



ALBANY___2 23572	56.54 2.07 0.00	51.93 1.80 0.00	49.95 1.74 0.00	48.57 1.91 0.00	49.55 1.86 0.00	56.88 2.24 0.00	54.05 2.23 0.00	50.25 1.89 0.00	45.72 1.67 0.00	42.03 1.54 0.00	41.64 1.56 0.00	41.25 1.55 0.00	39.66 1.49 0.00	39.17 1.51 0.00	38.60 1.52 0.00	41.76 1.64 0.00	50.61 2.09 0.00	71.96 2.48 -7.59	80.84 2.70 -8.82	75.12 2.41 -10.84	59.65 2.27 -3.24	51.59 1.98 0.00	49.61 1.91 0.00
ALBANY___3 23573	56.54 2.07 0.00	51.93 1.80 0.00	49.95 1.74 0.00	48.57 1.91 0.00	49.55 1.86 0.00	56.88 2.24 0.00	54.05 2.23 0.00	50.25 1.89 0.00	45.72 1.67 0.00	42.03 1.54 0.00	41.64 1.56 0.00	41.25 1.55 0.00	39.66 1.49 0.00	39.17 1.51 0.00	38.60 1.52 0.00	41.76 1.64 0.00	50.61 2.09 0.00	71.96 2.48 -7.59	80.84 2.70 -8.82	75.12 2.41 -10.84	59.65 2.27 -3.24	51.59 1.98 0.00	49.61 1.91 0.00
ALBANY___4 23574	56.54 2.07 0.00	51.93 1.80 0.00	49.95 1.74 0.00	48.57 1.91 0.00	49.55 1.86 0.00	56.88 2.24 0.00	54.05 2.23 0.00	50.25 1.89 0.00	45.72 1.67 0.00	42.03 1.54 0.00	41.64 1.56 0.00	41.25 1.55 0.00	39.66 1.49 0.00	39.17 1.51 0.00	38.60 1.52 0.00	41.76 1.64 0.00	50.61 2.09 0.00	71.96 2.48 -7.59	80.84 2.70 -8.82	75.12 2.41 -10.84	59.65 2.27 -3.24	51.59 1.98 0.00	49.61 1.91 0.00
ALBANY___LFGE 323615	56.76 2.29 0.00	52.14 2.01 0.00	50.19 1.98 0.00	48.80 2.15 0.00	49.78 2.10 0.00	57.15 2.51 0.00	54.31 2.49 0.00	50.49 2.13 0.00	45.90 1.85 0.00	42.23 1.74 0.00	41.80 1.72 0.00	41.45 1.75 0.00	39.84 1.68 0.00	39.40 1.73 0.00	38.83 1.74 0.00	42.01 1.89 0.00	50.85 2.33 0.00	75.16 2.85 -10.42	84.54 3.12 -12.11	79.46 2.72 -14.88	61.13 2.54 -4.45	51.84 2.23 0.00	49.85 2.15 0.00
ALCOA_PA_115KV_PL-6C 55860	55.29 0.82 0.00	50.93 0.80 0.00	49.22 1.01 0.00	47.12 0.47 0.00	48.26 0.57 0.00	55.35 0.71 0.00	52.45 0.62 0.00	48.94 0.58 0.00	44.45 0.40 0.00	40.86 0.36 0.00	40.48 0.40 0.00	40.10 0.40 0.00	38.51 0.34 0.00	37.93 0.26 0.00	37.27 0.19 0.00	40.40 0.28 0.00	48.96 0.44 0.00	62.63 0.74 0.00	70.35 1.04 0.00	62.86 0.99 0.00	54.94 0.81 0.00	50.55 0.94 0.00	48.46 0.76 0.00
ALCOA_RYNLDS___DRP 24188	55.29 0.82 0.00	50.93 0.80 0.00	49.22 1.01 0.00	47.12 0.47 0.00	48.26 0.57 0.00	55.35 0.71 0.00	52.45 0.62 0.00	48.94 0.58 0.00	44.45 0.40 0.00	40.86 0.36 0.00	40.48 0.40 0.00	40.10 0.40 0.00	38.51 0.34 0.00	37.93 0.26 0.00	37.27 0.19 0.00	40.40 0.28 0.00	48.96 0.44 0.00	62.63 0.74 0.00	70.35 1.04 0.00	62.86 0.99 0.00	54.94 0.81 0.00	50.55 0.94 0.00	48.46 0.76 0.00
ALCOA___DSASP 323711	55.29 0.82 0.00	50.93 0.80 0.00	49.23 1.01 0.00	47.12 0.47 0.00	48.26 0.57 0.00	55.34 0.71 0.00	52.40 0.57 0.00	48.95 0.58 0.00	44.45 0.40 0.00	40.90 0.40 0.00	40.44 0.36 0.00	40.10 0.40 0.00	38.51 0.34 0.00	37.93 0.27 0.00	37.27 0.19 0.00	40.40 0.28 0.00	48.96 0.44 0.00	62.64 0.75 0.00	70.35 1.04 0.00	62.86 0.99 0.00	54.94 0.81 0.00	50.55 0.94 0.00	48.46 0.76 0.00
ALLEGHENY___COGEN 23514	54.37 -0.11 0.00	50.63 0.50 0.00	47.97 -0.24 0.00	46.80 0.14 0.00	47.93 0.24 0.00	53.92 -0.71 0.00	50.22 -1.61 0.00	46.53 -1.84 0.00	42.24 -1.81 0.00	38.43 -2.06 0.00	37.87 -2.20 0.00	37.36 -2.34 0.00	35.72 -2.44 0.00	35.22 -2.45 0.00	34.75 -2.34 0.00	37.67 -2.45 0.00	45.81 -2.72 0.00	59.48 -2.41 0.00	67.79 -1.53 0.00	60.76 -1.11 0.00	52.51 -1.62 0.00	48.52 -1.09 0.00	47.22 -0.48 0.00
ALTAMONT_115KV_TB 2 55880	56.11 1.63 0.00	51.58 1.45 0.00	49.61 1.40 0.00	48.20 1.54 0.00	49.21 1.53 0.00	56.44 1.80 0.00	53.64 1.81 0.00	49.86 1.50 0.00	45.37 1.32 0.00	41.71 1.21 0.00	41.28 1.20 0.00	40.90 1.19 0.00	39.31 1.15 0.00	38.83 1.17 0.00	38.27 1.19 0.00	41.44 1.32 0.00	50.22 1.70 0.00	70.22 2.04 -6.28	78.83 2.22 -7.30	72.81 1.98 -8.96	58.65 1.84 -2.68	51.20 1.59 0.00	49.23 1.53 0.00
ALTONA_WT_PWR 323606	54.15 -0.32 0.00	49.93 -0.20 0.00	50.43 2.22 0.00	46.28 -0.37 0.00	47.74 0.05 0.00	55.13 0.49 0.00	52.40 0.57 0.00	49.04 0.68 0.00	44.67 0.62 0.00	41.18 0.69 0.00	40.76 0.68 0.00	40.30 0.60 0.00	38.55 0.38 0.00	37.82 0.15 0.00	37.05 -0.04 0.00	40.08 -0.04 0.00	48.53 0.00 0.00	62.20 0.31 0.00	70.21 0.90 0.00	62.86 0.99 0.00	55.05 0.92 0.00	50.75 1.14 0.00	48.80 1.10 0.00
AMERICAN_REF_FUEL 24010	50.28 -4.19 0.00	47.17 -2.96 0.00	44.31 -3.90 0.00	43.11 -3.55 0.00	44.06 -3.63 0.00	49.28 -5.35 0.00	45.81 -6.01 0.00	43.19 -5.17 0.00	40.04 -4.01 0.00	36.85 -3.64 0.00	36.39 -3.69 0.00	35.97 -3.73 0.00	34.62 -3.55 0.00	33.90 -3.77 0.00	33.45 -3.63 0.00	35.87 -4.25 0.00	42.90 -5.63 0.00	54.65 -7.24 0.00	60.78 -8.53 0.00	54.38 -7.49 0.00	47.10 -7.04 0.00	44.00 -5.61 0.00	43.60 -4.10 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	51.81 -2.67 0.00	48.17 -1.96 0.00	46.23 -1.98 0.00	43.95 -2.71 0.00	45.02 -2.67 0.00	50.65 -3.99 0.00	47.47 -4.35 0.00	44.79 -3.58 0.00	41.54 -2.51 0.00	38.34 -2.15 0.00	37.79 -2.28 0.00	37.21 -2.50 0.00	35.61 -2.56 0.00	34.80 -2.86 0.00	34.30 -2.78 0.00	36.87 -3.25 0.00	44.21 -4.32 0.00	56.69 -5.20 0.00	63.76 -5.55 0.00	57.16 -4.70 0.00	49.37 -4.76 0.00	45.79 -3.82 0.00	44.98 -2.72 0.00
ARTHUR KILL_GT_1 23520	59.01 2.45 -2.08	58.17 2.06 -5.99	58.22 2.17 -7.83	57.46 2.33 -8.47	57.46 2.29 -7.48	58.23 2.89 -0.70	59.05 2.64 -4.59	59.94 2.32 -9.26	59.93 2.11 -13.77	58.98 1.66 -16.83	58.98 2.04 -16.86	58.98 2.02 -17.25	59.08 2.17 -18.74	59.72 3.99 -18.07	59.76 4.12 -18.56	59.73 4.41 -15.20	62.43 3.30 -10.60	68.78 3.34 -3.54	75.12 3.88 -1.93	68.77 3.28 -3.63	62.50 5.90 -2.46	59.00 3.03 -6.37	58.21 2.67 -7.84
ARTHUR_KILL_2 23512	58.90 2.34 -2.08	58.07 1.95 -5.99	58.07 2.02 -7.83	57.32 2.19 -8.47	57.32 2.15 -7.48	58.07 2.73 -0.70	58.90 2.49 -4.59	59.80 2.18 -9.26	59.80 1.98 -13.77	58.90 1.58 -16.83	58.90 1.96 -16.86	58.90 1.95 -17.25	58.96 2.06 -18.74	59.65 3.92 -18.07	59.65 4.01 -18.56	59.65 4.33 -15.20	62.28 3.15 -10.60	68.59 3.15 -3.54	74.91 3.67 -1.93	68.59 3.09 -3.63	62.33 5.74 -2.46	58.90 2.93 -6.37	58.07 2.53 -7.84
ARTHUR_KILL_3 23513	58.51 1.96 -2.08	57.66 1.56 -5.98	57.63 1.59 -7.83	56.94 1.82 -8.46	56.98 1.81 -7.48	57.79 2.46 -0.70	59.15 2.74 -4.58	59.95 2.32 -9.27	59.94 2.11 -13.77	59.31 1.98 -16.84	58.67 1.72 -16.87	58.67 1.71 -17.26	58.59 1.68 -18.75	57.29 1.54 -18.08	57.28 1.63 -18.57	57.09 1.76 -15.20	61.61 2.47 -10.61	68.48 3.03 -3.55	74.64 3.40 -1.93	68.41 2.91 -3.64	59.02 2.44 -2.46	58.00 2.03 -6.36	57.39 1.86 -7.83

ARTHUR_KILL_COGEN 323718	59.01 2.45 -2.08	58.17 2.06 -5.99	58.22 2.17 -7.83	57.46 2.33 -8.47	57.46 2.29 -7.48	58.23 2.89 -0.70	59.05 2.64 -4.59	59.94 2.32 -9.26	59.93 2.11 -13.77	58.98 1.66 -16.83	58.98 2.04 -16.86	58.98 2.02 -17.25	59.08 2.17 -18.74	59.72 3.99 -18.07	59.76 4.12 -18.56	59.73 4.41 -15.20	62.43 3.30 -10.60	68.78 3.34 -3.54	75.12 3.88 -1.93	68.77 3.28 -3.63	62.50 5.90 -2.46	59.00 3.03 -6.37	58.21 2.67 -7.84
ASHOKAN____ 23654	58.34 3.87 0.00	53.59 3.46 0.00	51.44 3.23 0.00	50.11 3.45 0.00	51.02 3.34 0.00	58.57 3.94 0.00	55.24 3.42 0.00	51.17 2.80 0.00	46.21 2.16 0.00	42.23 1.74 0.00	41.72 1.64 0.00	41.18 1.47 0.00	39.50 1.34 0.00	39.09 1.43 0.00	38.68 1.59 0.00	42.05 1.93 0.00	51.44 2.91 0.00	67.22 1.05 -4.27	75.66 1.39 -4.97	69.14 1.17 -6.10	57.04 1.08 -1.82	52.93 3.32 0.00	50.99 3.29 0.00
ASTORIA_EAST_ENERGY_CC1 323581	56.54 2.07 0.00	51.73 1.60 0.00	49.94 1.73 0.00	48.52 1.87 0.00	49.45 1.77 0.00	56.92 2.29 0.01	54.30 2.49 0.01	50.53 2.18 0.01	46.07 2.03 0.01	42.31 1.82 0.01	41.83 1.76 0.01	41.44 1.75 0.01	40.03 1.87 0.01	39.99 2.34 0.01	39.52 2.45 0.01	42.60 2.49 0.01	51.18 2.67 0.01	66.44 3.03 -1.52	74.47 3.40 -1.77	66.89 2.85 -2.17	57.91 3.14 -0.64	51.89 2.28 0.00	49.90 2.20 0.00
ASTORIA_EAST_ENERGY_CC2 323582	56.54 2.07 0.00	51.73 1.60 0.00	49.94 1.73 0.00	48.52 1.87 0.00	49.45 1.77 0.00	56.92 2.29 0.01	54.30 2.49 0.01	50.53 2.18 0.01	46.07 2.03 0.01	42.31 1.82 0.01	41.83 1.76 0.01	41.44 1.75 0.01	40.03 1.87 0.01	39.99 2.34 0.01	39.52 2.45 0.01	42.60 2.49 0.01	51.18 2.67 0.01	66.44 3.03 -1.52	74.47 3.40 -1.77	66.89 2.85 -2.17	57.91 3.14 -0.64	51.89 2.28 0.00	49.90 2.20 0.00
ASTORIA_GT2_1 24094	56.71 2.23 0.00	51.83 1.70 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.55 1.86 0.00	57.04 2.40 0.00	54.42 2.59 0.00	50.69 2.32 0.00	46.17 2.11 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.12 2.04 0.00	42.21 2.09 0.00	51.24 2.72 0.00	66.45 3.03 -1.53	74.55 3.47 -1.78	66.96 2.91 -2.18	57.44 2.65 -0.65	51.89 2.28 0.00	49.94 2.24 0.00
ASTORIA_GT2_2 24095	56.71 2.23 0.00	51.83 1.70 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.55 1.86 0.00	57.04 2.40 0.00	54.42 2.59 0.00	50.69 2.32 0.00	46.17 2.11 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.12 2.04 0.00	42.21 2.09 0.00	51.24 2.72 0.00	66.45 3.03 -1.53	74.55 3.47 -1.78	66.96 2.91 -2.18	57.44 2.65 -0.65	51.89 2.28 0.00	49.94 2.24 0.00
ASTORIA_GT2_3 24096	56.71 2.23 0.00	51.83 1.70 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.55 1.86 0.00	57.04 2.40 0.00	54.42 2.59 0.00	50.69 2.32 0.00	46.17 2.11 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.12 2.04 0.00	42.21 2.09 0.00	51.24 2.72 0.00	66.45 3.03 -1.53	74.55 3.47 -1.78	66.96 2.91 -2.18	57.44 2.65 -0.65	51.89 2.28 0.00	49.94 2.24 0.00
ASTORIA_GT2_4 24097	56.71 2.23 0.00	51.83 1.70 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.55 1.86 0.00	57.04 2.40 0.00	54.42 2.59 0.00	50.69 2.32 0.00	46.17 2.11 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.12 2.04 0.00	42.21 2.09 0.00	51.24 2.72 0.00	66.45 3.03 -1.53	74.55 3.47 -1.78	66.96 2.91 -2.18	57.44 2.65 -0.65	51.89 2.28 0.00	49.94 2.24 0.00
ASTORIA_GT3_1 24098	56.71 2.23 0.00	51.83 1.70 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.55 1.86 0.00	57.04 2.40 0.00	54.42 2.59 0.00	50.69 2.32 0.00	46.17 2.11 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.12 2.04 0.00	42.21 2.09 0.00	51.24 2.72 0.00	66.45 3.03 -1.53	74.55 3.47 -1.78	66.96 2.91 -2.18	57.44 2.65 -0.65	51.89 2.28 0.00	49.94 2.24 0.00
ASTORIA_GT3_2 24099	56.71 2.23 0.00	51.83 1.70 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.55 1.86 0.00	57.04 2.40 0.00	54.42 2.59 0.00	50.69 2.32 0.00	46.17 2.11 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.12 2.04 0.00	42.21 2.09 0.00	51.24 2.72 0.00	66.45 3.03 -1.53	74.55 3.47 -1.78	66.96 2.91 -2.18	57.44 2.65 -0.65	51.89 2.28 0.00	49.94 2.24 0.00
ASTORIA_GT3_3 24100	56.71 2.23 0.00	51.83 1.70 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.55 1.86 0.00	57.04 2.40 0.00	54.42 2.59 0.00	50.69 2.32 0.00	46.17 2.11 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.12 2.04 0.00	42.21 2.09 0.00	51.24 2.72 0.00	66.45 3.03 -1.53	74.55 3.47 -1.78	66.96 2.91 -2.18	57.44 2.65 -0.65	51.89 2.28 0.00	49.94 2.24 0.00
ASTORIA_GT3_4 24101	56.71 2.23 0.00	51.83 1.70 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.55 1.86 0.00	57.04 2.40 0.00	54.42 2.59 0.00	50.69 2.32 0.00	46.17 2.11 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.12 2.04 0.00	42.21 2.09 0.00	51.24 2.72 0.00	66.45 3.03 -1.53	74.55 3.47 -1.78	66.96 2.91 -2.18	57.44 2.65 -0.65	51.89 2.28 0.00	49.94 2.24 0.00
ASTORIA_GT4_1 24102	56.71 2.23 0.00	51.83 1.70 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.55 1.86 0.00	57.04 2.40 0.00	54.42 2.59 0.00	50.69 2.32 0.00	46.17 2.11 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.12 2.04 0.00	42.21 2.09 0.00	51.24 2.72 0.00	66.45 3.03 -1.53	74.55 3.47 -1.78	66.96 2.91 -2.18	57.44 2.65 -0.65	51.89 2.28 0.00	49.94 2.24 0.00
ASTORIA_GT4_2 24103	56.71 2.23 0.00	51.83 1.70 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.55 1.86 0.00	57.04 2.40 0.00	54.42 2.59 0.00	50.69 2.32 0.00	46.17 2.11 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.12 2.04 0.00	42.21 2.09 0.00	51.24 2.72 0.00	66.45 3.03 -1.53	74.55 3.47 -1.78	66.96 2.91 -2.18	57.44 2.65 -0.65	51.89 2.28 0.00	49.94 2.24 0.00
ASTORIA_GT4_3 24104	56.71 2.23 0.00	51.83 1.70 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.55 1.86 0.00	57.04 2.40 0.00	54.42 2.59 0.00	50.69 2.32 0.00	46.17 2.11 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.12 2.04 0.00	42.21 2.09 0.00	51.24 2.72 0.00	66.45 3.03 -1.53	74.55 3.47 -1.78	66.96 2.91 -2.18	57.44 2.65 -0.65	51.89 2.28 0.00	49.94 2.24 0.00













BRISTLHL_115KV_TB1 79998	52.62 -1.85 0.00	48.52 -1.60 0.00	46.48 -1.74 0.00	45.12 -1.54 0.00	46.07 -1.62 0.00	52.61 -2.02 0.00	49.80 -2.02 0.00	46.53 -1.84 0.00	42.46 -1.59 0.00	39.07 -1.42 0.00	38.63 -1.44 0.00	38.32 -1.39 0.00	36.87 -1.30 0.00	36.38 -1.28 0.00	35.82 -1.26 0.00	38.68 -1.44 0.00	46.63 -1.89 0.00	59.54 -2.35 0.00	66.75 -2.56 0.00	59.58 -2.29 0.00	51.97 -2.17 0.00	47.72 -1.89 0.00	45.98 -1.72 0.00
BROOKHAVEN___DRP 24191	57.58 3.11 0.00	52.64 2.51 0.00	50.91 2.70 0.00	49.45 2.80 0.00	50.64 2.96 0.00	58.13 3.50 0.00	54.68 2.85 0.00	50.83 2.47 0.00	46.56 2.51 0.00	43.20 2.71 0.00	42.52 2.44 0.00	41.81 2.10 0.00	40.04 1.87 0.00	39.62 1.96 0.00	39.42 2.34 0.00	47.51 3.05 -4.34	60.42 4.12 -7.77	69.85 5.32 -2.64	75.25 4.16 -1.78	67.70 3.65 -2.18	58.90 4.11 -0.65	53.84 3.37 -0.86	50.85 3.15 0.00
BROOKLYN_NAVY_YARD 23515	56.60 2.12 0.00	51.83 1.71 0.00	50.00 1.78 0.00	48.61 1.96 0.00	49.69 2.00 0.00	57.31 2.68 0.00	54.73 2.90 0.00	50.97 2.61 0.00	46.38 2.33 0.00	42.68 2.18 0.00	42.04 1.96 0.00	41.65 1.95 0.00	40.11 1.95 0.00	39.66 1.99 0.00	39.20 2.11 0.00	42.37 2.25 0.00	51.34 2.81 0.00	66.88 3.46 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.87 3.08 -0.65	51.94 2.33 0.00	49.80 2.10 0.00
BROOKLYN___ARMY_DRP 323595	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
BROOKVLE_69_KV_TB1 55790	57.80 3.32 0.00	52.89 2.76 0.00	50.91 2.70 0.00	49.50 2.85 0.00	50.64 2.96 0.00	58.24 3.61 0.00	55.40 3.58 0.00	51.41 3.05 0.00	46.87 2.82 0.00	43.20 2.71 0.00	42.60 2.52 0.00	42.13 2.42 0.00	40.46 2.29 0.00	40.00 2.34 0.00	39.64 2.56 0.00	47.43 2.97 -4.34	60.13 3.83 -7.77	69.30 4.77 -2.64	75.94 4.85 -1.78	68.32 4.27 -2.18	58.90 4.11 -0.65	53.94 3.47 -0.86	50.85 3.15 0.00
BROOME_2_LFGE 323671	54.20 -0.27 0.00	50.08 -0.05 0.00	47.82 -0.39 0.00	46.52 -0.14 0.00	47.50 -0.19 0.00	54.14 -0.49 0.00	51.21 -0.62 0.00	47.83 -0.53 0.00	43.70 -0.35 0.00	40.13 -0.37 0.00	39.68 -0.40 0.00	39.31 -0.40 0.00	37.75 -0.42 0.00	37.17 -0.49 0.00	36.60 -0.48 0.00	39.60 -0.52 0.00	47.80 -0.73 0.00	61.72 -0.87 -0.69	69.29 -0.83 -0.80	62.12 -0.74 -0.99	53.56 -0.87 -0.30	48.96 -0.65 0.00	47.32 -0.38 0.00
BROOME___LFGE 323600	54.20 -0.27 0.00	50.08 -0.05 0.00	47.82 -0.39 0.00	46.52 -0.14 0.00	47.50 -0.19 0.00	54.14 -0.49 0.00	51.21 -0.62 0.00	47.83 -0.53 0.00	43.70 -0.35 0.00	40.13 -0.37 0.00	39.68 -0.40 0.00	39.31 -0.40 0.00	37.75 -0.42 0.00	37.17 -0.49 0.00	36.60 -0.48 0.00	39.60 -0.52 0.00	47.80 -0.73 0.00	61.72 -0.87 -0.69	69.29 -0.83 -0.80	62.12 -0.74 -0.99	53.56 -0.87 -0.30	48.96 -0.65 0.00	47.32 -0.38 0.00
BROWNFLS_115KV_TB_3_5 80003	54.64 0.16 0.00	50.23 0.10 0.00	48.45 0.24 0.00	46.47 -0.19 0.00	47.45 -0.24 0.00	54.09 -0.55 0.00	51.15 -0.67 0.00	47.59 -0.77 0.00	43.08 -0.97 0.00	39.64 -0.85 0.00	39.23 -0.84 0.00	38.87 -0.83 0.00	37.33 -0.84 0.00	36.80 -0.87 0.00	36.08 -1.00 0.00	39.24 -0.88 0.00	47.65 -0.87 0.00	61.33 -0.56 0.00	69.24 -0.07 0.00	61.93 0.06 0.00	54.08 -0.05 0.00	49.76 0.15 0.00	47.65 -0.05 0.00
BROWNSV1_27_KV_LOAD 356125	57.09 2.61 0.00	52.28 2.16 0.00	50.38 2.17 0.00	49.03 2.38 0.00	50.02 2.34 0.00	57.75 3.11 0.00	55.04 3.21 0.00	51.17 2.81 0.00	46.61 2.55 0.00	42.76 2.27 0.00	42.24 2.16 0.00	41.85 2.14 0.00	40.30 2.14 0.00	39.81 2.15 0.00	39.35 2.26 0.00	42.53 2.41 0.00	51.68 3.15 0.00	67.32 3.90 -1.53	75.45 4.37 -1.78	67.82 3.77 -2.18	58.14 3.36 -0.65	52.34 2.73 0.00	50.18 2.48 0.00
BURROWS___LYONSDAL 23803	55.51 1.04 0.00	50.98 0.85 0.00	49.08 0.87 0.00	47.50 0.84 0.00	48.50 0.81 0.00	55.13 0.49 0.00	52.19 0.36 0.00	48.56 0.19 0.00	44.05 0.00 0.00	40.41 -0.08 0.00	40.04 -0.04 0.00	39.67 -0.04 0.00	38.09 -0.08 0.00	37.55 -0.11 0.00	36.93 -0.15 0.00	40.12 0.00 0.00	48.67 0.15 0.00	62.57 0.68 0.00	70.49 1.18 0.00	62.98 1.11 0.00	55.00 0.87 0.00	50.35 0.74 0.00	48.27 0.57 0.00
CAITHNESS_CC_1 323624	57.52 3.05 0.00	52.39 2.26 0.00	50.86 2.65 0.00	49.13 2.47 0.00	50.55 2.86 0.00	57.86 3.22 0.00	54.62 2.80 0.00	50.83 2.47 0.00	46.56 2.51 0.00	43.12 2.63 0.00	42.16 2.08 0.00	41.69 1.98 0.00	40.04 1.87 0.00	39.70 2.03 0.00	39.46 2.38 0.00	47.51 3.05 -4.34	60.27 3.98 -7.77	69.67 5.13 -2.64	75.24 4.16 -1.78	67.70 3.65 -2.18	58.95 4.17 -0.65	53.79 3.32 -0.86	50.85 3.15 0.00
CALPINE BETH_PAGE_GT4 24209	57.47 3.00 0.00	52.59 2.46 0.00	50.67 2.46 0.00	49.27 2.61 0.00	50.36 2.67 0.00	57.91 3.28 0.00	55.04 3.21 0.00	51.07 2.71 0.00	46.65 2.60 0.00	43.16 2.67 0.00	42.52 2.44 0.00	42.01 2.30 0.00	40.34 2.18 0.00	39.89 2.22 0.00	39.57 2.48 0.00	47.27 2.81 -4.34	59.88 3.59 -7.77	68.99 4.46 -2.64	75.45 4.37 -1.78	67.95 3.90 -2.18	58.63 3.84 -0.65	53.69 3.22 -0.86	50.61 2.91 0.00
CALPINE_BETH_PAGE_GT_4 323586	57.47 2.99 0.00	52.53 2.41 0.00	50.67 2.46 0.00	49.17 2.52 0.00	50.40 2.72 0.00	57.80 3.17 0.00	55.04 3.21 0.00	51.12 2.76 0.00	46.65 2.60 0.00	43.16 2.67 0.00	42.40 2.32 0.00	41.97 2.26 0.00	40.34 2.17 0.00	39.96 2.30 0.00	39.64 2.56 0.00	47.35 2.89 -4.34	59.83 3.54 -7.77	68.99 4.46 -2.64	75.46 4.37 -1.78	67.95 3.90 -2.18	58.73 3.95 -0.65	53.69 3.22 -0.86	50.61 2.91 0.00
CALPINE_BP_GT1 23823	57.47 2.99 0.00	52.53 2.41 0.00	50.67 2.46 0.00	49.17 2.52 0.00	50.40 2.72 0.00	57.80 3.17 0.00	55.04 3.21 0.00	51.12 2.76 0.00	46.65 2.60 0.00	43.16 2.67 0.00	42.40 2.32 0.00	41.97 2.26 0.00	40.34 2.17 0.00	39.96 2.30 0.00	39.64 2.56 0.00	47.35 2.89 -4.34	59.83 3.54 -7.77	68.99 4.46 -2.64	75.46 4.37 -1.78	67.95 3.90 -2.18	58.73 3.95 -0.65	53.69 3.22 -0.86	50.61 2.91 0.00
CALSPAN___DRP 24200	52.46 -2.02 0.00	48.93 -1.20 0.00	46.09 -2.12 0.00	44.79 -1.87 0.00	45.78 -1.91 0.00	51.36 -3.28 0.00	48.09 -3.73 0.00	45.22 -3.14 0.00	41.76 -2.29 0.00	38.51 -1.98 0.00	37.83 -2.24 0.00	37.36 -2.34 0.00	35.99 -2.18 0.00	35.48 -2.18 0.00	35.01 -2.08 0.00	37.55 -2.57 0.00	44.64 -3.88 0.00	57.13 -4.77 0.00	63.77 -5.54 0.00	57.04 -4.83 0.00	49.53 -4.60 0.00	45.94 -3.67 0.00	45.36 -2.34 0.00

