



ALBANY___2 23572	39.72 1.19 0.00	38.03 1.14 0.00	36.68 1.09 0.00	34.70 1.03 0.00	36.47 1.07 0.00	42.06 1.20 0.00	52.58 1.60 0.00	145.07 4.50 0.00	72.74 1.96 0.00	37.66 0.98 0.00	40.29 0.98 0.00	36.69 0.90 0.00	33.20 0.82 0.00	28.80 0.71 0.00	27.85 0.73 0.00	29.31 0.79 0.00	34.20 0.94 0.00	38.15 1.04 0.00	48.95 1.31 0.00	74.36 1.84 0.00	72.98 1.98 0.00	60.96 1.74 0.00	44.68 1.34 0.00	30.98 0.98 0.00
ALBANY___3 23573	39.72 1.19 0.00	38.03 1.14 0.00	36.68 1.09 0.00	34.70 1.03 0.00	36.47 1.07 0.00	42.06 1.20 0.00	52.58 1.60 0.00	145.07 4.50 0.00	72.74 1.96 0.00	37.66 0.98 0.00	40.29 0.98 0.00	36.69 0.90 0.00	33.20 0.82 0.00	28.80 0.71 0.00	27.85 0.73 0.00	29.31 0.79 0.00	34.20 0.94 0.00	38.15 1.04 0.00	48.95 1.31 0.00	74.36 1.84 0.00	72.98 1.98 0.00	60.96 1.74 0.00	44.68 1.34 0.00	30.98 0.98 0.00
ALBANY___4 23574	39.72 1.19 0.00	38.03 1.14 0.00	36.68 1.09 0.00	34.70 1.03 0.00	36.47 1.07 0.00	42.06 1.20 0.00	52.58 1.60 0.00	145.07 4.50 0.00	72.74 1.96 0.00	37.66 0.98 0.00	40.29 0.98 0.00	36.69 0.90 0.00	33.20 0.82 0.00	28.80 0.71 0.00	27.85 0.73 0.00	29.31 0.79 0.00	34.20 0.94 0.00	38.15 1.04 0.00	48.95 1.31 0.00	74.36 1.84 0.00	72.98 1.98 0.00	60.96 1.74 0.00	44.68 1.34 0.00	30.98 0.98 0.00
ALBANY___LFGE 323615	39.91 1.37 0.00	38.21 1.32 0.00	36.86 1.26 0.00	34.86 1.19 0.00	36.64 1.24 0.00	42.27 1.41 0.00	52.85 1.87 0.00	145.85 5.27 0.00	73.10 2.33 0.00	37.84 1.16 0.00	40.48 1.17 0.00	36.87 1.07 0.00	33.35 0.96 0.00	28.93 0.84 0.00	27.98 0.85 0.00	29.44 0.93 0.00	34.37 1.11 0.00	38.36 1.25 0.00	49.22 1.57 0.00	74.76 2.25 0.00	73.34 2.34 0.00	61.26 2.05 0.00	44.89 1.55 0.00	31.13 1.14 0.00
ALCOA_PA_115KV_PL-6C 55860	39.69 1.15 0.00	38.00 1.12 0.00	36.69 1.09 0.00	34.70 1.03 0.00	36.48 1.07 0.00	42.14 1.28 0.00	52.25 1.27 0.00	143.45 2.87 0.00	72.63 1.86 0.00	37.70 1.01 0.00	40.36 1.05 0.00	36.68 0.88 0.00	33.20 0.81 0.00	28.74 0.66 0.00	27.73 0.61 0.00	29.21 0.70 0.00	34.21 0.95 0.00	38.19 1.08 0.00	49.17 1.53 0.00	74.82 2.30 0.00	73.06 2.06 0.00	60.90 1.68 0.00	44.43 1.09 0.00	30.63 0.63 0.00
ALCOA_RYNLDS___DRP 24188	39.69 1.15 0.00	38.00 1.12 0.00	36.69 1.09 0.00	34.70 1.03 0.00	36.48 1.07 0.00	42.14 1.28 0.00	52.25 1.27 0.00	143.45 2.87 0.00	72.63 1.86 0.00	37.70 1.01 0.00	40.36 1.05 0.00	36.68 0.88 0.00	33.20 0.81 0.00	28.74 0.66 0.00	27.73 0.61 0.00	29.21 0.70 0.00	34.21 0.95 0.00	38.19 1.08 0.00	49.17 1.53 0.00	74.82 2.30 0.00	73.06 2.06 0.00	60.90 1.68 0.00	44.43 1.09 0.00	30.63 0.63 0.00
ALCOA___DSASP 323711	39.69 1.16 0.00	38.01 1.12 0.00	36.69 1.09 0.00	34.70 1.02 0.00	36.48 1.07 0.00	42.14 1.28 0.00	52.25 1.27 0.00	143.45 2.87 0.00	72.63 1.86 0.00	37.70 1.01 0.00	40.36 1.05 0.00	36.68 0.88 0.00	33.20 0.81 0.00	28.74 0.65 0.00	27.73 0.61 0.00	29.21 0.70 0.00	34.21 0.95 0.00	38.19 1.08 0.00	49.17 1.53 0.00	74.82 2.30 0.00	73.06 2.06 0.00	60.90 1.68 0.00	44.43 1.09 0.00	30.63 0.63 0.00
ALLEGHENY___COGEN 23514	40.82 -1.59 -3.88	37.90 -1.54 -2.56	34.10 -1.52 -0.02	32.39 -1.31 -0.03	36.75 -1.24 -2.59	39.88 -0.98 0.00	50.06 -1.11 -0.19	184.86 -1.62 -45.90	111.67 -0.71 -41.60	35.24 -1.45 0.00	37.58 -1.73 0.00	34.15 -1.66 0.00	30.85 -1.53 0.00	26.65 -1.44 0.00	25.71 -1.41 0.00	26.92 -1.59 0.00	31.26 -2.00 0.00	34.96 -2.15 0.00	45.65 -1.99 0.00	71.95 -0.56 0.00	70.14 -0.86 0.00	58.10 -1.12 0.00	42.23 -1.12 0.00	28.94 -1.05 0.00
ALTAMONT_115KV_TB 2 55880	39.47 0.93 0.00	37.80 0.91 0.00	36.46 0.86 0.00	34.48 0.81 0.00	36.24 0.83 0.00	41.79 0.93 0.00	52.23 1.25 0.00	144.17 3.59 0.00	72.31 1.53 0.00	37.41 0.72 0.00	40.00 0.69 0.00	36.44 0.64 0.00	32.97 0.58 0.00	28.61 0.53 0.00	27.66 0.54 0.00	29.09 0.58 0.00	33.94 0.68 0.00	37.87 0.77 0.00	48.64 1.00 0.00	73.97 1.46 0.00	72.56 1.56 0.00	60.58 1.37 0.00	44.40 1.06 0.00	30.77 0.77 0.00
ALTONA_WT_PWR 323606	40.63 2.09 0.00	39.00 2.11 0.00	37.67 2.07 0.00	35.48 1.81 0.00	37.30 1.89 0.00	42.94 2.09 0.00	53.37 2.39 0.00	146.44 5.87 0.00	74.14 3.36 0.00	38.27 1.59 0.00	41.13 1.82 0.00	37.09 1.29 0.00	33.49 1.11 0.00	28.92 0.83 0.00	27.96 0.84 0.00	29.56 1.05 0.00	34.91 1.65 0.00	39.23 2.12 0.00	50.52 2.88 0.00	76.98 4.46 0.00	75.57 4.57 0.00	62.95 3.74 0.00	45.89 2.55 0.00	31.16 1.17 0.00
AMERICAN_REF_FUEL 24010	33.70 -3.97 0.87	32.50 -3.82 0.57	31.86 -3.73 0.01	30.29 -3.38 0.01	31.42 -3.41 0.58	37.25 -3.61 0.00	45.61 -5.33 0.04	115.04 -15.20 10.34	54.27 -7.11 9.40	33.29 -3.39 0.00	35.89 -3.42 0.00	32.65 -3.15 0.00	29.64 -2.75 0.00	25.71 -2.37 0.00	24.82 -2.30 0.00	25.96 -2.55 0.00	30.05 -3.21 0.00	33.16 -3.95 0.00	42.32 -5.32 0.00	64.72 -7.79 0.00	62.75 -8.25 0.00	52.24 -6.98 0.00	38.41 -4.93 0.00	26.72 -3.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.66 -3.48 0.40	33.16 -3.46 0.26	32.29 -3.31 0.00	30.74 -2.93 0.00	32.31 -2.81 0.29	38.47 -2.39 0.00	48.01 -2.95 0.02	129.26 -6.71 4.60	64.11 -2.54 4.13	35.79 -0.90 0.00	38.71 -0.60 0.00	34.99 -0.81 0.00	31.39 -0.99 0.00	27.21 -0.87 0.00	26.21 -0.92 0.00	27.31 -1.20 0.00	31.63 -1.62 0.00	35.27 -1.83 0.00	45.18 -2.46 0.00	69.00 -3.51 0.00	66.70 -4.29 0.00	55.11 -4.10 0.00	39.73 -3.61 0.00	27.05 -2.95 0.00
ARTHUR KILL_GT_1 23520	58.95 1.71 -18.70	58.62 1.65 -20.08	57.99 1.43 -20.97	57.99 1.39 -22.93	58.00 1.38 -21.21	58.50 1.62 -16.02	61.18 2.10 -8.10	146.97 6.39 0.00	87.76 3.12 -13.86	64.16 2.04 -25.43	59.87 2.13 -18.43	58.92 1.88 -21.24	58.79 1.62 -24.79	71.68 1.53 -42.07	58.78 1.56 -30.10	58.79 1.75 -28.53	63.81 1.97 -28.59	63.75 1.97 -24.67	66.14 2.09 -16.41	79.88 2.84 -4.53	89.21 2.90 -15.31	79.44 2.75 -17.47	60.18 2.22 -14.62	59.72 1.54 -28.18
ARTHUR_KILL_2 23512	58.84 1.61 -18.70	58.52 1.56 -20.08	57.90 1.33 -20.97	57.90 1.30 -22.93	57.90 1.28 -21.21	58.38 1.51 -16.02	61.02 1.94 -8.10	146.53 5.95 0.00	87.54 2.90 -13.86	64.05 1.93 -25.43	59.77 2.03 -18.43	58.84 1.81 -21.24	58.73 1.56 -24.79	71.63 1.48 -42.07	58.73 1.50 -30.10	58.73 1.69 -28.53	63.74 1.89 -28.59	63.66 1.88 -24.67	66.00 1.95 -16.41	79.66 2.62 -4.53	88.99 2.69 -15.31	79.25 2.57 -17.47	60.06 2.09 -14.62	59.63 1.46 -28.18
ARTHUR_KILL_3 23513	58.92 1.12 -19.27	59.10 1.08 -21.13	58.68 0.96 -22.13	58.74 0.88 -24.19	58.64 0.85 -22.38	58.71 1.03 -16.82	60.57 1.45 -8.13	145.42 4.84 0.00	72.97 2.20 0.00	55.58 1.46 -17.43	59.30 1.46 -18.52	58.29 1.24 -21.25	58.28 1.11 -24.79	71.26 1.11 -42.07	58.38 1.16 -30.10	58.44 1.39 -28.54	63.31 1.46 -28.60	63.21 1.42 -24.68	65.48 1.42 -16.41	74.52 2.01 0.00	72.95 1.95 0.00	60.99 1.77 0.00	59.44 1.49 -14.61	60.11 1.05 -29.06

ARTHUR_KILL_COGEN 323718	58.95 1.71 -18.70	58.62 1.65 -20.08	57.99 1.43 -20.97	57.99 1.39 -22.93	58.00 1.38 -21.21	58.50 1.62 -16.02	61.18 2.10 -8.10	146.97 6.39 0.00	87.76 3.12 -13.86	64.16 2.04 -25.43	59.87 2.13 -18.43	58.92 1.88 -21.24	58.79 1.62 -24.79	71.68 1.53 -42.07	58.78 1.56 -30.10	58.79 1.75 -28.53	63.81 1.97 -28.59	63.75 1.97 -24.67	66.14 2.09 -16.41	79.88 2.84 -4.53	89.21 2.90 -15.31	79.44 2.75 -17.47	60.18 2.22 -14.62	59.72 1.54 -28.18
ASHOKAN____ 23654	40.90 2.36 0.00	39.12 2.23 0.00	37.72 2.12 0.00	35.67 2.00 0.00	37.50 2.09 0.00	43.33 2.47 0.00	54.34 3.37 0.00	150.48 9.90 0.00	75.31 4.53 0.00	38.63 1.95 0.00	40.97 1.65 0.00	37.30 1.50 0.00	33.72 1.34 0.00	29.10 1.02 0.00	28.10 0.97 0.00	29.60 1.09 0.00	34.57 1.32 0.00	38.78 1.67 0.00	50.14 2.50 0.00	76.66 4.15 0.00	75.21 4.20 0.00	62.74 3.53 0.00	45.89 2.56 0.00	31.73 1.73 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.85 1.32 0.00	38.16 1.28 0.00	36.71 1.12 0.00	34.71 1.04 0.00	36.41 1.01 0.00	42.03 1.18 0.00	52.58 1.60 0.00	145.84 5.26 0.00	73.31 2.54 0.00	38.37 1.68 0.00	41.03 1.71 0.00	37.35 1.54 -0.01	33.73 1.33 -0.01	29.40 1.31 -0.01	28.44 1.32 0.00	30.07 1.55 -0.01	34.87 1.62 0.01	38.66 1.56 0.01	49.18 1.54 0.00	74.81 2.29 0.00	73.30 2.31 0.00	61.35 2.13 0.00	45.09 1.75 0.00	31.18 1.19 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.85 1.32 0.00	38.16 1.28 0.00	36.71 1.12 0.00	34.71 1.04 0.00	36.42 1.01 0.00	42.03 1.18 0.00	52.58 1.60 0.00	145.84 5.27 0.00	73.31 2.54 0.00	38.37 1.68 0.00	41.03 1.71 0.00	37.35 1.54 -0.01	33.73 1.33 -0.01	29.40 1.31 -0.01	28.44 1.32 0.00	30.07 1.55 -0.01	34.87 1.62 0.01	38.66 1.56 0.01	49.18 1.54 0.00	74.81 2.29 0.00	73.30 2.31 0.00	61.35 2.13 0.00	45.09 1.75 0.00	31.18 1.19 0.00
ASTORIA_GT2_1 24094	39.88 1.35 0.00	38.17 1.29 0.00	36.72 1.13 0.00	34.74 1.06 0.00	36.43 1.03 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.93 5.36 0.00	73.38 2.60 0.00	38.39 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.90 1.65 0.01	38.68 1.58 0.00	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.15 0.00	45.12 1.79 0.00	31.20 1.21 0.00
ASTORIA_GT2_2 24095	39.88 1.35 0.00	38.17 1.29 0.00	36.72 1.13 0.00	34.74 1.06 0.00	36.43 1.03 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.93 5.36 0.00	73.38 2.60 0.00	38.39 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.90 1.65 0.01	38.68 1.58 0.00	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.15 0.00	45.12 1.79 0.00	31.20 1.21 0.00
ASTORIA_GT2_3 24096	39.88 1.35 0.00	38.17 1.29 0.00	36.72 1.13 0.00	34.74 1.06 0.00	36.43 1.03 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.93 5.36 0.00	73.38 2.60 0.00	38.39 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.90 1.65 0.01	38.68 1.58 0.00	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.15 0.00	45.12 1.79 0.00	31.20 1.21 0.00
ASTORIA_GT2_4 24097	39.88 1.35 0.00	38.17 1.29 0.00	36.72 1.13 0.00	34.74 1.06 0.00	36.43 1.03 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.93 5.36 0.00	73.38 2.60 0.00	38.39 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.90 1.65 0.01	38.68 1.58 0.00	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.15 0.00	45.12 1.79 0.00	31.20 1.21 0.00
ASTORIA_GT3_1 24098	39.88 1.35 0.00	38.17 1.29 0.00	36.72 1.13 0.00	34.74 1.06 0.00	36.43 1.03 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.93 5.36 0.00	73.38 2.60 0.00	38.39 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.90 1.65 0.01	38.68 1.58 0.00	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.15 0.00	45.12 1.79 0.00	31.20 1.21 0.00
ASTORIA_GT3_2 24099	39.88 1.35 0.00	38.17 1.29 0.00	36.72 1.13 0.00	34.74 1.06 0.00	36.43 1.03 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.93 5.36 0.00	73.38 2.60 0.00	38.39 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.90 1.65 0.01	38.68 1.58 0.00	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.15 0.00	45.12 1.79 0.00	31.20 1.21 0.00
ASTORIA_GT3_3 24100	39.88 1.35 0.00	38.17 1.29 0.00	36.72 1.13 0.00	34.74 1.06 0.00	36.43 1.03 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.93 5.36 0.00	73.38 2.60 0.00	38.39 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.90 1.65 0.01	38.68 1.58 0.00	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.15 0.00	45.12 1.79 0.00	31.20 1.21 0.00
ASTORIA_GT3_4 24101	39.88 1.35 0.00	38.17 1.29 0.00	36.72 1.13 0.00	34.74 1.06 0.00	36.43 1.03 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.93 5.36 0.00	73.38 2.60 0.00	38.39 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.90 1.65 0.01	38.68 1.58 0.00	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.15 0.00	45.12 1.79 0.00	31.20 1.21 0.00
ASTORIA_GT4_1 24102	39.88 1.35 0.00	38.17 1.29 0.00	36.72 1.13 0.00	34.74 1.06 0.00	36.43 1.03 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.93 5.36 0.00	73.38 2.60 0.00	38.39 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.90 1.65 0.01	38.68 1.58 0.00	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.15 0.00	45.12 1.79 0.00	31.20 1.21 0.00
ASTORIA_GT4_2 24103	39.88 1.35 0.00	38.17 1.29 0.00	36.72 1.13 0.00	34.74 1.06 0.00	36.43 1.03 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.93 5.36 0.00	73.38 2.60 0.00	38.39 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.90 1.65 0.01	38.68 1.58 0.00	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.15 0.00	45.12 1.79 0.00	31.20 1.21 0.00
ASTORIA_GT4_3 24104	39.88 1.35 0.00	38.17 1.29 0.00	36.72 1.13 0.00	34.74 1.06 0.00	36.43 1.03 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.93 5.36 0.00	73.38 2.60 0.00	38.39 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.90 1.65 0.01	38.68 1.58 0.00	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.15 0.00	45.12 1.79 0.00	31.20 1.21 0.00

ASTORIA_GT4_4 24105	39.88 1.35 0.00	38.17 1.29 0.00	36.72 1.13 0.00	34.74 1.06 0.00	36.43 1.03 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.93 5.36 0.00	73.38 2.60 0.00	38.39 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.90 1.65 0.01	38.68 1.58 0.00	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.15 0.00	45.12 1.79 0.00	31.20 1.21 0.00
ASTORIA_GT_1 23523	39.92 1.39 0.00	38.23 1.35 0.00	36.78 1.18 0.00	34.78 1.11 0.00	36.48 1.08 0.00	42.11 1.26 0.00	52.69 1.71 0.00	146.18 5.60 0.00	73.50 2.72 0.00	38.45 1.76 0.00	41.13 1.81 0.00	37.42 1.62 -0.01	33.79 1.40 -0.01	29.46 1.37 -0.01	28.50 1.37 0.00	30.13 1.61 -0.01	34.95 1.70 0.01	38.74 1.64 0.01	49.28 1.65 0.00	74.97 2.46 0.00	73.46 2.46 0.00	61.48 2.26 0.00	45.19 1.85 0.00	31.25 1.26 0.00
ASTORIA_GT_10 24110	40.02 1.48 0.00	38.34 1.46 0.00	36.90 1.30 0.00	34.91 1.23 0.00	36.62 1.22 0.00	42.22 1.36 0.00	52.84 1.85 0.00	146.57 5.99 0.00	73.63 2.86 0.00	38.53 1.84 0.00	41.23 1.91 0.00	37.50 1.69 -0.01	35.09 1.50 -1.21	31.71 1.43 -2.20	30.16 1.46 -1.58	31.69 1.69 -1.49	36.43 1.84 -1.33	39.33 1.80 -0.41	49.48 1.85 0.00	75.15 2.63 0.00	73.60 2.60 0.00	61.54 2.33 0.00	45.24 1.90 0.00	31.33 1.34 0.00
ASTORIA_GT_11 24225	40.02 1.48 0.00	38.34 1.46 0.00	36.90 1.30 0.00	34.91 1.23 0.00	36.62 1.22 0.00	42.22 1.36 0.00	52.84 1.85 0.00	146.57 5.99 0.00	73.63 2.86 0.00	38.53 1.84 0.00	41.23 1.91 0.00	37.50 1.69 -0.01	35.09 1.50 -1.21	31.71 1.43 -2.20	30.16 1.46 -1.58	31.69 1.69 -1.49	36.43 1.84 -1.33	39.33 1.80 -0.41	49.48 1.85 0.00	75.15 2.63 0.00	73.60 2.60 0.00	61.54 2.33 0.00	45.24 1.90 0.00	31.33 1.34 0.00
ASTORIA_GT_12 24226	40.02 1.48 0.00	38.34 1.46 0.00	36.90 1.30 0.00	34.91 1.23 0.00	36.62 1.22 0.00	42.22 1.36 0.00	52.84 1.85 0.00	146.57 5.99 0.00	73.63 2.86 0.00	38.53 1.84 0.00	41.23 1.91 0.00	37.50 1.69 -0.01	35.09 1.50 -1.21	31.71 1.43 -2.20	30.16 1.46 -1.58	31.69 1.69 -1.49	36.43 1.84 -1.33	39.33 1.80 -0.41	49.48 1.85 0.00	75.15 2.63 0.00	73.60 2.60 0.00	61.54 2.33 0.00	45.24 1.90 0.00	31.33 1.34 0.00
ASTORIA_GT_13 24227	40.02 1.48 0.00	38.34 1.46 0.00	36.90 1.30 0.00	34.91 1.23 0.00	36.62 1.22 0.00	42.22 1.36 0.00	52.84 1.85 0.00	146.57 5.99 0.00	73.63 2.86 0.00	38.53 1.84 0.00	41.23 1.91 0.00	37.50 1.69 -0.01	35.09 1.50 -1.21	31.71 1.43 -2.20	30.16 1.46 -1.58	31.69 1.69 -1.49	36.43 1.84 -1.33	39.33 1.80 -0.41	49.48 1.85 0.00	75.15 2.63 0.00	73.60 2.60 0.00	61.54 2.33 0.00	45.24 1.90 0.00	31.33 1.34 0.00
ASTORIA_GT_5 24106	39.93 1.40 0.00	38.23 1.34 0.00	36.78 1.18 0.00	34.78 1.11 0.00	36.48 1.08 0.00	42.12 1.26 0.00	52.69 1.71 0.00	146.18 5.61 0.00	73.52 2.74 0.00	38.45 1.77 0.00	41.13 1.81 0.00	37.42 1.62 -0.01	33.79 1.40 -0.01	29.46 1.37 -0.01	28.50 1.38 0.00	30.13 1.61 -0.01	34.95 1.70 0.01	38.74 1.64 0.00	49.29 1.65 0.00	74.97 2.46 0.00	73.46 2.46 0.00	61.48 2.26 0.00	45.19 1.85 0.00	31.25 1.26 0.00
ASTORIA_GT_7 24107	39.93 1.40 0.00	38.23 1.34 0.00	36.78 1.18 0.00	34.78 1.11 0.00	36.48 1.08 0.00	42.12 1.26 0.00	52.69 1.71 0.00	146.18 5.61 0.00	73.52 2.74 0.00	38.45 1.77 0.00	41.13 1.81 0.00	37.42 1.62 -0.01	33.79 1.40 -0.01	29.46 1.37 -0.01	28.50 1.38 0.00	30.13 1.61 -0.01	34.95 1.70 0.01	38.74 1.64 0.00	49.29 1.65 0.00	74.97 2.46 0.00	73.46 2.46 0.00	61.48 2.26 0.00	45.19 1.85 0.00	31.25 1.26 0.00
ASTORIA_GT_8 24108	39.93 1.40 0.00	38.23 1.34 0.00	36.78 1.18 0.00	34.78 1.11 0.00	36.48 1.08 0.00	42.12 1.26 0.00	52.69 1.71 0.00	146.18 5.61 0.00	73.52 2.74 0.00	38.45 1.77 0.00	41.13 1.81 0.00	37.42 1.62 -0.01	33.79 1.40 -0.01	29.46 1.37 -0.01	28.50 1.38 0.00	30.13 1.61 -0.01	34.95 1.70 0.01	38.74 1.64 0.00	49.29 1.65 0.00	74.97 2.46 0.00	73.46 2.46 0.00	61.48 2.26 0.00	45.19 1.85 0.00	31.25 1.26 0.00
ASTORIA___2 24149	39.87 1.34 0.00	38.17 1.28 0.00	36.72 1.12 0.00	34.73 1.06 0.00	36.43 1.02 0.00	42.06 1.20 0.00	52.60 1.62 0.00	145.91 5.33 0.00	73.38 2.60 0.00	38.39 1.71 0.00	41.06 1.74 0.00	37.36 1.55 -0.01	33.74 1.35 -0.01	29.41 1.32 -0.01	28.45 1.33 0.00	30.08 1.56 -0.01	34.88 1.63 0.01	38.68 1.58 0.01	49.19 1.56 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.37 2.16 0.00	45.12 1.79 0.00	31.20 1.21 0.00
ASTORIA___3 23516	40.00 1.47 0.00	38.35 1.46 0.00	36.89 1.30 0.00	34.91 1.23 0.00	36.62 1.22 0.00	42.21 1.35 0.00	52.84 1.86 0.00	146.57 5.99 0.00	73.63 2.85 0.00	38.53 1.85 0.00	41.23 1.91 0.00	37.50 1.69 -0.01	35.09 1.50 -1.21	31.70 1.42 -2.20	30.16 1.46 -1.58	31.69 1.69 -1.49	36.42 1.83 -1.33	39.33 1.80 -0.41	49.49 1.84 0.00	75.15 2.63 0.00	73.59 2.59 0.00	61.54 2.33 0.00	45.23 1.89 0.00	31.33 1.34 0.00
ASTORIA___4 23517	40.02 1.48 0.00	38.34 1.46 0.00	36.90 1.30 0.00	34.91 1.23 0.00	36.62 1.22 0.00	42.22 1.36 0.00	52.84 1.85 0.00	146.57 5.99 0.00	73.63 2.86 0.00	38.53 1.84 0.00	41.23 1.91 0.00	37.50 1.69 -0.01	35.09 1.50 -1.21	31.71 1.43 -2.20	30.16 1.46 -1.58	31.69 1.69 -1.49	36.43 1.84 -1.33	39.33 1.80 -0.41	49.48 1.85 0.00	75.15 2.63 0.00	73.60 2.60 0.00	61.54 2.33 0.00	45.24 1.90 0.00	31.33 1.34 0.00
ASTORIA___5 23518	40.00 1.47 0.00	38.35 1.46 0.00	36.89 1.30 0.00	34.91 1.23 0.00	36.62 1.22 0.00	42.21 1.35 0.00	52.84 1.86 0.00	146.57 5.99 0.00	73.63 2.85 0.00	38.53 1.85 0.00	41.23 1.91 0.00	37.50 1.69 -0.01	35.09 1.50 -1.21	31.70 1.42 -2.20	30.16 1.46 -1.58	31.69 1.69 -1.49	36.42 1.83 -1.33	39.33 1.80 -0.41	49.49 1.84 0.00	75.15 2.63 0.00	73.59 2.59 0.00	61.54 2.33 0.00	45.23 1.89 0.00	31.33 1.34 0.00
AST_ENERGY_2_CC3 323677	39.89 1.36 0.00	38.20 1.31 0.00	36.76 1.17 0.00	34.77 1.09 0.00	36.48 1.07 0.00	42.14 1.28 0.00	52.75 1.77 0.00	146.30 5.73 0.00	73.42 2.65 0.00	38.38 1.70 0.00	41.04 1.73 0.00	37.30 1.50 0.00	33.72 1.34 0.00	29.37 1.29 0.00	28.45 1.32 0.00	30.08 1.57 0.00	34.94 1.68 0.00	38.77 1.67 0.00	49.37 1.73 0.00	75.01 2.50 0.00	73.45 2.45 0.00	61.39 2.18 0.00	45.09 1.75 0.00	31.22 1.23 0.00
AST_ENERGY_2_CC4 323678	39.89 1.36 0.00	38.20 1.31 0.00	36.76 1.17 0.00	34.77 1.09 0.00	36.48 1.07 0.00	42.14 1.28 0.00	52.75 1.77 0.00	146.30 5.73 0.00	73.42 2.65 0.00	38.38 1.70 0.00	41.04 1.73 0.00	37.30 1.50 0.00	33.72 1.34 0.00	29.37 1.29 0.00	28.45 1.32 0.00	30.08 1.57 0.00	34.94 1.68 0.00	38.77 1.67 0.00	49.37 1.73 0.00	75.01 2.50 0.00	73.45 2.45 0.00	61.39 2.18 0.00	45.09 1.75 0.00	31.22 1.23 0.00

ATHENS_STG_1 23668	39.40 0.87 0.00	37.72 0.84 0.00	36.38 0.79 0.00	34.41 0.73 0.00	36.15 0.75 0.00	41.69 0.83 0.00	52.11 1.13 0.00	143.98 3.40 0.00	72.26 1.48 0.00	37.52 0.83 0.00	40.14 0.82 0.00	36.56 0.77 0.00	33.08 0.69 0.00	28.74 0.66 0.00	27.80 0.68 0.00	29.26 0.75 0.00	34.09 0.83 0.00	37.96 0.86 0.00	48.59 0.95 0.00	73.85 1.34 0.00	72.45 1.45 0.00	60.51 1.29 0.00	44.37 1.03 0.00	30.75 0.75 0.00
ATHENS_STG_2 23670	39.40 0.87 0.00	37.72 0.84 0.00	36.38 0.79 0.00	34.41 0.73 0.00	36.15 0.75 0.00	41.69 0.83 0.00	52.11 1.13 0.00	143.98 3.40 0.00	72.26 1.48 0.00	37.52 0.83 0.00	40.14 0.82 0.00	36.56 0.77 0.00	33.08 0.69 0.00	28.74 0.66 0.00	27.80 0.68 0.00	29.26 0.75 0.00	34.09 0.83 0.00	37.96 0.86 0.00	48.59 0.95 0.00	73.85 1.34 0.00	72.45 1.45 0.00	60.51 1.29 0.00	44.37 1.03 0.00	30.75 0.75 0.00
ATHENS_STG_3 23677	39.40 0.87 0.00	37.72 0.84 0.00	36.38 0.79 0.00	34.41 0.73 0.00	36.15 0.75 0.00	41.69 0.83 0.00	52.11 1.13 0.00	143.98 3.40 0.00	72.26 1.48 0.00	37.52 0.83 0.00	40.14 0.82 0.00	36.56 0.77 0.00	33.08 0.69 0.00	28.74 0.66 0.00	27.80 0.68 0.00	29.26 0.75 0.00	34.09 0.83 0.00	37.96 0.86 0.00	48.59 0.95 0.00	73.85 1.34 0.00	72.45 1.45 0.00	60.51 1.29 0.00	44.37 1.03 0.00	30.75 0.75 0.00
AUBURN___LFGE 323710	37.82 -0.71 0.00	36.16 -0.72 0.00	34.80 -0.79 0.00	32.95 -0.73 0.00	34.80 -0.60 0.00	40.30 -0.56 0.00	50.33 -0.65 0.00	139.18 -1.39 0.00	69.87 -0.91 0.00	35.84 -0.84 0.00	38.34 -0.98 0.00	34.85 -0.95 0.00	31.48 -0.90 0.00	27.35 -0.73 0.00	26.41 -0.71 0.00	27.70 -0.82 0.00	32.29 -0.96 0.00	36.19 -0.91 0.00	46.71 -0.93 0.00	71.44 -1.07 0.00	69.78 -1.22 0.00	57.91 -1.30 0.00	42.34 -1.00 0.00	29.40 -0.60 0.00
BABYLON_RES_REC 323704	40.61 2.08 0.00	38.90 2.01 0.00	37.46 1.87 0.00	35.38 1.71 0.00	36.82 1.42 0.00	42.27 1.41 0.00	52.53 1.55 0.00	144.72 4.15 0.00	72.89 2.12 0.00	37.99 1.31 0.00	40.64 1.32 0.00	36.68 0.88 0.00	32.98 0.60 0.00	28.73 0.65 0.00	27.79 0.67 0.00	29.47 0.96 0.00	34.49 1.23 0.00	38.33 1.22 0.00	48.87 1.23 0.00	73.79 1.28 0.00	73.02 2.02 0.00	62.00 2.78 0.00	45.71 2.37 0.00	31.74 1.75 0.00
BABYLON__69_KV_BK2 356345	41.02 2.49 0.00	39.29 2.40 0.00	37.84 2.24 0.00	35.74 2.06 0.00	37.16 1.76 0.00	42.62 1.76 0.00	52.92 1.94 0.00	145.67 5.09 0.00	73.36 2.58 0.00	38.45 1.76 0.00	41.23 1.91 0.00	37.29 1.49 0.00	33.57 1.18 0.00	29.25 1.16 0.00	28.28 1.15 0.00	30.02 1.50 0.00	35.17 1.92 0.00	39.10 2.00 0.00	49.86 2.22 0.00	75.25 2.74 0.00	74.14 3.14 0.00	62.59 3.37 0.00	46.16 2.82 0.00	32.06 2.07 0.00
BALL_HILL_WT_PWR 323825	35.03 -2.90 0.60	33.59 -2.90 0.40	32.81 -2.79 0.00	31.21 -2.46 0.00	32.55 -2.43 0.43	38.60 -2.26 0.00	47.98 -2.98 0.03	126.68 -7.29 6.61	61.60 -3.18 6.00	35.34 -1.34 0.00	38.17 -1.15 0.00	34.53 -1.27 0.00	31.12 -1.27 0.00	26.98 -1.10 0.00	26.05 -1.07 0.00	27.22 -1.29 0.00	31.54 -1.71 0.00	35.02 -2.09 0.00	44.80 -2.84 0.00	68.62 -3.89 0.00	66.49 -4.50 0.00	55.12 -4.09 0.00	40.12 -3.22 0.00	27.50 -2.49 0.00
BARON_WINDS___WT_PWR 323822	26.07 -3.47 8.99	27.69 -3.27 5.93	32.41 -3.14 0.05	30.78 -2.84 0.06	26.48 -2.92 6.01	37.85 -3.01 0.00	46.75 -3.79 0.44	24.91 -9.34 106.33	-30.03 -4.47 96.34	34.69 -1.99 0.00	37.22 -2.09 0.00	33.75 -2.05 0.00	30.48 -1.91 0.00	26.33 -1.75 0.00	25.41 -1.71 0.00	26.60 -1.91 0.00	30.89 -2.37 0.00	34.58 -2.53 0.00	44.94 -2.70 0.00	69.53 -2.98 0.00	67.63 -3.36 0.00	55.99 -3.22 0.00	40.78 -2.56 0.00	27.76 -2.23 0.00
BARRETT_IC_1 23704	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BARRETT_IC_10 23701	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BARRETT_IC_11 23702	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BARRETT_IC_12 23703	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BARRETT_IC_2 23705	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BARRETT_IC_3 23706	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BARRETT_IC_4 23707	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00

BARRETT_IC_5 23708	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BARRETT_IC_6 23709	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BARRETT_IC_7 23710	40.26 1.72 0.00	38.56 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.25 1.27 0.00	143.90 3.33 0.00	72.52 1.74 0.00	38.07 1.38 0.00	40.85 1.53 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.07 0.00	29.84 1.33 0.00	34.81 1.56 0.00	38.59 1.49 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.54 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BARRETT_IC_8 23711	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BARRETT_IC_9 23700	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BARRETT___1 23545	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BARRETT___2 23546	40.25 1.72 0.00	38.55 1.67 0.00	37.11 1.51 0.00	35.03 1.35 0.00	36.53 1.13 0.00	42.00 1.14 0.00	52.26 1.28 0.00	143.86 3.28 0.00	72.50 1.73 0.00	38.06 1.38 0.00	40.85 1.54 0.00	37.06 1.26 0.00	33.44 1.05 0.00	29.13 1.04 0.00	28.19 1.06 0.00	29.85 1.33 0.00	34.81 1.55 0.00	38.59 1.48 0.00	49.15 1.51 0.00	74.35 1.84 0.00	73.18 2.18 0.00	61.53 2.32 0.00	45.35 2.01 0.00	31.45 1.46 0.00
BATAVIA__115KV_TB1 55881	35.66 -2.19 0.69	34.28 -2.15 0.45	33.47 -2.12 0.00	31.79 -1.88 0.00	33.15 -1.80 0.46	39.17 -1.69 0.00	48.43 -2.52 0.03	125.61 -6.77 8.20	60.24 -3.08 7.45	34.85 -1.83 0.00	37.20 -2.11 0.00	33.75 -2.05 0.00	30.68 -1.70 0.00	26.47 -1.61 0.00	25.51 -1.61 0.00	26.69 -1.82 0.00	30.96 -2.29 0.00	34.51 -2.59 0.00	44.64 -3.01 0.00	68.77 -3.74 0.00	66.76 -4.24 0.00	55.48 -3.74 0.00	40.59 -2.75 0.00	28.15 -1.84 0.00
BAYONEEC___CTG1 323682	39.82 1.29 0.00	38.14 1.25 0.00	36.70 1.11 0.00	34.71 1.03 0.00	36.42 1.02 0.00	42.07 1.21 0.00	52.66 1.68 0.00	146.06 5.48 0.00	73.31 2.54 0.00	38.31 1.63 0.00	40.98 1.67 0.00	37.23 1.43 0.00	33.66 1.27 0.00	29.33 1.24 0.00	28.41 1.28 0.00	30.03 1.52 0.00	34.88 1.62 0.00	38.71 1.60 0.00	49.29 1.65 0.00	74.88 2.37 0.00	73.32 2.32 0.00	61.28 2.07 0.00	45.03 1.69 0.00	31.17 1.18 0.00
BAYONEEC___CTG10 323750	39.82 1.29 0.00	38.14 1.25 0.00	36.70 1.11 0.00	34.71 1.03 0.00	36.42 1.02 0.00	42.07 1.21 0.00	52.66 1.68 0.00	146.06 5.48 0.00	73.31 2.54 0.00	38.31 1.63 0.00	40.98 1.67 0.00	37.23 1.43 0.00	33.66 1.27 0.00	29.33 1.24 0.00	28.41 1.28 0.00	30.03 1.52 0.00	34.88 1.62 0.00	38.71 1.60 0.00	49.29 1.65 0.00	74.88 2.37 0.00	73.32 2.32 0.00	61.28 2.07 0.00	45.03 1.69 0.00	31.17 1.18 0.00
BAYONEEC___CTG2 323683	39.82 1.29 0.00	38.14 1.25 0.00	36.70 1.11 0.00	34.71 1.03 0.00	36.42 1.02 0.00	42.07 1.21 0.00	52.66 1.68 0.00	146.06 5.48 0.00	73.31 2.54 0.00	38.31 1.63 0.00	40.98 1.67 0.00	37.23 1.43 0.00	33.66 1.27 0.00	29.33 1.24 0.00	28.41 1.28 0.00	30.03 1.52 0.00	34.88 1.62 0.00	38.71 1.60 0.00	49.29 1.65 0.00	74.88 2.37 0.00	73.32 2.32 0.00	61.28 2.07 0.00	45.03 1.69 0.00	31.17 1.18 0.00
BAYONEEC___CTG3 323684	39.82 1.29 0.00	38.14 1.25 0.00	36.70 1.11 0.00	34.71 1.03 0.00	36.42 1.02 0.00	42.07 1.21 0.00	52.66 1.68 0.00	146.06 5.48 0.00	73.31 2.54 0.00	38.31 1.63 0.00	40.98 1.67 0.00	37.23 1.43 0.00	33.66 1.27 0.00	29.33 1.24 0.00	28.41 1.28 0.00	30.03 1.52 0.00	34.88 1.62 0.00	38.71 1.60 0.00	49.29 1.65 0.00	74.88 2.37 0.00	73.32 2.32 0.00	61.28 2.07 0.00	45.03 1.69 0.00	31.17 1.18 0.00
BAYONEEC___CTG4 323685	39.82 1.29 0.00	38.14 1.25 0.00	36.70 1.11 0.00	34.71 1.03 0.00	36.42 1.02 0.00	42.07 1.21 0.00	52.66 1.68 0.00	146.06 5.48 0.00	73.31 2.54 0.00	38.31 1.63 0.00	40.98 1.67 0.00	37.23 1.43 0.00	33.66 1.27 0.00	29.33 1.24 0.00	28.41 1.28 0.00	30.03 1.52 0.00	34.88 1.62 0.00	38.71 1.60 0.00	49.29 1.65 0.00	74.88 2.37 0.00	73.32 2.32 0.00	61.28 2.07 0.00	45.03 1.69 0.00	31.17 1.18 0.00
BAYONEEC___CTG5 323686	39.82 1.29 0.00	38.14 1.25 0.00	36.70 1.11 0.00	34.71 1.03 0.00	36.42 1.02 0.00	42.07 1.21 0.00	52.66 1.68 0.00	146.06 5.48 0.00	73.31 2.54 0.00	38.31 1.63 0.00	40.98 1.67 0.00	37.23 1.43 0.00	33.66 1.27 0.00	29.33 1.24 0.00	28.41 1.28 0.00	30.03 1.52 0.00	34.88 1.62 0.00	38.71 1.60 0.00	49.29 1.65 0.00	74.88 2.37 0.00	73.32 2.32 0.00	61.28 2.07 0.00	45.03 1.69 0.00	31.17 1.18 0.00
BAYONEEC___CTG6 323687	39.82 1.29 0.00	38.14 1.25 0.00	36.70 1.11 0.00	34.71 1.03 0.00	36.42 1.02 0.00	42.07 1.21 0.00	52.66 1.68 0.00	146.06 5.48 0.00	73.31 2.54 0.00	38.31 1.63 0.00	40.98 1.67 0.00	37.23 1.43 0.00	33.66 1.27 0.00	29.33 1.24 0.00	28.41 1.28 0.00	30.03 1.52 0.00	34.88 1.62 0.00	38.71 1.60 0.00	49.29 1.65 0.00	74.88 2.37 0.00	73.32 2.32 0.00	61.28 2.07 0.00	45.03 1.69 0.00	31.17 1.18 0.00

BAYONEEC___CTG7 323688	39.82 1.29 0.00	38.14 1.25 0.00	36.70 1.11 0.00	34.71 1.03 0.00	36.42 1.02 0.00	42.07 1.21 0.00	52.66 1.68 0.00	146.06 5.48 0.00	73.31 2.54 0.00	38.31 1.63 0.00	40.98 1.67 0.00	37.23 1.43 0.00	33.66 1.27 0.00	29.33 1.24 0.00	28.41 1.28 0.00	30.03 1.52 0.00	34.88 1.62 0.00	38.71 1.60 0.00	49.29 1.65 0.00	74.88 2.37 0.00	73.32 2.32 0.00	61.28 2.07 0.00	45.03 1.69 0.00	31.17 1.18 0.00
BAYONEEC___CTG8 323689	39.82 1.29 0.00	38.14 1.25 0.00	36.70 1.11 0.00	34.71 1.03 0.00	36.42 1.02 0.00	42.07 1.21 0.00	52.66 1.68 0.00	146.06 5.48 0.00	73.31 2.54 0.00	38.31 1.63 0.00	40.98 1.67 0.00	37.23 1.43 0.00	33.66 1.27 0.00	29.33 1.24 0.00	28.41 1.28 0.00	30.03 1.52 0.00	34.88 1.62 0.00	38.71 1.60 0.00	49.29 1.65 0.00	74.88 2.37 0.00	73.32 2.32 0.00	61.28 2.07 0.00	45.03 1.69 0.00	31.17 1.18 0.00
BAYONEEC___CTG9 323749	39.82 1.29 0.00	38.14 1.25 0.00	36.70 1.11 0.00	34.71 1.03 0.00	36.42 1.02 0.00	42.07 1.21 0.00	52.66 1.68 0.00	146.06 5.48 0.00	73.31 2.54 0.00	38.31 1.63 0.00	40.98 1.67 0.00	37.23 1.43 0.00	33.66 1.27 0.00	29.33 1.24 0.00	28.41 1.28 0.00	30.03 1.52 0.00	34.88 1.62 0.00	38.71 1.60 0.00	49.29 1.65 0.00	74.88 2.37 0.00	73.32 2.32 0.00	61.28 2.07 0.00	45.03 1.69 0.00	31.17 1.18 0.00
BEACON___LESR 323632	40.07 1.54 0.00	38.34 1.46 0.00	36.97 1.37 0.00	34.99 1.32 0.00	36.77 1.37 0.00	42.52 1.67 0.00	53.33 2.35 0.00	146.96 6.38 0.00	73.45 2.68 0.00	37.96 1.28 0.00	40.60 1.29 0.00	36.91 1.11 0.00	33.49 1.10 0.00	28.96 0.88 0.00	27.99 0.87 0.00	29.47 0.96 0.00	34.42 1.17 0.00	38.48 1.37 0.00	49.48 1.84 0.00	75.21 2.70 0.00	73.82 2.82 0.00	61.58 2.36 0.00	45.11 1.77 0.00	31.26 1.27 0.00
BEAVER RIVER___HYD 24048	37.82 -0.71 0.00	36.06 -0.82 0.00	34.76 -0.83 0.00	32.89 -0.79 0.00	34.61 -0.80 0.00	40.14 -0.72 0.00	50.66 -0.32 0.00	141.20 0.63 0.00	70.89 0.11 0.00	36.25 -0.43 0.00	38.32 -0.99 0.00	34.87 -0.93 0.00	31.70 -0.69 0.00	27.21 -0.87 0.00	26.29 -0.84 0.00	27.91 -0.60 0.00	32.84 -0.42 0.00	37.24 0.13 0.00	48.97 1.33 0.00	75.32 2.81 0.00	73.40 2.40 0.00	60.82 1.61 0.00	43.77 0.43 0.00	29.61 -0.38 0.00
BEEBEE_GT_13 23619	36.49 -2.05 0.00	34.88 -2.01 0.00	33.62 -1.98 0.00	31.89 -1.79 0.00	33.63 -1.77 0.00	39.01 -1.85 0.00	48.40 -2.58 0.00	132.23 -6.80 1.54	65.65 -3.24 1.89	34.89 -1.80 0.00	37.45 -1.87 0.00	34.08 -1.72 0.00	30.84 -1.54 0.00	26.72 -1.36 0.00	25.80 -1.33 0.00	27.05 -1.47 0.00	31.40 -1.85 0.00	34.95 -2.15 0.00	44.92 -2.72 0.00	68.69 -3.82 0.00	66.87 -4.14 0.00	55.58 -3.64 0.00	40.69 -2.65 0.00	28.23 -1.76 0.00
BENSHRST_27_KV_BENSHRST_1 355998	59.20 1.97 -18.70	58.86 1.90 -20.08	58.26 1.69 -20.97	58.22 1.63 -22.93	58.25 1.63 -21.21	58.78 1.90 -16.02	61.61 2.53 -8.10	148.44 7.86 0.00	88.47 3.83 -13.86	64.47 2.36 -25.43	60.19 2.45 -18.43	59.21 2.17 -21.24	59.10 1.93 -24.79	71.95 1.80 -42.07	59.04 1.82 -30.10	59.08 2.05 -28.53	64.14 2.29 -28.59	64.10 2.33 -24.67	66.57 2.51 -16.41	80.64 3.60 -4.53	89.86 3.55 -15.31	79.86 3.18 -17.47	60.46 2.50 -14.62	59.90 1.73 -28.18
BETHLEHEM___GRP 23843	39.72 1.19 0.00	38.03 1.14 0.00	36.68 1.09 0.00	34.70 1.03 0.00	36.47 1.07 0.00	42.06 1.20 0.00	52.58 1.60 0.00	145.07 4.50 0.00	72.74 1.96 0.00	37.66 0.98 0.00	40.29 0.98 0.00	36.69 0.90 0.00	33.20 0.82 0.00	28.80 0.71 0.00	27.85 0.73 0.00	29.31 0.79 0.00	34.20 0.94 0.00	38.15 1.04 0.00	48.95 1.31 0.00	74.36 1.84 0.00	72.98 1.98 0.00	60.96 1.74 0.00	44.68 1.34 0.00	30.98 0.98 0.00
BETHLEHEM___GS1 323560	39.72 1.18 0.00	38.03 1.14 0.00	36.69 1.09 0.00	34.70 1.02 0.00	36.47 1.07 0.00	42.06 1.20 0.00	52.59 1.60 0.00	145.05 4.48 0.00	72.73 1.96 0.00	37.66 0.98 0.00	40.29 0.98 0.00	36.69 0.89 0.00	33.20 0.82 0.00	28.80 0.71 0.00	27.85 0.72 0.00	29.30 0.79 0.00	34.19 0.93 0.00	38.15 1.04 0.00	48.95 1.31 0.00	74.35 1.84 0.00	72.97 1.98 0.00	60.96 1.74 0.00	44.67 1.33 0.00	30.98 0.98 0.00
BETHLEHEM___GS2 323561	39.72 1.18 0.00	38.03 1.14 0.00	36.69 1.09 0.00	34.70 1.02 0.00	36.47 1.07 0.00	42.06 1.20 0.00	52.59 1.60 0.00	145.05 4.48 0.00	72.73 1.96 0.00	37.66 0.98 0.00	40.29 0.98 0.00	36.69 0.89 0.00	33.20 0.82 0.00	28.80 0.71 0.00	27.85 0.72 0.00	29.30 0.79 0.00	34.19 0.93 0.00	38.15 1.04 0.00	48.95 1.31 0.00	74.35 1.84 0.00	72.97 1.98 0.00	60.96 1.74 0.00	44.67 1.33 0.00	30.98 0.98 0.00
BETHLEHEM___GS3 323562	39.72 1.18 0.00	38.03 1.14 0.00	36.69 1.09 0.00	34.70 1.02 0.00	36.47 1.07 0.00	42.06 1.20 0.00	52.59 1.60 0.00	145.05 4.48 0.00	72.73 1.96 0.00	37.66 0.98 0.00	40.29 0.98 0.00	36.69 0.89 0.00	33.20 0.82 0.00	28.80 0.71 0.00	27.85 0.72 0.00	29.30 0.79 0.00	34.19 0.93 0.00	38.15 1.04 0.00	48.95 1.31 0.00	74.35 1.84 0.00	72.97 1.98 0.00	60.96 1.74 0.00	44.67 1.33 0.00	30.98 0.98 0.00
BETHLEHEM___STEEL 23779	35.19 -2.66 0.68	33.80 -2.64 0.45	33.05 -2.54 0.00	31.42 -2.25 0.00	32.72 -2.23 0.45	38.67 -2.19 0.00	47.66 -3.28 0.03	123.11 -9.26 8.21	59.05 -4.22 7.50	34.77 -1.91 0.00	37.50 -1.82 0.00	34.05 -1.75 0.00	30.83 -1.55 0.00	26.72 -1.36 0.00	25.80 -1.32 0.00	27.05 -1.46 0.00	31.33 -1.93 0.00	34.70 -2.41 0.00	44.31 -3.33 0.00	67.76 -4.76 0.00	65.74 -5.26 0.00	54.60 -4.61 0.00	40.03 -3.31 0.00	27.74 -2.25 0.00
BETHLHEM_115KV_TB1 79974	39.66 1.12 0.00	37.96 1.08 0.00	36.63 1.04 0.00	34.65 0.98 0.00	36.41 1.01 0.00	41.99 1.13 0.00	52.49 1.51 0.00	144.83 4.25 0.00	72.63 1.85 0.00	37.61 0.92 0.00	40.24 0.93 0.00	36.65 0.85 0.00	33.16 0.77 0.00	28.77 0.69 0.00	27.82 0.69 0.00	29.26 0.75 0.00	34.15 0.89 0.00	38.09 0.98 0.00	48.87 1.23 0.00	74.26 1.75 0.00	72.87 1.87 0.00	60.85 1.64 0.00	44.61 1.27 0.00	30.94 0.94 0.00
BETHPAGE_CC_5 323564	40.48 1.95 0.00	38.77 1.88 0.00	37.32 1.73 0.00	35.26 1.59 0.00	36.74 1.34 0.00	42.21 1.35 0.00	52.50 1.51 0.00	144.70 4.12 0.00	72.92 2.14 0.00	38.22 1.54 0.00	40.98 1.67 0.00	37.12 1.32 0.00	33.48 1.09 0.00	29.17 1.09 0.00	28.22 1.10 0.00	29.91 1.39 0.00	34.95 1.69 0.00	38.80 1.69 0.00	49.42 1.78 0.00	74.70 2.19 0.00	73.49 2.49 0.00	61.88 2.67 0.00	45.59 2.25 0.00	31.65 1.66 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.35 -2.56 0.63	33.95 -2.52 0.41	33.16 -2.43 0.00	31.54 -2.13 0.00	32.87 -2.12 0.42	38.82 -2.04 0.00	47.91 -3.05 0.03	124.40 -8.60 7.58	59.97 -3.90 6.91	34.95 -1.73 0.00	37.68 -1.63 0.00	34.20 -1.60 0.00	30.97 -1.42 0.00	26.84 -1.24 0.00	25.92 -1.20 0.00	27.17 -1.34 0.00	31.47 -1.79 0.00	34.86 -2.25 0.00	44.53 -3.11 0.00	68.12 -4.40 0.00	66.09 -4.91 0.00	54.87 -4.35 0.00	40.24 -3.10 0.00	27.87 -2.13 0.00

BINGHAMTON___COGEN 23790	37.74 -0.79 0.00	36.07 -0.81 0.00	34.84 -0.76 0.00	33.02 -0.66 0.00	34.75 -0.66 0.00	40.25 -0.61 0.00	50.22 -0.76 0.00	138.93 -1.65 0.00	69.80 -0.98 0.00	36.14 -0.54 0.00	38.75 -0.56 0.00	35.21 -0.59 0.00	31.81 -0.57 0.00	27.58 -0.50 0.00	26.66 -0.47 0.00	28.00 -0.51 0.00	32.62 -0.63 0.00	36.39 -0.72 0.00	46.73 -0.90 0.00	71.43 -1.09 0.00	69.80 -1.20 0.00	58.07 -1.14 0.00	42.53 -0.81 0.00	29.38 -0.62 0.00
BIXINCNT_115KV_LOAD 355685	34.85 -3.34 0.34	33.47 -3.19 0.22	32.80 -2.79 0.00	31.24 -2.43 0.00	32.60 -2.58 0.23	38.55 -2.31 0.00	48.35 -2.61 0.02	130.28 -6.54 3.75	64.74 -2.73 3.30	35.57 -1.11 0.00	38.42 -0.89 0.00	34.82 -0.98 0.00	31.45 -0.93 0.00	27.19 -0.90 0.00	26.25 -0.88 0.00	27.46 -1.05 0.00	31.68 -1.58 0.00	35.17 -1.93 0.00	45.20 -2.45 0.00	69.40 -3.12 0.00	67.19 -3.81 0.00	55.71 -3.51 0.00	40.98 -2.37 0.00	28.04 -1.96 0.00
BLACK RIVER___HYD 24047	37.52 -1.02 0.00	35.79 -1.10 0.00	34.49 -1.10 0.00	32.65 -1.03 0.00	34.41 -0.99 0.00	39.97 -0.89 0.00	50.53 -0.45 0.00	141.13 0.56 0.00	70.67 -0.11 0.00	35.92 -0.77 0.00	37.76 -1.55 0.00	34.33 -1.47 0.00	31.27 -1.12 0.00	26.79 -1.29 0.00	25.88 -1.25 0.00	27.45 -1.06 0.00	32.29 -0.97 0.00	36.81 -0.30 0.00	48.91 1.27 0.00	75.62 3.11 0.00	73.66 2.66 0.00	60.90 1.69 0.00	43.73 0.39 0.00	29.48 -0.52 0.00
BLACKRVR_115KV_TB2 79977	37.52 -1.02 0.00	35.79 -1.10 0.00	34.49 -1.10 0.00	32.65 -1.03 0.00	34.41 -0.99 0.00	39.97 -0.89 0.00	50.52 -0.46 0.00	141.13 0.56 0.00	70.67 -0.11 0.00	35.92 -0.77 0.00	37.77 -1.55 0.00	34.33 -1.47 0.00	31.27 -1.12 0.00	26.79 -1.29 0.00	25.88 -1.25 0.00	27.45 -1.06 0.00	32.30 -0.96 0.00	36.82 -0.29 0.00	48.91 1.27 0.00	75.62 3.11 0.00	73.66 2.66 0.00	60.90 1.68 0.00	43.73 0.39 0.00	29.48 -0.52 0.00
BLISS_WT_PWR 323608	34.46 -3.73 0.34	33.12 -3.55 0.22	32.53 -3.07 0.00	30.97 -2.70 0.00	32.30 -2.88 0.23	38.30 -2.56 0.00	48.20 -2.76 0.02	130.16 -6.67 3.75	64.77 -2.70 3.30	35.58 -1.10 0.00	38.45 -0.86 0.00	34.85 -0.95 0.00	31.47 -0.91 0.00	27.20 -0.89 0.00	26.24 -0.88 0.00	27.43 -1.09 0.00	31.66 -1.60 0.00	35.14 -1.97 0.00	45.21 -2.43 0.00	69.47 -3.05 0.00	67.22 -3.78 0.00	55.68 -3.54 0.00	40.98 -2.36 0.00	27.96 -2.04 0.00
BLUESTONE___WT_PWR 323821	37.51 -1.02 0.00	35.94 -0.95 0.00	35.01 -0.59 0.00	33.02 -0.65 0.00	34.78 -0.63 0.00	40.38 -0.48 0.00	50.79 -0.20 0.00	141.62 1.04 0.00	71.44 0.66 0.00	37.25 0.57 0.00	39.60 0.29 0.00	36.02 0.23 0.00	32.44 0.05 0.00	27.97 -0.11 0.00	26.92 -0.21 0.00	28.47 -0.04 0.00	33.46 0.20 0.00	37.85 0.74 0.00	49.20 1.56 0.00	75.46 2.95 0.00	73.38 2.38 0.00	60.08 0.87 0.00	43.54 0.20 0.00	29.61 -0.38 0.00
BLUE_CIRC_CHEM_DRP 24182	39.75 1.22 0.00	38.07 1.19 0.00	36.74 1.15 0.00	34.76 1.09 0.00	36.55 1.15 0.00	42.17 1.31 0.00	52.69 1.71 0.00	145.31 4.73 0.00	72.69 1.91 0.00	37.46 0.78 0.00	40.05 0.74 0.00	36.53 0.74 0.00	33.03 0.65 0.00	28.65 0.57 0.00	27.69 0.56 0.00	29.12 0.61 0.00	34.01 0.75 0.00	38.08 0.97 0.00	49.01 1.37 0.00	74.50 2.00 0.00	73.05 2.05 0.00	60.98 1.77 0.00	44.68 1.35 0.00	30.98 0.98 0.00
BOC_GAS_DRP 24189	39.35 0.81 0.00	37.69 0.81 0.00	36.35 0.75 0.00	34.39 0.71 0.00	36.14 0.74 0.00	41.67 0.81 0.00	52.07 1.09 0.00	143.68 3.10 0.00	72.12 1.34 0.00	37.37 0.69 0.00	40.00 0.69 0.00	36.45 0.65 0.00	32.98 0.60 0.00	28.63 0.54 0.00	27.68 0.56 0.00	29.11 0.60 0.00	33.94 0.68 0.00	37.84 0.73 0.00	48.51 0.87 0.00	73.72 1.20 0.00	72.31 1.32 0.00	60.39 1.18 0.00	44.28 0.94 0.00	30.70 0.70 0.00
BOONVILLE_115KV_TB1 79983	38.62 0.09 0.00	36.87 -0.02 0.00	35.56 -0.04 0.00	33.65 -0.02 0.00	35.40 0.00 0.00	41.04 0.18 0.00	51.64 0.66 0.00	143.45 2.88 0.00	71.98 1.21 0.00	36.94 0.25 0.00	39.31 -0.01 0.00	35.79 -0.01 0.00	32.38 0.00 0.00	27.96 -0.13 0.00	27.03 -0.10 0.00	28.56 0.04 0.00	33.48 0.22 0.00	37.72 0.62 0.00	49.03 1.39 0.00	75.06 2.55 0.00	73.31 2.31 0.00	60.90 1.69 0.00	44.17 0.83 0.00	30.22 0.23 0.00
BORALEX_4TH_BRANCH 23824	40.26 1.72 0.00	38.57 1.68 0.00	37.19 1.60 0.00	35.16 1.49 0.00	36.91 1.50 0.00	42.59 1.73 0.00	53.27 2.29 0.00	146.35 5.78 0.00	73.21 2.43 0.00	37.81 1.13 0.00	40.53 1.22 0.00	36.94 1.14 0.00	33.41 1.03 0.00	28.95 0.87 0.00	28.03 0.90 0.00	29.50 0.98 0.00	34.41 1.15 0.00	38.37 1.27 0.00	49.30 1.66 0.00	74.73 2.21 0.00	73.72 2.72 0.00	61.71 2.49 0.00	45.30 1.96 0.00	31.49 1.50 0.00
BOWLINE___1 23526	39.49 0.96 0.00	37.79 0.91 0.00	36.43 0.83 0.00	34.43 0.76 0.00	36.10 0.70 0.00	41.72 0.86 0.00	52.24 1.26 0.00	144.61 4.03 0.00	72.60 1.82 0.00	37.79 1.11 0.00	40.38 1.07 0.00	36.69 0.88 0.00	33.17 0.78 0.00	28.89 0.80 0.00	27.97 0.84 0.00	29.52 1.00 0.00	34.37 1.11 0.00	38.23 1.12 0.00	48.79 1.15 0.00	74.16 1.64 0.00	72.74 1.74 0.00	60.76 1.54 0.00	44.58 1.24 0.00	30.83 0.84 0.00
BOWLINE___2 23595	39.50 0.97 0.00	37.79 0.91 0.00	36.43 0.83 0.00	34.43 0.76 0.00	36.11 0.71 0.00	41.72 0.86 0.00	52.24 1.26 0.00	144.62 4.04 0.00	72.60 1.82 0.00	37.79 1.11 0.00	40.38 1.07 0.00	36.69 0.88 0.00	33.17 0.78 0.00	28.89 0.80 0.00	27.97 0.84 0.00	29.52 1.00 0.00	34.37 1.11 0.00	38.23 1.12 0.00	48.79 1.15 0.00	74.16 1.64 0.00	72.74 1.74 0.00	60.76 1.54 0.00	44.58 1.24 0.00	30.83 0.84 0.00
BRADY___115KV_TB2 356060	40.10 1.57 0.00	38.39 1.51 0.00	37.05 1.46 0.00	35.05 1.37 0.00	36.84 1.43 0.00	42.57 1.71 0.00	52.84 1.86 0.00	145.23 4.65 0.00	73.40 2.62 0.00	37.94 1.26 0.00	40.39 1.08 0.00	36.65 0.85 0.00	33.19 0.81 0.00	28.71 0.63 0.00	27.70 0.58 0.00	29.19 0.67 0.00	34.30 1.05 0.00	38.43 1.32 0.00	49.74 2.10 0.00	75.86 3.35 0.00	74.02 3.02 0.00	61.63 2.42 0.00	44.90 1.56 0.00	30.91 0.91 0.00
BRANSCOMB___SOLAR 323811	40.46 1.92 0.00	38.73 1.85 0.00	37.30 1.71 0.00	35.25 1.57 0.00	36.97 1.56 0.00	42.65 1.79 0.00	53.42 2.44 0.00	147.31 6.73 0.00	73.52 2.74 0.00	37.75 1.07 0.00	40.25 0.94 0.00	36.66 0.85 0.00	33.07 0.69 0.00	28.64 0.55 0.00	27.69 0.56 0.00	29.16 0.64 0.00	34.17 0.91 0.00	38.32 1.22 0.00	49.46 1.82 0.00	75.19 2.68 0.00	73.89 2.89 0.00	61.62 2.40 0.00	45.12 1.78 0.00	31.32 1.33 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.88 2.35 0.00	39.19 2.30 0.00	37.72 2.13 0.00	35.64 1.97 0.00	37.04 1.63 0.00	42.42 1.56 0.00	52.62 1.64 0.00	144.50 3.92 0.00	72.88 2.11 0.00	38.32 1.64 0.00	41.11 1.80 0.00	37.23 1.43 0.00	33.56 1.18 0.00	29.23 1.15 0.00	28.26 1.13 0.00	29.99 1.48 0.00	35.15 1.89 0.00	39.03 1.93 0.00	49.73 2.09 0.00	74.86 2.34 0.00	73.74 2.74 0.00	62.26 3.05 0.00	45.97 2.63 0.00	31.96 1.97 0.00



