.00	29.51 -0.69 0.00	28.43 -0.70 0.00	27.09 -0.67 0.00	28.09 -0.69 0.00	31.31 -0.80 0.00	41.26 -1.19 0.00	51.73 -1.38 0.00	55.69 -1.54 0.00	52.99 -1.47 0.00	46.13 -1.33 0.00	40.57 -1.17 0.00	37.16 -1.03 0.00
SITHE_IND_GS3 24171	39.98 -1.11 0.00	38.59 -0.95 0.00	36.92 -0.91 0.00	35.50 -0.83 0.00	35.89 -0.84 0.00	37.44 -0.92 0.00	41.47 -1.15 0.00	48.82 -1.30 0.00	46.60 -1.24 0.00	42.07 -1.08 0.00	35.61 -0.88 0.00	32.87 -0.84 0.00	29.51 -0.69 0.00	28.43 -0.70 0.00	27.09 -0.67 0.00	28.09 -0.69 0.00	31.31 -0.80 0.00	41.26 -1.19 0.00	51.73 -1.38 0.00	55.69 -1.54 0.00	52.99 -1.47 0.00	46.13 -1.33 0.00	40.57 -1.17 0.00	37.16 -1.03 0.00

SITHE_IND_GS4 24172	39.98 -1.11 0.00	38.59 -0.95 0.00	36.92 -0.91 0.00	35.50 -0.83 0.00	35.89 -0.84 0.00	37.44 -0.92 0.00	41.47 -1.15 0.00	48.82 -1.30 0.00	46.60 -1.24 0.00	42.07 -1.08 0.00	35.61 -0.88 0.00	32.87 -0.84 0.00	29.51 -0.69 0.00	28.43 -0.70 0.00	27.09 -0.67 0.00	28.09 -0.69 0.00	31.31 -0.80 0.00	41.26 -1.19 0.00	51.73 -1.38 0.00	55.69 -1.54 0.00	52.99 -1.47 0.00	46.13 -1.33 0.00	40.57 -1.17 0.00	37.16 -1.03 0.00
SITHE__BATAVIA 24024	38.33 -2.75 0.00	38.32 -1.23 0.00	36.73 -1.10 0.00	35.69 -0.65 0.00	36.14 -0.59 0.00	37.13 -1.23 0.00	40.19 -2.43 0.00	46.97 -3.16 0.00	44.84 -3.01 0.00	40.81 -2.33 0.00	34.73 -1.75 0.00	31.45 -2.26 0.00	28.45 -1.75 0.00	27.36 -1.78 0.00	26.01 -1.75 0.00	27.15 -1.64 0.00	29.93 -2.18 0.00	39.09 -3.35 0.00	49.07 -4.04 0.00	52.66 -4.58 0.00	50.37 -4.08 0.00	43.56 -3.80 0.10	38.14 -3.59 0.00	35.44 -2.75 0.00
SITHE__INDEPEND 23800	39.98 -1.11 0.00	38.56 -0.99 0.00	36.93 -0.91 0.00	35.54 -0.80 0.00	35.92 -0.81 0.00	37.44 -0.92 0.00	41.51 -1.11 0.00	48.82 -1.30 0.00	46.60 -1.24 0.00	42.06 -1.08 0.00	35.61 -0.88 0.00	32.87 -0.84 0.00	29.51 -0.69 0.00	28.43 -0.70 0.00	27.09 -0.67 0.00	28.09 -0.69 0.00	31.31 -0.80 0.00	41.25 -1.19 0.00	51.68 -1.43 0.00	55.69 -1.55 0.00	52.98 -1.47 0.00	46.13 -1.33 0.00	40.57 -1.17 0.00	37.16 -1.03 0.00
SITHE__MASSENA 23902	41.91 0.82 0.00	40.14 0.59 0.00	38.32 0.49 0.00	36.85 0.51 0.00	37.17 0.44 0.00	38.75 0.38 0.00	43.05 0.43 0.00	50.52 0.40 0.00	48.14 0.29 0.00	43.36 0.22 0.00	36.70 0.22 0.00	33.88 0.17 0.00	30.26 0.06 0.00	29.10 -0.03 0.00	27.76 0.00 0.00	28.84 0.06 0.00	32.24 0.13 0.00	42.66 0.21 0.00	53.16 0.05 0.00	57.41 0.17 0.00	54.67 0.22 0.00	48.07 0.62 0.00	42.28 0.54 0.00	38.53 0.34 0.00
SITHE__OGDNSBRG 24021	42.11 1.03 0.00	40.26 0.71 0.00	38.44 0.61 0.00	36.96 0.62 0.00	37.28 0.55 0.00	38.86 0.50 0.00	43.22 0.60 0.00	50.72 0.60 0.00	48.18 0.33 0.00	43.23 0.09 0.00	36.52 0.04 0.00	33.64 -0.07 0.00	30.02 -0.18 0.00	28.84 -0.29 0.00	27.53 -0.22 0.00	28.64 -0.14 0.00	32.15 0.03 0.00	42.70 0.25 0.00	53.64 0.53 0.00	57.75 0.52 0.00	54.94 0.49 0.00	48.36 0.90 0.00	42.53 0.79 0.00	38.68 0.50 0.00
SITHE__STERLING 23777	41.87 0.78 0.00	40.29 0.75 0.00	38.59 0.76 0.00	37.10 0.76 0.00	37.47 0.73 0.00	39.09 0.73 0.00	43.47 0.85 0.00	51.22 1.10 0.00	48.80 0.96 0.00	43.92 0.78 0.00	37.14 0.66 0.00	34.18 0.47 0.00	30.57 0.36 0.00	29.43 0.29 0.00	28.00 0.25 0.00	29.10 0.32 0.00	32.53 0.42 0.00	43.16 0.72 0.00	54.33 1.22 0.00	58.55 1.32 0.00	55.65 1.20 0.00	48.45 1.00 0.00	42.52 0.79 0.00	38.87 0.69 0.00
SLEIGHT__34_KV_TB1 80719	40.06 -1.03 0.00	39.03 -0.51 0.00	37.45 -0.38 0.00	36.19 -0.15 0.00	36.59 -0.15 0.00	37.94 -0.42 0.00	41.85 -0.77 0.00	49.22 -0.90 0.00	47.03 -0.81 0.00	42.67 -0.47 0.00	36.12 -0.36 0.00	33.04 -0.67 0.00	29.69 -0.51 0.00	28.55 -0.58 0.00	27.14 -0.61 0.00	28.18 -0.60 0.00	31.38 -0.74 0.00	41.34 -1.10 0.00	52.00 -1.12 0.00	55.81 -1.43 0.00	53.26 -1.20 0.00	46.24 -1.23 -0.02	40.61 -1.13 0.00	37.31 -0.88 0.00
SMITHTWN_69_KV_BK 1 55830	43.47 2.38 0.00	41.21 1.66 0.00	39.16 1.32 0.00	37.36 1.02 0.00	37.83 1.10 0.00	39.59 1.23 0.00	44.50 1.88 0.00	52.58 2.46 0.00	50.77 2.92 0.00	45.65 2.50 -0.01	39.37 2.88 -0.01	36.42 2.70 0.00	32.56 2.36 0.00	31.74 2.59 -0.01	30.29 2.53 -0.01	31.41 2.62 -0.01	34.79 2.67 -0.01	46.14 3.69 -0.01	56.94 3.82 0.00	61.65 4.41 -0.01	58.48 4.03 0.00	51.01 3.56 0.00	44.82 3.09 0.00	40.94 2.75 -0.01
SOUTH CAIRO__GT 23612	43.02 1.93 0.00	41.32 1.78 0.00	39.54 1.70 0.00	37.86 1.53 0.00	38.31 1.58 0.00	40.09 1.73 0.00	44.67 2.05 0.00	52.18 2.05 0.00	49.62 1.77 0.00	44.31 1.16 0.00	37.07 0.58 0.00	34.25 0.54 0.00	30.47 0.27 0.00	29.37 0.23 0.00	27.98 0.22 0.00	29.07 0.29 0.00	32.82 0.71 0.00	43.97 1.53 0.00	55.45 2.34 0.00	60.04 2.80 0.00	56.96 2.50 0.00	49.49 2.04 0.00	43.53 1.79 0.00	39.94 1.76 0.00
SOUTH HAMPTN__IC 23720	43.34 2.26 0.00	41.01 1.46 0.00	39.01 1.17 0.00	37.21 0.87 0.00	37.69 0.95 0.00	39.55 1.19 0.00	44.58 1.96 0.00	52.63 2.51 0.00	51.05 3.21 0.00	45.78 2.63 0.00	39.78 3.28 -0.01	36.75 3.04 0.00	32.86 2.66 0.00	32.00 2.86 -0.01	30.70 2.94 -0.01	31.82 3.02 -0.01	35.40 3.28 -0.01	46.65 4.20 -0.01	57.73 4.62 0.00	62.28 5.04 -0.01	58.97 4.52 0.00	51.35 3.89 0.00	45.11 3.38 0.00	41.29 3.09 -0.01