CALVERTON___SOLAR 323806	57.63 3.16 0.00	52.44 2.31 0.00	51.01 2.80 0.00	49.17 2.52 0.00	50.74 3.05 0.00	58.08 3.44 0.00	54.62 2.80 0.00	50.88 2.51 0.00	46.65 2.60 0.00	43.25 2.75 0.00	42.20 2.12 0.00	41.73 2.02 0.00	40.04 1.87 0.00	39.70 2.03 0.00	39.49 2.41 0.00	47.63 3.17 -4.34	60.51 4.22 -7.77	69.98 5.45 -2.64	75.32 4.23 -1.78	67.76 3.71 -2.18	59.12 4.33 -0.65	53.89 3.42 -0.86	50.99 3.29 0.00
CANDIGU_WT_PWR 323617	52.79 -1.69 0.00	49.23 -0.90 0.00	46.72 -1.49 0.00	45.49 -1.16 0.00	46.54 -1.14 0.00	52.34 -2.29 0.00	49.18 -2.64 0.00	45.85 -2.52 0.00	41.85 -2.20 0.00	38.30 -2.19 0.00	37.83 -2.24 0.00	37.36 -2.34 0.00	35.80 -2.37 0.00	34.99 -2.67 0.00	34.49 -2.60 0.00	37.27 -2.85 0.00	45.03 -3.49 0.00	58.45 -3.90 -0.46	65.82 -4.02 -0.53	58.93 -3.59 -0.65	50.75 -3.57 -0.20	46.78 -2.83 0.00	45.56 -2.15 0.00
CARR STREET_E__SYR 24060	53.06 -1.42 0.00	48.98 -1.15 0.00	46.81 -1.40 0.00	45.49 -1.16 0.00	46.50 -1.19 0.00	53.05 -1.59 0.00	50.22 -1.61 0.00	46.91 -1.45 0.00	42.86 -1.19 0.00	39.40 -1.09 0.00	39.00 -1.08 0.00	38.67 -1.03 0.00	37.21 -0.95 0.00	36.68 -0.98 0.00	36.16 -0.93 0.00	39.04 -1.08 0.00	47.07 -1.45 0.00	60.09 -1.80 0.00	67.30 -2.01 0.00	60.07 -1.80 0.00	52.35 -1.78 0.00	48.07 -1.54 0.00	46.42 -1.29 0.00
CARTHAGE___PAPER 23857	54.75 0.27 0.00	50.23 0.10 0.00	48.41 0.19 0.00	46.75 0.09 0.00	47.64 -0.05 0.00	54.09 -0.55 0.00	51.05 -0.78 0.00	47.40 -0.97 0.00	42.86 -1.19 0.00	39.28 -1.21 0.00	38.91 -1.16 0.00	38.52 -1.19 0.00	37.02 -1.14 0.00	36.46 -1.21 0.00	35.82 -1.26 0.00	39.04 -1.08 0.00	47.56 -0.97 0.00	61.46 -0.43 0.00	69.73 0.42 0.00	62.43 0.56 0.00	54.35 0.22 0.00	49.81 0.20 0.00	47.65 -0.05 0.00
CASSADAGA_WT_PWR 323784	52.08 -2.40 0.00	48.28 -1.85 0.00	46.09 -2.12 0.00	44.09 -2.57 0.00	45.11 -2.58 0.00	50.87 -3.77 0.00	47.78 -4.04 0.00	45.12 -3.24 0.00	41.85 -2.20 0.00	38.67 -1.82 0.00	38.07 -2.00 0.00	37.44 -2.26 0.00	35.76 -2.40 0.00	34.92 -2.75 0.00	34.41 -2.67 0.00	37.03 -3.09 0.00	44.45 -4.08 0.00	57.06 -4.83 0.00	64.39 -4.92 0.00	57.78 -4.09 0.00	49.96 -4.17 0.00	46.33 -3.28 0.00	45.46 -2.24 0.00
CE_DUNWOOD___DRP 24194	56.71 2.23 0.00	51.98 1.85 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.69 2.00 0.00	57.26 2.62 0.00	54.52 2.69 0.00	50.69 2.32 0.00	46.12 2.07 0.00	42.35 1.86 0.00	41.84 1.76 0.00	41.45 1.75 0.00	39.88 1.72 0.00	39.40 1.73 0.00	38.90 1.82 0.00	42.13 2.01 0.00	51.15 2.62 0.00	66.64 3.22 -1.53	74.69 3.60 -1.77	67.20 3.16 -2.18	57.65 2.87 -0.65	51.94 2.33 0.00	49.80 2.10 0.00
CE_MILLWOOD___DRP 24193	56.65 2.18 0.00	51.93 1.80 0.00	50.00 1.78 0.00	48.66 2.01 0.00	49.69 2.00 0.00	57.20 2.57 0.00	54.47 2.64 0.00	50.64 2.27 0.00	46.08 2.03 0.00	42.31 1.82 0.00	41.80 1.72 0.00	41.37 1.67 0.00	39.81 1.64 0.00	39.32 1.66 0.00	38.86 1.78 0.00	42.05 1.93 0.00	51.10 2.57 0.00	66.57 3.16 -1.52	74.55 3.47 -1.77	67.08 3.03 -2.18	57.54 2.76 -0.65	51.84 2.23 0.00	49.75 2.05 0.00
CE_NYC2_DRP 24202	56.93 2.45 0.00	52.08 1.96 0.00	50.24 2.02 0.00	48.89 2.24 0.00	49.88 2.19 0.00	57.48 2.84 0.00	54.78 2.95 0.00	50.98 2.61 0.00	46.47 2.42 0.00	42.68 2.19 0.00	42.16 2.08 0.00	41.77 2.06 0.00	40.23 2.06 0.00	39.74 2.07 0.00	39.27 2.19 0.00	42.45 2.33 0.00	51.49 2.96 0.00	66.82 3.40 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	52.14 2.53 0.00	50.04 2.34 0.00
CE_NYC_DRP 24195	56.76 2.29 0.00	51.98 1.85 0.00	50.09 1.88 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.52 2.02 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.09 2.00 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.76 2.98 -0.65	52.04 2.43 0.00	49.90 2.19 0.00
CHAFFEE___LFGE 323603	52.62 -1.85 0.00	49.13 -1.00 0.00	46.19 -2.02 0.00	44.93 -1.73 0.00	45.97 -1.71 0.00	51.58 -3.06 0.00	48.20 -3.63 0.00	45.41 -2.95 0.00	41.98 -2.07 0.00	38.67 -1.82 0.00	38.11 -1.96 0.00	37.64 -2.07 0.00	36.18 -1.99 0.00	35.41 -2.26 0.00	34.97 -2.11 0.00	37.59 -2.53 0.00	44.98 -3.54 0.00	57.50 -4.39 0.00	64.18 -5.13 0.00	57.41 -4.46 0.00	49.64 -4.49 0.00	46.19 -3.42 0.00	45.56 -2.15 0.00
CHATEAUG_35_KV_LOAD 355732	54.58 0.11 0.00	50.28 0.15 0.00	49.27 1.06 0.00	46.56 -0.09 0.00	47.78 0.10 0.00	54.91 0.27 0.00	52.08 0.26 0.00	48.65 0.29 0.00	44.23 0.18 0.00	40.69 0.20 0.00	40.28 0.20 0.00	39.90 0.20 0.00	38.24 0.08 0.00	37.66 0.00 0.00	36.97 -0.11 0.00	40.08 -0.04 0.00	48.57 0.05 0.00	62.20 0.31 0.00	69.93 0.62 0.00	62.55 0.68 0.00	54.67 0.54 0.00	50.30 0.69 0.00	48.23 0.52 0.00
CHATEAUG_WT_PWR 323614	54.47 0.00 0.00	50.18 0.05 0.00	49.27 1.06 0.00	46.47 -0.19 0.00	47.74 0.05 0.00	54.91 0.27 0.00	52.09 0.26 0.00	48.70 0.34 0.00	44.27 0.22 0.00	40.78 0.29 0.00	40.36 0.28 0.00	39.95 0.24 0.00	38.28 0.11 0.00	37.70 0.04 0.00	37.01 -0.07 0.00	40.08 -0.04 0.00	48.53 0.00 0.00	62.14 0.25 0.00	69.80 0.49 0.00	62.43 0.56 0.00	54.62 0.49 0.00	50.25 0.64 0.00	48.18 0.48 0.00
CHAT_HIGH_FALL_HYD 323578	54.58 0.11 0.00	50.28 0.15 0.00	49.27 1.06 0.00	46.56 -0.09 0.00	47.78 0.10 0.00	54.91 0.27 0.00	52.08 0.26 0.00	48.65 0.29 0.00	44.23 0.18 0.00	40.69 0.20 0.00	40.28 0.20 0.00	39.90 0.20 0.00	38.24 0.08 0.00	37.66 0.00 0.00	36.97 -0.11 0.00	40.08 -0.04 0.00	48.57 0.05 0.00	62.20 0.31 0.00	69.93 0.62 0.00	62.55 0.68 0.00	54.67 0.54 0.00	50.30 0.69 0.00	48.23 0.52 0.00
CHAUTAUQUA___LFGE 323629	52.35 -2.13 0.00	48.78 -1.35 0.00	46.38 -1.83 0.00	44.60 -2.05 0.00	45.64 -2.05 0.00	51.30 -3.33 0.00	48.04 -3.78 0.00	45.27 -3.10 0.00	41.89 -2.16 0.00	38.63 -1.86 0.00	38.03 -2.04 0.00	37.52 -2.18 0.00	35.95 -2.21 0.00	35.18 -2.49 0.00	34.71 -2.37 0.00	37.31 -2.81 0.00	44.74 -3.79 0.00	57.25 -4.64 0.00	64.25 -5.06 0.00	57.54 -4.33 0.00	49.69 -4.44 0.00	46.19 -3.42 0.00	45.41 -2.29 0.00
CHERRYST_13_KV_LD 356241	56.87 2.40 0.00	52.13 2.01 0.00	50.24 2.02 0.00	48.89 2.24 0.00	49.88 2.19 0.00	57.59 2.95 0.00	54.88 3.06 0.00	51.02 2.66 0.00	46.47 2.42 0.00	42.64 2.15 0.00	42.08 2.00 0.00	41.69 1.99 0.00	40.15 1.98 0.00	39.66 2.00 0.00	39.20 2.11 0.00	42.37 2.25 0.00	51.53 3.01 0.00	67.07 3.65 -1.53	75.18 4.09 -1.78	67.58 3.53 -2.18	57.92 3.14 -0.65	52.14 2.53 0.00	50.04 2.34 0.00

CHESTROR_138KV_BK263 355645	56.11 1.63 0.00	51.48 1.35 0.00	49.51 1.30 0.00	48.15 1.49 0.00	49.21 1.53 0.00	56.55 1.91 0.00	53.74 1.92 0.00	50.01 1.64 0.00	45.50 1.45 0.00	41.75 1.26 0.00	41.28 1.20 0.00	40.86 1.15 0.00	39.31 1.15 0.00	38.79 1.13 0.00	38.31 1.22 0.00	41.48 1.36 0.00	50.37 1.84 0.00	65.57 2.29 -1.39	73.49 2.56 -1.62	66.14 2.29 -1.99	56.78 2.06 -0.59	51.24 1.64 0.00	49.23 1.53 0.00
CH_MIDHUDSON___DRP 24192	56.76 2.29 0.00	52.08 1.96 0.00	50.09 1.88 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.26 2.62 0.00	54.42 2.59 0.00	50.64 2.27 0.00	46.03 1.98 0.00	42.27 1.78 0.00	41.76 1.68 0.00	41.33 1.63 0.00	39.77 1.60 0.00	39.25 1.58 0.00	38.79 1.71 0.00	42.01 1.89 0.00	51.05 2.52 0.00	66.65 3.16 -1.60	74.63 3.47 -1.86	67.18 3.03 -2.28	57.57 2.76 -0.68	51.89 2.28 0.00	49.80 2.10 0.00
CH_MISC_IPPS 23765	57.04 2.56 0.00	52.33 2.20 0.00	50.33 2.12 0.00	48.94 2.29 0.00	49.98 2.29 0.00	57.47 2.84 0.00	54.62 2.80 0.00	50.83 2.47 0.00	46.17 2.11 0.00	42.39 1.90 0.00	41.88 1.81 0.00	41.41 1.71 0.00	39.81 1.64 0.00	39.36 1.70 0.00	38.86 1.78 0.00	42.13 2.01 0.00	51.19 2.67 0.00	66.79 3.34 -1.56	74.86 3.74 -1.81	67.37 3.28 -2.23	57.83 3.03 -0.67	52.09 2.48 0.00	50.04 2.34 0.00
CH_RES_BVR_FALLS 23983	53.93 -0.54 0.00	49.63 -0.50 0.00	48.41 0.19 0.00	46.14 -0.51 0.00	47.30 -0.38 0.00	54.26 -0.38 0.00	51.41 -0.42 0.00	48.03 -0.34 0.00	43.70 -0.35 0.00	40.17 -0.33 0.00	39.75 -0.32 0.00	39.31 -0.40 0.00	37.67 -0.50 0.00	37.10 -0.56 0.00	36.49 -0.59 0.00	39.52 -0.60 0.00	47.85 -0.68 0.00	61.15 -0.74 0.00	68.62 -0.69 0.00	61.31 -0.56 0.00	53.64 -0.49 0.00	49.26 -0.34 0.00	47.32 -0.38 0.00
CH_RES_NIAGARA 23895	50.33 -4.14 0.00	47.12 -3.01 0.00	44.31 -3.91 0.00	43.06 -3.59 0.00	44.06 -3.62 0.00	49.23 -5.41 0.00	45.92 -5.91 0.00	43.24 -5.13 0.00	40.04 -4.01 0.00	36.89 -3.60 0.00	36.31 -3.77 0.00	35.89 -3.81 0.00	34.62 -3.55 0.00	34.16 -3.50 0.00	33.67 -3.41 0.00	36.03 -4.09 0.00	42.75 -5.77 0.00	54.53 -7.37 0.00	60.65 -8.66 0.00	54.26 -7.61 0.00	47.20 -6.93 0.00	43.95 -5.66 0.00	43.60 -4.10 0.00
CH_RES_SYRACUSE 23985	53.50 -0.98 0.00	49.32 -0.80 0.00	47.20 -1.01 0.00	45.86 -0.79 0.00	46.88 -0.81 0.00	53.49 -1.15 0.00	50.63 -1.19 0.00	47.30 -1.06 0.00	43.21 -0.84 0.00	39.72 -0.77 0.00	39.31 -0.76 0.00	38.99 -0.71 0.00	37.52 -0.65 0.00	36.99 -0.68 0.00	36.42 -0.67 0.00	39.32 -0.80 0.00	47.46 -1.07 0.00	60.53 -1.36 0.00	67.85 -1.46 0.00	60.57 -1.30 0.00	52.78 -1.35 0.00	48.47 -1.14 0.00	46.75 -0.95 0.00
CLINTON_WT_PWR 323605	54.47 0.00 0.00	50.18 0.05 0.00	49.27 1.06 0.00	46.47 -0.19 0.00	47.74 0.05 0.00	54.91 0.27 0.00	52.09 0.26 0.00	48.70 0.34 0.00	44.27 0.22 0.00	40.78 0.29 0.00	40.36 0.28 0.00	39.95 0.24 0.00	38.28 0.11 0.00	37.70 0.04 0.00	37.01 -0.07 0.00	40.08 -0.04 0.00	48.53 0.00 0.00	62.14 0.25 0.00	69.80 0.49 0.00	62.43 0.56 0.00	54.62 0.49 0.00	50.25 0.64 0.00	48.18 0.48 0.00
CLINTON___LFGE 323618	54.96 0.49 0.00	50.63 0.50 0.00	50.48 2.27 0.00	46.89 0.23 0.00	48.31 0.62 0.00	55.73 1.09 0.00	52.86 1.04 0.00	49.43 1.06 0.00	44.98 0.93 0.00	41.42 0.93 0.00	41.00 0.92 0.00	40.58 0.87 0.00	38.82 0.65 0.00	38.12 0.45 0.00	37.42 0.33 0.00	40.52 0.40 0.00	49.11 0.58 0.00	63.01 1.12 0.00	71.04 1.73 0.00	63.60 1.73 0.00	55.59 1.46 0.00	51.19 1.59 0.00	49.09 1.38 0.00
COBBLENY_34_KV_TB1 80064	52.68 -1.80 0.00	49.13 -1.00 0.00	46.23 -1.98 0.00	44.93 -1.73 0.00	45.97 -1.72 0.00	51.58 -3.06 0.00	48.35 -3.47 0.00	45.51 -2.85 0.00	41.98 -2.07 0.00	38.71 -1.78 0.00	38.03 -2.04 0.00	37.56 -2.14 0.00	36.14 -2.02 0.00	35.67 -2.00 0.00	35.15 -1.93 0.00	37.75 -2.37 0.00	44.89 -3.64 0.00	57.50 -4.39 0.00	64.18 -5.13 0.00	57.41 -4.45 0.00	49.80 -4.33 0.00	46.18 -3.42 0.00	45.55 -2.15 0.00
COFFEEN___115KV_TB3 355620	55.07 0.60 0.00	50.53 0.40 0.00	48.60 0.39 0.00	47.08 0.42 0.00	47.93 0.24 0.00	54.42 -0.22 0.00	51.25 -0.57 0.00	47.49 -0.87 0.00	42.91 -1.15 0.00	39.28 -1.21 0.00	38.95 -1.12 0.00	38.55 -1.15 0.00	37.06 -1.11 0.00	36.53 -1.13 0.00	35.90 -1.19 0.00	39.12 -1.00 0.00	47.60 -0.92 0.00	61.77 -0.12 0.00	70.28 0.97 0.00	62.98 1.11 0.00	54.73 0.60 0.00	50.10 0.50 0.00	47.94 0.24 0.00
COLDSPRG_115KV_BK1 355956	53.66 -0.82 0.00	49.83 -0.30 0.00	47.30 -0.92 0.00	45.63 -1.03 0.00	46.69 -1.00 0.00	52.61 -2.02 0.00	49.54 -2.28 0.00	46.67 -1.69 0.00	42.99 -1.06 0.00	39.68 -0.81 0.00	38.91 -1.16 0.00	38.32 -1.39 0.00	36.79 -1.37 0.00	36.20 -1.47 0.00	35.64 -1.45 0.00	38.31 -1.81 0.00	45.76 -2.77 0.00	59.17 -3.09 -0.38	66.49 -3.26 -0.44	59.75 -2.66 -0.54	51.48 -2.81 -0.16	47.43 -2.18 0.00	46.51 -1.19 0.00
COLONIE_LFGE___ 323577	56.87 2.39 0.00	52.23 2.11 0.00	50.24 2.02 0.00	48.85 2.19 0.00	49.88 2.19 0.00	57.26 2.62 0.00	54.47 2.64 0.00	50.64 2.27 0.00	45.99 1.94 0.00	42.31 1.82 0.00	41.84 1.76 0.00	41.49 1.79 0.00	39.84 1.68 0.00	39.43 1.77 0.00	38.86 1.78 0.00	42.09 1.97 0.00	50.95 2.43 0.00	78.32 3.03 -13.40	88.15 3.26 -15.58	83.86 2.85 -19.15	62.56 2.71 -5.73	51.89 2.28 0.00	49.94 2.24 0.00
COOPERNY_115KV_TB1 80082	55.62 1.14 0.00	51.08 0.95 0.00	49.13 0.92 0.00	47.73 1.07 0.00	48.74 1.05 0.00	55.95 1.31 0.00	53.17 1.35 0.00	49.52 1.16 0.00	45.06 1.01 0.00	41.38 0.89 0.00	40.96 0.88 0.00	40.54 0.83 0.00	39.01 0.84 0.00	38.49 0.83 0.00	37.97 0.89 0.00	41.08 0.96 0.00	49.79 1.26 0.00	64.65 1.61 -1.15	72.45 1.80 -1.34	65.12 1.61 -1.64	56.08 1.46 -0.49	50.75 1.14 0.00	48.80 1.10 0.00
COPENHAGEN_WT_PWR 323753	54.64 0.16 0.00	50.18 0.05 0.00	48.21 0.00 0.00	46.70 0.05 0.00	47.59 -0.10 0.00	54.04 -0.60 0.00	50.94 -0.88 0.00	47.30 -1.06 0.00	42.82 -1.23 0.00	39.24 -1.26 0.00	38.87 -1.20 0.00	38.52 -1.19 0.00	37.02 -1.14 0.00	36.50 -1.17 0.00	35.86 -1.22 0.00	39.00 -1.12 0.00	47.46 -1.07 0.00	61.33 -0.56 0.00	69.59 0.28 0.00	62.36 0.49 0.00	54.24 0.11 0.00	49.66 0.05 0.00	47.61 -0.10 0.00
CORNELL_____ 23752	54.97 0.49 0.00	50.78 0.65 0.00	48.50 0.29 0.00	47.17 0.51 0.00	48.21 0.52 0.00	55.02 0.38 0.00	52.03 0.21 0.00	48.51 0.15 0.00	44.18 0.13 0.00	40.53 0.04 0.00	40.04 -0.04 0.00	39.67 -0.04 0.00	38.09 -0.08 0.00	37.59 -0.08 0.00	37.05 -0.04 0.00	40.08 -0.04 0.00	48.48 -0.05 0.00	62.64 0.25 -0.50	70.44 0.55 -0.58	63.01 0.43 -0.71	54.51 0.16 -0.21	49.81 0.20 0.00	48.04 0.33 0.00