BRISTLHL_115KV_TB1 79998	36.98 -1.55 0.00	35.38 -1.51 0.00	34.16 -1.43 0.00	32.33 -1.34 0.00	34.03 -1.37 0.00	39.28 -1.58 0.00	48.99 -2.00 0.00	135.42 -5.16 0.00	68.08 -2.70 0.00	35.17 -1.51 0.00	37.75 -1.56 0.00	34.40 -1.40 0.00	31.12 -1.27 0.00	26.94 -1.14 0.00	25.99 -1.14 0.00	27.26 -1.25 0.00	31.76 -1.50 0.00	35.51 -1.60 0.00	45.69 -1.95 0.00	69.72 -2.79 0.00	68.16 -2.84 0.00	56.77 -2.45 0.00	41.51 -1.82 0.00	28.80 -1.20 0.00
BROOKHAVEN___DRP 24191	40.84 2.31 0.00	39.18 2.30 0.00	37.77 2.17 0.00	35.63 1.96 0.00	36.92 1.52 0.00	42.00 1.14 0.00	51.70 0.72 0.00	141.74 1.17 0.00	71.33 0.55 0.00	37.71 1.03 0.00	40.70 1.39 0.00	36.86 1.06 0.00	33.19 0.81 0.00	28.91 0.83 0.00	27.88 0.75 0.00	29.61 1.10 0.00	34.87 1.62 0.00	38.76 1.65 0.00	49.30 1.66 0.00	73.62 1.11 0.00	72.65 1.65 0.00	61.64 2.42 0.00	45.64 2.29 0.00	31.93 1.93 0.00
BROOKLYN_NAVY_YARD 23515	39.79 1.25 0.00	38.10 1.22 0.00	36.66 1.07 0.00	34.67 1.00 0.00	36.37 0.97 0.00	42.03 1.17 0.00	52.61 1.63 0.00	145.98 5.40 0.00	73.27 2.50 0.00	38.29 1.61 0.00	40.98 1.66 0.00	37.24 1.45 0.00	33.67 1.29 0.00	29.34 1.25 0.00	28.41 1.29 0.00	30.03 1.51 0.00	34.87 1.61 0.00	38.69 1.58 0.00	49.28 1.64 0.00	74.85 2.34 0.00	73.27 2.27 0.00	61.23 2.02 0.00	44.99 1.65 0.00	31.15 1.16 0.00
BROOKLYN___ARMY_DRP 323595	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.84 -17.47	60.23 2.27 -14.62	59.75 1.57 -28.18
BROOKVLE_69_KV_TB1 55790	40.59 2.05 0.00	38.86 1.98 0.00	37.41 1.81 0.00	35.34 1.67 0.00	36.89 1.48 0.00	42.45 1.59 0.00	52.89 1.91 0.00	145.97 5.39 0.00	73.49 2.72 0.00	38.49 1.81 0.00	41.24 1.93 0.00	37.41 1.61 0.00	33.75 1.37 0.00	29.40 1.32 0.00	28.45 1.33 0.00	30.13 1.62 0.00	35.18 1.93 0.00	39.07 1.96 0.00	49.75 2.11 0.00	75.31 2.80 0.00	74.01 3.01 0.00	62.17 2.95 0.00	45.75 2.41 0.00	31.72 1.72 0.00
BROOME_2_LFGE 323671	37.74 -0.79 0.00	36.07 -0.82 0.00	34.84 -0.76 0.00	33.02 -0.66 0.00	34.75 -0.66 0.00	40.26 -0.66 0.00	50.22 -0.76 0.00	138.93 -1.65 0.00	69.82 -0.96 0.00	36.14 -0.54 0.00	38.75 -0.56 0.00	35.21 -0.59 0.00	31.81 -0.57 0.00	27.58 -0.50 0.00	26.66 -0.47 0.00	28.00 -0.51 0.00	32.62 -0.63 0.00	36.39 -0.72 0.00	46.74 -0.90 0.00	71.43 -1.09 0.00	69.79 -1.20 0.00	58.08 -1.14 0.00	42.53 -0.81 0.00	29.38 -0.62 0.00
BROOME___LFGE 323600	37.74 -0.79 0.00	36.07 -0.82 0.00	34.84 -0.76 0.00	33.02 -0.66 0.00	34.75 -0.66 0.00	40.26 -0.60 0.00	50.22 -0.76 0.00	138.93 -1.65 0.00	69.82 -0.96 0.00	36.14 -0.54 0.00	38.75 -0.56 0.00	35.21 -0.59 0.00	31.81 -0.57 0.00	27.58 -0.50 0.00	26.66 -0.47 0.00	28.00 -0.51 0.00	32.62 -0.63 0.00	36.39 -0.72 0.00	46.74 -0.90 0.00	71.43 -1.09 0.00	69.79 -1.20 0.00	58.08 -1.14 0.00	42.53 -0.81 0.00	29.38 -0.62 0.00
BROWNFLS_115KV_TB_3_5 80003	38.44 -0.10 0.00	36.73 -0.16 0.00	35.43 -0.16 0.00	33.51 -0.17 0.00	35.17 -0.23 0.00	40.67 -0.18 0.00	50.94 -0.05 0.00	141.08 0.50 0.00	71.08 0.30 0.00	36.55 -0.13 0.00	38.84 -0.48 0.00	35.29 -0.51 0.00	32.01 -0.37 0.00	27.57 -0.52 0.00	26.62 -0.50 0.00	28.17 -0.35 0.00	33.13 -0.13 0.00	37.36 0.25 0.00	48.79 1.15 0.00	74.74 2.23 0.00	72.87 1.87 0.00	60.52 1.30 0.00	43.76 0.42 0.00	29.82 -0.18 0.00
BROWNSV1_27_KV_LOAD 356125	40.23 1.69 0.00	38.52 1.63 0.00	37.06 1.46 0.00	35.04 1.37 0.00	36.77 1.37 0.00	42.50 1.65 0.00	53.23 2.25 0.00	147.73 7.16 0.00	74.17 3.40 0.00	38.75 2.06 0.00	41.44 2.13 0.00	37.65 1.85 0.00	34.02 1.63 0.00	29.64 1.55 0.00	28.70 1.57 0.00	30.34 1.83 0.00	35.25 1.99 0.00	39.10 2.00 0.00	49.81 2.17 0.00	75.76 3.25 0.00	74.17 3.17 0.00	61.98 2.76 0.00	45.50 2.16 0.00	31.48 1.49 0.00
BURROWS___LYONSDAL 23803	38.30 -0.23 0.00	36.57 -0.32 0.00	35.25 -0.35 0.00	33.37 -0.31 0.00	35.09 -0.31 0.00	40.70 -0.16 0.00	51.30 0.32 0.00	142.71 2.13 0.00	71.62 0.85 0.00	36.73 0.04 0.00	39.02 -0.29 0.00	35.53 -0.27 0.00	32.20 -0.19 0.00	27.76 -0.33 0.00	26.83 -0.30 0.00	28.39 -0.12 0.00	33.33 0.07 0.00	37.61 0.50 0.00	49.02 1.38 0.00	75.13 2.62 0.00	73.34 2.34 0.00	60.86 1.65 0.00	44.02 0.68 0.00	30.01 0.02 0.00
CAITHNESS_CC_1 323624	40.74 2.20 0.00	39.07 2.18 0.00	37.66 2.06 0.00	35.55 1.88 0.00	36.85 1.45 0.00	41.96 1.10 0.00	51.73 0.75 0.00	141.91 1.34 0.00	71.44 0.66 0.00	37.73 1.05 0.00	40.68 1.36 0.00	36.85 1.05 0.00	33.19 0.80 0.00	28.91 0.82 0.00	27.90 0.77 0.00	29.62 1.11 0.00	34.84 1.58 0.00	38.69 1.58 0.00	49.23 1.59 0.00	73.66 1.15 0.00	72.64 1.64 0.00	61.55 2.34 0.00	45.56 2.23 0.00	31.85 1.86 0.00
CALPINE BETH_PAGE_GT4 24209	40.40 1.86 0.00	38.68 1.80 0.00	37.24 1.64 0.00	35.19 1.51 0.00	36.66 1.26 0.00	42.14 1.28 0.00	52.42 1.44 0.00	144.49 3.92 0.00	72.79 2.02 0.00	38.19 1.50 0.00	40.93 1.61 0.00	37.09 1.29 0.00	33.46 1.07 0.00	29.15 1.07 0.00	28.21 1.08 0.00	29.89 1.37 0.00	34.92 1.66 0.00	38.75 1.64 0.00	49.36 1.72 0.00	74.60 2.08 0.00	73.36 2.36 0.00	61.76 2.54 0.00	45.49 2.16 0.00	31.58 1.58 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.39 1.86 0.00	38.68 1.79 0.00	37.24 1.65 0.00	35.19 1.52 0.00	36.66 1.26 0.00	42.13 1.27 0.00	52.42 1.44 0.00	144.45 3.87 0.00	72.79 2.01 0.00	38.19 1.50 0.00	40.93 1.62 0.00	37.10 1.30 0.00	33.46 1.07 0.00	29.15 1.06 0.00	28.21 1.08 0.00	29.89 1.37 0.00	34.91 1.66 0.00	38.74 1.64 0.00	49.36 1.72 0.00	74.59 2.08 0.00	73.36 2.36 0.00	61.76 2.54 0.00	45.50 2.16 0.00	31.58 1.58 0.00
CALPINE_BP_GT1 23823	40.39 1.86 0.00	38.68 1.79 0.00	37.24 1.65 0.00	35.19 1.52 0.00	36.66 1.26 0.00	42.13 1.27 0.00	52.42 1.44 0.00	144.45 3.87 0.00	72.79 2.01 0.00	38.19 1.50 0.00	40.93 1.62 0.00	37.10 1.30 0.00	33.46 1.07 0.00	29.15 1.06 0.00	28.21 1.08 0.00	29.89 1.37 0.00	34.91 1.66 0.00	38.74 1.64 0.00	49.36 1.72 0.00	74.59 2.08 0.00	73.36 2.36 0.00	61.76 2.54 0.00	45.50 2.16 0.00	31.58 1.58 0.00
CALSPAN___DRP 24200	35.19 -2.66 0.68	33.80 -2.64 0.45	33.05 -2.54 0.00	31.42 -2.25 0.00	32.72 -2.23 0.45	38.67 -2.19 0.00	47.66 -3.28 0.03	123.11 -9.26 8.21	59.05 -4.22 7.50	34.77 -1.91 0.00	37.50 -1.82 0.00	34.05 -1.75 0.00	30.83 -1.55 0.00	26.72 -1.36 0.00	25.80 -1.32 0.00	27.05 -1.46 0.00	31.33 -1.93 0.00	34.70 -2.41 0.00	44.31 -3.33 0.00	67.76 -4.76 0.00	65.74 -5.26 0.00	54.60 -4.61 0.00	40.03 -3.31 0.00	27.74 -2.25 0.00

CALVERTON___SOLAR 323806	40.95 2.42 0.00	39.30 -2.41 0.00	37.89 2.30 0.00	35.74 2.06 0.00	36.99 1.59 0.00	42.03 1.17 0.00	51.68 0.70 0.00	141.53 0.95 0.00	71.22 0.44 0.00	37.68 1.00 0.00	40.70 1.38 0.00	36.85 1.05 0.00	33.17 0.78 0.00	28.89 0.80 0.00	27.84 0.71 0.00	29.59 1.07 0.00	34.88 1.63 0.00	38.77 1.66 0.00	49.35 1.71 0.00	73.59 1.07 0.00	72.65 1.65 0.00	61.70 2.49 0.00	45.71 2.37 0.00	31.99 2.00 0.00
CANDIGU_WT_PWR 323617	26.07 -3.47 8.99	27.69 -3.27 5.93	32.41 -3.14 0.05	30.78 -2.84 0.06	26.48 -2.92 6.01	37.85 -3.01 0.00	46.75 -3.79 0.44	24.91 -9.34 106.33	-30.03 -4.47 96.34	34.69 -1.99 0.00	37.22 -2.09 0.00	33.75 -2.05 0.00	30.48 -1.91 0.00	26.33 -1.75 0.00	25.41 -1.71 0.00	26.60 -1.91 0.00	30.89 -2.37 0.00	34.58 -2.53 0.00	44.94 -2.70 0.00	69.53 -2.98 0.00	67.63 -3.36 0.00	55.99 -3.22 0.00	40.78 -2.56 0.00	27.76 -2.23 0.00
CARR STREET_E_SYR 24060	37.29 -1.24 0.00	35.67 -1.21 0.00	34.44 -1.16 0.00	32.61 -1.07 0.00	34.32 -1.09 0.00	39.63 -1.22 0.00	49.42 -1.56 0.00	136.69 -3.88 0.00	68.73 -2.05 0.00	35.51 -1.18 0.00	38.12 -1.19 0.00	34.74 -1.06 0.00	31.41 -0.97 0.00	27.22 -0.86 0.00	26.26 -0.87 0.00	27.55 -0.96 0.00	32.08 -1.18 0.00	35.82 -1.29 0.00	46.06 -1.58 0.00	70.26 -2.25 0.00	68.68 -2.32 0.00	57.20 -2.02 0.00	41.84 -1.50 0.00	29.01 -0.98 0.00
CARTHAGE___PAPER 23857	38.05 -0.48 0.00	36.29 -0.60 0.00	34.97 -0.63 0.00	33.09 -0.58 0.00	34.86 -0.54 0.00	40.48 -0.38 0.00	51.14 0.16 0.00	142.61 2.04 0.00	71.49 0.71 0.00	36.41 -0.27 0.00	38.33 -0.99 0.00	34.83 -0.97 0.00	31.69 -0.70 0.00	27.17 -0.92 0.00	26.24 -0.88 0.00	27.86 -0.65 0.00	32.81 -0.45 0.00	37.34 0.24 0.00	49.43 1.79 0.00	76.23 3.72 0.00	74.25 3.25 0.00	61.45 2.24 0.00	44.16 0.82 0.00	29.83 -0.17 0.00
CASSADAGA_WT_PWR 323784	34.80 -3.38 0.35	33.32 -3.33 0.23	32.42 -3.18 0.00	30.91 -2.77 0.00	32.55 -2.60 0.26	38.76 -2.10 0.00	48.51 -2.45 0.02	131.34 -5.20 4.03	65.46 -1.72 3.60	36.25 -0.43 0.00	39.21 -0.10 0.00	35.42 -0.38 0.00	31.74 -0.65 0.00	27.50 -0.58 0.00	26.42 -0.70 0.00	27.50 -1.01 0.00	31.85 -1.41 0.00	35.53 -1.58 0.00	45.59 -2.05 0.00	69.77 -2.74 0.00	67.35 -3.65 0.00	55.63 -3.59 0.00	40.00 -3.34 0.00	27.17 -2.83 0.00
CE_DUNWOOD___DRP 24194	39.80 1.27 0.00	38.10 1.22 0.00	36.71 1.12 0.00	34.71 1.03 0.00	36.39 0.99 0.00	42.02 1.16 0.00	52.59 1.61 0.00	145.66 5.08 0.00	73.12 2.35 0.00	38.12 1.44 0.00	40.77 1.45 0.00	37.05 1.25 0.00	33.49 1.11 0.00	29.17 1.08 0.00	28.25 1.12 0.00	29.82 1.30 0.00	34.70 1.44 0.00	38.55 1.44 0.00	49.19 1.55 0.00	74.72 2.21 0.00	73.24 2.24 0.00	61.23 2.01 0.00	44.94 1.60 0.00	31.11 1.12 0.00
CE_MILLWOOD___DRP 24193	39.69 1.15 0.00	37.99 1.10 0.00	36.61 1.01 0.00	34.60 0.93 0.00	36.29 0.88 0.00	41.90 1.04 0.00	52.46 1.47 0.00	145.24 4.67 0.00	72.91 2.14 0.00	37.98 1.30 0.00	40.61 1.30 0.00	36.90 1.10 0.00	33.36 0.98 0.00	29.05 0.97 0.00	28.14 1.01 0.00	29.69 1.18 0.00	34.56 1.31 0.00	38.42 1.31 0.00	49.02 1.38 0.00	74.49 1.98 0.00	73.04 2.04 0.00	61.04 1.83 0.00	44.79 1.45 0.00	31.00 1.00 0.00
CE_NYC2_DRP 24202	40.04 1.50 0.00	38.37 1.49 0.00	36.92 1.32 0.00	34.93 1.26 0.00	36.65 1.24 0.00	42.26 1.40 0.00	52.89 1.91 0.00	146.72 6.14 0.00	73.71 2.93 0.00	38.56 1.88 0.00	41.26 1.94 0.00	37.51 1.71 -0.01	35.11 1.52 -1.21	31.73 1.45 -2.20	30.18 1.48 -1.58	31.71 1.71 -1.49	36.46 1.87 -1.33	39.36 1.84 -0.41	49.54 1.90 0.00	75.22 2.71 0.00	73.68 2.68 0.00	61.60 2.38 0.00	45.27 1.93 0.00	31.35 1.36 0.00
CE_NYC_DRP 24195	39.89 1.35 0.00	38.20 1.31 0.00	36.76 1.16 0.00	34.77 1.10 0.00	36.47 1.07 0.00	42.14 1.28 0.00	52.76 1.77 0.00	146.35 5.77 0.00	73.47 2.70 0.00	38.39 1.71 0.00	41.07 1.76 0.00	37.32 1.52 0.00	33.74 1.36 0.00	29.39 1.31 0.00	28.47 1.34 0.00	30.10 1.59 0.00	34.97 1.71 0.00	38.79 1.68 0.00	49.40 1.76 0.00	75.04 2.53 0.00	73.47 2.48 0.00	61.42 2.20 0.00	45.11 1.77 0.00	31.22 1.23 0.00
CHAFFEE___LFGE 323603	35.68 -2.35 0.51	34.20 -2.35 0.33	33.31 -2.28 0.00	31.67 -2.00 0.00	33.10 -1.97 0.34	38.99 -1.87 0.00	48.10 -2.86 0.03	126.12 -8.30 6.16	61.22 -3.92 5.63	35.39 -1.29 0.00	38.29 -1.02 0.00	34.17 -1.63 0.00	31.05 -1.33 0.00	27.34 -0.75 0.00	26.45 -0.68 0.00	27.73 -0.78 0.00	31.96 -1.30 0.00	35.23 -1.88 0.00	45.05 -2.59 0.00	69.28 -3.23 0.00	67.34 -3.65 0.00	55.89 -3.32 0.00	41.12 -2.22 0.00	28.39 -1.60 0.00
CHATEAUG_35_KV_LOAD 355732	39.82 1.29 0.00	38.16 1.27 0.00	36.80 1.20 0.00	34.75 1.08 0.00	36.56 1.15 0.00	42.17 1.31 0.00	52.44 1.46 0.00	144.08 3.51 0.00	73.01 2.23 0.00	37.81 1.13 0.00	40.55 1.24 0.00	36.64 0.84 0.00	33.12 0.73 0.00	28.55 0.46 0.00	27.57 0.45 0.00	29.09 0.58 0.00	34.25 0.99 0.00	38.45 1.34 0.00	49.52 1.88 0.00	75.42 2.90 0.00	73.79 2.79 0.00	61.51 2.29 0.00	44.82 1.48 0.00	30.67 0.68 0.00
CHATEAUG_WT_PWR 323614	39.72 1.18 0.00	38.06 1.17 0.00	36.72 1.13 0.00	34.67 0.99 0.00	36.47 1.06 0.00	42.05 1.19 0.00	52.29 1.30 0.00	143.66 3.09 0.00	72.72 1.94 0.00	37.66 0.98 0.00	40.39 1.07 0.00	36.57 0.77 0.00	33.09 0.71 0.00	28.55 0.47 0.00	27.58 0.46 0.00	29.11 0.59 0.00	34.24 0.98 0.00	38.37 1.26 0.00	49.37 1.73 0.00	75.15 2.64 0.00	73.56 2.56 0.00	61.31 2.10 0.00	44.70 1.36 0.00	30.58 0.59 0.00
CHAT_HIGH_FALL_HYD 323578	39.82 1.29 0.00	38.16 1.27 0.00	36.80 1.20 0.00	34.75 1.08 0.00	36.56 1.15 0.00	42.17 1.31 0.00	52.44 1.46 0.00	144.08 3.51 0.00	73.01 2.23 0.00	37.81 1.13 0.00	40.55 1.24 0.00	36.64 0.84 0.00	33.12 0.73 0.00	28.55 0.46 0.00	27.57 0.45 0.00	29.09 0.58 0.00	34.25 0.99 0.00	38.45 1.34 0.00	49.52 1.88 0.00	75.42 2.90 0.00	73.79 2.79 0.00	61.51 2.29 0.00	44.82 1.48 0.00	30.67 0.68 0.00
CHAUTAUQUA___LFGE 323629	35.11 -2.93 0.50	33.62 -2.94 0.33	32.77 -2.82 0.00	31.20 -2.47 0.00	32.64 -2.40 0.36	38.78 -2.08 0.00	48.29 -2.67 0.02	128.45 -6.24 5.89	62.90 -2.55 5.33	35.65 -1.03 0.00	38.52 -0.79 0.00	34.82 -0.98 0.00	31.32 -1.07 0.00	27.16 -0.92 0.00	26.20 -0.93 0.00	27.35 -1.16 0.00	31.71 -1.55 0.00	35.26 -1.85 0.00	45.13 -2.51 0.00	69.13 -3.38 0.00	66.96 -4.04 0.00	55.43 -3.78 0.00	40.21 -3.13 0.00	27.48 -2.51 0.00
CHERRYST_13_KV_LD 356241	39.98 1.45 0.00	38.29 1.41 0.00	36.85 1.26 0.00	34.85 1.18 0.00	36.58 1.17 0.00	42.26 1.40 0.00	52.91 1.93 0.00	146.79 6.22 0.00	73.72 2.94 0.00	38.53 1.84 0.00	41.21 1.89 0.00	37.45 1.65 0.00	33.85 1.47 0.00	29.49 1.40 0.00	28.56 1.44 0.00	30.20 1.68 0.00	35.09 1.83 0.00	38.91 1.80 0.00	49.56 1.92 0.00	75.27 2.75 0.00	73.68 2.68 0.00	61.58 2.37 0.00	45.21 1.88 0.00	31.29 1.30 0.00

CHESTROR_138KV_BK263 355645	39.41 0.87 0.00	37.71 0.83 0.00	36.35 0.76 0.00	34.37 0.70 0.00	36.06 0.65 0.00	41.66 0.80 0.00	52.14 1.16 0.00	144.30 3.73 0.00	72.42 1.65 0.00	37.63 0.95 0.00	40.20 0.88 0.00	36.53 0.73 0.00	33.02 0.64 0.00	28.75 0.67 0.00	27.84 0.71 0.00	29.34 0.83 0.00	34.17 0.92 0.00	38.05 0.94 0.00	48.66 1.02 0.00	73.99 1.48 0.00	72.57 1.57 0.00	60.61 1.39 0.00	44.44 1.10 0.00	30.75 0.75 0.00
CH_MIDHUDSON___DRP 24192	39.84 1.31 0.00	38.13 1.25 0.00	36.78 1.18 0.00	34.78 1.10 0.00	36.48 1.07 0.00	42.12 1.26 0.00	52.73 1.75 0.00	146.02 5.45 0.00	73.22 2.44 0.00	38.04 1.36 0.00	40.65 1.33 0.00	36.96 1.16 0.00	33.43 1.05 0.00	29.08 1.00 0.00	28.16 1.03 0.00	29.68 1.17 0.00	34.58 1.32 0.00	38.47 1.36 0.00	49.19 1.55 0.00	74.82 2.31 0.00	73.34 2.35 0.00	61.26 2.04 0.00	44.92 1.58 0.00	31.10 1.11 0.00
CH_MISC_IPPS 23765	40.01 1.48 0.00	38.29 1.40 0.00	36.91 1.32 0.00	34.90 1.23 0.00	36.62 1.21 0.00	42.31 1.45 0.00	53.00 2.02 0.00	146.78 6.21 0.00	73.62 2.85 0.00	38.22 1.54 0.00	40.82 1.51 0.00	37.07 1.28 0.00	33.51 1.13 0.00	29.17 1.08 0.00	28.24 1.11 0.00	29.77 1.26 0.00	34.70 1.45 0.00	38.65 1.54 0.00	49.45 1.81 0.00	75.22 2.71 0.00	73.73 2.74 0.00	61.56 2.35 0.00	45.12 1.78 0.00	31.21 1.23 0.00
CH_RES_BVR_FALLS 23983	38.30 -0.23 0.00	36.67 -0.21 0.00	35.42 -0.18 0.00	33.48 -0.20 0.00	35.21 -0.20 0.00	40.70 -0.15 0.00	50.85 -0.14 0.00	140.31 -0.27 0.00	71.09 0.32 0.00	36.97 0.29 0.00	39.56 0.24 0.00	36.00 0.20 0.00	32.60 0.22 0.00	28.19 0.10 0.00	27.24 0.11 0.00	28.73 0.22 0.00	33.61 0.35 0.00	37.57 0.46 0.00	48.28 0.64 0.00	73.45 0.94 0.00	71.84 0.84 0.00	59.78 0.56 0.00	43.48 0.14 0.00	29.85 -0.14 0.00
CH_RES_NIAGARA 23895	33.66 -3.99 0.89	32.47 -3.83 0.58	31.83 -3.76 0.01	30.24 -3.43 0.01	31.35 -3.46 0.59	37.10 -3.76 0.00	45.48 -5.46 0.04	114.58 -15.41 10.59	53.95 -7.21 9.62	33.20 -3.49 0.00	35.86 -3.45 0.00	32.66 -3.14 0.00	29.64 -2.75 0.00	25.69 -2.40 0.00	24.80 -2.33 0.00	25.99 -2.52 0.00	30.06 -3.20 0.00	33.22 -3.88 0.00	42.33 -5.31 0.00	64.62 -7.89 0.00	62.63 -8.37 0.00	52.00 -7.22 0.00	38.19 -5.15 0.00	26.61 -3.39 0.00
CH_RES_SYRACUSE 23985	37.58 -0.96 0.00	35.94 -0.94 0.00	34.68 -0.91 0.00	32.83 -0.84 0.00	34.58 -0.82 0.00	39.96 -0.90 0.00	49.84 -1.14 0.00	137.84 -2.73 0.00	69.25 -1.53 0.00	35.72 -0.96 0.00	38.31 -1.00 0.00	34.91 -0.89 0.00	31.57 -0.81 0.00	27.36 -0.73 0.00	26.40 -0.73 0.00	27.69 -0.82 0.00	32.27 -0.98 0.00	36.08 -1.03 0.00	46.43 -1.22 0.00	70.85 -1.67 0.00	69.24 -1.76 0.00	57.65 -1.57 0.00	42.16 -1.18 0.00	29.22 -0.77 0.00
CLINTON_WT_PWR 323605	39.72 1.18 0.00	38.06 1.17 0.00	36.72 1.13 0.00	34.67 0.99 0.00	36.47 1.06 0.00	42.05 1.19 0.00	52.29 1.30 0.00	143.66 3.09 0.00	72.72 1.94 0.00	37.66 0.98 0.00	40.39 1.07 0.00	36.57 0.77 0.00	33.09 0.71 0.00	28.55 0.47 0.00	27.58 0.46 0.00	29.11 0.59 0.00	34.24 0.98 0.00	38.37 1.26 0.00	49.37 1.73 0.00	75.15 2.64 0.00	73.56 2.56 0.00	61.31 2.10 0.00	44.70 1.36 0.00	30.58 0.59 0.00
CLINTON___LFGE 323618	40.67 2.14 0.00	39.00 2.11 0.00	37.65 2.05 0.00	35.51 1.83 0.00	37.34 1.94 0.00	43.06 2.21 0.00	53.59 2.61 0.00	147.15 6.57 0.00	74.52 3.74 0.00	38.54 1.85 0.00	41.37 2.05 0.00	37.34 1.54 0.00	33.72 1.33 0.00	29.02 0.94 0.00	28.06 0.94 0.00	29.65 1.13 0.00	34.95 1.69 0.00	39.27 2.16 0.00	50.61 2.97 0.00	77.15 4.63 0.00	75.66 4.67 0.00	63.00 3.79 0.00	45.92 2.58 0.00	31.27 1.28 0.00
COBBLENY_34_KV_TB1 80064	35.66 -2.36 0.51	34.20 -2.35 0.33	33.31 -2.28 0.00	31.67 -2.00 0.00	33.09 -1.97 0.34	38.99 -1.87 0.00	48.11 -2.84 0.03	126.03 -8.39 6.16	61.18 -3.96 5.63	35.40 -1.29 0.00	38.29 -1.02 0.00	34.17 -1.63 0.00	31.05 -1.33 0.00	27.32 -0.76 0.00	26.43 -0.69 0.00	27.73 -0.78 0.00	31.93 -1.33 0.00	35.24 -1.86 0.00	45.05 -2.59 0.00	69.28 -3.24 0.00	67.34 -3.66 0.00	55.89 -3.32 0.00	41.11 -2.23 0.00	28.39 -1.60 0.00
COFFEEN___115KV_TB3 355620	37.76 -0.78 0.00	36.01 -0.87 0.00	34.71 -0.89 0.00	32.85 -0.82 0.00	34.64 -0.76 0.00	40.26 -0.60 0.00	50.91 -0.07 0.00	142.19 1.61 0.00	71.17 0.39 0.00	36.07 -0.61 0.00	37.84 -1.48 0.00	34.34 -1.46 0.00	31.29 -1.10 0.00	26.79 -1.29 0.00	25.88 -1.25 0.00	27.43 -1.08 0.00	32.26 -1.00 0.00	36.77 -0.33 0.00	49.08 1.44 0.00	76.02 3.51 0.00	74.07 3.07 0.00	61.24 2.02 0.00	43.96 0.63 0.00	29.65 -0.34 0.00
COLDSPRG_115KV_BK1 355956	36.70 -1.83 0.00	35.01 -1.87 0.00	33.85 -1.75 0.00	32.25 -1.42 0.00	34.04 -1.36 0.00	39.88 -0.98 0.00	49.78 -1.21 0.00	138.24 -2.33 0.00	70.13 -0.64 0.00	36.68 0.00 0.00	39.56 0.25 0.00	35.77 -0.03 0.00	32.17 -0.22 0.00	27.87 -0.21 0.00	26.86 -0.26 0.00	28.09 -0.42 0.00	32.46 -0.79 0.00	36.05 -1.06 0.00	46.19 -1.46 0.00	70.86 -1.65 0.00	68.68 -2.32 0.00	56.85 -2.37 0.00	41.38 -1.96 0.00	28.36 -1.64 0.00
COLONIE_LFGE___ 323577	39.84 1.31 0.00	38.16 1.27 0.00	36.78 1.19 0.00	34.78 1.11 0.00	36.51 1.11 0.00	42.12 1.26 0.00	52.69 1.71 0.00	145.18 4.60 0.00	72.71 1.93 0.00	37.56 0.88 0.00	40.17 0.85 0.00	36.60 0.80 0.00	33.09 0.70 0.00	28.69 0.61 0.00	27.75 0.63 0.00	29.20 0.68 0.00	34.11 0.85 0.00	38.09 0.98 0.00	48.96 1.32 0.00	74.31 1.80 0.00	73.08 2.08 0.00	61.02 1.81 0.00	44.73 1.39 0.00	31.06 1.06 0.00
COOPERNY_115KV_TB1 80082	39.10 0.56 0.00	37.41 0.53 0.00	36.07 0.48 0.00	34.11 0.44 0.00	35.83 0.42 0.00	41.39 0.53 0.00	51.75 0.77 0.00	143.06 2.48 0.00	71.85 1.07 0.00	37.31 0.63 0.00	39.90 0.58 0.00	36.27 0.47 0.00	32.80 0.41 0.00	28.53 0.45 0.00	27.61 0.49 0.00	29.07 0.56 0.00	33.87 0.61 0.00	37.73 0.62 0.00	48.27 0.63 0.00	73.43 0.91 0.00	71.98 0.98 0.00	60.09 0.87 0.00	44.05 0.71 0.00	30.47 0.48 0.00
COPENHAGEN_WT_PWR 323753	36.96 -1.57 0.00	35.27 -1.62 0.00	34.00 -1.60 0.00	32.18 -1.49 0.00	33.91 -1.50 0.00	39.36 -1.50 0.00	49.76 -1.22 0.00	139.11 -1.46 0.00	69.68 -1.10 0.00	35.53 -1.16 0.00	37.46 -1.86 0.00	34.10 -1.69 0.00	31.10 -1.28 0.00	26.64 -1.44 0.00	25.75 -1.38 0.00	27.35 -1.16 0.00	32.16 -1.09 0.00	36.65 -0.46 0.00	48.59 0.95 0.00	75.02 2.51 0.00	73.06 2.06 0.00	60.38 1.17 0.00	43.30 -0.04 0.00	29.11 -0.89 0.00
CORNELL_____ 23752	38.68 -0.26 -0.40	36.84 -0.31 -0.26	35.30 -0.30 0.00	33.40 -0.27 0.00	35.45 -0.23 -0.27	40.73 -0.13 0.00	50.99 -0.02 -0.02	146.03 0.66 -4.79	75.21 0.08 -4.35	36.36 -0.33 0.00	38.74 -0.58 0.00	35.13 -0.67 0.00	31.72 -0.67 0.00	27.49 -0.60 0.00	26.54 -0.59 0.00	27.87 -0.64 0.00	32.54 -0.72 0.00	36.57 -0.53 0.00	47.40 -0.24 0.00	72.71 0.20 0.00	71.03 0.03 0.00	59.04 -0.18 0.00	43.14 -0.20 0.00	29.77 -0.22 0.00

CORONA_69_KV_TB1 355595	40.49 1.96 0.00	38.78 1.90 0.00	37.31 1.72 0.00	35.24 1.56 0.00	36.79 1.39 0.00	42.33 1.47 0.00	52.74 1.76 0.00	145.52 4.95 0.00	73.23 2.45 0.00	38.35 1.67 0.00	41.12 1.80 0.00	37.30 1.50 0.00	33.66 1.28 0.00	29.32 1.24 0.00	28.38 1.25 0.00	30.04 1.52 0.00	35.06 1.80 0.00	38.91 1.80 0.00	49.61 1.97 0.00	75.08 2.57 0.00	73.82 2.82 0.00	62.00 2.79 0.00	45.65 2.31 0.00	31.64 1.64 0.00
CORTLAND_115KV_TB3 80093	38.08 -0.45 0.00	36.39 -0.49 0.00	35.13 -0.47 0.00	33.26 -0.42 0.00	35.02 -0.38 0.00	40.55 -0.31 0.00	50.69 -0.29 0.00	140.38 -0.19 0.00	70.47 -0.31 0.00	36.28 -0.41 0.00	38.78 -0.54 0.00	35.23 -0.56 0.00	31.84 -0.54 0.00	27.60 -0.49 0.00	26.66 -0.47 0.00	28.00 -0.52 0.00	32.66 -0.60 0.00	36.56 -0.55 0.00	47.18 -0.46 0.00	72.19 -0.32 0.00	70.55 -0.45 0.00	58.70 -0.51 0.00	42.92 -0.42 0.00	29.66 -0.34 0.00
COXSACKIE___GT 23611	41.39 2.86 0.00	39.60 2.72 0.00	38.20 2.60 0.00	36.16 2.49 0.00	38.05 2.64 0.00	44.00 3.14 0.00	55.23 4.25 0.00	152.82 12.25 0.00	76.29 5.51 0.00	38.74 2.06 0.00	40.97 1.66 0.00	37.28 1.48 0.00	33.73 1.34 0.00	29.07 0.99 0.00	28.06 0.93 0.00	29.54 1.03 0.00	34.63 1.37 0.00	39.04 1.94 0.00	50.82 3.18 0.00	77.86 5.35 0.00	76.34 5.34 0.00	63.60 4.39 0.00	46.44 3.10 0.00	32.13 2.14 0.00
CPV_VALLEY___CC1 323721	39.14 0.61 0.00	37.46 0.57 0.00	36.12 0.53 0.00	34.14 0.47 0.00	35.83 0.43 0.00	41.38 0.52 0.00	51.76 0.78 0.00	143.19 2.61 0.00	71.90 1.13 0.00	37.40 0.72 0.00	39.97 0.65 0.00	36.33 0.53 0.00	32.85 0.47 0.00	28.62 0.54 0.00	27.71 0.59 0.00	29.19 0.68 0.00	33.98 0.72 0.00	37.83 0.72 0.00	48.34 0.70 0.00	73.48 0.96 0.00	72.05 1.05 0.00	60.17 0.95 0.00	44.13 0.79 0.00	30.54 0.55 0.00
CPV_VALLEY___CC2 323722	39.14 0.61 0.00	37.46 0.57 0.00	36.12 0.53 0.00	34.14 0.47 0.00	35.83 0.43 0.00	41.38 0.52 0.00	51.76 0.78 0.00	143.19 2.61 0.00	71.90 1.13 0.00	37.40 0.72 0.00	39.97 0.65 0.00	36.33 0.53 0.00	32.85 0.47 0.00	28.62 0.54 0.00	27.71 0.59 0.00	29.19 0.68 0.00	33.98 0.72 0.00	37.83 0.72 0.00	48.34 0.70 0.00	73.48 0.96 0.00	72.05 1.05 0.00	60.17 0.95 0.00	44.13 0.79 0.00	30.54 0.55 0.00
CRESCENT___HYD 24018	39.84 1.31 0.00	38.16 1.27 0.00	36.78 1.19 0.00	34.78 1.11 0.00	36.51 1.11 0.00	42.12 1.26 0.00	52.69 1.71 0.00	145.18 4.60 0.00	72.71 1.93 0.00	37.56 0.88 0.00	40.17 0.85 0.00	36.60 0.80 0.00	33.09 0.70 0.00	28.69 0.61 0.00	27.75 0.63 0.00	29.20 0.68 0.00	34.11 0.85 0.00	38.09 0.98 0.00	48.96 1.32 0.00	74.31 1.80 0.00	73.08 2.08 0.00	61.02 1.81 0.00	44.73 1.39 0.00	31.06 1.06 0.00
CRICKET___VALLEY_CC1 323756	39.43 0.90 0.00	37.77 0.88 0.00	36.48 0.89 0.00	34.48 0.81 0.00	36.14 0.73 0.00	41.70 0.84 0.00	52.19 1.21 0.00	144.49 3.91 0.00	72.37 1.59 0.00	37.57 0.89 0.00	40.21 0.89 0.00	36.60 0.80 0.00	33.18 0.79 0.00	28.87 0.79 0.00	27.95 0.82 0.00	29.44 0.93 0.00	34.26 1.01 0.00	38.04 0.94 0.00	48.64 1.01 0.00	73.95 1.44 0.00	72.53 1.53 0.00	60.60 1.38 0.00	44.45 1.10 0.00	30.83 0.83 0.00
CRICKET___VALLEY_CC2 323757	39.43 0.90 0.00	37.77 0.88 0.00	36.48 0.89 0.00	34.48 0.81 0.00	36.14 0.73 0.00	41.70 0.84 0.00	52.19 1.21 0.00	144.49 3.91 0.00	72.37 1.59 0.00	37.57 0.89 0.00	40.21 0.89 0.00	36.60 0.80 0.00	33.18 0.79 0.00	28.87 0.79 0.00	27.95 0.82 0.00	29.44 0.93 0.00	34.26 1.01 0.00	38.04 0.94 0.00	48.64 1.01 0.00	73.95 1.44 0.00	72.53 1.53 0.00	60.60 1.38 0.00	44.45 1.10 0.00	30.83 0.83 0.00
CRICKET___VALLEY_CC3 323758	39.43 0.90 0.00	37.77 0.88 0.00	36.48 0.89 0.00	34.48 0.81 0.00	36.14 0.73 0.00	41.70 0.84 0.00	52.19 1.21 0.00	144.49 3.91 0.00	72.37 1.59 0.00	37.57 0.89 0.00	40.21 0.89 0.00	36.60 0.80 0.00	33.18 0.79 0.00	28.87 0.79 0.00	27.95 0.82 0.00	29.44 0.93 0.00	34.26 1.01 0.00	38.04 0.94 0.00	48.64 1.01 0.00	73.95 1.44 0.00	72.53 1.53 0.00	60.60 1.38 0.00	44.45 1.10 0.00	30.83 0.83 0.00
CRUCIBLE_METL_DRP 24180	37.57 -0.96 0.00	35.95 -0.94 0.00	34.68 -0.91 0.00	32.83 -0.84 0.00	34.58 -0.82 0.00	39.96 -0.90 0.00	49.85 -1.13 0.00	137.83 -2.74 0.00	69.25 -1.53 0.00	35.72 -0.96 0.00	38.31 -1.00 0.00	34.91 -0.89 0.00	31.57 -0.82 0.00	27.36 -0.73 0.00	26.39 -0.74 0.00	27.69 -0.82 0.00	32.27 -0.99 0.00	36.08 -1.02 0.00	46.43 -1.22 0.00	70.85 -1.67 0.00	69.24 -1.76 0.00	57.65 -1.57 0.00	42.16 -1.18 0.00	29.22 -0.77 0.00
DAHOWA___HYDRO 323763	40.69 2.15 0.00	38.96 2.07 0.00	37.49 1.90 0.00	35.43 1.76 0.00	37.13 1.72 0.00	42.85 1.99 0.00	53.70 2.72 0.00	148.10 7.53 0.00	73.89 3.11 0.00	37.91 1.23 0.00	40.40 1.09 0.00	36.79 0.98 0.00	33.18 0.80 0.00	28.71 0.62 0.00	27.75 0.62 0.00	29.22 0.70 0.00	34.29 1.03 0.00	38.46 1.35 0.00	49.65 2.01 0.00	75.49 2.98 0.00	74.22 3.22 0.00	61.86 2.64 0.00	45.28 1.94 0.00	31.44 1.44 0.00
DANC___LFGE 323619	37.04 -1.49 0.00	35.37 -1.52 0.00	34.11 -1.49 0.00	32.29 -1.38 0.00	34.01 -1.40 0.00	39.36 -1.50 0.00	49.48 -1.50 0.00	137.75 -2.82 0.00	69.10 -1.68 0.00	35.39 -1.29 0.00	37.57 -1.74 0.00	34.24 -1.56 0.00	31.13 -1.26 0.00	26.77 -1.32 0.00	25.85 -1.28 0.00	27.29 -1.22 0.00	31.96 -1.30 0.00	36.15 -0.95 0.00	47.46 -0.18 0.00	73.00 0.49 0.00	71.23 0.23 0.00	59.04 -0.17 0.00	42.68 -0.66 0.00	29.03 -0.96 0.00
DANSKAMMER___1 23586	40.01 1.48 0.00	38.29 1.40 0.00	36.91 1.32 0.00	34.90 1.23 0.00	36.62 1.21 0.00	42.31 1.45 0.00	53.00 2.02 0.00	146.78 6.21 0.00	73.62 2.85 0.00	38.22 1.54 0.00	40.82 1.51 0.00	37.07 1.28 0.00	33.51 1.13 0.00	29.17 1.08 0.00	28.24 1.11 0.00	29.77 1.26 0.00	34.70 1.45 0.00	38.65 1.54 0.00	49.45 1.81 0.00	75.22 2.71 0.00	73.73 2.74 0.00	61.56 2.35 0.00	45.12 1.78 0.00	31.21 1.23 0.00
DANSKAMMER___2 23589	40.01 1.48 0.00	38.29 1.40 0.00	36.91 1.32 0.00	34.90 1.23 0.00	36.62 1.21 0.00	42.31 1.45 0.00	53.00 2.02 0.00	146.78 6.21 0.00	73.62 2.85 0.00	38.22 1.54 0.00	40.82 1.51 0.00	37.07 1.28 0.00	33.51 1.13 0.00	29.17 1.08 0.00	28.24 1.11 0.00	29.77 1.26 0.00	34.70 1.45 0.00	38.65 1.54 0.00	49.45 1.81 0.00	75.22 2.71 0.00	73.73 2.74 0.00	61.56 2.35 0.00	45.12 1.78 0.00	31.21 1.23 0.00
DANSKAMMER___3 23590	40.01 1.48 0.00	38.29 1.40 0.00	36.91 1.32 0.00	34.90 1.23 0.00	36.62 1.21 0.00	42.31 1.45 0.00	53.00 2.02 0.00	146.78 6.21 0.00	73.62 2.85 0.00	38.22 1.54 0.00	40.82 1.51 0.00	37.07 1.28 0.00	33.51 1.13 0.00	29.17 1.08 0.00	28.24 1.11 0.00	29.77 1.26 0.00	34.70 1.45 0.00	38.65 1.54 0.00	49.45 1.81 0.00	75.22 2.71 0.00	73.73 2.74 0.00	61.56 2.35 0.00	45.12 1.78 0.00	31.21 1.23 0.00

DANSKAMMER___4 23591	40.01 1.48 0.00	38.29 1.40 0.00	36.91 1.32 0.00	34.90 1.23 0.00	36.62 1.21 0.00	42.31 1.45 0.00	53.00 2.02 0.00	146.78 6.21 0.00	73.62 2.85 0.00	38.22 1.54 0.00	40.82 1.51 0.00	37.07 1.28 0.00	33.51 1.13 0.00	29.17 1.08 0.00	28.24 1.11 0.00	29.77 1.26 0.00	34.70 1.45 0.00	38.65 1.54 0.00	49.45 1.81 0.00	75.22 2.71 0.00	73.73 2.74 0.00	61.56 2.35 0.00	45.12 1.78 0.00	31.21 1.23 0.00
DANSKAMMER___DIESEL 23592	40.01 1.48 0.00	38.29 1.41 0.00	36.92 1.32 0.00	34.91 1.24 0.00	36.62 1.21 0.00	42.31 1.45 0.00	53.00 2.02 0.00	146.80 6.22 0.00	73.61 2.84 0.00	38.22 1.54 0.00	40.82 1.50 0.00	37.08 1.28 0.00	33.52 1.13 0.00	29.17 1.09 0.00	28.24 1.11 0.00	29.77 1.26 0.00	34.71 1.45 0.00	38.65 1.54 0.00	49.45 1.81 0.00	75.22 2.71 0.00	73.74 2.74 0.00	61.56 2.35 0.00	45.12 1.78 0.00	31.21 1.22 0.00
DARBY___SOLAR 323810	40.47 1.94 0.00	38.76 1.87 0.00	37.32 1.72 0.00	35.26 1.58 0.00	36.97 1.57 0.00	42.64 1.78 0.00	53.41 2.43 0.00	147.31 6.73 0.00	73.52 2.74 0.00	37.74 1.06 0.00	40.24 0.92 0.00	36.64 0.84 0.00	33.06 0.68 0.00	28.62 0.53 0.00	27.68 0.55 0.00	29.14 0.62 0.00	34.17 0.91 0.00	38.32 1.21 0.00	49.44 1.81 0.00	75.16 2.65 0.00	73.87 2.87 0.00	61.60 2.39 0.00	45.10 1.76 0.00	31.31 1.32 0.00
DASHVILLE___HYD 23610	39.80 1.26 0.00	38.08 1.20 0.00	36.72 1.13 0.00	34.72 1.05 0.00	36.44 1.04 0.00	42.08 1.22 0.00	52.73 1.75 0.00	146.02 5.44 0.00	73.25 2.48 0.00	38.01 1.33 0.00	40.58 1.27 0.00	36.89 1.09 0.00	33.38 1.00 0.00	29.01 0.93 0.00	28.08 0.96 0.00	29.59 1.07 0.00	34.46 1.20 0.00	38.37 1.27 0.00	49.13 1.49 0.00	74.78 2.27 0.00	73.33 2.33 0.00	61.23 2.02 0.00	44.89 1.56 0.00	31.06 1.07 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	41.50 2.96 0.00	40.00 3.12 0.00	38.61 3.02 0.00	36.26 2.59 0.00	37.17 1.77 0.00	41.80 0.94 0.00	51.38 0.40 0.00	140.66 0.09 0.00	70.65 -0.12 0.00	37.33 0.65 0.00	40.32 1.00 0.00	36.50 0.70 0.00	32.77 0.38 0.00	28.57 0.49 0.00	27.54 0.41 0.00	29.34 0.83 0.00	34.73 1.48 0.00	38.52 1.41 0.00	48.97 1.33 0.00	73.01 0.50 0.00	72.14 1.14 0.00	61.60 2.39 0.00	45.96 2.63 0.00	32.22 2.22 0.00
DELAWARE___LFGE 323621	39.09 0.56 0.00	37.39 0.51 0.00	36.09 0.49 0.00	34.14 0.47 0.00	35.93 0.53 0.00	41.50 0.64 0.00	51.89 0.91 0.00	143.47 2.90 0.00	72.07 1.29 0.00	37.35 0.66 0.00	39.97 0.65 0.00	36.39 0.60 0.00	32.88 0.50 0.00	28.55 0.46 0.00	27.59 0.46 0.00	29.00 0.49 0.00	33.82 0.56 0.00	37.77 0.66 0.00	48.45 0.81 0.00	73.81 1.30 0.00	72.25 1.25 0.00	60.19 0.98 0.00	44.06 0.72 0.00	30.44 0.45 0.00
DERFIELD_115KV_TB7 355931	38.66 0.12 0.00	36.99 0.11 0.00	35.68 0.08 0.00	33.74 0.07 0.00	35.44 0.04 0.00	40.91 0.05 0.00	51.15 0.17 0.00	141.26 0.68 0.00	70.99 0.22 0.00	36.75 0.06 0.00	39.36 0.05 0.00	35.86 0.06 0.00	32.42 0.03 0.00	28.12 0.04 0.00	27.18 0.05 0.00	28.56 0.05 0.00	33.32 0.07 0.00	37.21 0.11 0.00	47.80 0.16 0.00	72.78 0.27 0.00	71.31 0.31 0.00	59.48 0.27 0.00	43.56 0.22 0.00	30.13 0.13 0.00
DOGLEVILLE___HYD 23807	38.91 0.37 0.00	37.14 0.25 0.00	35.76 0.17 0.00	33.74 0.06 0.00	35.40 -0.01 0.00	40.92 0.06 0.00	51.52 0.54 0.00	142.22 1.65 0.00	70.52 -0.25 0.00	35.79 -0.90 0.00	38.08 -1.24 0.00	34.70 -1.10 0.00	31.31 -1.07 0.00	27.18 -0.91 0.00	26.32 -0.81 0.00	27.76 -0.75 0.00	32.51 -0.74 0.00	36.72 -0.38 0.00	47.75 0.11 0.00	72.95 0.44 0.00	71.67 0.67 0.00	59.95 0.74 0.00	43.86 0.52 0.00	30.22 0.22 0.00
DUNKIRK___115KV_TB_200 55889	35.15 -2.87 0.52	33.66 -2.89 0.34	32.83 -2.77 0.00	31.24 -2.43 0.00	32.67 -2.37 0.37	38.80 -2.06 0.00	48.29 -2.67 0.03	128.11 -6.40 6.07	62.60 -2.68 5.50	35.59 -1.09 0.00	38.45 -0.87 0.00	34.74 -1.06 0.00	31.28 -1.11 0.00	27.12 -0.97 0.00	26.16 -0.97 0.00	27.34 -1.17 0.00	31.69 -1.57 0.00	35.23 -1.88 0.00	45.08 -2.56 0.00	69.04 -3.47 0.00	66.92 -4.08 0.00	55.42 -3.80 0.00	40.26 -3.08 0.00	27.54 -2.46 0.00
DUNKIRK___1 23563	35.15 -2.87 0.52	33.66 -2.89 0.34	32.83 -2.77 0.00	31.24 -2.43 0.00	32.67 -2.37 0.37	38.80 -2.06 0.00	48.29 -2.67 0.03	128.11 -6.40 6.07	62.60 -2.68 5.50	35.59 -1.09 0.00	38.45 -0.87 0.00	34.74 -1.06 0.00	31.28 -1.11 0.00	27.12 -0.97 0.00	26.16 -0.97 0.00	27.34 -1.17 0.00	31.69 -1.57 0.00	35.23 -1.88 0.00	45.08 -2.56 0.00	69.04 -3.47 0.00	66.92 -4.08 0.00	55.42 -3.80 0.00	40.26 -3.08 0.00	27.54 -2.46 0.00
DUNKIRK___2 23564	35.15 -2.87 0.52	33.66 -2.89 0.34	32.83 -2.77 0.00	31.24 -2.43 0.00	32.67 -2.37 0.37	38.80 -2.06 0.00	48.29 -2.67 0.03	128.11 -6.40 6.07	62.60 -2.68 5.50	35.59 -1.09 0.00	38.45 -0.87 0.00	34.74 -1.06 0.00	31.28 -1.11 0.00	27.12 -0.97 0.00	26.16 -0.97 0.00	27.34 -1.17 0.00	31.69 -1.57 0.00	35.23 -1.88 0.00	45.08 -2.56 0.00	69.04 -3.47 0.00	66.92 -4.08 0.00	55.42 -3.80 0.00	40.26 -3.08 0.00	27.54 -2.46 0.00
DUNKIRK___3 23565	35.17 -2.81 0.56	33.70 -2.82 0.37	32.90 -2.69 0.00	31.30 -2.37 0.00	32.67 -2.33 0.41	38.73 -2.13 0.00	48.10 -2.85 0.03	126.82 -7.15 6.61	61.65 -3.13 6.00	35.35 -1.33 0.00	38.17 -1.14 0.00	34.53 -1.27 0.00	31.13 -1.26 0.00	26.98 -1.10 0.00	26.05 -1.07 0.00	27.25 -1.27 0.00	31.57 -1.69 0.00	35.06 -2.04 0.00	44.84 -2.80 0.00	68.68 -3.83 0.00	66.59 -4.41 0.00	55.20 -4.02 0.00	40.21 -3.13 0.00	27.59 -2.41 0.00
DUNKIRK___4 23566	35.17 -2.81 0.56	33.70 -2.82 0.37	32.90 -2.69 0.00	31.30 -2.37 0.00	32.67 -2.33 0.41	38.73 -2.13 0.00	48.10 -2.85 0.03	126.82 -7.15 6.61	61.65 -3.13 6.00	35.35 -1.33 0.00	38.17 -1.14 0.00	34.53 -1.27 0.00	31.13 -1.26 0.00	26.98 -1.10 0.00	26.05 -1.07 0.00	27.25 -1.27 0.00	31.57 -1.69 0.00	35.06 -2.04 0.00	44.84 -2.80 0.00	68.68 -3.83 0.00	66.59 -4.41 0.00	55.20 -4.02 0.00	40.21 -3.13 0.00	27.59 -2.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.86 1.33 0.00	38.17 1.29 0.00	36.76 1.17 0.00	34.76 1.09 0.00	36.45 1.04 0.00	42.08 1.22 0.00	52.65 1.67 0.00	145.88 5.30 0.00	73.24 2.47 0.00	38.20 1.52 0.00	40.87 1.55 0.00	37.14 1.35 0.00	33.59 1.20 0.00	29.25 1.16 0.00	28.32 1.20 0.00	29.90 1.39 0.00	34.79 1.54 0.00	38.64 1.53 0.00	49.28 1.64 0.00	74.86 2.34 0.00	73.36 2.36 0.00	61.33 2.11 0.00	45.02 1.68 0.00	31.17 1.18 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.68 1.14 0.00	37.97 1.08 0.00	36.60 1.00 0.00	34.61 0.93 0.00	36.31 0.90 0.00	41.95 1.09 0.00	52.53 1.55 0.00	145.43 4.85 0.00	72.99 2.21 0.00	37.91 1.23 0.00	40.47 1.16 0.00	36.76 0.96 0.00	33.24 0.85 0.00	28.94 0.85 0.00	28.02 0.89 0.00	29.53 1.02 0.00	34.41 1.15 0.00	38.31 1.21 0.00	49.01 1.37 0.00	74.56 2.05 0.00	73.11 2.11 0.00	61.04 1.82 0.00	44.76 1.42 0.00	30.95 0.96 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.92 1.39 0.00	38.23 1.34 0.00	36.78 1.18 0.00	34.79 1.12 0.00	36.49 1.09 0.00	42.12 1.26 0.00	52.72 1.74 0.00	146.20 5.62 0.00	73.44 2.67 0.00	38.38 1.70 0.00	41.04 1.72 0.00	37.32 1.51 -0.01	33.71 1.32 -0.01	29.37 1.28 -0.01	28.42 1.29 0.00	30.04 1.52 -0.01	34.89 1.64 0.01	38.68 1.58 0.00	49.24 1.60 0.00	74.88 2.37 0.00	73.36 2.36 0.00	61.38 2.17 0.00	45.10 1.77 0.00	31.20 1.21 0.00
E179THST_13_KV_LOAD 356214	40.09 1.55 0.00	38.37 1.49 0.00	36.91 1.31 0.00	34.92 1.24 0.00	36.62 1.22 0.00	42.28 1.42 0.00	52.93 1.95 0.00	146.82 6.25 0.00	73.77 3.00 0.00	38.54 1.86 0.00	41.22 1.90 0.00	37.48 1.67 -0.01	33.85 1.46 -0.01	29.49 1.40 -0.01	28.54 1.41 0.00	30.16 1.64 -0.01	35.04 1.79 0.01	38.85 1.74 0.00	49.44 1.80 0.00	75.22 2.71 0.00	73.70 2.70 0.00	61.64 2.42 0.00	45.29 1.95 0.00	31.32 1.33 0.00
EAST HAMPTON___GT 23717	41.59 3.05 0.00	40.29 3.41 0.00	38.93 3.34 0.00	36.39 2.72 0.00	36.91 1.51 0.00	41.02 0.17 0.00	50.43 -0.55 0.00	138.09 -2.48 0.00	69.30 -1.48 0.00	36.60 -0.08 0.00	39.51 0.19 0.00	35.79 -0.01 0.00	32.07 -0.31 0.00	28.01 -0.07 0.00	27.00 -0.12 0.00	28.86 0.35 0.00	34.28 1.02 0.00	37.88 0.77 0.00	48.03 0.38 0.00	71.64 -0.87 0.00	70.84 -0.16 0.00	60.84 1.62 0.00	45.78 2.44 0.00	32.13 2.14 0.00
EAST RIVER___6 23660	39.86 1.33 0.00	38.17 1.29 0.00	36.73 1.14 0.00	34.74 1.06 0.00	36.46 1.05 0.00	42.13 1.27 0.00	52.71 1.73 0.00	146.21 5.64 0.00	73.41 2.64 0.00	38.38 1.70 0.00	41.06 1.75 0.00	37.31 1.52 0.00	33.74 1.36 0.00	29.38 1.30 0.00	28.46 1.33 0.00	30.10 1.59 0.00	34.96 1.70 0.00	38.79 1.68 0.00	49.38 1.74 0.00	75.03 2.51 0.00	73.46 2.46 0.00	61.39 2.17 0.00	45.08 1.75 0.00	31.21 1.22 0.00
EAST RIVER___7 23524	39.86 1.33 0.00	38.17 1.29 0.00	36.73 1.14 0.00	34.74 1.06 0.00	36.46 1.05 0.00	42.13 1.27 0.00	52.71 1.73 0.00	146.21 5.64 0.00	73.41 2.64 0.00	38.38 1.70 0.00	41.06 1.75 0.00	37.31 1.52 0.00	33.74 1.36 0.00	29.38 1.30 0.00	28.46 1.33 0.00	30.10 1.59 0.00	34.96 1.70 0.00	38.79 1.68 0.00	49.38 1.74 0.00	75.03 2.51 0.00	73.46 2.46 0.00	61.39 2.17 0.00	45.08 1.75 0.00	31.21 1.22 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.80 1.27 0.00	38.10 1.22 0.00	36.71 1.12 0.00	34.71 1.03 0.00	36.39 0.99 0.00	42.02 1.16 0.00	52.59 1.61 0.00	145.66 5.08 0.00	73.12 2.35 0.00	38.12 1.44 0.00	40.77 1.45 0.00	37.05 1.25 0.00	33.49 1.11 0.00	29.17 1.08 0.00	28.25 1.12 0.00	29.82 1.30 0.00	34.70 1.44 0.00	38.55 1.44 0.00	49.19 1.55 0.00	74.72 2.21 0.00	73.24 2.24 0.00	61.23 2.01 0.00	44.94 1.60 0.00	31.11 1.12 0.00
EAST_HAMPTON___DIESEL 23722	41.56 3.03 0.00	40.29 3.40 0.00	38.93 3.34 0.00	36.38 2.70 0.00	36.85 1.44 0.00	40.88 0.02 0.00	50.26 -0.73 0.00	137.61 -2.97 0.00	69.07 -1.71 0.00	36.48 -0.20 0.00	39.37 0.06 0.00	35.68 -0.12 0.00	31.96 -0.43 0.00	27.92 -0.16 0.00	26.92 -0.20 0.00	28.78 0.26 0.00	34.19 0.94 0.00	37.78 0.67 0.00	47.87 0.23 0.00	71.40 -1.11 0.00	70.62 -0.38 0.00	60.69 1.47 0.00	45.72 2.38 0.00	32.10 2.10 0.00
EAST_POINT___SOLAR 323840	40.73 2.19 0.00	38.88 1.99 0.00	37.50 1.91 0.00	35.48 1.81 0.00	37.29 1.88 0.00	43.11 2.25 0.00	54.17 3.19 0.00	149.92 9.35 0.00	73.86 3.09 0.00	36.87 0.19 0.00	39.20 -0.12 0.00	35.81 0.01 0.00	32.32 -0.07 0.00	28.12 0.04 0.00	27.20 0.07 0.00	28.60 0.09 0.00	33.51 0.26 0.00	38.16 1.06 0.00	50.54 2.90 0.00	77.62 5.10 0.00	75.90 4.90 0.00	63.16 3.95 0.00	45.97 2.64 0.00	31.59 1.59 0.00
EAST_PULASKI___ESR 323781	37.14 -1.39 0.00	35.51 -1.37 0.00	34.28 -1.32 0.00	32.43 -1.25 0.00	34.14 -1.27 0.00	39.42 -1.45 0.00	49.29 -1.69 0.00	136.55 -4.03 0.00	68.61 -2.17 0.00	35.32 -1.37 0.00	37.75 -1.56 0.00	34.42 -1.37 0.00	31.19 -1.19 0.00	26.94 -1.14 0.00	25.98 -1.14 0.00	27.30 -1.21 0.00	31.83 -1.43 0.00	35.76 -1.35 0.00	46.42 -1.22 0.00	71.08 -1.43 0.00	69.49 -1.51 0.00	57.80 -1.41 0.00	42.10 -1.24 0.00	28.98 -1.01 0.00
EAST_RIVER___1 323558	39.88 1.35 0.00	38.20 1.31 0.00	36.76 1.16 0.00	34.76 1.09 0.00	36.48 1.07 0.00	42.14 1.28 0.00	52.76 1.78 0.00	146.32 5.75 0.00	73.47 2.69 0.00	38.40 1.71 0.00	41.07 1.76 0.00	37.32 1.52 0.00	33.74 1.36 0.00	29.39 1.31 0.00	28.47 1.34 0.00	30.10 1.59 0.00	34.96 1.70 0.00	38.79 1.68 0.00	49.41 1.77 0.00	75.04 2.53 0.00	73.47 2.48 0.00	61.42 2.20 0.00	45.10 1.76 0.00	31.22 1.23 0.00
EAST_RIVER___2 323559	39.86 1.33 0.00	38.17 1.29 0.00	36.73 1.14 0.00	34.74 1.06 0.00	36.46 1.05 0.00	42.13 1.27 0.00	52.71 1.73 0.00	146.21 5.64 0.00	73.41 2.64 0.00	38.38 1.70 0.00	41.06 1.75 0.00	37.31 1.52 0.00	33.74 1.36 0.00	29.38 1.30 0.00	28.46 1.33 0.00	30.10 1.59 0.00	34.96 1.70 0.00	38.79 1.68 0.00	49.38 1.74 0.00	75.03 2.51 0.00	73.46 2.46 0.00	61.39 2.17 0.00	45.08 1.75 0.00	31.21 1.22 0.00
EAST___DELAWARE_HYD 23607	40.17 1.64 0.00	38.41 1.53 0.00	37.04 1.45 0.00	35.02 1.35 0.00	36.78 1.38 0.00	42.53 1.67 0.00	53.33 2.35 0.00	147.64 7.06 0.00	74.06 3.28 0.00	38.35 1.67 0.00	40.84 1.53 0.00	37.04 1.24 0.00	33.46 1.08 0.00	29.07 0.98 0.00	28.13 1.00 0.00	29.65 1.13 0.00	34.61 1.35 0.00	38.67 1.56 0.00	49.64 2.00 0.00	75.67 3.16 0.00	74.17 3.17 0.00	61.90 2.68 0.00	45.31 1.97 0.00	31.31 1.32 0.00
EIGHT_POINT___WT_PWR 323820	37.84 -4.56 -3.87	35.41 -4.02 -2.55	31.66 -3.96 -0.02	30.13 -3.57 -0.03	34.32 -3.67 -2.58	37.02 -3.84 0.00	46.47 -4.70 -0.19	175.92 -10.53 -45.87	108.09 -4.30 -41.61	34.78 -1.90 0.00	37.26 -2.06 0.00	33.75 -2.05 0.00	30.42 -1.97 0.00	26.21 -1.88 0.00	25.18 -1.95 0.00	26.32 -2.20 0.00	30.51 -2.75 0.00	34.41 -2.70 0.00	45.21 -2.43 0.00	70.28 -2.23 0.00	68.15 -2.86 0.00	55.84 -3.37 0.00	40.24 -3.10 0.00	27.40 -2.59 0.00
ELBRIDGE_115KV_TB2 80188	37.38 -1.16 0.00	35.76 -1.12 0.00	34.48 -1.11 0.00	32.65 -1.02 0.00	34.41 -0.99 0.00	39.75 -1.11 0.00	49.57 -1.41 0.00	137.06 -3.52 0.00	68.86 -1.92 0.00	35.52 -1.16 0.00	38.10 -1.21 0.00	34.69 -1.11 0.00	31.37 -1.01 0.00	27.21 -0.88 0.00	26.26 -0.87 0.00	27.54 -0.97 0.00	32.08 -1.17 0.00	35.85 -1.25 0.00	46.13 -1.51 0.00	70.41 -2.10 0.00	68.82 -2.18 0.00	57.26 -1.96 0.00	41.89 -1.45 0.00	29.07 -0.92 0.00
ELEC_TRO_TEK 24086	40.31 1.77 0.00	38.61 1.72 0.00	37.17 1.58 0.00	35.11 1.44 0.00	36.66 1.25 0.00	42.17 1.31 0.00	52.54 1.56 0.00	144.99 4.41 0.00	72.96 2.19 0.00	38.22 1.53 0.00	40.95 1.64 0.00	37.16 1.36 0.00	33.55 1.16 0.00	29.23 1.14 0.00	28.29 1.16 0.00	29.93 1.42 0.00	34.94 1.68 0.00	38.78 1.67 0.00	49.40 1.76 0.00	74.75 2.23 0.00	73.47 2.47 0.00	61.72 2.50 0.00	45.44 2.10 0.00	31.50 1.51 0.00