SOUTHDOW_115KV_TB1 355954	38.58 -2.51 0.00	38.36 -1.19 0.00	36.89 -0.95 0.00	35.83 -0.51 0.00	36.44 -0.29 0.00	37.17 -1.19 0.00	40.53 -2.09 0.00	47.31 -2.81 0.00	45.22 -2.63 0.00	41.12 -2.03 0.00	35.10 -1.39 0.00	31.79 -1.92 0.00	28.84 -1.36 0.00	27.76 -1.37 0.00	26.42 -1.33 0.00	27.60 -1.18 0.00	30.22 -1.89 0.00	39.47 -2.97 0.00	49.29 -3.82 0.00	52.83 -4.41 0.00	50.48 -3.98 0.00	43.33 -4.03 0.09	38.10 -3.63 0.00	35.13 -3.05 0.00
SOUTHOLD_69_KV_BK 2 55809	43.22 2.14 0.00	40.89 1.34 0.00	38.85 1.02 0.00	37.07 0.73 0.00	37.58 0.84 0.00	39.44 1.07 0.00	44.54 1.92 0.00	52.83 2.71 0.00	51.05 3.21 0.00	45.86 2.72 0.00	39.96 3.47 -0.01	36.92 3.20 -0.01	33.01 2.81 0.00	32.29 3.15 -0.01	30.90 3.14 -0.01	32.13 3.34 -0.01	35.59 3.47 -0.01	47.04 4.58 -0.01	58.00 4.89 0.00	62.80 5.55 -0.01	59.36 4.90 0.00	51.68 4.22 0.00	45.32 3.59 0.00	41.40 3.21 -0.01
SOUTHOLD__IC 23719	43.34 2.26 0.00	40.97 1.42 0.00	38.97 1.13 0.00	37.18 0.84 0.00	37.69 0.95 0.00	39.59 1.23 0.00	44.67 2.05 0.00	52.83 2.70 0.00	51.30 3.45 0.00	45.95 2.80 0.00	39.96 3.47 -0.01	36.92 3.20 -0.01	33.01 2.81 0.00	32.14 3.00 -0.01	30.90 3.14 -0.01	32.02 3.22 -0.01	35.66 3.53 -0.01	47.04 4.59 -0.01	58.26 5.15 0.00	62.80 5.55 -0.01	59.36 4.90 0.00	51.68 4.22 0.00	45.41 3.67 0.00	41.52 3.32 -0.01
SOUTH_FORK_WT_PWR 323839	42.98 1.89 0.00	40.57 1.03 0.00	38.59 0.76 0.00	36.85 0.51 0.00	37.36 0.62 0.00	39.28 0.92 0.00	44.37 1.75 0.00	52.58 2.46 0.00	51.05 3.21 0.00	45.78 2.63 0.00	39.85 3.35 -0.01	36.82 3.10 -0.01	32.92 2.72 0.00	32.08 2.94 -0.01	30.87 3.11 -0.01	32.02 3.22 -0.01	35.69 3.56 -0.01	47.04 4.59 -0.01	58.21 5.10 0.00	62.69 5.44 -0.01	59.19 4.74 0.00	51.58 4.13 0.00	45.28 3.55 0.00	41.40 3.21 -0.01
SPIERFLS_115KV_TB 1 80737	42.61 1.52 0.00	40.85 1.30 0.00	39.08 1.25 0.00	37.57 1.24 0.00	37.94 1.21 0.00	39.78 1.42 0.00	44.54 1.92 0.00	52.33 2.21 0.00	49.71 1.87 0.00	44.78 1.64 0.00	37.58 1.09 0.00	34.65 0.94 0.00	30.78 0.57 0.00	29.57 0.44 0.00	28.12 0.36 0.00	29.13 0.35 0.00	32.82 0.71 0.00	43.72 1.27 0.00	55.02 1.91 0.00	59.64 2.40 0.00	56.69 2.23 0.00	49.35 1.90 0.00	43.40 1.67 0.00	39.71 1.53 0.00

ST LAWRENCE____ 23600	41.29 0.21 0.00	39.62 0.08 0.00	37.87 0.04 0.00	36.37 0.04 0.00	36.77 0.04 0.00	38.32 -0.04 0.00	42.58 -0.04 0.00	50.02 -0.10 0.00	47.70 -0.14 0.00	43.01 -0.13 0.00	36.41 -0.07 0.00	33.61 -0.10 0.00	30.05 -0.15 0.00	28.93 -0.20 0.00	27.59 -0.17 0.00	28.64 -0.14 0.00	32.02 -0.10 0.00	42.32 -0.13 0.00	52.79 -0.32 0.00	56.90 -0.34 0.00	54.13 -0.32 0.00	47.50 0.05 0.00	41.82 0.08 0.00	38.15 -0.04 0.00
STATE_CA_115KV_115_LB 55624	41.62 0.53 0.00	39.94 0.40 0.00	38.21 0.38 0.00	36.67 0.33 0.00	37.03 0.29 0.00	38.82 0.46 0.00	43.26 0.64 0.00	50.82 0.70 0.00	48.47 0.62 0.00	43.66 0.52 0.00	36.81 0.33 0.00	34.18 0.47 0.00	30.50 0.30 0.00	29.43 0.29 0.00	28.03 0.28 0.00	29.10 0.32 0.00	32.60 0.48 0.00	43.04 0.59 0.00	53.80 0.69 0.00	58.15 0.92 0.00	55.22 0.76 0.00	48.07 0.62 0.00	42.36 0.63 0.00	38.80 0.61 0.00
STATE_ST_34_KV_LOAD 55959	41.05 -0.04 0.00	39.70 0.16 0.00	38.06 0.23 0.00	36.63 0.29 0.00	37.03 0.29 0.00	38.52 0.15 0.00	42.71 0.09 0.00	50.32 0.20 0.00	48.09 0.24 0.00	43.45 0.30 0.00	36.74 0.26 0.00	33.74 0.03 0.00	30.26 0.06 0.00	29.16 0.03 0.00	27.76 0.00 0.00	28.81 0.03 0.00	32.15 0.03 0.00	42.49 0.04 0.00	53.38 0.27 0.00	57.35 0.11 0.00	54.67 0.22 0.00	47.55 0.09 0.00	41.73 0.00 0.00	38.22 0.04 0.00
STATION_5_MISC_HYD 23604	39.57 -1.52 0.00	38.87 -0.67 0.00	37.27 -0.57 0.00	36.01 -0.33 0.00	36.40 -0.33 0.00	37.71 -0.65 0.00	41.38 -1.24 0.00	48.52 -1.61 0.00	46.41 -1.43 0.00	42.15 -0.99 0.00	35.75 -0.73 0.00	32.66 -1.05 0.00	29.42 -0.79 0.00	28.32 -0.82 0.00	26.89 -0.86 0.00	27.98 -0.81 0.00	31.06 -1.06 0.00	40.74 -1.70 0.00	51.20 -1.91 0.00	54.95 -2.29 0.00	52.44 -2.01 0.00	45.45 -2.04 0.00	39.86 -1.88 0.00	36.77 -1.41 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.18 -0.90 0.00	39.19 -0.36 0.00	37.61 -0.23 0.00	36.34 0.00 0.00	36.73 0.00 0.00	38.09 -0.27 0.00	41.98 -0.64 0.00	49.32 -0.80 0.00	47.13 -0.72 0.00	42.75 -0.39 0.00	36.19 -0.29 0.00	33.14 -0.57 0.00	29.78 -0.42 0.00	28.64 -0.50 0.00	27.23 -0.53 0.00	28.27 -0.52 0.00	31.44 -0.67 0.00	41.42 -1.02 0.00	52.00 -1.12 0.00	55.81 -1.43 0.00	53.26 -1.20 0.00	46.29 -1.19 0.00	40.65 -1.09 0.00	37.35 -0.84 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.44 -1.64 0.00	38.60 -0.95 0.00	37.08 -0.76 0.00	35.87 -0.47 0.00	36.25 -0.48 0.00	37.52 -0.84 0.00	41.26 -1.36 0.00	48.37 -1.75 0.00	46.27 -1.58 0.00	42.02 -1.12 0.00	35.64 -0.84 0.00	32.56 -1.15 0.00	29.33 -0.88 0.00	28.20 -0.93 0.00	26.81 -0.94 0.00	27.86 -0.92 0.00	30.93 -1.19 0.00	40.66 -1.78 0.00	51.04 -2.07 0.00	54.78 -2.46 0.00	52.28 -2.18 0.00	45.35 -2.14 0.00	39.86 -1.88 0.00	36.66 -1.53 0.00