CORONA__69_KV_TB1 355595	57.63 3.16 0.00	52.79 2.66 0.00	50.81 2.60 0.00	49.41 2.75 0.00	50.50 2.81 0.00	58.08 3.44 0.00	55.25 3.42 0.00	51.31 2.95 0.00	46.74 2.69 0.00	43.04 2.55 0.00	42.44 2.36 0.00	41.97 2.26 0.00	40.30 2.14 0.00	39.85 2.18 0.00	39.49 2.41 0.00	47.27 2.81 -4.34	59.88 3.59 -7.77	68.99 4.46 -2.64	75.66 4.57 -1.78	68.07 4.02 -2.18	58.73 3.95 -0.65	53.79 3.32 -0.86	50.71 3.01 0.00
CORTLAND__115KV_TB3 80093	54.47 0.00 0.00	50.28 0.15 0.00	48.11 -0.10 0.00	46.75 0.09 0.00	47.74 0.05 0.00	54.53 -0.11 0.00	51.62 -0.21 0.00	48.12 -0.24 0.00	43.87 -0.18 0.00	40.29 -0.20 0.00	39.80 -0.28 0.00	39.43 -0.28 0.00	37.94 -0.23 0.00	37.44 -0.23 0.00	36.86 -0.22 0.00	39.88 -0.24 0.00	48.19 -0.34 0.00	62.02 -0.25 -0.37	69.61 -0.14 -0.44	62.28 -0.12 -0.53	54.02 -0.27 -0.16	49.36 -0.25 0.00	47.61 -0.10 0.00
COXSACKIE__GT 23611	59.16 4.69 0.00	54.39 4.26 0.00	52.21 4.00 0.00	50.86 4.20 0.00	51.88 4.20 0.00	59.55 4.92 0.00	56.18 4.35 0.00	52.04 3.67 0.00	46.87 2.82 0.00	42.84 2.35 0.00	42.36 2.28 0.00	41.89 2.18 0.00	40.15 1.98 0.00	39.73 2.07 0.00	39.23 2.15 0.00	42.69 2.57 0.00	52.26 3.74 0.00	71.51 4.33 -5.29	80.51 5.06 -6.14	73.93 4.51 -7.54	60.29 3.90 -2.26	53.72 4.12 0.00	51.75 4.05 0.00
CPV_VALLEY__CC1 323721	55.73 1.25 0.00	51.13 1.00 0.00	49.23 1.01 0.00	47.82 1.17 0.00	48.88 1.19 0.00	56.11 1.48 0.00	53.38 1.55 0.00	49.67 1.31 0.00	45.24 1.19 0.00	41.54 1.05 0.00	41.04 0.96 0.00	40.66 0.95 0.00	39.08 0.91 0.00	38.64 0.98 0.00	38.12 1.04 0.00	41.28 1.16 0.00	49.98 1.45 0.00	64.98 1.80 -1.29	72.83 2.01 -1.50	65.51 1.80 -1.85	56.36 1.68 -0.55	50.90 1.29 0.00	48.89 1.19 0.00
CPV_VALLEY__CC2 323722	55.73 1.25 0.00	51.13 1.00 0.00	49.23 1.01 0.00	47.82 1.17 0.00	48.88 1.19 0.00	56.11 1.48 0.00	53.38 1.55 0.00	49.67 1.31 0.00	45.24 1.19 0.00	41.54 1.05 0.00	41.04 0.96 0.00	40.66 0.95 0.00	39.08 0.91 0.00	38.64 0.98 0.00	38.12 1.04 0.00	41.28 1.16 0.00	49.98 1.45 0.00	64.98 1.80 -1.29	72.83 2.01 -1.50	65.51 1.80 -1.85	56.36 1.68 -0.55	50.90 1.29 0.00	48.89 1.19 0.00
CRESCENT__HYD 24018	56.87 2.39 0.00	52.23 2.11 0.00	50.24 2.02 0.00	48.85 2.19 0.00	49.88 2.19 0.00	57.26 2.62 0.00	54.47 2.64 0.00	50.64 2.27 0.00	45.99 1.94 0.00	42.31 1.82 0.00	41.84 1.76 0.00	41.49 1.79 0.00	39.84 1.68 0.00	39.43 1.77 0.00	38.86 1.78 0.00	42.09 1.97 0.00	50.95 2.43 0.00	78.32 3.03 -13.40	88.15 3.26 -15.58	83.86 2.85 -19.15	62.56 2.71 -5.73	51.89 2.28 0.00	49.94 2.24 0.00
CRICKET__VALLEY_CC1 323756	56.38 1.91 0.00	51.68 1.56 0.00	49.71 1.50 0.00	48.33 1.68 0.00	49.40 1.71 0.00	56.82 2.19 0.00	54.10 2.28 0.00	50.30 1.94 0.00	45.77 1.72 0.00	42.07 1.58 0.00	41.52 1.44 0.00	41.13 1.43 0.00	39.62 1.45 0.00	39.13 1.47 0.00	38.64 1.56 0.00	41.84 1.72 0.00	50.71 2.19 0.00	66.39 2.66 -1.84	74.29 2.84 -2.14	66.98 2.48 -2.63	57.30 2.38 -0.79	51.49 1.88 0.00	49.47 1.77 0.00
CRICKET__VALLEY_CC2 323757	56.38 1.91 0.00	51.68 1.56 0.00	49.71 1.50 0.00	48.33 1.68 0.00	49.40 1.71 0.00	56.82 2.19 0.00	54.10 2.28 0.00	50.30 1.94 0.00	45.77 1.72 0.00	42.07 1.58 0.00	41.52 1.44 0.00	41.13 1.43 0.00	39.62 1.45 0.00	39.13 1.47 0.00	38.64 1.56 0.00	41.84 1.72 0.00	50.71 2.19 0.00	66.39 2.66 -1.84	74.29 2.84 -2.14	66.98 2.48 -2.63	57.30 2.38 -0.79	51.49 1.88 0.00	49.47 1.77 0.00
CRICKET__VALLEY_CC3 323758	56.38 1.91 0.00	51.68 1.56 0.00	49.71 1.50 0.00	48.33 1.68 0.00	49.40 1.71 0.00	56.82 2.19 0.00	54.10 2.28 0.00	50.30 1.94 0.00	45.77 1.72 0.00	42.07 1.58 0.00	41.52 1.44 0.00	41.13 1.43 0.00	39.62 1.45 0.00	39.13 1.47 0.00	38.64 1.56 0.00	41.84 1.72 0.00	50.71 2.19 0.00	66.39 2.66 -1.84	74.29 2.84 -2.14	66.98 2.48 -2.63	57.30 2.38 -0.79	51.49 1.88 0.00	49.47 1.77 0.00
CRUCIBLE__METL_DRP 24180	53.49 -0.98 0.00	49.33 -0.80 0.00	47.20 -1.01 0.00	45.86 -0.79 0.00	46.88 -0.81 0.00	53.49 -1.15 0.00	50.63 -1.19 0.00	47.30 -1.06 0.00	43.21 -0.84 0.00	39.72 -0.77 0.00	39.27 -0.80 0.00	38.99 -0.71 0.00	37.52 -0.65 0.00	37.02 -0.64 0.00	36.45 -0.63 0.00	39.36 -0.76 0.00	47.41 -1.12 0.00	60.53 -1.36 0.00	67.86 -1.46 0.00	60.57 -1.30 0.00	52.83 -1.30 0.00	48.47 -1.14 0.00	46.75 -0.95 0.00
DAHOWA__HYDRO 323763	57.74 3.27 0.00	53.04 2.91 0.00	51.15 2.94 0.00	49.73 3.08 0.00	50.79 3.10 0.00	58.30 3.66 0.00	55.50 3.68 0.00	51.41 3.05 0.00	46.60 2.55 0.00	42.68 2.18 0.00	42.24 2.16 0.00	41.93 2.22 0.00	40.23 2.06 0.00	39.85 2.18 0.00	39.27 2.19 0.00	42.57 2.45 0.00	51.73 3.20 0.00	81.55 4.15 -15.52	92.07 4.50 -18.26	88.26 3.96 -22.43	64.31 3.47 -6.71	52.58 2.98 0.00	50.66 2.96 0.00
DANC__LFGE 323619	53.88 -0.60 0.00	49.58 -0.55 0.00	47.58 -0.63 0.00	46.14 -0.51 0.00	47.02 -0.67 0.00	53.43 -1.20 0.00	50.48 -1.35 0.00	46.96 -1.40 0.00	42.64 -1.41 0.00	39.11 -1.38 0.00	38.79 -1.28 0.00	38.43 -1.27 0.00	36.98 -1.18 0.00	36.42 -1.24 0.00	35.82 -1.26 0.00	38.83 -1.29 0.00	47.07 -1.45 0.00	60.59 -1.30 0.00	68.48 -0.83 0.00	61.31 -0.56 0.00	53.37 -0.76 0.00	48.96 -0.65 0.00	47.03 -0.67 0.00
DANSKAMMER__1 23586	57.04 2.56 0.00	52.33 2.20 0.00	50.33 2.12 0.00	48.94 2.29 0.00	49.98 2.29 0.00	57.47 2.84 0.00	54.62 2.80 0.00	50.83 2.47 0.00	46.17 2.11 0.00	42.39 1.90 0.00	41.88 1.81 0.00	41.41 1.71 0.00	39.81 1.64 0.00	39.36 1.70 0.00	38.86 1.78 0.00	42.13 2.01 0.00	51.19 2.67 0.00	66.79 3.34 -1.56	74.86 3.74 -1.81	67.37 3.28 -2.23	57.83 3.03 -0.67	52.09 2.48 0.00	50.04 2.34 0.00
DANSKAMMER__2 23589	57.04 2.56 0.00	52.33 2.20 0.00	50.33 2.12 0.00	48.94 2.29 0.00	49.98 2.29 0.00	57.47 2.84 0.00	54.62 2.80 0.00	50.83 2.47 0.00	46.17 2.11 0.00	42.39 1.90 0.00	41.88 1.81 0.00	41.41 1.71 0.00	39.81 1.64 0.00	39.36 1.70 0.00	38.86 1.78 0.00	42.13 2.01 0.00	51.19 2.67 0.00	66.79 3.34 -1.56	74.86 3.74 -1.81	67.37 3.28 -2.23	57.83 3.03 -0.67	52.09 2.48 0.00	50.04 2.34 0.00
DANSKAMMER__3 23590	57.04 2.56 0.00	52.33 2.20 0.00	50.33 2.12 0.00	48.94 2.29 0.00	49.98 2.29 0.00	57.47 2.84 0.00	54.62 2.80 0.00	50.83 2.47 0.00	46.17 2.11 0.00	42.39 1.90 0.00	41.88 1.81 0.00	41.41 1.71 0.00	39.81 1.64 0.00	39.36 1.70 0.00	38.86 1.78 0.00	42.13 2.01 0.00	51.19 2.67 0.00	66.79 3.34 -1.56	74.86 3.74 -1.81	67.37 3.28 -2.23	57.83 3.03 -0.67	52.09 2.48 0.00	50.04 2.34 0.00

DANSKAMMER___4 23591	57.04 2.56 0.00	52.33 2.20 0.00	50.33 2.12 0.00	48.94 2.29 0.00	49.98 2.29 0.00	57.47 2.84 0.00	54.62 2.80 0.00	50.83 2.47 0.00	46.17 2.11 0.00	42.39 1.90 0.00	41.88 1.81 0.00	41.41 1.71 0.00	39.81 1.64 0.00	39.36 1.70 0.00	38.86 1.78 0.00	42.13 2.01 0.00	51.19 2.67 0.00	66.79 3.34 -1.56	74.86 3.74 -1.81	67.37 3.28 -2.23	57.83 3.03 -0.67	52.09 2.48 0.00	50.04 2.34 0.00
DANSKAMMER___DIESEL 23592	57.04 2.56 0.00	52.33 2.21 0.00	50.28 2.07 0.00	48.94 2.29 0.00	49.98 2.29 0.00	57.48 2.84 0.00	54.57 2.75 0.00	50.83 2.47 0.00	46.17 2.11 0.00	42.35 1.86 0.00	41.84 1.76 0.00	41.41 1.71 0.00	39.81 1.64 0.00	39.32 1.66 0.00	38.83 1.74 0.00	42.09 1.97 0.00	51.19 2.67 0.00	66.79 3.34 -1.56	74.87 3.74 -1.81	67.44 3.34 -2.23	57.77 2.98 -0.67	52.09 2.48 0.00	50.04 2.34 0.00
DARBY___SOLAR 323810	57.58 3.10 0.00	52.88 2.76 0.00	51.01 2.80 0.00	49.60 2.94 0.00	50.65 2.96 0.00	58.13 3.50 0.00	55.30 3.47 0.00	51.27 2.90 0.00	46.47 2.42 0.00	42.59 2.10 0.00	42.16 2.08 0.00	41.81 2.10 0.00	40.15 1.98 0.00	39.73 2.07 0.00	39.20 2.11 0.00	42.45 2.33 0.00	51.58 3.06 0.00	81.09 3.90 -15.30	91.53 4.30 -17.92	87.66 3.77 -22.02	64.07 3.36 -6.59	52.48 2.88 0.00	50.51 2.81 0.00
DASHVILLE___HYD 23610	56.71 2.23 0.00	52.03 1.90 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.69 2.00 0.00	57.09 2.46 0.00	54.16 2.33 0.00	50.39 2.03 0.00	45.72 1.67 0.00	41.95 1.46 0.00	41.48 1.40 0.00	41.06 1.35 0.00	39.46 1.30 0.00	38.94 1.28 0.00	38.49 1.41 0.00	41.68 1.56 0.00	50.76 2.23 0.00	66.18 1.98 -2.31	74.21 2.22 -2.69	67.09 1.92 -3.30	56.90 1.79 -0.99	51.74 2.13 0.00	49.70 2.00 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	57.85 3.38 0.00	52.84 2.71 0.00	51.15 2.94 0.00	49.69 3.03 0.00	50.93 3.24 0.00	58.46 3.82 0.00	54.88 3.06 0.00	51.07 2.71 0.00	46.87 2.82 0.00	43.57 3.08 0.00	42.64 2.56 0.00	41.85 2.14 0.00	40.00 1.83 0.00	39.55 1.88 0.00	39.38 2.30 0.00	47.59 3.13 -4.34	60.56 4.27 -7.77	70.16 5.63 -2.64	75.38 4.30 -1.78	67.82 3.77 -2.18	59.06 4.28 -0.65	53.84 3.37 -0.86	50.90 3.20 0.00
DELAWARE___LFGE 323621	55.89 1.42 0.00	51.38 1.25 0.00	49.37 1.16 0.00	47.96 1.31 0.00	48.98 1.29 0.00	56.11 1.48 0.00	53.28 1.45 0.00	49.62 1.26 0.00	45.15 1.10 0.00	41.46 0.97 0.00	41.08 1.00 0.00	40.70 0.99 0.00	39.12 0.95 0.00	38.61 0.94 0.00	37.97 0.89 0.00	41.12 1.00 0.00	49.79 1.26 0.00	65.75 1.67 -2.18	73.79 1.94 -2.53	66.72 1.73 -3.11	56.58 1.52 -0.93	50.85 1.24 0.00	48.94 1.24 0.00
DERFIELD_115KV_TB7 355931	54.97 0.49 0.00	50.53 0.40 0.00	48.65 0.43 0.00	47.12 0.47 0.00	48.12 0.43 0.00	55.18 0.55 0.00	52.34 0.52 0.00	48.80 0.44 0.00	44.45 0.40 0.00	40.86 0.36 0.00	40.44 0.36 0.00	40.06 0.36 0.00	38.51 0.34 0.00	38.00 0.34 0.00	37.38 0.30 0.00	40.48 0.36 0.00	48.96 0.44 0.00	62.45 0.56 0.00	70.00 0.69 0.00	62.49 0.62 0.00	54.73 0.60 0.00	50.10 0.50 0.00	48.13 0.43 0.00
DOGLEVILLE___HYD 23807	55.13 0.66 0.00	50.78 0.65 0.00	48.98 0.77 0.00	47.59 0.93 0.00	48.64 0.95 0.00	55.89 1.26 0.00	53.12 1.30 0.00	49.62 1.26 0.00	45.19 1.14 0.00	41.58 1.09 0.00	41.08 1.00 0.00	40.46 0.75 0.00	38.78 0.61 0.00	38.15 0.49 0.00	37.45 0.37 0.00	40.44 0.32 0.00	48.96 0.44 0.00	62.57 0.68 0.00	70.28 1.94 0.00	62.92 1.73 0.00	55.38 1.05 0.00	50.75 1.25 0.00	48.23 1.14 0.53
DUNKIRK___115KV_TB_200 55889	52.46 -2.02 0.00	48.83 -1.30 0.00	46.38 -1.83 0.00	44.65 -2.01 0.00	45.68 -2.00 0.00	51.36 -3.28 0.00	48.20 -3.63 0.00	45.41 -2.95 0.00	41.94 -2.11 0.00	38.67 -1.82 0.00	37.99 -2.08 0.00	37.44 -2.26 0.00	35.99 -2.18 0.00	35.44 -2.22 0.00	34.93 -2.15 0.00	37.51 -2.61 0.00	44.69 -3.83 0.00	57.31 -4.58 0.00	64.25 -5.06 0.00	57.54 -4.33 0.00	49.91 -4.22 0.00	46.18 -3.42 0.00	45.41 -2.29 0.00
DUNKIRK___1 23563	52.46 -2.02 0.00	48.83 -1.30 0.00	46.38 -1.83 0.00	44.65 -2.01 0.00	45.68 -2.00 0.00	51.36 -3.28 0.00	48.20 -3.63 0.00	45.41 -2.95 0.00	41.94 -2.11 0.00	38.67 -1.82 0.00	37.99 -2.08 0.00	37.44 -2.26 0.00	35.99 -2.18 0.00	35.44 -2.22 0.00	34.93 -2.15 0.00	37.51 -2.61 0.00	44.69 -3.83 0.00	57.31 -4.58 0.00	64.25 -5.06 0.00	57.54 -4.33 0.00	49.91 -4.22 0.00	46.18 -3.42 0.00	45.41 -2.29 0.00
DUNKIRK___2 23564	52.46 -2.02 0.00	48.83 -1.30 0.00	46.38 -1.83 0.00	44.65 -2.01 0.00	45.68 -2.00 0.00	51.36 -3.28 0.00	48.20 -3.63 0.00	45.41 -2.95 0.00	41.94 -2.11 0.00	38.67 -1.82 0.00	37.99 -2.08 0.00	37.44 -2.26 0.00	35.99 -2.18 0.00	35.44 -2.22 0.00	34.93 -2.15 0.00	37.51 -2.61 0.00	44.69 -3.83 0.00	57.31 -4.58 0.00	64.25 -5.06 0.00	57.54 -4.33 0.00	49.91 -4.22 0.00	46.18 -3.42 0.00	45.41 -2.29 0.00
DUNKIRK___3 23565	52.40 -2.07 0.00	48.83 -1.30 0.00	46.23 -1.98 0.00	44.70 -1.96 0.00	45.68 -2.00 0.00	51.36 -3.28 0.00	48.20 -3.63 0.00	45.32 -3.05 0.00	41.85 -2.20 0.00	38.59 -1.90 0.00	37.91 -2.16 0.00	37.40 -2.30 0.00	35.99 -2.18 0.00	35.44 -2.22 0.00	34.93 -2.15 0.00	37.51 -2.61 0.00	44.69 -3.83 0.00	57.25 -4.64 0.00	64.04 -5.27 0.00	57.35 -4.52 0.00	49.75 -4.38 0.00	46.09 -3.52 0.00	45.36 -2.34 0.00
DUNKIRK___4 23566	52.40 -2.07 0.00	48.83 -1.30 0.00	46.23 -1.98 0.00	44.70 -1.96 0.00	45.68 -2.00 0.00	51.36 -3.28 0.00	48.20 -3.63 0.00	45.32 -3.05 0.00	41.85 -2.20 0.00	38.59 -1.90 0.00	37.91 -2.16 0.00	37.40 -2.30 0.00	35.99 -2.18 0.00	35.44 -2.22 0.00	34.93 -2.15 0.00	37.51 -2.61 0.00	44.69 -3.83 0.00	57.25 -4.64 0.00	64.04 -5.27 0.00	57.35 -4.52 0.00	49.75 -4.38 0.00	46.09 -3.52 0.00	45.36 -2.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	56.76 2.29 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.31 2.68 0.00	54.62 2.80 0.00	50.78 2.42 0.00	46.21 2.16 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.53 1.83 0.00	39.96 1.79 0.00	39.47 1.81 0.00	39.01 1.93 0.00	42.21 2.09 0.00	51.29 2.77 0.00	66.76 3.34 -1.53	74.83 3.74 -1.78	67.27 3.22 -2.18	57.76 2.98 -0.65	51.99 2.38 0.00	49.85 2.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	56.49 2.02 0.00	51.83 1.70 0.00	49.85 1.64 0.00	48.52 1.87 0.00	49.55 1.86 0.00	56.93 2.29 0.00	54.10 2.28 0.00	50.35 1.98 0.00	45.77 1.72 0.00	41.99 1.50 0.00	41.52 1.44 0.00	41.10 1.39 0.00	39.50 1.34 0.00	39.02 1.36 0.00	38.53 1.45 0.00	41.72 1.60 0.00	50.71 2.18 0.00	66.12 2.72 -1.51	74.18 3.12 -1.75	66.74 2.72 -2.15	57.26 2.49 -0.64	51.59 1.98 0.00	49.56 1.86 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	56.82 2.34 0.00	51.98 1.85 0.00	50.14 1.93 0.00	48.75 2.10 0.00	49.64 1.96 0.00	57.20 2.57 0.00	54.52 2.69 0.00	50.73 2.37 0.00	46.25 2.20 0.00	42.47 1.98 0.00	41.96 1.88 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.12 2.04 0.00	42.25 2.13 0.00	51.24 2.72 0.00	66.51 3.09 -1.53	74.62 3.53 -1.78	67.02 2.97 -2.18	57.49 2.71 -0.65	51.99 2.38 0.00	49.99 2.29 0.00
E179THST_13_KV_LOAD 356214	57.04 2.56 0.00	52.13 2.01 0.00	50.28 2.07 0.00	48.94 2.29 0.00	49.83 2.15 0.00	57.37 2.73 0.00	54.73 2.90 0.00	50.93 2.56 0.00	46.43 2.38 0.00	42.64 2.15 0.00	42.12 2.04 0.00	41.73 2.02 0.00	40.23 2.06 0.00	39.70 2.03 0.00	39.27 2.19 0.00	42.41 2.29 0.00	51.49 2.96 0.00	66.82 3.40 -1.53	74.97 3.88 -1.78	67.33 3.28 -2.18	57.76 2.98 -0.65	52.19 2.58 0.00	50.18 2.48 0.00
EAST HAMPTON___GT 23717	57.41 2.94 0.00	52.18 2.06 0.00	50.81 2.60 0.00	48.99 2.33 0.00	50.60 2.91 0.00	57.91 3.28 0.00	54.52 2.69 0.00	50.78 2.42 0.00	46.69 2.64 0.00	43.32 2.83 0.00	41.88 1.81 0.00	41.30 1.59 0.00	39.50 1.34 0.00	39.09 1.43 0.00	38.94 1.85 0.00	47.15 2.69 -4.34	59.93 3.64 -7.77	69.42 4.89 -2.64	74.62 3.53 -1.78	67.14 3.09 -2.18	58.52 3.73 -0.65	53.24 2.78 -0.86	50.37 2.67 0.00
EAST RIVER___6 23660	56.71 2.23 0.00	51.93 1.80 0.00	50.04 1.83 0.00	48.66 2.00 0.00	49.69 2.00 0.00	57.37 2.73 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.59 2.10 0.00	42.00 1.92 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.58 1.92 0.00	39.08 2.00 0.00	42.28 2.16 0.00	51.29 2.76 0.00	66.76 3.34 -1.53	74.83 3.74 -1.78	67.27 3.22 -2.18	57.76 2.98 -0.65	51.94 2.33 0.00	49.80 2.10 0.00
EAST RIVER___7 23524	56.71 2.23 0.00	51.93 1.80 0.00	50.04 1.83 0.00	48.66 2.00 0.00	49.69 2.00 0.00	57.37 2.73 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.59 2.10 0.00	42.00 1.92 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.58 1.92 0.00	39.08 2.00 0.00	42.28 2.16 0.00	51.29 2.76 0.00	66.76 3.34 -1.53	74.83 3.74 -1.78	67.27 3.22 -2.18	57.76 2.98 -0.65	51.94 2.33 0.00	49.80 2.10 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	56.71 2.23 0.00	51.98 1.85 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.69 2.00 0.00	57.26 2.62 0.00	54.52 2.69 0.00	50.69 2.32 0.00	46.12 2.07 0.00	42.35 1.86 0.00	41.84 1.76 0.00	41.45 1.75 0.00	39.88 1.72 0.00	39.40 1.73 0.00	38.90 1.82 0.00	42.13 2.01 0.00	51.15 2.62 0.00	66.64 3.22 -1.53	74.69 3.60 -1.77	67.20 3.16 -2.18	57.65 2.87 -0.65	51.94 2.33 0.00	49.80 2.10 0.00
EAST_HAMPTON___DIESEL 23722	57.31 2.83 0.00	52.08 1.95 0.00	50.72 2.51 0.00	48.89 2.24 0.00	50.50 2.81 0.00	57.80 3.17 0.00	54.41 2.59 0.00	50.69 2.32 0.00	46.60 2.55 0.00	43.25 2.75 0.00	41.80 1.72 0.00	41.21 1.51 0.00	39.39 1.22 0.00	38.98 1.32 0.00	38.83 1.74 0.00	47.03 2.57 -4.34	59.79 3.50 -7.77	69.23 4.70 -2.64	74.41 3.33 -1.78	66.96 2.91 -2.18	58.36 3.57 -0.65	53.09 2.63 -0.86	50.23 2.53 0.00
EAST_POINT___SOLAR 323840	58.18 3.71 0.00	53.39 3.26 0.00	51.54 3.32 0.00	50.06 3.40 0.00	51.17 3.48 0.00	58.73 4.10 0.00	55.61 3.78 0.00	50.83 2.47 0.00	45.59 1.54 0.00	41.26 0.77 0.00	40.76 0.68 0.00	40.82 1.11 0.00	39.12 0.95 0.00	38.61 0.94 0.00	38.38 1.30 0.00	42.69 2.57 0.00	52.02 3.50 0.00	81.95 4.70 -15.35	92.81 5.68 -17.82	88.89 5.13 -21.89	64.95 4.28 -6.55	53.28 3.67 0.00	51.14 3.44 0.00
EAST_PULASKI___ESR 323781	53.28 -1.20 0.00	49.03 -1.10 0.00	47.01 -1.20 0.00	45.63 -1.03 0.00	46.54 -1.14 0.00	53.00 -1.64 0.00	50.12 -1.71 0.00	46.72 -1.64 0.00	42.60 -1.45 0.00	39.11 -1.38 0.00	38.75 -1.32 0.00	38.43 -1.27 0.00	36.98 -1.18 0.00	36.46 -1.21 0.00	35.86 -1.22 0.00	38.76 -1.36 0.00	46.88 -1.65 0.00	60.04 -1.86 0.00	67.58 -1.73 0.00	60.38 -1.49 0.00	52.62 -1.52 0.00	48.32 -1.29 0.00	46.51 -1.19 0.00
EAST_RIVER___1 323558	56.76 2.29 0.00	51.98 1.86 0.00	50.14 1.93 0.00	48.76 2.10 0.00	49.78 2.10 0.00	57.42 2.78 0.00	54.78 2.95 0.00	50.93 2.56 0.00	46.38 2.33 0.00	42.64 2.14 0.00	42.04 1.96 0.00	41.65 1.95 0.00	40.07 1.91 0.00	39.62 1.96 0.00	39.16 2.08 0.00	42.33 2.21 0.00	51.34 2.81 0.00	66.88 3.46 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	52.04 2.43 0.00	49.90 2.20 0.00
EAST_RIVER___2 323559	56.71 2.23 0.00	51.93 1.80 0.00	50.04 1.83 0.00	48.66 2.00 0.00	49.69 2.00 0.00	57.37 2.73 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.59 2.10 0.00	42.00 1.92 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.58 1.92 0.00	39.08 2.00 0.00	42.28 2.16 0.00	51.29 2.76 0.00	66.76 3.34 -1.53	74.83 3.74 -1.78	67.27 3.22 -2.18	57.76 2.98 -0.65	51.94 2.33 0.00	49.80 2.10 0.00
EAST___DELAWARE_HYD 23607	57.04 2.56 0.00	52.33 2.20 0.00	50.28 2.07 0.00	48.89 2.24 0.00	49.98 2.29 0.00	57.42 2.78 0.00	54.47 2.64 0.00	50.64 2.27 0.00	45.94 1.89 0.00	42.15 1.66 0.00	41.64 1.56 0.00	41.18 1.47 0.00	39.58 1.41 0.00	39.09 1.43 0.00	38.57 1.48 0.00	41.84 1.72 0.00	50.85 2.33 0.00	66.63 3.15 -1.59	74.76 3.60 -1.84	67.35 3.22 -2.27	57.68 2.87 -0.68	51.94 2.33 0.00	49.90 2.20 0.00
EIGHT_POINT___WT_PWR 323820	52.57 -1.91 0.00	49.38 -0.75 0.00	46.91 -1.30 0.00	45.91 -0.75 0.00	46.97 -0.71 0.00	52.78 -1.86 0.00	49.55 -2.28 0.00	46.14 -2.22 0.00	41.98 -2.07 0.00	38.26 -2.23 0.00	37.67 -2.40 0.00	37.16 -2.54 0.00	35.49 -2.67 0.00	34.54 -3.13 0.00	34.01 -3.08 0.00	36.83 -3.29 0.00	44.64 -3.88 0.00	58.11 -4.21 -0.43	65.72 -4.09 -0.50	58.89 -3.59 -0.61	50.69 -3.63 -0.18	46.88 -2.73 0.00	45.70 -2.00 0.00
ELBRIDGE_115KV_TB2 80188	53.22 -1.25 0.00	49.13 -1.00 0.00	46.96 -1.25 0.00	45.63 -1.03 0.00	46.64 -1.05 0.00	53.21 -1.42 0.00	50.37 -1.45 0.00	47.06 -1.31 0.00	42.95 -1.10 0.00	39.48 -1.01 0.00	39.07 -1.00 0.00	38.75 -0.95 0.00	37.25 -0.92 0.00	36.76 -0.90 0.00	36.23 -0.85 0.00	39.12 -1.00 0.00	47.17 -1.36 0.00	60.16 -1.73 0.00	67.44 -1.87 0.00	60.20 -1.67 0.00	52.51 -1.62 0.00	48.17 -1.44 0.00	46.51 -1.19 0.00
ELEC_TRO_TEK 24086	57.31 2.83 0.00	52.48 2.36 0.00	50.57 2.36 0.00	49.17 2.52 0.00	50.26 2.58 0.00	57.80 3.17 0.00	54.99 3.16 0.00	51.02 2.66 0.00	46.52 2.47 0.00	42.88 2.39 0.00	42.28 2.20 0.00	41.81 2.10 0.00	40.15 1.98 0.00	39.70 2.03 0.00	39.35 2.26 0.00	47.07 2.61 -4.34	59.64 3.35 -7.77	68.68 4.15 -2.64	75.25 4.16 -1.78	67.76 3.71 -2.18	58.41 3.63 -0.65	53.49 3.03 -0.86	50.42 2.72 0.00