ELLENBURG_WT_PWR 323604	39.72 1.18 0.00	38.06 1.17 0.00	36.72 1.13 0.00	34.67 0.99 0.00	36.47 1.06 0.00	42.05 1.19 0.00	52.29 1.30 0.00	143.66 3.09 0.00	72.72 1.94 0.00	37.66 0.98 0.00	40.39 1.07 0.00	36.57 0.77 0.00	33.09 0.71 0.00	28.55 0.47 0.00	27.58 0.46 0.00	29.11 0.59 0.00	34.24 0.98 0.00	38.37 1.26 0.00	49.37 1.73 0.00	75.15 2.64 0.00	73.56 2.56 0.00	61.31 2.10 0.00	44.70 1.36 0.00	30.58 0.59 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.84 -2.94 0.76	33.51 -2.88 0.50	32.79 -2.80 0.01	31.17 -2.50 0.01	32.41 -2.49 0.50	38.35 -2.51 0.00	47.23 -3.71 0.04	121.01 -10.43 9.13	57.69 -4.76 8.32	34.46 -2.22 0.00	37.17 -2.14 0.00	33.78 -2.02 0.00	30.60 -1.78 0.00	26.52 -1.56 0.00	25.60 -1.52 0.00	26.83 -1.68 0.00	31.06 -2.19 0.00	34.40 -2.71 0.00	43.90 -3.74 0.00	67.12 -5.39 0.00	65.11 -5.89 0.00	54.08 -5.13 0.00	39.66 -3.68 0.00	27.50 -2.50 0.00
EMPIRE_CC_1 323656	39.48 0.94 0.00	37.82 0.94 0.00	36.48 0.89 0.00	34.50 0.83 0.00	36.22 0.82 0.00	41.70 0.84 0.00	52.08 1.09 0.00	143.30 2.73 0.00	71.88 1.10 0.00	37.33 0.65 0.00	39.98 0.66 0.00	36.44 0.64 0.00	32.97 0.59 0.00	28.61 0.53 0.00	27.67 0.54 0.00	29.12 0.60 0.00	33.97 0.71 0.00	37.79 0.68 0.00	48.38 0.74 0.00	73.29 0.78 0.00	72.08 1.08 0.00	60.31 1.09 0.00	44.26 0.93 0.00	30.82 0.83 0.00
EMPIRE_CC_2 323658	39.48 0.94 0.00	37.82 0.94 0.00	36.48 0.89 0.00	34.50 0.83 0.00	36.22 0.82 0.00	41.70 0.84 0.00	52.08 1.09 0.00	143.30 2.73 0.00	71.88 1.10 0.00	37.33 0.65 0.00	39.98 0.66 0.00	36.44 0.64 0.00	32.97 0.59 0.00	28.61 0.53 0.00	27.67 0.54 0.00	29.12 0.60 0.00	33.97 0.71 0.00	37.79 0.68 0.00	48.38 0.74 0.00	73.29 0.78 0.00	72.08 1.08 0.00	60.31 1.09 0.00	44.26 0.93 0.00	30.82 0.83 0.00
ENORWICH_115KV_TB1 80156	39.63 0.88 -0.21	37.82 0.80 -0.14	36.41 0.81 0.00	34.28 0.60 0.00	36.12 0.58 -0.14	41.48 0.62 0.00	52.43 1.43 -0.01	148.92 5.88 -2.47	75.56 2.55 -2.24	37.85 1.17 0.00	40.02 0.71 0.00	36.26 0.46 0.00	32.64 0.25 0.00	28.22 0.13 0.00	27.19 0.07 0.00	28.73 0.21 0.00	33.83 0.57 0.00	38.42 1.31 0.00	50.26 2.62 0.00	77.35 4.84 0.00	75.29 4.30 0.00	62.20 2.98 0.00	45.10 1.77 0.00	30.79 0.79 0.00
ERIE_ST__34_KV_TB1-2 80199	35.67 -2.22 0.64	34.25 -2.21 0.42	33.47 -2.12 0.00	31.81 -1.85 0.00	33.14 -1.84 0.43	39.12 -1.75 0.00	48.26 -2.69 0.03	125.22 -7.66 7.70	60.33 -3.45 7.01	35.19 -1.50 0.00	37.91 -1.40 0.00	34.41 -1.39 0.00	31.13 -1.25 0.00	26.98 -1.11 0.00	26.08 -1.05 0.00	27.33 -1.18 0.00	31.67 -1.59 0.00	35.08 -2.03 0.00	44.83 -2.81 0.00	68.64 -3.88 0.00	66.61 -4.39 0.00	55.34 -3.88 0.00	40.60 -2.74 0.00	28.12 -1.87 0.00
ERIE_WT_PWR 323693	35.19 -2.67 0.68	33.78 -2.65 0.45	33.04 -2.55 0.00	31.41 -2.26 0.00	32.72 -2.24 0.45	38.66 -2.20 0.00	47.66 -3.29 0.03	123.15 -9.21 8.21	59.06 -4.21 7.50	34.80 -1.88 0.00	37.48 -1.83 0.00	34.02 -1.78 0.00	30.83 -1.55 0.00	26.72 -1.37 0.00	25.81 -1.31 0.00	27.06 -1.45 0.00	31.36 -1.90 0.00	34.70 -2.41 0.00	44.34 -3.30 0.00	67.77 -4.74 0.00	65.77 -5.23 0.00	54.62 -4.59 0.00	40.02 -3.32 0.00	27.72 -2.27 0.00
ESPRGFLD_115KV_TB1 80157	39.50 0.96 0.00	37.72 0.83 0.00	36.41 0.81 0.00	34.45 0.78 0.00	36.23 0.82 0.00	41.89 1.03 0.00	52.53 1.55 0.00	145.47 4.90 0.00	73.12 2.34 0.00	37.69 1.01 0.00	40.31 0.99 0.00	36.69 0.89 0.00	33.13 0.74 0.00	28.75 0.66 0.00	27.72 0.60 0.00	29.14 0.63 0.00	34.01 0.75 0.00	38.16 1.05 0.00	49.41 1.77 0.00	75.56 3.04 0.00	73.81 2.82 0.00	61.32 2.11 0.00	44.70 1.36 0.00	30.68 0.69 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.59 -0.29 -0.33	36.77 -0.34 -0.22	35.27 -0.33 0.00	33.38 -0.30 0.00	35.37 -0.26 -0.22	40.69 -0.17 0.00	50.93 -0.07 -0.02	145.05 0.48 -3.99	74.40 0.00 -3.62	36.33 -0.36 0.00	38.73 -0.59 0.00	35.13 -0.67 0.00	31.73 -0.66 0.00	27.50 -0.59 0.00	26.55 -0.58 0.00	27.88 -0.63 0.00	32.55 -0.70 0.00	36.56 -0.55 0.00	47.36 -0.28 0.00	72.61 0.10 0.00	70.93 -0.07 0.00	58.97 -0.24 0.00	43.09 -0.25 0.00	29.75 -0.24 0.00
ETNA____115KV_TB2 80207	38.59 -0.29 -0.33	36.77 -0.34 -0.22	35.27 -0.33 0.00	33.38 -0.30 0.00	35.37 -0.26 -0.22	40.69 -0.17 0.00	50.93 -0.07 -0.02	145.05 0.48 -3.99	74.40 0.00 -3.62	36.33 -0.36 0.00	38.73 -0.59 0.00	35.13 -0.67 0.00	31.73 -0.66 0.00	27.50 -0.59 0.00	26.55 -0.58 0.00	27.88 -0.63 0.00	32.55 -0.70 0.00	36.56 -0.55 0.00	47.36 -0.28 0.00	72.61 0.10 0.00	70.93 -0.07 0.00	58.97 -0.24 0.00	43.09 -0.25 0.00	29.75 -0.24 0.00
EUCLID____115KV_TB2 356179	37.12 -1.41 0.00	35.52 -1.36 0.00	34.29 -1.30 0.00	32.46 -1.21 0.00	34.17 -1.24 0.00	39.45 -1.41 0.00	49.16 -1.81 0.00	135.87 -4.70 0.00	68.34 -2.44 0.00	35.33 -1.35 0.00	37.94 -1.37 0.00	34.58 -1.22 0.00	31.28 -1.10 0.00	27.10 -0.98 0.00	26.14 -0.98 0.00	27.43 -1.09 0.00	31.93 -1.33 0.00	35.65 -1.46 0.00	45.84 -1.80 0.00	69.91 -2.60 0.00	68.33 -2.67 0.00	56.93 -2.29 0.00	41.64 -1.70 0.00	28.89 -1.11 0.00
E_CANADA_CAP_HY 24051	40.03 1.50 0.00	38.21 1.33 0.00	36.89 1.29 0.00	34.88 1.20 0.00	36.60 1.20 0.00	42.23 1.38 0.00	52.99 2.01 0.00	146.67 6.10 0.00	73.42 2.65 0.00	37.57 0.89 0.00	40.16 0.84 0.00	36.57 0.77 0.00	33.05 0.67 0.00	28.68 0.59 0.00	27.66 0.53 0.00	29.05 0.54 0.00	33.88 0.62 0.00	38.16 1.05 0.00	49.84 2.21 0.00	76.37 3.86 0.00	74.67 3.67 0.00	62.19 2.97 0.00	45.28 1.94 0.00	31.08 1.08 0.00
E_CANADA_MHWK_HY 24050	38.91 0.37 0.00	37.14 0.25 0.00	35.76 0.17 0.00	33.74 0.06 0.00	35.40 -0.01 0.00	40.92 0.06 0.00	51.52 0.54 0.00	142.22 1.65 0.00	70.52 -0.25 0.00	35.79 -0.90 0.00	38.08 -1.24 0.00	34.70 -1.10 0.00	31.31 -1.07 0.00	27.18 -0.91 0.00	26.32 -0.81 0.00	27.76 -0.75 0.00	32.51 -0.74 0.00	36.72 -0.38 0.00	47.75 0.11 0.00	72.95 0.44 0.00	71.67 0.67 0.00	59.95 0.74 0.00	43.86 0.52 0.00	30.22 0.22 0.00
E_FISHKILL____LBMP 23776	39.62 1.09 0.00	37.93 1.05 0.00	36.58 0.98 0.00	34.58 0.91 0.00	36.27 0.86 0.00	41.86 1.00 0.00	52.38 1.39 0.00	145.01 4.43 0.00	72.76 1.98 0.00	37.85 1.17 0.00	40.49 1.17 0.00	36.82 1.02 0.00	33.32 0.93 0.00	29.00 0.91 0.00	28.08 0.95 0.00	29.60 1.09 0.00	34.46 1.20 0.00	38.29 1.19 0.00	48.91 1.27 0.00	74.35 1.83 0.00	72.89 1.89 0.00	60.91 1.69 0.00	44.70 1.36 0.00	30.96 0.96 0.00
FALCON____SEABRD_CC1 323796	40.68 2.15 0.00	39.02 2.14 0.00	37.69 2.10 0.00	35.54 1.87 0.00	37.35 1.95 0.00	43.06 2.20 0.00	53.53 2.55 0.00	146.82 6.24 0.00	74.35 3.57 0.00	38.44 1.76 0.00	41.30 1.99 0.00	37.28 1.48 0.00	33.66 1.28 0.00	29.02 0.94 0.00	28.08 0.95 0.00	29.64 1.13 0.00	34.96 1.70 0.00	39.26 2.15 0.00	50.57 2.93 0.00	77.06 4.55 0.00	75.63 4.63 0.00	63.00 3.79 0.00	45.95 2.60 0.00	31.26 1.27 0.00

FALCON___SEABRD_CC2 323797	40.68 2.15 0.00	39.02 2.14 0.00	37.69 2.10 0.00	35.54 1.87 0.00	37.35 1.95 0.00	43.06 2.20 0.00	53.53 2.55 0.00	146.82 6.24 0.00	74.35 3.57 0.00	38.44 1.76 0.00	41.30 1.99 0.00	37.28 1.48 0.00	33.66 1.28 0.00	29.02 0.94 0.00	28.08 0.95 0.00	29.64 1.13 0.00	34.96 1.70 0.00	39.26 2.15 0.00	50.57 2.93 0.00	77.06 4.55 0.00	75.63 4.63 0.00	63.00 3.79 0.00	45.95 2.60 0.00	31.26 1.27 0.00
FAR ROCKAWAY___4 23548	40.76 2.23 0.00	39.03 2.14 0.00	37.54 1.95 0.00	35.47 1.79 0.00	37.04 1.63 0.00	42.63 1.77 0.00	53.14 2.16 0.00	146.61 6.04 0.00	73.73 2.95 0.00	38.60 1.92 0.00	41.39 2.08 0.00	37.54 1.74 0.00	33.88 1.50 0.00	29.50 1.42 0.00	28.55 1.43 0.00	30.22 1.71 0.00	35.31 2.05 0.00	39.20 2.10 0.00	49.98 2.34 0.00	75.66 3.15 0.00	74.38 3.38 0.00	62.46 3.24 0.00	45.96 2.62 0.00	31.84 1.85 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.92 1.38 0.00	38.23 1.34 0.00	36.79 1.20 0.00	34.80 1.12 0.00	36.51 1.10 0.00	42.18 1.32 0.00	52.79 1.81 0.00	146.46 5.88 0.00	73.52 2.75 0.00	38.42 1.74 0.00	41.10 1.78 0.00	37.34 1.54 0.00	33.75 1.37 0.00	29.41 1.32 0.00	28.48 1.36 0.00	30.11 1.60 0.00	34.98 1.73 0.00	38.81 1.70 0.00	49.42 1.79 0.00	75.09 2.58 0.00	73.53 2.53 0.00	61.46 2.25 0.00	45.14 1.80 0.00	31.24 1.25 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.93 1.40 0.00	38.25 1.36 0.00	36.80 1.21 0.00	34.81 1.14 0.00	36.52 1.12 0.00	42.19 1.33 0.00	52.81 1.83 0.00	146.53 5.95 0.00	73.56 2.79 0.00	38.43 1.75 0.00	41.11 1.79 0.00	37.35 1.55 0.00	33.75 1.37 0.00	29.42 1.33 0.00	28.49 1.37 0.00	30.12 1.60 0.00	34.99 1.74 0.00	38.82 1.71 0.00	49.43 1.80 0.00	75.12 2.61 0.00	73.55 2.55 0.00	61.48 2.26 0.00	45.16 1.82 0.00	31.26 1.27 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.90 1.37 0.00	38.22 1.33 0.00	36.78 1.19 0.00	34.78 1.10 0.00	36.50 1.09 0.00	42.16 1.30 0.00	52.76 1.78 0.00	146.42 5.84 0.00	73.50 2.73 0.00	38.41 1.73 0.00	41.08 1.77 0.00	37.33 1.53 0.00	33.75 1.36 0.00	29.40 1.31 0.00	28.48 1.35 0.00	30.10 1.58 0.00	34.97 1.71 0.00	38.79 1.68 0.00	49.41 1.78 0.00	75.06 2.55 0.00	73.49 2.49 0.00	61.42 2.20 0.00	45.12 1.78 0.00	31.23 1.24 0.00
FARRAGUT___LBMP 323566	39.87 1.34 0.00	38.19 1.30 0.00	36.76 1.16 0.00	34.76 1.08 0.00	36.47 1.07 0.00	42.13 1.27 0.00	52.72 1.74 0.00	146.28 5.70 0.00	73.43 2.66 0.00	38.37 1.69 0.00	41.04 1.73 0.00	37.29 1.49 0.00	33.71 1.33 0.00	29.36 1.28 0.00	28.45 1.33 0.00	30.07 1.56 0.00	34.94 1.68 0.00	38.75 1.64 0.00	49.37 1.73 0.00	75.00 2.48 0.00	73.42 2.42 0.00	61.37 2.16 0.00	45.09 1.75 0.00	31.21 1.22 0.00
FENNER___WINDPWR 24204	38.48 -0.06 0.00	36.74 -0.15 0.00	35.45 -0.14 0.00	33.54 -0.13 0.00	35.33 -0.08 0.00	40.98 0.12 0.00	51.37 0.39 0.00	142.38 1.81 0.00	71.49 0.71 0.00	36.70 0.02 0.00	39.21 -0.11 0.00	35.68 -0.12 0.00	32.25 -0.14 0.00	27.93 -0.16 0.00	27.00 -0.13 0.00	28.39 -0.13 0.00	33.17 -0.09 0.00	37.21 0.10 0.00	48.11 0.47 0.00	73.56 1.05 0.00	71.85 0.85 0.00	59.77 0.55 0.00	43.59 0.25 0.00	30.06 0.06 0.00
FIBERTEK___ENERGY 23856	37.57 -0.96 0.00	35.95 -0.94 0.00	34.68 -0.91 0.00	32.83 -0.84 0.00	34.58 -0.82 0.00	39.96 -0.90 0.00	49.85 -1.13 0.00	137.83 -2.74 0.00	69.25 -1.53 0.00	35.72 -0.96 0.00	38.31 -1.00 0.00	34.91 -0.89 0.00	31.57 -0.82 0.00	27.36 -0.73 0.00	26.39 -0.74 0.00	27.69 -0.82 0.00	32.27 -0.99 0.00	36.08 -1.02 0.00	46.43 -1.22 0.00	70.85 -1.67 0.00	69.24 -1.76 0.00	57.65 -1.57 0.00	42.16 -1.18 0.00	29.22 -0.77 0.00
FITZPATRICK____ 23598	36.80 -1.73 0.00	35.24 -1.64 0.00	34.03 -1.57 0.00	32.21 -1.47 0.00	33.88 -1.53 0.00	39.06 -1.80 0.00	48.65 -2.33 0.00	134.36 -6.22 0.00	67.56 -3.21 0.00	35.01 -1.67 0.00	37.63 -1.68 0.00	34.31 -1.49 0.00	31.04 -1.34 0.00	26.89 -1.19 0.00	25.94 -1.18 0.00	27.21 -1.31 0.00	31.68 -1.58 0.00	35.33 -1.78 0.00	45.39 -2.25 0.00	69.16 -3.35 0.00	67.65 -3.35 0.00	56.36 -2.85 0.00	41.25 -2.08 0.00	28.64 -1.36 0.00
FLOWRFLD_69_KV_BK1 356044	40.88 2.34 0.00	39.18 2.30 0.00	37.73 2.13 0.00	35.62 1.94 0.00	36.96 1.56 0.00	42.23 1.37 0.00	52.22 1.24 0.00	143.55 2.98 0.00	72.25 1.47 0.00	38.07 1.38 0.00	40.94 1.63 0.00	37.06 1.26 0.00	33.38 1.00 0.00	29.07 0.99 0.00	28.09 0.97 0.00	29.82 1.30 0.00	35.01 1.76 0.00	38.92 1.81 0.00	49.59 1.95 0.00	74.41 1.90 0.00	73.32 2.32 0.00	62.02 2.80 0.00	45.85 2.51 0.00	31.95 1.96 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.10 1.56 0.00	38.37 1.48 0.00	36.99 1.39 0.00	34.98 1.31 0.00	36.69 1.29 0.00	42.40 1.54 0.00	53.11 2.13 0.00	147.14 6.56 0.00	73.78 3.00 0.00	38.30 1.61 0.00	40.90 1.58 0.00	37.15 1.35 0.00	33.58 1.20 0.00	29.23 1.14 0.00	28.29 1.17 0.00	29.83 1.32 0.00	34.78 1.52 0.00	38.73 1.63 0.00	49.55 1.91 0.00	75.39 2.87 0.00	73.90 2.90 0.00	61.69 2.47 0.00	45.20 1.87 0.00	31.28 1.28 0.00
FORT ORANGE____ 23900	39.96 1.43 0.00	38.26 1.38 0.00	36.91 1.32 0.00	34.92 1.25 0.00	36.70 1.30 0.00	42.36 1.50 0.00	52.99 2.01 0.00	146.24 5.67 0.00	73.24 2.46 0.00	37.80 1.12 0.00	40.38 1.07 0.00	36.77 0.97 0.00	33.27 0.88 0.00	28.83 0.74 0.00	27.87 0.74 0.00	29.32 0.81 0.00	34.23 0.97 0.00	38.25 1.14 0.00	49.21 1.57 0.00	74.91 2.39 0.00	73.48 2.48 0.00	61.36 2.15 0.00	44.94 1.61 0.00	31.16 1.16 0.00
FORT_DRUM_COGEN 23780	37.55 -0.98 0.00	35.83 -1.06 0.00	34.53 -1.07 0.00	32.68 -0.99 0.00	34.44 -0.96 0.00	40.00 -0.86 0.00	50.56 -0.42 0.00	141.21 0.63 0.00	70.72 -0.06 0.00	35.97 -0.72 0.00	37.83 -1.48 0.00	34.40 -1.40 0.00	31.33 -1.05 0.00	26.84 -1.24 0.00	25.92 -1.20 0.00	27.50 -1.01 0.00	32.36 -0.90 0.00	36.87 -0.23 0.00	48.95 1.31 0.00	75.64 3.13 0.00	73.68 2.68 0.00	60.94 1.72 0.00	43.75 0.42 0.00	29.50 -0.50 0.00
FOX_HILLS___ESR 323835	58.96 1.73 -18.70	58.64 1.67 -20.08	58.02 1.45 -20.97	58.02 1.42 -22.93	58.02 1.40 -21.21	58.52 1.64 -16.02	61.23 2.15 -8.10	147.19 6.61 0.00	87.88 3.24 -13.86	64.19 2.07 -25.43	59.90 2.16 -18.43	58.96 1.92 -21.24	58.85 1.68 -24.79	71.73 1.58 -42.07	58.84 1.61 -30.10	58.85 1.81 -28.53	63.86 2.02 -28.59	63.80 2.02 -24.67	66.17 2.11 -16.41	79.96 2.91 -4.53	89.25 2.94 -15.31	79.43 2.74 -17.47	60.17 2.21 -14.62	59.71 1.54 -28.18
FPL FAR_ROCK_GT1 24212	40.76 2.23 0.00	39.02 2.14 0.00	37.54 1.95 0.00	35.47 1.79 0.00	37.04 1.64 0.00	42.62 1.76 0.00	53.14 2.16 0.00	146.56 5.99 0.00	73.73 2.95 0.00	38.60 1.92 0.00	41.39 2.07 0.00	37.54 1.74 0.00	33.88 1.50 0.00	29.50 1.42 0.00	28.55 1.42 0.00	30.22 1.71 0.00	35.31 2.05 0.00	39.20 2.09 0.00	49.98 2.34 0.00	75.67 3.15 0.00	74.38 3.38 0.00	62.45 3.24 0.00	45.97 2.63 0.00	31.84 1.85 0.00



FPL FAR_ROCK_GT2 23815	40.76 2.23 0.00	39.02 2.14 0.00	37.54 1.95 0.00	35.47 1.79 0.00	37.04 1.64 0.00	42.62 1.76 0.00	53.14 2.16 0.00	146.56 5.99 0.00	73.73 2.95 0.00	38.60 1.92 0.00	41.39 2.07 0.00	37.54 1.74 0.00	33.88 1.50 0.00	29.50 1.42 0.00	28.55 1.42 0.00	30.22 1.71 0.00	35.31 2.05 0.00	39.20 2.09 0.00	49.98 2.34 0.00	75.67 3.15 0.00	74.38 3.38 0.00	62.45 3.24 0.00	45.97 2.63 0.00	31.84 1.85 0.00
FRANKLIN_FALL_HYD 24054	40.15 1.61 0.00	38.43 1.55 0.00	37.05 1.46 0.00	34.99 1.32 0.00	36.78 1.37 0.00	42.45 1.59 0.00	52.85 1.87 0.00	145.37 4.79 0.00	73.66 2.88 0.00	38.15 1.47 0.00	40.83 1.51 0.00	36.93 1.13 0.00	33.38 0.99 0.00	28.74 0.66 0.00	27.78 0.65 0.00	29.26 0.75 0.00	34.49 1.23 0.00	38.68 1.57 0.00	49.93 2.29 0.00	76.07 3.55 0.00	74.37 3.37 0.00	61.93 2.71 0.00	45.06 1.72 0.00	30.85 0.86 0.00
FREEPORT_EQUS_GT1 23764	40.50 1.96 0.00	38.78 1.90 0.00	37.33 1.73 0.00	35.26 1.58 0.00	36.77 1.37 0.00	42.30 1.44 0.00	52.62 1.64 0.00	144.68 4.10 0.00	73.09 2.31 0.00	38.29 1.61 0.00	41.02 1.71 0.00	37.19 1.40 0.00	33.55 1.16 0.00	29.23 1.14 0.00	28.28 1.16 0.00	29.95 1.44 0.00	34.99 1.74 0.00	38.87 1.76 0.00	49.55 1.91 0.00	74.99 2.48 0.00	73.74 2.74 0.00	62.00 2.78 0.00	45.65 2.31 0.00	31.66 1.67 0.00
FREEPORT___CT2 23818	40.50 1.96 0.00	38.78 1.90 0.00	37.33 1.73 0.00	35.26 1.58 0.00	36.77 1.37 0.00	42.30 1.44 0.00	52.62 1.64 0.00	144.68 4.10 0.00	73.09 2.31 0.00	38.29 1.61 0.00	41.02 1.71 0.00	37.19 1.40 0.00	33.55 1.16 0.00	29.23 1.14 0.00	28.28 1.16 0.00	29.95 1.44 0.00	34.99 1.74 0.00	38.87 1.76 0.00	49.55 1.91 0.00	74.99 2.48 0.00	73.74 2.74 0.00	62.00 2.78 0.00	45.65 2.31 0.00	31.66 1.67 0.00
FRESHKLS_33_KV_LOAD 356253	58.96 1.73 -18.70	58.62 1.66 -20.08	57.99 1.43 -20.97	57.99 1.39 -22.93	57.99 1.38 -21.21	58.50 1.62 -16.02	61.17 2.09 -8.10	146.97 6.39 0.00	87.77 3.13 -13.86	64.17 2.05 -25.43	59.87 2.13 -18.43	58.92 1.88 -21.24	58.80 1.62 -24.79	71.69 1.54 -42.07	58.79 1.56 -30.10	58.78 1.74 -28.53	63.81 1.97 -28.59	63.75 1.97 -24.67	66.14 2.08 -16.41	79.88 2.84 -4.53	89.20 2.90 -15.31	79.44 2.76 -17.47	60.18 2.22 -14.62	59.71 1.54 -28.18
FULTON COGEN____ 23766	36.98 -1.55 0.00	35.38 -1.51 0.00	34.16 -1.43 0.00	32.33 -1.34 0.00	34.03 -1.37 0.00	39.28 -1.58 0.00	48.99 -2.00 0.00	135.42 -5.16 0.00	68.08 -2.70 0.00	35.17 -1.51 0.00	37.75 -1.56 0.00	34.40 -1.40 0.00	31.12 -1.27 0.00	26.94 -1.14 0.00	25.99 -1.14 0.00	27.26 -1.25 0.00	31.76 -1.50 0.00	35.51 -1.60 0.00	45.69 -1.95 0.00	69.72 -2.79 0.00	68.16 -2.84 0.00	56.77 -2.45 0.00	41.51 -1.82 0.00	28.80 -1.20 0.00
FULTON___LFGE 323630	40.40 1.86 0.00	38.60 1.71 0.00	37.23 1.64 0.00	35.21 1.54 0.00	37.00 1.60 0.00	42.76 1.90 0.00	53.65 2.67 0.00	148.37 7.80 0.00	73.67 2.90 0.00	37.20 0.51 0.00	39.47 0.15 0.00	35.99 0.19 0.00	32.52 0.14 0.00	28.17 0.08 0.00	27.16 0.03 0.00	28.56 0.04 0.00	33.47 0.21 0.00	37.99 0.88 0.00	50.02 2.38 0.00	76.77 4.26 0.00	75.15 4.15 0.00	62.56 3.34 0.00	45.58 2.24 0.00	31.38 1.39 0.00
G.F.CEMENT___DRP 24184	41.05 2.52 0.00	39.31 2.42 0.00	37.79 2.20 0.00	35.68 2.01 0.00	37.32 1.92 0.00	43.03 2.17 0.00	53.96 2.98 0.00	148.90 8.33 0.00	74.20 3.42 0.00	38.03 1.34 0.00	40.49 1.17 0.00	36.88 1.08 0.00	33.24 0.86 0.00	28.72 0.63 0.00	27.77 0.64 0.00	29.24 0.73 0.00	34.35 1.10 0.00	38.50 1.40 0.00	49.73 2.09 0.00	75.62 3.10 0.00	74.39 3.39 0.00	61.98 2.77 0.00	45.36 2.02 0.00	31.51 1.51 0.00
GARDENVILLE___LBMP 24039	35.00 -2.81 0.72	33.64 -2.77 0.47	32.91 -2.68 0.00	31.29 -2.38 0.00	32.56 -2.37 0.48	38.52 -2.34 0.00	47.48 -3.46 0.04	122.25 -9.68 8.65	58.45 -4.44 7.89	34.66 -2.02 0.00	37.38 -1.94 0.00	33.94 -1.85 0.00	30.73 -1.65 0.00	26.63 -1.45 0.00	25.72 -1.41 0.00	26.95 -1.56 0.00	31.21 -2.05 0.00	34.56 -2.55 0.00	44.13 -3.51 0.00	67.50 -5.01 0.00	65.47 -5.53 0.00	54.39 -4.83 0.00	39.86 -3.48 0.00	27.62 -2.38 0.00
GARDNVLA_35_KV_LD 355827	35.31 -2.57 0.66	33.90 -2.55 0.43	33.13 -2.46 0.00	31.50 -2.17 0.00	32.81 -2.15 0.44	38.77 -2.10 0.00	47.79 -3.16 0.03	123.70 -8.88 7.99	59.45 -4.02 7.31	34.88 -1.80 0.00	37.62 -1.70 0.00	34.15 -1.65 0.00	30.94 -1.45 0.00	26.81 -1.27 0.00	25.89 -1.24 0.00	27.15 -1.36 0.00	31.44 -1.81 0.00	34.83 -2.27 0.00	44.47 -3.17 0.00	67.99 -4.52 0.00	65.96 -5.04 0.00	54.80 -4.42 0.00	40.16 -3.18 0.00	27.83 -2.16 0.00
GELCKHM___115KV_LOAD 80723	37.28 -1.25 0.00	35.67 -1.21 0.00	34.43 -1.17 0.00	32.59 -1.09 0.00	34.31 -1.10 0.00	39.62 -1.24 0.00	49.38 -1.60 0.00	136.55 -4.03 0.00	68.64 -2.13 0.00	35.46 -1.22 0.00	38.06 -1.25 0.00	34.68 -1.12 0.00	31.38 -1.01 0.00	27.19 -0.90 0.00	26.22 -0.90 0.00	27.51 -1.00 0.00	32.04 -1.22 0.00	35.79 -1.32 0.00	46.04 -1.60 0.00	70.23 -2.29 0.00	68.64 -2.36 0.00	57.17 -2.05 0.00	41.82 -1.52 0.00	29.00 -0.99 0.00
GENERAL___MILLS 23808	35.19 -2.66 0.68	33.80 -2.64 0.45	33.05 -2.54 0.00	31.42 -2.25 0.00	32.72 -2.23 0.45	38.67 -2.19 0.00	47.66 -3.28 0.03	123.11 -9.26 8.21	59.05 -4.22 7.50	34.77 -1.91 0.00	37.50 -1.82 0.00	34.05 -1.75 0.00	30.83 -1.55 0.00	26.72 -1.36 0.00	25.80 -1.32 0.00	27.05 -1.46 0.00	31.33 -1.93 0.00	34.70 -2.41 0.00	44.31 -3.33 0.00	67.76 -4.76 0.00	65.74 -5.26 0.00	54.60 -4.61 0.00	40.03 -3.31 0.00	27.74 -2.25 0.00
GE_PLASTICS___DRP 24183	39.58 1.04 0.00	37.89 1.00 0.00	36.56 0.97 0.00	34.58 0.91 0.00	36.35 0.94 0.00	41.92 1.06 0.00	52.39 1.41 0.00	144.59 4.02 0.00	72.52 1.74 0.00	37.53 0.85 0.00	40.15 0.83 0.00	36.58 0.78 0.00	33.10 0.71 0.00	28.71 0.63 0.00	27.76 0.64 0.00	29.20 0.68 0.00	34.07 0.81 0.00	38.01 0.90 0.00	48.78 1.14 0.00	74.13 1.62 0.00	72.73 1.73 0.00	60.74 1.52 0.00	44.51 1.17 0.00	30.86 0.86 0.00
GILBOA___1 23756	39.16 0.63 0.00	37.49 0.60 0.00	36.17 0.57 0.00	34.22 0.54 0.00	36.04 0.64 0.00	41.47 0.62 0.00	51.78 0.80 0.00	142.91 2.33 0.00	71.78 1.01 0.00	37.27 0.59 0.00	39.90 0.59 0.00	36.43 0.64 0.00	32.96 0.57 0.00	28.63 0.54 0.00	27.68 0.55 0.00	29.05 0.53 0.00	33.84 0.58 0.00	37.71 0.60 0.00	48.25 0.61 0.00	73.36 0.85 0.00	71.93 0.93 0.00	60.11 0.89 0.00	44.09 0.75 0.00	30.54 0.55 0.00
GILBOA___2 23757	39.16 0.63 0.00	37.49 0.60 0.00	36.17 0.57 0.00	34.22 0.54 0.00	36.04 0.64 0.00	41.47 0.62 0.00	51.78 0.80 0.00	142.91 2.33 0.00	71.78 1.01 0.00	37.27 0.59 0.00	39.90 0.59 0.00	36.43 0.64 0.00	32.96 0.57 0.00	28.63 0.54 0.00	27.68 0.55 0.00	29.05 0.53 0.00	33.84 0.58 0.00	37.71 0.60 0.00	48.25 0.61 0.00	73.36 0.85 0.00	71.93 0.93 0.00	60.11 0.89 0.00	44.09 0.75 0.00	30.54 0.55 0.00

GILBOA___3 23758	39.16 0.63 0.00	37.49 0.60 0.00	36.17 0.57 0.00	34.22 0.54 0.00	36.04 0.64 0.00	41.47 0.62 0.00	51.78 0.80 0.00	142.91 2.33 0.00	71.78 1.01 0.00	37.27 0.59 0.00	39.90 0.59 0.00	36.43 0.64 0.00	32.96 0.57 0.00	28.63 0.54 0.00	27.68 0.55 0.00	29.05 0.53 0.00	33.84 0.58 0.00	37.71 0.60 0.00	48.25 0.61 0.00	73.36 0.85 0.00	71.93 0.93 0.00	60.11 0.89 0.00	44.09 0.75 0.00	30.54 0.55 0.00
GILBOA___4 23759	39.16 0.63 0.00	37.49 0.60 0.00	36.17 0.57 0.00	34.22 0.54 0.00	36.04 0.64 0.00	41.47 0.62 0.00	51.78 0.80 0.00	142.91 2.33 0.00	71.78 1.01 0.00	37.27 0.59 0.00	39.90 0.59 0.00	36.43 0.64 0.00	32.96 0.57 0.00	28.63 0.54 0.00	27.68 0.55 0.00	29.05 0.53 0.00	33.84 0.58 0.00	37.71 0.60 0.00	48.25 0.61 0.00	73.36 0.85 0.00	71.93 0.93 0.00	60.11 0.89 0.00	44.09 0.75 0.00	30.54 0.55 0.00
GILBOA___ 23599	39.17 0.63 0.00	37.49 0.60 0.00	36.17 0.57 0.00	34.22 0.55 0.00	36.04 0.64 0.00	41.47 0.62 0.00	51.78 0.80 0.00	142.91 2.33 0.00	71.79 1.01 0.00	37.27 0.59 0.00	39.90 0.59 0.00	36.43 0.63 0.00	32.96 0.57 0.00	28.62 0.54 0.00	27.68 0.56 0.00	29.05 0.53 0.00	33.84 0.58 0.00	37.71 0.60 0.00	48.25 0.61 0.00	73.36 0.85 0.00	71.93 0.94 0.00	60.10 0.89 0.00	44.09 0.75 0.00	30.54 0.55 0.00
GINNA___ 23603	35.09 -3.44 0.00	33.55 -3.34 0.00	32.35 -3.24 0.00	30.69 -2.98 0.00	32.37 -3.04 0.00	37.51 -3.35 0.00	46.65 -4.33 0.00	128.93 -11.64 0.00	64.99 -5.79 0.00	33.51 -3.17 0.00	35.92 -3.39 0.00	32.67 -3.13 0.00	29.54 -2.85 0.00	25.62 -2.47 0.00	24.72 -2.40 0.00	25.90 -2.61 0.00	30.13 -3.13 0.00	33.65 -3.46 0.00	43.34 -4.31 0.00	66.19 -6.32 0.00	64.42 -6.58 0.00	53.56 -5.65 0.00	39.17 -4.17 0.00	27.17 -2.82 0.00
GLEN PARK___ 23778	37.69 -0.84 0.00	35.95 -0.94 0.00	34.64 -0.96 0.00	32.80 -0.88 0.00	34.58 -0.82 0.00	40.17 -0.69 0.00	50.80 -0.18 0.00	141.91 1.34 0.00	71.04 0.26 0.00	36.03 -0.66 0.00	37.81 -1.51 0.00	34.33 -1.46 0.00	31.28 -1.11 0.00	26.79 -1.29 0.00	25.87 -1.25 0.00	27.44 -1.08 0.00	32.26 -0.99 0.00	36.78 -0.33 0.00	49.03 1.39 0.00	75.93 3.41 0.00	73.96 2.96 0.00	61.14 1.92 0.00	43.89 0.56 0.00	29.61 -0.39 0.00
GLENDALE_27_KV_LOAD 356172	40.18 1.65 0.00	38.50 1.62 0.00	37.03 1.43 0.00	35.04 1.37 0.00	36.76 1.36 0.00	42.42 1.56 0.00	53.10 2.12 0.00	147.37 6.79 0.00	74.04 3.26 0.00	38.73 2.04 0.00	41.42 2.10 0.00	37.67 1.86 -0.01	35.24 1.65 -1.21	31.85 1.57 -2.20	30.30 1.60 -1.58	31.83 1.84 -1.48	36.60 2.01 -1.33	39.52 2.00 -0.41	49.77 2.13 0.00	75.57 3.06 0.00	74.00 3.00 0.00	61.88 2.67 0.00	45.45 2.11 0.00	31.47 1.47 0.00
GLENWOOD_IC_1_G5 23712	40.48 1.94 0.00	38.76 1.88 0.00	37.31 1.71 0.00	35.25 1.57 0.00	36.80 1.39 0.00	42.34 1.48 0.00	52.76 1.78 0.00	145.59 5.02 0.00	73.29 2.52 0.00	38.39 1.70 0.00	41.14 1.82 0.00	37.32 1.52 0.00	33.68 1.29 0.00	29.34 1.25 0.00	28.40 1.27 0.00	30.06 1.55 0.00	35.10 1.84 0.00	38.95 1.85 0.00	49.63 1.99 0.00	75.11 2.60 0.00	73.81 2.81 0.00	62.00 2.79 0.00	45.62 2.28 0.00	31.63 1.64 0.00
GLENWOOD_IC_2_G1 23688	40.42 1.89 0.00	38.71 1.82 0.00	37.27 1.68 0.00	35.21 1.54 0.00	36.76 1.35 0.00	42.30 1.44 0.00	52.72 1.73 0.00	145.46 4.88 0.00	73.21 2.43 0.00	38.34 1.66 0.00	41.09 1.77 0.00	37.27 1.47 0.00	33.63 1.25 0.00	29.30 1.21 0.00	28.36 1.23 0.00	30.02 1.51 0.00	35.03 1.78 0.00	38.90 1.79 0.00	49.57 1.93 0.00	75.01 2.50 0.00	73.70 2.70 0.00	61.91 2.70 0.00	45.57 2.23 0.00	31.59 1.60 0.00
GLENWOOD_IC_3_G1 23689	40.42 1.89 0.00	38.71 1.82 0.00	37.27 1.68 0.00	35.21 1.54 0.00	36.76 1.35 0.00	42.30 1.44 0.00	52.72 1.73 0.00	145.46 4.88 0.00	73.21 2.43 0.00	38.34 1.66 0.00	41.09 1.77 0.00	37.27 1.47 0.00	33.63 1.25 0.00	29.30 1.21 0.00	28.36 1.23 0.00	30.02 1.51 0.00	35.03 1.78 0.00	38.90 1.79 0.00	49.57 1.93 0.00	75.01 2.50 0.00	73.70 2.70 0.00	61.91 2.70 0.00	45.57 2.23 0.00	31.59 1.60 0.00
GLENWOOD___4 23550	40.48 1.94 0.00	38.76 1.88 0.00	37.31 1.71 0.00	35.25 1.57 0.00	36.80 1.39 0.00	42.34 1.48 0.00	52.76 1.78 0.00	145.59 5.02 0.00	73.29 2.52 0.00	38.39 1.70 0.00	41.14 1.82 0.00	37.32 1.52 0.00	33.68 1.29 0.00	29.34 1.25 0.00	28.40 1.27 0.00	30.06 1.55 0.00	35.10 1.84 0.00	38.95 1.85 0.00	49.63 1.99 0.00	75.11 2.60 0.00	73.81 2.81 0.00	62.00 2.79 0.00	45.62 2.28 0.00	31.63 1.64 0.00
GLENWOOD___5 23614	40.48 1.94 0.00	38.76 1.88 0.00	37.31 1.71 0.00	35.25 1.57 0.00	36.80 1.39 0.00	42.34 1.48 0.00	52.76 1.78 0.00	145.59 5.02 0.00	73.29 2.52 0.00	38.39 1.70 0.00	41.14 1.82 0.00	37.32 1.52 0.00	33.68 1.29 0.00	29.34 1.25 0.00	28.40 1.27 0.00	30.06 1.55 0.00	35.10 1.84 0.00	38.95 1.85 0.00	49.63 1.99 0.00	75.11 2.60 0.00	73.81 2.81 0.00	62.00 2.79 0.00	45.62 2.28 0.00	31.63 1.64 0.00
GLOBAL GREEN_PORT_GT1 23814	41.64 3.10 0.00	40.23 3.34 0.00	38.85 3.25 0.00	36.40 2.73 0.00	37.14 1.74 0.00	41.56 0.70 0.00	51.11 0.13 0.00	139.98 -0.59 0.00	70.28 -0.50 0.00	37.11 0.43 0.00	40.06 0.74 0.00	36.26 0.46 0.00	32.52 0.13 0.00	28.37 0.29 0.00	27.35 0.22 0.00	29.19 0.67 0.00	34.61 1.35 0.00	38.34 1.23 0.00	48.68 1.04 0.00	72.64 0.13 0.00	71.76 0.76 0.00	61.43 2.21 0.00	45.99 2.65 0.00	32.25 2.25 0.00
GLOBE___DSASP 323697	33.58 -4.06 0.89	32.40 -3.89 0.59	31.76 -3.83 0.01	30.18 -3.49 0.01	31.28 -3.53 0.59	37.02 -3.84 0.00	45.37 -5.56 0.04	114.25 -15.69 10.64	53.77 -7.34 9.67	33.13 -3.55 0.00	35.78 -3.53 0.00	32.59 -3.21 0.00	29.58 -2.81 0.00	25.64 -2.44 0.00	24.75 -2.37 0.00	25.94 -2.57 0.00	30.00 -3.26 0.00	33.17 -3.94 0.00	42.24 -5.40 0.00	64.48 -8.03 0.00	62.50 -8.50 0.00	51.89 -7.32 0.00	38.10 -5.23 0.00	26.55 -3.44 0.00
GOETHSLN___LBMP 323567	39.64 1.11 0.00	37.96 1.08 0.00	36.54 0.94 0.00	34.54 0.87 0.00	36.25 0.85 0.00	41.88 1.02 0.00	52.42 1.44 0.00	145.42 4.85 0.00	72.97 2.19 0.00	38.13 1.45 0.00	40.77 1.46 0.00	37.03 1.24 0.00	33.50 1.11 0.00	29.20 1.11 0.00	28.29 1.16 0.00	29.89 1.37 0.00	34.72 1.46 0.00	38.53 1.42 0.00	49.05 1.41 0.00	74.51 2.01 0.00	72.95 1.95 0.00	60.98 1.76 0.00	44.82 1.49 0.00	31.04 1.04 0.00
GOLAH___69_KV_TB 1_2 80279	36.37 -1.97 0.19	34.83 -1.93 0.13	33.69 -1.90 0.00	31.98 -1.70 0.00	33.60 -1.68 0.13	39.18 -1.68 0.00	48.62 -2.35 0.01	131.99 -6.26 2.32	65.70 -2.97 2.12	34.93 -1.75 0.00	37.42 -1.90 0.00	34.01 -1.78 0.00	30.80 -1.59 0.00	26.67 -1.41 0.00	25.73 -1.40 0.00	26.96 -1.55 0.00	31.31 -1.95 0.00	34.88 -2.23 0.00	44.95 -2.69 0.00	68.93 -3.59 0.00	67.09 -3.91 0.00	55.73 -3.49 0.00	40.79 -2.54 0.00	28.30 -1.70 0.00

GOODYEAR_LAKE_HYD 323669	39.36 0.83 0.00	37.63 0.74 0.00	36.31 0.72 0.00	34.36 0.68 0.00	36.17 0.77 0.00	41.82 0.97 0.00	52.39 1.40 0.00	144.96 4.38 0.00	72.81 2.04 0.00	37.64 0.96 0.00	40.24 0.93 0.00	36.66 0.86 0.00	33.09 0.70 0.00	28.72 0.64 0.00	27.75 0.62 0.00	29.18 0.66 0.00	34.05 0.79 0.00	38.11 1.00 0.00	48.99 1.35 0.00	74.72 2.21 0.00	73.06 2.06 0.00	60.80 1.59 0.00	44.43 1.10 0.00	30.62 0.63 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.76 -0.78 0.00	36.08 -0.81 0.00	34.85 -0.75 0.00	33.04 -0.63 0.00	34.77 -0.64 0.00	40.28 -0.58 0.00	50.24 -0.74 0.00	139.01 -1.57 0.00	69.84 -0.94 0.00	36.16 -0.52 0.00	38.78 -0.53 0.00	35.23 -0.57 0.00	31.84 -0.55 0.00	27.60 -0.48 0.00	26.69 -0.44 0.00	28.03 -0.49 0.00	32.64 -0.61 0.00	36.39 -0.72 0.00	46.73 -0.91 0.00	71.44 -1.07 0.00	69.79 -1.21 0.00	58.08 -1.13 0.00	42.54 -0.80 0.00	29.38 -0.62 0.00
GOUDEY___7 23579	37.76 -0.78 0.00	36.08 -0.81 0.00	34.85 -0.75 0.00	33.04 -0.63 0.00	34.77 -0.64 0.00	40.28 -0.58 0.00	50.24 -0.74 0.00	139.01 -1.57 0.00	69.84 -0.94 0.00	36.16 -0.52 0.00	38.78 -0.53 0.00	35.23 -0.57 0.00	31.84 -0.55 0.00	27.60 -0.48 0.00	26.69 -0.44 0.00	28.03 -0.49 0.00	32.64 -0.61 0.00	36.39 -0.72 0.00	46.73 -0.91 0.00	71.44 -1.07 0.00	69.79 -1.21 0.00	58.08 -1.13 0.00	42.54 -0.80 0.00	29.38 -0.62 0.00
GOUDEY___8 23580	37.76 -0.78 0.00	36.08 -0.81 0.00	34.85 -0.75 0.00	33.04 -0.63 0.00	34.77 -0.64 0.00	40.28 -0.58 0.00	50.24 -0.74 0.00	139.01 -1.57 0.00	69.84 -0.94 0.00	36.16 -0.52 0.00	38.78 -0.53 0.00	35.23 -0.57 0.00	31.84 -0.55 0.00	27.60 -0.48 0.00	26.69 -0.44 0.00	28.03 -0.49 0.00	32.64 -0.61 0.00	36.39 -0.72 0.00	46.73 -0.91 0.00	71.44 -1.07 0.00	69.79 -1.21 0.00	58.08 -1.13 0.00	42.54 -0.80 0.00	29.38 -0.62 0.00
GOWANUS_GT1_1 24077	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.44 3.13 -15.31	79.52 2.84 -17.47	60.22 2.26 -14.62	59.75 1.57 -28.18
GOWANUS_GT1_2 24078	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.44 3.13 -15.31	79.52 2.84 -17.47	60.22 2.26 -14.62	59.75 1.57 -28.18
GOWANUS_GT1_3 24079	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.44 3.13 -15.31	79.52 2.84 -17.47	60.22 2.26 -14.62	59.75 1.57 -28.18
GOWANUS_GT1_4 24080	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.44 3.13 -15.31	79.52 2.84 -17.47	60.22 2.26 -14.62	59.75 1.57 -28.18
GOWANUS_GT1_5 24084	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.44 3.13 -15.31	79.52 2.84 -17.47	60.22 2.26 -14.62	59.75 1.57 -28.18
GOWANUS_GT1_6 24111	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.44 3.13 -15.31	79.52 2.84 -17.47	60.22 2.26 -14.62	59.75 1.57 -28.18
GOWANUS_GT1_7 24112	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.44 3.13 -15.31	79.52 2.84 -17.47	60.22 2.26 -14.62	59.75 1.57 -28.18
GOWANUS_GT1_8 24113	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.44 3.13 -15.31	79.52 2.84 -17.47	60.22 2.26 -14.62	59.75 1.57 -28.18
GOWANUS_GT2_1 24114	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
GOWANUS_GT2_2 24115	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
GOWANUS_GT2_3 24116	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18

GOWANUS_GT2_4 24117	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
GOWANUS_GT2_5 24118	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
GOWANUS_GT2_6 24119	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
GOWANUS_GT2_7 24120	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
GOWANUS_GT2_8 24121	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
GOWANUS_GT3_1 24122	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.45 3.14 -15.31	79.52 2.84 -17.47	60.21 2.25 -14.62	59.75 1.58 -28.18
GOWANUS_GT3_2 24123	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.45 3.14 -15.31	79.52 2.84 -17.47	60.21 2.25 -14.62	59.75 1.58 -28.18
GOWANUS_GT3_3 24124	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.45 3.14 -15.31	79.52 2.84 -17.47	60.21 2.25 -14.62	59.75 1.58 -28.18
GOWANUS_GT3_4 24125	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.45 3.14 -15.31	79.52 2.84 -17.47	60.21 2.25 -14.62	59.75 1.58 -28.18
GOWANUS_GT3_5 24126	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.45 3.14 -15.31	79.52 2.84 -17.47	60.21 2.25 -14.62	59.75 1.58 -28.18
GOWANUS_GT3_6 24127	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.45 3.14 -15.31	79.52 2.84 -17.47	60.21 2.25 -14.62	59.75 1.58 -28.18
GOWANUS_GT3_7 24128	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.45 3.14 -15.31	79.52 2.84 -17.47	60.21 2.25 -14.62	59.75 1.58 -28.18
GOWANUS_GT3_8 24129	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.20 3.16 -4.53	89.45 3.14 -15.31	79.52 2.84 -17.47	60.21 2.25 -14.62	59.75 1.58 -28.18
GOWANUS_GT4_1 24130	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.84 -17.47	60.23 2.27 -14.62	59.75 1.57 -28.18
GOWANUS_GT4_2 24131	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.84 -17.47	60.23 2.27 -14.62	59.75 1.57 -28.18

GOWANUS_GT4_3 24132	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.84 -17.47	60.23 2.27 -14.62	59.75 1.57 -28.18
GOWANUS_GT4_4 24133	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.84 -17.47	60.23 2.27 -14.62	59.75 1.57 -28.18
GOWANUS_GT4_5 24134	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.84 -17.47	60.23 2.27 -14.62	59.75 1.57 -28.18
GOWANUS_GT4_6 24135	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.84 -17.47	60.23 2.27 -14.62	59.75 1.57 -28.18
GOWANUS_GT4_7 24136	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.84 -17.47	60.23 2.27 -14.62	59.75 1.57 -28.18
GOWANUS_GT4_8 24137	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.84 -17.47	60.23 2.27 -14.62	59.75 1.57 -28.18
GREENBSH_115KV_TB3 55895	39.75 1.22 0.00	38.06 1.18 0.00	36.71 1.12 0.00	34.73 1.05 0.00	36.51 1.10 0.00	42.10 1.25 0.00	52.64 1.66 0.00	145.23 4.66 0.00	72.81 2.04 0.00	37.67 0.99 0.00	40.30 0.98 0.00	36.71 0.91 0.00	33.21 0.82 0.00	28.81 0.72 0.00	27.85 0.73 0.00	29.31 0.79 0.00	34.20 0.94 0.00	38.16 1.05 0.00	48.99 1.34 0.00	74.46 1.95 0.00	73.05 2.05 0.00	61.01 1.80 0.00	44.71 1.37 0.00	31.01 1.01 0.00
GREENDGE_115KV_TB5 80291	38.58 -1.60 -1.65	36.40 -1.57 -1.09	34.09 -1.52 -0.01	32.34 -1.34 -0.01	35.18 -1.33 -1.10	39.62 -1.24 0.00	49.48 -1.58 -0.08	155.78 -4.33 -19.54	86.28 -2.21 -17.71	35.54 -1.14 0.00	37.94 -1.37 0.00	34.35 -1.45 0.00	31.02 -1.37 0.00	26.85 -1.24 0.00	25.91 -1.21 0.00	27.17 -1.34 0.00	31.62 -1.64 0.00	35.52 -1.59 0.00	46.04 -1.60 0.00	70.43 -2.08 0.00	68.58 -2.42 0.00	57.15 -2.07 0.00	41.86 -1.48 0.00	28.81 -1.18 0.00
GREENIDGE___3 23582	38.58 -1.60 -1.65	36.40 -1.57 -1.09	34.09 -1.52 -0.01	32.34 -1.34 -0.01	35.18 -1.33 -1.10	39.62 -1.24 0.00	49.48 -1.58 -0.08	155.78 -4.33 -19.54	86.28 -2.21 -17.71	35.54 -1.14 0.00	37.94 -1.37 0.00	34.35 -1.45 0.00	31.02 -1.37 0.00	26.85 -1.24 0.00	25.91 -1.21 0.00	27.17 -1.34 0.00	31.62 -1.64 0.00	35.52 -1.59 0.00	46.04 -1.60 0.00	70.43 -2.08 0.00	68.58 -2.42 0.00	57.15 -2.07 0.00	41.86 -1.48 0.00	28.81 -1.18 0.00
GREENIDGE___4 23583	38.59 -1.60 -1.65	36.41 -1.57 -1.09	34.09 -1.52 -0.01	32.34 -1.34 -0.01	35.18 -1.32 -1.10	39.62 -1.24 0.00	49.47 -1.59 -0.08	155.81 -4.30 -19.54	86.30 -2.19 -17.71	35.54 -1.14 0.00	37.94 -1.38 0.00	34.34 -1.46 0.00	31.02 -1.37 0.00	26.85 -1.23 0.00	25.92 -1.20 0.00	27.17 -1.34 0.00	31.63 -1.63 0.00	35.51 -1.59 0.00	46.03 -1.61 0.00	70.44 -2.08 0.00	68.58 -2.42 0.00	57.15 -2.07 0.00	41.86 -1.48 0.00	28.81 -1.19 0.00
GREENLWN_69_KV_BK 3 55738	40.42 1.89 0.00	38.74 1.86 0.00	37.30 1.70 0.00	35.23 1.56 0.00	36.64 1.23 0.00	42.00 1.14 0.00	52.09 1.11 0.00	143.54 2.96 0.00	72.34 1.56 0.00	38.03 1.34 0.00	40.83 1.52 0.00	37.01 1.21 0.00	33.41 1.02 0.00	29.08 1.00 0.00	28.16 1.03 0.00	29.83 1.32 0.00	34.83 1.58 0.00	38.61 1.50 0.00	49.11 1.47 0.00	74.06 1.55 0.00	72.87 1.87 0.00	61.53 2.32 0.00	45.45 2.11 0.00	31.58 1.58 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.84 -17.47	60.23 2.27 -14.62	59.75 1.57 -28.18
GRISSOM___SOLAR 323813	40.40 1.86 0.00	38.61 1.72 0.00	37.24 1.64 0.00	35.21 1.54 0.00	37.01 1.60 0.00	42.77 1.91 0.00	53.63 2.65 0.00	148.33 7.75 0.00	73.47 2.70 0.00	36.97 0.29 0.00	39.17 -0.14 0.00	35.74 -0.06 0.00	32.31 -0.08 0.00	27.97 -0.11 0.00	26.95 -0.17 0.00	28.36 -0.16 0.00	33.27 0.02 0.00	37.81 0.71 0.00	49.88 2.24 0.00	76.58 4.07 0.00	75.00 4.00 0.00	62.46 3.24 0.00	45.54 2.21 0.00	31.38 1.39 0.00
GROVEVILLE___HYD 323602	40.10 1.56 0.00	38.37 1.48 0.00	36.99 1.39 0.00	34.98 1.31 0.00	36.69 1.29 0.00	42.40 1.54 0.00	53.11 2.13 0.00	147.14 6.56 0.00	73.78 3.00 0.00	38.30 1.61 0.00	40.90 1.58 0.00	37.15 1.35 0.00	33.58 1.20 0.00	29.23 1.14 0.00	28.29 1.17 0.00	29.83 1.32 0.00	34.78 1.52 0.00	38.73 1.63 0.00	49.55 1.91 0.00	75.39 2.87 0.00	73.90 2.90 0.00	61.69 2.47 0.00	45.20 1.87 0.00	31.28 1.28 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.57 -0.96 0.00	35.95 -0.94 0.00	34.68 -0.91 0.00	32.83 -0.84 0.00	34.58 -0.82 0.00	39.96 -0.90 0.00	49.85 -1.13 0.00	137.83 -2.74 0.00	69.25 -1.53 0.00	35.72 -0.96 0.00	38.31 -1.00 0.00	34.91 -0.89 0.00	31.57 -0.82 0.00	27.36 -0.73 0.00	26.39 -0.74 0.00	27.69 -0.82 0.00	32.27 -0.99 0.00	36.08 -1.02 0.00	46.43 -1.22 0.00	70.85 -1.67 0.00	69.24 -1.76 0.00	57.65 -1.57 0.00	42.16 -1.18 0.00	29.22 -0.77 0.00