STA_56____34_KV_BUS2 355983	39.44 -1.64 0.00	38.60 -0.95 0.00	37.08 -0.76 0.00	35.87 -0.47 0.00	36.25 -0.48 0.00	37.52 -0.84 0.00	41.26 -1.36 0.00	48.37 -1.75 0.00	46.27 -1.58 0.00	42.02 -1.12 0.00	35.64 -0.84 0.00	32.56 -1.15 0.00	29.33 -0.88 0.00	28.20 -0.93 0.00	26.81 -0.94 0.00	27.86 -0.92 0.00	30.93 -1.19 0.00	40.66 -1.78 0.00	51.04 -2.07 0.00	54.78 -2.46 0.00	52.28 -2.18 0.00	45.35 -2.14 0.00	39.86 -1.88 0.00	36.66 -1.53 0.00
STA_67____115KV_BK2 355882	39.48 -1.60 0.00	38.67 -0.87 0.00	37.19 -0.64 0.00	35.98 -0.36 0.00	36.40 -0.33 0.00	37.63 -0.73 0.00	41.34 -1.28 0.00	48.42 -1.70 0.00	46.32 -1.53 0.00	42.06 -1.08 0.00	35.68 -0.80 0.00	32.60 -1.11 0.00	29.36 -0.85 0.00	28.23 -0.90 0.00	26.84 -0.92 0.00	27.89 -0.89 0.00	30.96 -1.16 0.00	40.66 -1.78 0.00	51.04 -2.07 0.00	54.83 -2.40 0.00	52.28 -2.18 0.00	45.35 -2.14 0.00	39.90 -1.84 0.00	36.70 -1.49 0.00
STA_7____115KV_9TRANS 80674	39.73 -1.36 0.00	38.95 -0.59 0.00	37.42 -0.42 0.00	36.23 -0.11 0.00	36.62 -0.11 0.00	37.90 -0.46 0.00	41.64 -0.98 0.00	48.77 -1.35 0.00	46.65 -1.20 0.00	42.41 -0.73 0.00	35.97 -0.51 0.00	32.83 -0.88 0.00	29.57 -0.63 0.00	28.43 -0.70 0.00	27.03 -0.72 0.00	28.09 -0.69 0.00	31.18 -0.93 0.00	40.96 -1.49 0.00	51.47 -1.65 0.00	55.23 -2.00 0.00	52.71 -1.74 0.00	45.73 -1.76 0.00	40.19 -1.54 0.00	36.96 -1.22 0.00
STA_82____115KV_TB1 80780	39.44 -1.64 0.00	38.63 -0.91 0.00	37.15 -0.68 0.00	35.94 -0.40 0.00	36.36 -0.37 0.00	37.60 -0.77 0.00	41.30 -1.32 0.00	48.42 -1.70 0.00	46.27 -1.58 0.00	42.02 -1.12 0.00	35.64 -0.84 0.00	32.56 -1.15 0.00	29.33 -0.88 0.00	28.20 -0.93 0.00	26.81 -0.94 0.00	27.86 -0.92 0.00	30.93 -1.19 0.00	40.62 -1.83 0.00	50.99 -2.12 0.00	54.78 -2.46 0.00	52.22 -2.23 0.00	45.30 -2.18 0.00	39.86 -1.88 0.00	36.66 -1.53 0.00
STEEL____WIND 323596	37.64 -3.45 0.00	37.73 -1.82 0.00	36.17 -1.66 0.00	35.07 -1.27 0.00	35.59 -1.14 0.00	36.41 -1.96 0.00	39.34 -3.28 0.00	45.91 -4.21 0.00	43.83 -4.02 0.00	39.91 -3.24 0.00	34.11 -2.37 0.00	30.95 -2.76 0.00	28.12 -2.08 0.00	27.07 -2.07 0.00	25.73 -2.02 0.00	26.88 -1.90 0.00	29.48 -2.63 0.00	38.33 -4.12 0.00	47.80 -5.31 0.00	51.23 -6.01 0.00	49.01 -5.44 0.00	42.09 -5.27 0.10	37.10 -4.63 0.00	34.60 -3.59 0.00
STEPHTWN_115KV_BK_2 55603	41.83 0.74 0.00	40.18 0.63 0.00	38.40 0.57 0.00	36.85 0.51 0.00	37.21 0.48 0.00	39.02 0.65 0.00	43.56 0.94 0.00	51.17 1.05 0.00	48.76 0.91 0.00	43.92 0.78 0.00	36.99 0.51 0.00	34.32 0.61 0.00	30.63 0.42 0.00	29.51 0.38 0.00	28.12 0.36 0.00	29.19 0.40 0.00	32.72 0.61 0.00	43.29 0.85 0.00	54.17 1.06 0.00	58.55 1.32 0.00	55.60 1.14 0.00	48.40 0.95 0.00	42.65 0.92 0.00	39.03 0.84 0.00
STEBEN_REC_LFGE 323667	39.98 -1.11 0.00	39.35 -0.20 0.00	37.87 0.04 0.00	36.63 0.29 0.00	37.10 0.37 0.00	38.17 -0.19 0.00	41.81 -0.81 0.00	49.17 -0.95 0.00	46.94 -0.91 0.00	42.63 -0.52 0.00	36.19 -0.29 0.00	32.97 -0.74 0.00	29.69 -0.51 0.00	28.52 -0.61 0.00	27.12 -0.64 0.00	28.18 -0.60 0.00	31.22 -0.90 0.00	41.13 -1.32 0.00	51.73 -1.38 0.00	55.41 -1.83 0.00	52.98 -1.47 0.00	45.85 -1.57 0.04	40.23 -1.50 0.00	37.00 -1.18 0.00
STILLWATER____SOLAR 323814	42.36 1.28 0.00	40.65 1.11 0.00	38.89 1.06 0.00	37.35 1.02 0.00	37.76 1.03 0.00	39.55 1.19 0.00	44.24 1.62 0.00	51.98 1.86 0.00	49.33 1.48 0.00	44.39 1.25 0.00	37.32 0.84 0.00	34.49 0.78 0.00	30.72 0.51 0.00	29.57 0.44 0.00	28.14 0.39 0.00	29.22 0.43 0.00	32.82 0.71 0.00	43.59 1.15 0.00	54.81 1.70 0.00	59.36 2.12 0.00	56.36 1.90 0.00	49.07 1.61 0.00	43.15 1.42 0.00	39.44 1.26 0.00
STONY____BROOK 24151	43.55 2.47 0.00	41.24 1.70 0.00	39.27 1.44 0.00	37.47 1.13 0.00	37.91 1.18 0.00	39.74 1.38 0.00	44.62 2.00 0.00	52.58 2.46 0.00	50.96 3.11 0.00	45.73 2.59 0.00	39.41 2.92 -0.01	36.42 2.70 -0.01	32.56 2.36 0.00	31.68 2.53 -0.01	30.32 2.55 -0.01	31.39 2.59 -0.01	34.89 2.76 -0.01	46.19 3.74 0.00	57.15 4.03 0.00	61.65 4.41 -0.01	58.48 4.03 0.00	50.97 3.51 0.00	44.87 3.13 0.00	41.02 2.83 -0.01

STURGEON_POOL_HYD 23609	42.44 1.36 0.00	40.61 1.07 0.00	38.78 0.95 0.00	37.03 0.69 0.00	37.47 0.73 0.00	39.28 0.92 0.00	43.90 1.28 0.00	51.52 1.40 0.00	49.38 1.53 0.00	44.44 1.29 0.00	37.50 1.02 0.00	34.72 1.01 0.00	31.08 0.88 0.00	30.12 0.99 0.00	28.73 0.97 0.00	29.76 0.98 0.00	33.14 1.03 0.00	44.18 1.74 0.00	54.97 1.86 0.00	59.41 2.17 0.00	56.47 2.01 0.00	49.16 1.71 0.00	43.15 1.42 0.00	39.45 1.26 0.00
ST_LAW_115_BK7_LBMP 345037	41.29 0.21 0.00	39.62 0.08 0.00	37.87 0.04 0.00	36.37 0.04 0.00	36.73 0.00 0.00	38.32 -0.04 0.00	42.54 -0.09 0.00	49.97 -0.15 0.00	47.70 -0.14 0.00	42.97 -0.17 0.00	36.37 -0.11 0.00	33.58 -0.13 0.00	30.02 -0.18 0.00	28.90 -0.23 0.00	27.56 -0.19 0.00	28.61 -0.17 0.00	31.99 -0.13 0.00	42.32 -0.13 0.00	52.74 -0.37 0.00	56.84 -0.40 0.00	54.08 -0.38 0.00	47.45 0.00 0.00	41.78 0.04 0.00	38.11 -0.08 0.00
ST_LAW_115_BK8_LBMP 345038	41.29 0.21 0.00	39.62 0.08 0.00	37.87 0.04 0.00	36.37 0.04 0.00	36.73 0.00 0.00	38.32 -0.04 0.00	42.54 -0.09 0.00	49.97 -0.15 0.00	47.70 -0.14 0.00	42.97 -0.17 0.00	36.37 -0.11 0.00	33.58 -0.13 0.00	30.02 -0.18 0.00	28.90 -0.23 0.00	27.56 -0.19 0.00	28.61 -0.17 0.00	31.99 -0.13 0.00	42.32 -0.13 0.00	52.74 -0.37 0.00	56.84 -0.40 0.00	54.08 -0.38 0.00	47.45 0.00 0.00	41.78 0.04 0.00	38.11 -0.08 0.00