ELLENBURG_WT_PWR 323604	54.47 0.00 0.00	50.18 0.05 0.00	49.27 1.06 0.00	46.47 -0.19 0.00	47.74 0.05 0.00	54.91 0.27 0.00	52.09 0.26 0.00	48.70 0.34 0.00	44.27 0.22 0.00	40.78 0.29 0.00	40.36 0.28 0.00	39.95 0.24 0.00	38.28 0.11 0.00	37.70 0.04 0.00	37.01 -0.07 0.00	40.08 -0.04 0.00	48.53 0.00 0.00	62.14 0.25 0.00	69.80 0.49 0.00	62.43 0.56 0.00	54.62 0.49 0.00	50.25 0.64 0.00	48.18 0.48 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	51.97 -2.51 0.00	48.52 -1.60 0.00	45.70 -2.51 0.00	44.37 -2.29 0.00	45.40 -2.29 0.00	50.87 -3.77 0.00	47.58 -4.25 0.00	44.78 -3.58 0.00	41.36 -2.69 0.00	38.14 -2.35 0.00	37.51 -2.56 0.00	37.05 -2.66 0.00	35.69 -2.48 0.00	35.18 -2.49 0.00	34.71 -2.37 0.00	37.23 -2.89 0.00	44.25 -4.27 0.00	56.57 -5.32 0.00	63.07 -6.24 0.00	56.42 -5.44 0.00	48.99 -5.14 0.00	45.49 -4.12 0.00	44.93 -2.77 0.00
EMPIRE_CC_1 323656	56.11 1.63 0.00	51.53 1.40 0.00	49.51 1.30 0.00	48.33 1.68 0.00	49.17 1.48 0.00	56.44 1.80 0.00	53.69 1.86 0.00	49.96 1.59 0.00	45.46 1.41 0.00	41.91 1.42 0.00	41.44 1.36 0.00	41.09 1.39 0.00	39.50 1.34 0.00	39.06 1.39 0.00	38.49 1.41 0.00	41.68 1.56 0.00	50.27 1.74 0.00	68.32 2.04 -4.39	76.49 2.08 -5.10	69.93 1.80 -6.27	57.95 1.95 -1.88	51.19 1.59 0.00	49.23 1.53 0.00
EMPIRE_CC_2 323658	56.11 1.63 0.00	51.53 1.40 0.00	49.51 1.30 0.00	48.33 1.68 0.00	49.17 1.48 0.00	56.44 1.80 0.00	53.69 1.86 0.00	49.96 1.59 0.00	45.46 1.41 0.00	41.91 1.42 0.00	41.44 1.36 0.00	41.09 1.39 0.00	39.50 1.34 0.00	39.06 1.39 0.00	38.49 1.41 0.00	41.68 1.56 0.00	50.27 1.74 0.00	68.32 2.04 -4.39	76.49 2.08 -5.10	69.93 1.80 -6.27	57.95 1.95 -1.88	51.19 1.59 0.00	49.23 1.53 0.00
ENORWICH_115KV_TB1 80156	57.91 3.43 0.00	53.99 3.86 0.00	51.25 3.04 0.00	49.97 3.31 0.00	51.12 3.43 0.00	58.46 3.82 0.00	55.25 3.42 0.00	51.31 2.95 0.00	46.43 2.38 0.00	42.39 1.90 0.00	41.96 1.88 0.00	41.37 1.67 0.00	39.69 1.53 0.00	39.06 1.39 0.00	38.38 1.30 0.00	41.76 1.64 0.00	50.66 2.14 0.00	66.50 3.59 -1.02	75.21 4.71 -1.18	67.59 4.27 -1.46	57.87 3.30 -0.44	52.58 2.98 0.00	50.66 2.96 0.00
ERIE_ST__34_KV_TB1-2 80199	53.11 -1.36 0.00	49.48 -0.65 0.00	46.67 -1.54 0.00	45.30 -1.35 0.00	46.35 -1.34 0.00	52.01 -2.62 0.00	48.82 -3.01 0.00	45.90 -2.47 0.00	42.29 -1.76 0.00	38.99 -1.50 0.00	38.31 -1.76 0.00	37.84 -1.87 0.00	36.45 -1.72 0.00	35.93 -1.73 0.00	35.41 -1.67 0.00	38.03 -2.09 0.00	45.32 -3.20 0.00	57.99 -3.90 0.00	64.81 -4.51 0.00	58.03 -3.84 0.00	50.34 -3.79 0.00	46.63 -2.98 0.00	45.89 -1.81 0.00
ERIE_WT_PWR 323693	52.40 -2.07 0.00	48.93 -1.20 0.00	46.04 -2.17 0.00	44.79 -1.87 0.00	45.78 -1.91 0.00	51.36 -3.28 0.00	47.94 -3.89 0.00	45.17 -3.19 0.00	41.76 -2.29 0.00	38.47 -2.02 0.00	37.91 -2.16 0.00	37.44 -2.26 0.00	35.99 -2.17 0.00	35.25 -2.41 0.00	34.82 -2.26 0.00	37.39 -2.73 0.00	44.74 -3.79 0.00	57.13 -4.76 0.00	63.76 -5.55 0.00	57.04 -4.83 0.00	49.31 -4.82 0.00	45.94 -3.67 0.00	45.36 -2.34 0.00
ESPRGFLD_115KV_TB1 80157	56.49 2.02 0.00	51.88 1.75 0.00	49.95 1.74 0.00	48.52 1.87 0.00	49.59 1.91 0.00	56.82 2.19 0.00	53.90 2.07 0.00	49.96 1.60 0.00	45.33 1.28 0.00	41.46 0.97 0.00	41.08 1.00 0.00	40.78 1.07 0.00	39.16 0.99 0.00	38.61 0.94 0.00	38.01 0.93 0.00	41.44 1.32 0.00	50.37 1.84 0.00	75.37 2.60 -10.88	85.20 3.26 -12.63	80.29 2.91 -15.52	61.15 2.38 -4.64	51.59 1.98 0.00	49.56 1.86 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	54.91 0.44 0.00	50.68 0.55 0.00	48.45 0.24 0.00	47.08 0.42 0.00	48.12 0.43 0.00	54.96 0.33 0.00	51.98 0.16 0.00	48.46 0.10 0.00	44.14 0.09 0.00	40.45 -0.04 0.00	40.00 -0.08 0.00	39.59 -0.12 0.00	38.05 -0.11 0.00	37.55 -0.11 0.00	36.97 -0.11 0.00	40.04 -0.08 0.00	48.43 -0.10 0.00	62.51 0.12 -0.50	70.31 0.42 -0.58	62.89 0.31 -0.71	54.40 0.05 -0.21	49.71 0.10 0.00	47.94 0.24 0.00
ETNA____115KV_TB2 80207	54.91 0.44 0.00	50.68 0.55 0.00	48.45 0.24 0.00	47.08 0.42 0.00	48.12 0.43 0.00	54.96 0.33 0.00	51.98 0.16 0.00	48.46 0.10 0.00	44.14 0.09 0.00	40.45 -0.04 0.00	40.00 -0.08 0.00	39.59 -0.12 0.00	38.05 -0.11 0.00	37.55 -0.11 0.00	36.97 -0.11 0.00	40.04 -0.08 0.00	48.43 -0.10 0.00	62.51 0.12 -0.50	70.31 0.42 -0.58	62.89 0.31 -0.71	54.40 0.05 -0.21	49.71 0.10 0.00	47.94 0.24 0.00
EUCLID__115KV_TB2 356179	52.79 -1.69 0.00	48.68 -1.45 0.00	46.62 -1.59 0.00	45.26 -1.40 0.00	46.26 -1.43 0.00	52.78 -1.86 0.00	49.96 -1.87 0.00	46.67 -1.69 0.00	42.64 -1.41 0.00	39.19 -1.30 0.00	38.79 -1.28 0.00	38.47 -1.23 0.00	37.02 -1.15 0.00	36.53 -1.13 0.00	36.01 -1.08 0.00	38.88 -1.24 0.00	46.83 -1.70 0.00	59.73 -2.17 0.00	66.95 -2.36 0.00	59.70 -2.17 0.00	52.13 -2.00 0.00	47.82 -1.79 0.00	46.17 -1.53 0.00
E_CANADA_CAP_HY 24051	57.20 2.72 0.00	52.49 2.36 0.00	50.62 2.41 0.00	49.13 2.47 0.00	50.21 2.53 0.00	57.58 2.95 0.00	54.62 2.80 0.00	50.30 1.94 0.00	45.59 1.54 0.00	41.58 1.09 0.00	41.16 1.08 0.00	40.94 1.23 0.00	39.27 1.11 0.00	38.79 1.13 0.00	38.27 1.19 0.00	41.88 1.76 0.00	51.05 2.52 0.00	79.54 3.53 -14.12	90.00 4.30 -16.39	85.84 3.84 -20.13	63.40 3.25 -6.02	52.33 2.73 0.00	50.28 2.57 0.00
E_CANADA_MHWK_HY 24050	55.13 0.66 0.00	50.78 0.65 0.00	48.98 0.77 0.00	47.59 0.93 0.00	48.64 0.95 0.00	55.89 1.26 0.00	53.12 1.30 0.00	49.62 1.26 0.00	45.19 1.14 0.00	41.58 1.09 0.00	41.08 1.00 0.00	40.46 0.75 0.00	38.78 0.61 0.00	38.15 0.49 0.00	37.45 0.37 0.00	40.44 0.32 0.00	48.96 0.44 0.00	62.57 0.68 0.00	70.28 0.97 0.00	62.92 1.05 0.00	55.38 1.25 0.00	50.75 1.14 0.00	48.23 0.53 0.00
E_FISHKILL__LBMP 23776	56.49 2.02 0.00	51.78 1.65 0.00	49.85 1.64 0.00	48.47 1.82 0.00	49.50 1.81 0.00	56.93 2.29 0.00	54.21 2.38 0.00	50.44 2.08 0.00	45.86 1.81 0.00	42.15 1.66 0.00	41.64 1.56 0.00	41.25 1.55 0.00	39.69 1.53 0.00	39.17 1.51 0.00	38.68 1.59 0.00	41.89 1.77 0.00	50.85 2.33 0.00	66.28 2.85 -1.54	74.22 3.12 -1.79	66.80 2.72 -2.20	57.33 2.54 -0.66	51.64 2.03 0.00	49.56 1.86 0.00
FALCON__SEABRD_CC1 323796	54.64 0.16 0.00	50.38 0.25 0.00	50.48 2.27 0.00	46.66 0.00 0.00	48.12 0.43 0.00	55.46 0.82 0.00	52.70 0.88 0.00	49.28 0.92 0.00	44.84 0.79 0.00	41.34 0.85 0.00	40.92 0.84 0.00	40.46 0.75 0.00	38.70 0.53 0.00	38.04 0.38 0.00	37.27 0.19 0.00	40.36 0.24 0.00	48.87 0.34 0.00	62.64 0.75 0.00	70.62 1.31 0.00	63.23 1.36 0.00	55.32 1.19 0.00	50.99 1.39 0.00	48.99 1.29 0.00

FALCON___SEABRD_CC2 323797	54.64 0.16 0.00	50.38 0.25 0.00	50.48 2.27 0.00	46.66 0.00 0.00	48.12 0.43 0.00	55.46 0.82 0.00	52.70 0.88 0.00	49.28 0.92 0.00	44.84 0.79 0.00	41.34 0.85 0.00	40.92 0.84 0.00	40.46 0.75 0.00	38.70 0.53 0.00	38.04 0.38 0.00	37.27 0.19 0.00	40.36 0.24 0.00	48.87 0.34 0.00	62.64 0.75 0.00	70.62 1.31 0.00	63.23 1.36 0.00	55.32 1.19 0.00	50.99 1.39 0.00	48.99 1.29 0.00
FAR ROCKAWAY___4 23548	58.02 3.54 0.00	53.14 3.01 0.00	51.15 2.94 0.00	49.73 3.08 0.00	50.83 3.15 0.00	58.46 3.82 0.00	55.61 3.78 0.00	51.65 3.29 0.00	47.05 3.00 0.00	43.33 2.83 0.00	42.72 2.65 0.00	42.21 2.50 0.00	40.53 2.37 0.00	40.07 2.41 0.00	39.75 2.67 0.00	47.51 3.05 -4.34	60.22 3.93 -7.77	69.48 4.95 -2.64	76.22 5.13 -1.78	68.57 4.52 -2.18	59.11 4.33 -0.65	54.19 3.72 -0.86	51.04 3.34 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	56.76 2.29 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.80 2.15 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.78 2.95 0.00	50.93 2.56 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.45 3.40 -2.18	57.81 3.03 -0.65	52.04 2.43 0.00	49.94 2.24 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	56.82 2.34 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.80 2.15 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.78 2.95 0.00	50.93 2.56 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.95 3.53 -1.53	75.04 3.95 -1.78	67.45 3.40 -2.18	57.81 3.03 -0.65	52.04 2.43 0.00	49.94 2.24 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	56.76 2.29 0.00	51.98 1.85 0.00	50.09 1.88 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.52 2.02 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.55 1.88 0.00	39.09 2.00 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.76 2.98 -0.65	52.04 2.43 0.00	49.90 2.19 0.00
FARRAGUT___LBMP 323566	56.71 2.23 0.00	51.98 1.85 0.00	50.09 1.88 0.00	48.75 2.10 0.00	49.74 2.05 0.00	57.37 2.73 0.00	54.68 2.85 0.00	50.83 2.47 0.00	46.30 2.25 0.00	42.52 2.02 0.00	41.96 1.88 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.09 2.00 0.00	42.25 2.13 0.00	51.34 2.81 0.00	66.82 3.40 -1.53	74.90 3.81 -1.78	67.33 3.28 -2.18	57.76 2.98 -0.65	51.99 2.38 0.00	49.90 2.19 0.00
FENNER___WINDPWR 24204	55.18 0.71 0.00	50.83 0.70 0.00	48.79 0.58 0.00	47.36 0.70 0.00	48.35 0.67 0.00	55.24 0.60 0.00	52.29 0.47 0.00	48.75 0.39 0.00	44.40 0.35 0.00	40.74 0.24 0.00	40.32 0.24 0.00	39.95 0.24 0.00	38.44 0.27 0.00	37.89 0.23 0.00	37.27 0.19 0.00	40.40 0.28 0.00	48.87 0.34 0.00	62.57 0.68 0.00	70.28 0.97 0.00	62.80 0.93 0.00	54.73 0.60 0.00	50.21 0.60 0.00	48.28 0.57 0.00
FIBERTEK___ENERGY 23856	53.49 -0.98 0.00	49.33 -0.80 0.00	47.20 -1.01 0.00	45.86 -0.79 0.00	46.88 -0.81 0.00	53.49 -1.15 0.00	50.63 -1.19 0.00	47.30 -1.06 0.00	43.21 -0.84 0.00	39.72 -0.77 0.00	39.27 -0.80 0.00	38.99 -0.71 0.00	37.52 -0.65 0.00	37.02 -0.64 0.00	36.45 -0.63 0.00	39.36 -0.76 0.00	47.41 -1.12 0.00	60.53 -1.36 0.00	67.86 -1.46 0.00	60.57 -1.30 0.00	52.83 -1.30 0.00	48.47 -1.14 0.00	46.75 -0.95 0.00
FITZPATRICK____ 23598	52.19 -2.29 0.00	48.12 -2.01 0.00	46.09 -2.12 0.00	44.74 -1.91 0.00	45.69 -2.00 0.00	52.18 -2.46 0.00	49.44 -2.38 0.00	46.19 -2.18 0.00	42.16 -1.89 0.00	38.75 -1.74 0.00	38.35 -1.72 0.00	38.04 -1.67 0.00	36.60 -1.57 0.00	36.08 -1.58 0.00	35.56 -1.52 0.00	38.40 -1.72 0.00	46.29 -2.23 0.00	59.05 -2.85 0.00	66.19 -3.12 0.00	59.02 -2.84 0.00	51.53 -2.60 0.00	47.33 -2.28 0.00	45.65 -2.05 0.00
FLOWRFLD_69_KV_BK1 356044	58.02 3.54 0.00	53.04 2.91 0.00	51.15 2.94 0.00	49.73 3.08 0.00	50.93 3.24 0.00	58.46 3.82 0.00	55.25 3.42 0.00	51.31 2.95 0.00	46.87 2.82 0.00	43.41 2.92 0.00	42.72 2.65 0.00	42.09 2.38 0.00	40.34 2.18 0.00	39.92 2.26 0.00	39.72 2.63 0.00	47.75 3.29 -4.34	60.66 4.37 -7.77	70.10 5.57 -2.64	76.01 4.92 -1.78	68.38 4.33 -2.18	59.28 4.49 -0.65	54.24 3.77 -0.86	51.14 3.43 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	57.14 2.67 0.00	52.43 2.31 0.00	50.43 2.22 0.00	49.03 2.38 0.00	50.07 2.38 0.00	57.64 3.00 0.00	54.73 2.90 0.00	50.93 2.56 0.00	46.25 2.20 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.49 1.79 0.00	39.88 1.72 0.00	39.36 1.69 0.00	38.90 1.82 0.00	42.17 2.05 0.00	51.29 2.77 0.00	66.92 3.47 -1.56	75.08 3.95 -1.82	67.56 3.46 -2.23	57.88 3.09 -0.67	52.19 2.58 0.00	50.13 2.43 0.00
FORT ORANGE____ 23900	56.87 2.39 0.00	52.23 2.11 0.00	50.24 2.02 0.00	48.85 2.19 0.00	49.88 2.19 0.00	57.20 2.57 0.00	54.31 2.49 0.00	50.44 2.08 0.00	45.81 1.76 0.00	42.11 1.62 0.00	41.68 1.60 0.00	41.30 1.59 0.00	39.65 1.49 0.00	39.25 1.58 0.00	38.68 1.59 0.00	41.88 1.76 0.00	50.81 2.28 0.00	71.67 2.72 -7.06	80.56 3.05 -8.20	74.66 2.72 -10.07	59.64 2.49 -3.01	51.84 2.23 0.00	49.90 2.20 0.00
FORT_DRUM_COGEN 23780	54.75 0.27 0.00	50.28 0.15 0.00	48.36 0.14 0.00	46.80 0.14 0.00	47.69 0.00 0.00	54.14 -0.49 0.00	51.05 -0.78 0.00	47.40 -0.97 0.00	42.86 -1.19 0.00	39.24 -1.26 0.00	38.91 -1.16 0.00	38.51 -1.19 0.00	37.02 -1.15 0.00	36.50 -1.17 0.00	35.86 -1.22 0.00	39.04 -1.08 0.00	47.51 -1.02 0.00	61.52 -0.37 0.00	69.80 0.49 0.00	62.61 0.74 0.00	54.46 0.32 0.00	49.86 0.25 0.00	47.70 0.00 0.00
FOX_HILLS___ESR 323835	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.65 2.52 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.57 3.16 -4.59	60.43 2.81 -9.26	60.41 2.60 -13.77	59.71 2.39 -16.83	59.18 2.24 -16.86	59.18 2.22 -17.25	59.12 2.21 -18.74	57.96 2.22 -18.07	58.02 2.37 -18.56	57.80 2.49 -15.20	62.33 3.20 -10.60	68.96 3.53 -3.54	75.33 4.09 -1.93	68.96 3.46 -3.63	59.84 3.25 -2.46	58.80 2.83 -6.37	58.17 2.62 -7.84
FPL FAR_ROCK_GT1 24212	58.01 3.54 0.00	53.09 2.96 0.00	51.15 2.94 0.00	49.69 3.03 0.00	50.88 3.20 0.00	58.40 3.77 0.00	55.61 3.78 0.00	51.65 3.29 0.00	47.09 3.04 0.00	43.37 2.88 0.00	42.64 2.57 0.00	42.21 2.50 0.00	40.57 2.41 0.00	40.15 2.49 0.00	39.79 2.71 0.00	47.59 3.13 -4.34	60.22 3.93 -7.77	69.49 4.95 -2.64	76.22 5.13 -1.78	68.56 4.51 -2.18	59.22 4.44 -0.65	54.14 3.67 -0.86	51.04 3.34 0.00



FPL FAR_ROCK_GT2 23815	58.01 3.54 0.00	53.09 2.96 0.00	51.15 2.94 0.00	49.69 3.03 0.00	50.88 3.20 0.00	58.40 3.77 0.00	55.61 3.78 0.00	51.65 3.29 0.00	47.09 3.04 0.00	43.37 2.88 0.00	42.64 2.57 0.00	42.21 2.50 0.00	40.57 2.41 0.00	40.15 2.49 0.00	39.79 2.71 0.00	47.59 3.13 -4.34	60.22 3.93 -7.77	69.49 4.95 -2.64	76.22 5.13 -1.78	68.56 4.51 -2.18	59.22 4.44 -0.65	54.14 3.67 -0.86	51.04 3.34 0.00
FRANKLIN_FALL_HYD 24054	55.24 0.76 0.00	50.93 0.80 0.00	49.71 1.49 0.00	47.03 0.37 0.00	48.31 0.62 0.00	55.56 0.93 0.00	52.65 0.83 0.00	49.14 0.77 0.00	44.58 0.53 0.00	41.02 0.53 0.00	40.60 0.52 0.00	40.26 0.56 0.00	38.59 0.42 0.00	37.97 0.30 0.00	37.27 0.19 0.00	40.44 0.32 0.00	49.01 0.49 0.00	62.88 0.99 0.00	70.84 1.52 0.00	63.35 1.48 0.00	55.32 1.19 0.00	50.90 1.29 0.00	48.75 1.05 0.00
FREEPORT_EQUS_GT1 23764	57.69 3.21 0.00	52.73 2.61 0.00	50.86 2.65 0.00	49.31 2.66 0.00	50.55 2.86 0.00	58.02 3.39 0.00	55.24 3.42 0.00	51.31 2.95 0.00	46.78 2.73 0.00	43.16 2.67 0.00	42.40 2.32 0.00	41.97 2.26 0.00	40.34 2.17 0.00	39.96 2.30 0.00	39.61 2.52 0.00	47.43 2.97 -4.34	60.03 3.74 -7.77	69.23 4.70 -2.64	75.73 4.64 -1.78	68.20 4.15 -2.18	58.90 4.11 -0.65	53.89 3.42 -0.86	50.80 3.10 0.00
FREEPORT___CT2 23818	57.69 3.21 0.00	52.73 2.61 0.00	50.86 2.65 0.00	49.31 2.66 0.00	50.55 2.86 0.00	58.02 3.39 0.00	55.24 3.42 0.00	51.31 2.95 0.00	46.78 2.73 0.00	43.16 2.67 0.00	42.40 2.32 0.00	41.97 2.26 0.00	40.34 2.17 0.00	39.96 2.30 0.00	39.61 2.52 0.00	47.43 2.97 -4.34	60.03 3.74 -7.77	69.23 4.70 -2.64	75.73 4.64 -1.78	68.20 4.15 -2.18	58.90 4.11 -0.65	53.89 3.42 -0.86	50.80 3.10 0.00
FRESHKLS_33_KV_LOAD 356253	59.17 2.61 -2.08	58.32 2.21 -5.99	58.31 2.27 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.40 3.06 -0.70	59.52 3.11 -4.59	60.33 2.71 -9.26	60.28 2.47 -13.77	59.63 2.31 -16.83	59.10 2.16 -16.86	59.10 2.14 -17.25	59.04 2.14 -18.74	57.88 2.15 -18.07	57.94 2.30 -18.56	57.72 2.41 -15.20	62.23 3.11 -10.60	68.78 3.34 -3.54	75.12 3.88 -1.93	68.78 3.28 -3.63	59.79 3.19 -2.46	58.80 2.83 -6.37	58.21 2.67 -7.84
FULTON COGEN____ 23766	52.62 -1.85 0.00	48.52 -1.60 0.00	46.48 -1.74 0.00	45.12 -1.54 0.00	46.07 -1.62 0.00	52.61 -2.02 0.00	49.80 -2.02 0.00	46.53 -1.84 0.00	42.46 -1.59 0.00	39.07 -1.42 0.00	38.63 -1.44 0.00	38.32 -1.39 0.00	36.87 -1.30 0.00	36.38 -1.28 0.00	35.82 -1.26 0.00	38.68 -1.44 0.00	46.63 -1.89 0.00	59.54 -2.35 0.00	66.75 -2.56 0.00	59.58 -2.29 0.00	51.97 -2.17 0.00	47.72 -1.89 0.00	45.98 -1.72 0.00
FULTON___LFGE 323630	57.80 3.32 0.00	53.04 2.91 0.00	51.15 2.94 0.00	49.69 3.03 0.00	50.79 3.10 0.00	58.24 3.61 0.00	55.30 3.47 0.00	50.93 2.56 0.00	46.08 2.03 0.00	42.11 1.62 0.00	41.64 1.56 0.00	41.45 1.75 0.00	39.73 1.57 0.00	39.28 1.62 0.00	38.75 1.67 0.00	42.37 2.25 0.00	51.63 3.11 0.00	81.73 4.21 -15.62	92.43 4.99 -18.13	88.66 4.51 -22.27	64.58 3.79 -6.66	52.83 3.22 0.00	50.76 3.06 0.00
G.F.CEMENT___DRP 24184	58.40 3.92 0.00	53.64 3.51 0.00	51.78 3.57 0.00	50.39 3.73 0.00	51.45 3.77 0.00	59.06 4.43 0.00	56.28 4.46 0.00	52.09 3.72 0.00	47.22 3.17 0.00	43.20 2.71 0.00	42.84 2.77 0.00	42.48 2.78 0.00	40.72 2.56 0.00	40.26 2.60 0.00	39.68 2.60 0.00	43.01 2.89 0.00	52.31 3.78 0.00	82.66 4.89 -15.88	93.41 5.27 -18.83	89.64 4.64 -23.13	65.00 3.95 -6.92	53.03 3.42 0.00	51.14 3.43 0.00
GARDENVILLE___LBMP 24039	52.19 -2.29 0.00	48.73 -1.40 0.00	45.95 -2.27 0.00	44.56 -2.10 0.00	45.59 -2.10 0.00	51.14 -3.50 0.00	47.83 -3.99 0.00	45.03 -3.34 0.00	41.58 -2.47 0.00	38.34 -2.15 0.00	37.67 -2.40 0.00	37.20 -2.50 0.00	35.84 -2.33 0.00	35.33 -2.34 0.00	34.86 -2.22 0.00	37.39 -2.73 0.00	44.45 -4.08 0.00	56.88 -5.01 0.00	63.49 -5.82 0.00	56.80 -5.07 0.00	49.31 -4.82 0.00	45.74 -3.87 0.00	45.17 -2.53 0.00
GARDNVLA_35_KV_LD 355827	52.62 -1.85 0.00	49.13 -1.00 0.00	46.23 -1.98 0.00	44.93 -1.73 0.00	45.92 -1.76 0.00	51.52 -3.11 0.00	48.20 -3.63 0.00	45.41 -2.95 0.00	41.94 -2.11 0.00	38.67 -1.82 0.00	37.99 -2.08 0.00	37.52 -2.18 0.00	36.14 -2.02 0.00	35.63 -2.03 0.00	35.15 -1.93 0.00	37.71 -2.41 0.00	44.84 -3.69 0.00	57.37 -4.52 0.00	63.97 -5.34 0.00	57.23 -4.64 0.00	49.69 -4.44 0.00	46.09 -3.52 0.00	45.51 -2.19 0.00
GELCKHM___115KV_LOAD 80723	53.06 -1.42 0.00	48.93 -1.20 0.00	46.81 -1.40 0.00	45.49 -1.17 0.00	46.45 -1.24 0.00	53.05 -1.58 0.00	50.22 -1.61 0.00	46.91 -1.45 0.00	42.82 -1.23 0.00	39.40 -1.09 0.00	38.95 -1.12 0.00	38.63 -1.07 0.00	37.17 -0.99 0.00	36.72 -0.94 0.00	36.16 -0.93 0.00	39.04 -1.08 0.00	47.02 -1.50 0.00	60.03 -1.86 0.00	67.23 -2.08 0.00	60.01 -1.86 0.00	52.34 -1.79 0.00	48.07 -1.54 0.00	46.37 -1.34 0.00
GENERAL___MILLS 23808	52.46 -2.02 0.00	48.93 -1.20 0.00	46.09 -2.12 0.00	44.79 -1.87 0.00	45.78 -1.91 0.00	51.36 -3.28 0.00	48.09 -3.73 0.00	45.22 -3.14 0.00	41.76 -2.29 0.00	38.51 -1.98 0.00	37.83 -2.24 0.00	37.36 -2.34 0.00	35.99 -2.18 0.00	35.48 -2.18 0.00	35.01 -2.08 0.00	37.55 -2.57 0.00	44.64 -3.88 0.00	57.13 -4.77 0.00	63.77 -5.54 0.00	57.04 -4.83 0.00	49.53 -4.60 0.00	45.94 -3.67 0.00	45.36 -2.34 0.00
GE_PLASTICS___DRP 24183	56.27 1.80 0.00	51.73 1.60 0.00	49.75 1.54 0.00	48.33 1.68 0.00	49.36 1.67 0.00	56.60 1.97 0.00	53.79 1.97 0.00	50.01 1.64 0.00	45.50 1.45 0.00	41.83 1.34 0.00	41.40 1.32 0.00	41.02 1.31 0.00	39.43 1.26 0.00	38.94 1.28 0.00	38.38 1.30 0.00	41.52 1.40 0.00	50.32 1.80 0.00	70.08 2.17 -6.02	78.66 2.36 -6.99	72.56 2.10 -8.59	58.65 1.95 -2.57	51.34 1.74 0.00	49.37 1.67 0.00
GILBOA___1 23756	55.78 1.31 0.00	51.23 1.10 0.00	49.27 1.06 0.00	47.87 1.21 0.00	48.88 1.19 0.00	56.05 1.42 0.00	53.27 1.45 0.00	49.62 1.26 0.00	45.15 1.10 0.00	41.50 1.01 0.00	41.16 1.08 0.00	40.78 1.07 0.00	39.23 1.07 0.00	38.76 1.09 0.00	38.05 0.96 0.00	41.20 1.08 0.00	49.88 1.36 0.00	64.40 1.55 -0.96	72.16 1.73 -1.12	64.73 1.48 -1.38	56.06 1.51 -0.41	50.85 1.24 0.00	48.89 1.19 0.00
GILBOA___2 23757	55.78 1.31 0.00	51.23 1.10 0.00	49.27 1.06 0.00	47.87 1.21 0.00	48.88 1.19 0.00	56.05 1.42 0.00	53.27 1.45 0.00	49.62 1.26 0.00	45.15 1.10 0.00	41.50 1.01 0.00	41.16 1.08 0.00	40.78 1.07 0.00	39.23 1.07 0.00	38.76 1.09 0.00	38.05 0.96 0.00	41.20 1.08 0.00	49.88 1.36 0.00	64.40 1.55 -0.96	72.16 1.73 -1.12	64.73 1.48 -1.38	56.06 1.51 -0.41	50.85 1.24 0.00	48.89 1.19 0.00