HAMLTNNY_34_KV_TB 80303	37.60 -0.93 0.00	35.97 -0.91 0.00	34.69 -0.91 0.00	32.83 -0.84 0.00	34.60 -0.80 0.00	40.03 -0.83 0.00	49.93 -1.05 0.00	138.10 -2.48 0.00	69.34 -1.44 0.00	35.70 -0.99 0.00	38.24 -1.07 0.00	34.80 -1.00 0.00	31.44 -0.94 0.00	27.28 -0.80 0.00	26.35 -0.78 0.00	27.66 -0.85 0.00	32.23 -1.03 0.00	36.07 -1.04 0.00	46.46 -1.19 0.00	70.93 -1.58 0.00	69.32 -1.68 0.00	57.66 -1.55 0.00	42.18 -1.16 0.00	29.24 -0.76 0.00
HAMPSHIRE___PAPER_HYD 323593	38.44 -0.10 0.00	36.73 -0.16 0.00	35.43 -0.16 0.00	33.51 -0.17 0.00	35.17 -0.23 0.00	40.67 -0.18 0.00	50.94 -0.04 0.00	141.08 0.50 0.00	71.08 0.30 0.00	36.55 -0.13 0.00	38.84 -0.48 0.00	35.28 -0.51 0.00	32.01 -0.37 0.00	27.57 -0.52 0.00	26.62 -0.50 0.00	28.17 -0.35 0.00	33.13 -0.12 0.00	37.36 0.25 0.00	48.79 1.15 0.00	74.74 2.23 0.00	72.87 1.87 0.00	60.52 1.30 0.00	43.76 0.42 0.00	29.82 -0.18 0.00
HARDSCRABBLE_WT_PWR 323673	38.79 0.25 0.00	36.97 0.09 0.00	35.62 0.02 0.00	33.58 -0.09 0.00	35.21 -0.19 0.00	40.69 -0.17 0.00	51.26 0.28 0.00	141.60 1.02 0.00	70.47 -0.31 0.00	35.93 -0.75 0.00	38.30 -1.02 0.00	34.87 -0.93 0.00	31.48 -0.91 0.00	27.33 -0.76 0.00	26.44 -0.68 0.00	27.90 -0.61 0.00	32.68 -0.57 0.00	36.84 -0.27 0.00	47.83 0.19 0.00	73.03 0.51 0.00	71.72 0.72 0.00	59.91 0.70 0.00	43.77 0.44 0.00	30.10 0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.70 1.17 0.00	37.98 1.09 0.00	36.60 1.00 0.00	34.59 0.92 0.00	36.30 0.89 0.00	41.96 1.10 0.00	52.56 1.58 0.00	145.56 4.99 0.00	73.06 2.28 0.00	37.97 1.29 0.00	40.55 1.23 0.00	36.82 1.02 0.00	33.28 0.90 0.00	28.97 0.89 0.00	28.06 0.93 0.00	29.60 1.08 0.00	34.50 1.24 0.00	38.44 1.33 0.00	49.11 1.47 0.00	74.68 2.17 0.00	73.23 2.23 0.00	61.14 1.93 0.00	44.80 1.47 0.00	30.96 0.96 0.00
HARSNRAD_115KV_TB1 81005	33.78 -3.62 1.13	32.66 -3.48 0.75	32.20 -3.39 0.01	30.58 -3.08 0.01	31.57 -3.08 0.75	37.65 -3.21 0.00	46.23 -4.70 0.06	113.90 -13.21 13.47	52.41 -6.14 12.23	33.70 -2.99 0.00	36.28 -3.03 0.00	32.99 -2.81 0.00	29.95 -2.44 0.00	25.93 -2.16 0.00	25.02 -2.11 0.00	26.19 -2.32 0.00	30.30 -2.95 0.00	33.54 -3.57 0.00	42.94 -4.70 0.00	65.79 -6.72 0.00	63.79 -7.21 0.00	53.04 -6.18 0.00	38.92 -4.42 0.00	27.04 -2.95 0.00
HARZA MOOSE___RIVER 24016	38.30 -0.23 0.00	36.57 -0.32 0.00	35.25 -0.35 0.00	33.37 -0.31 0.00	35.09 -0.31 0.00	40.70 -0.16 0.00	51.30 0.32 0.00	142.71 2.13 0.00	71.62 0.85 0.00	36.73 0.04 0.00	39.02 -0.29 0.00	35.53 -0.27 0.00	32.20 -0.19 0.00	27.76 -0.33 0.00	26.83 -0.30 0.00	28.39 -0.12 0.00	33.33 0.07 0.00	37.61 0.50 0.00	49.02 1.38 0.00	75.13 2.62 0.00	73.34 2.34 0.00	60.86 1.65 0.00	44.02 0.68 0.00	30.01 0.02 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.27 -1.27 0.00	35.66 -1.23 0.00	34.42 -1.17 0.00	32.59 -1.09 0.00	34.31 -1.10 0.00	39.62 -1.24 0.00	49.39 -1.59 0.00	136.56 -4.02 0.00	68.67 -2.11 0.00	35.50 -1.19 0.00	38.10 -1.21 0.00	34.71 -1.09 0.00	31.41 -0.98 0.00	27.21 -0.88 0.00	26.25 -0.88 0.00	27.54 -0.98 0.00	32.06 -1.20 0.00	35.80 -1.31 0.00	46.03 -1.61 0.00	70.23 -2.29 0.00	68.63 -2.37 0.00	57.16 -2.05 0.00	41.82 -1.52 0.00	29.00 -0.99 0.00
HELLGATE_13_KV_LD 55870	40.02 1.49 0.00	38.35 1.46 0.00	36.90 1.30 0.00	34.91 1.23 0.00	36.62 1.22 0.00	42.23 1.37 0.00	52.84 1.86 0.00	146.61 6.04 0.00	73.65 2.88 0.00	38.53 1.85 0.00	41.23 1.91 0.00	37.50 1.69 -0.01	35.09 1.50 -1.21	31.71 1.43 -2.20	30.16 1.46 -1.58	31.69 1.69 -1.49	36.43 1.84 -1.33	39.32 1.80 -0.41	49.48 1.85 0.00	75.15 2.63 0.00	73.61 2.61 0.00	61.54 2.33 0.00	45.24 1.90 0.00	31.33 1.34 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.02 1.49 0.00	38.35 1.46 0.00	36.90 1.30 0.00	34.91 1.23 0.00	36.62 1.22 0.00	42.23 1.37 0.00	52.84 1.86 0.00	146.61 6.04 0.00	73.65 2.88 0.00	38.53 1.85 0.00	41.23 1.91 0.00	37.50 1.69 -0.01	35.09 1.50 -1.21	31.71 1.43 -2.20	30.16 1.46 -1.58	31.69 1.69 -1.49	36.43 1.84 -1.33	39.32 1.80 -0.41	49.48 1.85 0.00	75.15 2.63 0.00	73.61 2.61 0.00	61.54 2.33 0.00	45.24 1.90 0.00	31.33 1.34 0.00
HEMPSTEAD___ 23647	40.29 1.76 0.00	38.59 1.71 0.00	37.15 1.55 0.00	35.09 1.42 0.00	36.61 1.21 0.00	42.11 1.25 0.00	52.45 1.46 0.00	144.58 4.00 0.00	72.81 2.04 0.00	38.16 1.48 0.00	40.90 1.59 0.00	37.09 1.29 0.00	33.46 1.08 0.00	29.15 1.06 0.00	28.21 1.08 0.00	29.88 1.37 0.00	34.89 1.63 0.00	38.73 1.62 0.00	49.35 1.71 0.00	74.64 2.13 0.00	73.39 2.40 0.00	61.68 2.46 0.00	45.41 2.07 0.00	31.49 1.50 0.00
HEWLETT_69_KV_BK3 55828	40.59 2.06 0.00	38.86 1.98 0.00	37.40 1.80 0.00	35.33 1.65 0.00	36.89 1.49 0.00	42.43 1.57 0.00	52.89 1.91 0.00	145.94 5.36 0.00	73.41 2.63 0.00	38.45 1.77 0.00	41.22 1.91 0.00	37.39 1.59 0.00	33.75 1.37 0.00	29.39 1.31 0.00	28.45 1.32 0.00	30.11 1.60 0.00	35.16 1.90 0.00	39.03 1.92 0.00	49.75 2.11 0.00	75.30 2.79 0.00	74.03 3.03 0.00	62.18 2.96 0.00	45.78 2.44 0.00	31.72 1.72 0.00
HICKLING___1 23621	37.12 -1.95 -0.54	35.30 -1.94 -0.35	33.79 -1.81 0.00	32.09 -1.58 0.00	34.15 -1.62 -0.36	39.38 -1.48 0.00	49.18 -1.82 -0.03	142.75 -4.20 -6.38	74.42 -2.15 -5.80	35.56 -1.13 0.00	38.15 -1.16 0.00	34.56 -1.24 0.00	31.20 -1.19 0.00	27.01 -1.07 0.00	26.12 -1.01 0.00	27.40 -1.11 0.00	31.89 -1.37 0.00	35.63 -1.48 0.00	45.97 -1.67 0.00	70.69 -1.83 0.00	68.82 -2.18 0.00	57.16 -2.06 0.00	41.79 -1.55 0.00	28.65 -1.34 0.00
HICKLING___2 23622	37.12 -1.95 -0.54	35.30 -1.94 -0.35	33.79 -1.81 0.00	32.09 -1.58 0.00	34.15 -1.62 -0.36	39.38 -1.48 0.00	49.18 -1.82 -0.03	142.75 -4.20 -6.38	74.42 -2.15 -5.80	35.56 -1.13 0.00	38.15 -1.16 0.00	34.56 -1.24 0.00	31.20 -1.19 0.00	27.01 -1.07 0.00	26.12 -1.01 0.00	27.40 -1.11 0.00	31.89 -1.37 0.00	35.63 -1.48 0.00	45.97 -1.67 0.00	70.69 -1.83 0.00	68.82 -2.18 0.00	57.16 -2.06 0.00	41.79 -1.55 0.00	28.65 -1.34 0.00
HIGH FALLS___HY 23754	40.07 1.53 0.00	38.32 1.44 0.00	36.95 1.35 0.00	34.93 1.26 0.00	36.68 1.28 0.00	42.39 1.53 0.00	53.14 2.16 0.00	147.34 6.76 0.00	73.93 3.15 0.00	38.32 1.63 0.00	40.78 1.46 0.00	36.92 1.12 0.00	33.37 0.99 0.00	29.01 0.92 0.00	28.08 0.96 0.00	29.60 1.09 0.00	34.51 1.25 0.00	38.52 1.42 0.00	49.41 1.77 0.00	75.33 2.82 0.00	73.87 2.87 0.00	61.65 2.44 0.00	45.18 1.84 0.00	31.21 1.23 0.00
HIGH_RIVER___SOLAR 323847	39.81 1.27 0.00	38.08 1.19 0.00	36.73 1.14 0.00	34.74 1.07 0.00	36.50 1.10 0.00	42.13 1.27 0.00	52.74 1.76 0.00	145.70 5.12 0.00	72.65 1.87 0.00	37.03 0.35 0.00	39.29 -0.02 0.00	35.74 -0.06 0.00	32.33 -0.05 0.00	28.04 -0.04 0.00	27.07 -0.05 0.00	28.47 -0.04 0.00	33.36 0.10 0.00	37.65 0.54 0.00	49.08 1.44 0.00	75.02 2.51 0.00	73.51 2.51 0.00	61.29 2.08 0.00	44.81 1.47 0.00	30.97 0.97 0.00

HILLBURN___GT 23639	39.55 1.02 0.00	37.84 0.96 0.00	36.46 0.87 0.00	34.46 0.79 0.00	36.15 0.74 0.00	41.77 0.91 0.00	52.34 1.36 0.00	144.91 4.33 0.00	72.76 1.98 0.00	37.88 1.19 0.00	40.46 1.15 0.00	36.75 0.95 0.00	33.22 0.84 0.00	28.94 0.86 0.00	28.03 0.90 0.00	29.57 1.06 0.00	34.44 1.18 0.00	38.33 1.23 0.00	48.91 1.26 0.00	74.32 1.81 0.00	72.93 1.93 0.00	60.90 1.69 0.00	44.66 1.32 0.00	30.86 0.87 0.00
HILLSIDE_115KV_TB1 80332	37.08 -1.94 -0.48	35.25 -1.95 -0.32	33.79 -1.81 0.00	32.10 -1.58 0.00	34.10 -1.62 -0.32	39.32 -1.54 0.00	49.00 -2.00 -0.02	141.26 -5.01 -5.70	73.22 -2.74 -5.18	35.30 -1.38 0.00	37.97 -1.35 0.00	34.38 -1.42 0.00	31.05 -1.34 0.00	26.90 -1.18 0.00	26.05 -1.07 0.00	27.34 -1.17 0.00	31.83 -1.43 0.00	35.45 -1.66 0.00	45.52 -2.12 0.00	69.83 -2.68 0.00	68.10 -2.90 0.00	56.61 -2.60 0.00	41.48 -1.86 0.00	28.53 -1.46 0.00
HISHELDN_WT_PWR 323625	28.57 -4.35 5.61	29.08 -4.11 3.70	31.61 -3.96 0.03	30.02 -3.61 0.04	28.04 -3.62 3.75	37.25 -3.61 0.00	46.01 -4.70 0.27	62.09 -12.12 66.36	4.97 -5.67 60.14	33.82 -2.86 0.00	36.33 -2.98 0.00	33.02 -2.78 0.00	29.88 -2.50 0.00	25.81 -2.27 0.00	24.94 -2.19 0.00	26.06 -2.45 0.00	30.18 -3.07 0.00	33.59 -3.52 0.00	43.62 -4.03 0.00	67.42 -5.09 0.00	65.29 -5.71 0.00	54.03 -5.18 0.00	39.42 -3.92 0.00	27.06 -2.93 0.00
HOLTSVILLE_IC_1 23690	40.73 2.19 0.00	39.04 2.16 0.00	37.61 2.02 0.00	35.52 1.84 0.00	36.84 1.43 0.00	42.05 1.20 0.00	51.98 1.00 0.00	142.77 2.19 0.00	71.89 1.11 0.00	37.90 1.21 0.00	40.77 1.46 0.00	36.94 1.14 0.00	33.28 0.89 0.00	28.99 0.91 0.00	28.01 0.88 0.00	29.72 1.21 0.00	34.88 1.63 0.00	38.74 1.63 0.00	49.31 1.67 0.00	73.98 1.46 0.00	72.90 1.90 0.00	61.67 2.46 0.00	45.64 2.30 0.00	31.84 1.85 0.00
HOLTSVILLE_IC_10 23699	40.90 2.37 0.00	39.20 2.32 0.00	37.77 2.17 0.00	35.66 1.98 0.00	36.99 1.58 0.00	42.24 1.38 0.00	52.19 1.21 0.00	143.33 2.75 0.00	72.15 1.38 0.00	38.04 1.35 0.00	40.93 1.61 0.00	37.06 1.26 0.00	33.38 0.99 0.00	29.07 0.99 0.00	28.08 0.95 0.00	29.81 1.30 0.00	35.01 1.76 0.00	38.92 1.81 0.00	49.57 1.93 0.00	74.33 1.82 0.00	73.25 2.25 0.00	61.98 2.77 0.00	45.84 2.50 0.00	31.97 1.98 0.00
HOLTSVILLE_IC_2 23691	40.73 2.19 0.00	39.04 2.16 0.00	37.61 2.02 0.00	35.52 1.84 0.00	36.84 1.43 0.00	42.05 1.20 0.00	51.98 1.00 0.00	142.77 2.19 0.00	71.89 1.11 0.00	37.90 1.21 0.00	40.77 1.46 0.00	36.94 1.14 0.00	33.28 0.89 0.00	28.99 0.91 0.00	28.01 0.88 0.00	29.72 1.21 0.00	34.88 1.63 0.00	38.74 1.63 0.00	49.31 1.67 0.00	73.98 1.46 0.00	72.90 1.90 0.00	61.67 2.46 0.00	45.64 2.30 0.00	31.84 1.85 0.00
HOLTSVILLE_IC_3 23692	40.73 2.19 0.00	39.04 2.16 0.00	37.61 2.02 0.00	35.52 1.84 0.00	36.84 1.43 0.00	42.05 1.20 0.00	51.98 1.00 0.00	142.77 2.19 0.00	71.89 1.11 0.00	37.90 1.21 0.00	40.77 1.46 0.00	36.94 1.14 0.00	33.28 0.89 0.00	28.99 0.91 0.00	28.01 0.88 0.00	29.72 1.21 0.00	34.88 1.63 0.00	38.74 1.63 0.00	49.31 1.67 0.00	73.98 1.46 0.00	72.90 1.90 0.00	61.67 2.46 0.00	45.64 2.30 0.00	31.84 1.85 0.00
HOLTSVILLE_IC_4 23693	40.73 2.19 0.00	39.04 2.16 0.00	37.61 2.02 0.00	35.52 1.84 0.00	36.84 1.43 0.00	42.05 1.20 0.00	51.98 1.00 0.00	142.77 2.19 0.00	71.89 1.11 0.00	37.90 1.21 0.00	40.77 1.46 0.00	36.94 1.14 0.00	33.28 0.89 0.00	28.99 0.91 0.00	28.01 0.88 0.00	29.72 1.21 0.00	34.88 1.63 0.00	38.74 1.63 0.00	49.31 1.67 0.00	73.98 1.46 0.00	72.90 1.90 0.00	61.67 2.46 0.00	45.64 2.30 0.00	31.84 1.85 0.00
HOLTSVILLE_IC_5 23694	40.73 2.19 0.00	39.04 2.16 0.00	37.61 2.02 0.00	35.52 1.84 0.00	36.84 1.43 0.00	42.05 1.20 0.00	51.98 1.00 0.00	142.77 2.19 0.00	71.89 1.11 0.00	37.90 1.21 0.00	40.77 1.46 0.00	36.94 1.14 0.00	33.28 0.89 0.00	28.99 0.91 0.00	28.01 0.88 0.00	29.72 1.21 0.00	34.88 1.63 0.00	38.74 1.63 0.00	49.31 1.67 0.00	73.98 1.46 0.00	72.90 1.90 0.00	61.67 2.46 0.00	45.64 2.30 0.00	31.84 1.85 0.00
HOLTSVILLE_IC_6 23695	40.90 2.37 0.00	39.20 2.32 0.00	37.77 2.17 0.00	35.66 1.98 0.00	36.99 1.58 0.00	42.24 1.38 0.00	52.19 1.21 0.00	143.33 2.75 0.00	72.15 1.38 0.00	38.04 1.35 0.00	40.93 1.61 0.00	37.06 1.26 0.00	33.38 0.99 0.00	29.07 0.99 0.00	28.08 0.95 0.00	29.81 1.30 0.00	35.01 1.76 0.00	38.92 1.81 0.00	49.57 1.93 0.00	74.33 1.82 0.00	73.25 2.25 0.00	61.98 2.77 0.00	45.84 2.50 0.00	31.97 1.98 0.00
HOLTSVILLE_IC_7 23696	40.90 2.37 0.00	39.20 2.32 0.00	37.77 2.17 0.00	35.66 1.98 0.00	36.99 1.58 0.00	42.24 1.38 0.00	52.19 1.21 0.00	143.33 2.75 0.00	72.15 1.38 0.00	38.04 1.35 0.00	40.93 1.61 0.00	37.06 1.26 0.00	33.38 0.99 0.00	29.07 0.99 0.00	28.08 0.95 0.00	29.81 1.30 0.00	35.01 1.76 0.00	38.92 1.81 0.00	49.57 1.93 0.00	74.33 1.82 0.00	73.25 2.25 0.00	61.98 2.77 0.00	45.84 2.50 0.00	31.97 1.98 0.00
HOLTSVILLE_IC_8 23697	40.90 2.37 0.00	39.20 2.32 0.00	37.77 2.17 0.00	35.66 1.98 0.00	36.99 1.58 0.00	42.24 1.38 0.00	52.19 1.21 0.00	143.33 2.75 0.00	72.15 1.38 0.00	38.04 1.35 0.00	40.93 1.61 0.00	37.06 1.26 0.00	33.38 0.99 0.00	29.07 0.99 0.00	28.08 0.95 0.00	29.81 1.30 0.00	35.01 1.76 0.00	38.92 1.81 0.00	49.57 1.93 0.00	74.33 1.82 0.00	73.25 2.25 0.00	61.98 2.77 0.00	45.84 2.50 0.00	31.97 1.98 0.00
HOLTSVILLE_IC_9 23698	40.90 2.37 0.00	39.20 2.32 0.00	37.77 2.17 0.00	35.66 1.98 0.00	36.99 1.58 0.00	42.24 1.38 0.00	52.19 1.21 0.00	143.33 2.75 0.00	72.15 1.38 0.00	38.04 1.35 0.00	40.93 1.61 0.00	37.06 1.26 0.00	33.38 0.99 0.00	29.07 0.99 0.00	28.08 0.95 0.00	29.81 1.30 0.00	35.01 1.76 0.00	38.92 1.81 0.00	49.57 1.93 0.00	74.33 1.82 0.00	73.25 2.25 0.00	61.98 2.77 0.00	45.84 2.50 0.00	31.97 1.98 0.00
HOMER_HL_115KV_TB2 355744	36.81 -1.73 0.00	35.14 -1.75 0.00	34.01 -1.59 0.00	32.40 -1.28 0.00	34.02 -1.38 0.00	39.50 -1.36 0.00	49.05 -1.93 0.00	135.59 -4.98 0.00	68.49 -2.29 0.00	35.84 -0.84 0.00	38.62 -0.69 0.00	35.01 -0.79 0.00	31.59 -0.80 0.00	27.40 -0.68 0.00	26.49 -0.63 0.00	27.80 -0.71 0.00	32.04 -1.22 0.00	35.38 -1.73 0.00	45.27 -2.37 0.00	69.60 -2.91 0.00	67.63 -3.37 0.00	56.10 -3.11 0.00	41.25 -2.09 0.00	28.46 -1.53 0.00
HOWARD_WT_PWR 323690	37.55 -4.53 -3.55	35.22 -4.01 -2.34	31.68 -3.94 -0.02	30.13 -3.57 -0.02	34.08 -3.69 -2.37	36.99 -3.86 0.00	46.50 -4.65 -0.17	172.47 -10.17 -42.07	104.79 -4.15 -38.16	34.86 -1.83 0.00	37.34 -1.98 0.00	33.81 -1.99 0.00	30.49 -1.90 0.00	26.27 -1.82 0.00	25.23 -1.90 0.00	26.37 -2.14 0.00	30.55 -2.71 0.00	34.45 -2.65 0.00	45.26 -2.38 0.00	70.36 -2.15 0.00	68.21 -2.79 0.00	55.89 -3.33 0.00	40.27 -3.07 0.00	27.43 -2.57 0.00

HQ_GEN_CEDARS 23644	39.77 1.24 0.00	38.08 1.20 0.00	36.76 1.17 0.00	34.77 1.10 0.00	36.54 1.14 0.00	42.19 1.33 0.00	52.21 1.23 0.00	143.38 2.80 0.00	72.58 1.81 0.00	37.66 0.98 0.00	40.31 1.00 0.00	36.63 0.83 0.00	33.16 0.78 0.00	28.70 0.62 0.00	27.69 0.57 0.00	29.16 0.65 0.00	34.17 0.92 0.00	38.17 1.06 0.00	49.18 1.54 0.00	74.86 2.34 0.00	73.08 2.08 0.00	60.90 1.69 0.00	44.41 1.08 0.00	30.60 0.61 0.00
HQ_GEN_CEDARS_PROXY 323590	39.77 1.24 0.00	38.08 1.20 0.00	36.76 1.17 0.00	34.77 1.10 0.00	36.54 1.14 0.00	42.19 1.33 0.00	52.20 1.22 0.00	143.35 2.78 0.00	72.58 1.81 0.00	37.66 0.97 0.00	40.31 0.99 0.00	36.63 0.83 0.00	33.16 0.78 0.00	28.70 0.62 0.00	27.69 0.57 0.00	29.16 0.65 0.00	34.17 0.92 0.00	38.17 1.06 0.00	49.18 1.54 0.00	74.86 2.34 0.00	73.07 2.08 0.00	60.90 1.69 0.00	44.42 1.08 0.00	30.61 0.61 0.00
HQ_GEN_IMPORT 323601	39.05 0.52 0.00	37.39 0.51 0.00	36.09 0.50 0.00	34.14 0.47 0.00	35.91 0.51 0.00	41.46 0.60 0.00	51.65 0.67 0.00	141.89 1.32 0.00	71.74 0.97 0.00	37.24 0.56 0.00	39.92 0.60 0.00	36.31 0.51 0.00	32.86 0.47 0.00	28.47 0.38 0.00	27.48 0.35 0.00	28.91 0.40 0.00	33.78 0.52 0.00	37.70 0.59 0.00	48.42 0.78 0.00	73.68 1.17 0.00	72.06 1.06 0.00	60.10 0.88 0.00	43.92 0.58 0.00	30.33 0.34 0.00
HQ_GEN_WHEEL 23651	39.05 0.52 0.00	37.39 0.51 0.00	36.09 0.50 0.00	34.14 0.47 0.00	35.91 0.51 0.00	41.46 0.60 0.00	51.65 0.67 0.00	141.89 1.32 0.00	71.74 0.97 0.00	37.24 0.56 0.00	39.92 0.60 0.00	36.31 0.51 0.00	32.86 0.47 0.00	28.47 0.38 0.00	27.48 0.35 0.00	28.91 0.40 0.00	33.78 0.52 0.00	37.70 0.59 0.00	48.42 0.78 0.00	73.68 1.17 0.00	72.06 1.06 0.00	60.10 0.88 0.00	43.92 0.58 0.00	30.33 0.34 0.00
HUDSON_AVE_GT_3 23810	39.93 1.40 0.00	38.24 1.35 0.00	36.79 1.20 0.00	34.80 1.13 0.00	36.51 1.10 0.00	42.18 1.32 0.00	52.81 1.82 0.00	146.49 5.92 0.00	73.54 2.77 0.00	38.43 1.75 0.00	41.11 1.79 0.00	37.36 1.56 0.00	33.77 1.39 0.00	29.42 1.34 0.00	28.50 1.37 0.00	30.12 1.60 0.00	34.99 1.74 0.00	38.82 1.71 0.00	49.44 1.80 0.00	75.12 2.61 0.00	73.55 2.55 0.00	61.48 2.26 0.00	45.15 1.82 0.00	31.26 1.27 0.00
HUDSON_AVE_GT_4 23540	39.93 1.40 0.00	38.24 1.35 0.00	36.79 1.20 0.00	34.80 1.13 0.00	36.51 1.10 0.00	42.18 1.32 0.00	52.81 1.82 0.00	146.49 5.92 0.00	73.54 2.77 0.00	38.43 1.75 0.00	41.11 1.79 0.00	37.36 1.56 0.00	33.77 1.39 0.00	29.42 1.34 0.00	28.50 1.37 0.00	30.12 1.60 0.00	34.99 1.74 0.00	38.82 1.71 0.00	49.44 1.80 0.00	75.12 2.61 0.00	73.55 2.55 0.00	61.48 2.26 0.00	45.15 1.82 0.00	31.26 1.27 0.00
HUDSON_AVE_GT_5 23657	39.93 1.40 0.00	38.24 1.35 0.00	36.79 1.20 0.00	34.80 1.13 0.00	36.51 1.10 0.00	42.18 1.32 0.00	52.81 1.82 0.00	146.49 5.92 0.00	73.54 2.77 0.00	38.43 1.75 0.00	41.11 1.79 0.00	37.36 1.56 0.00	33.77 1.39 0.00	29.42 1.34 0.00	28.50 1.37 0.00	30.12 1.60 0.00	34.99 1.74 0.00	38.82 1.71 0.00	49.44 1.80 0.00	75.12 2.61 0.00	73.55 2.55 0.00	61.48 2.26 0.00	45.15 1.82 0.00	31.26 1.27 0.00
HUDSON_AVE_10 24168	39.79 1.25 0.00	38.11 1.22 0.00	36.66 1.07 0.00	34.67 1.00 0.00	36.37 0.97 0.00	42.04 1.18 0.00	52.61 1.63 0.00	145.97 5.40 0.00	73.28 2.50 0.00	38.29 1.60 0.00	40.98 1.66 0.00	37.24 1.44 0.00	33.67 1.29 0.00	29.34 1.26 0.00	28.42 1.29 0.00	30.03 1.52 0.00	34.88 1.62 0.00	38.69 1.58 0.00	49.28 1.64 0.00	74.85 2.34 0.00	73.27 2.27 0.00	61.24 2.03 0.00	44.99 1.65 0.00	31.15 1.16 0.00
HUDSON___115KV_TB 4 355613	40.53 1.99 0.00	38.79 1.90 0.00	37.41 1.81 0.00	35.40 1.72 0.00	37.23 1.83 0.00	43.00 2.14 0.00	53.87 2.90 0.00	148.82 8.24 0.00	74.39 3.62 0.00	38.12 1.44 0.00	40.57 1.26 0.00	36.94 1.14 0.00	33.40 1.01 0.00	28.91 0.82 0.00	27.93 0.80 0.00	29.38 0.87 0.00	34.34 1.08 0.00	38.49 1.38 0.00	49.80 2.16 0.00	76.06 3.55 0.00	74.62 3.62 0.00	62.25 3.03 0.00	45.55 2.21 0.00	31.55 1.55 0.00
HUNTER MOUNT___DRP 323613	40.80 2.27 0.00	39.06 2.17 0.00	37.67 2.07 0.00	35.65 1.98 0.00	37.50 2.10 0.00	43.32 2.46 0.00	54.31 3.32 0.00	150.03 9.46 0.00	74.95 4.18 0.00	38.30 1.62 0.00	40.70 1.38 0.00	37.07 1.26 0.00	33.51 1.13 0.00	28.96 0.88 0.00	27.96 0.83 0.00	29.42 0.91 0.00	34.42 1.17 0.00	38.67 1.56 0.00	50.12 2.48 0.00	76.60 4.09 0.00	75.15 4.15 0.00	62.66 3.45 0.00	45.81 2.47 0.00	31.72 1.73 0.00
HUNTINGTON_RES_REC 323705	40.60 2.07 0.00	38.92 2.03 0.00	37.46 1.87 0.00	35.39 1.72 0.00	36.76 1.35 0.00	42.05 1.19 0.00	52.09 1.11 0.00	143.32 2.75 0.00	72.18 1.41 0.00	37.99 1.30 0.00	40.81 1.49 0.00	36.95 1.15 0.00	33.32 0.94 0.00	29.01 0.93 0.00	28.07 0.94 0.00	29.76 1.25 0.00	34.85 1.59 0.00	38.69 1.58 0.00	49.28 1.64 0.00	74.16 1.65 0.00	73.00 2.00 0.00	61.71 2.49 0.00	45.60 2.26 0.00	31.73 1.73 0.00
HUNTLEY___63 23557	34.53 -3.17 0.84	33.25 -3.08 0.55	32.57 -3.02 0.01	30.95 -2.71 0.01	32.13 -2.71 0.56	38.07 -2.79 0.00	46.78 -4.17 0.04	118.85 -11.67 10.06	56.29 -5.34 9.15	34.15 -2.54 0.00	36.80 -2.51 0.00	33.46 -2.34 0.00	30.34 -2.04 0.00	26.30 -1.79 0.00	25.38 -1.75 0.00	26.59 -1.92 0.00	30.77 -2.49 0.00	34.07 -3.04 0.00	43.54 -4.10 0.00	66.59 -5.92 0.00	64.55 -6.45 0.00	53.60 -5.62 0.00	39.32 -4.02 0.00	27.33 -2.66 0.00
HUNTLEY___64 23558	34.53 -3.17 0.84	33.25 -3.08 0.55	32.57 -3.02 0.01	30.95 -2.71 0.01	32.13 -2.71 0.56	38.07 -2.79 0.00	46.78 -4.17 0.04	118.85 -11.67 10.06	56.29 -5.34 9.15	34.15 -2.54 0.00	36.80 -2.51 0.00	33.46 -2.34 0.00	30.34 -2.04 0.00	26.30 -1.79 0.00	25.38 -1.75 0.00	26.59 -1.92 0.00	30.77 -2.49 0.00	34.07 -3.04 0.00	43.54 -4.10 0.00	66.59 -5.92 0.00	64.55 -6.45 0.00	53.60 -5.62 0.00	39.32 -4.02 0.00	27.33 -2.66 0.00
HUNTLEY___65 23559	34.53 -3.17 0.84	33.25 -3.08 0.55	32.57 -3.02 0.01	30.95 -2.71 0.01	32.13 -2.71 0.56	38.07 -2.79 0.00	46.78 -4.17 0.04	118.85 -11.67 10.06	56.29 -5.34 9.15	34.15 -2.54 0.00	36.80 -2.51 0.00	33.46 -2.34 0.00	30.34 -2.04 0.00	26.30 -1.79 0.00	25.38 -1.75 0.00	26.59 -1.92 0.00	30.77 -2.49 0.00	34.07 -3.04 0.00	43.54 -4.10 0.00	66.59 -5.92 0.00	64.55 -6.45 0.00	53.60 -5.62 0.00	39.32 -4.02 0.00	27.33 -2.66 0.00
HUNTLEY___66 23560	34.53 -3.17 0.84	33.25 -3.08 0.55	32.57 -3.02 0.01	30.95 -2.71 0.01	32.13 -2.71 0.56	38.07 -2.79 0.00	46.78 -4.17 0.04	118.85 -11.67 10.06	56.29 -5.34 9.15	34.15 -2.54 0.00	36.80 -2.51 0.00	33.46 -2.34 0.00	30.34 -2.04 0.00	26.30 -1.79 0.00	25.38 -1.75 0.00	26.59 -1.92 0.00	30.77 -2.49 0.00	34.07 -3.04 0.00	43.54 -4.10 0.00	66.59 -5.92 0.00	64.55 -6.45 0.00	53.60 -5.62 0.00	39.32 -4.02 0.00	27.33 -2.66 0.00



HUNTLEY___67 23561	34.52 -3.21 0.80	33.24 -3.12 0.53	32.55 -3.04 0.01	30.92 -2.74 0.01	32.13 -2.75 0.53	38.01 -2.85 0.00	46.76 -4.18 0.04	119.21 -11.74 9.62	56.61 -5.42 8.75	34.11 -2.57 0.00	36.79 -2.52 0.00	33.45 -2.35 0.00	30.32 -2.07 0.00	26.27 -1.81 0.00	25.38 -1.75 0.00	26.59 -1.92 0.00	30.78 -2.48 0.00	34.06 -3.05 0.00	43.45 -4.19 0.00	66.41 -6.10 0.00	64.40 -6.60 0.00	53.52 -5.70 0.00	39.27 -4.06 0.00	27.28 -2.72 0.00
HUNTLEY___68 23562	34.52 -3.21 0.80	33.24 -3.12 0.53	32.55 -3.04 0.01	30.92 -2.74 0.01	32.13 -2.75 0.53	38.01 -2.85 0.00	46.76 -4.18 0.04	119.21 -11.74 9.62	56.61 -5.42 8.75	34.11 -2.57 0.00	36.79 -2.52 0.00	33.45 -2.35 0.00	30.32 -2.07 0.00	26.27 -1.81 0.00	25.38 -1.75 0.00	26.59 -1.92 0.00	30.78 -2.48 0.00	34.06 -3.05 0.00	43.45 -4.19 0.00	66.41 -6.10 0.00	64.40 -6.60 0.00	53.52 -5.70 0.00	39.27 -4.06 0.00	27.28 -2.72 0.00
HYLAND___LFG 323620	40.97 -1.45 -3.88	38.04 -1.41 -2.56	34.23 -1.39 -0.02	32.52 -1.18 -0.03	36.89 -1.11 -2.59	40.06 -0.80 0.00	50.32 -0.85 -0.19	185.62 -0.86 -45.90	111.99 -0.39 -41.60	35.21 -1.47 0.00	37.53 -1.79 0.00	34.10 -1.69 0.00	30.81 -1.58 0.00	26.62 -1.47 0.00	25.68 -1.45 0.00	26.89 -1.63 0.00	31.23 -2.03 0.00	34.92 -2.19 0.00	45.61 -2.04 0.00	72.24 -0.27 0.00	70.48 -0.52 0.00	58.38 -0.84 0.00	42.42 -0.92 0.00	29.06 -0.93 0.00
INDECK___CORINTH 23802	40.91 2.37 0.00	39.18 2.29 0.00	37.59 2.00 0.00	35.40 1.73 0.00	36.88 1.48 0.00	42.45 1.59 0.00	53.09 2.11 0.00	146.40 5.82 0.00	73.00 2.22 0.00	37.48 0.80 0.00	39.87 0.55 0.00	36.32 0.52 0.00	32.73 0.35 0.00	28.33 0.24 0.00	27.42 0.29 0.00	28.89 0.37 0.00	33.93 0.67 0.00	38.01 0.91 0.00	49.05 1.41 0.00	74.60 2.09 0.00	73.33 2.33 0.00	61.16 1.94 0.00	44.74 1.40 0.00	31.09 1.10 0.00
INDECK___ILION 23567	38.80 0.27 0.00	37.07 0.19 0.00	35.75 0.15 0.00	33.76 0.09 0.00	35.45 0.04 0.00	40.95 0.09 0.00	51.38 0.40 0.00	141.86 1.28 0.00	70.94 0.16 0.00	36.43 -0.25 0.00	38.91 -0.40 0.00	35.45 -0.35 0.00	32.03 -0.35 0.00	27.79 -0.29 0.00	26.87 -0.25 0.00	28.30 -0.22 0.00	33.08 -0.18 0.00	37.12 0.01 0.00	47.91 0.27 0.00	73.03 0.51 0.00	71.64 0.65 0.00	59.81 0.59 0.00	43.75 0.41 0.00	30.18 0.19 0.00
INDECK___OLEAN 23982	36.82 -1.71 0.00	35.16 -1.73 0.00	34.01 -1.59 0.00	32.39 -1.29 0.00	34.02 -1.38 0.00	39.50 -1.36 0.00	49.04 -1.94 0.00	135.67 -4.91 0.00	68.54 -2.24 0.00	35.85 -0.84 0.00	38.62 -0.70 0.00	35.01 -0.79 0.00	31.59 -0.79 0.00	27.41 -0.67 0.00	26.52 -0.61 0.00	27.80 -0.71 0.00	32.05 -1.20 0.00	35.37 -1.74 0.00	45.26 -2.38 0.00	69.59 -2.92 0.00	67.63 -3.37 0.00	56.11 -3.11 0.00	41.25 -2.08 0.00	28.46 -1.54 0.00
INDECK___OSWEGO 23783	36.92 -1.62 0.00	35.34 -1.55 0.00	34.11 -1.48 0.00	32.29 -1.39 0.00	33.96 -1.44 0.00	39.18 -1.68 0.00	48.85 -2.13 0.00	135.05 -5.53 0.00	67.87 -2.91 0.00	35.10 -1.58 0.00	37.68 -1.63 0.00	34.36 -1.44 0.00	31.11 -1.28 0.00	26.93 -1.15 0.00	25.97 -1.16 0.00	27.25 -1.27 0.00	31.72 -1.54 0.00	35.45 -1.66 0.00	45.64 -2.00 0.00	69.65 -2.86 0.00	68.10 -2.90 0.00	56.73 -2.48 0.00	41.48 -1.86 0.00	28.75 -1.25 0.00
INDECK___YERKES 23781	34.58 -3.11 0.84	33.30 -3.04 0.55	32.60 -2.99 0.01	30.98 -2.69 0.01	32.17 -2.68 0.56	38.11 -2.75 0.00	46.81 -4.13 0.04	119.04 -11.47 10.06	56.40 -5.22 9.15	34.18 -2.51 0.00	36.84 -2.48 0.00	33.49 -2.31 0.00	30.37 -2.02 0.00	26.33 -1.75 0.00	25.43 -1.70 0.00	26.62 -1.89 0.00	30.83 -2.42 0.00	34.08 -3.03 0.00	43.58 -4.06 0.00	66.68 -5.84 0.00	64.62 -6.38 0.00	53.65 -5.56 0.00	39.37 -3.97 0.00	27.36 -2.63 0.00
INDIAN POINT_GT_1 24139	39.61 1.07 0.00	37.90 1.02 0.00	36.53 0.93 0.00	34.53 0.86 0.00	36.21 0.81 0.00	41.83 0.97 0.00	52.36 1.38 0.00	145.00 4.43 0.00	72.80 2.02 0.00	37.90 1.21 0.00	40.50 1.19 0.00	36.79 1.00 0.00	33.27 0.89 0.00	28.97 0.89 0.00	28.06 0.93 0.00	29.61 1.09 0.00	34.47 1.22 0.00	38.33 1.23 0.00	48.92 1.28 0.00	74.36 1.85 0.00	72.94 1.94 0.00	60.93 1.72 0.00	44.70 1.36 0.00	30.93 0.93 0.00
INDIAN POINT_GT_2 23659	39.61 1.07 0.00	37.90 1.02 0.00	36.53 0.93 0.00	34.53 0.86 0.00	36.21 0.81 0.00	41.83 0.97 0.00	52.36 1.38 0.00	145.00 4.43 0.00	72.80 2.02 0.00	37.90 1.21 0.00	40.50 1.19 0.00	36.79 1.00 0.00	33.27 0.89 0.00	28.97 0.89 0.00	28.06 0.93 0.00	29.61 1.09 0.00	34.47 1.22 0.00	38.33 1.23 0.00	48.92 1.28 0.00	74.36 1.85 0.00	72.94 1.94 0.00	60.93 1.72 0.00	44.70 1.36 0.00	30.93 0.93 0.00
INDIAN POINT_GT_3 24019	39.61 1.07 0.00	37.90 1.02 0.00	36.53 0.93 0.00	34.53 0.86 0.00	36.21 0.81 0.00	41.83 0.97 0.00	52.36 1.38 0.00	145.00 4.43 0.00	72.80 2.02 0.00	37.90 1.21 0.00	40.50 1.19 0.00	36.79 1.00 0.00	33.27 0.89 0.00	28.97 0.89 0.00	28.06 0.93 0.00	29.61 1.09 0.00	34.47 1.22 0.00	38.33 1.23 0.00	48.92 1.28 0.00	74.36 1.85 0.00	72.94 1.94 0.00	60.93 1.72 0.00	44.70 1.36 0.00	30.93 0.93 0.00
INDIAN POINT___2 23530	39.44 0.91 0.00	37.75 0.86 0.00	36.38 0.79 0.00	34.38 0.71 0.00	36.06 0.65 0.00	41.67 0.81 0.00	52.19 1.21 0.00	144.41 3.84 0.00	72.52 1.74 0.00	37.74 1.06 0.00	40.33 1.01 0.00	36.63 0.83 0.00	33.12 0.74 0.00	28.84 0.76 0.00	27.93 0.81 0.00	29.47 0.96 0.00	34.32 1.06 0.00	38.18 1.07 0.00	48.73 1.09 0.00	74.07 1.56 0.00	72.66 1.66 0.00	60.68 1.47 0.00	44.53 1.19 0.00	30.78 0.79 0.00
INDIAN POINT___3 23531	39.62 1.08 0.00	37.92 1.04 0.00	36.54 0.94 0.00	34.54 0.87 0.00	36.22 0.82 0.00	41.84 0.98 0.00	52.36 1.38 0.00	145.01 4.44 0.00	72.81 2.03 0.00	37.91 1.22 0.00	40.53 1.22 0.00	36.82 1.03 0.00	33.30 0.91 0.00	29.00 0.91 0.00	28.08 0.96 0.00	29.63 1.12 0.00	34.50 1.24 0.00	38.35 1.24 0.00	48.94 1.30 0.00	74.36 1.85 0.00	72.94 1.94 0.00	60.93 1.72 0.00	44.72 1.38 0.00	30.94 0.95 0.00
INGHAM_C_115KV_TB7 356103	38.91 0.37 0.00	37.13 0.25 0.00	35.76 0.17 0.00	33.74 0.06 0.00	35.40 -0.01 0.00	40.92 0.06 0.00	51.52 0.54 0.00	142.22 1.65 0.00	70.52 -0.25 0.00	35.79 -0.90 0.00	38.07 -1.24 0.00	34.70 -1.10 0.00	31.31 -1.07 0.00	27.18 -0.91 0.00	26.32 -0.81 0.00	27.76 -0.75 0.00	32.51 -0.74 0.00	36.72 -0.38 0.00	47.75 0.10 0.00	72.95 0.44 0.00	71.67 0.67 0.00	59.95 0.74 0.00	43.85 0.52 0.00	30.22 0.22 0.00
IP CORINTH___1 23988	40.91 2.38 0.00	39.18 2.29 0.00	37.63 2.04 0.00	35.48 1.80 0.00	37.04 1.63 0.00	42.66 1.80 0.00	53.37 2.39 0.00	147.19 6.62 0.00	73.40 2.62 0.00	37.68 0.99 0.00	40.07 0.76 0.00	36.52 0.72 0.00	32.90 0.52 0.00	28.48 0.39 0.00	27.56 0.43 0.00	29.03 0.52 0.00	34.10 0.84 0.00	38.21 1.10 0.00	49.31 1.67 0.00	75.01 2.50 0.00	73.72 2.73 0.00	61.46 2.25 0.00	44.96 1.63 0.00	31.24 1.25 0.00

IP___TICONDEROGA 23804	42.24 3.71 0.00	40.48 3.59 0.00	39.00 3.41 0.00	37.00 3.32 0.00	38.80 3.40 0.00	44.87 4.01 0.00	56.23 5.24 0.00	154.68 14.10 0.00	76.60 5.82 0.00	38.97 2.28 0.00	41.56 2.25 0.00	37.94 2.14 0.00	34.13 1.74 0.00	29.38 1.30 0.00	28.51 1.39 0.00	30.06 1.55 0.00	35.48 2.22 0.00	39.52 2.41 0.00	51.18 3.54 0.00	77.91 5.39 0.00	77.23 6.23 0.00	64.05 4.83 0.00	46.95 3.61 0.00	32.66 2.67 0.00
ISLIP_RES_REC 323679	41.01 2.47 0.00	39.30 2.42 0.00	37.87 2.27 0.00	35.76 2.08 0.00	37.09 1.69 0.00	42.36 1.50 0.00	52.39 1.41 0.00	143.86 3.29 0.00	72.41 1.64 0.00	38.16 1.47 0.00	41.04 1.73 0.00	37.15 1.35 0.00	33.44 1.06 0.00	29.13 1.05 0.00	28.14 1.01 0.00	29.88 1.37 0.00	35.11 1.85 0.00	39.05 1.94 0.00	49.75 2.11 0.00	74.62 2.11 0.00	73.53 2.53 0.00	62.20 2.99 0.00	45.99 2.65 0.00	32.08 2.09 0.00
JAMAICA__27_KV_LOAD 355505	39.94 1.41 0.00	38.26 1.37 0.00	36.80 1.20 0.00	34.79 1.12 0.00	36.47 1.07 0.00	42.16 1.30 0.00	52.78 1.80 0.00	146.54 5.96 0.00	73.51 2.73 0.00	38.41 1.73 0.00	41.15 1.84 0.00	37.43 1.63 0.00	33.87 1.48 0.00	29.51 1.43 0.00	28.59 1.47 0.00	30.17 1.66 0.00	35.03 1.78 0.00	38.87 1.76 0.00	49.53 1.90 0.00	75.21 2.70 0.00	73.56 2.56 0.00	61.46 2.25 0.00	45.16 1.82 0.00	31.32 1.33 0.00
JANIS___SOLAR 323808	39.12 0.32 -0.26	37.30 0.24 -0.17	35.84 0.24 0.00	33.84 0.16 0.00	35.78 0.20 -0.18	41.17 0.31 0.00	51.78 0.78 -0.01	147.28 3.55 -3.15	74.90 1.26 -2.86	36.76 0.08 0.00	38.95 -0.36 0.00	35.28 -0.51 0.00	31.81 -0.58 0.00	27.53 -0.55 0.00	26.57 -0.56 0.00	27.98 -0.53 0.00	32.85 -0.41 0.00	37.17 0.06 0.00	48.60 0.96 0.00	74.93 2.42 0.00	73.08 2.08 0.00	60.58 1.36 0.00	44.08 0.74 0.00	30.27 0.28 0.00
JARVIS____ 23743	38.66 0.12 0.00	36.99 0.11 0.00	35.68 0.08 0.00	33.74 0.07 0.00	35.44 0.04 0.00	40.91 0.05 0.00	51.15 0.17 0.00	141.26 0.69 0.00	71.00 0.22 0.00	36.75 0.06 0.00	39.36 0.05 0.00	35.86 0.06 0.00	32.42 0.03 0.00	28.12 0.04 0.00	27.18 0.05 0.00	28.56 0.05 0.00	33.32 0.07 0.00	37.21 0.11 0.00	47.80 0.16 0.00	72.78 0.27 0.00	71.31 0.31 0.00	59.48 0.27 0.00	43.56 0.22 0.00	30.13 0.13 0.00
JENNISON___1 23625	38.22 -0.31 0.00	36.58 -0.31 0.00	35.47 -0.12 0.00	33.49 -0.18 0.00	35.25 -0.16 0.00	40.84 -0.02 0.00	51.32 0.34 0.00	142.83 2.26 0.00	71.82 1.04 0.00	37.26 0.58 0.00	39.62 0.31 0.00	36.01 0.21 0.00	32.44 0.05 0.00	28.04 -0.04 0.00	27.03 -0.10 0.00	28.52 0.01 0.00	33.46 0.20 0.00	37.75 0.64 0.00	48.99 1.34 0.00	75.08 2.57 0.00	73.16 2.16 0.00	60.29 1.08 0.00	43.83 0.50 0.00	29.97 -0.02 0.00
JENNISON___2 23626	38.22 -0.31 0.00	36.58 -0.31 0.00	35.47 -0.12 0.00	33.49 -0.18 0.00	35.25 -0.16 0.00	40.84 -0.02 0.00	51.32 0.34 0.00	142.83 2.26 0.00	71.82 1.04 0.00	37.26 0.58 0.00	39.62 0.31 0.00	36.01 0.21 0.00	32.44 0.05 0.00	28.04 -0.04 0.00	27.03 -0.10 0.00	28.52 0.01 0.00	33.46 0.20 0.00	37.75 0.64 0.00	48.99 1.34 0.00	75.08 2.57 0.00	73.16 2.16 0.00	60.29 1.08 0.00	43.83 0.50 0.00	29.97 -0.02 0.00
JERICHO_RISE_WT_PWR 323719	39.66 1.12 0.00	38.00 1.11 0.00	36.65 1.05 0.00	34.60 0.93 0.00	36.40 1.00 0.00	41.98 1.12 0.00	52.21 1.23 0.00	143.45 2.88 0.00	72.65 1.88 0.00	37.65 0.97 0.00	40.37 1.06 0.00	36.56 0.77 0.00	33.09 0.71 0.00	28.54 0.45 0.00	27.57 0.44 0.00	29.08 0.57 0.00	34.22 0.96 0.00	38.33 1.23 0.00	49.32 1.68 0.00	75.06 2.55 0.00	73.42 2.42 0.00	61.20 1.99 0.00	44.61 1.27 0.00	30.54 0.54 0.00
KATONAH___115KV_46KV_TB4 355592	40.04 1.50 0.00	38.33 1.45 0.00	36.94 1.35 0.00	34.93 1.26 0.00	36.65 1.24 0.00	42.35 1.49 0.00	53.04 2.06 0.00	146.96 6.38 0.00	73.72 2.94 0.00	38.34 1.65 0.00	40.98 1.66 0.00	37.22 1.42 0.00	33.64 1.26 0.00	29.28 1.20 0.00	28.35 1.22 0.00	29.92 1.41 0.00	34.82 1.56 0.00	38.74 1.63 0.00	49.48 1.84 0.00	75.24 2.73 0.00	73.72 2.72 0.00	61.56 2.35 0.00	45.16 1.83 0.00	31.26 1.26 0.00
KCE_NY_1 323755	40.43 1.90 0.00	38.70 1.81 0.00	37.27 1.67 0.00	35.22 1.55 0.00	36.97 1.57 0.00	42.65 1.79 0.00	53.48 2.50 0.00	147.50 6.92 0.00	73.63 2.85 0.00	37.83 1.15 0.00	40.40 1.08 0.00	36.81 1.01 0.00	33.19 0.80 0.00	28.75 0.67 0.00	27.83 0.70 0.00	29.27 0.76 0.00	34.32 1.06 0.00	38.50 1.39 0.00	49.60 1.96 0.00	75.43 2.92 0.00	74.00 3.01 0.00	61.66 2.44 0.00	45.11 1.78 0.00	31.31 1.32 0.00
KCE_NY_6_ESR 323823	35.19 -2.67 0.68	33.78 -2.65 0.45	33.04 -2.55 0.00	31.41 -2.26 0.00	32.72 -2.24 0.45	38.66 -2.20 0.00	47.66 -3.29 0.03	123.15 -9.21 8.21	59.06 -4.21 7.50	34.80 -1.88 0.00	37.48 -1.83 0.00	34.02 -1.78 0.00	30.83 -1.55 0.00	26.72 -1.37 0.00	25.81 -1.31 0.00	27.06 -1.45 0.00	31.36 -1.90 0.00	34.70 -2.41 0.00	44.34 -3.30 0.00	67.77 -4.74 0.00	65.77 -5.23 0.00	54.62 -4.59 0.00	40.02 -3.32 0.00	27.72 -2.27 0.00
KEDC_PORT_JEFF_GT2 24210	40.86 2.33 0.00	39.17 2.29 0.00	37.73 2.13 0.00	35.62 1.94 0.00	36.95 1.54 0.00	42.19 1.33 0.00	52.15 1.16 0.00	143.21 2.64 0.00	72.10 1.32 0.00	38.01 1.32 0.00	40.90 1.59 0.00	37.02 1.22 0.00	33.37 0.98 0.00	29.05 0.96 0.00	28.07 0.94 0.00	29.79 1.28 0.00	34.98 1.72 0.00	38.88 1.78 0.00	49.54 1.90 0.00	74.29 1.78 0.00	73.21 2.21 0.00	61.94 2.73 0.00	45.81 2.47 0.00	31.93 1.94 0.00
KEDC_PORT_JEFF_GT3 24211	40.86 2.33 0.00	39.17 2.29 0.00	37.73 2.13 0.00	35.62 1.94 0.00	36.95 1.54 0.00	42.19 1.33 0.00	52.15 1.16 0.00	143.21 2.64 0.00	72.10 1.32 0.00	38.01 1.32 0.00	40.90 1.59 0.00	37.02 1.22 0.00	33.37 0.98 0.00	29.05 0.96 0.00	28.07 0.94 0.00	29.79 1.28 0.00	34.98 1.72 0.00	38.88 1.78 0.00	49.54 1.90 0.00	74.29 1.78 0.00	73.21 2.21 0.00	61.94 2.73 0.00	45.81 2.47 0.00	31.93 1.94 0.00
KEDC_GLWD_GT4 24219	40.48 1.94 0.00	38.75 1.87 0.00	37.31 1.71 0.00	35.25 1.58 0.00	36.79 1.39 0.00	42.34 1.48 0.00	52.76 1.78 0.00	145.57 5.00 0.00	73.28 2.51 0.00	38.39 1.71 0.00	41.14 1.83 0.00	37.32 1.52 0.00	33.67 1.29 0.00	29.34 1.25 0.00	28.39 1.27 0.00	30.06 1.55 0.00	35.09 1.83 0.00	38.95 1.85 0.00	49.62 1.98 0.00	75.11 2.60 0.00	73.81 2.81 0.00	62.00 2.79 0.00	45.63 2.29 0.00	31.63 1.63 0.00
KEDC_GLWD_GT5 24220	40.48 1.94 0.00	38.75 1.87 0.00	37.31 1.71 0.00	35.25 1.58 0.00	36.79 1.39 0.00	42.34 1.48 0.00	52.76 1.78 0.00	145.57 5.00 0.00	73.28 2.51 0.00	38.39 1.71 0.00	41.14 1.83 0.00	37.32 1.52 0.00	33.67 1.29 0.00	29.34 1.25 0.00	28.39 1.27 0.00	30.06 1.55 0.00	35.09 1.83 0.00	38.95 1.85 0.00	49.62 1.98 0.00	75.11 2.60 0.00	73.81 2.81 0.00	62.00 2.79 0.00	45.63 2.29 0.00	31.63 1.63 0.00