ST_LAW_230_BK5_LBMP 345035	41.29 0.21 0.00	39.62 0.08 0.00	37.87 0.04 0.00	36.37 0.04 0.00	36.77 0.04 0.00	38.32 -0.04 0.00	42.58 -0.04 0.00	50.02 -0.10 0.00	47.70 -0.14 0.00	43.01 -0.13 0.00	36.41 -0.07 0.00	33.61 -0.10 0.00	30.05 -0.15 0.00	28.93 -0.20 0.00	27.59 -0.17 0.00	28.64 -0.14 0.00	32.02 -0.10 0.00	42.32 -0.13 0.00	52.79 -0.32 0.00	56.90 -0.34 0.00	54.13 -0.32 0.00	47.50 0.05 0.00	41.82 0.08 0.00	38.15 -0.04 0.00
ST_LAW_230_BK6_LBMP 345036	41.29 0.21 0.00	39.62 0.08 0.00	37.87 0.04 0.00	36.37 0.04 0.00	36.77 0.04 0.00	38.32 -0.04 0.00	42.58 -0.04 0.00	50.02 -0.10 0.00	47.70 -0.14 0.00	43.01 -0.13 0.00	36.41 -0.07 0.00	33.61 -0.10 0.00	30.05 -0.15 0.00	28.93 -0.20 0.00	27.59 -0.17 0.00	28.64 -0.14 0.00	32.02 -0.10 0.00	42.32 -0.13 0.00	52.79 -0.32 0.00	56.90 -0.34 0.00	54.13 -0.32 0.00	47.50 0.05 0.00	41.82 0.08 0.00	38.15 -0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.15 1.07 0.00	40.30 0.75 0.00	38.48 0.64 0.00	36.77 0.44 0.00	37.21 0.48 0.00	39.02 0.65 0.00	43.56 0.94 0.00	51.22 1.10 0.00	49.14 1.29 0.00	44.26 1.12 0.00	37.47 0.99 0.00	34.65 0.94 0.00	31.05 0.85 0.00	30.10 0.96 0.00	28.70 0.94 0.00	29.73 0.95 0.00	33.08 0.96 0.00	43.97 1.53 0.00	54.65 1.54 0.00	59.07 1.83 0.00	56.14 1.69 0.00	48.92 1.47 0.00	42.94 1.21 0.00	39.18 0.99 0.00
SWANROAD_115KV_TB1 355699	36.03 -5.05 0.00	36.18 -3.36 0.00	34.92 -2.91 0.00	34.05 -2.29 0.00	34.56 -2.17 0.00	35.14 -3.22 0.00	37.85 -4.77 0.00	43.96 -6.16 0.00	41.91 -5.93 0.00	38.31 -4.83 0.00	32.73 -3.76 0.00	29.70 -4.01 0.00	26.97 -3.23 0.00	25.93 -3.20 0.00	24.67 -3.08 0.00	25.76 -3.02 0.00	28.20 -3.92 0.00	36.67 -5.77 0.00	45.68 -7.44 0.00	48.94 -8.30 0.00	46.78 -7.68 0.00	40.64 -6.69 0.13	35.72 -6.01 0.00	33.30 -4.89 0.00
SYNERGY__BIOGAS 323694	38.33 -2.75 0.00	38.12 -1.42 0.00	36.74 -1.10 0.00	35.76 -0.58 0.00	36.22 -0.51 0.00	37.14 -1.23 0.00	40.32 -2.30 0.00	46.96 -3.16 0.00	44.83 -3.01 0.00	40.86 -2.29 0.00	34.73 -1.75 0.00	31.45 -2.26 0.00	28.45 -1.75 0.00	27.33 -1.81 0.00	26.01 -1.75 0.00	27.12 -1.67 0.00	29.90 -2.22 0.00	39.09 -3.35 0.00	49.08 -4.04 0.00	52.66 -4.58 0.00	50.37 -4.08 0.00	43.56 -3.80 0.10	38.31 -3.42 0.00	35.48 -2.71 0.00
SYRACUSE__ENERGY_ST1 323597	41.00 -0.08 0.00	39.58 0.04 0.00	37.91 0.08 0.00	36.48 0.15 0.00	36.88 0.15 0.00	38.40 0.04 0.00	42.58 -0.04 0.00	50.17 0.05 0.00	47.90 0.05 0.00	43.27 0.13 0.00	36.59 0.11 0.00	33.71 0.00 0.00	30.23 0.03 0.00	29.13 0.00 0.00	27.73 -0.03 0.00	28.76 -0.03 0.00	32.05 -0.06 0.00	42.32 -0.13 0.00	53.11 0.00 0.00	57.12 -0.11 0.00	54.40 -0.05 0.00	47.36 -0.09 0.00	41.61 -0.13 0.00	38.11 -0.08 0.00
SYRACUSE__ENERGY_ST2 323598	41.00 -0.08 0.00	39.58 0.04 0.00	37.91 0.08 0.00	36.48 0.15 0.00	36.88 0.15 0.00	38.40 0.04 0.00	42.58 -0.04 0.00	50.17 0.05 0.00	47.90 0.05 0.00	43.27 0.13 0.00	36.59 0.11 0.00	33.71 0.00 0.00	30.23 0.03 0.00	29.13 0.00 0.00	27.73 -0.03 0.00	28.76 -0.03 0.00	32.05 -0.06 0.00	42.32 -0.13 0.00	53.11 0.00 0.00	57.12 -0.11 0.00	54.40 -0.05 0.00	47.36 -0.09 0.00	41.61 -0.13 0.00	38.11 -0.08 0.00
SYRACUSE__POWER 24017	40.92 -0.16 0.00	39.50 -0.04 0.00	37.83 0.00 0.00	36.37 0.04 0.00	36.77 0.04 0.00	38.32 -0.04 0.00	42.45 -0.17 0.00	50.02 -0.10 0.00	47.75 -0.10 0.00	43.14 0.00 0.00	36.52 0.04 0.00	33.64 -0.07 0.00	30.17 -0.03 0.00	29.08 -0.06 0.00	27.67 -0.08 0.00	28.70 -0.09 0.00	31.99 -0.13 0.00	42.23 -0.21 0.00	53.01 -0.11 0.00	57.07 -0.17 0.00	54.35 -0.11 0.00	47.26 -0.19 0.00	41.53 -0.21 0.00	38.03 -0.15 0.00
TALLMAN__138KV_BK151 55660	42.28 1.19 0.00	40.41 0.87 0.00	38.55 0.72 0.00	36.85 0.51 0.00	37.25 0.51 0.00	39.09 0.73 0.00	43.73 1.11 0.00	51.42 1.30 0.00	49.38 1.53 0.00	44.52 1.38 0.00	37.69 1.20 0.00	34.86 1.15 0.00	31.26 1.06 0.00	30.30 1.17 0.00	28.92 1.17 0.00	29.94 1.15 0.00	33.24 1.12 0.00	44.23 1.78 0.00	54.86 1.75 0.00	59.30 2.06 0.00	56.36 1.91 0.00	49.11 1.66 0.00	43.11 1.38 0.00	39.37 1.18 0.00
TEALLAVE_115KV_TB7 355573	40.72 -0.37 0.00	39.35 -0.20 0.00	37.68 -0.15 0.00	36.23 -0.11 0.00	36.66 -0.07 0.00	38.17 -0.19 0.00	42.28 -0.34 0.00	49.82 -0.30 0.00	47.56 -0.29 0.00	42.97 -0.17 0.00	36.37 -0.11 0.00	33.51 -0.20 0.00	30.05 -0.15 0.00	28.96 -0.17 0.00	27.56 -0.19 0.00	28.61 -0.17 0.00	31.89 -0.22 0.00	42.06 -0.38 0.00	52.74 -0.37 0.00	56.78 -0.46 0.00	54.07 -0.38 0.00	47.03 -0.43 0.00	41.36 -0.38 0.00	37.88 -0.31 0.00
TELEGRAPH_34_KV_EAST 80808	37.39 -3.70 0.00	37.33 -2.21 0.00	36.02 -1.82 0.00	35.03 -1.31 0.00	35.56 -1.18 0.00	36.29 -2.07 0.00	39.30 -3.32 0.00	45.71 -4.41 0.00	43.64 -4.21 0.00	39.82 -3.32 0.00	33.93 -2.55 0.00	30.78 -2.93 0.00	27.88 -2.33 0.00	26.80 -2.33 0.00	25.48 -2.28 0.00	26.60 -2.19 0.00	29.22 -2.89 0.00	38.11 -4.33 0.00	47.64 -5.47 0.00	51.11 -6.12 0.00	48.85 -5.61 0.00	42.13 -5.08 0.25	37.23 -4.51 0.00	34.56 -3.63 0.00