GILBOA___3 23758	55.78 1.31 0.00	51.23 1.10 0.00	49.27 1.06 0.00	47.87 1.21 0.00	48.88 1.19 0.00	56.05 1.42 0.00	53.27 1.45 0.00	49.62 1.26 0.00	45.15 1.10 0.00	41.50 1.01 0.00	41.16 1.08 0.00	40.78 1.07 0.00	39.23 1.07 0.00	38.76 1.09 0.00	38.05 0.96 0.00	41.20 1.08 0.00	49.88 1.36 0.00	64.40 1.55 -0.96	72.16 1.73 -1.12	64.73 1.48 -1.38	56.06 1.51 -0.41	50.85 1.24 0.00	48.89 1.19 0.00
GILBOA___4 23759	55.78 1.31 0.00	51.23 1.10 0.00	49.27 1.06 0.00	47.87 1.21 0.00	48.88 1.19 0.00	56.05 1.42 0.00	53.27 1.45 0.00	49.62 1.26 0.00	45.15 1.10 0.00	41.50 1.01 0.00	41.16 1.08 0.00	40.78 1.07 0.00	39.23 1.07 0.00	38.76 1.09 0.00	38.05 0.96 0.00	41.20 1.08 0.00	49.88 1.36 0.00	64.40 1.55 -0.96	72.16 1.73 -1.12	64.73 1.48 -1.38	56.06 1.51 -0.41	50.85 1.24 0.00	48.89 1.19 0.00
GILBOA___ 23599	55.78 1.31 0.00	51.23 1.10 0.00	49.27 1.06 0.00	47.87 1.21 0.00	48.88 1.19 0.00	56.06 1.42 0.00	53.28 1.45 0.00	49.62 1.26 0.00	45.15 1.10 0.00	41.50 1.01 0.00	41.16 1.08 0.00	40.78 1.07 0.00	39.24 1.07 0.00	38.72 1.05 0.00	38.05 0.96 0.00	41.16 1.04 0.00	49.88 1.36 0.00	64.40 1.55 -0.96	72.16 1.73 -1.12	64.73 1.48 -1.38	56.06 1.52 -0.41	50.85 1.24 0.00	48.89 1.19 0.00
GINNA___ 23603	50.11 -4.36 0.00	46.52 -3.61 0.00	44.16 -4.05 0.00	42.97 -3.69 0.00	43.97 -3.72 0.00	49.77 -4.86 0.00	46.80 -5.03 0.00	44.01 -4.35 0.00	40.44 -3.61 0.00	37.13 -3.36 0.00	36.79 -3.29 0.00	36.45 -3.26 0.00	35.04 -3.13 0.00	34.42 -3.24 0.00	33.93 -3.15 0.00	36.55 -3.57 0.00	44.01 -4.51 0.00	56.07 -5.82 0.00	62.79 -6.52 0.00	56.05 -5.82 0.00	48.67 -5.47 0.00	44.94 -4.67 0.00	43.69 -4.01 0.00
GLEN PARK___ 23778	54.91 0.43 0.00	50.38 0.25 0.00	48.45 0.24 0.00	46.94 0.28 0.00	47.78 0.10 0.00	54.26 -0.38 0.00	51.10 -0.73 0.00	47.40 -0.97 0.00	42.82 -1.23 0.00	39.19 -1.30 0.00	38.87 -1.20 0.00	38.47 -1.23 0.00	36.98 -1.18 0.00	36.42 -1.24 0.00	35.82 -1.26 0.00	39.00 -1.12 0.00	47.50 -1.02 0.00	61.58 -0.31 0.00	70.07 0.76 0.00	62.80 0.93 0.00	54.56 0.43 0.00	49.96 0.35 0.00	47.80 0.10 0.00
GLENDALE_27_KV_LOAD 356172	57.09 2.61 0.00	52.28 2.16 0.00	50.38 2.17 0.00	49.03 2.38 0.00	50.02 2.34 0.00	57.69 3.06 0.00	54.99 3.16 0.00	51.17 2.81 0.00	46.65 2.60 0.00	42.84 2.35 0.00	42.28 2.20 0.00	41.89 2.18 0.00	40.38 2.21 0.00	39.89 2.22 0.00	39.42 2.34 0.00	42.61 2.49 0.00	51.68 3.15 0.00	67.13 3.71 -1.53	75.31 4.23 -1.78	67.64 3.59 -2.18	58.03 3.25 -0.65	52.34 2.73 0.00	50.23 2.53 0.00
GLENWOOD_IC_1_G1 23712	57.63 3.16 0.00	52.74 2.61 0.00	50.81 2.60 0.00	49.41 2.75 0.00	50.50 2.81 0.00	58.08 3.44 0.00	55.25 3.42 0.00	51.31 2.95 0.00	46.74 2.69 0.00	43.08 2.59 0.00	42.48 2.40 0.00	42.01 2.30 0.00	40.34 2.18 0.00	39.89 2.22 0.00	39.57 2.48 0.00	47.31 2.85 -4.34	59.98 3.69 -7.77	69.11 4.58 -2.64	75.73 4.64 -1.78	68.13 4.08 -2.18	58.73 3.95 -0.65	53.79 3.32 -0.86	50.71 3.01 0.00
GLENWOOD_IC_2_G1 23688	57.47 2.99 0.00	52.58 2.46 0.00	50.72 2.51 0.00	49.22 2.56 0.00	50.40 2.72 0.00	57.86 3.22 0.00	55.14 3.32 0.00	51.22 2.85 0.00	46.69 2.64 0.00	43.04 2.55 0.00	42.32 2.24 0.00	41.89 2.18 0.00	40.27 2.10 0.00	39.85 2.18 0.00	39.49 2.41 0.00	47.27 2.81 -4.34	59.79 3.50 -7.77	68.93 4.39 -2.64	75.53 4.44 -1.78	67.95 3.90 -2.18	58.68 3.90 -0.65	53.69 3.22 -0.86	50.61 2.91 0.00
GLENWOOD_IC_3_G1 23689	57.47 2.99 0.00	52.58 2.46 0.00	50.72 2.51 0.00	49.22 2.56 0.00	50.40 2.72 0.00	57.86 3.22 0.00	55.14 3.32 0.00	51.22 2.85 0.00	46.69 2.64 0.00	43.04 2.55 0.00	42.32 2.24 0.00	41.89 2.18 0.00	40.27 2.10 0.00	39.85 2.18 0.00	39.49 2.41 0.00	47.27 2.81 -4.34	59.79 3.50 -7.77	68.93 4.39 -2.64	75.53 4.44 -1.78	67.95 3.90 -2.18	58.68 3.90 -0.65	53.69 3.22 -0.86	50.61 2.91 0.00
GLENWOOD___4 23550	57.63 3.16 0.00	52.74 2.61 0.00	50.81 2.60 0.00	49.41 2.75 0.00	50.50 2.81 0.00	58.08 3.44 0.00	55.25 3.42 0.00	51.31 2.95 0.00	46.74 2.69 0.00	43.08 2.59 0.00	42.48 2.40 0.00	42.01 2.30 0.00	40.34 2.18 0.00	39.89 2.22 0.00	39.57 2.48 0.00	47.31 2.85 -4.34	59.98 3.69 -7.77	69.11 4.58 -2.64	75.73 4.64 -1.78	68.13 4.08 -2.18	58.73 3.95 -0.65	53.79 3.32 -0.86	50.71 3.01 0.00
GLENWOOD___5 23614	57.63 3.16 0.00	52.74 2.61 0.00	50.81 2.60 0.00	49.41 2.75 0.00	50.50 2.81 0.00	58.08 3.44 0.00	55.25 3.42 0.00	51.31 2.95 0.00	46.74 2.69 0.00	43.08 2.59 0.00	42.48 2.40 0.00	42.01 2.30 0.00	40.34 2.18 0.00	39.89 2.22 0.00	39.57 2.48 0.00	47.31 2.85 -4.34	59.98 3.69 -7.77	69.11 4.58 -2.64	75.73 4.64 -1.78	68.13 4.08 -2.18	58.73 3.95 -0.65	53.79 3.32 -0.86	50.71 3.01 0.00
GLOBAL GREEN_PORT_GT1 23814	57.85 3.38 0.00	52.58 2.46 0.00	51.20 2.99 0.00	49.36 2.70 0.00	50.98 3.29 0.00	58.35 3.72 0.00	54.93 3.11 0.00	51.17 2.80 0.00	47.00 2.95 0.00	43.57 3.08 0.00	42.24 2.16 0.00	41.65 1.95 0.00	39.89 1.72 0.00	39.47 1.81 0.00	39.35 2.26 0.00	47.55 3.09 -4.34	60.47 4.17 -7.77	70.10 5.57 -2.64	75.39 4.30 -1.78	67.83 3.77 -2.18	59.06 4.28 -0.65	53.79 3.32 -0.86	50.85 3.15 0.00
GLOBE___DSASP 323697	50.23 -4.25 0.00	47.02 -3.11 0.00	44.21 -4.00 0.00	42.97 -3.69 0.00	43.97 -3.72 0.00	49.12 -5.52 0.00	45.81 -6.01 0.00	43.14 -5.22 0.00	39.95 -4.10 0.00	36.81 -3.68 0.00	36.23 -3.85 0.00	35.81 -3.89 0.00	34.54 -3.63 0.00	34.09 -3.58 0.00	33.60 -3.49 0.00	35.99 -4.13 0.00	42.70 -5.82 0.00	54.40 -7.49 0.00	60.51 -8.80 0.00	54.14 -7.73 0.00	47.09 -7.04 0.00	43.85 -5.75 0.00	43.50 -4.20 0.00
GOETHSLN___LBMP 323567	56.38 1.91 0.00	51.63 1.50 0.00	49.75 1.54 0.00	48.43 1.77 0.00	49.45 1.76 0.00	57.04 2.40 0.00	54.36 2.54 0.00	50.54 2.18 0.00	46.03 1.98 0.00	42.27 1.78 0.00	41.72 1.64 0.00	41.33 1.63 0.00	39.81 1.64 0.00	39.32 1.66 0.00	38.86 1.78 0.00	42.01 1.89 0.00	51.05 2.52 0.00	66.45 3.03 -1.53	74.48 3.40 -1.78	66.96 2.91 -2.18	57.44 2.65 -0.65	51.69 2.08 0.00	49.56 1.86 0.00
GOLAH___69_KV_TB 1_2 80279	52.19 -2.29 0.00	48.62 -1.50 0.00	46.09 -2.12 0.00	44.79 -1.87 0.00	45.92 -1.76 0.00	51.74 -2.90 0.00	48.51 -3.32 0.00	45.41 -2.95 0.00	41.67 -2.38 0.00	38.30 -2.19 0.00	37.79 -2.28 0.00	37.36 -2.34 0.00	35.99 -2.18 0.00	35.48 -2.18 0.00	34.97 -2.11 0.00	37.63 -2.49 0.00	45.08 -3.45 0.00	57.62 -4.27 0.00	64.60 -4.71 0.00	57.72 -4.15 0.00	50.23 -3.90 0.00	46.48 -3.13 0.00	45.46 -2.24 0.00

GOODYEAR_LAKE_HYD 323669	56.22 1.74 0.00	51.68 1.55 0.00	49.71 1.49 0.00	48.29 1.63 0.00	49.31 1.62 0.00	56.49 1.86 0.00	53.64 1.81 0.00	49.91 1.55 0.00	45.42 1.37 0.00	41.62 1.13 0.00	41.28 1.20 0.00	40.86 1.15 0.00	39.31 1.15 0.00	38.76 1.09 0.00	38.12 1.04 0.00	41.36 1.24 0.00	50.13 1.60 0.00	68.84 2.17 -4.78	77.49 2.63 -5.55	71.04 2.35 -6.82	58.12 1.95 -2.04	51.24 1.64 0.00	49.28 1.57 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	54.26 -0.22 0.00	50.13 0.00 0.00	47.87 -0.34 0.00	46.52 -0.14 0.00	47.54 -0.14 0.00	54.14 -0.49 0.00	51.25 -0.57 0.00	47.83 -0.53 0.00	43.70 -0.35 0.00	40.13 -0.36 0.00	39.64 -0.44 0.00	39.27 -0.44 0.00	37.75 -0.42 0.00	37.21 -0.45 0.00	36.64 -0.44 0.00	39.60 -0.52 0.00	47.75 -0.78 0.00	61.71 -0.87 -0.69	69.28 -0.83 -0.80	62.11 -0.74 -0.98	53.61 -0.81 -0.29	48.96 -0.64 0.00	47.32 -0.38 0.00
GOUDEY___7 23579	54.26 -0.22 0.00	50.13 0.00 0.00	47.87 -0.34 0.00	46.52 -0.14 0.00	47.54 -0.14 0.00	54.14 -0.49 0.00	51.25 -0.57 0.00	47.83 -0.53 0.00	43.70 -0.35 0.00	40.13 -0.36 0.00	39.64 -0.44 0.00	39.27 -0.44 0.00	37.75 -0.42 0.00	37.21 -0.45 0.00	36.64 -0.44 0.00	39.60 -0.52 0.00	47.75 -0.78 0.00	61.71 -0.87 -0.69	69.28 -0.83 -0.80	62.11 -0.74 -0.98	53.61 -0.81 -0.29	48.96 -0.64 0.00	47.32 -0.38 0.00
GOUDEY___8 23580	54.26 -0.22 0.00	50.13 0.00 0.00	47.87 -0.34 0.00	46.52 -0.14 0.00	47.54 -0.14 0.00	54.14 -0.49 0.00	51.25 -0.57 0.00	47.83 -0.53 0.00	43.70 -0.35 0.00	40.13 -0.36 0.00	39.64 -0.44 0.00	39.27 -0.44 0.00	37.75 -0.42 0.00	37.21 -0.45 0.00	36.64 -0.44 0.00	39.60 -0.52 0.00	47.75 -0.78 0.00	61.71 -0.87 -0.69	69.28 -0.83 -0.80	62.11 -0.74 -0.98	53.61 -0.81 -0.29	48.96 -0.64 0.00	47.32 -0.38 0.00
GOWANUS_GT1_1 24077	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT1_2 24078	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT1_3 24079	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT1_4 24080	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT1_5 24084	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT1_6 24111	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT1_7 24112	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT1_8 24113	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT2_1 24114	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT2_2 24115	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT2_3 24116	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84

GOWANUS_GT2_4 24117	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT2_5 24118	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT2_6 24119	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT2_7 24120	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT2_8 24121	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT3_1 24122	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT3_2 24123	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT3_3 24124	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT3_4 24125	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT3_5 24126	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT3_6 24127	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT3_7 24128	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT3_8 24129	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
GOWANUS_GT4_1 24130	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT4_2 24131	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84

GOWANUS_GT4_3 24132	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT4_4 24133	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT4_5 24134	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT4_6 24135	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT4_7 24136	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GOWANUS_GT4_8 24137	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GREENBSH_115KV_TB3 55895	56.54 2.07 0.00	51.93 1.80 0.00	50.00 1.78 0.00	48.61 1.96 0.00	49.59 1.91 0.00	56.93 2.29 0.00	54.05 2.23 0.00	50.25 1.89 0.00	45.72 1.67 0.00	42.03 1.54 0.00	41.64 1.56 0.00	41.25 1.55 0.00	39.66 1.49 0.00	39.17 1.51 0.00	38.60 1.52 0.00	41.76 1.64 0.00	50.61 2.09 0.00	71.72 2.54 -7.29	80.55 2.77 -8.47	74.69 2.41 -10.40	59.52 2.27 -3.11	51.59 1.98 0.00	49.61 1.91 0.00
GREENIDGE_115KV_TB5 80291	53.88 -0.60 0.00	49.98 -0.15 0.00	47.58 -0.63 0.00	46.28 -0.37 0.00	47.35 -0.33 0.00	53.71 -0.93 0.00	50.63 -1.19 0.00	47.30 -1.06 0.00	43.13 -0.93 0.00	39.52 -0.97 0.00	38.99 -1.08 0.00	38.59 -1.11 0.00	37.06 -1.11 0.00	36.50 -1.17 0.00	35.97 -1.11 0.00	38.88 -1.24 0.00	46.88 -1.65 0.00	60.14 -2.17 -0.41	67.64 -2.15 -0.48	60.54 -1.92 -0.59	52.68 -1.62 -0.18	48.32 -1.29 0.00	46.79 -0.91 0.00
GREENIDGE___3 23582	53.88 -0.60 0.00	49.98 -0.15 0.00	47.58 -0.63 0.00	46.28 -0.37 0.00	47.35 -0.33 0.00	53.71 -0.93 0.00	50.63 -1.19 0.00	47.30 -1.06 0.00	43.13 -0.93 0.00	39.52 -0.97 0.00	38.99 -1.08 0.00	38.59 -1.11 0.00	37.06 -1.11 0.00	36.50 -1.17 0.00	35.97 -1.11 0.00	38.88 -1.24 0.00	46.88 -1.65 0.00	60.14 -2.17 -0.41	67.64 -2.15 -0.48	60.54 -1.92 -0.59	52.68 -1.62 -0.18	48.32 -1.29 0.00	46.79 -0.91 0.00
GREENIDGE___4 23583	53.88 -0.60 0.00	49.98 -0.15 0.00	47.54 -0.68 0.00	46.28 -0.37 0.00	47.36 -0.33 0.00	53.71 -0.93 0.00	50.58 -1.24 0.00	47.25 -1.11 0.00	43.12 -0.93 0.00	39.48 -1.01 0.00	39.00 -1.08 0.00	38.64 -1.07 0.00	37.06 -1.11 0.00	36.38 -1.28 0.00	35.86 -1.22 0.00	38.80 -1.32 0.00	46.93 -1.60 0.00	60.14 -2.17 -0.41	67.64 -2.15 -0.48	60.54 -1.92 -0.59	52.57 -1.73 -0.18	48.32 -1.29 0.00	46.79 -0.91 0.00
GREENLWN_69_KV_BK 3 55738	57.47 3.00 0.00	52.69 2.56 0.00	50.72 2.51 0.00	49.31 2.66 0.00	50.45 2.77 0.00	57.91 3.28 0.00	55.14 3.32 0.00	51.17 2.81 0.00	46.65 2.60 0.00	43.04 2.55 0.00	42.44 2.36 0.00	41.93 2.22 0.00	40.23 2.06 0.00	39.81 2.15 0.00	39.49 2.41 0.00	47.31 2.85 -4.34	59.74 3.45 -7.77	68.62 4.08 -2.64	74.97 3.88 -1.78	67.52 3.46 -2.18	58.52 3.74 -0.65	53.74 3.27 -0.86	50.66 2.96 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84
GRISSOM___SOLAR 323813	57.69 3.21 0.00	52.93 2.81 0.00	51.06 2.84 0.00	49.60 2.94 0.00	50.69 3.01 0.00	58.13 3.50 0.00	55.19 3.37 0.00	50.93 2.56 0.00	46.12 2.07 0.00	42.15 1.66 0.00	41.72 1.64 0.00	41.49 1.79 0.00	39.81 1.64 0.00	39.36 1.70 0.00	38.83 1.74 0.00	42.33 2.21 0.00	51.53 3.01 0.00	81.85 4.02 -15.94	92.59 4.78 -18.50	88.92 4.33 -22.72	64.61 3.68 -6.80	52.74 3.13 0.00	50.66 2.96 0.00
GROVEVILLE___HYD 323602	57.14 2.67 0.00	52.43 2.31 0.00	50.43 2.22 0.00	49.03 2.38 0.00	50.07 2.38 0.00	57.64 3.00 0.00	54.73 2.90 0.00	50.93 2.56 0.00	46.25 2.20 0.00	42.43 1.94 0.00	41.92 1.84 0.00	41.49 1.79 0.00	39.88 1.72 0.00	39.36 1.69 0.00	38.90 1.82 0.00	42.17 2.05 0.00	51.29 2.77 0.00	66.92 3.47 -1.56	75.08 3.95 -1.82	67.56 3.46 -2.23	57.88 3.09 -0.67	52.19 2.58 0.00	50.13 2.43 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	53.49 -0.98 0.00	49.33 -0.80 0.00	47.20 -1.01 0.00	45.86 -0.79 0.00	46.88 -0.81 0.00	53.49 -1.15 0.00	50.63 -1.19 0.00	47.30 -1.06 0.00	43.21 -0.84 0.00	39.72 -0.77 0.00	39.27 -0.80 0.00	38.99 -0.71 0.00	37.52 -0.65 0.00	37.02 -0.64 0.00	36.45 -0.63 0.00	39.36 -0.76 0.00	47.41 -1.12 0.00	60.53 -1.36 0.00	67.86 -1.46 0.00	60.57 -1.30 0.00	52.83 -1.30 0.00	48.47 -1.14 0.00	46.75 -0.95 0.00