KENSICO____ 23655	39.80 1.27 0.00	38.10 1.22 0.00	36.71 1.12 0.00	34.71 1.03 0.00	36.39 0.99 0.00	42.02 1.16 0.00	52.59 1.61 0.00	145.66 5.08 0.00	73.12 2.35 0.00	38.12 1.44 0.00	40.77 1.45 0.00	37.05 1.25 0.00	33.49 1.11 0.00	29.17 1.08 0.00	28.25 1.12 0.00	29.82 1.30 0.00	34.70 1.44 0.00	38.55 1.44 0.00	49.19 1.55 0.00	74.72 2.21 0.00	73.24 2.24 0.00	61.23 2.01 0.00	44.94 1.60 0.00	31.11 1.12 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.18 1.65 0.00	38.44 1.55 0.00	37.05 1.45 0.00	35.04 1.36 0.00	36.79 1.39 0.00	42.52 1.67 0.00	53.33 2.35 0.00	147.76 7.19 0.00	74.11 3.34 0.00	38.36 1.68 0.00	40.82 1.51 0.00	36.97 1.17 0.00	33.41 1.02 0.00	29.03 0.95 0.00	28.10 0.98 0.00	29.62 1.10 0.00	34.56 1.30 0.00	38.60 1.50 0.00	49.55 1.91 0.00	75.56 3.04 0.00	74.08 3.08 0.00	61.83 2.62 0.00	45.29 1.95 0.00	31.30 1.30 0.00
KIAC_JFK_GT1 23816	39.71 1.18 0.00	38.04 1.15 0.00	36.58 0.99 0.00	34.59 0.92 0.00	36.27 0.86 0.00	41.87 1.02 0.00	52.25 1.27 0.00	145.08 4.51 0.00	72.78 2.01 0.00	38.05 1.36 0.00	40.92 1.60 0.00	37.23 1.43 0.00	33.67 1.29 0.00	29.35 1.27 0.00	28.44 1.31 0.00	30.01 1.50 0.00	34.80 1.54 0.00	38.50 1.39 0.00	49.05 1.41 0.00	74.47 1.96 0.00	72.85 1.85 0.00	60.87 1.65 0.00	44.73 1.39 0.00	31.14 1.15 0.00
KIAC_JFK_GT2 23817	39.71 1.18 0.00	38.04 1.15 0.00	36.58 0.99 0.00	34.59 0.92 0.00	36.27 0.86 0.00	41.87 1.02 0.00	52.25 1.27 0.00	145.08 4.51 0.00	72.78 2.01 0.00	38.05 1.36 0.00	40.92 1.60 0.00	37.23 1.43 0.00	33.67 1.29 0.00	29.35 1.27 0.00	28.44 1.31 0.00	30.01 1.50 0.00	34.80 1.54 0.00	38.50 1.39 0.00	49.05 1.41 0.00	74.47 1.96 0.00	72.85 1.85 0.00	60.87 1.65 0.00	44.73 1.39 0.00	31.14 1.15 0.00
KIAC_JFK____ 323774	39.70 1.17 0.00	38.04 1.15 0.00	36.58 0.99 0.00	34.59 0.91 0.00	36.27 0.86 0.00	41.87 1.01 0.00	52.25 1.26 0.00	145.06 4.48 0.00	72.77 2.00 0.00	38.04 1.36 0.00	40.92 1.60 0.00	37.23 1.43 0.00	33.67 1.29 0.00	29.35 1.26 0.00	28.44 1.31 0.00	30.01 1.50 0.00	34.79 1.53 0.00	38.50 1.39 0.00	49.05 1.41 0.00	74.47 1.96 0.00	72.85 1.85 0.00	60.87 1.65 0.00	44.73 1.40 0.00	31.14 1.15 0.00
KINTIGH____ 23543	34.81 -3.09 0.63	33.48 -2.99 0.42	32.65 -2.94 0.00	31.01 -2.66 0.00	32.30 -2.69 0.42	37.97 -2.89 0.00	46.81 -4.14 0.03	121.68 -11.36 7.53	58.60 -5.34 6.84	34.00 -2.68 0.00	36.64 -2.68 0.00	33.35 -2.45 0.00	30.22 -2.17 0.00	26.20 -1.89 0.00	25.29 -1.84 0.00	26.51 -2.00 0.00	30.69 -2.56 0.00	34.00 -3.11 0.00	43.46 -4.18 0.00	66.41 -6.10 0.00	64.50 -6.50 0.00	53.62 -5.60 0.00	39.34 -4.00 0.00	27.35 -2.64 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.67 2.14 0.00	39.00 2.11 0.00	37.65 2.05 0.00	35.51 1.84 0.00	37.34 1.94 0.00	43.07 2.21 0.00	53.59 2.61 0.00	147.15 6.57 0.00	74.52 3.74 0.00	38.54 1.85 0.00	41.37 2.06 0.00	37.34 1.54 0.00	33.72 1.33 0.00	29.03 0.94 0.00	28.06 0.94 0.00	29.65 1.13 0.00	34.95 1.69 0.00	39.26 2.16 0.00	50.61 2.97 0.00	77.15 4.63 0.00	75.67 4.67 0.00	63.01 3.79 0.00	45.92 2.58 0.00	31.27 1.28 0.00
LACHUTE__HYDRO 323717	42.24 3.71 0.00	40.48 3.59 0.00	39.00 3.41 0.00	36.99 3.32 0.00	38.80 3.40 0.00	44.87 4.01 0.00	56.23 5.25 0.00	154.68 14.10 0.00	76.60 5.83 0.00	38.97 2.29 0.00	41.57 2.25 0.00	37.94 2.14 0.00	34.13 1.74 0.00	29.38 1.30 0.00	28.51 1.39 0.00	30.06 1.55 0.00	35.48 2.22 0.00	39.53 2.42 0.00	51.19 3.55 0.00	77.91 5.39 0.00	77.23 6.23 0.00	64.05 4.83 0.00	46.95 3.61 0.00	32.66 2.67 0.00
LAWRNCV_115KV_TB1 80681	39.56 1.02 0.00	37.87 0.98 0.00	36.56 0.96 0.00	34.56 0.89 0.00	36.23 0.82 0.00	41.79 0.93 0.00	51.83 0.85 0.00	142.55 1.97 0.00	72.12 1.34 0.00	37.33 0.65 0.00	39.90 0.59 0.00	36.22 0.42 0.00	32.79 0.40 0.00	28.33 0.25 0.00	27.36 0.23 0.00	28.84 0.32 0.00	33.86 0.61 0.00	37.93 0.82 0.00	49.07 1.42 0.00	74.79 2.28 0.00	72.98 1.98 0.00	60.76 1.55 0.00	44.23 0.89 0.00	30.38 0.39 0.00
LEDERLE____ 23769	39.71 1.18 0.00	38.00 1.11 0.00	36.61 1.01 0.00	34.60 0.93 0.00	36.29 0.89 0.00	41.94 1.08 0.00	52.55 1.57 0.00	145.49 4.92 0.00	73.07 2.30 0.00	38.03 1.34 0.00	40.63 1.32 0.00	36.91 1.11 0.00	33.38 0.99 0.00	29.07 0.99 0.00	28.16 1.03 0.00	29.70 1.19 0.00	34.61 1.35 0.00	38.50 1.39 0.00	49.12 1.48 0.00	74.68 2.16 0.00	73.24 2.24 0.00	61.15 1.94 0.00	44.85 1.51 0.00	31.00 1.00 0.00
LIGHTHSE_115KV_TB6 355974	37.14 -1.39 0.00	35.50 -1.38 0.00	34.26 -1.33 0.00	32.43 -1.25 0.00	34.13 -1.27 0.00	39.42 -1.44 0.00	49.34 -1.64 0.00	136.85 -3.72 0.00	68.71 -2.07 0.00	35.32 -1.36 0.00	37.72 -1.60 0.00	34.40 -1.40 0.00	31.18 -1.20 0.00	26.91 -1.17 0.00	25.96 -1.17 0.00	27.30 -1.22 0.00	31.83 -1.43 0.00	35.82 -1.29 0.00	46.61 -1.03 0.00	71.47 -1.04 0.00	69.86 -1.14 0.00	58.07 -1.15 0.00	42.24 -1.10 0.00	29.01 -0.98 0.00
LINDEN COGEN____ 23786	39.63 1.09 0.00	37.94 1.05 0.00	36.53 0.93 0.00	34.53 0.85 0.00	36.23 0.82 0.00	41.85 0.99 0.00	52.40 1.42 0.00	145.33 4.75 0.00	72.92 2.14 0.00	38.12 1.44 0.00	40.75 1.43 0.00	37.01 1.21 0.00	33.48 1.09 0.00	29.18 1.09 0.00	28.27 1.14 0.00	29.88 1.37 0.00	34.68 1.43 0.00	38.50 1.39 0.00	49.03 1.39 0.00	74.47 1.96 0.00	72.91 1.91 0.00	60.96 1.74 0.00	44.81 1.48 0.00	31.03 1.04 0.00
LINDHRST_69_KV_BK1 356055	40.80 2.27 0.00	39.08 2.19 0.00	37.64 2.04 0.00	35.53 1.86 0.00	36.99 1.58 0.00	42.47 1.61 0.00	52.79 1.81 0.00	145.40 4.82 0.00	73.26 2.48 0.00	38.38 1.69 0.00	41.13 1.82 0.00	37.23 1.43 0.00	33.54 1.15 0.00	29.22 1.14 0.00	28.26 1.13 0.00	29.98 1.47 0.00	35.08 1.83 0.00	38.99 1.88 0.00	49.71 2.07 0.00	75.11 2.60 0.00	73.95 2.95 0.00	62.36 3.15 0.00	45.96 2.62 0.00	31.90 1.91 0.00
LIPA_MISC_IPP 23656	40.84 2.31 0.00	39.18 2.30 0.00	37.77 2.17 0.00	35.63 1.96 0.00	36.92 1.52 0.00	42.00 1.14 0.00	51.70 0.72 0.00	141.74 1.17 0.00	71.33 0.55 0.00	37.71 1.03 0.00	40.70 1.39 0.00	36.86 1.06 0.00	33.19 0.81 0.00	28.91 0.83 0.00	27.88 0.75 0.00	29.61 1.10 0.00	34.87 1.62 0.00	38.76 1.65 0.00	49.30 1.66 0.00	73.62 1.11 0.00	72.65 1.65 0.00	61.64 2.42 0.00	45.64 2.29 0.00	31.93 1.93 0.00
LISF__SOLAR 323691	40.91 2.38 0.00	39.23 2.34 0.00	37.82 2.23 0.00	35.69 2.02 0.00	36.98 1.58 0.00	42.06 1.21 0.00	51.78 0.80 0.00	141.91 1.34 0.00	71.41 0.63 0.00	37.74 1.06 0.00	40.73 1.42 0.00	36.87 1.07 0.00	33.19 0.81 0.00	28.91 0.83 0.00	27.88 0.75 0.00	29.62 1.11 0.00	34.90 1.64 0.00	38.80 1.69 0.00	49.39 1.75 0.00	73.74 1.23 0.00	72.77 1.77 0.00	61.74 2.53 0.00	45.71 2.37 0.00	31.99 1.99 0.00

LITTLE FALLS___HYD 24013	38.91 0.37 0.00	37.13 0.25 0.00	35.76 0.17 0.00	33.74 0.06 0.00	35.40 -0.01 0.00	40.92 0.06 0.00	51.52 0.54 0.00	142.22 1.65 0.00	70.52 -0.25 0.00	35.79 -0.90 0.00	38.07 -1.24 0.00	34.70 -1.10 0.00	31.31 -1.07 0.00	27.18 -0.91 0.00	26.32 -0.81 0.00	27.76 -0.75 0.00	32.51 -0.74 0.00	36.72 -0.38 0.00	47.75 0.10 0.00	72.95 0.44 0.00	71.67 0.67 0.00	59.95 0.74 0.00	43.85 0.52 0.00	30.22 0.22 0.00
LITTLRIV_115KV_TB1 356100	40.13 1.60 0.00	38.42 1.53 0.00	37.08 1.48 0.00	35.05 1.38 0.00	36.78 1.38 0.00	42.48 1.62 0.00	52.78 1.80 0.00	145.22 4.64 0.00	73.38 2.60 0.00	37.84 1.15 0.00	40.18 0.87 0.00	36.41 0.61 0.00	32.97 0.59 0.00	28.48 0.40 0.00	27.51 0.38 0.00	28.98 0.47 0.00	34.17 0.91 0.00	38.35 1.24 0.00	49.87 2.23 0.00	76.16 3.64 0.00	74.24 3.25 0.00	61.78 2.56 0.00	44.92 1.59 0.00	30.86 0.86 0.00
LI_NEWBRDGE___DRP 323616	40.21 1.68 0.00	38.52 1.63 0.00	37.07 1.48 0.00	35.03 1.35 0.00	36.54 1.13 0.00	41.99 1.13 0.00	52.26 1.28 0.00	144.18 3.61 0.00	72.57 1.80 0.00	38.03 1.35 0.00	40.78 1.47 0.00	36.99 1.19 0.00	33.38 1.00 0.00	29.08 1.00 0.00	28.14 1.02 0.00	29.79 1.28 0.00	34.79 1.53 0.00	38.60 1.49 0.00	49.16 1.53 0.00	74.32 1.80 0.00	73.06 2.07 0.00	61.45 2.24 0.00	45.27 1.93 0.00	31.42 1.43 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.02 -3.57 0.94	32.83 -3.44 0.62	32.24 -3.35 0.01	30.63 -3.03 0.01	31.73 -3.04 0.63	37.70 -3.16 0.00	46.29 -4.64 0.05	116.15 -13.17 11.26	54.44 -6.10 10.23	33.73 -2.96 0.00	36.30 -3.02 0.00	33.00 -2.80 0.00	29.96 -2.43 0.00	25.94 -2.15 0.00	25.03 -2.09 0.00	26.20 -2.31 0.00	30.31 -2.95 0.00	33.55 -3.56 0.00	42.94 -4.70 0.00	65.81 -6.70 0.00	63.80 -7.20 0.00	53.07 -6.15 0.00	38.96 -4.38 0.00	27.07 -2.92 0.00
LOCKPORT___CC1 323769	33.80 -3.60 1.13	32.68 -3.47 0.75	32.20 -3.39 0.01	30.59 -3.08 0.01	31.57 -3.08 0.75	37.65 -3.21 0.00	46.23 -4.69 0.06	113.95 -13.16 13.47	52.44 -6.10 12.23	33.70 -2.98 0.00	36.28 -3.04 0.00	32.98 -2.82 0.00	29.94 -2.44 0.00	25.94 -2.14 0.00	25.04 -2.09 0.00	26.19 -2.32 0.00	30.33 -2.93 0.00	33.53 -3.58 0.00	42.93 -4.71 0.00	65.79 -6.72 0.00	63.79 -7.21 0.00	53.03 -6.18 0.00	38.93 -4.41 0.00	27.04 -2.96 0.00
LOCKPORT___CC2 323770	33.80 -3.60 1.13	32.68 -3.47 0.75	32.20 -3.39 0.01	30.59 -3.08 0.01	31.57 -3.08 0.75	37.65 -3.21 0.00	46.23 -4.69 0.06	113.95 -13.16 13.47	52.44 -6.10 12.23	33.70 -2.98 0.00	36.28 -3.04 0.00	32.98 -2.82 0.00	29.94 -2.44 0.00	25.94 -2.14 0.00	25.04 -2.09 0.00	26.19 -2.32 0.00	30.33 -2.93 0.00	33.53 -3.58 0.00	42.93 -4.71 0.00	65.79 -6.72 0.00	63.79 -7.21 0.00	53.03 -6.18 0.00	38.93 -4.41 0.00	27.04 -2.96 0.00
LOCKPORT___CC3 323771	33.80 -3.60 1.13	32.68 -3.47 0.75	32.20 -3.39 0.01	30.59 -3.08 0.01	31.57 -3.08 0.75	37.65 -3.21 0.00	46.23 -4.69 0.06	113.95 -13.16 13.47	52.44 -6.10 12.23	33.70 -2.98 0.00	36.28 -3.04 0.00	32.98 -2.82 0.00	29.94 -2.44 0.00	25.94 -2.14 0.00	25.04 -2.09 0.00	26.19 -2.32 0.00	30.33 -2.93 0.00	33.53 -3.58 0.00	42.93 -4.71 0.00	65.79 -6.72 0.00	63.79 -7.21 0.00	53.03 -6.18 0.00	38.93 -4.41 0.00	27.04 -2.96 0.00
LONG_LAKE_PHOENIX 24014	36.98 -1.55 0.00	35.38 -1.51 0.00	34.16 -1.43 0.00	32.33 -1.34 0.00	34.03 -1.37 0.00	39.28 -1.58 0.00	48.99 -2.00 0.00	135.42 -5.16 0.00	68.08 -2.70 0.00	35.17 -1.51 0.00	37.75 -1.56 0.00	34.40 -1.40 0.00	31.12 -1.27 0.00	26.94 -1.14 0.00	25.99 -1.14 0.00	27.26 -1.25 0.00	31.76 -1.50 0.00	35.51 -1.60 0.00	45.69 -1.95 0.00	69.72 -2.79 0.00	68.16 -2.84 0.00	56.77 -2.45 0.00	41.51 -1.82 0.00	28.80 -1.20 0.00
LOVETT___3 23632	39.54 1.00 0.00	37.84 0.95 0.00	36.47 0.87 0.00	34.46 0.79 0.00	36.15 0.74 0.00	41.76 0.90 0.00	52.27 1.29 0.00	144.72 4.15 0.00	72.67 1.89 0.00	37.84 1.15 0.00	40.43 1.12 0.00	36.74 0.94 0.00	33.23 0.84 0.00	28.94 0.85 0.00	28.02 0.89 0.00	29.57 1.05 0.00	34.42 1.17 0.00	38.27 1.16 0.00	48.82 1.19 0.00	74.21 1.70 0.00	72.80 1.80 0.00	60.82 1.60 0.00	44.63 1.29 0.00	30.87 0.87 0.00
LOVETT___4 23642	39.54 1.00 0.00	37.84 0.95 0.00	36.47 0.87 0.00	34.46 0.79 0.00	36.15 0.74 0.00	41.76 0.90 0.00	52.27 1.29 0.00	144.72 4.15 0.00	72.67 1.89 0.00	37.84 1.15 0.00	40.43 1.12 0.00	36.74 0.94 0.00	33.23 0.84 0.00	28.94 0.85 0.00	28.02 0.89 0.00	29.57 1.05 0.00	34.42 1.17 0.00	38.27 1.16 0.00	48.82 1.19 0.00	74.21 1.70 0.00	72.80 1.80 0.00	60.82 1.60 0.00	44.63 1.29 0.00	30.87 0.87 0.00
LOVETT___5 23593	39.54 1.00 0.00	37.84 0.95 0.00	36.47 0.87 0.00	34.46 0.79 0.00	36.15 0.74 0.00	41.76 0.90 0.00	52.27 1.29 0.00	144.72 4.15 0.00	72.67 1.89 0.00	37.84 1.15 0.00	40.43 1.12 0.00	36.74 0.94 0.00	33.23 0.84 0.00	28.94 0.85 0.00	28.02 0.89 0.00	29.57 1.05 0.00	34.42 1.17 0.00	38.27 1.16 0.00	48.82 1.19 0.00	74.21 1.70 0.00	72.80 1.80 0.00	60.82 1.60 0.00	44.63 1.29 0.00	30.87 0.87 0.00
LOWER RAQUET___HYD 24057	39.49 0.95 0.00	37.80 0.92 0.00	36.49 0.90 0.00	34.49 0.82 0.00	36.11 0.71 0.00	41.65 0.79 0.00	51.71 0.73 0.00	142.28 1.71 0.00	71.97 1.19 0.00	37.22 0.54 0.00	39.77 0.46 0.00	36.08 0.28 0.00	32.67 0.28 0.00	28.21 0.13 0.00	27.25 0.12 0.00	28.72 0.21 0.00	33.77 0.51 0.00	37.85 0.74 0.00	49.03 1.39 0.00	74.78 2.27 0.00	72.95 1.95 0.00	60.72 1.51 0.00	44.15 0.81 0.00	30.32 0.32 0.00
LOWER___HUDSON 24059	39.84 1.31 0.00	38.16 1.27 0.00	36.78 1.19 0.00	34.78 1.11 0.00	36.51 1.11 0.00	42.12 1.26 0.00	52.69 1.71 0.00	145.18 4.60 0.00	72.71 1.93 0.00	37.56 0.88 0.00	40.17 0.85 0.00	36.60 0.80 0.00	33.09 0.70 0.00	28.69 0.61 0.00	27.75 0.63 0.00	29.20 0.68 0.00	34.11 0.85 0.00	38.09 0.98 0.00	48.96 1.32 0.00	74.31 1.80 0.00	73.08 2.08 0.00	61.02 1.81 0.00	44.73 1.39 0.00	31.06 1.06 0.00
LOWVILLE_115KV_TB2 356335	37.76 -0.77 0.00	36.03 -0.86 0.00	34.71 -0.89 0.00	32.85 -0.83 0.00	34.57 -0.84 0.00	40.11 -0.75 0.00	50.72 -0.26 0.00	141.56 0.98 0.00	71.08 0.30 0.00	36.38 -0.30 0.00	38.50 -0.81 0.00	35.08 -0.72 0.00	31.87 -0.52 0.00	27.38 -0.71 0.00	26.46 -0.67 0.00	28.12 -0.39 0.00	33.07 -0.19 0.00	37.46 0.36 0.00	49.15 1.51 0.00	75.52 3.01 0.00	73.60 2.60 0.00	60.97 1.76 0.00	43.84 0.51 0.00	29.65 -0.34 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.42 1.89 0.00	38.69 1.81 0.00	37.28 1.68 0.00	35.22 1.55 0.00	36.96 1.56 0.00	42.64 1.78 0.00	53.39 2.42 0.00	147.29 6.72 0.00	73.57 2.79 0.00	37.83 1.15 0.00	40.37 1.06 0.00	36.78 0.98 0.00	33.19 0.80 0.00	28.75 0.67 0.00	27.81 0.68 0.00	29.28 0.77 0.00	34.30 1.05 0.00	38.44 1.33 0.00	49.54 1.90 0.00	75.32 2.81 0.00	73.94 2.94 0.00	61.66 2.44 0.00	45.12 1.79 0.00	31.30 1.31 0.00

LUTHERNY_35_KV_BK2 355980	40.43 1.90 0.00	38.70 1.81 0.00	37.27 1.67 0.00	35.23 1.55 0.00	36.98 1.57 0.00	42.65 1.79 0.00	53.47 2.50 0.00	147.50 6.92 0.00	73.63 2.86 0.00	37.83 1.14 0.00	40.39 1.08 0.00	36.81 1.01 0.00	33.19 0.80 0.00	28.75 0.67 0.00	27.83 0.70 0.00	29.27 0.76 0.00	34.32 1.06 0.00	38.50 1.39 0.00	49.60 1.96 0.00	75.43 2.92 0.00	74.00 3.01 0.00	61.66 2.44 0.00	45.11 1.78 0.00	31.31 1.32 0.00
LWR___OSWEGATCHIE_HYD 23850	38.44 -0.10 0.00	36.73 -0.16 0.00	35.43 -0.16 0.00	33.51 -0.17 0.00	35.17 -0.23 0.00	40.67 -0.18 0.00	50.94 -0.05 0.00	141.08 0.50 0.00	71.08 0.30 0.00	36.55 -0.13 0.00	38.84 -0.48 0.00	35.29 -0.51 0.00	32.01 -0.37 0.00	27.57 -0.52 0.00	26.62 -0.50 0.00	28.17 -0.35 0.00	33.13 -0.13 0.00	37.36 0.25 0.00	48.79 1.15 0.00	74.74 2.23 0.00	72.87 1.87 0.00	60.52 1.30 0.00	43.76 0.42 0.00	29.82 -0.18 0.00
LYONS_FALL_HYD 23570	38.30 -0.23 0.00	36.57 -0.32 0.00	35.25 -0.35 0.00	33.37 -0.31 0.00	35.09 -0.31 0.00	40.70 -0.16 0.00	51.30 0.32 0.00	142.70 2.13 0.00	71.63 0.85 0.00	36.73 0.04 0.00	39.02 -0.29 0.00	35.53 -0.26 0.00	32.20 -0.19 0.00	27.76 -0.32 0.00	26.83 -0.30 0.00	28.39 -0.12 0.00	33.33 0.07 0.00	37.61 0.50 0.00	49.02 1.38 0.00	75.13 2.62 0.00	73.34 2.34 0.00	60.87 1.65 0.00	44.03 0.69 0.00	30.01 0.02 0.00
MADISON___COUNTY_LFGE 323628	38.89 0.35 0.00	37.14 0.25 0.00	35.83 0.23 0.00	33.90 0.23 0.00	35.71 0.31 0.00	41.43 0.57 0.00	52.00 1.02 0.00	144.17 3.59 0.00	72.31 1.54 0.00	37.04 0.35 0.00	39.50 0.19 0.00	35.93 0.13 0.00	32.45 0.07 0.00	28.09 0.01 0.00	27.14 0.02 0.00	28.56 0.05 0.00	33.41 0.15 0.00	37.52 0.41 0.00	48.59 0.95 0.00	74.36 1.85 0.00	72.70 1.70 0.00	60.47 1.25 0.00	44.08 0.74 0.00	30.37 0.38 0.00
MALONE___115KV_TB1 356076	40.15 1.61 0.00	38.43 1.55 0.00	37.05 1.46 0.00	34.99 1.32 0.00	36.78 1.37 0.00	42.45 1.59 0.00	52.85 1.87 0.00	145.37 4.79 0.00	73.66 2.88 0.00	38.15 1.47 0.00	40.83 1.51 0.00	36.93 1.13 0.00	33.38 0.99 0.00	28.74 0.66 0.00	27.78 0.65 0.00	29.26 0.75 0.00	34.49 1.23 0.00	38.68 1.57 0.00	49.93 2.29 0.00	76.07 3.55 0.00	74.37 3.37 0.00	61.93 2.71 0.00	45.06 1.72 0.00	30.85 0.86 0.00
MAPLEWOD_115KV_TB3 80458	39.89 1.36 0.00	38.20 1.31 0.00	36.84 1.25 0.00	34.84 1.17 0.00	36.60 1.20 0.00	42.22 1.36 0.00	52.80 1.81 0.00	145.62 5.05 0.00	73.00 2.22 0.00	37.77 1.09 0.00	40.39 1.07 0.00	36.76 0.97 0.00	33.26 0.88 0.00	28.85 0.77 0.00	27.90 0.78 0.00	29.36 0.85 0.00	34.28 1.02 0.00	38.27 1.17 0.00	49.14 1.50 0.00	74.61 2.10 0.00	73.27 2.27 0.00	61.21 1.99 0.00	44.86 1.52 0.00	31.12 1.13 0.00
MAPLE_RIDGE_WT_1 323574	37.89 -0.64 0.00	36.27 -0.61 0.00	35.04 -0.55 0.00	33.10 -0.57 0.00	34.81 -0.60 0.00	40.28 -0.58 0.00	50.42 -0.57 0.00	139.49 -1.09 0.00	70.69 -0.08 0.00	36.80 0.11 0.00	39.31 0.00 0.00	35.82 0.02 0.00	32.43 0.05 0.00	28.02 -0.06 0.00	27.10 -0.03 0.00	28.61 0.10 0.00	33.46 0.20 0.00	37.43 0.33 0.00	48.12 0.48 0.00	73.20 0.69 0.00	71.63 0.64 0.00	59.54 0.32 0.00	43.24 -0.10 0.00	29.60 -0.40 0.00
MAPLE_RIDGE_WT_2 323611	37.89 -0.64 0.00	36.27 -0.61 0.00	35.04 -0.55 0.00	33.10 -0.57 0.00	34.81 -0.60 0.00	40.28 -0.58 0.00	50.42 -0.57 0.00	139.49 -1.09 0.00	70.69 -0.08 0.00	36.80 0.11 0.00	39.31 0.00 0.00	35.82 0.02 0.00	32.43 0.05 0.00	28.02 -0.06 0.00	27.10 -0.03 0.00	28.61 0.10 0.00	33.46 0.20 0.00	37.43 0.33 0.00	48.12 0.48 0.00	73.20 0.69 0.00	71.63 0.64 0.00	59.54 0.32 0.00	43.24 -0.10 0.00	29.60 -0.40 0.00
MARBLE_RIVER_WT_PWR 323696	40.61 2.08 0.00	39.00 2.11 0.00	37.67 2.07 0.00	35.44 1.77 0.00	37.24 1.84 0.00	42.85 1.99 0.00	53.21 2.23 0.00	146.15 5.58 0.00	73.95 3.18 0.00	38.13 1.45 0.00	40.95 1.64 0.00	36.88 1.08 0.00	33.34 0.95 0.00	28.81 0.72 0.00	27.84 0.71 0.00	29.47 0.95 0.00	34.87 1.61 0.00	39.22 2.11 0.00	50.52 2.88 0.00	76.94 4.43 0.00	75.56 4.56 0.00	62.95 3.74 0.00	45.87 2.53 0.00	31.08 1.09 0.00
MARSHVLE_115KV_TB1 80742	40.17 1.64 0.00	38.36 1.47 0.00	37.01 1.41 0.00	35.01 1.33 0.00	36.75 1.34 0.00	42.43 1.57 0.00	53.25 2.26 0.00	147.34 6.76 0.00	73.60 2.83 0.00	37.51 0.83 0.00	40.03 0.72 0.00	36.46 0.66 0.00	32.95 0.57 0.00	28.59 0.51 0.00	27.58 0.45 0.00	28.98 0.46 0.00	33.84 0.58 0.00	38.18 1.08 0.00	49.98 2.34 0.00	76.61 4.10 0.00	74.92 3.92 0.00	62.36 3.15 0.00	45.41 2.07 0.00	31.18 1.19 0.00
MARSH_HILL_WT_PWR 323713	37.84 -4.56 -3.87	35.41 -4.02 -2.55	31.66 -3.96 -0.02	30.13 -3.57 -0.03	34.32 -3.67 -2.58	37.02 -3.84 0.00	46.47 -4.70 -0.19	175.93 -10.53 -45.88	108.10 -4.30 -41.62	34.78 -1.90 0.00	37.26 -2.06 0.00	33.75 -2.05 0.00	30.42 -1.97 0.00	26.21 -1.88 0.00	25.18 -1.95 0.00	26.32 -2.20 0.00	30.51 -2.75 0.00	34.41 -2.70 0.00	45.21 -2.43 0.00	70.28 -2.23 0.00	68.15 -2.86 0.00	55.84 -3.37 0.00	40.24 -3.10 0.00	27.40 -2.59 0.00
MCINTYRE_115KV_TB2 80467	40.47 1.93 0.00	38.75 1.86 0.00	37.40 1.80 0.00	35.37 1.70 0.00	37.17 1.77 0.00	42.97 2.11 0.00	53.37 2.40 0.00	146.77 6.20 0.00	74.14 3.37 0.00	38.18 1.50 0.00	40.49 1.18 0.00	36.70 0.90 0.00	33.24 0.85 0.00	28.73 0.65 0.00	27.75 0.62 0.00	29.23 0.72 0.00	34.47 1.21 0.00	38.67 1.57 0.00	50.28 2.64 0.00	76.80 4.29 0.00	74.87 3.87 0.00	62.30 3.09 0.00	45.33 1.99 0.00	31.16 1.17 0.00
MECO_____69_KV_BK1 80468	40.77 2.23 0.00	38.94 2.06 0.00	37.55 1.96 0.00	35.52 1.85 0.00	37.35 1.95 0.00	43.20 2.34 0.00	54.23 3.25 0.00	150.10 9.52 0.00	74.52 3.75 0.00	37.52 0.84 0.00	39.65 0.34 0.00	36.06 0.26 0.00	32.56 0.17 0.00	28.20 0.12 0.00	27.19 0.07 0.00	28.61 0.09 0.00	33.52 0.26 0.00	38.16 1.05 0.00	50.48 2.84 0.00	77.57 5.06 0.00	75.93 4.93 0.00	63.17 3.96 0.00	46.01 2.67 0.00	31.66 1.67 0.00
MENANDS___115KV_TB5 355628	39.80 1.27 0.00	38.12 1.23 0.00	36.78 1.18 0.00	34.78 1.11 0.00	36.54 1.13 0.00	42.13 1.28 0.00	52.66 1.68 0.00	145.18 4.60 0.00	72.80 2.02 0.00	37.71 1.02 0.00	40.36 1.05 0.00	36.76 0.96 0.00	33.26 0.87 0.00	28.85 0.77 0.00	27.90 0.78 0.00	29.36 0.85 0.00	34.26 1.01 0.00	38.20 1.10 0.00	49.00 1.36 0.00	74.37 1.86 0.00	73.05 2.05 0.00	61.02 1.81 0.00	44.74 1.40 0.00	31.06 1.07 0.00
MG INDUSTRY___DRP 24185	39.75 1.22 0.00	38.07 1.19 0.00	36.74 1.15 0.00	34.76 1.09 0.00	36.55 1.15 0.00	42.17 1.31 0.00	52.69 1.71 0.00	145.31 4.73 0.00	72.69 1.91 0.00	37.46 0.78 0.00	40.05 0.74 0.00	36.53 0.74 0.00	33.03 0.65 0.00	28.65 0.57 0.00	27.69 0.56 0.00	29.12 0.61 0.00	34.01 0.75 0.00	38.08 0.97 0.00	49.01 1.37 0.00	74.50 2.00 0.00	73.05 2.05 0.00	60.98 1.77 0.00	44.68 1.35 0.00	30.98 0.98 0.00

MID___OSWEGATCHIE_HYD 23849	38.44 -0.10 0.00	36.73 -0.16 0.00	35.43 -0.16 0.00	33.51 -0.17 0.00	35.17 -0.23 0.00	40.67 -0.18 0.00	50.94 -0.05 0.00	141.08 0.50 0.00	71.08 0.30 0.00	36.55 -0.13 0.00	38.84 -0.48 0.00	35.29 -0.51 0.00	32.01 -0.37 0.00	27.57 -0.52 0.00	26.62 -0.50 0.00	28.17 -0.35 0.00	33.13 -0.13 0.00	37.36 0.25 0.00	48.79 1.15 0.00	74.74 2.23 0.00	72.87 1.87 0.00	60.52 1.30 0.00	43.76 0.42 0.00	29.82 -0.18 0.00
MID___RAQUETTE_HYD 23851	39.49 0.95 0.00	37.80 0.92 0.00	36.49 0.90 0.00	34.49 0.82 0.00	36.11 0.71 0.00	41.65 0.79 0.00	51.71 0.73 0.00	142.28 1.71 0.00	71.97 1.19 0.00	37.22 0.54 0.00	39.77 0.46 0.00	36.08 0.28 0.00	32.67 0.28 0.00	28.21 0.13 0.00	27.25 0.12 0.00	28.72 0.21 0.00	33.77 0.51 0.00	37.85 0.74 0.00	49.03 1.39 0.00	74.78 2.26 0.00	72.96 1.96 0.00	60.73 1.51 0.00	44.15 0.81 0.00	30.32 0.32 0.00
MILLIKEN___1 23584	38.53 -0.28 -0.28	36.75 -0.33 -0.18	35.26 -0.34 0.00	33.36 -0.32 0.00	35.35 -0.24 -0.19	40.72 -0.14 0.00	50.95 -0.05 -0.01	144.47 0.56 -3.34	73.82 0.01 -3.03	36.30 -0.38 0.00	38.71 -0.61 0.00	35.12 -0.68 0.00	31.72 -0.67 0.00	27.50 -0.58 0.00	26.55 -0.57 0.00	27.87 -0.64 0.00	32.54 -0.72 0.00	36.55 -0.56 0.00	47.33 -0.31 0.00	72.59 0.08 0.00	70.92 -0.08 0.00	58.92 -0.30 0.00	43.04 -0.30 0.00	29.75 -0.23 0.00
MILLIKEN___2 23585	38.53 -0.28 -0.28	36.75 -0.33 -0.18	35.26 -0.34 0.00	33.36 -0.32 0.00	35.35 -0.24 -0.19	40.72 -0.14 0.00	50.95 -0.05 -0.01	144.47 0.56 -3.34	73.82 0.01 -3.03	36.30 -0.38 0.00	38.71 -0.61 0.00	35.12 -0.68 0.00	31.72 -0.67 0.00	27.50 -0.58 0.00	26.55 -0.57 0.00	27.87 -0.64 0.00	32.54 -0.72 0.00	36.55 -0.56 0.00	47.33 -0.31 0.00	72.59 0.08 0.00	70.92 -0.08 0.00	58.92 -0.30 0.00	43.04 -0.30 0.00	29.75 -0.23 0.00
MILLIKEN___DIESEL 23629	38.53 -0.28 -0.28	36.75 -0.33 -0.18	35.26 -0.34 0.00	33.36 -0.32 0.00	35.35 -0.24 -0.19	40.72 -0.14 0.00	50.95 -0.05 -0.01	144.47 0.56 -3.34	73.82 0.01 -3.03	36.30 -0.38 0.00	38.71 -0.61 0.00	35.12 -0.68 0.00	31.72 -0.67 0.00	27.50 -0.58 0.00	26.55 -0.57 0.00	27.87 -0.64 0.00	32.54 -0.72 0.00	36.55 -0.56 0.00	47.33 -0.31 0.00	72.59 0.08 0.00	70.92 -0.08 0.00	58.92 -0.30 0.00	43.04 -0.30 0.00	29.75 -0.23 0.00
MILLSEAT___LFGE 323607	35.14 -2.63 0.76	33.83 -2.56 0.50	33.06 -2.53 0.01	31.42 -2.25 0.01	32.70 -2.19 0.51	38.70 -2.16 0.00	47.73 -3.21 0.04	122.77 -8.71 9.09	58.53 -3.99 8.26	34.48 -2.21 0.00	36.89 -2.43 0.00	33.47 -2.33 0.00	30.42 -1.97 0.00	26.28 -1.80 0.00	25.35 -1.78 0.00	26.51 -2.00 0.00	30.75 -2.51 0.00	34.16 -2.95 0.00	44.08 -3.56 0.00	67.84 -4.68 0.00	65.83 -5.17 0.00	54.69 -4.52 0.00	40.08 -3.27 0.00	27.80 -2.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.69 1.15 0.00	37.99 1.10 0.00	36.61 1.01 0.00	34.60 0.93 0.00	36.29 0.88 0.00	41.90 1.04 0.00	52.46 1.47 0.00	145.24 4.67 0.00	72.91 2.14 0.00	37.98 1.30 0.00	40.61 1.30 0.00	36.90 1.10 0.00	33.36 0.98 0.00	29.05 0.97 0.00	28.14 1.01 0.00	29.69 1.18 0.00	34.56 1.31 0.00	38.42 1.31 0.00	49.02 1.38 0.00	74.49 1.98 0.00	73.04 2.04 0.00	61.04 1.83 0.00	44.79 1.45 0.00	31.00 1.00 0.00
MILLWOOD_13_KV_LOAD 356217	39.73 1.20 0.00	38.04 1.15 0.00	36.65 1.05 0.00	34.64 0.97 0.00	36.33 0.92 0.00	41.97 1.11 0.00	52.53 1.55 0.00	145.48 4.90 0.00	73.03 2.26 0.00	38.04 1.35 0.00	40.66 1.35 0.00	36.94 1.14 0.00	33.40 1.01 0.00	29.08 1.00 0.00	28.16 1.03 0.00	29.72 1.21 0.00	34.60 1.35 0.00	38.46 1.35 0.00	49.09 1.45 0.00	74.61 2.10 0.00	73.16 2.16 0.00	61.11 1.90 0.00	44.85 1.51 0.00	31.03 1.04 0.00
MODEL_CITY_ENERGY 24167	33.75 -3.88 0.90	32.56 -3.73 0.60	31.95 -3.64 0.01	30.36 -3.30 0.01	31.47 -3.33 0.60	37.36 -3.49 0.00	45.79 -5.15 0.04	115.15 -14.64 10.78	54.15 -6.83 9.80	33.40 -3.28 0.00	35.98 -3.33 0.00	32.72 -3.08 0.00	29.71 -2.68 0.00	25.76 -2.33 0.00	24.87 -2.25 0.00	26.01 -2.50 0.00	30.11 -3.15 0.00	33.24 -3.87 0.00	42.46 -5.18 0.00	65.02 -7.49 0.00	63.03 -7.97 0.00	52.46 -6.75 0.00	38.55 -4.79 0.00	26.82 -3.18 0.00
MODERN_LFGE___ 323580	33.75 -3.88 0.90	32.56 -3.73 0.60	31.95 -3.64 0.01	30.36 -3.30 0.01	31.47 -3.33 0.60	37.36 -3.49 0.00	45.79 -5.15 0.04	115.15 -14.64 10.78	54.15 -6.83 9.80	33.40 -3.28 0.00	35.98 -3.33 0.00	32.72 -3.08 0.00	29.71 -2.68 0.00	25.76 -2.33 0.00	24.87 -2.25 0.00	26.01 -2.50 0.00	30.11 -3.15 0.00	33.24 -3.87 0.00	42.46 -5.18 0.00	65.02 -7.49 0.00	63.03 -7.97 0.00	52.46 -6.75 0.00	38.55 -4.79 0.00	26.82 -3.18 0.00
MOHAWK_PAPER___DRP 24187	39.89 1.36 0.00	38.20 1.31 0.00	36.84 1.25 0.00	34.84 1.17 0.00	36.60 1.20 0.00	42.22 1.36 0.00	52.80 1.81 0.00	145.62 5.05 0.00	73.00 2.22 0.00	37.77 1.09 0.00	40.39 1.07 0.00	36.76 0.97 0.00	33.26 0.88 0.00	28.85 0.77 0.00	27.90 0.78 0.00	29.36 0.85 0.00	34.28 1.02 0.00	38.27 1.17 0.00	49.14 1.50 0.00	74.61 2.10 0.00	73.27 2.27 0.00	61.21 1.99 0.00	44.86 1.52 0.00	31.12 1.13 0.00
MOHICAN___35_KV_115KV_LD 80490	41.05 2.52 0.00	39.31 2.42 0.00	37.79 2.20 0.00	35.68 2.01 0.00	37.32 1.92 0.00	43.03 2.17 0.00	53.96 2.98 0.00	148.90 8.33 0.00	74.20 3.42 0.00	38.03 1.34 0.00	40.49 1.17 0.00	36.88 1.08 0.00	33.24 0.86 0.00	28.72 0.63 0.00	27.77 0.64 0.00	29.24 0.73 0.00	34.35 1.10 0.00	38.50 1.40 0.00	49.73 2.09 0.00	75.62 3.10 0.00	74.39 3.39 0.00	61.98 2.77 0.00	45.36 2.02 0.00	31.51 1.51 0.00
MONGAUP___HYD 23641	39.93 1.40 0.00	38.19 1.30 0.00	36.82 1.22 0.00	34.81 1.14 0.00	36.47 1.06 0.00	41.64 0.78 0.00	51.96 0.98 0.00	143.88 3.31 0.00	72.09 1.32 0.00	37.11 0.43 0.00	39.75 0.43 0.00	36.36 0.56 0.00	32.87 0.49 0.00	28.61 0.52 0.00	27.69 0.57 0.00	29.16 0.64 0.00	33.74 0.48 0.00	37.20 0.09 0.00	48.10 0.46 0.00	73.67 1.15 0.00	72.31 1.31 0.00	60.36 1.15 0.00	44.42 1.08 0.00	31.02 1.03 0.00
MONTAUK___DIESEL 23721	41.59 3.06 0.00	40.30 3.42 0.00	38.93 3.34 0.00	36.39 2.72 0.00	36.91 1.51 0.00	41.02 0.17 0.00	50.43 -0.55 0.00	138.12 -2.45 0.00	69.31 -1.47 0.00	36.60 -0.08 0.00	39.50 0.19 0.00	35.79 -0.01 0.00	32.07 -0.31 0.00	28.01 -0.07 0.00	27.01 -0.12 0.00	28.86 0.35 0.00	34.29 1.03 0.00	37.89 0.78 0.00	48.03 0.38 0.00	71.64 -0.87 0.00	70.84 -0.16 0.00	60.84 1.62 0.00	45.78 2.44 0.00	32.13 2.14 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.78 -3.40 0.35	33.31 -3.34 0.23	32.42 -3.18 0.00	30.91 -2.77 0.00	32.54 -2.61 0.26	38.76 -2.10 0.00	48.53 -2.44 0.02	131.29 -5.25 4.03	65.44 -1.74 3.60	36.25 -0.43 0.00	39.22 -0.10 0.00	35.42 -0.38 0.00	31.74 -0.65 0.00	27.49 -0.59 0.00	26.40 -0.72 0.00	27.50 -1.01 0.00	31.82 -1.43 0.00	35.54 -1.57 0.00	45.60 -2.04 0.00	69.78 -2.74 0.00	67.35 -3.65 0.00	55.63 -3.59 0.00	40.00 -3.34 0.00	27.17 -2.83 0.00

MORRIS_RIDGE___SOLAR 323848	26.60 -3.95 7.99	27.92 -3.70 5.26	32.01 -3.55 0.05	30.39 -3.23 0.05	26.79 -3.28 5.33	37.55 -3.31 0.00	46.41 -4.18 0.39	35.75 -10.38 94.45	-19.73 -4.92 85.58	34.13 -2.56 0.00	36.54 -2.78 0.00	33.17 -2.63 0.00	29.99 -2.39 0.00	25.91 -2.18 0.00	25.01 -2.12 0.00	26.13 -2.38 0.00	30.31 -2.95 0.00	33.99 -3.12 0.00	44.38 -3.25 0.00	68.78 -3.73 0.00	66.75 -4.24 0.00	55.22 -4.00 0.00	40.20 -3.14 0.00	27.46 -2.53 0.00
MORTIMER_115KV_TB3 55949	36.41 -2.12 0.00	34.81 -2.07 0.00	33.55 -2.04 0.00	31.83 -1.85 0.00	33.57 -1.84 0.00	38.92 -1.94 0.00	48.29 -2.69 0.00	133.46 -7.12 0.00	67.39 -3.38 0.00	34.81 -1.87 0.00	37.37 -1.95 0.00	34.01 -1.79 0.00	30.78 -1.61 0.00	26.67 -1.41 0.00	25.74 -1.38 0.00	26.99 -1.52 0.00	31.33 -1.92 0.00	34.87 -2.24 0.00	44.82 -2.82 0.00	68.54 -3.98 0.00	66.71 -4.29 0.00	55.46 -3.76 0.00	40.60 -2.74 0.00	28.18 -1.82 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.93 1.40 0.00	38.24 1.35 0.00	36.80 1.21 0.00	34.81 1.14 0.00	36.51 1.11 0.00	42.17 1.31 0.00	52.77 1.79 0.00	146.36 5.78 0.00	73.49 2.72 0.00	38.38 1.70 0.00	41.05 1.74 0.00	37.31 1.51 0.00	33.72 1.34 0.00	29.38 1.30 0.00	28.45 1.33 0.00	30.07 1.55 0.00	34.95 1.69 0.00	38.78 1.67 0.00	49.40 1.76 0.00	75.05 2.54 0.00	73.49 2.49 0.00	61.45 2.23 0.00	45.13 1.78 0.00	31.24 1.25 0.00
MUNSVILLE_WIND_PWR 323609	39.82 1.08 -0.21	38.02 1.00 -0.14	36.56 0.96 0.00	34.39 0.71 0.00	36.17 0.63 -0.14	41.43 0.57 0.00	52.47 1.47 -0.01	149.28 6.23 -2.47	75.73 2.71 -2.24	38.06 1.38 0.00	40.24 0.93 0.00	36.45 0.66 0.00	32.80 0.42 0.00	28.36 0.27 0.00	27.33 0.21 0.00	28.89 0.38 0.00	34.06 0.80 0.00	38.70 1.59 0.00	50.66 3.02 0.00	77.95 5.43 0.00	75.84 4.84 0.00	62.61 3.40 0.00	45.38 2.04 0.00	30.94 0.94 0.00
N SALMON___HYD 24042	40.15 1.61 0.00	38.43 1.55 0.00	37.05 1.46 0.00	34.99 1.32 0.00	36.78 1.37 0.00	42.45 1.59 0.00	52.84 1.86 0.00	145.37 4.79 0.00	73.66 2.88 0.00	38.15 1.47 0.00	40.83 1.51 0.00	36.93 1.13 0.00	33.38 0.99 0.00	28.74 0.65 0.00	27.77 0.65 0.00	29.26 0.75 0.00	34.48 1.23 0.00	38.68 1.57 0.00	49.93 2.29 0.00	76.07 3.55 0.00	74.37 3.37 0.00	61.93 2.71 0.00	45.06 1.72 0.00	30.85 0.86 0.00
N.AKRON__115KV_KNAPP 355671	34.98 -2.73 0.82	33.70 -2.65 0.54	32.99 -2.60 0.01	31.34 -2.32 0.01	32.59 -2.27 0.55	38.61 -2.25 0.00	47.61 -3.33 0.04	121.61 -9.19 9.77	57.67 -4.23 8.88	34.45 -2.24 0.00	36.90 -2.42 0.00	33.50 -2.30 0.00	30.60 -1.79 0.00	26.33 -1.75 0.00	25.37 -1.76 0.00	26.54 -1.98 0.00	30.76 -2.50 0.00	34.19 -2.92 0.00	43.99 -3.65 0.00	67.64 -4.88 0.00	65.61 -5.39 0.00	54.53 -4.69 0.00	39.96 -3.38 0.00	27.73 -2.27 0.00
N.BELMOR_69_KV_BK1 55787	40.46 1.93 0.00	38.75 1.86 0.00	37.29 1.69 0.00	35.23 1.55 0.00	36.75 1.34 0.00	42.26 1.40 0.00	52.60 1.62 0.00	144.86 4.29 0.00	73.05 2.28 0.00	38.27 1.59 0.00	41.00 1.69 0.00	37.17 1.37 0.00	33.53 1.14 0.00	29.21 1.12 0.00	28.26 1.14 0.00	29.93 1.42 0.00	34.98 1.72 0.00	38.84 1.74 0.00	49.51 1.87 0.00	74.93 2.42 0.00	73.68 2.68 0.00	61.94 2.72 0.00	45.61 2.28 0.00	31.63 1.63 0.00
N.E_GEN_SANDY PD 24062	39.69 1.16 0.00	38.04 1.15 0.00	36.72 1.12 0.00	34.71 1.03 0.00	36.40 1.00 0.00	42.00 1.14 0.00	52.54 1.56 0.00	143.34 4.31 1.55	73.58 1.82 -0.98	37.05 0.94 0.57	40.30 0.99 0.00	36.70 0.90 0.00	33.25 0.87 0.00	28.88 0.79 0.00	27.95 0.82 0.00	29.41 0.90 0.00	34.28 1.02 0.00	38.12 1.01 0.00	48.84 1.20 0.00	73.11 1.58 0.99	73.86 1.87 -0.99	60.89 1.68 0.00	44.68 1.34 0.00	31.03 1.04 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.59 1.05 0.00	37.88 0.99 0.00	36.50 0.91 0.00	34.50 0.83 0.00	36.19 0.78 0.00	41.81 0.95 0.00	52.36 1.38 0.00	144.93 4.36 0.00	72.78 2.00 0.00	37.88 1.20 0.00	40.48 1.17 0.00	36.78 0.98 0.00	33.25 0.87 0.00	28.96 0.88 0.00	28.05 0.92 0.00	29.59 1.08 0.00	34.47 1.22 0.00	38.35 1.24 0.00	48.92 1.28 0.00	74.36 1.85 0.00	72.94 1.94 0.00	60.92 1.70 0.00	44.69 1.35 0.00	30.90 0.90 0.00
N.QUEENS_27_KV_LOAD 356247	39.93 1.40 0.00	38.23 1.34 0.00	36.78 1.18 0.00	34.78 1.11 0.00	36.48 1.08 0.00	42.12 1.26 0.00	52.69 1.71 0.00	146.18 5.61 0.00	73.52 2.74 0.00	38.45 1.77 0.00	41.13 1.81 0.00	37.42 1.62 -0.01	33.79 1.40 -0.01	29.46 1.37 -0.01	28.50 1.38 0.00	30.13 1.61 -0.01	34.95 1.70 0.01	38.74 1.64 0.00	49.29 1.65 0.00	74.97 2.46 0.00	73.46 2.46 0.00	61.48 2.26 0.00	45.19 1.85 0.00	31.25 1.26 0.00
N.TROY___115KV_TB1 355778	39.84 1.31 0.00	38.16 1.27 0.00	36.79 1.19 0.00	34.78 1.11 0.00	36.51 1.11 0.00	42.11 1.26 0.00	52.69 1.71 0.00	145.19 4.62 0.00	72.71 1.94 0.00	37.56 0.88 0.00	40.17 0.86 0.00	36.60 0.80 0.00	33.09 0.70 0.00	28.69 0.61 0.00	27.76 0.63 0.00	29.20 0.68 0.00	34.11 0.85 0.00	38.09 0.98 0.00	48.96 1.32 0.00	74.31 1.80 0.00	73.08 2.08 0.00	61.02 1.81 0.00	44.73 1.39 0.00	31.06 1.06 0.00
NARROWS_GT1_1 24228	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT1_2 24229	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT1_3 24230	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT1_4 24231	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18

NARROWS_GT1_5 24232	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT1_6 24233	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT1_7 24234	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT1_8 24235	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT2_1 24236	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT2_2 24237	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT2_3 24238	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT2_4 24239	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT2_5 24240	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT2_6 24241	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT2_7 24242	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NARROWS_GT2_8 24243	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.80 2.27 0.00	39.06 2.17 0.00	37.67 2.07 0.00	35.65 1.98 0.00	37.50 2.10 0.00	43.32 2.46 0.00	54.31 3.32 0.00	150.03 9.46 0.00	74.95 4.18 0.00	38.30 1.62 0.00	40.70 1.38 0.00	37.07 1.26 0.00	33.51 1.13 0.00	28.96 0.88 0.00	27.96 0.83 0.00	29.42 0.91 0.00	34.42 1.17 0.00	38.67 1.56 0.00	50.12 2.48 0.00	76.60 4.09 0.00	75.15 4.15 0.00	62.66 3.45 0.00	45.81 2.47 0.00	31.72 1.73 0.00
NCHELSEA_115KV_TR2 355582	40.03 1.49 0.00	38.31 1.42 0.00	36.93 1.34 0.00	34.92 1.25 0.00	36.65 1.24 0.00	42.34 1.48 0.00	53.03 2.05 0.00	146.86 6.28 0.00	73.64 2.86 0.00	38.24 1.55 0.00	40.83 1.51 0.00	37.09 1.30 0.00	33.54 1.15 0.00	29.19 1.10 0.00	28.25 1.12 0.00	29.79 1.28 0.00	34.73 1.47 0.00	38.67 1.56 0.00	49.47 1.83 0.00	75.26 2.75 0.00	73.77 2.76 0.00	61.58 2.36 0.00	45.14 1.80 0.00	31.23 1.25 0.00
NEG CAPITAL___MECHNVIL 23645	40.45 1.92 0.00	38.73 1.84 0.00	37.31 1.72 0.00	35.26 1.59 0.00	37.00 1.60 0.00	42.70 1.84 0.00	53.51 2.52 0.00	147.55 6.97 0.00	73.75 2.98 0.00	37.95 1.26 0.00	40.50 1.19 0.00	36.90 1.10 0.00	33.29 0.91 0.00	28.85 0.76 0.00	27.90 0.78 0.00	29.38 0.87 0.00	34.39 1.13 0.00	38.54 1.43 0.00	49.68 2.04 0.00	75.50 2.99 0.00	74.13 3.14 0.00	61.81 2.59 0.00	45.23 1.89 0.00	31.37 1.38 0.00



NEG CENTRAL_HIGH_ACRES 23767	36.08 -2.46 0.00	34.50 -2.39 0.00	33.27 -2.33 0.00	31.55 -2.13 0.00	33.28 -2.12 0.00	38.56 -2.30 0.00	47.96 -3.02 0.00	132.73 -7.85 0.00	66.93 -3.84 0.00	34.48 -2.20 0.00	36.97 -2.35 0.00	33.64 -2.17 0.00	30.42 -1.97 0.00	26.36 -1.72 0.00	25.44 -1.69 0.00	26.66 -1.86 0.00	31.00 -2.26 0.00	34.59 -2.52 0.00	44.55 -3.09 0.00	68.07 -4.44 0.00	66.28 -4.72 0.00	55.10 -4.11 0.00	40.29 -3.05 0.00	27.95 -2.04 0.00
NEG CENTRAL___DRP 24199	37.66 -1.23 -0.35	35.89 -1.23 -0.23	34.40 -1.20 0.00	32.60 -1.08 0.00	34.60 -1.04 -0.24	39.85 -1.01 0.00	49.75 -1.25 -0.02	141.65 -3.11 -4.19	72.88 -1.70 -3.80	35.62 -1.07 0.00	38.09 -1.22 0.00	34.58 -1.22 0.00	31.24 -1.15 0.00	27.08 -1.00 0.00	26.14 -0.98 0.00	27.42 -1.09 0.00	31.93 -1.33 0.00	35.78 -1.34 0.00	46.21 -1.43 0.00	70.66 -1.85 0.00	68.95 -2.05 0.00	57.34 -1.87 0.00	41.97 -1.37 0.00	29.01 -0.98 0.00
NEG CENTRAL___INDECK 23768	40.55 -1.88 -3.90	37.66 -1.80 -2.57	33.86 -1.76 -0.02	32.15 -1.55 -0.03	36.50 -1.51 -2.60	39.54 -1.32 0.00	49.60 -1.58 -0.19	183.65 -3.05 -46.12	111.24 -1.34 -41.79	35.29 -1.39 0.00	37.67 -1.64 0.00	34.23 -1.57 0.00	30.93 -1.45 0.00	26.72 -1.37 0.00	25.77 -1.36 0.00	26.99 -1.52 0.00	31.33 -1.92 0.00	35.04 -2.07 0.00	45.73 -1.91 0.00	71.41 -1.11 0.00	69.51 -1.49 0.00	57.56 -1.65 0.00	41.85 -1.48 0.00	28.72 -1.28 0.00
NEG CENTRAL___SENECA 23627	37.74 -1.36 -0.57	35.90 -1.36 -0.38	34.29 -1.31 0.00	32.52 -1.16 0.00	34.66 -1.13 -0.38	39.84 -1.02 0.00	49.72 -1.29 -0.03	144.04 -3.27 -6.73	75.13 -1.74 -6.10	35.64 -1.04 0.00	38.08 -1.24 0.00	34.50 -1.30 0.00	31.17 -1.22 0.00	26.99 -1.09 0.00	26.06 -1.07 0.00	27.33 -1.18 0.00	31.82 -1.44 0.00	35.70 -1.41 0.00	46.20 -1.45 0.00	70.69 -1.82 0.00	68.88 -2.12 0.00	57.31 -1.91 0.00	41.95 -1.39 0.00	28.93 -1.06 0.00
NEG CENTRAL___STATE_STREET 24147	37.82 -0.71 0.00	36.16 -0.72 0.00	34.80 -0.79 0.00	32.95 -0.73 0.00	34.80 -0.60 0.00	40.30 -0.56 0.00	50.33 -0.65 0.00	139.18 -1.39 0.00	69.87 -0.91 0.00	35.84 -0.84 0.00	38.34 -0.98 0.00	34.85 -0.95 0.00	31.48 -0.90 0.00	27.35 -0.73 0.00	26.41 -0.71 0.00	27.70 -0.82 0.00	32.29 -0.96 0.00	36.19 -0.91 0.00	46.71 -0.93 0.00	71.44 -1.07 0.00	69.78 -1.22 0.00	57.91 -1.30 0.00	42.34 -1.00 0.00	29.40 -0.60 0.00
NEG MILLWOOD___DRP 24198	40.15 1.62 0.00	38.43 1.55 0.00	37.05 1.45 0.00	35.03 1.36 0.00	36.76 1.35 0.00	42.47 1.61 0.00	53.22 2.24 0.00	147.44 6.86 0.00	73.94 3.16 0.00	38.41 1.73 0.00	41.03 1.72 0.00	37.26 1.46 0.00	33.67 1.29 0.00	29.31 1.22 0.00	28.37 1.25 0.00	29.93 1.41 0.00	34.86 1.60 0.00	38.80 1.70 0.00	49.62 1.98 0.00	75.48 2.97 0.00	73.97 2.97 0.00	61.75 2.54 0.00	45.28 1.94 0.00	31.32 1.33 0.00
NEG NORTH_FLCN_SEA 23793	40.68 2.15 0.00	39.02 2.14 0.00	37.69 2.10 0.00	35.54 1.87 0.00	37.36 1.95 0.00	43.06 2.21 0.00	53.53 2.55 0.00	146.82 6.25 0.00	74.35 3.58 0.00	38.44 1.76 0.00	41.31 1.99 0.00	37.28 1.48 0.00	33.66 1.28 0.00	29.02 0.94 0.00	28.08 0.95 0.00	29.64 1.13 0.00	34.96 1.70 0.00	39.26 2.15 0.00	50.57 2.93 0.00	77.06 4.55 0.00	75.63 4.63 0.00	63.01 3.79 0.00	45.94 2.61 0.00	31.26 1.27 0.00
NEG NORTH_KES_CHATEGAY 23792	39.82 1.29 0.00	38.16 1.27 0.00	36.80 1.20 0.00	34.75 1.08 0.00	36.56 1.15 0.00	42.17 1.31 0.00	52.44 1.46 0.00	144.08 3.51 0.00	73.01 2.23 0.00	37.81 1.13 0.00	40.55 1.24 0.00	36.64 0.84 0.00	33.12 0.73 0.00	28.55 0.46 0.00	27.57 0.45 0.00	29.09 0.58 0.00	34.25 0.99 0.00	38.45 1.34 0.00	49.52 1.88 0.00	75.42 2.90 0.00	73.79 2.79 0.00	61.51 2.29 0.00	44.82 1.48 0.00	30.67 0.68 0.00
NEG NORTH___ALICE_FALLS 23915	40.67 2.14 0.00	39.00 2.11 0.00	37.65 2.05 0.00	35.51 1.84 0.00	37.34 1.94 0.00	43.07 2.21 0.00	53.59 2.61 0.00	147.15 6.57 0.00	74.52 3.74 0.00	38.54 1.85 0.00	41.37 2.06 0.00	37.34 1.54 0.00	33.72 1.33 0.00	29.03 0.94 0.00	28.06 0.94 0.00	29.65 1.13 0.00	34.95 1.69 0.00	39.26 2.16 0.00	50.61 2.97 0.00	77.15 4.63 0.00	75.67 4.67 0.00	63.01 3.79 0.00	45.92 2.58 0.00	31.27 1.28 0.00
NEG NORTH___LWR_SARANAC 23913	40.67 2.14 0.00	39.00 2.11 0.00	37.65 2.05 0.00	35.51 1.84 0.00	37.34 1.94 0.00	43.07 2.21 0.00	53.59 2.61 0.00	147.15 6.57 0.00	74.52 3.74 0.00	38.54 1.85 0.00	41.37 2.06 0.00	37.34 1.54 0.00	33.72 1.33 0.00	29.03 0.94 0.00	28.06 0.94 0.00	29.65 1.13 0.00	34.95 1.69 0.00	39.26 2.16 0.00	50.61 2.97 0.00	77.15 4.63 0.00	75.67 4.67 0.00	63.01 3.79 0.00	45.92 2.58 0.00	31.27 1.28 0.00
NEG NORTH___PLATTSBURG 23628	40.67 2.14 0.00	39.00 2.11 0.00	37.65 2.05 0.00	35.51 1.83 0.00	37.34 1.94 0.00	43.06 2.21 0.00	53.59 2.61 0.00	147.15 6.57 0.00	74.52 3.74 0.00	38.54 1.85 0.00	41.37 2.05 0.00	37.34 1.54 0.00	33.72 1.33 0.00	29.02 0.94 0.00	28.06 0.94 0.00	29.65 1.13 0.00	34.95 1.69 0.00	39.27 2.16 0.00	50.61 2.97 0.00	77.15 4.63 0.00	75.66 4.67 0.00	63.00 3.79 0.00	45.92 2.58 0.00	31.27 1.28 0.00
NEG WEST_LEA_LOCKPORT 23791	33.78 -3.62 1.13	32.66 -3.48 0.75	32.20 -3.39 0.01	30.58 -3.08 0.01	31.57 -3.08 0.75	37.65 -3.21 0.00	46.23 -4.70 0.06	113.90 -13.21 13.47	52.41 -6.14 12.23	33.70 -2.99 0.00	36.28 -3.03 0.00	32.99 -2.81 0.00	29.95 -2.44 0.00	25.93 -2.16 0.00	25.02 -2.11 0.00	26.19 -2.32 0.00	30.30 -2.95 0.00	33.54 -3.57 0.00	42.94 -4.70 0.00	65.79 -6.72 0.00	63.79 -7.21 0.00	53.04 -6.18 0.00	38.92 -4.42 0.00	27.04 -2.95 0.00
NEG WEST___LANCASTR 23811	35.93 -2.08 0.52	34.48 -2.06 0.34	33.65 -1.94 0.00	32.00 -1.67 0.00	33.38 -1.68 0.35	39.26 -1.60 0.00	48.47 -2.49 0.03	127.16 -7.26 6.15	61.88 -3.32 5.58	35.29 -1.39 0.00	38.05 -1.27 0.00	34.53 -1.27 0.00	31.23 -1.15 0.00	27.07 -1.01 0.00	26.18 -0.95 0.00	27.46 -1.05 0.00	31.80 -1.46 0.00	35.21 -1.90 0.00	44.95 -2.69 0.00	68.84 -3.68 0.00	66.84 -4.16 0.00	55.54 -3.67 0.00	40.80 -2.54 0.00	28.25 -1.75 0.00
NEG_PENN_ALLEGHNY 23528	37.77 -0.76 0.00	36.09 -0.80 0.00	34.86 -0.74 0.00	33.04 -0.64 0.00	34.77 -0.63 0.00	40.29 -0.57 0.00	50.28 -0.70 0.00	139.17 -1.40 0.00	69.95 -0.82 0.00	36.19 -0.49 0.00	38.80 -0.52 0.00	35.25 -0.55 0.00	31.85 -0.54 0.00	27.61 -0.48 0.00	26.68 -0.44 0.00	28.01 -0.50 0.00	32.65 -0.61 0.00	36.42 -0.69 0.00	46.78 -0.86 0.00	71.49 -1.02 0.00	69.85 -1.14 0.00	58.12 -1.10 0.00	42.55 -0.79 0.00	29.38 -0.62 0.00
NEG___GEN_MONROE 24207	36.37 -1.97 0.19	34.83 -1.93 0.13	33.69 -1.90 0.00	31.98 -1.70 0.00	33.60 -1.68 0.13	39.18 -1.68 0.00	48.62 -2.35 0.01	131.99 -6.26 2.32	65.70 -2.97 2.12	34.93 -1.75 0.00	37.42 -1.90 0.00	34.01 -1.78 0.00	30.80 -1.59 0.00	26.67 -1.41 0.00	25.73 -1.40 0.00	26.96 -1.55 0.00	31.31 -1.95 0.00	34.88 -2.23 0.00	44.95 -2.69 0.00	68.93 -3.59 0.00	67.09 -3.91 0.00	55.73 -3.49 0.00	40.79 -2.54 0.00	28.30 -1.70 0.00