TEMPLE__115KV_TB 2 55572	40.76 -0.33 0.00	39.39 -0.16 0.00	37.72 -0.11 0.00	36.27 -0.07 0.00	36.70 -0.04 0.00	38.21 -0.15 0.00	42.32 -0.30 0.00	49.87 -0.25 0.00	47.61 -0.24 0.00	43.01 -0.13 0.00	36.41 -0.07 0.00	33.54 -0.17 0.00	30.08 -0.12 0.00	29.02 -0.12 0.00	27.62 -0.14 0.00	28.64 -0.14 0.00	31.92 -0.19 0.00	42.10 -0.34 0.00	52.85 -0.27 0.00	56.84 -0.40 0.00	54.13 -0.33 0.00	47.07 -0.38 0.00	41.40 -0.33 0.00	37.92 -0.27 0.00

TIANA___69_KV_BK 1 55817	43.26 2.18 0.00	40.97 1.42 0.00	38.93 1.10 0.00	37.14 0.80 0.00	37.61 0.88 0.00	39.44 1.07 0.00	44.41 1.79 0.00	52.63 2.51 0.00	50.81 2.97 0.00	45.60 2.46 0.00	39.70 3.21 -0.01	36.69 2.97 -0.01	32.80 2.60 0.00	32.06 2.91 -0.01	30.65 2.89 -0.01	31.82 3.02 -0.01	35.21 3.08 -0.01	46.48 4.03 -0.01	57.36 4.25 0.00	62.11 4.87 -0.01	58.81 4.36 0.00	51.25 3.80 0.00	44.95 3.21 0.00	41.10 2.90 -0.01
TILDEN___115KV_TB1 80814	40.92 -0.16 0.00	39.50 -0.04 0.00	37.83 0.00 0.00	36.37 0.04 0.00	36.77 0.04 0.00	38.32 -0.04 0.00	42.45 -0.17 0.00	50.02 -0.10 0.00	47.75 -0.10 0.00	43.14 0.00 0.00	36.52 0.04 0.00	33.64 -0.07 0.00	30.17 -0.03 0.00	29.08 -0.06 0.00	27.67 -0.08 0.00	28.70 -0.09 0.00	31.99 -0.13 0.00	42.23 -0.21 0.00	53.01 -0.11 0.00	57.07 -0.17 0.00	54.35 -0.11 0.00	47.26 -0.19 0.00	41.53 -0.21 0.00	38.03 -0.15 0.00
TRIGEN___CC 323695	42.89 1.81 0.00	40.81 1.27 0.00	38.85 1.02 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.32 0.96 0.00	44.07 1.45 0.00	51.98 1.85 0.00	50.10 2.25 0.00	45.13 1.98 0.00	38.61 2.12 -0.02	35.75 2.02 -0.02	31.98 1.78 0.00	31.10 1.95 -0.02	29.69 1.92 -0.02	30.73 1.93 -0.02	34.02 1.89 -0.02	45.22 2.76 -0.02	55.87 2.76 0.00	60.46 3.21 -0.02	57.40 2.94 0.00	50.11 2.66 0.00	44.03 2.30 0.00	40.23 2.02 -0.02
TRINITY___115KV___4 BK 55933	41.50 0.41 0.00	39.86 0.32 0.00	38.10 0.26 0.00	36.59 0.25 0.00	36.95 0.22 0.00	38.75 0.38 0.00	43.17 0.55 0.00	50.72 0.60 0.00	48.37 0.53 0.00	43.53 0.39 0.00	36.70 0.22 0.00	34.08 0.37 0.00	30.47 0.27 0.00	29.40 0.26 0.00	28.00 0.25 0.00	29.07 0.29 0.00	32.50 0.39 0.00	42.91 0.47 0.00	53.59 0.48 0.00	57.92 0.69 0.00	55.00 0.54 0.00	47.88 0.43 0.00	42.23 0.50 0.00	38.64 0.46 0.00
UNION___PROCESSING_DRP 323587	39.44 -1.64 0.00	38.67 -0.87 0.00	37.15 -0.68 0.00	35.94 -0.40 0.00	36.36 -0.37 0.00	37.60 -0.77 0.00	41.30 -1.32 0.00	48.42 -1.70 0.00	46.27 -1.58 0.00	42.02 -1.12 0.00	35.64 -0.84 0.00	32.56 -1.15 0.00	29.33 -0.88 0.00	28.23 -0.90 0.00	26.81 -0.94 0.00	27.86 -0.92 0.00	30.93 -1.19 0.00	40.62 -1.83 0.00	50.99 -2.12 0.00	54.78 -2.46 0.00	52.28 -2.18 0.00	45.30 -2.18 -0.03	39.86 -1.88 0.00	36.70 -1.49 0.00
UPPER HUDSON___HYD 24058	42.61 1.52 0.00	40.81 1.27 0.00	39.08 1.25 0.00	37.57 1.24 0.00	37.94 1.21 0.00	39.78 1.42 0.00	44.54 1.92 0.00	52.32 2.20 0.00	49.71 1.86 0.00	44.74 1.60 0.00	37.58 1.09 0.00	34.65 0.94 0.00	30.78 0.57 0.00	29.57 0.44 0.00	28.11 0.36 0.00	29.13 0.35 0.00	32.82 0.71 0.00	43.72 1.27 0.00	55.08 1.97 0.00	59.64 2.40 0.00	56.69 2.23 0.00	49.40 1.95 0.00	43.40 1.67 0.00	39.67 1.49 0.00
UPPER RAQUET___HYD 24056	41.00 -0.08 0.00	39.15 -0.40 0.00	37.38 -0.45 0.00	35.94 -0.40 0.00	36.25 -0.48 0.00	37.79 -0.57 0.00	42.06 -0.56 0.00	49.42 -0.70 0.00	47.03 -0.81 0.00	42.28 -0.86 0.00	35.79 -0.69 0.00	32.97 -0.74 0.00	29.42 -0.79 0.00	28.26 -0.87 0.00	26.95 -0.81 0.00	28.01 -0.78 0.00	31.41 -0.71 0.00	41.64 -0.81 0.00	52.05 -1.06 0.00	56.26 -0.97 0.00	53.53 -0.93 0.00	47.12 -0.33 0.00	41.44 -0.29 0.00	37.65 -0.53 0.00
VALLEY44_115KV_TB2 355964	38.42 -2.67 0.00	38.08 -1.46 0.00	36.66 -1.17 0.00	35.58 -0.76 0.00	36.14 -0.59 0.00	36.94 -1.42 0.00	40.28 -2.34 0.00	46.96 -3.16 0.00	44.83 -3.01 0.00	40.77 -2.37 0.00	34.80 -1.68 0.00	31.62 -2.09 0.00	28.69 -1.51 0.00	27.62 -1.51 0.00	26.31 -1.44 0.00	27.40 -1.38 0.00	30.09 -2.02 0.00	39.26 -3.18 0.00	49.02 -4.09 0.00	52.60 -4.64 0.00	50.26 -4.19 0.00	43.29 -4.08 0.08	38.19 -3.55 0.00	35.36 -2.83 0.00
VALLEY___115KV_TB 1-4 80826	41.25 0.16 0.00	39.66 0.12 0.00	37.95 0.11 0.00	36.45 0.11 0.00	36.88 0.15 0.00	38.59 0.23 0.00	42.92 0.30 0.00	50.52 0.40 0.00	48.28 0.43 0.00	43.49 0.35 0.00	36.77 0.29 0.00	33.98 0.27 0.00	30.41 0.21 0.00	29.31 0.17 0.00	27.92 0.17 0.00	28.96 0.17 0.00	32.31 0.19 0.00	42.78 0.34 0.00	53.59 0.48 0.00	57.87 0.63 0.00	55.00 0.54 0.00	47.88 0.43 0.00	42.11 0.38 0.00	38.53 0.34 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.52 1.44 0.00	40.81 1.27 0.00	39.08 1.25 0.00	37.50 1.16 0.00	37.91 1.18 0.00	39.59 1.23 0.00	44.15 1.53 0.00	51.98 1.85 0.00	49.62 1.77 0.00	44.65 1.51 0.00	37.76 1.28 0.00	34.86 1.15 0.00	31.11 0.91 0.00	30.01 0.87 0.00	28.56 0.80 0.00	29.62 0.83 0.00	33.08 0.96 0.00	43.97 1.53 0.00	55.24 2.12 0.00	59.64 2.40 0.00	56.63 2.18 0.00	49.35 1.90 0.00	43.28 1.54 0.00	39.52 1.34 0.00