HAMLTNNY_34_KV_TB 80303	53.55 -0.93 0.00	49.43 -0.70 0.00	47.25 -0.96 0.00	45.91 -0.75 0.00	46.88 -0.81 0.00	53.54 -1.09 0.00	50.68 -1.14 0.00	47.35 -1.02 0.00	43.26 -0.79 0.00	39.76 -0.73 0.00	39.31 -0.76 0.00	38.99 -0.71 0.00	37.48 -0.69 0.00	37.02 -0.64 0.00	36.45 -0.63 0.00	39.36 -0.76 0.00	47.46 -1.07 0.00	60.59 -1.30 0.00	67.92 -1.39 0.00	60.57 -1.30 0.00	52.83 -1.30 0.00	48.47 -1.14 0.00	46.79 -0.91 0.00
HAMPSHIRE___PAPER_HYD 323593	54.64 0.16 0.00	50.23 0.10 0.00	48.45 0.24 0.00	46.47 -0.19 0.00	47.45 -0.24 0.00	54.09 -0.55 0.00	51.10 -0.73 0.00	47.59 -0.78 0.00	43.08 -0.97 0.00	39.64 -0.85 0.00	39.23 -0.84 0.00	38.87 -0.84 0.00	37.33 -0.84 0.00	36.80 -0.86 0.00	36.08 -1.00 0.00	39.24 -0.88 0.00	47.65 -0.87 0.00	61.33 -0.56 0.00	69.24 -0.07 0.00	61.93 0.06 0.00	54.08 -0.05 0.00	49.76 0.15 0.00	47.65 -0.05 0.00
HARDSCRABBLE_WT_PWR 323673	54.75 0.27 0.00	50.48 0.35 0.00	48.69 0.48 0.00	47.36 0.70 0.00	48.40 0.72 0.00	55.62 0.98 0.00	52.91 1.09 0.00	49.43 1.06 0.00	45.06 1.01 0.00	41.42 0.93 0.00	40.88 0.80 0.00	40.30 0.60 0.00	38.59 0.42 0.00	37.96 0.30 0.00	37.27 0.19 0.00	40.24 0.12 0.00	48.72 0.19 0.00	62.27 0.37 0.00	69.93 0.62 0.00	62.61 0.75 0.00	55.05 0.92 0.00	50.50 0.89 0.00	47.94 0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	56.54 2.07 0.00	51.83 1.70 0.00	49.85 1.64 0.00	48.47 1.82 0.00	49.50 1.81 0.00	56.93 2.29 0.00	54.10 2.28 0.00	50.39 2.03 0.00	45.81 1.76 0.00	42.03 1.54 0.00	41.56 1.48 0.00	41.14 1.43 0.00	39.54 1.37 0.00	39.06 1.39 0.00	38.57 1.48 0.00	41.76 1.64 0.00	50.76 2.23 0.00	66.15 2.85 -1.41	74.13 3.19 -1.63	66.66 2.78 -2.01	57.22 2.49 -0.60	51.64 2.03 0.00	49.56 1.86 0.00
HARSNRAD_115KV_TB1 81005	51.10 -3.38 0.00	47.77 -2.36 0.00	44.93 -3.28 0.00	43.67 -2.99 0.00	44.68 -3.00 0.00	49.94 -4.70 0.00	46.64 -5.18 0.00	43.87 -4.50 0.00	40.53 -3.52 0.00	37.33 -3.16 0.00	36.75 -3.33 0.00	36.29 -3.41 0.00	34.96 -3.21 0.00	34.50 -3.16 0.00	34.01 -3.08 0.00	36.47 -3.65 0.00	43.38 -5.14 0.00	55.39 -6.50 0.00	61.76 -7.55 0.00	55.25 -6.62 0.00	48.01 -6.12 0.00	44.60 -5.01 0.00	44.17 -3.53 0.00
HARZA MOOSE___RIVER 24016	55.51 1.04 0.00	50.98 0.85 0.00	49.08 0.87 0.00	47.50 0.84 0.00	48.50 0.81 0.00	55.13 0.49 0.00	52.19 0.36 0.00	48.56 0.19 0.00	44.05 0.00 0.00	40.41 -0.08 0.00	40.04 -0.04 0.00	39.67 -0.04 0.00	38.09 -0.08 0.00	37.55 -0.11 0.00	36.93 -0.15 0.00	40.12 0.00 0.00	48.67 0.15 0.00	62.57 0.68 0.00	70.49 1.18 0.00	62.98 1.11 0.00	55.00 0.87 0.00	50.35 0.74 0.00	48.27 0.57 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	53.06 -1.42 0.00	48.93 -1.20 0.00	46.81 -1.40 0.00	45.49 -1.17 0.00	46.45 -1.24 0.00	53.00 -1.64 0.00	50.17 -1.66 0.00	46.91 -1.45 0.00	42.82 -1.23 0.00	39.40 -1.09 0.00	38.95 -1.12 0.00	38.63 -1.07 0.00	37.17 -0.99 0.00	36.72 -0.94 0.00	36.16 -0.93 0.00	39.04 -1.08 0.00	47.02 -1.50 0.00	60.03 -1.86 0.00	67.23 -2.08 0.00	60.01 -1.86 0.00	52.34 -1.79 0.00	48.07 -1.54 0.00	46.37 -1.34 0.00
HELLGATE_13_KV_LD 55870	56.87 2.40 0.00	52.08 1.96 0.00	50.19 1.98 0.00	48.85 2.19 0.00	49.83 2.15 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.93 2.56 0.00	46.43 2.38 0.00	42.68 2.19 0.00	42.12 2.04 0.00	41.73 2.02 0.00	40.23 2.06 0.00	39.70 2.03 0.00	39.27 2.19 0.00	42.41 2.29 0.00	51.44 2.91 0.00	66.76 3.34 -1.53	74.90 3.81 -1.78	67.33 3.28 -2.18	57.76 2.98 -0.65	52.14 2.53 0.00	50.04 2.34 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	56.87 2.40 0.00	52.08 1.96 0.00	50.19 1.98 0.00	48.85 2.19 0.00	49.83 2.15 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.93 2.56 0.00	46.43 2.38 0.00	42.68 2.19 0.00	42.12 2.04 0.00	41.73 2.02 0.00	40.23 2.06 0.00	39.70 2.03 0.00	39.27 2.19 0.00	42.41 2.29 0.00	51.44 2.91 0.00	66.76 3.34 -1.53	74.90 3.81 -1.78	67.33 3.28 -2.18	57.76 2.98 -0.65	52.14 2.53 0.00	50.04 2.34 0.00
HEMPSTEAD____ 23647	57.31 2.83 0.00	52.44 2.31 0.00	50.57 2.36 0.00	49.08 2.42 0.00	50.26 2.57 0.00	57.69 3.06 0.00	54.93 3.11 0.00	51.02 2.66 0.00	46.56 2.51 0.00	42.96 2.47 0.00	42.20 2.12 0.00	41.77 2.06 0.00	40.15 1.98 0.00	39.77 2.11 0.00	39.42 2.34 0.00	47.19 2.73 -4.34	59.69 3.40 -7.77	68.80 4.27 -2.64	75.32 4.23 -1.78	67.83 3.77 -2.18	58.57 3.79 -0.65	53.54 3.08 -0.86	50.47 2.77 0.00
HEWLETT_69_KV_BK3 55828	57.74 3.27 0.00	52.89 2.76 0.00	50.96 2.75 0.00	49.55 2.89 0.00	50.64 2.96 0.00	58.19 3.55 0.00	55.40 3.58 0.00	51.41 3.05 0.00	46.87 2.82 0.00	43.16 2.67 0.00	42.56 2.48 0.00	42.05 2.34 0.00	40.42 2.25 0.00	39.92 2.26 0.00	39.60 2.52 0.00	47.35 2.89 -4.34	60.03 3.74 -7.77	69.17 4.64 -2.64	75.87 4.78 -1.78	68.26 4.21 -2.18	58.84 4.06 -0.65	53.94 3.47 -0.86	50.80 3.10 0.00
HICKLING___1 23621	53.93 -0.54 0.00	50.08 -0.05 0.00	47.58 -0.63 0.00	46.33 -0.33 0.00	47.31 -0.38 0.00	53.54 -1.09 0.00	50.48 -1.35 0.00	47.11 -1.26 0.00	43.04 -1.01 0.00	39.48 -1.01 0.00	38.91 -1.16 0.00	38.51 -1.19 0.00	36.98 -1.18 0.00	36.42 -1.24 0.00	35.86 -1.22 0.00	38.72 -1.40 0.00	46.63 -1.89 0.00	60.30 -2.10 -0.51	67.76 -2.15 -0.60	60.75 -1.86 -0.73	52.40 -1.95 -0.22	48.07 -1.54 0.00	46.70 -1.00 0.00
HICKLING___2 23622	53.93 -0.54 0.00	50.08 -0.05 0.00	47.58 -0.63 0.00	46.33 -0.33 0.00	47.31 -0.38 0.00	53.54 -1.09 0.00	50.48 -1.35 0.00	47.11 -1.26 0.00	43.04 -1.01 0.00	39.48 -1.01 0.00	38.91 -1.16 0.00	38.51 -1.19 0.00	36.98 -1.18 0.00	36.42 -1.24 0.00	35.86 -1.22 0.00	38.72 -1.40 0.00	46.63 -1.89 0.00	60.30 -2.10 -0.51	67.76 -2.15 -0.60	60.75 -1.86 -0.73	52.40 -1.95 -0.22	48.07 -1.54 0.00	46.70 -1.00 0.00
HIGH FALLS___HY 23754	56.82 2.34 0.00	52.13 2.01 0.00	50.09 1.88 0.00	48.71 2.05 0.00	49.79 2.10 0.00	57.26 2.62 0.00	54.31 2.49 0.00	50.54 2.18 0.00	45.86 1.81 0.00	42.03 1.54 0.00	41.52 1.44 0.00	41.06 1.35 0.00	39.50 1.34 0.00	38.98 1.32 0.00	38.53 1.45 0.00	41.81 1.69 0.00	50.95 2.43 0.00	67.17 3.22 -2.06	75.38 3.67 -2.40	68.03 3.22 -2.94	57.88 2.87 -0.88	51.89 2.28 0.00	49.85 2.15 0.00
HIGH_RIVER___SOLAR 323847	56.66 2.18 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.71 2.05 0.00	49.74 2.05 0.00	57.04 2.40 0.00	54.10 2.28 0.00	50.06 1.69 0.00	45.33 1.28 0.00	41.54 1.05 0.00	41.08 1.00 0.00	40.82 1.11 0.00	39.20 1.03 0.00	38.72 1.05 0.00	38.19 1.11 0.00	41.64 1.52 0.00	50.66 2.13 0.00	80.87 2.79 -16.19	91.30 3.19 -18.80	87.81 2.85 -23.09	63.58 2.54 -6.91	51.74 2.13 0.00	49.75 2.05 0.00

HILLBURN___GT 23639	56.38 1.91 0.00	51.68 1.56 0.00	49.75 1.54 0.00	48.38 1.73 0.00	49.40 1.71 0.00	56.82 2.19 0.00	54.10 2.28 0.00	50.35 1.98 0.00	45.81 1.76 0.00	42.11 1.62 0.00	41.56 1.48 0.00	41.13 1.43 0.00	39.58 1.41 0.00	39.09 1.43 0.00	38.60 1.52 0.00	41.80 1.68 0.00	50.71 2.19 0.00	65.98 2.66 -1.43	74.01 3.05 -1.66	66.56 2.66 -2.04	57.18 2.44 -0.61	51.54 1.93 0.00	49.42 1.71 0.00
HILLSIDE_115KV_TB1 80332	53.28 -1.20 0.00	49.43 -0.70 0.00	47.01 -1.21 0.00	45.72 -0.93 0.00	46.73 -0.95 0.00	52.94 -1.69 0.00	49.96 -1.87 0.00	46.67 -1.69 0.00	42.69 -1.37 0.00	39.15 -1.34 0.00	38.63 -1.44 0.00	38.24 -1.47 0.00	36.72 -1.45 0.00	36.16 -1.51 0.00	35.64 -1.45 0.00	38.43 -1.69 0.00	46.24 -2.28 0.00	59.76 -2.66 -0.53	67.08 -2.84 -0.62	60.15 -2.47 -0.76	51.92 -2.44 -0.23	47.62 -1.98 0.00	46.22 -1.48 0.00
HISHELDN_WT_PWR 323625	51.75 -2.72 0.00	48.37 -1.76 0.00	45.70 -2.51 0.00	44.51 -2.15 0.00	45.54 -2.15 0.00	50.59 -4.04 0.00	47.26 -4.56 0.00	44.25 -4.11 0.00	40.57 -3.48 0.00	37.21 -3.28 0.00	36.79 -3.29 0.00	36.33 -3.38 0.00	34.85 -3.32 0.00	34.05 -3.62 0.00	33.60 -3.49 0.00	36.23 -3.89 0.00	43.63 -4.90 0.00	56.46 -5.82 -0.39	63.24 -6.52 -0.45	56.60 -5.82 -0.55	48.67 -5.63 -0.17	45.09 -4.51 0.00	44.27 -3.44 0.00
HOLTSVILLE_IC_1 23690	57.63 3.16 0.00	52.58 2.46 0.00	50.91 2.70 0.00	49.22 2.56 0.00	50.65 2.96 0.00	57.97 3.33 0.00	54.83 3.00 0.00	51.02 2.66 0.00	46.65 2.60 0.00	43.16 2.67 0.00	42.24 2.16 0.00	41.81 2.10 0.00	40.15 1.98 0.00	39.77 2.11 0.00	39.53 2.45 0.00	47.55 3.09 -4.34	60.27 3.98 -7.77	69.67 5.13 -2.64	75.46 4.37 -1.78	67.89 3.84 -2.18	59.01 4.22 -0.65	53.89 3.42 -0.86	50.90 3.20 0.00
HOLTSVILLE_IC_10 23699	57.91 3.43 0.00	52.78 2.66 0.00	51.15 2.94 0.00	49.45 2.80 0.00	50.88 3.20 0.00	58.24 3.61 0.00	55.04 3.21 0.00	51.22 2.85 0.00	46.83 2.78 0.00	43.37 2.88 0.00	42.40 2.32 0.00	41.93 2.22 0.00	40.30 2.14 0.00	39.92 2.26 0.00	39.68 2.59 0.00	47.75 3.29 -4.34	60.61 4.32 -7.77	70.10 5.57 -2.64	75.87 4.78 -1.78	68.26 4.21 -2.18	59.33 4.55 -0.65	54.14 3.67 -0.86	51.14 3.44 0.00
HOLTSVILLE_IC_2 23691	57.63 3.16 0.00	52.58 2.46 0.00	50.91 2.70 0.00	49.22 2.56 0.00	50.65 2.96 0.00	57.97 3.33 0.00	54.83 3.00 0.00	51.02 2.66 0.00	46.65 2.60 0.00	43.16 2.67 0.00	42.24 2.16 0.00	41.81 2.10 0.00	40.15 1.98 0.00	39.77 2.11 0.00	39.53 2.45 0.00	47.55 3.09 -4.34	60.27 3.98 -7.77	69.67 5.13 -2.64	75.46 4.37 -1.78	67.89 3.84 -2.18	59.01 4.22 -0.65	53.89 3.42 -0.86	50.90 3.20 0.00
HOLTSVILLE_IC_3 23692	57.63 3.16 0.00	52.58 2.46 0.00	50.91 2.70 0.00	49.22 2.56 0.00	50.65 2.96 0.00	57.97 3.33 0.00	54.83 3.00 0.00	51.02 2.66 0.00	46.65 2.60 0.00	43.16 2.67 0.00	42.24 2.16 0.00	41.81 2.10 0.00	40.15 1.98 0.00	39.77 2.11 0.00	39.53 2.45 0.00	47.55 3.09 -4.34	60.27 3.98 -7.77	69.67 5.13 -2.64	75.46 4.37 -1.78	67.89 3.84 -2.18	59.01 4.22 -0.65	53.89 3.42 -0.86	50.90 3.20 0.00
HOLTSVILLE_IC_4 23693	57.63 3.16 0.00	52.58 2.46 0.00	50.91 2.70 0.00	49.22 2.56 0.00	50.65 2.96 0.00	57.97 3.33 0.00	54.83 3.00 0.00	51.02 2.66 0.00	46.65 2.60 0.00	43.16 2.67 0.00	42.24 2.16 0.00	41.81 2.10 0.00	40.15 1.98 0.00	39.77 2.11 0.00	39.53 2.45 0.00	47.55 3.09 -4.34	60.27 3.98 -7.77	69.67 5.13 -2.64	75.46 4.37 -1.78	67.89 3.84 -2.18	59.01 4.22 -0.65	53.89 3.42 -0.86	50.90 3.20 0.00
HOLTSVILLE_IC_5 23694	57.63 3.16 0.00	52.58 2.46 0.00	50.91 2.70 0.00	49.22 2.56 0.00	50.65 2.96 0.00	57.97 3.33 0.00	54.83 3.00 0.00	51.02 2.66 0.00	46.65 2.60 0.00	43.16 2.67 0.00	42.24 2.16 0.00	41.81 2.10 0.00	40.15 1.98 0.00	39.77 2.11 0.00	39.53 2.45 0.00	47.55 3.09 -4.34	60.27 3.98 -7.77	69.67 5.13 -2.64	75.46 4.37 -1.78	67.89 3.84 -2.18	59.01 4.22 -0.65	53.89 3.42 -0.86	50.90 3.20 0.00
HOLTSVILLE_IC_6 23695	57.91 3.43 0.00	52.78 2.66 0.00	51.15 2.94 0.00	49.45 2.80 0.00	50.88 3.20 0.00	58.24 3.61 0.00	55.04 3.21 0.00	51.22 2.85 0.00	46.83 2.78 0.00	43.37 2.88 0.00	42.40 2.32 0.00	41.93 2.22 0.00	40.30 2.14 0.00	39.92 2.26 0.00	39.68 2.59 0.00	47.75 3.29 -4.34	60.61 4.32 -7.77	70.10 5.57 -2.64	75.87 4.78 -1.78	68.26 4.21 -2.18	59.33 4.55 -0.65	54.14 3.67 -0.86	51.14 3.44 0.00
HOLTSVILLE_IC_7 23696	57.91 3.43 0.00	52.78 2.66 0.00	51.15 2.94 0.00	49.45 2.80 0.00	50.88 3.20 0.00	58.24 3.61 0.00	55.04 3.21 0.00	51.22 2.85 0.00	46.83 2.78 0.00	43.37 2.88 0.00	42.40 2.32 0.00	41.93 2.22 0.00	40.30 2.14 0.00	39.92 2.26 0.00	39.68 2.59 0.00	47.75 3.29 -4.34	60.61 4.32 -7.77	70.10 5.57 -2.64	75.87 4.78 -1.78	68.26 4.21 -2.18	59.33 4.55 -0.65	54.14 3.67 -0.86	51.14 3.44 0.00
HOLTSVILLE_IC_8 23697	57.91 3.43 0.00	52.78 2.66 0.00	51.15 2.94 0.00	49.45 2.80 0.00	50.88 3.20 0.00	58.24 3.61 0.00	55.04 3.21 0.00	51.22 2.85 0.00	46.83 2.78 0.00	43.37 2.88 0.00	42.40 2.32 0.00	41.93 2.22 0.00	40.30 2.14 0.00	39.92 2.26 0.00	39.68 2.59 0.00	47.75 3.29 -4.34	60.61 4.32 -7.77	70.10 5.57 -2.64	75.87 4.78 -1.78	68.26 4.21 -2.18	59.33 4.55 -0.65	54.14 3.67 -0.86	51.14 3.44 0.00
HOLTSVILLE_IC_9 23698	57.91 3.43 0.00	52.78 2.66 0.00	51.15 2.94 0.00	49.45 2.80 0.00	50.88 3.20 0.00	58.24 3.61 0.00	55.04 3.21 0.00	51.22 2.85 0.00	46.83 2.78 0.00	43.37 2.88 0.00	42.40 2.32 0.00	41.93 2.22 0.00	40.30 2.14 0.00	39.92 2.26 0.00	39.68 2.59 0.00	47.75 3.29 -4.34	60.61 4.32 -7.77	70.10 5.57 -2.64	75.87 4.78 -1.78	68.26 4.21 -2.18	59.33 4.55 -0.65	54.14 3.67 -0.86	51.14 3.44 0.00
HOMER_HL_115KV_TB2 355744	53.44 -1.04 0.00	49.73 -0.40 0.00	47.01 -1.21 0.00	45.63 -1.03 0.00	46.69 -1.00 0.00	52.61 -2.02 0.00	49.49 -2.33 0.00	46.43 -1.93 0.00	42.73 -1.32 0.00	39.28 -1.21 0.00	38.59 -1.48 0.00	38.08 -1.63 0.00	36.60 -1.56 0.00	36.04 -1.62 0.00	35.53 -1.56 0.00	38.19 -1.93 0.00	45.61 -2.91 0.00	58.87 -3.40 -0.39	66.09 -3.67 -0.45	59.27 -3.16 -0.55	51.10 -3.19 -0.17	47.13 -2.48 0.00	46.17 -1.53 0.00
HOWARD_WT_PWR 323690	52.52 -1.96 0.00	49.32 -0.80 0.00	46.91 -1.30 0.00	45.91 -0.75 0.00	46.97 -0.71 0.00	52.78 -1.86 0.00	49.55 -2.28 0.00	46.14 -2.22 0.00	41.94 -2.11 0.00	38.22 -2.27 0.00	37.63 -2.45 0.00	37.08 -2.62 0.00	35.46 -2.71 0.00	34.50 -3.16 0.00	33.97 -3.11 0.00	36.79 -3.33 0.00	44.60 -3.93 0.00	58.06 -4.27 -0.44	65.66 -4.16 -0.51	58.84 -3.65 -0.62	50.69 -3.63 -0.19	46.83 -2.78 0.00	45.65 -2.05 0.00

HQ_GEN_CEDARS 23644	55.40 0.93 0.00	51.03 0.90 0.00	49.32 1.11 0.00	47.17 0.51 0.00	48.31 0.62 0.00	55.40 0.76 0.00	52.45 0.62 0.00	48.99 0.63 0.00	44.45 0.40 0.00	40.90 0.40 0.00	40.48 0.40 0.00	40.14 0.44 0.00	38.51 0.34 0.00	37.97 0.30 0.00	37.27 0.19 0.00	40.44 0.32 0.00	48.96 0.44 0.00	62.70 0.80 0.00	70.42 1.11 0.00	62.92 1.05 0.00	55.00 0.87 0.00	50.65 1.04 0.00	48.51 0.81 0.00
HQ_GEN_CEDARS_PROXY 323590	55.40 0.93 0.00	52.91 0.90 -1.88	47.44 1.11 1.88	47.17 0.51 0.00	48.31 0.62 0.00	55.40 0.76 0.00	52.45 0.62 0.00	48.99 0.63 0.00	44.45 0.40 0.00	40.90 0.40 0.00	40.48 0.40 0.00	40.14 0.44 0.00	38.51 0.34 0.00	37.96 0.30 0.00	37.27 0.19 0.00	40.44 0.32 0.00	48.96 0.44 0.00	63.51 0.80 -0.82	69.60 1.11 0.82	62.92 1.05 0.00	54.99 0.86 0.00	50.65 1.04 0.00	48.51 0.81 0.00
HQ_GEN_IMPORT 323601	54.53 0.05 0.00	52.06 0.05 -1.88	46.52 0.19 1.88	46.56 -0.09 0.00	47.64 -0.05 0.00	54.64 0.00 0.00	51.82 0.00 0.00	48.46 0.10 0.00	44.09 0.04 0.00	40.53 0.04 0.00	40.12 0.04 0.00	39.75 0.04 0.00	38.17 0.00 0.00	37.63 -0.04 0.00	37.01 -0.07 0.00	40.08 -0.04 0.00	48.53 0.00 0.00	62.77 0.06 -0.82	68.56 0.07 0.82	61.99 0.12 0.00	54.19 0.05 0.00	49.76 0.15 0.00	47.75 0.05 0.00
HQ_GEN_WHEEL 23651	54.53 0.05 0.00	52.06 0.05 -1.88	46.52 0.19 1.88	46.56 -0.09 0.00	47.64 -0.05 0.00	54.64 0.00 0.00	51.82 0.00 0.00	48.46 0.10 0.00	44.09 0.04 0.00	40.53 0.04 0.00	40.12 0.04 0.00	39.75 0.04 0.00	38.17 0.00 0.00	37.63 -0.04 0.00	37.01 -0.07 0.00	40.08 -0.04 0.00	48.53 0.00 0.00	62.77 0.06 -0.82	68.56 0.07 0.82	61.99 0.12 0.00	54.19 0.05 0.00	49.76 0.15 0.00	47.75 0.05 0.00
HUDSON AVE_GT_3 23810	56.82 2.34 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.80 2.15 0.00	49.79 2.10 0.00	57.48 2.84 0.00	54.78 2.95 0.00	50.93 2.56 0.00	46.39 2.33 0.00	42.60 2.11 0.00	42.04 1.96 0.00	41.65 1.95 0.00	40.11 1.95 0.00	39.62 1.96 0.00	39.16 2.08 0.00	42.33 2.21 0.00	51.44 2.91 0.00	66.95 3.53 -1.53	75.04 3.95 -1.78	67.45 3.40 -2.18	57.81 3.03 -0.65	52.09 2.48 0.00	49.94 2.24 0.00
HUDSON AVE_GT_4 23540	56.82 2.34 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.80 2.15 0.00	49.79 2.10 0.00	57.48 2.84 0.00	54.78 2.95 0.00	50.93 2.56 0.00	46.39 2.33 0.00	42.60 2.11 0.00	42.04 1.96 0.00	41.65 1.95 0.00	40.11 1.95 0.00	39.62 1.96 0.00	39.16 2.08 0.00	42.33 2.21 0.00	51.44 2.91 0.00	66.95 3.53 -1.53	75.04 3.95 -1.78	67.45 3.40 -2.18	57.81 3.03 -0.65	52.09 2.48 0.00	49.94 2.24 0.00
HUDSON AVE_GT_5 23657	56.82 2.34 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.80 2.15 0.00	49.79 2.10 0.00	57.48 2.84 0.00	54.78 2.95 0.00	50.93 2.56 0.00	46.39 2.33 0.00	42.60 2.11 0.00	42.04 1.96 0.00	41.65 1.95 0.00	40.11 1.95 0.00	39.62 1.96 0.00	39.16 2.08 0.00	42.33 2.21 0.00	51.44 2.91 0.00	66.95 3.53 -1.53	75.04 3.95 -1.78	67.45 3.40 -2.18	57.81 3.03 -0.65	52.09 2.48 0.00	49.94 2.24 0.00
HUDSON_AVE_10 24168	56.54 2.07 0.00	51.83 1.70 0.00	49.95 1.74 0.00	48.61 1.96 0.00	49.69 2.00 0.00	57.31 2.68 0.00	54.68 2.85 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.29 2.17 0.00	51.44 2.91 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.76 2.98 -0.65	51.94 2.33 0.00	49.80 2.10 0.00
HUDSON___115KV_TB 4 355613	57.63 3.16 0.00	52.94 2.81 0.00	50.91 2.70 0.00	49.55 2.89 0.00	50.55 2.86 0.00	58.02 3.39 0.00	54.99 3.16 0.00	50.98 2.61 0.00	46.17 2.11 0.00	42.31 1.82 0.00	41.88 1.80 0.00	41.49 1.79 0.00	39.85 1.68 0.00	39.40 1.73 0.00	38.86 1.78 0.00	42.17 2.05 0.00	51.29 2.77 0.00	71.21 3.22 -6.10	80.07 3.67 -7.08	73.85 3.28 -8.70	59.66 2.92 -2.60	52.49 2.88 0.00	50.52 2.81 0.00
HUNTER MOUNT___DRP 323613	58.07 3.60 0.00	53.39 3.26 0.00	51.30 3.09 0.00	49.92 3.27 0.00	50.93 3.24 0.00	58.40 3.77 0.00	55.30 3.47 0.00	51.27 2.90 0.00	46.34 2.29 0.00	42.43 1.94 0.00	42.04 1.96 0.00	41.61 1.91 0.00	39.92 1.76 0.00	39.47 1.81 0.00	38.94 1.85 0.00	42.29 2.17 0.00	51.53 3.01 0.00	70.33 3.16 -5.29	79.13 3.67 -6.14	72.69 3.28 -7.54	59.26 2.87 -2.26	52.83 3.22 0.00	50.90 3.20 0.00
HUNTINGTON_RES_REC 323705	57.63 3.16 0.00	52.68 2.56 0.00	50.91 2.70 0.00	49.31 2.66 0.00	50.65 2.96 0.00	57.97 3.33 0.00	55.09 3.27 0.00	51.17 2.80 0.00	46.74 2.69 0.00	43.16 2.67 0.00	42.32 2.24 0.00	41.89 2.18 0.00	40.27 2.10 0.00	39.89 2.22 0.00	39.61 2.52 0.00	47.55 3.09 -4.34	60.12 3.83 -7.77	69.30 4.77 -2.64	75.39 4.30 -1.78	67.89 3.84 -2.18	58.95 4.17 -0.65	53.94 3.47 -0.86	50.90 3.20 0.00
HUNTLEY___63 23557	51.64 -2.83 0.00	48.22 -1.90 0.00	45.37 -2.84 0.00	44.09 -2.57 0.00	45.11 -2.58 0.00	50.48 -4.15 0.00	47.21 -4.61 0.00	44.45 -3.92 0.00	41.06 -3.00 0.00	37.86 -2.63 0.00	37.19 -2.89 0.00	36.77 -2.94 0.00	35.42 -2.75 0.00	34.91 -2.75 0.00	34.45 -2.63 0.00	36.95 -3.17 0.00	43.87 -4.66 0.00	56.07 -5.82 0.00	62.52 -6.79 0.00	55.93 -5.94 0.00	48.56 -5.58 0.00	45.09 -4.51 0.00	44.65 -3.05 0.00
HUNTLEY___64 23558	51.64 -2.83 0.00	48.22 -1.90 0.00	45.37 -2.84 0.00	44.09 -2.57 0.00	45.11 -2.58 0.00	50.48 -4.15 0.00	47.21 -4.61 0.00	44.45 -3.92 0.00	41.06 -3.00 0.00	37.86 -2.63 0.00	37.19 -2.89 0.00	36.77 -2.94 0.00	35.42 -2.75 0.00	34.91 -2.75 0.00	34.45 -2.63 0.00	36.95 -3.17 0.00	43.87 -4.66 0.00	56.07 -5.82 0.00	62.52 -6.79 0.00	55.93 -5.94 0.00	48.56 -5.58 0.00	45.09 -4.51 0.00	44.65 -3.05 0.00
HUNTLEY___65 23559	51.64 -2.83 0.00	48.22 -1.90 0.00	45.37 -2.84 0.00	44.09 -2.57 0.00	45.11 -2.58 0.00	50.48 -4.15 0.00	47.21 -4.61 0.00	44.45 -3.92 0.00	41.06 -3.00 0.00	37.86 -2.63 0.00	37.19 -2.89 0.00	36.77 -2.94 0.00	35.42 -2.75 0.00	34.91 -2.75 0.00	34.45 -2.63 0.00	36.95 -3.17 0.00	43.87 -4.66 0.00	56.07 -5.82 0.00	62.52 -6.79 0.00	55.93 -5.94 0.00	48.56 -5.58 0.00	45.09 -4.51 0.00	44.65 -3.05 0.00
HUNTLEY___66 23560	51.64 -2.83 0.00	48.22 -1.90 0.00	45.37 -2.84 0.00	44.09 -2.57 0.00	45.11 -2.58 0.00	50.48 -4.15 0.00	47.21 -4.61 0.00	44.45 -3.92 0.00	41.06 -3.00 0.00	37.86 -2.63 0.00	37.19 -2.89 0.00	36.77 -2.94 0.00	35.42 -2.75 0.00	34.91 -2.75 0.00	34.45 -2.63 0.00	36.95 -3.17 0.00	43.87 -4.66 0.00	56.07 -5.82 0.00	62.52 -6.79 0.00	55.93 -5.94 0.00	48.56 -5.58 0.00	45.09 -4.51 0.00	44.65 -3.05 0.00