NEPA__ENERGY 23901	35.46 -2.57 0.50	33.93 -2.62 0.33	33.12 -2.48 0.00	31.53 -2.15 0.00	32.89 -2.15 0.37	38.94 -1.92 0.00	48.35 -2.61 0.02	127.98 -6.63 5.96	62.24 -3.13 5.40	35.28 -1.40 0.00	38.11 -1.20 0.00	34.44 -1.36 0.00	31.05 -1.34 0.00	26.93 -1.16 0.00	26.04 -1.08 0.00	27.28 -1.24 0.00	31.66 -1.60 0.00	35.13 -1.98 0.00	44.84 -2.81 0.00	68.73 -3.78 0.00	66.77 -4.23 0.00	55.37 -3.84 0.00	40.44 -2.90 0.00	27.75 -2.24 0.00
NEVERSINK__HYD 23608	40.16 1.63 0.00	38.41 1.53 0.00	37.03 1.44 0.00	35.01 1.34 0.00	36.78 1.37 0.00	42.53 1.67 0.00	53.32 2.34 0.00	147.63 7.05 0.00	74.05 3.28 0.00	38.35 1.66 0.00	40.85 1.54 0.00	37.05 1.25 0.00	33.47 1.09 0.00	29.07 0.99 0.00	28.13 1.00 0.00	29.65 1.13 0.00	34.62 1.37 0.00	38.69 1.59 0.00	49.65 2.01 0.00	75.69 3.17 0.00	74.17 3.17 0.00	61.90 2.68 0.00	45.32 1.98 0.00	31.31 1.32 0.00
NEWKRMKL_115KV_TB1 55635	39.85 1.32 0.00	38.17 1.28 0.00	36.81 1.22 0.00	34.83 1.15 0.00	36.60 1.19 0.00	42.22 1.36 0.00	52.79 1.81 0.00	145.65 5.07 0.00	73.02 2.24 0.00	37.78 1.10 0.00	40.42 1.11 0.00	36.82 1.02 0.00	33.30 0.92 0.00	28.88 0.80 0.00	27.93 0.81 0.00	29.40 0.88 0.00	34.32 1.06 0.00	38.30 1.19 0.00	49.14 1.50 0.00	74.65 2.13 0.00	73.25 2.26 0.00	61.19 1.97 0.00	44.83 1.49 0.00	31.08 1.09 0.00
NEWTON__FALLS_HYD 23847	38.44 -0.10 0.00	36.73 -0.16 0.00	35.43 -0.16 0.00	33.51 -0.17 0.00	35.17 -0.23 0.00	40.67 -0.18 0.00	50.94 -0.05 0.00	141.08 0.50 0.00	71.08 0.30 0.00	36.55 -0.13 0.00	38.84 -0.48 0.00	35.29 -0.51 0.00	32.01 -0.37 0.00	27.57 -0.52 0.00	26.62 -0.50 0.00	28.17 -0.35 0.00	33.13 -0.13 0.00	37.36 0.25 0.00	48.79 1.15 0.00	74.74 2.23 0.00	72.87 1.87 0.00	60.52 1.30 0.00	43.76 0.42 0.00	29.82 -0.18 0.00
NGRID_A1_DSASP 323792	33.68 -3.97 0.89	32.49 -3.81 0.58	31.83 -3.76 0.01	30.24 -3.43 0.01	31.35 -3.46 0.59	37.10 -3.76 0.00	45.46 -5.48 0.04	114.64 -15.35 10.59	53.98 -7.17 9.62	33.20 -3.49 0.00	35.86 -3.46 0.00	32.66 -3.14 0.00	29.64 -2.75 0.00	25.70 -2.38 0.00	24.82 -2.30 0.00	26.00 -2.51 0.00	30.09 -3.17 0.00	33.21 -3.90 0.00	42.33 -5.31 0.00	64.62 -7.89 0.00	62.63 -8.37 0.00	52.00 -7.22 0.00	38.20 -5.14 0.00	26.61 -3.39 0.00
NGRID_A2_DSASP 323793	33.68 -3.97 0.89	32.49 -3.81 0.58	31.83 -3.76 0.01	30.24 -3.43 0.01	31.35 -3.46 0.59	37.10 -3.76 0.00	45.46 -5.48 0.04	114.64 -15.35 10.59	53.98 -7.17 9.62	33.20 -3.49 0.00	35.86 -3.46 0.00	32.66 -3.14 0.00	29.64 -2.75 0.00	25.70 -2.38 0.00	24.82 -2.30 0.00	26.00 -2.51 0.00	30.09 -3.17 0.00	33.21 -3.90 0.00	42.33 -5.31 0.00	64.62 -7.89 0.00	62.63 -8.37 0.00	52.00 -7.22 0.00	38.20 -5.14 0.00	26.61 -3.39 0.00
NGRID_A4_DSASP 323807	33.68 -3.97 0.89	32.49 -3.81 0.58	31.83 -3.76 0.01	30.24 -3.43 0.01	31.35 -3.46 0.59	37.10 -3.76 0.00	45.46 -5.48 0.04	114.64 -15.35 10.59	53.98 -7.17 9.62	33.20 -3.49 0.00	35.86 -3.46 0.00	32.66 -3.14 0.00	29.64 -2.75 0.00	25.70 -2.38 0.00	24.82 -2.30 0.00	26.00 -2.51 0.00	30.09 -3.17 0.00	33.21 -3.90 0.00	42.33 -5.31 0.00	64.62 -7.89 0.00	62.63 -8.37 0.00	52.00 -7.22 0.00	38.20 -5.14 0.00	26.61 -3.39 0.00
NIAGARA_115E_LBMP 323715	33.59 -4.06 0.88	32.40 -3.90 0.58	31.78 -3.81 0.01	30.20 -3.46 0.01	31.33 -3.49 0.59	37.16 -3.70 0.00	45.50 -5.44 0.04	114.50 -15.52 10.55	53.90 -7.29 9.59	33.22 -3.46 0.00	35.81 -3.50 0.00	32.57 -3.24 0.00	29.57 -2.82 0.00	25.65 -2.43 0.00	24.77 -2.36 0.00	25.90 -2.61 0.00	29.98 -3.28 0.00	33.06 -4.04 0.00	42.20 -5.44 0.00	64.58 -7.94 0.00	62.60 -8.40 0.00	52.13 -7.09 0.00	38.33 -5.01 0.00	26.67 -3.33 0.00
NIAGARA_115W_LBMP 323714	33.60 -4.04 0.89	32.42 -3.88 0.59	31.76 -3.83 0.01	30.18 -3.49 0.01	31.29 -3.53 0.59	37.01 -3.85 0.00	45.36 -5.58 0.04	114.31 -15.63 10.64	53.80 -7.31 9.67	33.13 -3.55 0.00	35.78 -3.53 0.00	32.59 -3.21 0.00	29.58 -2.80 0.00	25.65 -2.43 0.00	24.78 -2.35 0.00	25.95 -2.56 0.00	30.03 -3.23 0.00	33.15 -3.96 0.00	42.24 -5.40 0.00	64.48 -8.03 0.00	62.50 -8.50 0.00	51.89 -7.32 0.00	38.11 -5.23 0.00	26.55 -3.44 0.00
NIAGARA_230_LBMP 323716	33.98 -3.63 0.93	32.78 -3.50 0.61	32.15 -3.44 0.01	30.55 -3.12 0.01	31.64 -3.15 0.62	37.47 -3.39 0.00	45.96 -4.98 0.05	115.59 -13.94 11.04	54.27 -6.48 10.02	33.52 -3.17 0.00	36.16 -3.16 0.00	32.92 -2.88 0.00	29.86 -2.52 0.00	25.89 -2.19 0.00	25.02 -2.11 0.00	26.20 -2.31 0.00	30.32 -2.93 0.00	33.48 -3.62 0.00	42.70 -4.94 0.00	65.22 -7.29 0.00	63.27 -7.73 0.00	52.59 -6.62 0.00	38.64 -4.70 0.00	26.89 -3.10 0.00
NIAGARA__115KV_198_GIBSON 55903	33.58 -4.06 0.89	32.40 -3.89 0.59	31.76 -3.83 0.01	30.18 -3.49 0.01	31.28 -3.53 0.59	37.02 -3.84 0.00	45.37 -5.56 0.04	114.25 -15.69 10.64	53.77 -7.34 9.67	33.13 -3.55 0.00	35.78 -3.53 0.00	32.59 -3.21 0.00	29.58 -2.81 0.00	25.64 -2.44 0.00	24.75 -2.37 0.00	25.94 -2.57 0.00	30.00 -3.26 0.00	33.17 -3.94 0.00	42.24 -5.40 0.00	64.48 -8.03 0.00	62.50 -8.50 0.00	51.89 -7.32 0.00	38.10 -5.23 0.00	26.55 -3.44 0.00
NIAGARA____ 23760	34.02 -3.63 0.89	32.80 -3.50 0.59	32.15 -3.44 0.01	30.55 -3.12 0.01	31.67 -3.15 0.59	37.47 -3.39 0.00	45.96 -4.98 0.04	115.80 -13.94 10.84	54.46 -6.48 9.83	33.52 -3.17 0.00	36.16 -3.16 0.00	32.92 -2.88 0.00	29.86 -2.52 0.00	25.89 -2.19 0.00	25.02 -2.11 0.00	26.20 -2.31 0.00	30.32 -2.93 0.00	33.48 -3.62 0.00	42.70 -4.94 0.00	65.22 -7.29 0.00	63.27 -7.73 0.00	52.59 -6.62 0.00	38.64 -4.70 0.00	26.89 -3.10 0.00
NINE_MILE_1 23575	36.80 -1.73 0.00	35.24 -1.65 0.00	34.02 -1.58 0.00	32.20 -1.47 0.00	33.87 -1.53 0.00	39.06 -1.80 0.00	48.62 -2.36 0.00	134.32 -6.25 0.00	67.56 -3.21 0.00	35.00 -1.68 0.00	37.63 -1.68 0.00	34.30 -1.50 0.00	31.04 -1.35 0.00	26.89 -1.19 0.00	25.94 -1.19 0.00	27.20 -1.31 0.00	31.67 -1.59 0.00	35.33 -1.78 0.00	45.38 -2.26 0.00	69.15 -3.36 0.00	67.63 -3.37 0.00	56.36 -2.86 0.00	41.25 -2.08 0.00	28.63 -1.37 0.00
NINE_MILE_2 23744	36.80 -1.73 0.00	35.24 -1.65 0.00	34.02 -1.57 0.00	32.20 -1.47 0.00	33.88 -1.53 0.00	39.06 -1.80 0.00	48.63 -2.35 0.00	134.32 -6.25 0.00	67.56 -3.21 0.00	35.00 -1.68 0.00	37.63 -1.68 0.00	34.31 -1.49 0.00	31.04 -1.35 0.00	26.89 -1.19 0.00	25.94 -1.18 0.00	27.20 -1.31 0.00	31.68 -1.58 0.00	35.33 -1.78 0.00	45.38 -2.26 0.00	69.15 -3.36 0.00	67.64 -3.36 0.00	56.36 -2.86 0.00	41.25 -2.08 0.00	28.64 -1.36 0.00
NM_CAPITAL__DRP 24208	39.79 1.26 0.00	38.10 1.22 0.00	36.75 1.16 0.00	34.76 1.08 0.00	36.52 1.12 0.00	42.11 1.25 0.00	52.65 1.66 0.00	145.16 4.59 0.00	72.80 2.02 0.00	37.70 1.02 0.00	40.35 1.03 0.00	36.76 0.96 0.00	33.25 0.86 0.00	28.85 0.76 0.00	27.90 0.77 0.00	29.35 0.84 0.00	34.25 1.00 0.00	38.20 1.09 0.00	48.99 1.35 0.00	74.36 1.85 0.00	73.02 2.02 0.00	61.02 1.80 0.00	44.73 1.39 0.00	31.04 1.05 0.00

NM_CENTRAL___DRP 24181	37.31 -1.22 0.00	35.70 -1.19 0.00	34.46 -1.13 0.00	32.62 -1.05 0.00	34.34 -1.06 0.00	39.67 -1.19 0.00	49.47 -1.51 0.00	136.83 -3.74 0.00	68.79 -1.99 0.00	35.54 -1.14 0.00	38.14 -1.17 0.00	34.76 -1.04 0.00	31.44 -0.94 0.00	27.24 -0.85 0.00	26.28 -0.85 0.00	27.56 -0.95 0.00	32.09 -1.16 0.00	35.85 -1.26 0.00	46.11 -1.53 0.00	70.33 -2.18 0.00	68.75 -2.25 0.00	57.25 -1.96 0.00	41.88 -1.46 0.00	29.04 -0.96 0.00
NM_FRONTIER___DRP 24179	33.58 -4.06 0.89	32.40 -3.89 0.59	31.76 -3.83 0.01	30.18 -3.49 0.01	31.28 -3.53 0.59	37.02 -3.84 0.00	45.37 -5.56 0.04	114.25 -15.69 10.64	53.77 -7.34 9.67	33.13 -3.55 0.00	35.78 -3.53 0.00	32.59 -3.21 0.00	29.58 -2.81 0.00	25.64 -2.44 0.00	24.75 -2.37 0.00	25.94 -2.57 0.00	30.00 -3.26 0.00	33.17 -3.94 0.00	42.24 -5.40 0.00	64.48 -8.03 0.00	62.50 -8.50 0.00	51.89 -7.32 0.00	38.10 -5.23 0.00	26.55 -3.44 0.00
NM_ST_REGIS___HYD 24053	39.71 1.17 0.00	38.01 1.13 0.00	36.68 1.09 0.00	34.66 0.99 0.00	36.33 0.93 0.00	41.91 1.05 0.00	52.07 1.08 0.00	143.21 2.63 0.00	72.50 1.73 0.00	37.52 0.83 0.00	40.09 0.77 0.00	36.33 0.53 0.00	32.87 0.49 0.00	28.36 0.27 0.00	27.41 0.28 0.00	28.88 0.36 0.00	34.00 0.74 0.00	38.11 1.01 0.00	49.34 1.70 0.00	75.22 2.71 0.00	73.44 2.44 0.00	61.12 1.91 0.00	44.46 1.12 0.00	30.48 0.49 0.00
NORTHPORT___1 23551	40.48 1.94 0.00	38.82 1.94 0.00	37.35 1.76 0.00	35.33 1.66 0.00	36.68 1.27 0.00	42.00 1.14 0.00	52.04 1.06 0.00	143.09 2.51 0.00	72.17 1.40 0.00	38.00 1.32 0.00	40.77 1.46 0.00	36.96 1.16 0.00	33.35 0.96 0.00	29.07 0.98 0.00	28.14 1.01 0.00	29.83 1.32 0.00	34.86 1.60 0.00	38.62 1.51 0.00	49.08 1.44 0.00	73.88 1.37 0.00	72.84 1.84 0.00	61.53 2.32 0.00	45.46 2.12 0.00	31.62 1.63 0.00
NORTHPORT___2 23552	40.48 1.94 0.00	38.82 1.94 0.00	37.35 1.76 0.00	35.33 1.66 0.00	36.68 1.27 0.00	42.00 1.14 0.00	52.04 1.06 0.00	143.09 2.51 0.00	72.17 1.40 0.00	38.00 1.32 0.00	40.77 1.46 0.00	36.96 1.16 0.00	33.35 0.96 0.00	29.07 0.98 0.00	28.14 1.01 0.00	29.83 1.32 0.00	34.86 1.60 0.00	38.62 1.51 0.00	49.08 1.44 0.00	73.88 1.37 0.00	72.84 1.84 0.00	61.53 2.32 0.00	45.46 2.12 0.00	31.62 1.63 0.00
NORTHPORT___3 23553	40.38 1.84 0.00	38.71 1.83 0.00	37.27 1.68 0.00	35.20 1.53 0.00	36.58 1.17 0.00	41.90 1.04 0.00	51.92 0.94 0.00	142.94 2.36 0.00	72.08 1.31 0.00	37.94 1.26 0.00	40.77 1.46 0.00	36.96 1.16 0.00	33.34 0.95 0.00	29.04 0.95 0.00	28.11 0.98 0.00	29.78 1.27 0.00	34.78 1.52 0.00	38.51 1.40 0.00	48.94 1.30 0.00	73.78 1.27 0.00	72.63 1.63 0.00	61.37 2.15 0.00	45.37 2.03 0.00	31.55 1.55 0.00
NORTHPORT___4 23650	40.38 1.84 0.00	38.71 1.83 0.00	37.27 1.68 0.00	35.20 1.53 0.00	36.58 1.17 0.00	41.90 1.04 0.00	51.92 0.94 0.00	142.94 2.36 0.00	72.08 1.31 0.00	37.94 1.26 0.00	40.77 1.46 0.00	36.96 1.16 0.00	33.34 0.95 0.00	29.04 0.95 0.00	28.11 0.98 0.00	29.78 1.27 0.00	34.78 1.52 0.00	38.51 1.40 0.00	48.94 1.30 0.00	73.78 1.27 0.00	72.63 1.63 0.00	61.37 2.15 0.00	45.37 2.03 0.00	31.55 1.55 0.00
NORTHPORT___IC 23718	40.48 1.94 0.00	38.82 1.94 0.00	37.36 1.76 0.00	35.33 1.66 0.00	36.68 1.27 0.00	42.00 1.14 0.00	52.03 1.05 0.00	143.15 2.57 0.00	72.19 1.41 0.00	38.00 1.31 0.00	40.77 1.45 0.00	36.96 1.16 0.00	33.36 0.97 0.00	29.07 0.99 0.00	28.14 1.02 0.00	29.83 1.31 0.00	34.87 1.62 0.00	38.62 1.52 0.00	49.08 1.44 0.00	73.88 1.37 0.00	72.84 1.84 0.00	61.53 2.32 0.00	45.46 2.12 0.00	31.62 1.63 0.00
NORTH___COUNTRY_ESR 323785	39.66 1.12 0.00	38.00 1.11 0.00	36.65 1.05 0.00	34.60 0.93 0.00	36.40 1.00 0.00	41.98 1.12 0.00	52.21 1.23 0.00	143.45 2.88 0.00	72.65 1.88 0.00	37.65 0.97 0.00	40.37 1.06 0.00	36.56 0.77 0.00	33.09 0.71 0.00	28.54 0.45 0.00	27.57 0.44 0.00	29.08 0.57 0.00	34.22 0.96 0.00	38.33 1.23 0.00	49.32 1.68 0.00	75.06 2.55 0.00	73.42 2.42 0.00	61.20 1.99 0.00	44.61 1.27 0.00	30.54 0.54 0.00
NPX_GEN_1385_PROXY 323591	40.24 1.71 0.00	38.82 1.93 0.00	37.25 1.66 0.00	35.55 1.88 0.00	36.54 1.14 0.00	41.70 0.84 0.00	51.46 0.48 0.00	141.17 0.60 0.00	71.72 0.94 0.00	37.92 1.24 0.00	40.28 0.96 0.00	36.61 0.81 0.00	33.12 0.74 0.00	28.98 0.89 0.00	28.24 1.11 0.00	29.93 1.41 0.00	34.84 1.59 0.00	38.23 1.12 0.00	48.42 0.77 0.00	72.44 -0.08 0.00	71.97 0.97 0.00	61.20 1.99 0.00	45.19 1.85 0.00	31.43 1.43 0.00
NPX_GEN_CSC 323557	40.97 2.44 0.00	39.31 2.43 0.00	37.90 2.30 0.00	35.76 2.08 0.00	37.02 1.62 0.00	41.99 1.13 0.00	51.48 0.50 0.00	140.78 0.20 0.00	70.78 0.01 0.00	37.61 0.93 0.00	40.76 1.44 0.00	36.89 1.10 0.00	33.21 0.83 0.00	28.92 0.84 0.00	27.82 0.70 0.00	29.57 1.05 0.00	34.92 1.66 0.00	38.81 1.70 0.00	49.41 1.77 0.00	73.32 0.81 0.00	72.48 1.49 0.00	61.67 2.45 0.00	45.67 2.33 0.00	32.01 2.01 0.00
NSINS_S___GLNS_FALLS 23858	41.03 2.50 0.00	39.28 2.40 0.00	37.76 2.16 0.00	35.62 1.95 0.00	37.23 1.83 0.00	42.93 2.07 0.00	53.59 2.61 0.00	147.52 6.95 0.00	73.60 2.82 0.00	37.75 1.07 0.00	40.16 0.84 0.00	36.59 0.79 0.00	32.96 0.57 0.00	28.58 0.49 0.00	27.72 0.59 0.00	29.20 0.68 0.00	34.30 1.04 0.00	38.45 1.34 0.00	49.64 2.00 0.00	75.49 2.97 0.00	74.23 3.24 0.00	61.84 2.63 0.00	45.25 1.91 0.00	31.44 1.44 0.00
NUCOR_STEEL___DRP 24197	37.82 -0.71 0.00	36.17 -0.71 0.00	34.79 -0.80 0.00	32.93 -0.74 0.00	34.80 -0.60 0.00	40.27 -0.59 0.00	50.29 -0.69 0.00	139.16 -1.42 0.00	69.84 -0.94 0.00	35.81 -0.87 0.00	38.30 -1.01 0.00	34.85 -0.95 0.00	31.48 -0.90 0.00	27.36 -0.72 0.00	26.43 -0.70 0.00	27.71 -0.80 0.00	32.30 -0.95 0.00	36.20 -0.91 0.00	46.68 -0.95 0.00	71.40 -1.11 0.00	69.74 -1.26 0.00	57.86 -1.35 0.00	42.31 -1.03 0.00	29.39 -0.61 0.00
NUMBER_THREE_WT_PWR 323818	37.65 -0.88 0.00	35.93 -0.95 0.00	34.62 -0.97 0.00	32.77 -0.91 0.00	34.48 -0.93 0.00	40.01 -0.85 0.00	50.59 -0.40 0.00	141.26 0.68 0.00	70.94 0.16 0.00	36.33 -0.36 0.00	38.45 -0.87 0.00	35.03 -0.77 0.00	31.83 -0.55 0.00	27.34 -0.75 0.00	26.42 -0.71 0.00	28.08 -0.43 0.00	33.04 -0.22 0.00	37.43 0.32 0.00	49.11 1.47 0.00	75.47 2.95 0.00	73.53 2.53 0.00	60.90 1.69 0.00	43.77 0.43 0.00	29.59 -0.40 0.00
NYISO_LBMP_REFERENCE 24008	38.53 0.00 0.00	36.89 0.00 0.00	35.60 0.00 0.00	33.67 0.00 0.00	35.40 0.00 0.00	40.86 0.00 0.00	50.98 0.00 0.00	140.57 0.00 0.00	70.78 0.00 0.00	36.69 0.00 0.00	39.31 0.00 0.00	35.80 0.00 0.00	32.38 0.00 0.00	28.08 0.00 0.00	27.12 0.00 0.00	28.51 0.00 0.00	33.26 0.00 0.00	37.11 0.00 0.00	47.64 0.00 0.00	72.51 0.00 0.00	71.00 0.00 0.00	59.22 0.00 0.00	43.34 0.00 0.00	30.00 0.00 0.00

NYPA_BRENTWD____GT 24164	40.88 2.35 0.00	39.18 2.30 0.00	37.72 2.13 0.00	35.64 1.97 0.00	37.04 1.63 0.00	42.41 1.56 0.00	52.62 1.64 0.00	144.49 3.92 0.00	72.88 2.10 0.00	38.32 1.64 0.00	41.11 1.80 0.00	37.23 1.43 0.00	33.56 1.18 0.00	29.23 1.14 0.00	28.26 1.13 0.00	29.99 1.48 0.00	35.14 1.88 0.00	39.03 1.92 0.00	49.73 2.09 0.00	74.86 2.34 0.00	73.74 2.74 0.00	62.26 3.04 0.00	45.96 2.62 0.00	31.96 1.97 0.00
NYPA_GOWANUS____GT5 24156	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NYPA_GOWANUS____GT6 24157	59.01 1.78 -18.70	58.69 1.72 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.35 2.27 -8.10	147.63 7.05 0.00	88.08 3.44 -13.86	64.27 2.16 -25.43	59.97 2.23 -18.43	59.02 1.99 -21.24	58.92 1.74 -24.79	71.79 1.64 -42.07	58.89 1.67 -30.10	58.94 1.90 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.85 -17.47	60.23 2.26 -14.62	59.75 1.58 -28.18
NYPA_HARLEM__RVR__GT1 24160	39.88 1.35 0.00	38.19 1.31 0.00	36.74 1.14 0.00	34.75 1.07 0.00	36.45 1.04 0.00	42.07 1.21 0.00	52.62 1.64 0.00	145.86 5.28 0.00	73.33 2.55 0.00	38.38 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.73 1.34 -0.01	29.40 1.31 -0.01	28.44 1.32 0.00	30.06 1.55 -0.01	34.88 1.63 0.01	38.68 1.58 0.01	49.20 1.57 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.38 2.16 0.00	45.12 1.79 0.00	31.20 1.21 0.00
NYPA_HARLEM__RVR__GT2 24161	39.88 1.35 0.00	38.19 1.31 0.00	36.74 1.14 0.00	34.75 1.07 0.00	36.45 1.04 0.00	42.07 1.21 0.00	52.62 1.64 0.00	145.86 5.28 0.00	73.33 2.55 0.00	38.38 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.73 1.34 -0.01	29.40 1.31 -0.01	28.44 1.32 0.00	30.06 1.55 -0.01	34.88 1.63 0.01	38.68 1.58 0.01	49.20 1.57 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.38 2.16 0.00	45.12 1.79 0.00	31.20 1.21 0.00
NYPA_KENT____GT 24152	51.44 1.65 -11.25	50.64 1.61 -12.14	49.83 1.43 -12.80	49.04 1.37 -14.00	49.72 1.36 -12.95	52.20 1.56 -9.78	58.04 2.12 -4.95	147.24 6.66 0.00	82.44 3.20 -8.46	54.24 2.03 -15.53	52.66 2.10 -11.25	50.63 1.85 -12.97	49.50 1.64 -15.48	55.95 1.55 -26.31	47.54 1.58 -18.83	48.17 1.81 -17.84	53.09 1.99 -17.84	54.28 1.99 -15.18	59.75 2.09 -10.02	78.23 2.96 -2.77	83.27 2.92 -9.35	71.48 2.63 -9.63	54.37 2.10 -8.93	48.67 1.47 -17.21
NYPA_POUCH1____GT 24155	58.95 1.71 -18.70	58.63 1.67 -20.08	58.02 1.45 -20.97	58.01 1.42 -22.93	58.02 1.40 -21.21	58.51 1.64 -16.02	61.23 2.15 -8.10	147.19 6.61 0.00	87.87 3.23 -13.86	64.19 2.07 -25.43	59.90 2.16 -18.43	58.95 1.92 -21.24	58.85 1.67 -24.79	71.73 1.58 -42.07	58.83 1.60 -30.10	58.85 1.81 -28.53	63.87 2.02 -28.59	63.80 2.02 -24.67	66.17 2.12 -16.41	79.96 2.92 -4.53	89.25 2.94 -15.31	79.42 2.74 -17.47	60.17 2.21 -14.62	59.71 1.54 -28.18
NYPA_VERNON____GT2 24162	43.86 1.52 -3.81	42.59 1.50 -4.21	41.57 1.33 -4.64	40.01 1.26 -5.07	41.34 1.25 -4.69	45.82 1.42 -3.54	54.71 1.94 -1.79	146.80 6.23 0.00	76.82 2.97 -3.07	44.21 1.90 -5.63	45.35 1.96 -4.08	42.24 1.73 -4.71	40.09 1.53 -6.17	40.10 1.46 -10.56	36.17 1.48 -7.56	37.39 1.72 -7.16	42.21 1.87 -7.09	44.65 1.86 -5.69	53.20 1.93 -3.63	76.27 2.75 -1.00	77.09 2.70 -3.39	64.95 2.42 -3.31	48.52 1.95 -3.23	37.60 1.37 -6.23
NYPA_VERNON____GT3 24163	43.86 1.52 -3.81	42.59 1.50 -4.21	41.57 1.33 -4.64	40.01 1.26 -5.07	41.34 1.25 -4.69	45.82 1.42 -3.54	54.71 1.94 -1.79	146.80 6.23 0.00	76.82 2.97 -3.07	44.21 1.90 -5.63	45.35 1.96 -4.08	42.24 1.73 -4.71	40.09 1.53 -6.17	40.10 1.46 -10.56	36.17 1.48 -7.56	37.39 1.72 -7.16	42.21 1.87 -7.09	44.65 1.86 -5.69	53.20 1.93 -3.63	76.27 2.75 -1.00	77.09 2.70 -3.39	64.95 2.42 -3.31	48.52 1.95 -3.23	37.60 1.37 -6.23
NYPA__ASTORIA_CC1 323568	40.00 1.47 0.00	38.35 1.46 0.00	36.89 1.30 0.00	34.91 1.23 0.00	36.62 1.22 0.00	42.21 1.35 0.00	52.84 1.86 0.00	146.57 5.99 0.00	73.63 2.85 0.00	38.53 1.85 0.00	41.23 1.91 0.00	37.50 1.69 -0.01	35.09 1.50 -1.21	31.70 1.42 -2.20	30.16 1.46 -1.58	31.69 1.69 -1.49	36.42 1.83 -1.33	39.33 1.80 -0.41	49.49 1.84 0.00	75.15 2.63 0.00	73.59 2.59 0.00	61.54 2.33 0.00	45.23 1.89 0.00	31.33 1.34 0.00
NYPA__ASTORIA_CC2 323569	40.00 1.47 0.00	38.35 1.46 0.00	36.89 1.30 0.00	34.91 1.23 0.00	36.62 1.22 0.00	42.21 1.35 0.00	52.84 1.86 0.00	146.57 5.99 0.00	73.63 2.85 0.00	38.53 1.85 0.00	41.23 1.91 0.00	37.50 1.69 -0.01	35.09 1.50 -1.21	31.70 1.42 -2.20	30.16 1.46 -1.58	31.69 1.69 -1.49	36.42 1.83 -1.33	39.33 1.80 -0.41	49.49 1.84 0.00	75.15 2.63 0.00	73.59 2.59 0.00	61.54 2.33 0.00	45.23 1.89 0.00	31.33 1.34 0.00
NYPA__HOLTSVILL 23794	40.73 2.19 0.00	39.04 2.16 0.00	37.61 2.02 0.00	35.52 1.84 0.00	36.83 1.43 0.00	42.05 1.19 0.00	51.98 0.99 0.00	142.72 2.15 0.00	71.87 1.09 0.00	37.89 1.21 0.00	40.77 1.45 0.00	36.92 1.12 0.00	33.27 0.89 0.00	28.98 0.90 0.00	28.00 0.88 0.00	29.72 1.21 0.00	34.88 1.62 0.00	38.74 1.63 0.00	49.30 1.66 0.00	73.96 1.45 0.00	72.87 1.87 0.00	61.66 2.45 0.00	45.63 2.29 0.00	31.84 1.85 0.00
NYPA__HELLGATE_GT1 24158	39.88 1.35 0.00	38.19 1.31 0.00	36.74 1.14 0.00	34.75 1.07 0.00	36.45 1.04 0.00	42.07 1.21 0.00	52.63 1.65 0.00	146.06 5.49 0.00	73.42 2.64 0.00	38.38 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.73 1.34 -0.01	29.40 1.31 -0.01	28.44 1.32 0.00	30.06 1.55 -0.01	34.88 1.63 0.01	38.68 1.58 0.01	49.20 1.57 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.38 2.16 0.00	45.12 1.79 0.00	31.20 1.21 0.00
NYPA__HELLGATE_GT2 24159	39.88 1.35 0.00	38.19 1.31 0.00	36.74 1.14 0.00	34.75 1.07 0.00	36.45 1.04 0.00	42.07 1.21 0.00	52.63 1.65 0.00	146.06 5.49 0.00	73.42 2.64 0.00	38.38 1.70 0.00	41.05 1.73 0.00	37.35 1.54 -0.01	33.73 1.34 -0.01	29.40 1.31 -0.01	28.44 1.32 0.00	30.06 1.55 -0.01	34.88 1.63 0.01	38.68 1.58 0.01	49.20 1.57 0.00	74.86 2.34 0.00	73.35 2.35 0.00	61.38 2.16 0.00	45.12 1.79 0.00	31.20 1.21 0.00
NYS_BARGE__HYD 23848	34.04 -3.55 0.94	32.84 -3.42 0.62	32.24 -3.35 0.01	30.63 -3.04 0.01	31.74 -3.04 0.63	37.70 -3.16 0.00	46.29 -4.65 0.05	116.23 -13.09 11.26	54.49 -6.05 10.23	33.73 -2.95 0.00	36.30 -3.01 0.00	32.99 -2.81 0.00	29.97 -2.42 0.00	25.95 -2.13 0.00	25.06 -2.07 0.00	26.21 -2.30 0.00	30.34 -2.92 0.00	33.54 -3.57 0.00	42.94 -4.70 0.00	65.80 -6.71 0.00	63.80 -7.20 0.00	53.07 -6.14 0.00	38.96 -4.37 0.00	27.07 -2.93 0.00

OAK ORCHARD___HYD 24046	36.42 -2.11 0.00	34.82 -2.07 0.00	33.55 -2.04 0.00	31.83 -1.84 0.00	33.57 -1.84 0.00	38.92 -1.94 0.00	48.28 -2.70 0.00	133.52 -7.06 0.00	67.42 -3.35 0.00	34.80 -1.88 0.00	37.37 -1.95 0.00	34.00 -1.80 0.00	30.78 -1.61 0.00	26.68 -1.41 0.00	25.75 -1.37 0.00	26.99 -1.52 0.00	31.35 -1.91 0.00	34.87 -2.24 0.00	44.81 -2.83 0.00	68.54 -3.98 0.00	66.71 -4.29 0.00	55.46 -3.76 0.00	40.61 -2.73 0.00	28.17 -1.82 0.00
OAKDALE___35_KV_LOAD 356122	37.72 -0.81 0.00	36.06 -0.83 0.00	34.82 -0.77 0.00	33.01 -0.67 0.00	34.73 -0.67 0.00	40.23 -0.63 0.00	50.16 -0.82 0.00	138.78 -1.80 0.00	69.71 -1.07 0.00	36.11 -0.57 0.00	38.73 -0.59 0.00	35.20 -0.60 0.00	31.81 -0.57 0.00	27.59 -0.50 0.00	26.67 -0.46 0.00	28.01 -0.50 0.00	32.62 -0.63 0.00	36.37 -0.73 0.00	46.70 -0.94 0.00	71.35 -1.17 0.00	69.72 -1.29 0.00	58.02 -1.20 0.00	42.49 -0.84 0.00	29.35 -0.64 0.00
OCC_CHEM___DRP 24175	33.66 -3.99 0.89	32.47 -3.83 0.58	31.83 -3.76 0.01	30.24 -3.43 0.01	31.35 -3.46 0.59	37.10 -3.76 0.00	45.48 -5.46 0.04	114.58 -15.41 10.59	53.95 -7.21 9.62	33.20 -3.49 0.00	35.86 -3.45 0.00	32.66 -3.14 0.00	29.64 -2.75 0.00	25.69 -2.40 0.00	24.80 -2.33 0.00	25.99 -2.52 0.00	30.06 -3.20 0.00	33.22 -3.88 0.00	42.33 -5.31 0.00	64.62 -7.89 0.00	62.63 -8.37 0.00	52.00 -7.22 0.00	38.19 -5.15 0.00	26.61 -3.39 0.00
OH_GEN_PROXY 24063	34.17 -3.54 0.82	32.92 -3.42 0.54	32.22 -3.37 0.01	30.62 -3.05 0.01	31.78 -3.08 0.55	37.55 -3.31 0.00	46.12 -4.82 0.04	117.39 -13.41 9.78	55.64 -6.26 8.88	33.61 -3.08 0.00	36.26 -3.06 0.00	33.01 -2.79 0.00	29.94 -2.45 0.00	25.96 -2.12 0.00	25.08 -2.04 0.00	26.27 -2.24 0.00	30.42 -2.84 0.00	33.59 -3.52 0.00	42.83 -4.81 0.00	65.45 -7.06 0.00	63.48 -7.52 0.00	52.78 -6.44 0.00	38.77 -4.57 0.00	26.97 -3.02 0.00
OLIN_CORP_DRP 24177	33.69 -3.98 0.87	32.49 -3.82 0.57	31.86 -3.73 0.01	30.28 -3.39 0.01	31.41 -3.42 0.58	37.25 -3.61 0.00	45.61 -5.33 0.04	114.97 -15.27 10.34	54.23 -7.15 9.40	33.29 -3.39 0.00	35.89 -3.42 0.00	32.65 -3.15 0.00	29.63 -2.75 0.00	25.69 -2.39 0.00	24.80 -2.33 0.00	25.96 -2.55 0.00	30.03 -3.23 0.00	33.17 -3.94 0.00	42.32 -5.32 0.00	64.72 -7.80 0.00	62.75 -8.25 0.00	52.24 -6.97 0.00	38.40 -4.94 0.00	26.73 -3.27 0.00
OLIN_CORP_DSASP 323712	33.68 -3.97 0.89	32.49 -3.81 0.58	31.83 -3.76 0.01	30.24 -3.43 0.01	31.35 -3.46 0.59	37.10 -3.76 0.00	45.46 -5.48 0.04	114.64 -15.35 10.59	53.98 -7.17 9.62	33.20 -3.49 0.00	35.86 -3.46 0.00	32.66 -3.14 0.00	29.64 -2.75 0.00	25.70 -2.38 0.00	24.82 -2.30 0.00	26.00 -2.51 0.00	30.09 -3.17 0.00	33.21 -3.90 0.00	42.33 -5.31 0.00	64.62 -7.89 0.00	62.63 -8.37 0.00	52.00 -7.22 0.00	38.20 -5.14 0.00	26.61 -3.39 0.00
ONEIDA_HERK_LFGE 323681	38.66 0.12 0.00	36.91 0.02 0.00	35.59 -0.01 0.00	33.67 0.00 0.00	35.43 0.02 0.00	41.06 0.20 0.00	51.66 0.68 0.00	143.43 2.85 0.00	71.96 1.19 0.00	36.94 0.26 0.00	39.33 0.02 0.00	35.80 0.01 0.00	32.41 0.02 0.00	27.98 -0.10 0.00	27.05 -0.08 0.00	28.56 0.05 0.00	33.50 0.24 0.00	37.72 0.61 0.00	48.99 1.35 0.00	74.96 2.45 0.00	73.24 2.24 0.00	60.85 1.64 0.00	44.16 0.82 0.00	30.23 0.24 0.00
ONEIDA___115KV_TB4 55905	38.89 0.35 0.00	37.14 0.25 0.00	35.83 0.23 0.00	33.90 0.23 0.00	35.71 0.31 0.00	41.43 0.57 0.00	52.00 1.02 0.00	144.17 3.59 0.00	72.31 1.54 0.00	37.04 0.35 0.00	39.50 0.19 0.00	35.93 0.13 0.00	32.45 0.07 0.00	28.09 0.01 0.00	27.14 0.02 0.00	28.56 0.05 0.00	33.41 0.15 0.00	37.52 0.41 0.00	48.59 0.95 0.00	74.36 1.85 0.00	72.70 1.70 0.00	60.47 1.25 0.00	44.08 0.74 0.00	30.37 0.38 0.00
ONONDAGA_REF_OCCRA 23987	37.60 -0.93 0.00	35.96 -0.92 0.00	34.71 -0.88 0.00	32.86 -0.82 0.00	34.59 -0.81 0.00	39.97 -0.89 0.00	49.89 -1.09 0.00	137.97 -2.60 0.00	69.35 -1.43 0.00	35.79 -0.90 0.00	38.37 -0.94 0.00	34.95 -0.86 0.00	31.60 -0.78 0.00	27.38 -0.71 0.00	26.41 -0.71 0.00	27.71 -0.80 0.00	32.29 -0.96 0.00	36.09 -1.02 0.00	46.46 -1.18 0.00	70.93 -1.59 0.00	69.33 -1.67 0.00	57.73 -1.49 0.00	42.22 -1.12 0.00	29.25 -0.75 0.00
ONONDAGA___COGEN 23986	37.57 -0.96 0.00	35.95 -0.94 0.00	34.68 -0.91 0.00	32.83 -0.84 0.00	34.58 -0.82 0.00	39.96 -0.90 0.00	49.85 -1.13 0.00	137.83 -2.74 0.00	69.25 -1.53 0.00	35.72 -0.96 0.00	38.31 -1.00 0.00	34.91 -0.89 0.00	31.57 -0.82 0.00	27.36 -0.73 0.00	26.39 -0.74 0.00	27.69 -0.82 0.00	32.27 -0.99 0.00	36.08 -1.02 0.00	46.43 -1.22 0.00	70.85 -1.67 0.00	69.24 -1.76 0.00	57.65 -1.57 0.00	42.16 -1.18 0.00	29.22 -0.77 0.00
ONTARIO___LFGE 23819	37.74 -1.36 -0.57	35.91 -1.35 -0.38	34.29 -1.31 0.00	32.51 -1.17 0.00	34.66 -1.12 -0.38	39.84 -1.02 0.00	49.71 -1.30 -0.03	144.09 -3.22 -6.73	75.15 -1.73 -6.10	35.65 -1.04 0.00	38.08 -1.24 0.00	34.50 -1.30 0.00	31.17 -1.22 0.00	26.99 -1.09 0.00	26.06 -1.06 0.00	27.33 -1.18 0.00	31.82 -1.44 0.00	35.69 -1.42 0.00	46.19 -1.45 0.00	70.69 -1.82 0.00	68.88 -2.12 0.00	57.31 -1.91 0.00	41.95 -1.39 0.00	28.93 -1.06 0.00
ORANGEVILLE_WT_PWR 323706	27.87 -4.38 6.29	28.63 -4.11 4.15	31.62 -3.94 0.04	30.03 -3.60 0.04	27.59 -3.62 4.20	37.26 -3.60 0.00	46.06 -4.62 0.31	54.45 -11.70 74.42	-2.18 -5.51 67.44	33.88 -2.80 0.00	36.38 -2.94 0.00	33.05 -2.75 0.00	29.89 -2.49 0.00	25.81 -2.27 0.00	24.94 -2.19 0.00	26.05 -2.46 0.00	30.19 -3.07 0.00	33.67 -3.44 0.00	43.81 -3.83 0.00	67.81 -4.71 0.00	65.68 -5.32 0.00	54.33 -4.89 0.00	39.60 -3.74 0.00	27.14 -2.85 0.00
ORANGEVILLE___ESR 323794	27.87 -4.38 6.29	28.63 -4.11 4.15	31.62 -3.94 0.04	30.03 -3.60 0.04	27.59 -3.62 4.20	37.26 -3.60 0.00	46.06 -4.62 0.31	54.45 -11.70 74.42	-2.18 -5.51 67.44	33.88 -2.80 0.00	36.38 -2.94 0.00	33.05 -2.75 0.00	29.89 -2.49 0.00	25.81 -2.27 0.00	24.94 -2.19 0.00	26.05 -2.46 0.00	30.19 -3.07 0.00	33.67 -3.44 0.00	43.81 -3.83 0.00	67.81 -4.71 0.00	65.68 -5.32 0.00	54.33 -4.89 0.00	39.60 -3.74 0.00	27.14 -2.85 0.00
OSWEGATCHIE___HYD 24044	38.44 -0.10 0.00	36.73 -0.16 0.00	35.43 -0.16 0.00	33.51 -0.17 0.00	35.17 -0.23 0.00	40.67 -0.18 0.00	50.94 -0.04 0.00	141.08 0.50 0.00	71.08 0.30 0.00	36.55 -0.13 0.00	38.84 -0.48 0.00	35.28 -0.51 0.00	32.01 -0.37 0.00	27.57 -0.52 0.00	26.62 -0.50 0.00	28.17 -0.35 0.00	33.13 -0.12 0.00	37.36 0.25 0.00	48.79 1.15 0.00	74.74 2.23 0.00	72.87 1.87 0.00	60.52 1.30 0.00	43.76 0.42 0.00	29.82 -0.18 0.00
OSWEGO___5 23606	37.05 -1.48 0.00	35.46 -1.42 0.00	34.24 -1.36 0.00	32.41 -1.27 0.00	34.10 -1.31 0.00	39.34 -1.52 0.00	49.01 -1.97 0.00	135.39 -5.18 0.00	68.11 -2.67 0.00	35.25 -1.43 0.00	37.87 -1.45 0.00	34.51 -1.29 0.00	31.22 -1.17 0.00	27.05 -1.03 0.00	26.10 -1.03 0.00	27.37 -1.14 0.00	31.88 -1.38 0.00	35.58 -1.53 0.00	45.71 -1.92 0.00	69.71 -2.80 0.00	68.15 -2.85 0.00	56.78 -2.44 0.00	41.56 -1.78 0.00	28.83 -1.17 0.00

OSWEGO___6 23613	37.05 -1.48 0.00	35.46 -1.42 0.00	34.24 -1.36 0.00	32.41 -1.27 0.00	34.10 -1.31 0.00	39.34 -1.52 0.00	49.01 -1.97 0.00	135.39 -5.18 0.00	68.11 -2.67 0.00	35.25 -1.43 0.00	37.87 -1.45 0.00	34.51 -1.29 0.00	31.22 -1.17 0.00	27.05 -1.03 0.00	26.10 -1.03 0.00	27.37 -1.14 0.00	31.88 -1.38 0.00	35.58 -1.53 0.00	45.71 -1.92 0.00	69.71 -2.80 0.00	68.15 -2.85 0.00	56.78 -2.44 0.00	41.56 -1.78 0.00	28.83 -1.17 0.00
OUTOKUMPU-AB___DRP 24206	34.53 -3.17 0.84	33.25 -3.08 0.55	32.57 -3.02 0.01	30.95 -2.71 0.01	32.13 -2.71 0.56	38.07 -2.79 0.00	46.78 -4.17 0.04	118.85 -11.67 10.06	56.29 -5.34 9.15	34.15 -2.54 0.00	36.80 -2.51 0.00	33.46 -2.34 0.00	30.34 -2.04 0.00	26.30 -1.79 0.00	25.38 -1.75 0.00	26.59 -1.92 0.00	30.77 -2.49 0.00	34.07 -3.04 0.00	43.54 -4.10 0.00	66.59 -5.92 0.00	64.55 -6.45 0.00	53.60 -5.62 0.00	39.32 -4.02 0.00	27.33 -2.66 0.00
OXBOW___BTM 323836	34.05 -3.62 0.86	32.82 -3.50 0.57	32.14 -3.45 0.01	30.54 -3.13 0.01	31.69 -3.14 0.58	37.52 -3.34 0.00	46.05 -4.89 0.04	116.61 -13.65 10.32	55.07 -6.32 9.38	33.63 -3.06 0.00	36.28 -3.03 0.00	33.02 -2.78 0.00	29.95 -2.44 0.00	25.97 -2.11 0.00	25.08 -2.05 0.00	26.26 -2.25 0.00	30.41 -2.85 0.00	33.59 -3.51 0.00	42.88 -4.76 0.00	65.54 -6.98 0.00	63.51 -7.49 0.00	52.74 -6.48 0.00	38.71 -4.63 0.00	26.93 -3.07 0.00
OXBOW____ 24026	34.04 -3.63 0.86	32.81 -3.51 0.57	32.14 -3.45 0.01	30.54 -3.13 0.01	31.68 -3.15 0.58	37.52 -3.34 0.00	46.05 -4.88 0.04	116.53 -13.72 10.32	55.04 -6.35 9.38	33.63 -3.05 0.00	36.29 -3.03 0.00	33.02 -2.78 0.00	29.95 -2.44 0.00	25.96 -2.13 0.00	25.05 -2.07 0.00	26.26 -2.25 0.00	30.38 -2.88 0.00	33.61 -3.50 0.00	42.88 -4.76 0.00	65.53 -6.98 0.00	63.51 -7.49 0.00	52.74 -6.48 0.00	38.70 -4.64 0.00	26.93 -3.07 0.00
OXY_CHEM_DSASP 323612	33.66 -3.99 0.89	32.47 -3.83 0.58	31.83 -3.76 0.01	30.24 -3.43 0.01	31.35 -3.46 0.59	37.10 -3.76 0.00	45.48 -5.46 0.04	114.58 -15.41 10.59	53.95 -7.21 9.62	33.20 -3.49 0.00	35.86 -3.45 0.00	32.66 -3.14 0.00	29.64 -2.75 0.00	25.69 -2.40 0.00	24.80 -2.33 0.00	25.99 -2.52 0.00	30.06 -3.20 0.00	33.22 -3.88 0.00	42.33 -5.31 0.00	64.62 -7.89 0.00	62.63 -8.37 0.00	52.00 -7.22 0.00	38.19 -5.15 0.00	26.61 -3.39 0.00
OZONE_PARK_ESR 323760	40.21 1.68 0.00	38.49 1.61 0.00	37.04 1.45 0.00	35.03 1.36 0.00	36.75 1.35 0.00	42.48 1.62 0.00	53.20 2.22 0.00	147.72 7.14 0.00	74.14 3.37 0.00	38.72 2.03 0.00	41.40 2.09 0.00	37.61 1.82 0.00	33.99 1.60 0.00	29.60 1.52 0.00	28.67 1.55 0.00	30.31 1.80 0.00	35.22 1.96 0.00	39.08 1.97 0.00	49.80 2.16 0.00	75.72 3.21 0.00	74.13 3.13 0.00	61.95 2.74 0.00	45.49 2.15 0.00	31.47 1.48 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	33.66 -3.99 0.89	32.47 -3.83 0.58	31.83 -3.76 0.01	30.24 -3.43 0.01	31.35 -3.46 0.59	37.10 -3.76 0.00	45.48 -5.46 0.04	114.58 -15.41 10.59	53.95 -7.21 9.62	33.20 -3.49 0.00	35.86 -3.45 0.00	32.66 -3.14 0.00	29.64 -2.75 0.00	25.69 -2.40 0.00	24.80 -2.33 0.00	25.99 -2.52 0.00	30.06 -3.20 0.00	33.22 -3.88 0.00	42.33 -5.31 0.00	64.62 -7.89 0.00	62.63 -8.37 0.00	52.00 -7.22 0.00	38.19 -5.15 0.00	26.61 -3.39 0.00
PACKARD__115KV_DUPONT_184 80571	33.66 -3.99 0.89	32.47 -3.83 0.58	31.83 -3.76 0.01	30.24 -3.43 0.01	31.35 -3.46 0.59	37.10 -3.76 0.00	45.48 -5.46 0.04	114.58 -15.41 10.59	53.95 -7.21 9.62	33.20 -3.49 0.00	35.86 -3.45 0.00	32.66 -3.14 0.00	29.64 -2.75 0.00	25.69 -2.40 0.00	24.80 -2.33 0.00	25.99 -2.52 0.00	30.06 -3.20 0.00	33.22 -3.88 0.00	42.33 -5.31 0.00	64.62 -7.89 0.00	62.63 -8.37 0.00	52.00 -7.22 0.00	38.19 -5.15 0.00	26.61 -3.39 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	39.92 1.38 0.00	38.23 1.34 0.00	36.78 1.18 0.00	34.79 1.12 0.00	36.49 1.09 0.00	42.12 1.26 0.00	52.72 1.74 0.00	146.19 5.61 0.00	73.43 2.66 0.00	38.37 1.68 0.00	41.02 1.71 0.00	37.30 1.50 -0.01	33.69 1.30 -0.01	29.35 1.26 -0.01	28.40 1.27 0.00	30.03 1.51 -0.01	34.88 1.63 0.01	38.67 1.56 0.00	49.22 1.58 0.00	74.85 2.34 0.00	73.35 2.35 0.00	61.36 2.14 0.00	45.09 1.75 0.00	31.18 1.19 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	40.07 1.54 0.00	38.35 1.47 0.00	36.92 1.33 0.00	34.94 1.27 0.00	36.68 1.28 0.00	42.42 1.56 0.00	53.10 2.12 0.00	146.99 6.41 0.00	73.81 3.03 0.00	38.47 1.78 0.00	41.21 1.90 0.00	37.42 1.62 -0.01	33.70 1.31 -0.01	29.36 1.27 -0.01	28.40 1.28 0.00	30.03 1.51 -0.01	34.88 1.63 0.01	38.67 1.56 0.00	49.22 1.58 0.00	74.88 2.37 0.00	73.45 2.45 0.00	61.44 2.23 0.00	45.11 1.77 0.00	31.19 1.19 0.00
PATROON__115KV_TB1 80586	39.91 1.38 0.00	38.21 1.33 0.00	36.86 1.26 0.00	34.86 1.19 0.00	36.65 1.24 0.00	42.27 1.41 0.00	52.85 1.87 0.00	145.85 5.27 0.00	73.11 2.33 0.00	37.84 1.16 0.00	40.48 1.17 0.00	36.87 1.07 0.00	33.35 0.97 0.00	28.93 0.84 0.00	27.98 0.85 0.00	29.44 0.93 0.00	34.37 1.12 0.00	38.35 1.24 0.00	49.22 1.58 0.00	74.76 2.25 0.00	73.34 2.34 0.00	61.26 2.05 0.00	44.89 1.55 0.00	31.13 1.14 0.00
PATTRSNVILLE__SOLAR 323815	39.73 1.19 0.00	38.01 1.13 0.00	36.66 1.06 0.00	34.66 0.99 0.00	36.41 1.01 0.00	42.02 1.16 0.00	52.60 1.62 0.00	145.26 4.69 0.00	72.54 1.76 0.00	37.16 0.48 0.00	39.59 0.27 0.00	36.03 0.23 0.00	32.62 0.23 0.00	28.29 0.20 0.00	27.31 0.18 0.00	28.71 0.20 0.00	33.57 0.32 0.00	37.74 0.64 0.00	48.97 1.33 0.00	74.72 2.21 0.00	73.24 2.25 0.00	61.07 1.86 0.00	44.67 1.34 0.00	30.90 0.90 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	35.69 -2.23 0.61	34.27 -2.21 0.40	33.48 -2.11 0.00	31.83 -1.84 0.00	33.17 -1.83 0.41	39.11 -1.75 0.00	48.25 -2.70 0.03	125.50 -7.75 7.33	60.60 -3.51 6.67	35.16 -1.52 0.00	37.89 -1.42 0.00	34.39 -1.41 0.00	31.12 -1.26 0.00	26.97 -1.12 0.00	26.07 -1.06 0.00	27.33 -1.19 0.00	31.64 -1.62 0.00	35.06 -2.05 0.00	44.78 -2.86 0.00	68.57 -3.94 0.00	66.55 -4.45 0.00	55.29 -3.93 0.00	40.58 -2.76 0.00	28.12 -1.88 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	40.15 1.62 0.00	38.43 1.55 0.00	37.05 1.45 0.00	35.03 1.36 0.00	36.76 1.35 0.00	42.47 1.61 0.00	53.22 2.24 0.00	147.44 6.86 0.00	73.94 3.16 0.00	38.41 1.73 0.00	41.03 1.72 0.00	37.26 1.46 0.00	33.67 1.29 0.00	29.31 1.22 0.00	28.37 1.25 0.00	29.93 1.41 0.00	34.86 1.60 0.00	38.80 1.70 0.00	49.62 1.98 0.00	75.48 2.97 0.00	73.97 2.97 0.00	61.75 2.54 0.00	45.28 1.94 0.00	31.32 1.33 0.00
PEEKSKILL____ 23653	39.60 1.07 0.00	37.90 1.02 0.00	36.53 0.93 0.00	34.53 0.85 0.00	36.21 0.81 0.00	41.83 0.97 0.00	52.37 1.39 0.00	144.99 4.42 0.00	72.80 2.02 0.00	37.89 1.21 0.00	40.50 1.19 0.00	36.79 0.99 0.00	33.27 0.89 0.00	28.97 0.89 0.00	28.05 0.92 0.00	29.61 1.09 0.00	34.47 1.21 0.00	38.33 1.23 0.00	48.92 1.28 0.00	74.36 1.85 0.00	72.93 1.94 0.00	60.93 1.72 0.00	44.70 1.36 0.00	30.93 0.93 0.00

PGE MADISON___WINDPWR 24146	39.82 1.08 -0.21	38.02 1.00 -0.14	36.56 0.96 0.00	34.39 0.71 0.00	36.17 0.63 -0.14	41.43 0.57 0.00	52.47 1.47 -0.01	149.28 6.23 -2.47	75.73 2.71 -2.24	38.06 1.38 0.00	40.24 0.93 0.00	36.45 0.66 0.00	32.80 0.42 0.00	28.36 0.27 0.00	27.33 0.21 0.00	28.89 0.38 0.00	34.06 0.80 0.00	38.70 1.59 0.00	50.66 3.02 0.00	77.95 5.43 0.00	75.84 4.84 0.00	62.61 3.40 0.00	45.38 2.04 0.00	30.94 0.94 0.00
PIERCEFIELD___HYD 23852	39.49 0.95 0.00	37.80 0.92 0.00	36.49 0.90 0.00	34.49 0.82 0.00	36.11 0.71 0.00	41.65 0.79 0.00	51.71 0.73 0.00	142.28 1.71 0.00	71.97 1.19 0.00	37.22 0.54 0.00	39.77 0.46 0.00	36.08 0.28 0.00	32.67 0.28 0.00	28.21 0.13 0.00	27.25 0.12 0.00	28.72 0.21 0.00	33.77 0.51 0.00	37.85 0.74 0.00	49.03 1.39 0.00	74.78 2.26 0.00	72.96 1.96 0.00	60.73 1.51 0.00	44.15 0.81 0.00	30.32 0.32 0.00
PINELAWN_CC_1 323563	40.61 2.08 0.00	38.90 2.01 0.00	37.46 1.87 0.00	35.38 1.71 0.00	36.82 1.42 0.00	42.27 1.41 0.00	52.53 1.55 0.00	144.72 4.15 0.00	72.89 2.12 0.00	37.99 1.31 0.00	40.64 1.32 0.00	36.68 0.88 0.00	32.98 0.60 0.00	28.73 0.65 0.00	27.79 0.67 0.00	29.47 0.96 0.00	34.49 1.23 0.00	38.33 1.22 0.00	48.87 1.23 0.00	73.79 1.28 0.00	73.02 2.02 0.00	62.00 2.78 0.00	45.71 2.37 0.00	31.74 1.75 0.00
PJM_GEN_HTP_PROXY 323702	39.83 1.29 0.00	38.15 1.27 0.00	36.72 1.13 0.00	34.73 1.05 0.00	36.44 1.03 0.00	42.09 1.23 0.00	52.67 1.70 0.00	146.13 5.56 0.00	73.35 2.57 0.00	38.33 1.64 0.00	41.00 1.69 0.00	37.24 1.45 0.00	33.66 1.27 0.00	29.32 1.23 0.00	28.40 1.28 0.00	30.03 1.52 0.00	34.89 1.63 0.00	38.71 1.60 0.00	49.32 1.68 0.00	74.92 2.40 0.00	73.35 2.35 0.00	61.32 2.10 0.00	45.04 1.70 0.00	31.18 1.19 0.00
PJM_GEN_KEystone 24065	37.74 -0.79 0.00	36.08 -0.81 0.00	34.80 -0.79 0.00	32.98 -0.69 0.00	34.64 -0.76 0.00	40.14 -0.72 0.00	50.01 -0.97 0.00	138.32 -2.26 0.00	69.57 -1.21 0.00	36.23 -0.46 0.00	38.86 -0.45 0.00	35.27 -0.53 0.00	31.89 -0.50 0.00	27.73 -0.35 0.00	26.85 -0.28 0.00	28.27 -0.25 0.00	32.83 -0.43 0.00	36.42 -0.69 0.00	46.47 -1.17 0.00	70.88 -1.63 0.00	69.28 -1.72 0.00	57.75 -1.47 0.00	42.40 -0.93 0.00	29.31 -0.68 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.18 1.64 0.00	38.49 1.61 0.00	37.06 1.46 0.00	35.01 1.34 0.00	36.51 1.11 0.00	41.96 1.11 0.00	52.23 1.25 0.00	144.03 3.45 0.00	72.51 1.74 0.00	38.01 1.33 0.00	40.75 1.43 0.00	36.96 1.16 0.00	33.37 0.98 0.00	29.06 0.97 0.00	28.12 1.00 0.00	29.77 1.26 0.00	34.76 1.50 0.00	38.58 1.47 0.00	49.13 1.49 0.00	74.27 1.76 0.00	73.02 2.02 0.00	61.42 2.20 0.00	45.23 1.89 0.00	31.40 1.41 0.00
PJM_GEN_VFT_PROXY 323633	39.63 1.09 0.00	37.94 1.05 0.00	36.53 0.93 0.00	34.53 0.85 0.00	36.23 0.82 0.00	41.85 0.99 0.00	52.40 1.42 0.00	145.33 4.75 0.00	72.92 2.14 0.00	38.12 1.44 0.00	40.75 1.43 0.00	37.01 1.21 0.00	33.48 1.09 0.00	29.18 1.09 0.00	28.27 1.14 0.00	29.88 1.37 0.00	34.68 1.43 0.00	38.50 1.39 0.00	49.03 1.39 0.00	74.47 1.96 0.00	72.91 1.91 0.00	60.96 1.74 0.00	44.81 1.48 0.00	31.03 1.04 0.00
PLATSBURG_115KV_PMLD1 355749	40.65 2.11 0.00	39.00 2.11 0.00	37.67 2.07 0.00	35.52 1.85 0.00	37.34 1.93 0.00	43.03 2.17 0.00	53.49 2.51 0.00	146.70 6.12 0.00	74.29 3.51 0.00	38.41 1.72 0.00	41.27 1.96 0.00	37.25 1.45 0.00	33.64 1.26 0.00	29.01 0.93 0.00	28.05 0.92 0.00	29.62 1.11 0.00	34.93 1.68 0.00	39.23 2.13 0.00	50.53 2.89 0.00	76.99 4.47 0.00	75.57 4.57 0.00	62.96 3.74 0.00	45.90 2.56 0.00	31.24 1.25 0.00
PLEASANTVLY___LBMP 24000	39.61 1.08 0.00	37.92 1.04 0.00	36.58 0.98 0.00	34.58 0.90 0.00	36.26 0.85 0.00	41.86 1.00 0.00	52.38 1.39 0.00	144.95 4.37 0.00	72.73 1.95 0.00	37.81 1.13 0.00	40.46 1.14 0.00	36.79 0.99 0.00	33.30 0.92 0.00	28.98 0.89 0.00	28.06 0.93 0.00	29.58 1.06 0.00	34.43 1.18 0.00	38.27 1.17 0.00	48.90 1.26 0.00	74.31 1.80 0.00	72.86 1.86 0.00	60.88 1.67 0.00	44.66 1.33 0.00	30.95 0.95 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.81 1.28 0.00	38.12 1.24 0.00	36.73 1.13 0.00	34.73 1.05 0.00	36.43 1.03 0.00	42.05 1.19 0.00	52.64 1.66 0.00	145.84 5.26 0.00	73.20 2.43 0.00	38.13 1.44 0.00	40.77 1.46 0.00	37.06 1.26 0.00	33.53 1.15 0.00	29.19 1.11 0.00	28.27 1.14 0.00	29.82 1.31 0.00	34.69 1.43 0.00	38.56 1.46 0.00	49.23 1.59 0.00	74.78 2.26 0.00	73.29 2.29 0.00	61.25 2.04 0.00	44.96 1.62 0.00	31.12 1.13 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.81 1.28 0.00	38.12 1.24 0.00	36.73 1.13 0.00	34.73 1.05 0.00	36.43 1.03 0.00	42.05 1.19 0.00	52.64 1.66 0.00	145.84 5.26 0.00	73.20 2.43 0.00	38.13 1.44 0.00	40.77 1.46 0.00	37.06 1.26 0.00	33.53 1.15 0.00	29.19 1.11 0.00	28.27 1.14 0.00	29.82 1.31 0.00	34.69 1.43 0.00	38.56 1.46 0.00	49.23 1.59 0.00	74.78 2.26 0.00	73.29 2.29 0.00	61.25 2.04 0.00	44.96 1.62 0.00	31.12 1.13 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.95 1.42 0.00	38.24 1.35 0.00	36.88 1.29 0.00	34.87 1.20 0.00	36.58 1.18 0.00	42.26 1.40 0.00	52.92 1.93 0.00	146.59 6.01 0.00	73.49 2.72 0.00	38.12 1.44 0.00	40.70 1.39 0.00	37.00 1.20 0.00	33.47 1.08 0.00	29.11 1.02 0.00	28.16 1.04 0.00	29.70 1.19 0.00	34.61 1.36 0.00	38.54 1.43 0.00	49.33 1.69 0.00	75.07 2.56 0.00	73.57 2.57 0.00	61.44 2.22 0.00	45.04 1.70 0.00	31.18 1.19 0.00
POLETTI___ 23519	39.90 1.36 0.00	38.20 1.32 0.00	36.76 1.17 0.00	34.77 1.10 0.00	36.48 1.07 0.00	42.14 1.28 0.00	52.74 1.76 0.00	146.30 5.72 0.00	73.43 2.66 0.00	38.38 1.70 0.00	41.04 1.73 0.00	37.29 1.49 0.00	33.72 1.34 0.00	29.38 1.29 0.00	28.45 1.33 0.00	30.08 1.57 0.00	34.95 1.69 0.00	38.77 1.66 0.00	49.38 1.73 0.00	75.01 2.50 0.00	73.45 2.45 0.00	61.40 2.18 0.00	45.09 1.75 0.00	31.22 1.23 0.00
POMONA___ESR 323819	39.58 1.05 0.00	37.88 0.99 0.00	36.50 0.91 0.00	34.50 0.82 0.00	36.19 0.78 0.00	41.81 0.95 0.00	52.36 1.38 0.00	144.92 4.35 0.00	72.77 1.99 0.00	37.88 1.20 0.00	40.49 1.17 0.00	36.78 0.98 0.00	33.25 0.87 0.00	28.96 0.88 0.00	28.04 0.91 0.00	29.60 1.08 0.00	34.47 1.21 0.00	38.35 1.24 0.00	48.92 1.28 0.00	74.36 1.84 0.00	72.94 1.94 0.00	60.92 1.70 0.00	44.69 1.35 0.00	30.90 0.90 0.00
PORT_JEFF_3 23555	40.85 2.31 0.00	39.16 2.28 0.00	37.72 2.13 0.00	35.61 1.94 0.00	36.95 1.54 0.00	42.19 1.33 0.00	52.16 1.18 0.00	143.29 2.72 0.00	72.14 1.36 0.00	38.01 1.32 0.00	40.89 1.58 0.00	37.02 1.22 0.00	33.37 0.98 0.00	29.05 0.96 0.00	28.07 0.94 0.00	29.79 1.28 0.00	34.98 1.72 0.00	38.87 1.77 0.00	49.51 1.87 0.00	74.27 1.76 0.00	73.18 2.18 0.00	61.92 2.70 0.00	45.79 2.45 0.00	31.93 1.94 0.00