VISCHER___FERRY HYD 24020	41.78 0.70 0.00	40.10 0.55 0.00	38.36 0.53 0.00	36.85 0.51 0.00	37.25 0.51 0.00	39.01 0.65 0.00	43.64 1.02 0.00	51.28 1.15 0.00	48.71 0.86 0.00	43.83 0.69 0.00	36.92 0.44 0.00	34.25 0.54 0.00	30.59 0.39 0.00	29.48 0.35 0.00	28.09 0.33 0.00	29.19 0.40 0.00	32.69 0.58 0.00	43.21 0.76 0.00	54.17 1.06 0.00	58.55 1.32 0.00	55.65 1.20 0.00	48.40 0.95 0.00	42.61 0.88 0.00	38.95 0.76 0.00
V_A_10_SYNC_DSASP 323832	37.10 -3.99 0.00	36.89 -2.65 0.00	35.60 -2.23 0.00	34.56 -1.78 0.00	35.04 -1.69 0.00	35.87 -2.49 0.00	38.87 -3.75 0.00	45.26 -4.86 0.00	43.21 -4.64 0.00	39.43 -3.71 0.00	33.60 -2.88 0.00	30.61 -3.10 0.00	27.73 -2.48 0.00	26.69 -2.45 0.00	25.40 -2.36 0.00	26.45 -2.33 0.00	29.06 -3.05 0.00	37.90 -4.54 0.00	47.22 -5.90 0.00	50.60 -6.64 0.00	48.41 -6.04 0.00	41.67 -5.69 0.09	36.93 -4.80 0.00	34.33 -3.86 0.00
V_CMM_10_SYNC_DSASP 323787	41.54 0.45 0.00	39.86 0.32 0.00	38.06 0.23 0.00	36.59 0.25 0.00	36.95 0.22 0.00	38.52 0.15 0.00	42.79 0.17 0.00	50.22 0.10 0.00	47.90 0.05 0.00	43.19 0.04 0.00	36.56 0.07 0.00	33.74 0.03 0.00	30.17 -0.03 0.00	29.05 -0.09 0.00	27.70 -0.06 0.00	28.76 -0.03 0.00	32.15 0.03 0.00	42.49 0.04 0.00	53.16 0.05 0.00	56.84 -0.40 0.00	54.13 -0.33 0.00	47.69 0.24 0.00	41.98 0.25 0.00	38.30 0.11 0.00
V_CMP_10_SYNC_DSASP 323788	42.32 1.23 0.00	40.57 1.03 0.00	38.74 0.91 0.00	37.25 0.91 0.00	37.61 0.88 0.00	39.17 0.81 0.00	43.47 0.85 0.00	51.07 0.95 0.00	48.71 0.86 0.00	43.92 0.78 0.00	37.18 0.69 0.00	34.32 0.61 0.00	30.66 0.45 0.00	29.48 0.35 0.00	28.12 0.36 0.00	29.22 0.43 0.00	32.66 0.55 0.00	43.21 0.76 0.00	54.12 1.01 0.00	58.21 0.97 0.00	55.43 0.98 0.00	48.59 1.14 0.00	42.74 1.00 0.00	38.95 0.76 0.00
V_D_10_SYNC_DSASP 323841	41.91 0.82 0.00	40.14 0.59 0.00	38.33 0.49 0.00	36.85 0.51 0.00	37.21 0.48 0.00	38.75 0.38 0.00	43.05 0.43 0.00	50.52 0.40 0.00	48.18 0.33 0.00	43.40 0.26 0.00	36.74 0.26 0.00	33.88 0.17 0.00	30.26 0.06 0.00	29.10 -0.03 0.00	27.76 0.00 0.00	28.84 0.06 0.00	32.28 0.16 0.00	42.70 0.25 0.00	53.43 0.32 0.00	57.41 0.17 0.00	54.67 0.22 0.00	48.07 0.62 0.00	42.28 0.54 0.00	38.53 0.34 0.00

V_E_10_SYNC_DSASP 323830	43.18 2.10 0.00	41.52 1.98 0.00	39.80 1.97 0.00	38.34 2.00 0.00	38.75 2.02 0.00	40.40 2.03 0.00	44.92 2.30 0.00	53.08 2.96 0.00	50.53 2.68 0.00	45.21 2.07 0.00	38.12 1.64 0.00	34.89 1.18 0.00	31.05 0.85 0.00	29.83 0.70 0.00	28.42 0.67 0.00	29.62 0.83 0.00	33.30 1.19 0.00	44.57 2.12 0.00	56.56 3.45 0.00	61.07 3.83 0.00	58.05 3.59 0.00	50.49 3.04 0.00	44.20 2.46 0.00	40.25 2.06 0.00
V_F_30_NSYNC_DSASP 323816	42.44 1.36 0.00	40.73 1.19 0.00	38.97 1.13 0.00	37.43 1.09 0.00	37.80 1.07 0.00	39.63 1.27 0.00	44.28 1.66 0.00	52.03 1.90 0.00	49.43 1.58 0.00	44.48 1.34 0.00	37.43 0.95 0.00	34.59 0.88 0.00	30.78 0.57 0.00	29.63 0.50 0.00	28.20 0.44 0.00	29.27 0.49 0.00	32.89 0.77 0.00	43.67 1.23 0.00	54.86 1.75 0.00	59.41 2.17 0.00	56.47 2.01 0.00	49.11 1.66 0.00	43.19 1.46 0.00	39.56 1.37 0.00
V_F_30_SYNC_DSASP 323786	41.62 0.53 0.00	39.94 0.40 0.00	38.21 0.38 0.00	36.67 0.33 0.00	37.03 0.29 0.00	38.82 0.46 0.00	43.26 0.64 0.00	50.82 0.70 0.00	48.47 0.62 0.00	43.62 0.47 0.00	36.81 0.33 0.00	34.18 0.47 0.00	30.50 0.30 0.00	29.43 0.29 0.00	28.03 0.28 0.00	29.10 0.32 0.00	32.56 0.45 0.00	43.04 0.59 0.00	53.75 0.64 0.00	58.15 0.92 0.00	55.22 0.76 0.00	48.07 0.62 0.00	42.36 0.63 0.00	38.80 0.61 0.00
V_XM_10_SYNC_DSASP 323789	42.32 1.23 0.00	40.57 1.03 0.00	38.74 0.91 0.00	37.25 0.91 0.00	37.61 0.88 0.00	39.17 0.81 0.00	43.47 0.85 0.00	51.07 0.95 0.00	48.71 0.86 0.00	43.92 0.78 0.00	37.18 0.69 0.00	34.32 0.61 0.00	30.66 0.45 0.00	29.48 0.35 0.00	28.12 0.36 0.00	29.22 0.43 0.00	32.66 0.55 0.00	43.21 0.76 0.00	54.12 1.01 0.00	58.21 0.97 0.00	55.43 0.98 0.00	48.59 1.14 0.00	42.74 1.00 0.00	38.95 0.76 0.00
W.BABYLN_69_KV_BK1 56697	43.55 2.47 0.00	41.32 1.78 0.00	39.31 1.48 0.00	37.50 1.16 0.00	37.94 1.21 0.00	39.74 1.38 0.00	44.58 1.96 0.00	52.68 2.56 0.00	50.81 2.97 0.00	45.69 2.55 0.00	39.34 2.85 -0.01	36.35 2.63 -0.01	32.50 2.30 0.00	31.68 2.53 -0.01	30.21 2.44 -0.01	31.33 2.53 -0.01	34.73 2.60 -0.01	46.10 3.65 0.00	56.94 3.82 0.00	61.65 4.41 -0.01	58.48 4.03 0.00	51.01 3.56 0.00	44.82 3.09 0.00	40.98 2.79 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.44 1.36 0.00	40.57 1.03 0.00	38.70 0.87 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.25 0.88 0.00	43.90 1.28 0.00	51.63 1.50 0.00	49.52 1.67 0.00	44.65 1.51 0.00	37.80 1.31 0.00	34.96 1.25 0.00	31.35 1.15 0.00	30.39 1.25 0.00	29.00 1.25 0.00	30.02 1.24 0.00	33.37 1.25 0.00	44.35 1.91 0.00	55.08 1.97 0.00	59.53 2.29 0.00	56.58 2.12 0.00	49.30 1.85 0.00	43.28 1.54 0.00	39.48 1.30 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.69 1.60 0.00	40.77 1.23 0.00	38.89 1.06 0.00	37.10 0.76 0.00	37.54 0.81 0.00	39.44 1.07 0.00	44.15 1.53 0.00	51.98 1.85 0.00	49.95 2.11 0.00	45.08 1.94 0.00	38.20 1.71 0.00	35.33 1.62 0.00	31.68 1.48 0.00	30.79 1.66 0.00	29.36 1.61 0.00	30.40 1.61 0.00	33.66 1.54 0.00	44.82 2.38 0.00	55.45 2.34 0.00	59.87 2.63 0.00	56.91 2.45 0.00	49.68 2.23 0.00	43.61 1.88 0.00	39.75 1.57 0.00