HUNTLEY___67 23561	51.48 -3.00 0.00	48.12 -2.01 0.00	45.32 -2.89 0.00	44.00 -2.66 0.00	45.02 -2.67 0.00	50.37 -4.26 0.00	47.11 -4.72 0.00	44.35 -4.01 0.00	41.01 -3.04 0.00	37.78 -2.71 0.00	37.19 -2.89 0.00	36.73 -2.98 0.00	35.38 -2.79 0.00	34.91 -2.75 0.00	34.41 -2.67 0.00	36.91 -3.21 0.00	43.87 -4.66 0.00	56.01 -5.88 0.00	62.38 -6.93 0.00	55.81 -6.06 0.00	48.50 -5.63 0.00	45.09 -4.51 0.00	44.60 -3.10 0.00
HUNTLEY___68 23562	51.48 -3.00 0.00	48.12 -2.01 0.00	45.32 -2.89 0.00	44.00 -2.66 0.00	45.02 -2.67 0.00	50.37 -4.26 0.00	47.11 -4.72 0.00	44.35 -4.01 0.00	41.01 -3.04 0.00	37.78 -2.71 0.00	37.19 -2.89 0.00	36.73 -2.98 0.00	35.38 -2.79 0.00	34.91 -2.75 0.00	34.41 -2.67 0.00	36.91 -3.21 0.00	43.87 -4.66 0.00	56.01 -5.88 0.00	62.38 -6.93 0.00	55.81 -6.06 0.00	48.50 -5.63 0.00	45.09 -4.51 0.00	44.60 -3.10 0.00
HYLAND___LFG 323620	54.58 0.11 0.00	50.83 0.70 0.00	48.12 -0.10 0.00	46.94 0.28 0.00	48.12 0.43 0.00	54.14 -0.49 0.00	50.32 -1.50 0.00	46.48 -1.89 0.00	42.11 -1.94 0.00	38.26 -2.23 0.00	37.67 -2.40 0.00	37.13 -2.58 0.00	35.53 -2.63 0.00	35.03 -2.64 0.00	34.60 -2.48 0.00	37.55 -2.57 0.00	45.71 -2.82 0.00	59.60 -2.29 0.00	68.07 -1.25 0.00	61.06 -0.81 0.00	52.72 -1.41 0.00	48.72 -0.89 0.00	47.42 -0.28 0.00
INDECK___CORINTH 23802	58.34 3.87 0.00	53.59 3.46 0.00	51.78 3.57 0.00	50.39 3.73 0.00	51.45 3.77 0.00	59.06 4.42 0.00	56.23 4.40 0.00	52.09 3.72 0.00	47.22 3.17 0.00	43.16 2.67 0.00	42.76 2.69 0.00	42.44 2.74 0.00	40.65 2.48 0.00	40.26 2.60 0.00	39.64 2.56 0.00	42.97 2.85 0.00	52.21 3.69 0.00	82.80 4.83 -16.08	93.43 4.99 -19.12	89.82 4.46 -23.49	64.95 3.79 -7.03	52.88 3.27 0.00	50.99 3.29 0.00
INDECK___ILION 23567	55.02 0.54 0.00	50.63 0.50 0.00	48.79 0.58 0.00	47.36 0.70 0.00	48.40 0.72 0.00	55.51 0.87 0.00	52.76 0.93 0.00	49.23 0.87 0.00	44.84 0.79 0.00	41.22 0.73 0.00	40.76 0.68 0.00	40.26 0.56 0.00	38.66 0.50 0.00	38.08 0.41 0.00	37.45 0.37 0.00	40.48 0.36 0.00	49.01 0.49 0.00	62.57 0.68 0.00	70.21 0.90 0.00	62.74 0.87 0.00	55.05 0.92 0.00	50.40 0.79 0.00	48.18 0.48 0.00
INDECK___OLEAN 23982	53.39 -1.09 0.00	49.73 -0.40 0.00	46.91 -1.30 0.00	45.63 -1.03 0.00	46.68 -1.00 0.00	52.56 -2.08 0.00	49.39 -2.43 0.00	46.38 -1.99 0.00	42.73 -1.32 0.00	39.28 -1.21 0.00	38.67 -1.40 0.00	38.16 -1.55 0.00	36.60 -1.57 0.00	35.86 -1.81 0.00	35.34 -1.74 0.00	38.08 -2.04 0.00	45.71 -2.82 0.00	58.87 -3.40 -0.39	66.09 -3.68 -0.45	59.27 -3.15 -0.55	50.99 -3.30 -0.17	47.13 -2.48 0.00	46.17 -1.53 0.00
INDECK___OSWEGO 23783	52.52 -1.96 0.00	48.42 -1.70 0.00	46.38 -1.83 0.00	45.02 -1.63 0.00	45.97 -1.71 0.00	52.50 -2.13 0.00	49.70 -2.13 0.00	46.38 -1.99 0.00	42.33 -1.72 0.00	38.91 -1.58 0.00	38.51 -1.56 0.00	38.20 -1.51 0.00	36.76 -1.41 0.00	36.23 -1.43 0.00	35.71 -1.37 0.00	38.55 -1.57 0.00	46.53 -1.99 0.00	59.41 -2.48 0.00	66.61 -2.70 0.00	59.46 -2.41 0.00	51.86 -2.27 0.00	47.62 -1.99 0.00	45.94 -1.76 0.00
INDECK___YERKES 23781	51.59 -2.89 0.00	48.28 -1.85 0.00	45.37 -2.84 0.00	44.14 -2.52 0.00	45.16 -2.53 0.00	50.54 -4.10 0.00	47.11 -4.72 0.00	44.40 -3.96 0.00	41.10 -2.95 0.00	37.86 -2.63 0.00	37.31 -2.76 0.00	36.89 -2.82 0.00	35.46 -2.71 0.00	34.73 -2.94 0.00	34.30 -2.78 0.00	36.79 -3.33 0.00	44.01 -4.51 0.00	56.14 -5.75 0.00	62.59 -6.72 0.00	55.99 -5.88 0.00	48.39 -5.74 0.00	45.14 -4.46 0.00	44.70 -3.00 0.00
INDIAN POINT_GT_1 24139	56.76 2.29 0.00	52.03 1.90 0.00	50.09 1.88 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.31 2.68 0.00	54.52 2.69 0.00	50.73 2.37 0.00	46.12 2.07 0.00	42.35 1.86 0.00	41.84 1.76 0.00	41.45 1.75 0.00	39.88 1.72 0.00	39.36 1.69 0.00	38.90 1.82 0.00	42.13 2.01 0.00	51.15 2.62 0.00	66.63 3.22 -1.52	74.69 3.60 -1.77	67.20 3.16 -2.18	57.65 2.87 -0.65	51.94 2.33 0.00	49.80 2.10 0.00
INDIAN POINT_GT_2 23659	56.76 2.29 0.00	52.03 1.90 0.00	50.09 1.88 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.31 2.68 0.00	54.52 2.69 0.00	50.73 2.37 0.00	46.12 2.07 0.00	42.35 1.86 0.00	41.84 1.76 0.00	41.45 1.75 0.00	39.88 1.72 0.00	39.36 1.69 0.00	38.90 1.82 0.00	42.13 2.01 0.00	51.15 2.62 0.00	66.63 3.22 -1.52	74.69 3.60 -1.77	67.20 3.16 -2.18	57.65 2.87 -0.65	51.94 2.33 0.00	49.80 2.10 0.00
INDIAN POINT_GT_3 24019	56.76 2.29 0.00	52.03 1.90 0.00	50.09 1.88 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.31 2.68 0.00	54.52 2.69 0.00	50.73 2.37 0.00	46.12 2.07 0.00	42.35 1.86 0.00	41.84 1.76 0.00	41.45 1.75 0.00	39.88 1.72 0.00	39.36 1.69 0.00	38.90 1.82 0.00	42.13 2.01 0.00	51.15 2.62 0.00	66.63 3.22 -1.52	74.69 3.60 -1.77	67.20 3.16 -2.18	57.65 2.87 -0.65	51.94 2.33 0.00	49.80 2.10 0.00
INDIAN POINT___2 23530	56.71 2.23 0.00	51.98 1.86 0.00	50.04 1.83 0.00	48.66 2.00 0.00	49.74 2.05 0.00	57.26 2.62 0.00	54.57 2.74 0.00	50.73 2.37 0.00	46.17 2.11 0.00	42.47 1.98 0.00	41.88 1.81 0.00	41.49 1.79 0.00	39.92 1.76 0.00	39.47 1.81 0.00	39.01 1.93 0.00	42.20 2.08 0.00	51.14 2.62 0.00	66.70 3.28 -1.53	74.69 3.60 -1.78	67.20 3.15 -2.18	57.70 2.92 -0.65	51.94 2.33 0.00	49.80 2.10 0.00
INDIAN POINT___3 23531	56.44 1.96 0.00	51.73 1.60 0.00	49.80 1.59 0.00	48.47 1.82 0.00	49.50 1.81 0.00	56.93 2.29 0.00	54.21 2.38 0.00	50.44 2.08 0.00	45.90 1.85 0.00	42.15 1.66 0.00	41.64 1.56 0.00	41.21 1.51 0.00	39.66 1.49 0.00	39.17 1.51 0.00	38.68 1.59 0.00	41.89 1.77 0.00	50.85 2.33 0.00	66.24 2.85 -1.50	74.24 3.19 -1.74	66.80 2.78 -2.14	57.32 2.54 -0.64	51.64 2.03 0.00	49.56 1.86 0.00
INGHAM_C_115KV_TB7 356103	55.13 0.65 0.00	50.78 0.65 0.00	48.98 0.77 0.00	47.59 0.93 0.00	48.64 0.95 0.00	55.89 1.26 0.00	53.12 1.30 0.00	49.62 1.26 0.00	45.20 1.15 0.00	41.58 1.09 0.00	41.08 1.00 0.00	40.46 0.75 0.00	38.78 0.61 0.00	38.15 0.49 0.00	37.45 0.37 0.00	40.44 0.32 0.00	48.96 0.44 0.00	62.57 0.68 0.00	70.28 0.97 0.00	62.92 1.05 0.00	55.38 1.25 0.00	50.75 1.14 0.00	48.23 0.52 0.00
IP CORINTH___1 23988	58.34 3.87 0.00	53.59 3.46 0.00	51.73 3.52 0.00	50.34 3.69 0.00	51.45 3.77 0.00	59.06 4.43 0.00	56.23 4.41 0.00	52.09 3.72 0.00	47.22 3.17 0.00	43.16 2.67 0.00	42.80 2.73 0.00	42.48 2.78 0.00	40.69 2.52 0.00	40.26 2.60 0.00	39.64 2.56 0.00	42.93 2.81 0.00	52.26 3.74 0.00	82.79 4.83 -16.08	93.42 4.99 -19.12	89.82 4.45 -23.49	64.95 3.79 -7.03	52.88 3.27 0.00	50.99 3.29 0.00

IP___TICONDEROGA 23804	60.19 5.72 0.00	55.29 5.16 0.00	53.51 5.30 0.00	52.16 5.51 0.00	53.31 5.63 0.00	61.19 6.56 0.00	58.25 6.43 0.00	53.68 5.32 0.00	48.50 4.45 0.00	44.34 3.85 0.00	44.00 3.93 0.00	43.68 3.97 0.00	41.83 3.66 0.00	41.39 3.73 0.00	40.75 3.67 0.00	44.17 4.05 0.00	53.91 5.39 0.00	84.96 7.12 -15.95	96.15 7.90 -18.94	92.19 7.05 -23.26	66.94 5.85 -6.96	54.72 5.11 0.00	52.81 5.10 0.00
ISLIP_RES_REC 323679	58.13 3.65 0.00	52.98 2.86 0.00	51.30 3.09 0.00	49.60 2.94 0.00	51.02 3.34 0.00	58.40 3.77 0.00	55.24 3.42 0.00	51.36 3.00 0.00	46.96 2.91 0.00	43.49 3.00 0.00	42.52 2.44 0.00	42.05 2.34 0.00	40.38 2.21 0.00	40.00 2.34 0.00	39.79 2.71 0.00	47.87 3.41 -4.34	60.81 4.51 -7.77	70.35 5.82 -2.64	76.22 5.13 -1.78	68.56 4.51 -2.18	59.55 4.76 -0.65	54.34 3.87 -0.86	51.32 3.62 0.00
JAMAICA__27_KV_LOAD 355505	56.60 2.12 0.00	51.88 1.75 0.00	50.04 1.83 0.00	48.71 2.05 0.00	49.88 2.19 0.00	57.59 2.95 0.00	55.04 3.21 0.00	51.41 3.05 0.00	46.83 2.78 0.00	42.96 2.47 0.00	42.40 2.32 0.00	42.05 2.34 0.00	40.53 2.37 0.00	40.04 2.37 0.00	39.57 2.48 0.00	42.73 2.61 0.00	52.02 3.49 0.00	67.57 4.15 -1.53	75.80 4.71 -1.78	68.13 4.08 -2.18	58.25 3.46 -0.65	52.24 2.63 0.00	50.09 2.39 0.00
JANIS___SOLAR 323808	56.38 1.91 0.00	52.28 2.15 0.00	49.75 1.54 0.00	48.47 1.82 0.00	49.55 1.86 0.00	56.60 1.96 0.00	53.48 1.66 0.00	49.72 1.35 0.00	45.02 0.97 0.00	41.14 0.65 0.00	40.68 0.60 0.00	40.18 0.48 0.00	38.55 0.38 0.00	37.96 0.30 0.00	37.38 0.30 0.00	40.64 0.52 0.00	49.40 0.87 0.00	64.47 1.80 -0.79	72.71 2.49 -0.91	65.28 2.29 -1.12	56.04 1.57 -0.34	51.09 1.49 0.00	49.23 1.53 0.00
JARVIS____ 23743	54.96 0.49 0.00	50.53 0.40 0.00	48.64 0.43 0.00	47.12 0.47 0.00	48.12 0.43 0.00	55.18 0.55 0.00	52.34 0.52 0.00	48.80 0.43 0.00	44.45 0.40 0.00	40.85 0.36 0.00	40.44 0.36 0.00	40.06 0.36 0.00	38.51 0.34 0.00	38.00 0.34 0.00	37.38 0.30 0.00	40.48 0.36 0.00	48.96 0.44 0.00	62.45 0.56 0.00	70.00 0.69 0.00	62.49 0.62 0.00	54.73 0.60 0.00	50.10 0.50 0.00	48.13 0.43 0.00
JENNISON___1 23625	56.65 2.18 0.00	52.48 2.36 0.00	50.09 1.88 0.00	48.80 2.15 0.00	49.88 2.19 0.00	57.04 2.40 0.00	53.95 2.12 0.00	50.25 1.89 0.00	45.64 1.59 0.00	41.75 1.26 0.00	41.28 1.20 0.00	40.74 1.03 0.00	39.16 0.99 0.00	38.53 0.87 0.00	37.90 0.82 0.00	41.12 1.00 0.00	49.79 1.26 0.00	65.31 2.17 -1.25	73.61 2.84 -1.46	66.32 2.66 -1.79	56.72 2.06 -0.53	51.44 1.84 0.00	49.56 1.86 0.00
JENNISON___2 23626	56.65 2.18 0.00	52.48 2.36 0.00	50.09 1.88 0.00	48.80 2.15 0.00	49.88 2.19 0.00	57.04 2.40 0.00	53.95 2.12 0.00	50.25 1.89 0.00	45.64 1.59 0.00	41.75 1.26 0.00	41.28 1.20 0.00	40.74 1.03 0.00	39.16 0.99 0.00	38.53 0.87 0.00	37.90 0.82 0.00	41.12 1.00 0.00	49.79 1.26 0.00	65.31 2.17 -1.25	73.61 2.84 -1.46	66.32 2.66 -1.79	56.72 2.06 -0.53	51.44 1.84 0.00	49.56 1.86 0.00
JERICHO_RISE_WT_PWR 323719	54.42 -0.05 0.00	50.13 0.00 0.00	49.13 0.91 0.00	46.42 -0.23 0.00	47.64 -0.05 0.00	54.74 0.11 0.00	51.93 0.10 0.00	48.61 0.24 0.00	44.18 0.13 0.00	40.65 0.16 0.00	40.24 0.16 0.00	39.87 0.16 0.00	38.21 0.04 0.00	37.63 -0.04 0.00	36.94 -0.15 0.00	40.00 -0.12 0.00	48.48 -0.05 0.00	62.02 0.12 0.00	69.73 0.42 0.00	62.31 0.44 0.00	54.51 0.38 0.00	50.15 0.55 0.00	48.08 0.38 0.00
KATONAH__115KV_46KV_TB4 355592	57.14 2.67 0.00	52.43 2.31 0.00	50.43 2.22 0.00	49.08 2.43 0.00	50.12 2.43 0.00	57.69 3.06 0.00	54.88 3.06 0.00	51.12 2.76 0.00	46.39 2.33 0.00	42.56 2.07 0.00	42.08 2.00 0.00	41.65 1.95 0.00	40.08 1.91 0.00	39.55 1.88 0.00	39.05 1.97 0.00	42.33 2.21 0.00	51.49 2.96 0.00	67.03 3.59 -1.55	75.13 4.02 -1.80	67.67 3.59 -2.21	57.99 3.19 -0.66	52.24 2.63 0.00	50.09 2.39 0.00
KCE_NY_1 323755	57.52 3.05 0.00	52.83 2.71 0.00	50.91 2.70 0.00	49.55 2.89 0.00	50.55 2.86 0.00	58.02 3.39 0.00	55.19 3.37 0.00	51.22 2.85 0.00	46.47 2.42 0.00	42.64 2.14 0.00	42.20 2.12 0.00	41.89 2.18 0.00	40.19 2.02 0.00	39.77 2.11 0.00	39.20 2.11 0.00	42.45 2.33 0.00	51.53 3.01 0.00	81.74 3.78 -16.07	92.21 4.23 -18.67	88.58 3.77 -22.94	64.30 3.30 -6.86	52.48 2.88 0.00	50.56 2.86 0.00
KCE_NY_6_ESR 323823	52.40 -2.07 0.00	48.93 -1.20 0.00	46.04 -2.17 0.00	44.79 -1.87 0.00	45.78 -1.91 0.00	51.36 -3.28 0.00	47.94 -3.89 0.00	45.17 -3.19 0.00	41.76 -2.29 0.00	38.47 -2.02 0.00	37.91 -2.16 0.00	37.44 -2.26 0.00	35.99 -2.17 0.00	35.25 -2.41 0.00	34.82 -2.26 0.00	37.39 -2.73 0.00	44.74 -3.79 0.00	57.13 -4.76 0.00	63.76 -5.55 0.00	57.04 -4.83 0.00	49.31 -4.82 0.00	45.94 -3.67 0.00	45.36 -2.34 0.00
KEDC_PORT_JEFF_GT2 24210	57.91 3.43 0.00	52.78 2.66 0.00	51.15 2.94 0.00	49.45 2.80 0.00	50.83 3.15 0.00	58.24 3.61 0.00	55.09 3.27 0.00	51.22 2.85 0.00	46.87 2.82 0.00	43.37 2.88 0.00	42.40 2.32 0.00	41.97 2.26 0.00	40.30 2.14 0.00	39.96 2.30 0.00	39.72 2.63 0.00	47.75 3.29 -4.34	60.56 4.27 -7.77	70.04 5.51 -2.64	75.87 4.78 -1.78	68.26 4.21 -2.18	59.27 4.49 -0.65	54.14 3.67 -0.86	51.14 3.44 0.00
KEDC_PORT_JEFF_GT3 24211	57.91 3.43 0.00	52.78 2.66 0.00	51.15 2.94 0.00	49.45 2.80 0.00	50.83 3.15 0.00	58.24 3.61 0.00	55.09 3.27 0.00	51.22 2.85 0.00	46.87 2.82 0.00	43.37 2.88 0.00	42.40 2.32 0.00	41.97 2.26 0.00	40.30 2.14 0.00	39.96 2.30 0.00	39.72 2.63 0.00	47.75 3.29 -4.34	60.56 4.27 -7.77	70.04 5.51 -2.64	75.87 4.78 -1.78	68.26 4.21 -2.18	59.27 4.49 -0.65	54.14 3.67 -0.86	51.14 3.44 0.00
KEDC_GLWD_GT4 24219	57.63 3.16 0.00	52.68 2.56 0.00	50.81 2.60 0.00	49.31 2.66 0.00	50.50 2.81 0.00	58.02 3.39 0.00	55.24 3.42 0.00	51.31 2.95 0.00	46.78 2.73 0.00	43.12 2.63 0.00	42.40 2.32 0.00	41.97 2.26 0.00	40.34 2.17 0.00	39.96 2.30 0.00	39.61 2.52 0.00	47.39 2.93 -4.34	59.93 3.64 -7.77	69.11 4.58 -2.64	75.73 4.64 -1.78	68.13 4.08 -2.18	58.85 4.06 -0.65	53.79 3.32 -0.86	50.71 3.01 0.00
KEDC_GLWD_GT5 24220	57.63 3.16 0.00	52.68 2.56 0.00	50.81 2.60 0.00	49.31 2.66 0.00	50.50 2.81 0.00	58.02 3.39 0.00	55.24 3.42 0.00	51.31 2.95 0.00	46.78 2.73 0.00	43.12 2.63 0.00	42.40 2.32 0.00	41.97 2.26 0.00	40.34 2.17 0.00	39.96 2.30 0.00	39.61 2.52 0.00	47.39 2.93 -4.34	59.93 3.64 -7.77	69.11 4.58 -2.64	75.73 4.64 -1.78	68.13 4.08 -2.18	58.85 4.06 -0.65	53.79 3.32 -0.86	50.71 3.01 0.00