PORT_JEFF_4 23616	40.85 2.31 0.00	39.16 2.28 0.00	37.72 2.13 0.00	35.61 1.94 0.00	36.95 1.54 0.00	42.19 1.33 0.00	52.16 1.18 0.00	143.29 2.72 0.00	72.14 1.36 0.00	38.01 1.32 0.00	40.89 1.58 0.00	37.02 1.22 0.00	33.37 0.98 0.00	29.05 0.96 0.00	28.07 0.94 0.00	29.79 1.28 0.00	34.98 1.72 0.00	38.87 1.77 0.00	49.51 1.87 0.00	74.27 1.76 0.00	73.18 2.18 0.00	61.92 2.70 0.00	45.79 2.45 0.00	31.93 1.94 0.00
PORT_JEFF_IC 23713	40.87 2.34 0.00	39.17 2.29 0.00	37.73 2.13 0.00	35.62 1.94 0.00	36.95 1.54 0.00	42.19 1.33 0.00	52.14 1.16 0.00	143.27 2.70 0.00	72.10 1.33 0.00	38.00 1.32 0.00	40.90 1.58 0.00	37.02 1.22 0.00	33.37 0.98 0.00	29.05 0.97 0.00	28.07 0.94 0.00	29.79 1.28 0.00	35.00 1.74 0.00	38.89 1.78 0.00	49.54 1.90 0.00	74.29 1.78 0.00	73.21 2.20 0.00	61.94 2.73 0.00	45.81 2.47 0.00	31.93 1.94 0.00
PPL_PILGRIM_ST_GT1 24216	40.88 2.35 0.00	39.18 2.30 0.00	37.72 2.13 0.00	35.64 1.97 0.00	37.04 1.63 0.00	42.41 1.56 0.00	52.62 1.64 0.00	144.49 3.92 0.00	72.88 2.10 0.00	38.32 1.64 0.00	41.11 1.80 0.00	37.23 1.43 0.00	33.56 1.18 0.00	29.23 1.14 0.00	28.26 1.13 0.00	29.99 1.48 0.00	35.14 1.88 0.00	39.03 1.92 0.00	49.73 2.09 0.00	74.86 2.34 0.00	73.74 2.74 0.00	62.26 3.04 0.00	45.96 2.62 0.00	31.96 1.97 0.00
PPL_PILGRIM_ST_GT2 24217	40.88 2.35 0.00	39.18 2.30 0.00	37.72 2.13 0.00	35.64 1.97 0.00	37.04 1.63 0.00	42.41 1.56 0.00	52.62 1.64 0.00	144.49 3.92 0.00	72.88 2.10 0.00	38.32 1.64 0.00	41.11 1.80 0.00	37.23 1.43 0.00	33.56 1.18 0.00	29.23 1.14 0.00	28.26 1.13 0.00	29.99 1.48 0.00	35.14 1.88 0.00	39.03 1.92 0.00	49.73 2.09 0.00	74.86 2.34 0.00	73.74 2.74 0.00	62.26 3.04 0.00	45.96 2.62 0.00	31.96 1.97 0.00
PPL_SHRM_GT3 24213	41.00 2.47 0.00	39.34 2.45 0.00	37.93 2.33 0.00	35.78 2.10 0.00	37.05 1.65 0.00	42.02 1.16 0.00	51.53 0.55 0.00	140.93 0.35 0.00	70.93 0.15 0.00	37.63 0.95 0.00	40.75 1.43 0.00	36.89 1.09 0.00	33.20 0.82 0.00	28.92 0.83 0.00	27.83 0.70 0.00	29.57 1.05 0.00	34.90 1.64 0.00	38.81 1.70 0.00	49.40 1.76 0.00	73.37 0.86 0.00	72.51 1.52 0.00	61.68 2.46 0.00	45.70 2.35 0.00	32.02 2.03 0.00
PPL_SHRM_GT4 24214	41.00 2.47 0.00	39.34 2.45 0.00	37.93 2.33 0.00	35.78 2.10 0.00	37.05 1.65 0.00	42.02 1.16 0.00	51.53 0.55 0.00	140.93 0.35 0.00	70.93 0.15 0.00	37.63 0.95 0.00	40.75 1.43 0.00	36.89 1.09 0.00	33.20 0.82 0.00	28.92 0.83 0.00	27.83 0.70 0.00	29.57 1.05 0.00	34.90 1.64 0.00	38.81 1.70 0.00	49.40 1.76 0.00	73.37 0.86 0.00	72.51 1.52 0.00	61.68 2.46 0.00	45.70 2.35 0.00	32.02 2.03 0.00
PROJECT___ORANGE 1 24174	37.33 -1.21 0.00	35.71 -1.18 0.00	34.47 -1.12 0.00	32.63 -1.04 0.00	34.35 -1.05 0.00	39.68 -1.19 0.00	49.48 -1.51 0.00	136.83 -3.74 0.00	68.81 -1.97 0.00	35.54 -1.14 0.00	38.17 -1.15 0.00	34.78 -1.02 0.00	31.45 -0.93 0.00	27.25 -0.84 0.00	26.28 -0.84 0.00	27.58 -0.93 0.00	32.11 -1.15 0.00	35.86 -1.25 0.00	46.12 -1.52 0.00	70.34 -2.17 0.00	68.75 -2.25 0.00	57.26 -1.96 0.00	41.88 -1.45 0.00	29.04 -0.95 0.00
PROJECT___ORANGE 2 24166	37.33 -1.21 0.00	35.71 -1.18 0.00	34.47 -1.12 0.00	32.63 -1.04 0.00	34.35 -1.05 0.00	39.68 -1.19 0.00	49.48 -1.51 0.00	136.83 -3.74 0.00	68.81 -1.97 0.00	35.54 -1.14 0.00	38.17 -1.15 0.00	34.78 -1.02 0.00	31.45 -0.93 0.00	27.25 -0.84 0.00	26.28 -0.84 0.00	27.58 -0.93 0.00	32.11 -1.15 0.00	35.86 -1.25 0.00	46.12 -1.52 0.00	70.34 -2.17 0.00	68.75 -2.25 0.00	57.26 -1.96 0.00	41.88 -1.45 0.00	29.04 -0.95 0.00
PUCKETT___SOLAR 323809	38.05 -0.49 0.00	36.39 -0.50 0.00	35.18 -0.42 0.00	33.30 -0.37 0.00	35.05 -0.35 0.00	40.62 -0.24 0.00	50.83 -0.15 0.00	140.92 0.35 0.00	70.70 -0.07 0.00	36.47 -0.22 0.00	38.85 -0.46 0.00	35.24 -0.56 0.00	31.80 -0.59 0.00	27.54 -0.54 0.00	26.59 -0.54 0.00	27.98 -0.53 0.00	32.73 -0.52 0.00	36.75 -0.36 0.00	47.56 -0.08 0.00	72.86 0.35 0.00	71.12 0.12 0.00	59.00 -0.21 0.00	43.10 -0.24 0.00	29.67 -0.33 0.00
PYRITES___HYD 24023	40.33 1.80 0.00	38.61 1.73 0.00	37.26 1.67 0.00	35.24 1.57 0.00	36.99 1.59 0.00	42.75 1.89 0.00	53.12 2.14 0.00	146.20 5.63 0.00	73.87 3.10 0.00	38.06 1.38 0.00	40.31 1.00 0.00	36.51 0.71 0.00	33.07 0.69 0.00	28.57 0.48 0.00	27.59 0.46 0.00	29.07 0.56 0.00	34.30 1.04 0.00	38.52 1.42 0.00	50.13 2.49 0.00	76.59 4.08 0.00	74.65 3.65 0.00	62.12 2.90 0.00	45.17 1.83 0.00	31.03 1.04 0.00
QUAKERRD_115KV_BK1 80622	35.91 -2.62 0.00	34.35 -2.54 0.00	33.12 -2.48 0.00	31.41 -2.26 0.00	33.12 -2.29 0.00	38.36 -2.50 0.00	47.67 -3.31 0.00	131.72 -8.85 0.00	66.42 -4.35 0.00	34.31 -2.38 0.00	36.81 -2.50 0.00	33.51 -2.29 0.00	30.30 -2.09 0.00	26.27 -1.81 0.00	25.35 -1.78 0.00	26.57 -1.94 0.00	30.88 -2.38 0.00	34.44 -2.66 0.00	44.29 -3.34 0.00	67.66 -4.86 0.00	65.89 -5.12 0.00	54.78 -4.44 0.00	40.09 -3.25 0.00	27.82 -2.17 0.00
QUENSBRY_115KV_TB8 356137	41.11 2.58 0.00	39.37 2.49 0.00	37.84 2.24 0.00	35.70 2.03 0.00	37.31 1.90 0.00	43.00 2.15 0.00	53.85 2.87 0.00	148.48 7.90 0.00	74.00 3.22 0.00	37.93 1.25 0.00	40.35 1.04 0.00	36.77 0.98 0.00	33.13 0.75 0.00	28.65 0.57 0.00	27.72 0.60 0.00	29.21 0.69 0.00	34.32 1.06 0.00	38.46 1.35 0.00	49.66 2.02 0.00	75.52 3.01 0.00	74.30 3.30 0.00	61.89 2.68 0.00	45.29 1.95 0.00	31.47 1.47 0.00
RAMAPO___LBMP 323565	39.42 0.89 0.00	37.72 0.83 0.00	36.35 0.76 0.00	34.36 0.69 0.00	36.03 0.63 0.00	41.64 0.78 0.00	52.14 1.16 0.00	144.36 3.78 0.00	72.47 1.70 0.00	37.72 1.03 0.00	40.29 0.98 0.00	36.60 0.80 0.00	33.09 0.71 0.00	28.82 0.74 0.00	27.91 0.79 0.00	29.45 0.93 0.00	34.29 1.04 0.00	38.14 1.04 0.00	48.68 1.04 0.00	74.01 1.49 0.00	72.60 1.60 0.00	60.66 1.44 0.00	44.49 1.15 0.00	30.76 0.76 0.00
RANKINE____ 23646	35.19 -2.66 0.68	33.80 -2.64 0.45	33.05 -2.54 0.00	31.42 -2.25 0.00	32.72 -2.23 0.45	38.67 -2.19 0.00	47.66 -3.28 0.03	123.11 -9.26 8.21	59.05 -4.22 7.50	34.77 -1.91 0.00	37.50 -1.82 0.00	34.05 -1.75 0.00	30.83 -1.55 0.00	26.72 -1.36 0.00	25.80 -1.32 0.00	27.05 -1.46 0.00	31.33 -1.93 0.00	34.70 -2.41 0.00	44.31 -3.33 0.00	67.76 -4.76 0.00	65.74 -5.26 0.00	54.60 -4.61 0.00	40.03 -3.31 0.00	27.74 -2.25 0.00
RAVENSWOOD_GT2_1 24244	39.92 1.38 0.00	38.23 1.34 0.00	36.79 1.20 0.00	34.80 1.13 0.00	36.51 1.10 0.00	42.16 1.30 0.00	52.76 1.78 0.00	146.36 5.78 0.00	73.49 2.72 0.00	38.39 1.71 0.00	41.07 1.75 0.00	37.32 1.53 0.00	33.74 1.36 0.00	29.39 1.31 0.00	28.47 1.34 0.00	30.09 1.57 0.00	34.96 1.70 0.00	38.79 1.68 0.00	49.39 1.75 0.00	75.04 2.53 0.00	73.49 2.49 0.00	61.43 2.22 0.00	45.12 1.78 0.00	31.23 1.24 0.00



RAVENSWOOD_GT2_2 24245	39.92 1.38 0.00	38.23 1.34 0.00	36.79 1.20 0.00	34.80 1.13 0.00	36.51 1.10 0.00	42.16 1.30 0.00	52.76 1.78 0.00	146.36 5.78 0.00	73.49 2.72 0.00	38.39 1.71 0.00	41.07 1.75 0.00	37.32 1.53 0.00	33.74 1.36 0.00	29.39 1.31 0.00	28.47 1.34 0.00	30.09 1.57 0.00	34.96 1.70 0.00	38.79 1.68 0.00	49.39 1.75 0.00	75.04 2.53 0.00	73.49 2.49 0.00	61.43 2.22 0.00	45.12 1.78 0.00	31.23 1.24 0.00
RAVENSWOOD_GT2_3 24246	39.93 1.40 0.00	38.24 1.35 0.00	36.81 1.21 0.00	34.81 1.14 0.00	36.52 1.12 0.00	42.18 1.32 0.00	52.79 1.81 0.00	146.42 5.84 0.00	73.51 2.74 0.00	38.41 1.73 0.00	41.08 1.77 0.00	37.34 1.54 0.00	33.75 1.37 0.00	29.40 1.32 0.00	28.48 1.35 0.00	30.10 1.58 0.00	34.98 1.72 0.00	38.79 1.68 0.00	49.42 1.78 0.00	75.07 2.56 0.00	73.53 2.53 0.00	61.45 2.23 0.00	45.14 1.80 0.00	31.25 1.26 0.00
RAVENSWOOD_GT2_4 24247	39.93 1.40 0.00	38.24 1.35 0.00	36.81 1.21 0.00	34.81 1.14 0.00	36.52 1.12 0.00	42.18 1.32 0.00	52.79 1.81 0.00	146.42 5.84 0.00	73.51 2.74 0.00	38.41 1.73 0.00	41.08 1.77 0.00	37.34 1.54 0.00	33.75 1.37 0.00	29.40 1.32 0.00	28.48 1.35 0.00	30.10 1.58 0.00	34.98 1.72 0.00	38.79 1.68 0.00	49.42 1.78 0.00	75.07 2.56 0.00	73.53 2.53 0.00	61.45 2.23 0.00	45.14 1.80 0.00	31.25 1.26 0.00
RAVENSWOOD_GT3_1 24248	39.92 1.39 0.00	38.23 1.34 0.00	36.79 1.20 0.00	34.80 1.13 0.00	36.51 1.10 0.00	42.16 1.30 0.00	52.76 1.78 0.00	146.36 5.78 0.00	73.49 2.72 0.00	38.39 1.71 0.00	41.07 1.75 0.00	37.33 1.53 0.00	33.74 1.36 0.00	29.39 1.31 0.00	28.47 1.34 0.00	30.09 1.57 0.00	34.96 1.70 0.00	38.79 1.68 0.00	49.40 1.76 0.00	75.04 2.53 0.00	73.49 2.49 0.00	61.43 2.22 0.00	45.12 1.78 0.00	31.24 1.25 0.00
RAVENSWOOD_GT3_2 24249	39.92 1.39 0.00	38.23 1.34 0.00	36.79 1.20 0.00	34.80 1.13 0.00	36.51 1.10 0.00	42.16 1.30 0.00	52.76 1.78 0.00	146.36 5.78 0.00	73.49 2.72 0.00	38.39 1.71 0.00	41.07 1.75 0.00	37.33 1.53 0.00	33.74 1.36 0.00	29.39 1.31 0.00	28.47 1.34 0.00	30.09 1.57 0.00	34.96 1.70 0.00	38.79 1.68 0.00	49.40 1.76 0.00	75.04 2.53 0.00	73.49 2.49 0.00	61.43 2.22 0.00	45.12 1.78 0.00	31.24 1.25 0.00
RAVENSWOOD_GT3_3 24250	39.97 1.44 0.00	38.28 1.39 0.00	36.83 1.24 0.00	34.84 1.17 0.00	36.55 1.14 0.00	42.22 1.36 0.00	52.84 1.86 0.00	146.58 6.00 0.00	73.59 2.82 0.00	38.46 1.77 0.00	41.13 1.81 0.00	37.38 1.58 0.00	33.79 1.40 0.00	29.44 1.35 0.00	28.51 1.38 0.00	30.13 1.62 0.00	35.01 1.76 0.00	38.84 1.73 0.00	49.47 1.83 0.00	75.16 2.64 0.00	73.60 2.60 0.00	61.51 2.30 0.00	45.18 1.84 0.00	31.28 1.29 0.00
RAVENSWOOD_GT3_4 24251	39.97 1.44 0.00	38.28 1.39 0.00	36.83 1.24 0.00	34.84 1.17 0.00	36.55 1.14 0.00	42.22 1.36 0.00	52.84 1.86 0.00	146.58 6.00 0.00	73.59 2.82 0.00	38.46 1.77 0.00	41.13 1.81 0.00	37.38 1.58 0.00	33.79 1.40 0.00	29.44 1.35 0.00	28.51 1.38 0.00	30.13 1.62 0.00	35.01 1.76 0.00	38.84 1.73 0.00	49.47 1.83 0.00	75.16 2.64 0.00	73.60 2.60 0.00	61.51 2.30 0.00	45.18 1.84 0.00	31.28 1.29 0.00
RAVENSWOOD_GT_1 23729	43.88 1.54 -3.81	42.59 1.50 -4.21	41.56 1.33 -4.64	40.01 1.26 -5.07	41.34 1.25 -4.69	45.83 1.42 -3.54	54.71 1.94 -1.79	146.83 6.26 0.00	76.82 2.98 -3.07	44.21 1.90 -5.63	45.35 1.95 -4.08	42.23 1.73 -4.71	40.09 1.53 -6.17	40.11 1.46 -10.56	36.17 1.49 -7.56	37.39 1.72 -7.16	42.22 1.88 -7.09	44.65 1.85 -5.69	53.20 1.93 -3.63	76.27 2.76 -1.00	77.08 2.70 -3.39	64.95 2.42 -3.31	48.52 1.94 -3.23	37.60 1.37 -6.23
RAVENSWOOD_GT_10 24258	40.35 1.38 -0.44	38.71 1.34 -0.48	37.33 1.20 -0.54	35.38 1.12 -0.58	37.05 1.10 -0.54	42.56 1.30 -0.41	52.97 1.78 -0.21	146.36 5.78 0.00	73.83 2.71 -0.35	39.03 1.70 -0.65	41.53 1.75 -0.47	37.86 1.52 -0.54	34.44 1.34 -0.71	30.60 1.30 -1.22	29.33 1.33 -0.87	30.91 1.57 -0.83	35.77 1.69 -0.82	39.44 1.67 -0.66	49.81 1.75 -0.42	75.16 2.53 -0.11	73.87 2.48 -0.39	61.77 2.20 -0.35	45.49 1.77 -0.37	31.95 1.24 -0.72
RAVENSWOOD_GT_11 24259	40.35 1.38 -0.44	38.71 1.34 -0.48	37.33 1.20 -0.54	35.38 1.12 -0.58	37.05 1.10 -0.54	42.56 1.30 -0.41	52.97 1.78 -0.21	146.36 5.78 0.00	73.83 2.71 -0.35	39.03 1.70 -0.65	41.53 1.75 -0.47	37.86 1.52 -0.54	34.44 1.34 -0.71	30.60 1.30 -1.22	29.33 1.33 -0.87	30.91 1.57 -0.83	35.77 1.69 -0.82	39.44 1.67 -0.66	49.81 1.75 -0.42	75.16 2.53 -0.11	73.87 2.48 -0.39	61.77 2.20 -0.35	45.49 1.77 -0.37	31.95 1.24 -0.72
RAVENSWOOD_GT_4 24252	42.80 1.36 -2.90	41.41 1.32 -3.20	40.30 1.17 -3.53	38.63 1.10 -3.86	40.05 1.07 -3.57	44.84 1.28 -2.70	54.12 1.77 -1.36	146.30 5.72 0.00	75.77 2.66 -2.33	42.64 1.68 -4.28	44.13 1.72 -3.10	40.86 1.49 -3.57	38.41 1.32 -4.70	37.41 1.28 -8.04	34.20 1.32 -5.76	35.51 1.54 -5.45	40.32 1.67 -5.40	43.08 1.64 -4.34	52.14 1.73 -2.77	75.77 2.49 -0.76	76.03 2.45 -2.58	63.91 2.18 -2.52	47.55 1.75 -2.46	35.96 1.22 -4.75
RAVENSWOOD_GT_5 24254	42.80 1.36 -2.90	41.41 1.32 -3.20	40.30 1.17 -3.53	38.63 1.10 -3.86	40.05 1.07 -3.57	44.84 1.28 -2.70	54.12 1.77 -1.36	146.30 5.72 0.00	75.77 2.66 -2.33	42.64 1.68 -4.28	44.13 1.72 -3.10	40.86 1.49 -3.57	38.41 1.32 -4.70	37.41 1.28 -8.04	34.20 1.32 -5.76	35.51 1.54 -5.45	40.32 1.67 -5.40	43.08 1.64 -4.34	52.14 1.73 -2.77	75.77 2.49 -0.76	76.03 2.45 -2.58	63.91 2.18 -2.52	47.55 1.75 -2.46	35.96 1.22 -4.75
RAVENSWOOD_GT_6 24253	42.80 1.36 -2.90	41.41 1.32 -3.20	40.30 1.17 -3.53	38.63 1.10 -3.86	40.05 1.07 -3.57	44.84 1.28 -2.70	54.12 1.77 -1.36	146.30 5.72 0.00	75.77 2.66 -2.33	42.64 1.68 -4.28	44.13 1.72 -3.10	40.86 1.49 -3.57	38.41 1.32 -4.70	37.41 1.28 -8.04	34.20 1.32 -5.76	35.51 1.54 -5.45	40.32 1.67 -5.40	43.08 1.64 -4.34	52.14 1.73 -2.77	75.77 2.49 -0.76	76.03 2.45 -2.58	63.91 2.18 -2.52	47.55 1.75 -2.46	35.96 1.22 -4.75
RAVENSWOOD_GT_7 24255	42.80 1.36 -2.90	41.41 1.32 -3.20	40.30 1.17 -3.53	38.63 1.10 -3.86	40.05 1.07 -3.57	44.84 1.28 -2.70	54.12 1.77 -1.36	146.30 5.72 0.00	75.77 2.66 -2.33	42.64 1.68 -4.28	44.13 1.72 -3.10	40.86 1.49 -3.57	38.41 1.32 -4.70	37.41 1.28 -8.04	34.20 1.32 -5.76	35.51 1.54 -5.45	40.32 1.67 -5.40	43.08 1.64 -4.34	52.14 1.73 -2.77	75.77 2.49 -0.76	76.03 2.45 -2.58	63.91 2.18 -2.52	47.55 1.75 -2.46	35.96 1.22 -4.75
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.35 1.38 -0.44	38.71 1.34 -0.48	37.33 1.20 -0.54	35.38 1.12 -0.58	37.05 1.10 -0.54	42.56 1.30 -0.41	52.97 1.78 -0.21	146.36 5.78 0.00	73.83 2.71 -0.35	39.03 1.70 -0.65	41.53 1.75 -0.47	37.86 1.52 -0.54	34.44 1.34 -0.71	30.60 1.30 -1.22	29.33 1.33 -0.87	30.91 1.57 -0.83	35.77 1.69 -0.82	39.44 1.67 -0.66	49.81 1.75 -0.42	75.16 2.53 -0.11	73.87 2.48 -0.39	61.77 2.20 -0.35	45.49 1.77 -0.37	31.95 1.24 -0.72

RAVENSWOOD_GT_9 24257	40.35 1.38 -0.44	38.71 1.34 -0.48	37.33 1.20 -0.54	35.38 1.12 -0.58	37.05 1.10 -0.54	42.56 1.30 -0.41	52.97 1.78 -0.21	146.36 5.78 0.00	73.83 2.71 -0.35	39.03 1.70 -0.65	41.53 1.75 -0.47	37.86 1.52 -0.54	34.44 1.34 -0.71	30.60 1.30 -1.22	29.33 1.33 -0.87	30.91 1.57 -0.83	35.77 1.69 -0.82	39.44 1.67 -0.66	49.81 1.75 -0.42	75.16 2.53 -0.11	73.87 2.48 -0.39	61.77 2.20 -0.35	45.49 1.77 -0.37	31.95 1.24 -0.72
RAVENSWOOD___1 23533	36.28 1.49 3.75	34.20 1.46 4.14	32.33 1.30 4.56	29.94 1.25 4.99	32.02 1.24 4.62	38.76 1.39 3.49	51.12 1.91 1.76	146.71 6.13 0.00	70.67 2.92 3.02	33.01 1.87 5.54	37.23 1.92 4.01	32.88 1.70 4.62	30.20 1.50 3.68	23.49 1.44 6.03	24.29 1.47 4.31	26.13 1.72 4.10	30.79 1.86 4.33	34.15 1.82 4.78	45.95 1.89 3.58	74.24 2.71 0.99	70.35 2.68 3.34	58.34 2.38 3.26	42.07 1.92 3.19	25.21 1.35 6.14
RAVENSWOOD___2 23534	36.28 1.49 3.75	34.20 1.46 4.14	32.33 1.30 4.56	29.94 1.25 4.99	32.02 1.24 4.62	38.76 1.39 3.49	51.12 1.91 1.76	146.71 6.13 0.00	70.67 2.92 3.02	33.01 1.87 5.54	37.23 1.92 4.01	32.88 1.70 4.62	30.20 1.50 3.68	23.49 1.44 6.03	24.29 1.47 4.31	26.13 1.72 4.10	30.79 1.86 4.33	34.15 1.82 4.78	45.95 1.89 3.58	74.24 2.71 0.99	70.35 2.68 3.34	58.34 2.38 3.26	42.07 1.92 3.19	25.21 1.35 6.14
RAVENSWOOD___3 23535	39.91 1.38 0.00	38.23 1.35 0.00	36.79 1.20 0.00	34.80 1.12 0.00	36.51 1.10 0.00	42.16 1.30 0.00	52.77 1.79 0.00	146.36 5.79 0.00	73.49 2.71 0.00	38.40 1.71 0.00	41.07 1.76 0.00	37.33 1.53 0.00	33.74 1.36 0.00	29.39 1.31 0.00	28.47 1.34 0.00	30.09 1.57 0.00	34.95 1.69 0.00	38.79 1.68 0.00	49.41 1.77 0.00	75.04 2.53 0.00	73.49 2.49 0.00	61.43 2.22 0.00	45.12 1.78 0.00	31.24 1.25 0.00
RAVENSWOOD___4 23820	36.28 1.49 3.75	34.20 1.46 4.14	32.33 1.30 4.56	29.94 1.25 4.99	32.02 1.24 4.62	38.76 1.39 3.49	51.12 1.91 1.76	146.71 6.13 0.00	70.67 2.92 3.02	33.01 1.87 5.54	37.23 1.92 4.01	32.88 1.70 4.62	30.20 1.50 3.68	23.49 1.44 6.03	24.29 1.47 4.31	26.13 1.72 4.10	30.79 1.86 4.33	34.15 1.82 4.78	45.95 1.89 3.58	74.24 2.71 0.99	70.35 2.68 3.34	58.34 2.38 3.26	42.07 1.92 3.19	25.21 1.35 6.14
RCPL_TRUST___DRP 24196	39.86 1.33 0.00	38.18 1.29 0.00	36.73 1.14 0.00	34.74 1.07 0.00	36.47 1.06 0.00	42.12 1.26 0.00	52.71 1.73 0.00	146.24 5.66 0.00	73.42 2.65 0.00	38.36 1.68 0.00	41.04 1.73 0.00	37.29 1.49 0.00	33.70 1.31 0.00	29.36 1.27 0.00	28.44 1.32 0.00	30.06 1.55 0.00	34.93 1.67 0.00	38.75 1.64 0.00	49.36 1.72 0.00	74.97 2.46 0.00	73.40 2.41 0.00	61.36 2.14 0.00	45.06 1.73 0.00	31.20 1.21 0.00
RED___ROCHESTER 323720	36.68 -1.85 0.00	35.07 -1.82 0.00	33.78 -1.82 0.00	32.04 -1.64 0.00	33.80 -1.61 0.00	39.21 -1.65 0.00	48.67 -2.31 0.00	133.03 -6.00 1.54	66.04 -2.85 1.89	35.04 -1.64 0.00	37.60 -1.72 0.00	34.22 -1.58 0.00	30.96 -1.42 0.00	26.84 -1.24 0.00	25.92 -1.20 0.00	27.15 -1.36 0.00	31.56 -1.70 0.00	35.11 -2.00 0.00	45.17 -2.47 0.00	69.07 -3.44 0.00	67.27 -3.72 0.00	55.92 -3.30 0.00	40.91 -2.43 0.00	28.37 -1.62 0.00
REGAN___SOLAR 323812	40.63 2.10 0.00	38.82 1.93 0.00	37.43 1.84 0.00	35.41 1.73 0.00	37.22 1.81 0.00	43.03 2.18 0.00	54.00 3.02 0.00	149.41 8.84 0.00	73.95 3.17 0.00	37.00 0.32 0.00	39.03 -0.29 0.00	35.53 -0.27 0.00	32.08 -0.30 0.00	27.79 -0.30 0.00	26.80 -0.32 0.00	28.20 -0.31 0.00	33.05 -0.21 0.00	37.79 0.69 0.00	50.20 2.56 0.00	77.15 4.64 0.00	75.55 4.55 0.00	62.88 3.66 0.00	45.83 2.49 0.00	31.56 1.57 0.00
RENSSELAER___COGEN 23796	39.75 1.21 0.00	38.06 1.18 0.00	36.72 1.12 0.00	34.73 1.06 0.00	36.51 1.10 0.00	42.10 1.25 0.00	52.64 1.66 0.00	145.22 4.64 0.00	72.81 2.04 0.00	37.67 0.99 0.00	40.30 0.98 0.00	36.71 0.91 0.00	33.21 0.82 0.00	28.80 0.72 0.00	27.85 0.72 0.00	29.30 0.79 0.00	34.19 0.94 0.00	38.16 1.06 0.00	48.99 1.35 0.00	74.46 1.94 0.00	73.05 2.05 0.00	61.01 1.80 0.00	44.71 1.37 0.00	31.01 1.01 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.51 3.98 0.00	40.75 3.86 0.00	39.26 3.67 0.00	37.24 3.57 0.00	39.06 3.66 0.00	45.19 4.34 0.00	56.68 5.70 0.00	155.98 15.40 0.00	77.26 6.49 0.00	39.29 2.60 0.00	41.90 2.59 0.00	38.22 2.41 0.00	34.36 1.97 0.00	29.58 1.50 0.00	28.70 1.58 0.00	30.27 1.75 0.00	35.76 2.50 0.00	39.85 2.74 0.00	51.61 3.97 0.00	78.56 6.04 0.00	77.85 6.86 0.00	64.56 5.34 0.00	47.28 3.94 0.00	32.87 2.88 0.00
REVERE_CPPR_DRP 24186	39.21 0.68 0.00	37.42 0.53 0.00	36.09 0.50 0.00	34.15 0.48 0.00	35.97 0.56 0.00	41.77 0.91 0.00	52.51 1.53 0.00	145.77 5.19 0.00	73.10 2.32 0.00	37.39 0.71 0.00	39.82 0.51 0.00	36.20 0.40 0.00	32.69 0.31 0.00	28.27 0.18 0.00	27.32 0.20 0.00	28.79 0.28 0.00	33.77 0.51 0.00	38.04 0.93 0.00	49.38 1.74 0.00	75.60 3.09 0.00	73.85 2.85 0.00	61.40 2.18 0.00	44.63 1.29 0.00	30.67 0.68 0.00
REYNOLDS_115KV_TB3 80639	39.72 1.19 0.00	38.04 1.16 0.00	36.71 1.11 0.00	34.71 1.04 0.00	36.46 1.05 0.00	42.01 1.16 0.00	52.52 1.55 0.00	144.72 4.14 0.00	72.59 1.81 0.00	37.62 0.94 0.00	40.27 0.95 0.00	36.69 0.89 0.00	33.20 0.82 0.00	28.81 0.72 0.00	27.86 0.73 0.00	29.31 0.80 0.00	34.19 0.94 0.00	38.10 0.99 0.00	48.85 1.21 0.00	74.08 1.57 0.00	72.81 1.81 0.00	60.86 1.64 0.00	44.63 1.29 0.00	31.00 1.01 0.00
RIVERBAY____ 323610	40.07 1.54 0.00	38.35 1.47 0.00	36.92 1.33 0.00	34.94 1.27 0.00	36.68 1.28 0.00	42.42 1.56 0.00	53.10 2.12 0.00	146.99 6.41 0.00	73.81 3.03 0.00	38.47 1.78 0.00	41.21 1.90 0.00	37.42 1.62 -0.01	33.70 1.31 -0.01	29.36 1.27 -0.01	28.40 1.28 0.00	30.03 1.51 -0.01	34.88 1.63 0.01	38.67 1.56 0.00	49.22 1.58 0.00	74.88 2.37 0.00	73.45 2.45 0.00	61.44 2.23 0.00	45.11 1.77 0.00	31.19 1.19 0.00
RIVERSDE_115KV_TB3 55908	39.79 1.26 0.00	38.10 1.22 0.00	36.75 1.16 0.00	34.76 1.08 0.00	36.52 1.12 0.00	42.11 1.25 0.00	52.65 1.66 0.00	145.16 4.59 0.00	72.80 2.02 0.00	37.70 1.02 0.00	40.35 1.03 0.00	36.76 0.96 0.00	33.25 0.86 0.00	28.85 0.76 0.00	27.90 0.77 0.00	29.35 0.84 0.00	34.25 1.00 0.00	38.20 1.09 0.00	48.99 1.35 0.00	74.36 1.85 0.00	73.02 2.02 0.00	61.02 1.80 0.00	44.73 1.39 0.00	31.04 1.05 0.00
ROARING___BROOK_WT_PWR 323790	37.89 -0.64 0.00	36.27 -0.61 0.00	35.04 -0.55 0.00	33.10 -0.57 0.00	34.81 -0.60 0.00	40.28 -0.58 0.00	50.42 -0.57 0.00	139.49 -1.09 0.00	70.69 -0.08 0.00	36.80 0.11 0.00	39.31 0.00 0.00	35.82 0.02 0.00	32.43 0.05 0.00	28.02 -0.06 0.00	27.10 -0.03 0.00	28.61 0.10 0.00	33.46 0.20 0.00	37.43 0.33 0.00	48.12 0.48 0.00	73.20 0.69 0.00	71.63 0.64 0.00	59.54 0.32 0.00	43.24 -0.10 0.00	29.60 -0.40 0.00

ROCHESRG_115KV_T4 355643	36.09 -2.24 0.20	34.57 -2.19 0.13	33.45 -2.15 0.00	31.73 -1.94 0.00	33.32 -1.95 0.13	38.79 -2.07 0.00	48.08 -2.89 0.01	130.49 -7.70 2.39	64.93 -3.67 2.18	34.69 -1.99 0.00	37.26 -2.05 0.00	33.92 -1.88 0.00	30.70 -1.68 0.00	26.61 -1.47 0.00	25.68 -1.45 0.00	26.92 -1.59 0.00	31.26 -2.00 0.00	34.78 -2.32 0.00	44.66 -2.98 0.00	68.27 -4.25 0.00	66.44 -4.56 0.00	55.24 -3.97 0.00	40.45 -2.88 0.00	28.08 -1.92 0.00
ROCHESTER_9_IC 23652	36.49 -2.05 0.00	34.88 -2.01 0.00	33.62 -1.98 0.00	31.89 -1.79 0.00	33.63 -1.77 0.00	39.01 -1.85 0.00	48.40 -2.58 0.00	132.23 -6.80 1.54	65.65 -3.24 1.89	34.89 -1.80 0.00	37.45 -1.87 0.00	34.08 -1.72 0.00	30.84 -1.54 0.00	26.72 -1.36 0.00	25.80 -1.33 0.00	27.05 -1.47 0.00	31.40 -1.85 0.00	34.95 -2.15 0.00	44.92 -2.72 0.00	68.69 -3.82 0.00	66.87 -4.14 0.00	55.58 -3.64 0.00	40.69 -2.65 0.00	28.23 -1.76 0.00
ROCKVIEW_13_KV_LD 356306	39.95 1.42 0.00	38.25 1.37 0.00	36.84 1.24 0.00	34.83 1.16 0.00	36.53 1.13 0.00	42.17 1.32 0.00	52.79 1.81 0.00	146.30 5.72 0.00	73.46 2.68 0.00	38.30 1.62 0.00	40.98 1.66 0.00	37.24 1.45 0.00	33.67 1.29 0.00	29.32 1.23 0.00	28.39 1.26 0.00	29.98 1.46 0.00	34.89 1.63 0.00	38.74 1.63 0.00	49.41 1.77 0.00	75.07 2.56 0.00	73.58 2.58 0.00	61.50 2.28 0.00	45.14 1.80 0.00	31.25 1.26 0.00
ROME____115KV_TB2 80656	39.21 0.68 0.00	37.42 0.53 0.00	36.09 0.50 0.00	34.15 0.48 0.00	35.97 0.56 0.00	41.77 0.91 0.00	52.51 1.53 0.00	145.77 5.19 0.00	73.10 2.32 0.00	37.39 0.71 0.00	39.82 0.51 0.00	36.20 0.40 0.00	32.69 0.31 0.00	28.27 0.18 0.00	27.32 0.20 0.00	28.79 0.28 0.00	33.77 0.51 0.00	38.04 0.93 0.00	49.38 1.74 0.00	75.60 3.09 0.00	73.85 2.85 0.00	61.40 2.18 0.00	44.63 1.29 0.00	30.67 0.68 0.00
ROSETON___1 23587	39.54 1.01 0.00	37.86 0.97 0.00	36.50 0.91 0.00	34.50 0.83 0.00	36.20 0.80 0.00	41.79 0.93 0.00	52.28 1.30 0.00	144.73 4.15 0.00	72.62 1.84 0.00	37.77 1.09 0.00	40.40 1.09 0.00	36.73 0.93 0.00	33.23 0.84 0.00	28.92 0.83 0.00	28.00 0.87 0.00	29.52 1.00 0.00	34.36 1.11 0.00	38.21 1.10 0.00	48.82 1.18 0.00	74.20 1.69 0.00	72.76 1.76 0.00	60.79 1.57 0.00	44.60 1.26 0.00	30.88 0.88 0.00
ROSETON___2 23588	39.54 1.01 0.00	37.86 0.97 0.00	36.50 0.91 0.00	34.50 0.83 0.00	36.20 0.80 0.00	41.79 0.93 0.00	52.28 1.30 0.00	144.73 4.15 0.00	72.62 1.84 0.00	37.77 1.09 0.00	40.40 1.09 0.00	36.73 0.93 0.00	33.23 0.84 0.00	28.92 0.83 0.00	28.00 0.87 0.00	29.52 1.00 0.00	34.36 1.11 0.00	38.21 1.10 0.00	48.82 1.18 0.00	74.20 1.69 0.00	72.76 1.76 0.00	60.79 1.57 0.00	44.60 1.26 0.00	30.88 0.88 0.00
ROTRRDAM_115KV_TB3 80664	39.50 0.97 0.00	37.81 0.92 0.00	36.46 0.86 0.00	34.48 0.80 0.00	36.21 0.80 0.00	41.76 0.90 0.00	52.21 1.23 0.00	144.11 3.53 0.00	72.21 1.43 0.00	37.27 0.59 0.00	39.83 0.51 0.00	36.28 0.48 0.00	32.80 0.42 0.00	28.46 0.37 0.00	27.51 0.39 0.00	28.94 0.42 0.00	33.80 0.54 0.00	37.78 0.67 0.00	48.61 0.96 0.00	73.97 1.46 0.00	72.54 1.55 0.00	60.53 1.32 0.00	44.32 0.99 0.00	30.71 0.72 0.00
RUSSELL___1 23602	36.68 -1.85 0.00	35.05 -1.83 0.00	33.78 -1.82 0.00	32.04 -1.63 0.00	33.80 -1.61 0.00	39.21 -1.65 0.00	48.67 -2.31 0.00	132.99 -6.04 1.54	66.03 -2.86 1.89	35.04 -1.64 0.00	37.60 -1.72 0.00	34.21 -1.58 0.00	30.96 -1.43 0.00	26.83 -1.25 0.00	25.91 -1.21 0.00	27.15 -1.36 0.00	31.54 -1.72 0.00	35.12 -1.99 0.00	45.17 -2.47 0.00	69.07 -3.44 0.00	67.27 -3.73 0.00	55.92 -3.30 0.00	40.91 -2.43 0.00	28.37 -1.62 0.00
RUSSELL___2 23532	36.68 -1.85 0.00	35.05 -1.83 0.00	33.78 -1.82 0.00	32.04 -1.63 0.00	33.80 -1.61 0.00	39.21 -1.65 0.00	48.67 -2.31 0.00	132.99 -6.04 1.54	66.03 -2.86 1.89	35.04 -1.64 0.00	37.60 -1.72 0.00	34.21 -1.58 0.00	30.96 -1.43 0.00	26.83 -1.25 0.00	25.91 -1.21 0.00	27.15 -1.36 0.00	31.54 -1.72 0.00	35.12 -1.99 0.00	45.17 -2.47 0.00	69.07 -3.44 0.00	67.27 -3.73 0.00	55.92 -3.30 0.00	40.91 -2.43 0.00	28.37 -1.62 0.00
RUSSELL___3 23549	36.68 -1.85 0.00	35.05 -1.83 0.00	33.78 -1.82 0.00	32.04 -1.63 0.00	33.80 -1.61 0.00	39.21 -1.65 0.00	48.67 -2.31 0.00	132.99 -6.04 1.54	66.03 -2.86 1.89	35.04 -1.64 0.00	37.60 -1.72 0.00	34.21 -1.58 0.00	30.96 -1.43 0.00	26.83 -1.25 0.00	25.91 -1.21 0.00	27.15 -1.36 0.00	31.54 -1.72 0.00	35.12 -1.99 0.00	45.17 -2.47 0.00	69.07 -3.44 0.00	67.27 -3.73 0.00	55.92 -3.30 0.00	40.91 -2.43 0.00	28.37 -1.62 0.00
RUSSELL___4 23556	36.68 -1.85 0.00	35.05 -1.83 0.00	33.78 -1.82 0.00	32.04 -1.63 0.00	33.80 -1.61 0.00	39.21 -1.65 0.00	48.67 -2.31 0.00	132.99 -6.04 1.54	66.03 -2.86 1.89	35.04 -1.64 0.00	37.60 -1.72 0.00	34.21 -1.58 0.00	30.96 -1.43 0.00	26.83 -1.25 0.00	25.91 -1.21 0.00	27.15 -1.36 0.00	31.54 -1.72 0.00	35.12 -1.99 0.00	45.17 -2.47 0.00	69.07 -3.44 0.00	67.27 -3.73 0.00	55.92 -3.30 0.00	40.91 -2.43 0.00	28.37 -1.62 0.00
RUSSELL___STATION 23914	36.68 -1.85 0.00	35.05 -1.83 0.00	33.78 -1.82 0.00	32.04 -1.63 0.00	33.80 -1.61 0.00	39.21 -1.65 0.00	48.67 -2.31 0.00	132.99 -6.04 1.54	66.03 -2.86 1.89	35.04 -1.64 0.00	37.60 -1.72 0.00	34.21 -1.58 0.00	30.96 -1.43 0.00	26.83 -1.25 0.00	25.91 -1.21 0.00	27.15 -1.36 0.00	31.54 -1.72 0.00	35.12 -1.99 0.00	45.17 -2.47 0.00	69.07 -3.44 0.00	67.27 -3.73 0.00	55.92 -3.30 0.00	40.91 -2.43 0.00	28.37 -1.62 0.00
S SALMON___HYD 24043	37.14 -1.39 0.00	35.50 -1.38 0.00	34.26 -1.33 0.00	32.43 -1.25 0.00	34.13 -1.27 0.00	39.42 -1.44 0.00	49.34 -1.64 0.00	136.87 -3.71 0.00	68.71 -2.06 0.00	35.32 -1.36 0.00	37.72 -1.59 0.00	34.40 -1.40 0.00	31.18 -1.20 0.00	26.91 -1.17 0.00	25.96 -1.17 0.00	27.30 -1.21 0.00	31.84 -1.42 0.00	35.82 -1.29 0.00	46.61 -1.03 0.00	71.47 -1.04 0.00	69.86 -1.14 0.00	58.07 -1.15 0.00	42.23 -1.11 0.00	29.01 -0.99 0.00
S.PERRY__115KV_TB1 80734	40.54 -1.89 -3.90	37.65 -1.81 -2.57	33.85 -1.77 -0.02	32.14 -1.56 -0.03	36.50 -1.51 -2.60	39.54 -1.32 0.00	49.60 -1.57 -0.19	183.59 -3.10 -46.12	111.21 -1.36 -41.79	35.29 -1.39 0.00	37.67 -1.64 0.00	34.23 -1.57 0.00	30.93 -1.46 0.00	26.71 -1.38 0.00	25.75 -1.37 0.00	26.99 -1.52 0.00	31.32 -1.94 0.00	35.05 -2.06 0.00	45.72 -1.92 0.00	71.41 -1.11 0.00	69.51 -1.49 0.00	57.56 -1.65 0.00	41.86 -1.48 0.00	28.72 -1.27 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.61 -3.12 0.81	33.32 -3.03 0.53	32.62 -2.97 0.01	31.00 -2.67 0.01	32.20 -2.67 0.53	38.10 -2.76 0.00	46.88 -4.06 0.04	119.54 -11.40 9.63	56.76 -5.25 8.77	34.20 -2.48 0.00	36.89 -2.43 0.00	33.53 -2.27 0.00	30.40 -1.99 0.00	26.35 -1.73 0.00	25.44 -1.69 0.00	26.66 -1.86 0.00	30.86 -2.40 0.00	34.15 -2.96 0.00	43.58 -4.06 0.00	66.62 -5.90 0.00	64.60 -6.40 0.00	53.69 -5.53 0.00	39.39 -3.95 0.00	27.35 -2.64 0.00

SAWYER___23_KV_LOAD 55526	34.61 -3.12 0.81	33.32 -3.03 0.53	32.62 -2.97 0.01	31.00 -2.67 0.01	32.20 -2.67 0.53	38.10 -2.76 0.00	46.88 -4.06 0.04	119.54 -11.40 9.63	56.76 -5.25 8.77	34.20 -2.48 0.00	36.89 -2.43 0.00	33.53 -2.27 0.00	30.40 -1.99 0.00	26.35 -1.73 0.00	25.44 -1.69 0.00	26.66 -1.86 0.00	30.86 -2.40 0.00	34.15 -2.96 0.00	43.58 -4.06 0.00	66.62 -5.90 0.00	64.60 -6.40 0.00	53.69 -5.53 0.00	39.39 -3.95 0.00	27.35 -2.64 0.00
SELKIRK___I 23801	39.76 1.22 0.00	38.08 1.19 0.00	36.74 1.15 0.00	34.76 1.09 0.00	36.55 1.15 0.00	42.17 1.31 0.00	52.69 1.71 0.00	145.31 4.73 0.00	72.68 1.91 0.00	37.47 0.78 0.00	40.05 0.74 0.00	36.53 0.74 0.00	33.03 0.65 0.00	28.65 0.57 0.00	27.69 0.56 0.00	29.12 0.61 0.00	34.00 0.74 0.00	38.09 0.98 0.00	49.01 1.37 0.00	74.50 1.99 0.00	73.05 2.05 0.00	60.98 1.77 0.00	44.68 1.35 0.00	30.98 0.98 0.00
SELKIRK___II 23799	39.57 1.04 0.00	37.89 1.00 0.00	36.56 0.97 0.00	34.58 0.91 0.00	36.35 0.94 0.00	41.92 1.06 0.00	52.39 1.41 0.00	144.59 4.01 0.00	72.51 1.73 0.00	37.53 0.85 0.00	40.15 0.83 0.00	36.58 0.79 0.00	33.09 0.71 0.00	28.71 0.63 0.00	27.76 0.63 0.00	29.20 0.68 0.00	34.06 0.80 0.00	38.01 0.90 0.00	48.78 1.14 0.00	74.14 1.62 0.00	72.73 1.73 0.00	60.73 1.52 0.00	44.51 1.17 0.00	30.86 0.86 0.00
SENECA OSWGO___HYD 24041	36.98 -1.55 0.00	35.38 -1.51 0.00	34.17 -1.43 0.00	32.33 -1.34 0.00	34.03 -1.37 0.00	39.28 -1.58 0.00	48.98 -2.00 0.00	135.42 -5.15 0.00	68.08 -2.70 0.00	35.17 -1.52 0.00	37.74 -1.57 0.00	34.40 -1.40 0.00	31.12 -1.27 0.00	26.94 -1.14 0.00	25.99 -1.14 0.00	27.27 -1.25 0.00	31.76 -1.50 0.00	35.50 -1.60 0.00	45.69 -1.96 0.00	69.72 -2.79 0.00	68.16 -2.84 0.00	56.77 -2.45 0.00	41.52 -1.82 0.00	28.80 -1.20 0.00
SENECA___115KV_TB3 355854	35.25 -2.61 0.68	33.86 -2.58 0.45	33.10 -2.49 0.00	31.47 -2.20 0.00	32.77 -2.18 0.45	38.74 -2.13 0.00	47.76 -3.19 0.03	123.38 -8.98 8.21	59.18 -4.09 7.50	34.84 -1.84 0.00	37.56 -1.76 0.00	34.11 -1.69 0.00	30.90 -1.49 0.00	26.77 -1.31 0.00	25.85 -1.27 0.00	27.10 -1.42 0.00	31.38 -1.88 0.00	34.77 -2.34 0.00	44.39 -3.25 0.00	67.89 -4.62 0.00	65.85 -5.15 0.00	54.69 -4.53 0.00	40.09 -3.25 0.00	27.78 -2.21 0.00
SENECA___ENERGY 23797	37.32 -1.48 -0.26	35.60 -1.45 -0.17	34.16 -1.44 0.00	32.36 -1.31 0.00	34.30 -1.28 -0.17	39.54 -1.32 0.00	49.37 -1.62 -0.01	139.49 -4.11 -3.03	71.37 -2.15 -2.74	35.40 -1.28 0.00	37.87 -1.44 0.00	34.41 -1.39 0.00	31.10 -1.29 0.00	26.97 -1.11 0.00	26.04 -1.09 0.00	27.31 -1.20 0.00	31.80 -1.46 0.00	35.58 -1.52 0.00	45.90 -1.74 0.00	70.12 -2.39 0.00	68.43 -2.57 0.00	56.89 -2.33 0.00	41.64 -1.70 0.00	28.82 -1.17 0.00
SHOEMAKER___GT 23640	39.38 0.85 0.00	37.68 0.80 0.00	36.34 0.74 0.00	34.36 0.68 0.00	36.06 0.66 0.00	41.63 0.77 0.00	52.09 1.11 0.00	144.14 3.57 0.00	72.32 1.54 0.00	37.53 0.85 0.00	40.07 0.76 0.00	36.42 0.62 0.00	32.92 0.54 0.00	28.66 0.58 0.00	27.74 0.62 0.00	29.22 0.71 0.00	34.03 0.78 0.00	37.91 0.80 0.00	48.56 0.92 0.00	73.90 1.39 0.00	72.49 1.49 0.00	60.51 1.30 0.00	44.38 1.04 0.00	30.72 0.72 0.00
SHOEMAKR_138KV_BK 111 55601	39.36 0.83 0.00	37.67 0.78 0.00	36.31 0.72 0.00	34.34 0.66 0.00	36.04 0.64 0.00	41.61 0.75 0.00	52.06 1.07 0.00	144.03 3.46 0.00	72.31 1.53 0.00	37.54 0.86 0.00	40.09 0.77 0.00	36.43 0.63 0.00	32.95 0.56 0.00	28.68 0.59 0.00	27.76 0.63 0.00	29.24 0.73 0.00	34.06 0.80 0.00	37.92 0.82 0.00	48.56 0.92 0.00	73.89 1.37 0.00	72.44 1.44 0.00	60.50 1.28 0.00	44.37 1.03 0.00	30.70 0.71 0.00
SHOREHAM_IC_1 23715	41.00 2.47 0.00	39.34 2.45 0.00	37.93 2.33 0.00	35.78 2.10 0.00	37.05 1.65 0.00	42.02 1.16 0.00	51.53 0.55 0.00	140.93 0.35 0.00	70.93 0.15 0.00	37.63 0.95 0.00	40.75 1.43 0.00	36.89 1.09 0.00	33.20 0.82 0.00	28.92 0.83 0.00	27.83 0.70 0.00	29.57 1.05 0.00	34.90 1.64 0.00	38.81 1.70 0.00	49.40 1.76 0.00	73.37 0.86 0.00	72.51 1.52 0.00	61.68 2.46 0.00	45.70 2.35 0.00	32.02 2.03 0.00
SHOREHAM_IC_2 23716	41.00 2.47 0.00	39.34 2.45 0.00	37.93 2.33 0.00	35.78 2.10 0.00	37.05 1.65 0.00	42.02 1.16 0.00	51.53 0.55 0.00	140.93 0.35 0.00	70.93 0.15 0.00	37.63 0.95 0.00	40.75 1.43 0.00	36.89 1.09 0.00	33.20 0.82 0.00	28.92 0.83 0.00	27.83 0.70 0.00	29.57 1.05 0.00	34.90 1.64 0.00	38.81 1.70 0.00	49.40 1.76 0.00	73.37 0.86 0.00	72.51 1.52 0.00	61.68 2.46 0.00	45.70 2.35 0.00	32.02 2.03 0.00
SISSONVILLE____ 23735	39.49 0.95 0.00	37.80 0.92 0.00	36.49 0.90 0.00	34.49 0.82 0.00	36.11 0.71 0.00	41.65 0.79 0.00	51.71 0.73 0.00	142.28 1.71 0.00	71.97 1.19 0.00	37.22 0.54 0.00	39.77 0.46 0.00	36.08 0.28 0.00	32.67 0.28 0.00	28.21 0.13 0.00	27.25 0.12 0.00	28.72 0.21 0.00	33.77 0.51 0.00	37.85 0.74 0.00	49.03 1.39 0.00	74.78 2.26 0.00	72.96 1.96 0.00	60.73 1.51 0.00	44.15 0.81 0.00	30.32 0.32 0.00
SITHE_IND_GS1 24169	36.78 -1.75 0.00	35.22 -1.66 0.00	34.01 -1.59 0.00	32.19 -1.49 0.00	33.86 -1.55 0.00	39.03 -1.83 0.00	48.57 -2.41 0.00	134.17 -6.41 0.00	67.49 -3.29 0.00	34.97 -1.71 0.00	37.62 -1.69 0.00	34.31 -1.49 0.00	31.04 -1.35 0.00	26.89 -1.19 0.00	25.93 -1.19 0.00	27.19 -1.32 0.00	31.65 -1.61 0.00	35.29 -1.81 0.00	45.33 -2.31 0.00	69.08 -3.44 0.00	67.55 -3.45 0.00	56.29 -2.92 0.00	41.21 -2.13 0.00	28.62 -1.38 0.00
SITHE_IND_GS2 24170	36.78 -1.75 0.00	35.22 -1.66 0.00	34.01 -1.59 0.00	32.19 -1.49 0.00	33.86 -1.55 0.00	39.03 -1.83 0.00	48.57 -2.41 0.00	134.17 -6.41 0.00	67.49 -3.29 0.00	34.97 -1.71 0.00	37.62 -1.69 0.00	34.31 -1.49 0.00	31.04 -1.35 0.00	26.89 -1.19 0.00	25.93 -1.19 0.00	27.19 -1.32 0.00	31.65 -1.61 0.00	35.29 -1.81 0.00	45.33 -2.31 0.00	69.08 -3.44 0.00	67.55 -3.45 0.00	56.29 -2.92 0.00	41.21 -2.13 0.00	28.62 -1.38 0.00
SITHE_IND_GS3 24171	36.78 -1.75 0.00	35.22 -1.66 0.00	34.01 -1.59 0.00	32.19 -1.49 0.00	33.86 -1.55 0.00	39.03 -1.83 0.00	48.57 -2.41 0.00	134.17 -6.41 0.00	67.49 -3.29 0.00	34.97 -1.71 0.00	37.62 -1.69 0.00	34.31 -1.49 0.00	31.04 -1.35 0.00	26.89 -1.19 0.00	25.93 -1.19 0.00	27.19 -1.32 0.00	31.65 -1.61 0.00	35.29 -1.81 0.00	45.33 -2.31 0.00	69.08 -3.44 0.00	67.55 -3.45 0.00	56.29 -2.92 0.00	41.21 -2.13 0.00	28.62 -1.38 0.00
SITHE_IND_GS4 24172	36.78 -1.75 0.00	35.22 -1.66 0.00	34.01 -1.59 0.00	32.19 -1.49 0.00	33.86 -1.55 0.00	39.03 -1.83 0.00	48.57 -2.41 0.00	134.17 -6.41 0.00	67.49 -3.29 0.00	34.97 -1.71 0.00	37.62 -1.69 0.00	34.31 -1.49 0.00	31.04 -1.35 0.00	26.89 -1.19 0.00	25.93 -1.19 0.00	27.19 -1.32 0.00	31.65 -1.61 0.00	35.29 -1.81 0.00	45.33 -2.31 0.00	69.08 -3.44 0.00	67.55 -3.45 0.00	56.29 -2.92 0.00	41.21 -2.13 0.00	28.62 -1.38 0.00