W50THST__13_KV_LOAD 356117	42.81 1.73 0.00	40.93 1.38 0.00	39.04 1.21 0.00	37.25 0.91 0.00	37.69 0.96 0.00	39.55 1.19 0.00	44.33 1.70 0.00	52.18 2.05 0.00	50.14 2.30 0.00	45.30 2.16 0.00	38.34 1.86 0.00	35.46 1.75 0.00	31.80 1.60 0.00	30.91 1.78 0.00	29.48 1.72 0.00	30.51 1.73 0.00	33.78 1.67 0.00	44.99 2.55 0.00	55.66 2.55 0.00	60.10 2.86 0.00	57.12 2.67 0.00	49.83 2.37 0.00	43.74 2.00 0.00	39.90 1.72 0.00
WADING RIVER_IC_1 23522	43.02 1.93 0.00	40.73 1.19 0.00	38.74 0.91 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.21 0.84 0.00	44.07 1.45 0.00	51.98 1.86 0.00	50.38 2.53 0.00	45.21 2.07 0.00	39.34 2.85 -0.01	36.35 2.63 -0.01	32.47 2.27 0.00	31.59 2.45 -0.01	30.37 2.61 -0.01	31.39 2.59 -0.01	34.85 2.73 -0.01	45.80 3.35 0.00	56.67 3.56 0.00	61.19 3.95 -0.01	57.99 3.54 0.00	50.54 3.08 0.00	44.45 2.71 0.00	40.71 2.52 -0.01
WADING RIVER_IC_2 23547	43.02 1.93 0.00	40.73 1.19 0.00	38.74 0.91 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.21 0.84 0.00	44.07 1.45 0.00	51.98 1.86 0.00	50.38 2.53 0.00	45.21 2.07 0.00	39.34 2.85 -0.01	36.35 2.63 -0.01	32.47 2.27 0.00	31.59 2.45 -0.01	30.37 2.61 -0.01	31.39 2.59 -0.01	34.85 2.73 -0.01	45.80 3.35 0.00	56.67 3.56 0.00	61.19 3.95 -0.01	57.99 3.54 0.00	50.54 3.08 0.00	44.45 2.71 0.00	40.71 2.52 -0.01
WADING RIVER_IC_3 23601	43.02 1.93 0.00	40.73 1.19 0.00	38.74 0.91 0.00	36.96 0.62 0.00	37.39 0.66 0.00	39.21 0.84 0.00	44.07 1.45 0.00	51.98 1.86 0.00	50.38 2.53 0.00	45.21 2.07 0.00	39.34 2.85 -0.01	36.35 2.63 -0.01	32.47 2.27 0.00	31.59 2.45 -0.01	30.37 2.61 -0.01	31.39 2.59 -0.01	34.85 2.73 -0.01	45.80 3.35 0.00	56.67 3.56 0.00	61.19 3.95 -0.01	57.99 3.54 0.00	50.54 3.08 0.00	44.45 2.71 0.00	40.71 2.52 -0.01
WALDENNY_12_KV_BK2 80841	37.47 -3.62 0.00	37.41 -2.14 0.00	36.06 -1.78 0.00	35.07 -1.27 0.00	35.63 -1.10 0.00	36.29 -2.07 0.00	39.30 -3.32 0.00	45.71 -4.41 0.00	43.69 -4.16 0.00	39.82 -3.32 0.00	34.00 -2.48 0.00	30.84 -2.87 0.00	28.00 -2.20 0.00	26.95 -2.19 0.00	25.65 -2.11 0.00	26.77 -2.01 0.00	29.29 -2.83 0.00	38.20 -4.24 0.00	47.59 -5.52 0.00	51.06 -6.18 0.00	48.79 -5.66 0.00	41.99 -5.36 0.10	37.14 -4.59 0.00	34.48 -3.70 0.00
WALDEN__HYDRO 24148	42.40 1.31 0.00	40.53 0.99 0.00	38.70 0.87 0.00	36.99 0.65 0.00	37.39 0.66 0.00	39.25 0.88 0.00	43.81 1.19 0.00	51.47 1.35 0.00	49.38 1.53 0.00	44.44 1.29 0.00	37.58 1.09 0.00	34.76 1.05 0.00	31.11 0.91 0.00	30.15 1.02 0.00	28.75 1.00 0.00	29.79 1.01 0.00	33.17 1.06 0.00	44.18 1.74 0.00	54.97 1.86 0.00	59.41 2.17 0.00	56.47 2.01 0.00	49.16 1.71 0.00	43.15 1.42 0.00	39.41 1.22 0.00
WARRENSBURG____ 23737	42.61 1.52 0.00	40.85 1.30 0.00	39.08 1.25 0.00	37.57 1.24 0.00	37.94 1.21 0.00	39.78 1.42 0.00	44.54 1.92 0.00	52.33 2.21 0.00	49.71 1.87 0.00	44.78 1.64 0.00	37.58 1.09 0.00	34.65 0.94 0.00	30.78 0.57 0.00	29.57 0.44 0.00	28.12 0.36 0.00	29.13 0.35 0.00	32.82 0.71 0.00	43.72 1.27 0.00	55.02 1.91 0.00	59.64 2.40 0.00	56.69 2.23 0.00	49.35 1.90 0.00	43.40 1.67 0.00	39.71 1.53 0.00
WATERSIDE__6 8 9 23538	42.73 1.64 0.00	40.81 1.27 0.00	38.89 1.06 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.11 1.49 0.00	51.83 1.70 0.00	49.91 2.06 0.00	45.13 1.98 0.00	38.20 1.71 0.00	35.36 1.65 0.00	31.71 1.51 0.00	30.82 1.69 0.00	29.42 1.67 0.00	30.45 1.67 0.00	33.69 1.57 0.00	44.91 2.46 0.00	55.34 2.23 0.00	59.64 2.40 0.00	56.80 2.34 0.00	49.68 2.23 0.00	43.61 1.88 0.00	39.75 1.57 0.00

WATKINRD_115KV_LN8_ILLLION 55919	41.25 0.16 0.00	39.66 0.12 0.00	37.95 0.11 0.00	36.45 0.11 0.00	36.84 0.11 0.00	38.52 0.15 0.00	42.88 0.26 0.00	50.47 0.35 0.00	48.18 0.33 0.00	43.40 0.26 0.00	36.70 0.22 0.00	33.91 0.20 0.00	30.35 0.15 0.00	29.28 0.15 0.00	27.87 0.11 0.00	28.90 0.12 0.00	32.28 0.16 0.00	42.70 0.25 0.00	53.48 0.37 0.00	57.69 0.46 0.00	54.89 0.44 0.00	47.79 0.33 0.00	42.03 0.29 0.00	38.42 0.23 0.00
WDELAWARE___HYD 323627	42.40 1.31 0.00	40.53 0.99 0.00	38.74 0.91 0.00	36.99 0.65 0.00	37.43 0.70 0.00	39.25 0.88 0.00	43.81 1.19 0.00	51.38 1.25 0.00	49.28 1.43 0.00	44.26 1.12 0.00	37.36 0.87 0.00	34.52 0.81 0.00	30.87 0.66 0.00	29.89 0.76 0.00	28.50 0.75 0.00	29.53 0.75 0.00	33.01 0.90 0.00	44.06 1.61 0.00	55.08 1.97 0.00	59.41 2.17 0.00	56.47 2.02 0.00	49.11 1.66 0.00	43.11 1.38 0.00	39.44 1.26 0.00
WEST BABYLON___IC 23714	43.55 2.47 0.00	41.32 1.78 0.00	39.31 1.48 0.00	37.50 1.16 0.00	37.94 1.21 0.00	39.74 1.38 0.00	44.58 1.96 0.00	52.68 2.56 0.00	50.81 2.97 0.00	45.69 2.55 0.00	39.34 2.85 -0.01	36.35 2.63 -0.01	32.50 2.30 0.00	31.68 2.53 -0.01	30.21 2.44 -0.01	31.33 2.53 -0.01	34.73 2.60 -0.01	46.10 3.65 0.00	56.94 3.82 0.00	61.65 4.41 -0.01	58.48 4.03 0.00	51.01 3.56 0.00	44.82 3.09 0.00	40.98 2.79 -0.01
WEST CANADA___HYD 24049	41.09 0.00 0.00	39.50 -0.04 0.00	37.80 -0.04 0.00	36.30 -0.04 0.00	36.70 -0.04 0.00	38.36 0.00 0.00	42.66 0.04 0.00	50.17 0.05 0.00	47.90 0.05 0.00	43.14 0.00 0.00	36.48 0.00 0.00	33.71 0.00 0.00	30.20 0.00 0.00	29.13 0.00 0.00	27.76 0.00 0.00	28.78 0.00 0.00	32.11 0.00 0.00	42.49 0.04 0.00	53.16 0.05 0.11	57.35 0.11 0.05	54.51 0.05 0.05	47.50 0.05 0.04	41.78 0.04 0.04	38.22 0.04 0.00