SITHE___BATAVIA 24024	35.78 -2.11 0.64	34.39 -2.07 0.42	33.53 -2.07 0.00	31.85 -1.82 0.00	33.25 -1.73 0.43	39.23 -1.63 0.00	48.52 -2.44 0.03	126.45 -6.46 7.66	60.89 -2.92 6.96	34.91 -1.78 0.00	37.25 -2.07 0.00	33.79 -2.01 0.00	30.71 -1.67 0.00	26.52 -1.57 0.00	25.56 -1.57 0.00	26.73 -1.78 0.00	31.03 -2.23 0.00	34.56 -2.55 0.00	44.71 -2.93 0.00	68.88 -3.63 0.00	66.89 -4.11 0.00	55.56 -3.65 0.00	40.67 -2.67 0.00	28.20 -1.79 0.00
SITHE___INDEPEND 23800	36.78 -1.76 0.00	35.22 -1.67 0.00	34.01 -1.59 0.00	32.19 -1.49 0.00	33.86 -1.55 0.00	39.03 -1.83 0.00	48.57 -2.41 0.00	134.14 -6.43 0.00	67.49 -3.29 0.00	34.97 -1.71 0.00	37.62 -1.69 0.00	34.31 -1.49 0.00	31.04 -1.35 0.00	26.89 -1.20 0.00	25.93 -1.20 0.00	27.19 -1.32 0.00	31.65 -1.61 0.00	35.30 -1.81 0.00	45.33 -2.31 0.00	69.08 -3.44 0.00	67.55 -3.45 0.00	56.29 -2.92 0.00	41.21 -2.13 0.00	28.61 -1.38 0.00
SITHE___MASSENA 23902	39.69 1.16 0.00	38.01 1.12 0.00	36.70 1.10 0.00	34.71 1.03 0.00	36.49 1.09 0.00	42.15 1.29 0.00	52.25 1.27 0.00	143.46 2.88 0.00	72.63 1.86 0.00	37.70 1.01 0.00	40.36 1.04 0.00	36.68 0.87 0.00	33.19 0.81 0.00	28.74 0.65 0.00	27.73 0.61 0.00	29.21 0.70 0.00	34.21 0.95 0.00	38.19 1.09 0.00	49.17 1.53 0.00	74.84 2.33 0.00	73.07 2.07 0.00	60.90 1.69 0.00	44.44 1.10 0.00	30.63 0.63 0.00
SITHE___OGDNSBRG 24021	40.36 1.82 0.00	38.64 1.76 0.00	37.29 1.69 0.00	35.28 1.60 0.00	37.07 1.67 0.00	42.85 1.99 0.00	53.22 2.24 0.00	146.30 5.73 0.00	73.91 3.14 0.00	38.11 1.43 0.00	40.46 1.14 0.00	36.69 0.89 0.00	33.22 0.84 0.00	28.73 0.64 0.00	27.73 0.60 0.00	29.22 0.70 0.00	34.42 1.16 0.00	38.60 1.50 0.00	50.12 2.48 0.00	76.51 4.00 0.00	74.61 3.62 0.00	62.11 2.90 0.00	45.21 1.87 0.00	31.09 1.10 0.00
SITHE___STERLING 23777	38.89 0.35 0.00	37.14 0.25 0.00	35.83 0.24 0.00	33.90 0.23 0.00	35.71 0.31 0.00	41.43 0.57 0.00	52.00 1.02 0.00	144.17 3.60 0.00	72.31 1.54 0.00	37.04 0.35 0.00	39.50 0.19 0.00	35.93 0.13 0.00	32.45 0.07 0.00	28.09 0.01 0.00	27.14 0.02 0.00	28.56 0.05 0.00	33.41 0.16 0.00	37.52 0.41 0.00	48.59 0.95 0.00	74.36 1.85 0.00	72.69 1.70 0.00	60.47 1.26 0.00	44.08 0.74 0.00	30.37 0.38 0.00
SLEIGHT__34_KV_TB1 80719	36.77 -1.77 0.00	35.15 -1.74 0.00	33.87 -1.72 0.00	32.10 -1.57 0.00	33.87 -1.54 0.00	39.27 -1.59 0.00	48.94 -2.04 0.00	135.41 -5.17 0.00	68.11 -2.67 0.00	35.04 -1.64 0.00	37.52 -1.80 0.00	34.10 -1.70 0.00	30.83 -1.55 0.00	26.73 -1.35 0.00	25.80 -1.33 0.00	27.05 -1.46 0.00	31.47 -1.79 0.00	35.18 -1.92 0.00	45.41 -2.23 0.00	69.45 -3.06 0.00	67.66 -3.34 0.00	56.20 -3.01 0.00	41.10 -2.24 0.00	28.51 -1.48 0.00
SOUTH CAIRO___GT 23612	41.31 2.78 0.00	39.54 2.65 0.00	38.13 2.53 0.00	36.09 2.42 0.00	37.98 2.58 0.00	43.90 3.04 0.00	55.08 4.10 0.00	152.27 11.70 0.00	76.00 5.23 0.00	38.63 1.95 0.00	40.89 1.58 0.00	37.21 1.42 0.00	33.65 1.26 0.00	29.03 0.94 0.00	28.01 0.89 0.00	29.48 0.97 0.00	34.53 1.28 0.00	38.90 1.80 0.00	50.65 3.01 0.00	77.62 5.11 0.00	76.14 5.14 0.00	63.45 4.23 0.00	46.34 3.00 0.00	32.06 2.07 0.00
SOUTH HAMPTN___IC 23720	41.40 2.86 0.00	39.83 2.94 0.00	38.44 2.85 0.00	36.15 2.48 0.00	37.19 1.79 0.00	41.96 1.10 0.00	51.57 0.58 0.00	141.22 0.64 0.00	70.96 0.18 0.00	37.52 0.84 0.00	40.53 1.22 0.00	36.69 0.89 0.00	32.97 0.58 0.00	28.73 0.65 0.00	27.69 0.56 0.00	29.47 0.95 0.00	34.85 1.59 0.00	38.68 1.57 0.00	49.20 1.56 0.00	73.32 0.81 0.00	72.43 1.43 0.00	61.76 2.54 0.00	45.94 2.61 0.00	32.19 2.20 0.00
SOUTHDOW_115KV_TB1 355954	36.23 -2.10 0.21	34.62 -2.13 0.14	33.60 -2.00 0.00	32.01 -1.66 0.00	33.71 -1.55 0.15	39.82 -1.04 0.00	49.76 -1.22 0.01	137.79 -2.14 0.64	70.35 -0.43 0.00	36.80 0.12 0.00	39.73 0.42 0.00	35.89 0.09 0.00	32.24 -0.15 0.00	27.93 -0.15 0.00	26.89 -0.24 0.00	28.08 -0.44 0.00	32.48 -0.77 0.00	36.13 -0.98 0.00	46.31 -1.33 0.00	70.96 -1.55 0.00	68.68 -2.32 0.00	56.83 -2.38 0.00	41.19 -2.15 0.00	28.15 -1.84 0.00
SOUTHOLD_69_KV_BK 2 55809	41.64 3.10 0.00	40.24 3.35 0.00	38.85 3.25 0.00	36.41 2.73 0.00	37.14 1.74 0.00	41.56 0.70 0.00	51.11 0.13 0.00	140.01 -0.56 0.00	70.29 -0.48 0.00	37.11 0.42 0.00	40.06 0.74 0.00	36.26 0.46 0.00	32.52 0.13 0.00	28.38 0.29 0.00	27.35 0.23 0.00	29.19 0.67 0.00	34.62 1.36 0.00	38.34 1.23 0.00	48.68 1.04 0.00	72.65 0.13 0.00	71.77 0.77 0.00	61.43 2.21 0.00	45.99 2.66 0.00	32.25 2.25 0.00
SOUTHOLD___IC 23719	41.64 3.10 0.00	40.23 3.34 0.00	38.85 3.25 0.00	36.40 2.73 0.00	37.14 1.74 0.00	41.56 0.70 0.00	51.11 0.13 0.00	139.98 -0.59 0.00	70.28 -0.50 0.00	37.11 0.43 0.00	40.06 0.74 0.00	36.26 0.46 0.00	32.52 0.13 0.00	28.37 0.29 0.00	27.35 0.22 0.00	29.19 0.67 0.00	34.61 1.35 0.00	38.34 1.23 0.00	48.68 1.04 0.00	72.64 0.13 0.00	71.76 0.76 0.00	61.43 2.21 0.00	45.99 2.65 0.00	32.25 2.25 0.00
SOUTH_FORK_WT_PWR 323839	41.56 3.03 0.00	40.29 3.40 0.00	38.93 3.34 0.00	36.38 2.70 0.00	36.85 1.44 0.00	40.88 0.02 0.00	50.26 -0.73 0.00	137.61 -2.97 0.00	69.07 -1.71 0.00	36.48 -0.20 0.00	39.37 0.06 0.00	35.68 -0.12 0.00	31.96 -0.43 0.00	27.92 -0.16 0.00	26.92 -0.20 0.00	28.78 0.26 0.00	34.19 0.94 0.00	37.78 0.67 0.00	47.87 0.23 0.00	71.40 -1.11 0.00	70.62 -0.38 0.00	60.69 1.47 0.00	45.72 2.38 0.00	32.10 2.10 0.00
SPIERFLS_115KV_TB 1 80737	40.91 2.38 0.00	39.18 2.29 0.00	37.63 2.04 0.00	35.48 1.80 0.00	37.04 1.63 0.00	42.66 1.80 0.00	53.37 2.39 0.00	147.19 6.62 0.00	73.40 2.62 0.00	37.68 0.99 0.00	40.07 0.76 0.00	36.52 0.72 0.00	32.90 0.52 0.00	28.48 0.39 0.00	27.56 0.43 0.00	29.03 0.52 0.00	34.10 0.84 0.00	38.21 1.10 0.00	49.31 1.67 0.00	75.01 2.50 0.00	73.72 2.73 0.00	61.46 2.25 0.00	44.96 1.63 0.00	31.24 1.25 0.00
ST LAWRENCE____ 23600	39.08 0.55 0.00	37.43 0.54 0.00	36.14 0.55 0.00	34.19 0.51 0.00	35.95 0.55 0.00	41.52 0.66 0.00	51.67 0.69 0.00	141.88 1.31 0.00	71.82 1.05 0.00	37.31 0.63 0.00	39.99 0.67 0.00	36.36 0.56 0.00	32.90 0.52 0.00	28.49 0.41 0.00	27.49 0.37 0.00	28.94 0.43 0.00	33.85 0.60 0.00	37.79 0.68 0.00	48.56 0.92 0.00	73.87 1.36 0.00	72.18 1.19 0.00	60.19 0.98 0.00	43.96 0.62 0.00	30.32 0.33 0.00
STATE_CA_115KV_115_LB 55624	39.91 1.38 0.00	38.21 1.33 0.00	36.86 1.26 0.00	34.86 1.19 0.00	36.65 1.24 0.00	42.27 1.41 0.00	52.85 1.87 0.00	145.87 5.29 0.00	73.11 2.34 0.00	37.84 1.16 0.00	40.49 1.17 0.00	36.87 1.07 0.00	33.35 0.97 0.00	28.93 0.84 0.00	27.98 0.85 0.00	29.44 0.93 0.00	34.37 1.12 0.00	38.35 1.25 0.00	49.22 1.58 0.00	74.76 2.25 0.00	73.34 2.34 0.00	61.27 2.05 0.00	44.89 1.55 0.00	31.13 1.14 0.00

STATE_ST_34_KV_LOAD 55959	37.82 -0.71 0.00	36.16 -0.72 0.00	34.80 -0.79 0.00	32.95 -0.73 0.00	34.80 -0.60 0.00	40.30 -0.56 0.00	50.33 -0.65 0.00	139.18 -1.39 0.00	69.87 -0.91 0.00	35.84 -0.84 0.00	38.34 -0.98 0.00	34.85 -0.95 0.00	31.48 -0.90 0.00	27.35 -0.73 0.00	26.41 -0.71 0.00	27.70 -0.82 0.00	32.29 -0.96 0.00	36.19 -0.91 0.00	46.71 -0.93 0.00	71.44 -1.07 0.00	69.78 -1.22 0.00	57.91 -1.30 0.00	42.34 -1.00 0.00	29.40 -0.60 0.00
STATION 5_MISC_HYD 23604	36.49 -2.04 0.00	34.89 -2.00 0.00	33.62 -1.98 0.00	31.89 -1.78 0.00	33.63 -1.77 0.00	39.01 -1.85 0.00	48.39 -2.59 0.00	132.27 -6.76 1.54	65.68 -3.21 1.89	34.88 -1.80 0.00	37.45 -1.87 0.00	34.08 -1.72 0.00	30.84 -1.54 0.00	26.73 -1.35 0.00	25.81 -1.31 0.00	27.05 -1.47 0.00	31.42 -1.84 0.00	34.95 -2.16 0.00	44.92 -2.72 0.00	68.68 -3.83 0.00	66.86 -4.13 0.00	55.58 -3.64 0.00	40.69 -2.65 0.00	28.23 -1.76 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.21 -1.32 0.00	35.57 -1.31 0.00	34.30 -1.29 0.00	32.53 -1.15 0.00	34.30 -1.11 0.00	39.78 -1.08 0.00	49.61 -1.38 0.00	137.21 -3.37 0.00	69.02 -1.76 0.00	35.58 -1.10 0.00	38.10 -1.21 0.00	34.60 -1.20 0.00	31.24 -1.15 0.00	27.09 -0.99 0.00	26.15 -0.98 0.00	27.42 -1.09 0.00	31.90 -1.36 0.00	35.74 -1.37 0.00	46.12 -1.52 0.00	70.50 -2.02 0.00	68.68 -2.32 0.00	57.07 -2.14 0.00	41.75 -1.59 0.00	28.90 -1.10 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.36 -2.17 0.00	34.76 -2.13 0.00	33.50 -2.09 0.00	31.78 -1.89 0.00	33.51 -1.89 0.00	38.85 -2.01 0.00	48.24 -2.74 0.00	133.33 -7.24 0.00	67.29 -3.49 0.00	34.76 -1.92 0.00	37.31 -2.00 0.00	33.95 -1.84 0.00	30.72 -1.67 0.00	26.63 -1.46 0.00	25.70 -1.43 0.00	26.94 -1.58 0.00	31.30 -1.96 0.00	34.86 -2.24 0.00	44.82 -2.82 0.00	68.49 -4.02 0.00	66.67 -4.33 0.00	55.42 -3.79 0.00	40.56 -2.78 0.00	28.14 -1.85 0.00
STA_56___34_KV_BUS2 355983	36.36 -2.17 0.00	34.76 -2.13 0.00	33.50 -2.09 0.00	31.78 -1.89 0.00	33.51 -1.89 0.00	38.85 -2.01 0.00	48.24 -2.74 0.00	133.33 -7.24 0.00	67.29 -3.49 0.00	34.76 -1.92 0.00	37.31 -2.00 0.00	33.95 -1.84 0.00	30.72 -1.67 0.00	26.63 -1.46 0.00	25.70 -1.43 0.00	26.94 -1.58 0.00	31.30 -1.96 0.00	34.86 -2.24 0.00	44.82 -2.82 0.00	68.49 -4.02 0.00	66.67 -4.33 0.00	55.42 -3.79 0.00	40.56 -2.78 0.00	28.14 -1.85 0.00
STA_67___115KV_BK2 355882	36.23 -2.13 0.18	34.69 -2.08 0.12	33.54 -2.06 0.00	31.82 -1.86 0.00	33.56 -1.85 0.00	38.92 -1.94 0.00	48.27 -2.70 0.01	131.29 -7.16 2.12	65.43 -3.41 1.93	34.80 -1.88 0.00	37.37 -1.95 0.00	34.01 -1.79 0.00	30.78 -1.60 0.00	26.68 -1.41 0.00	25.75 -1.38 0.00	26.99 -1.52 0.00	31.34 -1.92 0.00	34.88 -2.23 0.00	44.80 -2.83 0.00	68.51 -4.01 0.00	66.69 -4.31 0.00	55.45 -3.77 0.00	40.58 -2.76 0.00	28.17 -1.83 0.00
STA_7___115KV_9TRANS 80674	36.68 -1.85 0.00	35.05 -1.83 0.00	33.78 -1.82 0.00	32.04 -1.63 0.00	33.80 -1.61 0.00	39.21 -1.65 0.00	48.67 -2.31 0.00	132.99 -6.04 1.54	66.03 -2.86 1.89	35.04 -1.64 0.00	37.60 -1.72 0.00	34.21 -1.58 0.00	30.96 -1.43 0.00	26.83 -1.25 0.00	25.91 -1.21 0.00	27.15 -1.36 0.00	31.54 -1.72 0.00	35.12 -1.99 0.00	45.17 -2.47 0.00	69.07 -3.44 0.00	67.27 -3.73 0.00	55.92 -3.30 0.00	40.91 -2.43 0.00	28.37 -1.62 0.00
STA_82___115KV_TB1 80780	36.41 -2.12 0.00	34.81 -2.08 0.00	33.54 -2.05 0.00	31.82 -1.85 0.00	33.56 -1.85 0.00	38.92 -1.94 0.00	48.29 -2.69 0.00	133.42 -7.15 0.00	67.37 -3.41 0.00	34.80 -1.88 0.00	37.37 -1.95 0.00	34.00 -1.80 0.00	30.78 -1.61 0.00	26.67 -1.42 0.00	25.74 -1.39 0.00	26.99 -1.53 0.00	31.33 -1.93 0.00	34.87 -2.24 0.00	44.80 -2.83 0.00	68.52 -3.99 0.00	66.69 -4.30 0.00	55.45 -3.77 0.00	40.59 -2.75 0.00	28.17 -1.83 0.00
STEEL___WIND 323596	35.19 -2.67 0.68	33.78 -2.65 0.45	33.04 -2.55 0.00	31.41 -2.26 0.00	32.72 -2.24 0.45	38.66 -2.20 0.00	47.66 -3.29 0.03	123.15 -9.21 8.21	59.06 -4.21 7.50	34.80 -1.88 0.00	37.48 -1.83 0.00	34.02 -1.78 0.00	30.83 -1.55 0.00	26.72 -1.37 0.00	25.81 -1.31 0.00	27.06 -1.45 0.00	31.36 -1.90 0.00	34.70 -2.41 0.00	44.34 -3.30 0.00	67.77 -4.74 0.00	65.77 -5.23 0.00	54.62 -4.59 0.00	40.02 -3.32 0.00	27.72 -2.27 0.00
STEPHTWN_115KV_BK_2 55603	40.07 1.54 0.00	38.34 1.46 0.00	36.97 1.37 0.00	35.00 1.32 0.00	36.77 1.37 0.00	42.53 1.67 0.00	53.33 2.35 0.00	146.95 6.38 0.00	73.45 2.68 0.00	37.96 1.28 0.00	40.60 1.29 0.00	36.91 1.11 0.00	33.49 1.10 0.00	28.96 0.88 0.00	27.99 0.87 0.00	29.47 0.96 0.00	34.43 1.17 0.00	38.47 1.37 0.00	49.48 1.84 0.00	75.21 2.70 0.00	73.82 2.82 0.00	61.58 2.36 0.00	45.11 1.77 0.00	31.26 1.27 0.00
STEUBEN_REC_LFGE 323667	37.14 -3.98 -2.58	35.05 -3.54 -1.70	32.13 -3.48 -0.02	30.57 -3.12 -0.02	33.92 -3.21 -1.72	37.56 -3.30 0.00	47.14 -3.96 -0.13	162.55 -8.64 -30.62	95.10 -3.45 -27.78	35.16 -1.53 0.00	37.62 -1.69 0.00	34.06 -1.74 0.00	30.71 -1.68 0.00	26.46 -1.62 0.00	25.42 -1.70 0.00	26.60 -1.92 0.00	30.79 -2.47 0.00	34.70 -2.41 0.00	45.52 -2.13 0.00	70.59 -1.92 0.00	68.45 -2.56 0.00	56.18 -3.04 0.00	40.59 -2.75 0.00	27.69 -2.30 0.00
STILLWATER___SOLAR 323814	40.39 1.86 0.00	38.68 1.79 0.00	37.25 1.65 0.00	35.21 1.54 0.00	36.93 1.53 0.00	42.61 1.75 0.00	53.35 2.37 0.00	147.14 6.57 0.00	73.49 2.72 0.00	37.78 1.10 0.00	40.31 0.99 0.00	36.71 0.91 0.00	33.12 0.74 0.00	28.69 0.61 0.00	27.76 0.63 0.00	29.22 0.70 0.00	34.24 0.98 0.00	38.38 1.28 0.00	49.48 1.85 0.00	75.22 2.71 0.00	73.87 2.87 0.00	61.60 2.39 0.00	45.10 1.76 0.00	31.29 1.30 0.00
STONY___BROOK 24151	40.84 2.30 0.00	39.14 2.26 0.00	37.70 2.10 0.00	35.59 1.91 0.00	36.93 1.52 0.00	42.18 1.32 0.00	52.15 1.17 0.00	143.30 2.72 0.00	72.16 1.38 0.00	38.02 1.34 0.00	40.90 1.59 0.00	37.02 1.22 0.00	33.36 0.97 0.00	29.05 0.96 0.00	28.07 0.94 0.00	29.79 1.28 0.00	34.98 1.72 0.00	38.88 1.78 0.00	49.55 1.91 0.00	74.34 1.83 0.00	73.25 2.25 0.00	61.95 2.73 0.00	45.81 2.47 0.00	31.93 1.94 0.00
STURGEON_POOL_HYD 23609	39.74 1.21 0.00	38.03 1.14 0.00	36.67 1.07 0.00	34.67 1.00 0.00	36.39 0.99 0.00	42.01 1.15 0.00	52.62 1.64 0.00	145.74 5.17 0.00	73.15 2.37 0.00	38.01 1.33 0.00	40.59 1.28 0.00	36.89 1.09 0.00	33.37 0.98 0.00	29.03 0.94 0.00	28.09 0.97 0.00	29.61 1.10 0.00	34.47 1.21 0.00	38.37 1.26 0.00	49.06 1.42 0.00	74.68 2.17 0.00	73.20 2.20 0.00	61.14 1.93 0.00	44.83 1.49 0.00	31.02 1.03 0.00
ST_LAW_115_BK7_LBMP 345037	39.18 0.65 0.00	37.51 0.63 0.00	36.23 0.63 0.00	34.26 0.58 0.00	36.03 0.63 0.00	41.62 0.76 0.00	51.75 0.77 0.00	142.08 1.50 0.00	71.94 1.16 0.00	37.37 0.69 0.00	40.05 0.74 0.00	36.41 0.61 0.00	32.96 0.58 0.00	28.54 0.45 0.00	27.54 0.41 0.00	28.99 0.47 0.00	33.92 0.66 0.00	37.85 0.74 0.00	48.66 1.02 0.00	74.02 1.52 0.00	72.31 1.31 0.00	60.29 1.08 0.00	44.03 0.69 0.00	30.37 0.38 0.00

ST_LAW_115_BK8_LBMP 345038	39.18 0.65 0.00	37.51 0.63 0.00	36.23 0.63 0.00	34.26 0.58 0.00	36.03 0.63 0.00	41.62 0.76 0.00	51.75 0.77 0.00	142.08 1.50 0.00	71.94 1.16 0.00	37.37 0.69 0.00	40.05 0.74 0.00	36.41 0.61 0.00	32.96 0.58 0.00	28.54 0.45 0.00	27.54 0.41 0.00	28.99 0.47 0.00	33.92 0.66 0.00	37.85 0.74 0.00	48.66 1.02 0.00	74.02 1.52 0.00	72.31 1.31 0.00	60.29 1.08 0.00	44.03 0.69 0.00	30.37 0.38 0.00
ST_LAW_230_BK5_LBMP 345035	39.08 0.55 0.00	37.43 0.54 0.00	36.14 0.55 0.00	34.19 0.51 0.00	35.95 0.55 0.00	41.52 0.66 0.00	51.67 0.69 0.00	141.88 1.31 0.00	71.82 1.05 0.00	37.31 0.63 0.00	39.99 0.67 0.00	36.36 0.56 0.00	32.90 0.52 0.00	28.49 0.41 0.00	27.49 0.37 0.00	28.94 0.43 0.00	33.85 0.60 0.00	37.79 0.68 0.00	48.56 0.92 0.00	73.87 1.36 0.00	72.18 1.19 0.00	60.19 0.98 0.00	43.96 0.62 0.00	30.32 0.33 0.00
ST_LAW_230_BK6_LBMP 345036	39.08 0.55 0.00	37.43 0.54 0.00	36.14 0.55 0.00	34.19 0.51 0.00	35.95 0.55 0.00	41.52 0.66 0.00	51.67 0.69 0.00	141.88 1.31 0.00	71.82 1.05 0.00	37.31 0.63 0.00	39.99 0.67 0.00	36.36 0.56 0.00	32.90 0.52 0.00	28.49 0.41 0.00	27.49 0.37 0.00	28.94 0.43 0.00	33.85 0.60 0.00	37.79 0.68 0.00	48.56 0.92 0.00	73.87 1.36 0.00	72.18 1.19 0.00	60.19 0.98 0.00	43.96 0.62 0.00	30.32 0.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.44 0.91 0.00	37.75 0.86 0.00	36.38 0.79 0.00	34.39 0.72 0.00	36.08 0.68 0.00	41.69 0.83 0.00	52.20 1.21 0.00	144.46 3.89 0.00	72.53 1.76 0.00	37.71 1.02 0.00	40.27 0.96 0.00	36.58 0.78 0.00	33.08 0.70 0.00	28.81 0.72 0.00	27.89 0.77 0.00	29.41 0.89 0.00	34.25 0.99 0.00	38.14 1.03 0.00	48.73 1.09 0.00	74.10 1.58 0.00	72.67 1.67 0.00	60.68 1.46 0.00	44.50 1.16 0.00	30.77 0.78 0.00
SWANROAD_115KV_TB1 355699	33.66 -3.98 0.90	32.47 -3.82 0.59	31.88 -3.71 0.01	30.29 -3.38 0.01	31.41 -3.40 0.60	37.28 -3.58 0.00	45.66 -5.28 0.04	114.72 -15.13 10.73	53.94 -7.08 9.75	33.33 -3.35 0.00	35.91 -3.40 0.00	32.65 -3.15 0.00	29.64 -2.75 0.00	25.69 -2.40 0.00	24.80 -2.33 0.00	25.95 -2.57 0.00	30.02 -3.24 0.00	33.17 -3.94 0.00	42.35 -5.30 0.00	64.81 -7.70 0.00	62.83 -8.17 0.00	52.32 -6.89 0.00	38.45 -4.89 0.00	26.75 -3.25 0.00
SYNERGY___BIOGAS 323694	35.78 -2.11 0.64	34.39 -2.07 0.42	33.53 -2.07 0.00	31.85 -1.82 0.00	33.25 -1.73 0.43	39.23 -1.63 0.00	48.52 -2.44 0.03	126.45 -6.46 7.66	60.89 -2.92 6.96	34.91 -1.78 0.00	37.25 -2.07 0.00	33.79 -2.01 0.00	30.71 -1.67 0.00	26.52 -1.57 0.00	25.56 -1.57 0.00	26.73 -1.78 0.00	31.03 -2.23 0.00	34.56 -2.55 0.00	44.71 -2.93 0.00	68.88 -3.63 0.00	66.89 -4.11 0.00	55.56 -3.65 0.00	40.67 -2.67 0.00	28.20 -1.79 0.00
SYRACUSE___ENERGY_ST1 323597	37.57 -0.96 0.00	35.95 -0.94 0.00	34.68 -0.91 0.00	32.83 -0.84 0.00	34.58 -0.82 0.00	39.96 -0.90 0.00	49.85 -1.13 0.00	137.83 -2.74 0.00	69.25 -1.53 0.00	35.72 -0.96 0.00	38.31 -1.00 0.00	34.91 -0.89 0.00	31.57 -0.82 0.00	27.36 -0.73 0.00	26.39 -0.74 0.00	27.69 -0.82 0.00	32.27 -0.99 0.00	36.08 -1.02 0.00	46.43 -1.22 0.00	70.85 -1.67 0.00	69.24 -1.76 0.00	57.65 -1.57 0.00	42.16 -1.18 0.00	29.22 -0.77 0.00
SYRACUSE___ENERGY_ST2 323598	37.57 -0.96 0.00	35.95 -0.94 0.00	34.68 -0.91 0.00	32.83 -0.84 0.00	34.58 -0.82 0.00	39.96 -0.90 0.00	49.85 -1.13 0.00	137.83 -2.74 0.00	69.25 -1.53 0.00	35.72 -0.96 0.00	38.31 -1.00 0.00	34.91 -0.89 0.00	31.57 -0.82 0.00	27.36 -0.73 0.00	26.39 -0.74 0.00	27.69 -0.82 0.00	32.27 -0.99 0.00	36.08 -1.02 0.00	46.43 -1.22 0.00	70.85 -1.67 0.00	69.24 -1.76 0.00	57.65 -1.57 0.00	42.16 -1.18 0.00	29.22 -0.77 0.00
SYRACUSE___POWER 24017	37.56 -0.98 0.00	35.92 -0.97 0.00	34.67 -0.92 0.00	32.82 -0.85 0.00	34.56 -0.85 0.00	39.92 -0.94 0.00	49.81 -1.17 0.00	137.82 -2.76 0.00	69.23 -1.55 0.00	35.74 -0.94 0.00	38.34 -0.98 0.00	34.92 -0.88 0.00	31.58 -0.81 0.00	27.35 -0.73 0.00	26.39 -0.74 0.00	27.69 -0.82 0.00	32.26 -1.00 0.00	36.05 -1.05 0.00	46.41 -1.23 0.00	70.83 -1.68 0.00	69.24 -1.76 0.00	57.65 -1.57 0.00	42.17 -1.17 0.00	29.21 -0.78 0.00
TALLMAN___138KV_BK151 55660	39.51 0.98 0.00	37.81 0.92 0.00	36.43 0.84 0.00	34.44 0.76 0.00	36.11 0.71 0.00	41.73 0.87 0.00	52.27 1.29 0.00	144.71 4.13 0.00	72.67 1.89 0.00	37.82 1.14 0.00	40.42 1.10 0.00	36.71 0.91 0.00	33.19 0.81 0.00	28.91 0.83 0.00	28.00 0.87 0.00	29.54 1.03 0.00	34.41 1.15 0.00	38.27 1.16 0.00	48.83 1.19 0.00	74.22 1.71 0.00	72.80 1.80 0.00	60.81 1.60 0.00	44.61 1.27 0.00	30.84 0.84 0.00
TEALLAVE_115KV_TB7 355573	37.31 -1.22 0.00	35.70 -1.19 0.00	34.46 -1.13 0.00	32.62 -1.05 0.00	34.34 -1.06 0.00	39.67 -1.19 0.00	49.47 -1.51 0.00	136.83 -3.74 0.00	68.79 -1.99 0.00	35.54 -1.14 0.00	38.14 -1.17 0.00	34.76 -1.04 0.00	31.44 -0.94 0.00	27.24 -0.85 0.00	26.28 -0.85 0.00	27.56 -0.95 0.00	32.09 -1.16 0.00	35.85 -1.26 0.00	46.11 -1.53 0.00	70.33 -2.18 0.00	68.75 -2.25 0.00	57.25 -1.96 0.00	41.88 -1.46 0.00	29.04 -0.96 0.00
TELGRAPH_34_KV_EAST 80808	34.67 -3.04 0.83	33.41 -2.93 0.54	32.71 -2.89 0.01	31.08 -2.59 0.01	32.30 -2.55 0.55	38.28 -2.58 0.00	47.12 -3.82 0.04	120.07 -10.64 9.87	56.89 -4.92 8.97	34.19 -2.49 0.00	36.71 -2.61 0.00	33.35 -2.45 0.00	30.32 -2.07 0.00	26.20 -1.88 0.00	25.26 -1.86 0.00	26.44 -2.07 0.00	30.63 -2.63 0.00	33.99 -3.12 0.00	43.64 -4.00 0.00	66.95 -5.56 0.00	64.96 -6.04 0.00	54.01 -5.21 0.00	39.60 -3.74 0.00	27.49 -2.50 0.00
TEMPLE___115KV_TB 2 55572	37.33 -1.21 0.00	35.71 -1.18 0.00	34.47 -1.12 0.00	32.63 -1.04 0.00	34.35 -1.05 0.00	39.68 -1.19 0.00	49.48 -1.51 0.00	136.83 -3.74 0.00	68.81 -1.97 0.00	35.54 -1.14 0.00	38.17 -1.15 0.00	34.78 -1.02 0.00	31.45 -0.93 0.00	27.25 -0.84 0.00	26.28 -0.84 0.00	27.58 -0.93 0.00	32.11 -1.15 0.00	35.86 -1.25 0.00	46.12 -1.52 0.00	70.34 -2.17 0.00	68.75 -2.25 0.00	57.26 -1.96 0.00	41.88 -1.45 0.00	29.04 -0.95 0.00
TIANA____69_KV_BK 1 55817	41.30 2.77 0.00	39.70 2.82 0.00	38.29 2.70 0.00	36.06 2.39 0.00	37.19 1.78 0.00	42.08 1.22 0.00	51.71 0.73 0.00	141.64 1.06 0.00	71.20 0.43 0.00	37.65 0.97 0.00	40.67 1.35 0.00	36.81 1.01 0.00	33.10 0.72 0.00	28.84 0.75 0.00	27.78 0.65 0.00	29.55 1.04 0.00	34.92 1.67 0.00	38.79 1.69 0.00	49.37 1.73 0.00	73.58 1.07 0.00	72.66 1.66 0.00	61.86 2.65 0.00	45.93 2.59 0.00	32.18 2.18 0.00
TILDEN___115KV_TB1 80814	37.56 -0.98 0.00	35.92 -0.97 0.00	34.67 -0.92 0.00	32.82 -0.85 0.00	34.56 -0.85 0.00	39.92 -0.94 0.00	49.81 -1.17 0.00	137.82 -2.76 0.00	69.23 -1.55 0.00	35.74 -0.94 0.00	38.34 -0.98 0.00	34.92 -0.88 0.00	31.58 -0.81 0.00	27.35 -0.73 0.00	26.39 -0.74 0.00	27.69 -0.82 0.00	32.26 -1.00 0.00	36.05 -1.05 0.00	46.41 -1.23 0.00	70.83 -1.68 0.00	69.24 -1.76 0.00	57.65 -1.57 0.00	42.17 -1.17 0.00	29.21 -0.78 0.00

TRIGEN___CC 323695	40.31 1.77 0.00	38.61 1.72 0.00	37.17 1.58 0.00	35.11 1.44 0.00	36.66 1.25 0.00	42.17 1.31 0.00	52.54 1.56 0.00	144.99 4.41 0.00	72.96 2.19 0.00	38.22 1.53 0.00	40.95 1.64 0.00	37.16 1.36 0.00	33.55 1.16 0.00	29.23 1.14 0.00	28.29 1.16 0.00	29.93 1.42 0.00	34.94 1.68 0.00	38.78 1.67 0.00	49.40 1.76 0.00	74.75 2.23 0.00	73.47 2.47 0.00	61.72 2.50 0.00	45.44 2.10 0.00	31.50 1.51 0.00
TRINITY___115KV___4 BK 55933	39.78 1.25 0.00	38.10 1.22 0.00	36.75 1.16 0.00	34.76 1.08 0.00	36.52 1.12 0.00	42.12 1.26 0.00	52.66 1.67 0.00	145.22 4.64 0.00	72.81 2.03 0.00	37.69 1.01 0.00	40.34 1.02 0.00	36.75 0.95 0.00	33.24 0.86 0.00	28.84 0.76 0.00	27.88 0.75 0.00	29.34 0.83 0.00	34.24 0.98 0.00	38.20 1.09 0.00	49.00 1.36 0.00	74.40 1.89 0.00	73.05 2.05 0.00	61.02 1.81 0.00	44.73 1.39 0.00	31.03 1.04 0.00
UNION___PROCESSING_DRP 323587	36.41 -2.12 0.00	34.81 -2.07 0.00	33.55 -2.04 0.00	31.83 -1.85 0.00	33.57 -1.84 0.00	38.92 -1.94 0.00	48.29 -2.69 0.00	133.46 -7.12 0.00	67.39 -3.38 0.00	34.81 -1.87 0.00	37.37 -1.95 0.00	34.01 -1.79 0.00	30.78 -1.61 0.00	26.67 -1.41 0.00	25.74 -1.38 0.00	26.99 -1.52 0.00	31.33 -1.92 0.00	34.87 -2.24 0.00	44.82 -2.82 0.00	68.54 -3.98 0.00	66.71 -4.29 0.00	55.46 -3.76 0.00	40.60 -2.74 0.00	28.18 -1.82 0.00
UPPER HUDSON___HYD 24058	40.91 2.37 0.00	39.18 2.29 0.00	37.63 2.04 0.00	35.48 1.80 0.00	37.04 1.63 0.00	42.66 1.80 0.00	53.37 2.39 0.00	147.18 6.61 0.00	73.40 2.62 0.00	37.67 0.99 0.00	40.07 0.76 0.00	36.52 0.72 0.00	32.90 0.52 0.00	28.48 0.39 0.00	27.56 0.43 0.00	29.03 0.52 0.00	34.09 0.84 0.00	38.21 1.11 0.00	49.31 1.67 0.00	75.01 2.50 0.00	73.72 2.72 0.00	61.46 2.25 0.00	44.96 1.62 0.00	31.24 1.25 0.00
UPPER RAQUET___HYD 24056	39.49 0.95 0.00	37.80 0.92 0.00	36.49 0.90 0.00	34.49 0.82 0.00	36.11 0.71 0.00	41.65 0.79 0.00	51.71 0.73 0.00	142.28 1.71 0.00	71.97 1.19 0.00	37.22 0.54 0.00	39.77 0.46 0.00	36.08 0.28 0.00	32.67 0.28 0.00	28.21 0.13 0.00	27.25 0.12 0.00	28.72 0.21 0.00	33.77 0.51 0.00	37.85 0.74 0.00	49.03 1.39 0.00	74.78 2.27 0.00	72.95 1.95 0.00	60.72 1.51 0.00	44.15 0.81 0.00	30.32 0.32 0.00
VALLEY44_115KV_TB2 355964	36.80 -1.74 0.00	35.12 -1.76 0.00	33.98 -1.62 0.00	32.36 -1.31 0.00	33.99 -1.41 0.00	39.46 -1.40 0.00	48.94 -2.04 0.00	135.33 -5.24 0.00	68.43 -2.34 0.00	35.80 -0.89 0.00	38.59 -0.73 0.00	34.95 -0.85 0.00	31.56 -0.82 0.00	27.40 -0.68 0.00	26.51 -0.61 0.00	27.82 -0.69 0.00	32.05 -1.20 0.00	35.38 -1.72 0.00	45.21 -2.43 0.00	69.49 -3.03 0.00	67.55 -3.45 0.00	56.07 -3.15 0.00	41.26 -2.07 0.00	28.50 -1.49 0.00
VALLEY___115KV_TB 1-4 80826	38.81 0.28 0.00	37.01 0.13 0.00	35.67 0.08 0.00	33.65 -0.02 0.00	35.30 -0.10 0.00	40.78 -0.08 0.00	51.30 0.32 0.00	141.76 1.19 0.00	70.68 -0.09 0.00	36.17 -0.52 0.00	38.58 -0.74 0.00	35.12 -0.68 0.00	31.72 -0.67 0.00	27.53 -0.56 0.00	26.63 -0.49 0.00	28.07 -0.44 0.00	32.85 -0.41 0.00	36.95 -0.16 0.00	47.87 0.23 0.00	73.06 0.54 0.00	71.71 0.70 0.00	59.88 0.66 0.00	43.78 0.44 0.00	30.14 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.02 1.49 0.00	38.28 1.40 0.00	36.93 1.33 0.00	34.95 1.27 0.00	36.81 1.40 0.00	42.55 1.69 0.00	53.26 2.28 0.00	147.20 6.62 0.00	73.83 3.05 0.00	38.16 1.48 0.00	40.83 1.51 0.00	37.14 1.34 0.00	33.50 1.11 0.00	29.05 0.96 0.00	28.05 0.92 0.00	29.50 0.98 0.00	34.42 1.16 0.00	38.54 1.43 0.00	49.41 1.77 0.00	75.24 2.73 0.00	73.63 2.63 0.00	61.35 2.13 0.00	44.90 1.56 0.00	31.01 1.02 0.00
VISCHER___FERRY HYD 24020	39.84 1.31 0.00	38.16 1.27 0.00	36.78 1.19 0.00	34.78 1.11 0.00	36.51 1.11 0.00	42.12 1.26 0.00	52.69 1.71 0.00	145.18 4.60 0.00	72.71 1.93 0.00	37.56 0.88 0.00	40.17 0.85 0.00	36.60 0.80 0.00	33.09 0.70 0.00	28.69 0.61 0.00	27.75 0.63 0.00	29.20 0.68 0.00	34.11 0.85 0.00	38.09 0.98 0.00	48.96 1.32 0.00	74.31 1.80 0.00	73.08 2.08 0.00	61.02 1.81 0.00	44.73 1.39 0.00	31.06 1.06 0.00
V_A_10_SYNC_DSASP 323832	34.83 -3.07 0.63	33.49 -2.98 0.42	32.65 -2.94 0.00	31.01 -2.66 0.00	32.30 -2.69 0.42	37.97 -2.89 0.00	46.81 -4.14 0.03	121.70 -11.34 7.53	58.63 -5.30 6.84	34.01 -2.68 0.00	36.64 -2.68 0.00	33.35 -2.45 0.00	30.22 -2.16 0.00	26.21 -1.88 0.00	25.31 -1.82 0.00	26.51 -2.00 0.00	30.72 -2.54 0.00	33.99 -3.12 0.00	43.46 -4.18 0.00	66.41 -6.10 0.00	64.51 -6.50 0.00	53.62 -5.60 0.00	39.35 -3.99 0.00	27.35 -2.64 0.00
V_CMM_10_SYNC_DSASP 323787	39.36 0.82 0.00	37.69 0.80 0.00	36.39 0.79 0.00	34.42 0.74 0.00	36.20 0.80 0.00	41.82 0.96 0.00	52.01 1.03 0.00	142.76 2.19 0.00	72.30 1.52 0.00	37.56 0.88 0.00	40.26 0.94 0.00	36.60 0.80 0.00	33.12 0.74 0.00	28.68 0.59 0.00	27.67 0.55 0.00	29.13 0.61 0.00	34.09 0.83 0.00	38.04 0.93 0.00	48.90 1.26 0.00	74.37 1.86 0.00	72.66 1.66 0.00	60.58 1.37 0.00	44.23 0.89 0.00	30.51 0.51 0.00
V_CMP_10_SYNC_DSASP 323788	40.64 2.11 0.00	39.00 2.11 0.00	37.67 2.07 0.00	35.52 1.85 0.00	37.33 1.93 0.00	43.03 2.17 0.00	53.49 2.51 0.00	146.70 6.12 0.00	74.29 3.51 0.00	38.41 1.72 0.00	41.27 1.96 0.00	37.25 1.45 0.00	33.64 1.26 0.00	29.01 0.92 0.00	28.05 0.92 0.00	29.62 1.11 0.00	34.93 1.68 0.00	39.23 2.12 0.00	50.53 2.89 0.00	76.99 4.48 0.00	75.57 4.57 0.00	62.96 3.74 0.00	45.90 2.56 0.00	31.24 1.25 0.00
V_D_10_SYNC_DSASP 323841	39.69 1.16 0.00	38.01 1.12 0.00	36.69 1.09 0.00	34.70 1.02 0.00	36.48 1.07 0.00	42.14 1.28 0.00	52.25 1.27 0.00	143.45 2.87 0.00	72.63 1.86 0.00	37.70 1.01 0.00	40.36 1.05 0.00	36.68 0.88 0.00	33.20 0.81 0.00	28.74 0.65 0.00	27.73 0.61 0.00	29.21 0.70 0.00	34.21 0.95 0.00	38.19 1.08 0.00	49.17 1.53 0.00	74.82 2.30 0.00	73.06 2.06 0.00	60.90 1.68 0.00	44.43 1.09 0.00	30.63 0.63 0.00
V_E_10_SYNC_DSASP 323830	39.82 1.08 -0.21	38.02 1.00 -0.14	36.56 0.96 0.00	34.39 0.71 0.00	36.17 0.63 -0.14	41.43 0.57 0.00	52.47 1.47 -0.01	149.28 6.23 -2.47	75.73 2.71 -2.24	38.06 1.38 0.00	40.24 0.93 0.00	36.45 0.66 0.00	32.80 0.42 0.00	28.36 0.27 0.00	27.33 0.21 0.00	28.89 0.38 0.00	34.06 0.80 0.00	38.70 1.59 0.00	50.66 3.02 0.00	77.95 5.43 0.00	75.84 4.84 0.00	62.61 3.40 0.00	45.38 2.04 0.00	30.94 0.94 0.00
V_F_30_NSYNC___DSASP 323816	40.42 1.89 0.00	38.69 1.81 0.00	37.28 1.68 0.00	35.23 1.55 0.00	36.96 1.56 0.00	42.64 1.78 0.00	53.40 2.42 0.00	147.28 6.71 0.00	73.57 2.79 0.00	37.83 1.15 0.00	40.37 1.06 0.00	36.78 0.98 0.00	33.19 0.81 0.00	28.75 0.67 0.00	27.81 0.68 0.00	29.28 0.76 0.00	34.30 1.04 0.00	38.45 1.34 0.00	49.54 1.90 0.00	75.32 2.81 0.00	73.94 2.94 0.00	61.66 2.44 0.00	45.12 1.79 0.00	31.30 1.31 0.00



V_F_30_SYNC_DSASP 323786	39.91 1.38 0.00	38.21 1.33 0.00	36.86 1.26 0.00	34.86 1.19 0.00	36.65 1.24 0.00	42.27 1.41 0.00	52.85 1.87 0.00	145.85 5.27 0.00	73.11 2.33 0.00	37.84 1.16 0.00	40.48 1.17 0.00	36.87 1.07 0.00	33.35 0.97 0.00	28.93 0.84 0.00	27.98 0.85 0.00	29.44 0.93 0.00	34.37 1.12 0.00	38.35 1.24 0.00	49.22 1.58 0.00	74.76 2.25 0.00	73.34 2.34 0.00	61.26 2.05 0.00	44.89 1.55 0.00	31.13 1.14 0.00
V_XM_10_SYNC_DSASP 323789	40.64 2.11 0.00	39.00 2.11 0.00	37.67 2.07 0.00	35.52 1.85 0.00	37.33 1.93 0.00	43.03 2.17 0.00	53.49 2.51 0.00	146.70 6.12 0.00	74.29 3.51 0.00	38.41 1.72 0.00	41.27 1.96 0.00	37.25 1.45 0.00	33.64 1.26 0.00	29.01 0.92 0.00	28.05 0.92 0.00	29.62 1.11 0.00	34.93 1.68 0.00	39.23 2.12 0.00	50.53 2.89 0.00	76.99 4.48 0.00	75.57 4.57 0.00	62.96 3.74 0.00	45.90 2.56 0.00	31.24 1.25 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.68 1.14 0.00	37.97 1.08 0.00	36.59 0.99 0.00	34.58 0.90 0.00	36.26 0.86 0.00	41.92 1.06 0.00	52.49 1.51 0.00	145.35 4.78 0.00	72.98 2.21 0.00	37.99 1.31 0.00	40.59 1.28 0.00	36.87 1.07 0.00	33.34 0.95 0.00	29.03 0.95 0.00	28.12 0.99 0.00	29.67 1.16 0.00	34.57 1.31 0.00	38.46 1.35 0.00	49.07 1.43 0.00	74.59 2.07 0.00	73.16 2.16 0.00	61.09 1.88 0.00	44.81 1.47 0.00	30.98 0.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.86 1.33 0.00	38.19 1.30 0.00	36.75 1.16 0.00	34.76 1.08 0.00	36.47 1.07 0.00	42.13 1.27 0.00	52.72 1.74 0.00	146.31 5.73 0.00	73.44 2.66 0.00	38.38 1.70 0.00	41.06 1.74 0.00	37.30 1.50 0.00	33.72 1.34 0.00	29.37 1.29 0.00	28.45 1.33 0.00	30.08 1.57 0.00	34.95 1.69 0.00	38.78 1.67 0.00	49.37 1.73 0.00	74.99 2.48 0.00	73.41 2.41 0.00	61.36 2.15 0.00	45.06 1.73 0.00	31.20 1.21 0.00
W50THST__13_KV_LOAD 356117	39.97 1.43 0.00	38.30 1.41 0.00	36.86 1.26 0.00	34.87 1.20 0.00	36.60 1.19 0.00	42.26 1.40 0.00	52.92 1.94 0.00	146.94 6.36 0.00	73.79 3.01 0.00	38.59 1.90 0.00	41.30 1.99 0.00	37.54 1.74 0.00	33.93 1.55 0.00	29.57 1.48 0.00	28.64 1.51 0.00	30.27 1.76 0.00	35.18 1.92 0.00	39.01 1.90 0.00	49.61 1.97 0.00	75.28 2.76 0.00	73.65 2.65 0.00	61.55 2.33 0.00	45.20 1.86 0.00	31.30 1.30 0.00
WADING RIVER_IC_1 23522	40.99 2.46 0.00	39.33 2.44 0.00	37.91 2.32 0.00	35.77 2.09 0.00	37.03 1.62 0.00	41.99 1.13 0.00	51.46 0.48 0.00	140.66 0.09 0.00	70.73 -0.05 0.00	37.60 0.91 0.00	40.76 1.44 0.00	36.89 1.10 0.00	33.21 0.82 0.00	28.92 0.83 0.00	27.81 0.69 0.00	29.56 1.05 0.00	34.92 1.67 0.00	38.82 1.72 0.00	49.41 1.77 0.00	73.29 0.78 0.00	72.45 1.45 0.00	61.68 2.46 0.00	45.68 2.34 0.00	32.02 2.03 0.00
WADING RIVER_IC_2 23547	40.99 2.46 0.00	39.33 2.44 0.00	37.91 2.32 0.00	35.77 2.09 0.00	37.03 1.62 0.00	41.99 1.13 0.00	51.46 0.48 0.00	140.66 0.09 0.00	70.73 -0.05 0.00	37.60 0.91 0.00	40.76 1.44 0.00	36.89 1.10 0.00	33.21 0.82 0.00	28.92 0.83 0.00	27.81 0.69 0.00	29.56 1.05 0.00	34.92 1.67 0.00	38.82 1.72 0.00	49.41 1.77 0.00	73.29 0.78 0.00	72.45 1.45 0.00	61.68 2.46 0.00	45.68 2.34 0.00	32.02 2.03 0.00
WADING RIVER_IC_3 23601	40.99 2.46 0.00	39.33 2.44 0.00	37.91 2.32 0.00	35.77 2.09 0.00	37.03 1.62 0.00	41.99 1.13 0.00	51.46 0.48 0.00	140.66 0.09 0.00	70.73 -0.05 0.00	37.60 0.91 0.00	40.76 1.44 0.00	36.89 1.10 0.00	33.21 0.82 0.00	28.92 0.83 0.00	27.81 0.69 0.00	29.56 1.05 0.00	34.92 1.67 0.00	38.82 1.72 0.00	49.41 1.77 0.00	73.29 0.78 0.00	72.45 1.45 0.00	61.68 2.46 0.00	45.68 2.34 0.00	32.02 2.03 0.00
WALDENNY_12_KV_BK2 80841	35.16 -2.67 0.70	33.79 -2.64 0.46	33.04 -2.55 0.00	31.41 -2.26 0.00	32.71 -2.23 0.47	38.68 -2.18 0.00	47.65 -3.30 0.03	122.84 -9.26 8.48	58.83 -4.21 7.74	34.79 -1.89 0.00	37.51 -1.81 0.00	34.06 -1.74 0.00	30.86 -1.53 0.00	26.74 -1.34 0.00	25.82 -1.30 0.00	27.06 -1.46 0.00	31.34 -1.91 0.00	34.70 -2.40 0.00	44.31 -3.33 0.00	67.76 -4.76 0.00	65.74 -5.26 0.00	54.59 -4.63 0.00	40.03 -3.31 0.00	27.75 -2.25 0.00
WALDEN__HYDRO 24148	39.71 1.17 0.00	37.99 1.10 0.00	36.62 1.03 0.00	34.62 0.94 0.00	36.33 0.93 0.00	41.97 1.11 0.00	52.57 1.59 0.00	145.57 4.99 0.00	73.02 2.25 0.00	37.93 1.24 0.00	40.47 1.16 0.00	36.76 0.96 0.00	33.24 0.85 0.00	28.94 0.85 0.00	28.02 0.89 0.00	29.53 1.02 0.00	34.41 1.15 0.00	38.31 1.21 0.00	49.04 1.40 0.00	74.61 2.10 0.00	73.17 2.17 0.00	61.09 1.87 0.00	44.78 1.45 0.00	30.97 0.98 0.00
WARRENSBURG____ 23737	40.91 2.38 0.00	39.18 2.29 0.00	37.63 2.04 0.00	35.48 1.80 0.00	37.04 1.63 0.00	42.66 1.80 0.00	53.37 2.39 0.00	147.19 6.62 0.00	73.40 2.62 0.00	37.68 0.99 0.00	40.07 0.76 0.00	36.52 0.72 0.00	32.90 0.52 0.00	28.48 0.39 0.00	27.56 0.43 0.00	29.03 0.52 0.00	34.10 0.84 0.00	38.21 1.10 0.00	49.31 1.67 0.00	75.01 2.50 0.00	73.72 2.73 0.00	61.46 2.25 0.00	44.96 1.63 0.00	31.24 1.25 0.00
WATERSIDE____6 8 9 23538	36.28 1.50 3.75	34.21 1.47 4.14	32.33 1.30 4.56	29.94 1.26 4.99	32.02 1.24 4.62	38.77 1.40 3.49	51.12 1.91 1.76	146.71 6.13 0.00	70.68 2.92 3.02	33.01 1.87 5.54	37.22 1.92 4.01	32.88 1.70 4.62	30.21 1.50 3.68	23.49 1.44 6.03	24.29 1.47 4.31	26.13 1.71 4.10	30.80 1.87 4.33	34.14 1.82 4.78	45.95 1.88 3.58	74.24 2.72 0.99	70.35 2.68 3.34	58.34 2.38 3.26	42.08 1.93 3.19	25.20 1.35 6.14
WATKINRD_115KV_LN8_ILLION 55919	38.80 0.27 0.00	37.07 0.19 0.00	35.75 0.15 0.00	33.76 0.09 0.00	35.45 0.04 0.00	40.95 0.09 0.00	51.38 0.40 0.00	141.86 1.28 0.00	70.94 0.16 0.00	36.43 -0.25 0.00	38.91 -0.40 0.00	35.45 -0.35 0.00	32.03 -0.35 0.00	27.79 -0.29 0.00	26.87 -0.25 0.00	28.30 -0.22 0.00	33.08 -0.18 0.00	37.12 0.01 0.00	47.91 0.27 0.00	73.03 0.51 0.00	71.64 0.65 0.00	59.81 0.59 0.00	43.75 0.41 0.00	30.18 0.19 0.00
WATSON____69_KV_BK 1 55734	41.13 2.60 0.00	39.39 2.50 0.00	37.93 2.34 0.00	35.83 2.15 0.00	37.23 1.82 0.00	42.64 1.78 0.00	52.88 1.90 0.00	145.41 4.84 0.00	73.26 2.48 0.00	38.47 1.79 0.00	41.28 1.97 0.00	37.35 1.54 0.00	33.63 1.24 0.00	29.29 1.21 0.00	28.31 1.18 0.00	30.06 1.54 0.00	35.26 2.00 0.00	39.20 2.10 0.00	49.99 2.35 0.00	75.29 2.78 0.00	74.17 3.18 0.00	62.63 3.42 0.00	46.21 2.88 0.00	32.14 2.15 0.00
WDELAWARE__HYD 323627	40.17 1.64 0.00	38.41 1.53 0.00	37.04 1.44 0.00	35.02 1.34 0.00	36.78 1.37 0.00	42.53 1.67 0.00	53.33 2.35 0.00	147.64 7.06 0.00	74.06 3.28 0.00	38.35 1.67 0.00	40.84 1.53 0.00	37.04 1.24 0.00	33.46 1.08 0.00	29.07 0.99 0.00	28.13 1.00 0.00	29.65 1.13 0.00	34.62 1.36 0.00	38.68 1.57 0.00	49.64 2.01 0.00	75.67 3.16 0.00	74.17 3.17 0.00	61.90 2.68 0.00	45.31 1.97 0.00	31.31 1.32 0.00

WEST BABYLON___IC 23714	40.95 2.41 0.00	39.21 2.33 0.00	37.77 2.17 0.00	35.66 1.99 0.00	37.10 1.69 0.00	42.57 1.71 0.00	52.87 1.89 0.00	145.57 5.00 0.00	73.32 2.55 0.00	38.41 1.72 0.00	41.16 1.85 0.00	37.23 1.43 0.00	33.52 1.14 0.00	29.20 1.12 0.00	28.24 1.11 0.00	29.96 1.45 0.00	35.11 1.85 0.00	39.02 1.91 0.00	49.76 2.12 0.00	75.12 2.61 0.00	74.02 3.02 0.00	62.51 3.29 0.00	46.09 2.75 0.00	32.00 2.01 0.00
WEST CANADA___HYD 24049	38.66 0.12 0.00	36.99 0.11 0.00	35.68 0.08 0.00	33.74 0.07 0.00	35.44 0.04 0.00	40.91 0.05 0.00	51.15 0.17 0.00	141.26 0.69 0.00	71.00 0.22 0.00	36.75 0.06 0.00	39.36 0.05 0.00	35.86 0.06 0.00	32.42 0.03 0.00	28.12 0.04 0.00	27.18 0.05 0.00	28.56 0.05 0.00	33.32 0.07 0.00	37.21 0.11 0.00	47.80 0.16 0.00	72.78 0.27 0.00	71.31 0.31 0.00	59.48 0.27 0.00	43.56 0.22 0.00	30.13 0.13 0.00
WESTERN_NY_WIND 24143	35.66 -2.19 0.69	34.28 -2.15 0.45	33.47 -2.12 0.00	31.79 -1.88 0.00	33.15 -1.80 0.46	39.17 -1.69 0.00	48.43 -2.52 0.03	125.61 -6.77 8.20	60.24 -3.08 7.45	34.85 -1.83 0.00	37.20 -2.11 0.00	33.75 -2.05 0.00	30.68 -1.70 0.00	26.47 -1.61 0.00	25.51 -1.61 0.00	26.69 -1.82 0.00	30.96 -2.29 0.00	34.51 -2.59 0.00	44.64 -3.01 0.00	68.77 -3.74 0.00	66.76 -4.24 0.00	55.48 -3.74 0.00	40.59 -2.75 0.00	28.15 -1.84 0.00
WESTOVER___LESR 323668	37.76 -0.78 0.00	36.08 -0.81 0.00	34.85 -0.75 0.00	33.04 -0.63 0.00	34.77 -0.64 0.00	40.28 -0.58 0.00	50.24 -0.74 0.00	139.01 -1.57 0.00	69.84 -0.94 0.00	36.16 -0.52 0.00	38.78 -0.53 0.00	35.23 -0.57 0.00	31.84 -0.55 0.00	27.60 -0.48 0.00	26.69 -0.44 0.00	28.03 -0.49 0.00	32.64 -0.61 0.00	36.39 -0.72 0.00	46.73 -0.91 0.00	71.44 -1.07 0.00	69.79 -1.21 0.00	58.08 -1.13 0.00	42.54 -0.80 0.00	29.38 -0.62 0.00
WETHRSFD_WT_PWR 323626	27.69 -4.37 6.47	28.53 -4.09 4.26	31.64 -3.92 0.04	30.05 -3.58 0.04	27.47 -3.61 4.32	37.27 -3.59 0.00	46.08 -4.59 0.31	52.46 -11.57 76.54	-4.04 -5.45 69.36	33.90 -2.79 0.00	36.38 -2.93 0.00	33.06 -2.74 0.00	29.90 -2.49 0.00	25.82 -2.26 0.00	24.94 -2.19 0.00	26.06 -2.46 0.00	30.19 -3.07 0.00	33.69 -3.42 0.00	43.86 -3.78 0.00	67.88 -4.63 0.00	65.78 -5.22 0.00	54.41 -4.80 0.00	39.65 -3.69 0.00	27.16 -2.83 0.00
WHAVSTOR_138KV_BK127 55557	39.52 0.99 0.00	37.83 0.94 0.00	36.45 0.85 0.00	34.45 0.78 0.00	36.13 0.73 0.00	41.73 0.87 0.00	52.26 1.28 0.00	144.70 4.13 0.00	72.65 1.87 0.00	37.82 1.14 0.00	40.42 1.10 0.00	36.72 0.92 0.00	33.20 0.82 0.00	28.92 0.83 0.00	28.00 0.88 0.00	29.55 1.04 0.00	34.41 1.15 0.00	38.27 1.16 0.00	48.82 1.18 0.00	74.21 1.70 0.00	72.79 1.79 0.00	60.81 1.59 0.00	44.61 1.28 0.00	30.86 0.86 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.52 0.99 0.00	37.83 0.94 0.00	36.45 0.85 0.00	34.45 0.78 0.00	36.13 0.73 0.00	41.73 0.87 0.00	52.26 1.28 0.00	144.70 4.13 0.00	72.65 1.87 0.00	37.82 1.14 0.00	40.42 1.10 0.00	36.72 0.92 0.00	33.20 0.82 0.00	28.92 0.83 0.00	28.00 0.88 0.00	29.55 1.04 0.00	34.41 1.15 0.00	38.27 1.16 0.00	48.82 1.18 0.00	74.21 1.70 0.00	72.79 1.79 0.00	60.81 1.59 0.00	44.61 1.28 0.00	30.86 0.86 0.00
WHITEHAL_115KV_TB1 80871	41.68 3.15 0.00	39.92 3.03 0.00	38.47 2.87 0.00	36.47 2.79 0.00	38.23 2.82 0.00	44.11 3.25 0.00	55.18 4.20 0.00	151.78 11.20 0.00	75.29 4.52 0.00	38.45 1.77 0.00	41.04 1.72 0.00	37.49 1.69 0.00	33.76 1.38 0.00	29.07 0.99 0.00	28.22 1.10 0.00	29.72 1.20 0.00	35.02 1.76 0.00	38.99 1.88 0.00	50.41 2.77 0.00	76.49 3.98 0.00	75.82 4.82 0.00	63.01 3.80 0.00	46.24 2.91 0.00	32.22 2.23 0.00
WHITEPLN_13_KV_LOAD 356215	40.24 1.71 0.00	38.52 1.63 0.00	37.09 1.50 0.00	35.07 1.39 0.00	36.78 1.38 0.00	42.50 1.64 0.00	53.25 2.27 0.00	147.57 6.99 0.00	74.10 3.33 0.00	38.60 1.92 0.00	41.28 1.96 0.00	37.50 1.69 0.00	33.88 1.50 0.00	29.50 1.42 0.00	28.56 1.44 0.00	30.16 1.65 0.00	35.13 1.87 0.00	39.04 1.94 0.00	49.83 2.19 0.00	75.74 3.22 0.00	74.17 3.17 0.00	61.96 2.75 0.00	45.37 2.03 0.00	31.37 1.38 0.00
WM_FLOYD_69_KV_BK2 356380	40.97 2.43 0.00	39.30 2.42 0.00	37.87 2.28 0.00	35.75 2.07 0.00	37.04 1.63 0.00	42.15 1.29 0.00	51.88 0.91 0.00	142.30 1.73 0.00	71.59 0.81 0.00	37.82 1.13 0.00	40.80 1.48 0.00	36.93 1.13 0.00	33.24 0.86 0.00	28.95 0.87 0.00	27.93 0.80 0.00	29.67 1.16 0.00	34.96 1.71 0.00	38.87 1.76 0.00	49.49 1.85 0.00	73.94 1.43 0.00	72.94 1.94 0.00	61.88 2.66 0.00	45.80 2.46 0.00	32.03 2.04 0.00
WOODARD___115KV_TB2 355635	37.30 -1.23 0.00	35.69 -1.20 0.00	34.45 -1.15 0.00	32.61 -1.06 0.00	34.33 -1.08 0.00	39.64 -1.22 0.00	49.42 -1.56 0.00	136.67 -3.91 0.00	68.71 -2.07 0.00	35.51 -1.18 0.00	38.11 -1.21 0.00	34.73 -1.07 0.00	31.41 -0.97 0.00	27.21 -0.87 0.00	26.25 -0.88 0.00	27.54 -0.97 0.00	32.07 -1.18 0.00	35.83 -1.28 0.00	46.08 -1.56 0.00	70.29 -2.22 0.00	68.70 -2.30 0.00	57.22 -1.99 0.00	41.86 -1.48 0.00	29.03 -0.97 0.00
YORK___WARBASSE 23770	59.02 1.78 -18.70	58.69 1.73 -20.08	58.10 1.53 -20.97	58.07 1.48 -22.93	58.09 1.47 -21.21	58.59 1.71 -16.02	61.36 2.28 -8.10	147.68 7.10 0.00	88.08 3.44 -13.86	64.28 2.16 -25.43	59.97 2.23 -18.43	59.03 1.99 -21.24	58.92 1.74 -24.79	71.79 1.65 -42.07	58.89 1.67 -30.10	58.93 1.89 -28.53	63.95 2.11 -28.59	63.89 2.11 -24.67	66.29 2.24 -16.41	80.22 3.17 -4.53	89.45 3.15 -15.31	79.53 2.84 -17.47	60.23 2.27 -14.62	59.75 1.57 -28.18