WESTERN_NY_WIND 24143	38.21 -2.88 0.00	38.04 -1.50 0.00	36.66 -1.17 0.00	35.68 -0.65 0.00	36.14 -0.59 0.00	37.02 -1.34 0.00	40.19 -2.43 0.00	46.81 -3.31 0.00	44.69 -3.16 0.00	40.73 -2.42 0.00	34.62 -1.86 0.00	31.38 -2.33 0.00	28.39 -1.81 0.00	27.27 -1.86 0.00	25.92 -1.83 0.00	27.06 -1.73 0.00	29.80 -2.31 0.00	38.96 -3.48 0.00	48.92 -4.20 0.00	52.43 -4.81 0.00	50.15 -4.30 0.00	43.41 -3.94 0.11	38.19 -3.55 0.00	35.32 -2.86 0.00
WESTOVER___LESR 323668	40.96 -0.12 0.00	39.66 0.12 0.00	38.02 0.19 0.00	36.56 0.22 0.00	36.99 0.26 0.00	38.44 0.08 0.00	42.58 -0.04 0.00	49.97 -0.15 0.00	47.70 -0.14 0.00	43.10 -0.04 0.00	36.52 0.04 0.00	33.58 -0.13 0.00	30.14 -0.06 0.00	29.05 -0.09 0.00	27.64 -0.11 0.00	28.76 -0.03 0.00	32.02 -0.10 0.00	42.27 -0.17 0.00	53.01 -0.11 0.00	57.01 -0.23 0.00	54.35 -0.11 0.00	47.20 -0.24 0.02	41.48 -0.25 0.00	38.07 -0.11 0.00
WETHRSFD_WT_PWR 323626	38.21 -2.88 0.00	38.08 -1.46 0.00	36.51 -1.33 0.00	35.32 -1.02 0.00	35.85 -0.88 0.00	36.79 -1.57 0.00	39.94 -2.68 0.00	46.71 -3.41 0.00	44.59 -3.26 0.00	40.56 -2.59 0.00	34.55 -1.93 0.00	31.42 -2.29 0.00	28.42 -1.78 0.00	27.33 -1.81 0.00	25.95 -1.80 0.00	27.09 -1.70 0.00	29.84 -2.28 0.00	39.01 -3.44 0.00	48.86 -4.25 0.00	52.37 -4.87 0.00	50.05 -4.41 0.00	43.11 -4.27 0.08	37.85 -3.88 0.00	35.06 -3.13 0.00
WHAVSTOR_138KV_BK127 55557	42.24 1.15 0.00	40.41 0.87 0.00	38.55 0.72 0.00	36.81 0.47 0.00	37.25 0.51 0.00	39.09 0.73 0.00	43.73 1.11 0.00	51.42 1.30 0.00	49.33 1.48 0.00	44.52 1.38 0.00	37.69 1.20 0.00	34.86 1.15 0.00	31.26 1.06 0.00	30.33 1.19 0.00	28.92 1.17 0.00	29.96 1.18 0.00	33.24 1.12 0.00	44.23 1.78 0.00	54.86 1.75 0.00	59.24 2.00 0.00	56.36 1.91 0.00	49.11 1.66 0.00	43.11 1.38 0.00	39.33 1.15 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.24 1.15 0.00	40.41 0.87 0.00	38.55 0.72 0.00	36.81 0.47 0.00	37.25 0.51 0.00	39.09 0.73 0.00	43.73 1.11 0.00	51.42 1.30 0.00	49.33 1.48 0.00	44.52 1.38 0.00	37.69 1.20 0.00	34.86 1.15 0.00	31.26 1.06 0.00	30.33 1.19 0.00	28.92 1.17 0.00	29.96 1.18 0.00	33.24 1.12 0.00	44.23 1.78 0.00	54.86 1.75 0.00	59.24 2.00 0.00	56.36 1.91 0.00	49.11 1.66 0.00	43.11 1.38 0.00	39.33 1.15 0.00
WHITEHAL_115KV_TB1 80871	42.48 1.40 0.00	40.69 1.15 0.00	38.93 1.10 0.00	37.43 1.09 0.00	37.80 1.07 0.00	39.63 1.27 0.00	44.50 1.88 0.00	52.18 2.05 0.00	49.52 1.67 0.00	44.57 1.42 0.00	37.36 0.88 0.00	34.38 0.67 0.00	30.44 0.24 0.00	29.19 0.06 0.00	27.76 0.00 0.00	28.78 0.00 0.00	32.53 0.42 0.00	43.46 1.02 0.00	54.92 1.81 0.00	59.70 2.46 0.00	56.63 2.18 0.00	49.26 1.80 0.00	43.28 1.54 0.00	39.60 1.41 0.00
WHITEPLN_13_KV_LOAD 356215	42.81 1.73 0.00	40.97 1.42 0.00	39.08 1.25 0.00	37.28 0.94 0.00	37.72 0.99 0.00	39.63 1.27 0.00	44.33 1.70 0.00	52.23 2.11 0.00	50.10 2.25 0.00	45.26 2.11 0.00	38.27 1.79 0.00	35.40 1.69 0.00	31.74 1.54 0.00	30.77 1.63 0.00	29.31 1.55 0.00	30.37 1.58 0.00	33.66 1.54 0.00	44.78 2.33 0.00	55.66 2.55 0.00	60.21 2.98 0.00	57.29 2.83 0.00	49.83 2.37 0.00	43.74 2.00 0.00	39.87 1.68 0.00
WM_FLOYD_69_KV_BK2 356380	43.35 2.26 0.00	41.09 1.54 0.00	39.04 1.21 0.00	37.25 0.91 0.00	37.69 0.96 0.00	39.51 1.15 0.00	44.41 1.79 0.00	52.53 2.41 0.00	50.67 2.82 0.00	45.52 2.37 0.00	39.48 2.99 -0.01	36.48 2.76 -0.01	32.59 2.39 0.00	31.82 2.68 -0.01	30.40 2.64 -0.01	31.53 2.73 -0.01	34.89 2.76 -0.01	46.14 3.69 -0.01	56.94 3.82 0.00	61.71 4.46 -0.01	58.48 4.03 0.00	51.01 3.56 0.00	44.78 3.05 0.00	40.94 2.75 -0.01
WOODARD_115KV_TB2 355635	40.68 -0.41 0.00	39.27 -0.28 0.00	37.61 -0.23 0.00	36.16 -0.18 0.00	36.59 -0.15 0.00	38.09 -0.27 0.00	42.24 -0.38 0.00	49.77 -0.35 0.00	47.51 -0.33 0.00	42.93 -0.22 0.00	36.34 -0.15 0.00	33.47 -0.24 0.00	30.02 -0.18 0.00	28.93 -0.20 0.00	27.53 -0.22 0.00	28.55 -0.23 0.00	31.83 -0.29 0.00	42.02 -0.42 0.00	52.69 -0.42 0.00	56.72 -0.52 0.00	54.02 -0.44 0.00	46.98 -0.47 0.00	41.27 -0.46 0.00	37.84 -0.34 0.00
WOODMERE_69_KV_BK1 55827	43.26 2.18 0.00	41.17 1.62 0.00	39.20 1.36 0.00	37.43 1.09 0.00	37.87 1.14 0.00	39.63 1.27 0.00	44.41 1.79 0.00	52.38 2.26 0.00	50.48 2.63 0.00	45.47 2.33 0.00	38.94 2.44 -0.02	36.02 2.29 -0.02	32.26 2.05 0.00	31.36 2.21 -0.02	29.91 2.14 -0.02	30.99 2.19 -0.02	34.31 2.18 -0.02	45.60 3.14 0.00	56.40 3.29 0.00	61.09 3.83 -0.02	57.99 3.54 0.00	50.54 3.08 0.00	44.40 2.67 0.00	40.61 2.41 -0.02
YORK___WARBASSE 23770	42.77 1.68 0.00	40.81 1.27 0.00	38.93 1.10 0.00	37.07 0.73 0.00	37.50 0.77 0.00	39.36 1.00 0.00	44.15 1.53 0.00	51.73 1.60 0.00	49.91 2.06 0.00	45.26 2.11 0.00	38.31 1.82 0.00	35.43 1.72 0.00	31.77 1.57 0.00	30.91 1.78 0.00	29.53 1.78 0.00	30.54 1.76 0.00	33.78 1.67 0.00	45.07 2.63 0.00	55.29 2.18 0.00	59.53 2.29 0.00	56.69 2.23 0.00	49.83 2.37 0.00	43.74 2.00 0.00	39.79 1.60 0.00