KENSICO____ 23655	56.71 2.23 0.00	51.98 1.85 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.69 2.00 0.00	57.26 2.62 0.00	54.52 2.69 0.00	50.69 2.32 0.00	46.12 2.07 0.00	42.35 1.86 0.00	41.84 1.76 0.00	41.45 1.75 0.00	39.88 1.72 0.00	39.40 1.73 0.00	38.90 1.82 0.00	42.13 2.01 0.00	51.15 2.62 0.00	66.64 3.22 -1.53	74.69 3.60 -1.77	67.20 3.16 -2.18	57.65 2.87 -0.65	51.94 2.33 0.00	49.80 2.10 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	56.98 2.51 0.00	52.23 2.11 0.00	50.24 2.02 0.00	48.85 2.19 0.00	49.88 2.19 0.00	57.37 2.73 0.00	54.42 2.59 0.00	50.64 2.27 0.00	45.90 1.85 0.00	42.07 1.58 0.00	41.56 1.48 0.00	41.14 1.43 0.00	39.54 1.37 0.00	39.02 1.36 0.00	38.57 1.48 0.00	41.85 1.73 0.00	51.00 2.47 0.00	66.90 3.22 -1.79	75.14 3.74 -2.08	67.71 3.28 -2.56	57.82 2.92 -0.76	51.99 2.38 0.00	49.94 2.24 0.00
KIAC_JFK_GT1 23816	56.05 1.58 0.00	51.48 1.35 0.00	49.80 1.59 0.00	48.47 1.82 0.00	49.64 1.96 0.00	57.09 2.46 0.00	54.57 2.75 0.00	51.17 2.81 0.00	46.61 2.55 0.00	42.76 2.27 0.00	42.20 2.12 0.00	41.85 2.14 0.00	40.34 2.18 0.00	39.81 2.15 0.00	39.38 2.30 0.00	42.53 2.41 0.00	51.73 3.20 0.00	66.95 3.53 -1.53	75.11 4.02 -1.78	67.52 3.46 -2.18	57.76 2.98 -0.65	51.79 2.18 0.00	49.80 2.10 0.00
KIAC_JFK_GT2 23817	56.05 1.58 0.00	51.48 1.35 0.00	49.80 1.59 0.00	48.47 1.82 0.00	49.64 1.96 0.00	57.09 2.46 0.00	54.57 2.75 0.00	51.17 2.81 0.00	46.61 2.55 0.00	42.76 2.27 0.00	42.20 2.12 0.00	41.85 2.14 0.00	40.34 2.18 0.00	39.81 2.15 0.00	39.38 2.30 0.00	42.53 2.41 0.00	51.73 3.20 0.00	66.95 3.53 -1.53	75.11 4.02 -1.78	67.52 3.46 -2.18	57.76 2.98 -0.65	51.79 2.18 0.00	49.80 2.10 0.00
KIAC_JFK____ 323774	56.11 1.63 0.00	51.43 1.30 0.00	49.80 1.59 0.00	48.47 1.82 0.00	49.64 1.96 0.00	57.10 2.46 0.00	54.62 2.80 0.00	51.22 2.85 0.00	46.65 2.60 0.00	42.88 2.39 0.00	42.28 2.20 0.00	41.89 2.18 0.00	40.34 2.17 0.00	39.92 2.26 0.00	39.46 2.38 0.00	42.61 2.49 0.00	51.39 2.86 0.00	66.95 3.53 -1.53	75.11 4.02 -1.78	67.51 3.46 -2.18	57.81 3.03 -0.65	51.74 2.13 0.00	49.75 2.05 0.00
KINTIGH____ 23543	51.04 -3.43 0.00	47.67 -2.46 0.00	44.98 -3.23 0.00	43.72 -2.94 0.00	44.68 -3.00 0.00	50.16 -4.48 0.00	47.01 -4.82 0.00	44.16 -4.21 0.00	40.79 -3.26 0.00	37.58 -2.92 0.00	37.03 -3.05 0.00	36.61 -3.10 0.00	35.27 -2.90 0.00	34.80 -2.86 0.00	34.30 -2.78 0.00	36.83 -3.29 0.00	43.87 -4.66 0.00	55.95 -5.94 0.00	62.31 -7.00 0.00	55.74 -6.13 0.00	48.50 -5.63 0.00	44.99 -4.61 0.00	44.31 -3.39 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	54.97 0.49 0.00	50.63 0.50 0.00	50.48 2.27 0.00	46.89 0.23 0.00	48.31 0.62 0.00	55.73 1.09 0.00	52.91 1.09 0.00	49.43 1.06 0.00	44.98 0.93 0.00	41.42 0.93 0.00	41.00 0.92 0.00	40.58 0.87 0.00	38.82 0.65 0.00	38.12 0.45 0.00	37.38 0.30 0.00	40.52 0.40 0.00	49.11 0.58 0.00	63.01 1.11 0.00	71.04 1.73 0.00	63.60 1.73 0.00	55.59 1.46 0.00	51.20 1.59 0.00	49.08 1.38 0.00
LACHUTE__HYDRO 323717	60.19 5.72 0.00	55.29 5.16 0.00	53.51 5.30 0.00	52.20 5.55 0.00	53.31 5.62 0.00	61.19 6.55 0.00	58.25 6.42 0.00	53.68 5.32 0.00	48.50 4.45 0.00	44.34 3.85 0.00	43.92 3.85 0.00	43.68 3.97 0.00	41.75 3.59 0.00	41.39 3.73 0.00	40.76 3.67 0.00	44.17 4.05 0.00	53.91 5.39 0.00	84.96 7.11 -15.95	96.15 7.90 -18.94	92.18 7.05 -23.26	66.99 5.90 -6.96	54.72 5.11 0.00	52.81 5.11 0.00
LAWRNCALV_115KV_TB1 80681	55.02 0.54 0.00	50.68 0.55 0.00	49.03 0.82 0.00	46.70 0.05 0.00	47.74 0.05 0.00	54.74 0.11 0.00	51.77 -0.05 0.00	48.32 -0.05 0.00	43.79 -0.26 0.00	40.37 -0.12 0.00	39.96 -0.12 0.00	39.63 -0.08 0.00	38.01 -0.15 0.00	37.44 -0.23 0.00	36.68 -0.41 0.00	39.84 -0.28 0.00	48.33 -0.19 0.00	61.95 0.06 0.00	69.73 0.42 0.00	62.36 0.49 0.00	54.56 0.43 0.00	50.35 0.74 0.00	48.23 0.52 0.00
LEDERLE____ 23769	56.65 2.18 0.00	51.93 1.80 0.00	49.95 1.74 0.00	48.61 1.96 0.00	49.64 1.96 0.00	57.09 2.46 0.00	54.31 2.49 0.00	50.54 2.18 0.00	45.99 1.94 0.00	42.23 1.74 0.00	41.72 1.64 0.00	41.29 1.59 0.00	39.73 1.56 0.00	39.21 1.54 0.00	38.75 1.67 0.00	41.93 1.81 0.00	50.95 2.43 0.00	66.37 3.03 -1.45	74.32 3.33 -1.68	66.85 2.91 -2.07	57.40 2.65 -0.62	51.74 2.13 0.00	49.66 1.96 0.00
LIGHTHSE_115KV_TB6 355974	53.39 -1.09 0.00	49.18 -0.95 0.00	47.15 -1.06 0.00	45.77 -0.89 0.00	46.64 -1.05 0.00	53.05 -1.58 0.00	50.17 -1.66 0.00	46.77 -1.60 0.00	42.55 -1.50 0.00	39.15 -1.34 0.00	38.79 -1.28 0.00	38.44 -1.27 0.00	36.98 -1.18 0.00	36.50 -1.17 0.00	35.86 -1.22 0.00	38.76 -1.36 0.00	46.88 -1.65 0.00	60.16 -1.73 0.00	67.72 -1.59 0.00	60.57 -1.30 0.00	52.78 -1.35 0.00	48.47 -1.14 0.00	46.65 -1.05 0.00
LINDEN COGEN____ 23786	49.15 1.96 7.28	49.19 1.50 2.44	48.71 1.59 1.09	48.43 1.77 0.00	48.94 1.77 0.51	57.04 2.40 0.00	54.52 2.69 0.00	49.84 2.27 0.80	46.12 2.07 0.00	42.43 1.94 0.00	41.80 1.72 0.00	41.37 1.67 0.00	39.81 1.64 0.00	39.21 1.54 0.00	38.71 1.63 0.00	41.88 1.76 0.00	49.84 2.43 1.11	56.40 2.97 8.46	69.63 3.33 3.01	56.40 2.91 8.38	50.99 2.44 5.58	49.84 2.03 1.80	49.56 1.86 0.00
LINDHRST_69_KV_BK1 356055	58.02 3.54 0.00	53.09 2.96 0.00	51.15 2.94 0.00	49.69 3.03 0.00	50.83 3.15 0.00	58.46 3.82 0.00	55.45 3.63 0.00	51.46 3.10 0.00	46.91 2.86 0.00	43.37 2.87 0.00	42.68 2.60 0.00	42.13 2.42 0.00	40.42 2.25 0.00	40.00 2.34 0.00	39.72 2.63 0.00	47.63 3.17 -4.34	60.42 4.12 -7.77	69.79 5.26 -2.64	76.15 5.06 -1.78	68.57 4.52 -2.18	59.22 4.44 -0.65	54.24 3.77 -0.86	51.09 3.39 0.00
LIPA_MISC_IPP 23656	57.58 3.11 0.00	52.64 2.51 0.00	50.91 2.70 0.00	49.45 2.80 0.00	50.64 2.96 0.00	58.13 3.50 0.00	54.68 2.85 0.00	50.83 2.47 0.00	46.56 2.51 0.00	43.20 2.71 0.00	42.52 2.44 0.00	41.81 2.10 0.00	40.04 1.87 0.00	39.62 1.96 0.00	39.42 2.34 0.00	47.51 3.05 -4.34	60.42 4.12 -7.77	69.85 5.32 -2.64	75.25 4.16 -1.78	67.70 3.65 -2.18	58.90 4.11 -0.65	53.84 3.37 -0.86	50.85 3.15 0.00
LISF__SOLAR 323691	57.69 3.21 0.00	52.49 2.36 0.00	51.01 2.80 0.00	49.22 2.56 0.00	50.74 3.05 0.00	58.08 3.44 0.00	54.67 2.85 0.00	50.88 2.51 0.00	46.65 2.60 0.00	43.25 2.75 0.00	42.20 2.12 0.00	41.73 2.02 0.00	40.07 1.91 0.00	39.70 2.03 0.00	39.49 2.41 0.00	47.63 3.17 -4.34	60.51 4.22 -7.77	69.98 5.45 -2.64	75.39 4.30 -1.78	67.83 3.77 -2.18	59.12 4.33 -0.65	53.94 3.47 -0.86	50.99 3.29 0.00

LITTLE FALLS___HYD 24013	55.13 0.65 0.00	50.78 0.65 0.00	48.98 0.77 0.00	47.59 0.93 0.00	48.64 0.95 0.00	55.89 1.26 0.00	53.12 1.30 0.00	49.62 1.26 0.00	45.20 1.15 0.00	41.58 1.09 0.00	41.08 1.00 0.00	40.46 0.75 0.00	38.78 0.61 0.00	38.15 0.49 0.00	37.45 0.37 0.00	40.44 0.32 0.00	48.96 0.44 0.00	62.57 0.68 0.00	70.28 0.97 0.00	62.92 1.05 0.00	55.38 1.25 0.00	50.75 1.14 0.00	48.23 0.52 0.00
LITTLRIV_115KV_TB1 356100	55.78 1.31 0.00	51.33 1.20 0.00	49.66 1.45 0.00	47.31 0.65 0.00	48.36 0.67 0.00	55.40 0.76 0.00	52.34 0.52 0.00	48.80 0.44 0.00	44.14 0.09 0.00	40.65 0.16 0.00	40.28 0.20 0.00	39.90 0.20 0.00	38.32 0.15 0.00	37.70 0.04 0.00	36.97 -0.11 0.00	40.20 0.08 0.00	48.86 0.34 0.00	62.76 0.87 0.00	70.77 1.46 0.00	63.29 1.42 0.00	55.32 1.19 0.00	51.05 1.44 0.00	48.85 1.14 0.00
LI_NEWBRDGE___DRP 323616	57.14 2.67 0.00	52.33 2.21 0.00	50.43 2.22 0.00	49.03 2.38 0.00	50.12 2.43 0.00	57.64 3.00 0.00	54.78 2.95 0.00	50.88 2.51 0.00	46.39 2.33 0.00	42.76 2.27 0.00	42.16 2.08 0.00	41.65 1.95 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.23 2.15 0.00	46.99 2.53 -4.34	59.54 3.25 -7.77	68.56 4.02 -2.64	74.97 3.88 -1.78	67.52 3.46 -2.18	58.25 3.46 -0.65	53.39 2.93 -0.86	50.32 2.62 0.00
LOCKPORT_115KV_TB60_63_64 80432	51.10 -3.38 0.00	47.77 -2.36 0.00	44.93 -3.28 0.00	43.67 -2.99 0.00	44.68 -3.00 0.00	49.94 -4.70 0.00	46.64 -5.18 0.00	43.91 -4.45 0.00	40.57 -3.48 0.00	37.37 -3.12 0.00	36.75 -3.33 0.00	36.33 -3.37 0.00	35.00 -3.17 0.00	34.54 -3.13 0.00	34.04 -3.04 0.00	36.51 -3.61 0.00	43.38 -5.14 0.00	55.45 -6.44 0.00	61.76 -7.55 0.00	55.31 -6.56 0.00	48.01 -6.12 0.00	44.65 -4.96 0.00	44.17 -3.53 0.00
LOCKPORT___CC1 323769	50.99 -3.49 0.00	47.77 -2.36 0.00	44.89 -3.33 0.00	43.67 -2.99 0.00	44.68 -3.00 0.00	49.94 -4.70 0.00	46.49 -5.34 0.00	43.82 -4.55 0.00	40.53 -3.53 0.00	37.29 -3.20 0.00	36.83 -3.24 0.00	36.37 -3.34 0.00	35.00 -3.17 0.00	34.27 -3.39 0.00	33.82 -3.26 0.00	36.31 -3.81 0.00	43.43 -5.09 0.00	55.39 -6.50 0.00	61.76 -7.55 0.00	55.25 -6.62 0.00	47.80 -6.33 0.00	44.60 -5.01 0.00	44.17 -3.53 0.00
LOCKPORT___CC2 323770	50.99 -3.49 0.00	47.77 -2.36 0.00	44.89 -3.33 0.00	43.67 -2.99 0.00	44.68 -3.00 0.00	49.94 -4.70 0.00	46.49 -5.34 0.00	43.82 -4.55 0.00	40.53 -3.53 0.00	37.29 -3.20 0.00	36.83 -3.24 0.00	36.37 -3.34 0.00	35.00 -3.17 0.00	34.27 -3.39 0.00	33.82 -3.26 0.00	36.31 -3.81 0.00	43.43 -5.09 0.00	55.39 -6.50 0.00	61.76 -7.55 0.00	55.25 -6.62 0.00	47.80 -6.33 0.00	44.60 -5.01 0.00	44.17 -3.53 0.00
LOCKPORT___CC3 323771	50.99 -3.49 0.00	47.77 -2.36 0.00	44.89 -3.33 0.00	43.67 -2.99 0.00	44.68 -3.00 0.00	49.94 -4.70 0.00	46.49 -5.34 0.00	43.82 -4.55 0.00	40.53 -3.53 0.00	37.29 -3.20 0.00	36.83 -3.24 0.00	36.37 -3.34 0.00	35.00 -3.17 0.00	34.27 -3.39 0.00	33.82 -3.26 0.00	36.31 -3.81 0.00	43.43 -5.09 0.00	55.39 -6.50 0.00	61.76 -7.55 0.00	55.25 -6.62 0.00	47.80 -6.33 0.00	44.60 -5.01 0.00	44.17 -3.53 0.00
LONG_LAKE_PHOENIX 24014	52.62 -1.85 0.00	48.52 -1.60 0.00	46.48 -1.74 0.00	45.12 -1.54 0.00	46.07 -1.62 0.00	52.61 -2.02 0.00	49.80 -2.02 0.00	46.53 -1.84 0.00	42.46 -1.59 0.00	39.07 -1.42 0.00	38.63 -1.44 0.00	38.32 -1.39 0.00	36.87 -1.30 0.00	36.38 -1.28 0.00	35.82 -1.26 0.00	38.68 -1.44 0.00	46.63 -1.89 0.00	59.54 -2.35 0.00	66.75 -2.56 0.00	59.58 -2.29 0.00	51.97 -2.17 0.00	47.72 -1.89 0.00	45.98 -1.72 0.00
LOVETT___3 23632	56.33 1.85 0.00	51.63 1.50 0.00	49.71 1.49 0.00	48.33 1.68 0.00	49.36 1.67 0.00	56.82 2.19 0.00	54.10 2.28 0.00	50.30 1.93 0.00	45.77 1.72 0.00	42.03 1.54 0.00	41.52 1.44 0.00	41.14 1.43 0.00	39.58 1.41 0.00	39.06 1.39 0.00	38.60 1.52 0.00	41.76 1.64 0.00	50.71 2.18 0.00	66.01 2.66 -1.46	73.99 2.98 -1.70	66.55 2.60 -2.09	57.14 2.38 -0.62	51.54 1.93 0.00	49.42 1.72 0.00
LOVETT___4 23642	56.33 1.85 0.00	51.63 1.50 0.00	49.71 1.49 0.00	48.33 1.68 0.00	49.36 1.67 0.00	56.82 2.19 0.00	54.10 2.28 0.00	50.30 1.93 0.00	45.77 1.72 0.00	42.03 1.54 0.00	41.52 1.44 0.00	41.14 1.43 0.00	39.58 1.41 0.00	39.06 1.39 0.00	38.60 1.52 0.00	41.76 1.64 0.00	50.71 2.18 0.00	66.01 2.66 -1.46	73.99 2.98 -1.70	66.55 2.60 -2.09	57.14 2.38 -0.62	51.54 1.93 0.00	49.42 1.72 0.00
LOVETT___5 23593	56.33 1.85 0.00	51.63 1.50 0.00	49.71 1.49 0.00	48.33 1.68 0.00	49.36 1.67 0.00	56.82 2.19 0.00	54.10 2.28 0.00	50.30 1.93 0.00	45.77 1.72 0.00	42.03 1.54 0.00	41.52 1.44 0.00	41.14 1.43 0.00	39.58 1.41 0.00	39.06 1.39 0.00	38.60 1.52 0.00	41.76 1.64 0.00	50.71 2.18 0.00	66.01 2.66 -1.46	73.99 2.98 -1.70	66.55 2.60 -2.09	57.14 2.38 -0.62	51.54 1.93 0.00	49.42 1.72 0.00
LOWER RAQUET___HYD 24057	54.96 0.49 0.00	50.58 0.45 0.00	48.94 0.72 0.00	46.56 -0.09 0.00	47.54 -0.14 0.00	54.53 -0.11 0.00	51.57 -0.26 0.00	48.12 -0.24 0.00	43.61 -0.44 0.00	40.21 -0.28 0.00	39.80 -0.28 0.00	39.43 -0.28 0.00	37.86 -0.31 0.00	37.29 -0.38 0.00	36.53 -0.56 0.00	39.68 -0.44 0.00	48.14 -0.39 0.00	61.71 -0.19 0.00	69.52 0.21 0.00	62.18 0.31 0.00	54.40 0.27 0.00	50.30 0.69 0.00	48.13 0.43 0.00
LOWER___HUDSON 24059	56.87 2.39 0.00	52.23 2.11 0.00	50.24 2.02 0.00	48.85 2.19 0.00	49.88 2.19 0.00	57.26 2.62 0.00	54.47 2.64 0.00	50.64 2.27 0.00	45.99 1.94 0.00	42.31 1.82 0.00	41.84 1.76 0.00	41.49 1.79 0.00	39.84 1.68 0.00	39.43 1.77 0.00	38.86 1.78 0.00	42.09 1.97 0.00	50.95 2.43 0.00	78.32 3.03 -13.40	88.15 3.26 -15.58	83.86 2.85 -19.15	62.56 2.71 -5.73	51.89 2.28 0.00	49.94 2.24 0.00
LOWVILLE_115KV_TB2 356335	55.29 0.82 0.00	50.83 0.70 0.00	48.93 0.72 0.00	47.31 0.65 0.00	48.26 0.57 0.00	54.64 0.00 0.00	51.67 -0.16 0.00	48.03 -0.34 0.00	43.48 -0.57 0.00	39.88 -0.61 0.00	39.47 -0.60 0.00	39.11 -0.60 0.00	37.59 -0.57 0.00	37.02 -0.64 0.00	36.38 -0.70 0.00	39.60 -0.52 0.00	48.14 -0.39 0.00	62.02 0.12 0.00	70.00 0.69 0.00	62.61 0.74 0.00	54.62 0.49 0.00	50.05 0.45 0.00	47.94 0.24 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	57.47 3.00 0.00	52.84 2.71 0.00	50.91 2.70 0.00	49.50 2.85 0.00	50.55 2.86 0.00	57.97 3.33 0.00	55.14 3.32 0.00	51.17 2.81 0.00	46.43 2.38 0.00	42.60 2.11 0.00	42.20 2.12 0.00	41.85 2.14 0.00	40.19 2.02 0.00	39.74 2.07 0.00	39.16 2.08 0.00	42.41 2.29 0.00	51.49 2.96 0.00	81.74 3.78 -16.07	92.21 4.23 -18.67	88.52 3.71 -22.94	64.29 3.30 -6.86	52.44 2.83 0.00	50.52 2.81 0.00

LUTHERNY_35_KV_BK2 355980	57.53 3.05 0.00	52.84 2.71 0.00	50.91 2.70 0.00	49.50 2.85 0.00	50.55 2.86 0.00	58.02 3.39 0.00	55.19 3.37 0.00	51.17 2.81 0.00	46.47 2.42 0.00	42.64 2.15 0.00	42.24 2.16 0.00	41.89 2.18 0.00	40.23 2.06 0.00	39.77 2.11 0.00	39.20 2.11 0.00	42.45 2.33 0.00	51.53 3.01 0.00	81.74 3.78 -16.07	92.21 4.23 -18.67	88.58 3.77 -22.94	64.29 3.30 -6.86	52.49 2.88 0.00	50.56 2.86 0.00
LWR___OSWEGATCHIE_HYD 23850	54.64 0.16 0.00	50.23 0.10 0.00	48.45 0.24 0.00	46.47 -0.19 0.00	47.45 -0.24 0.00	54.09 -0.55 0.00	51.15 -0.67 0.00	47.59 -0.77 0.00	43.08 -0.97 0.00	39.64 -0.85 0.00	39.23 -0.84 0.00	38.87 -0.83 0.00	37.33 -0.84 0.00	36.80 -0.87 0.00	36.08 -1.00 0.00	39.24 -0.88 0.00	47.65 -0.87 0.00	61.33 -0.56 0.00	69.24 -0.07 0.00	61.93 0.06 0.00	54.08 -0.05 0.00	49.76 0.15 0.00	47.65 -0.05 0.00
LYONS_FALL_HYD 23570	55.51 1.03 0.00	50.98 0.85 0.00	49.08 0.87 0.00	47.50 0.84 0.00	48.50 0.81 0.00	55.13 0.49 0.00	52.19 0.37 0.00	48.56 0.19 0.00	44.05 0.00 0.00	40.41 -0.08 0.00	40.04 -0.04 0.00	39.67 -0.04 0.00	38.09 -0.08 0.00	37.55 -0.11 0.00	36.94 -0.15 0.00	40.12 0.00 0.00	48.67 0.15 0.00	62.57 0.68 0.00	70.49 1.18 0.00	62.98 1.11 0.00	54.99 0.86 0.00	50.35 0.75 0.00	48.28 0.57 0.00
MADISON___COUNTY_LFGE 323628	55.67 1.20 0.00	51.23 1.10 0.00	49.22 1.01 0.00	47.78 1.12 0.00	48.78 1.10 0.00	55.73 1.09 0.00	52.76 0.93 0.00	49.14 0.77 0.00	44.67 0.62 0.00	41.02 0.53 0.00	40.60 0.52 0.00	40.22 0.52 0.00	38.70 0.53 0.00	38.15 0.49 0.00	37.57 0.48 0.00	40.72 0.60 0.00	49.25 0.73 0.00	63.13 1.24 0.00	70.97 1.66 0.00	63.42 1.55 0.00	55.32 1.19 0.00	50.65 1.04 0.00	48.70 1.00 0.00
MALONE___115KV_TB1 356076	55.24 0.76 0.00	50.93 0.80 0.00	49.71 1.49 0.00	47.03 0.37 0.00	48.31 0.62 0.00	55.56 0.93 0.00	52.65 0.83 0.00	49.14 0.77 0.00	44.58 0.53 0.00	41.02 0.53 0.00	40.60 0.52 0.00	40.26 0.56 0.00	38.59 0.42 0.00	37.97 0.30 0.00	37.27 0.19 0.00	40.44 0.32 0.00	49.01 0.49 0.00	62.88 0.99 0.00	70.84 1.52 0.00	63.35 1.48 0.00	55.32 1.19 0.00	50.90 1.29 0.00	48.75 1.05 0.00
MAPLEWOD_115KV_TB3 80458	56.76 2.29 0.00	52.08 1.96 0.00	50.14 1.93 0.00	48.75 2.10 0.00	49.74 2.05 0.00	57.09 2.46 0.00	54.26 2.44 0.00	50.44 2.08 0.00	45.90 1.85 0.00	42.23 1.74 0.00	41.80 1.72 0.00	41.45 1.75 0.00	39.85 1.68 0.00	39.36 1.69 0.00	38.79 1.71 0.00	42.01 1.89 0.00	50.85 2.33 0.00	75.39 2.85 -10.65	84.81 3.12 -12.38	79.79 2.72 -15.20	61.22 2.54 -4.55	51.79 2.18 0.00	49.80 2.10 0.00
MAPLE_RIDGE_WT_1 323574	53.66 -0.82 0.00	49.38 -0.75 0.00	48.36 0.15 0.00	46.00 -0.65 0.00	47.16 -0.52 0.00	54.09 -0.55 0.00	51.26 -0.57 0.00	47.88 -0.48 0.00	43.57 -0.48 0.00	40.05 -0.44 0.00	39.60 -0.48 0.00	39.11 -0.59 0.00	37.44 -0.73 0.00	36.87 -0.79 0.00	36.27 -0.82 0.00	39.28 -0.84 0.00	47.56 -0.97 0.00	60.78 -1.11 0.00	68.20 -1.11 0.00	61.00 -0.87 0.00	53.43 -0.71 0.00	49.06 -0.54 0.00	47.13 -0.57 0.00
MAPLE_RIDGE_WT_2 323611	53.66 -0.82 0.00	49.38 -0.75 0.00	48.36 0.15 0.00	46.00 -0.65 0.00	47.16 -0.52 0.00	54.09 -0.55 0.00	51.26 -0.57 0.00	47.88 -0.48 0.00	43.57 -0.48 0.00	40.05 -0.44 0.00	39.60 -0.48 0.00	39.11 -0.59 0.00	37.44 -0.73 0.00	36.87 -0.79 0.00	36.27 -0.82 0.00	39.28 -0.84 0.00	47.56 -0.97 0.00	60.78 -1.11 0.00	68.20 -1.11 0.00	61.00 -0.87 0.00	53.43 -0.71 0.00	49.06 -0.54 0.00	47.13 -0.57 0.00
MARBLE_RIVER_WT_PWR 323696	53.55 -0.93 0.00	49.32 -0.80 0.00	50.43 2.22 0.00	45.77 -0.89 0.00	47.30 -0.38 0.00	54.69 0.05 0.00	52.03 0.21 0.00	48.75 0.39 0.00	44.45 0.40 0.00	41.02 0.53 0.00	40.60 0.52 0.00	40.10 0.40 0.00	38.28 0.11 0.00	37.55 -0.11 0.00	36.75 -0.33 0.00	39.72 -0.40 0.00	48.09 -0.44 0.00	61.71 -0.19 0.00	69.66 0.35 0.00	62.43 0.56 0.00	54.73 0.60 0.00	50.50 0.89 0.00	48.56 0.86 0.00
MARSHVLE_115KV_TB1 80742	57.47 3.00 0.00	52.74 2.61 0.00	50.86 2.65 0.00	49.36 2.71 0.00	50.45 2.77 0.00	57.91 3.28 0.00	54.93 3.11 0.00	50.54 2.18 0.00	45.72 1.67 0.00	41.66 1.17 0.00	41.28 1.20 0.00	41.06 1.35 0.00	39.39 1.22 0.00	38.87 1.21 0.00	38.38 1.30 0.00	42.05 1.93 0.00	51.29 2.77 0.00	80.19 3.84 -14.46	90.74 4.64 -16.78	86.70 4.21 -20.62	63.82 3.52 -6.17	52.58 2.98 0.00	50.47 2.77 0.00
MARSH_HILL_WT_PWR 323713	52.57 -1.91 0.00	49.38 -0.75 0.00	46.91 -1.30 0.00	45.91 -0.75 0.00	46.97 -0.71 0.00	52.78 -1.86 0.00	49.55 -2.28 0.00	46.14 -2.22 0.00	41.98 -2.07 0.00	38.26 -2.23 0.00	37.67 -2.40 0.00	37.16 -2.54 0.00	35.49 -2.67 0.00	34.54 -3.13 0.00	34.01 -3.08 0.00	36.83 -3.29 0.00	44.64 -3.88 0.00	58.11 -4.21 -0.43	65.72 -4.09 -0.50	58.89 -3.59 -0.61	50.69 -3.63 -0.18	46.88 -2.73 0.00	45.70 -2.00 0.00
MCINTYRE_115KV_TB2 80467	56.27 1.80 0.00	51.78 1.65 0.00	50.09 1.88 0.00	47.82 1.17 0.00	48.88 1.19 0.00	56.06 1.42 0.00	52.91 1.09 0.00	49.23 0.87 0.00	44.54 0.48 0.00	40.94 0.45 0.00	40.56 0.48 0.00	40.18 0.48 0.00	38.59 0.42 0.00	37.97 0.30 0.00	37.27 0.19 0.00	40.56 0.44 0.00	49.35 0.82 0.00	63.44 1.55 0.00	71.60 2.29 0.00	64.03 2.17 0.00	55.92 1.79 0.00	51.49 1.89 0.00	49.28 1.57 0.00
MECO_____69_KV_BK1 80468	58.61 4.14 0.00	53.79 3.66 0.00	51.92 3.71 0.00	50.48 3.83 0.00	51.55 3.86 0.00	59.17 4.53 0.00	56.13 4.30 0.00	51.60 3.24 0.00	46.65 2.60 0.00	42.64 2.15 0.00	42.24 2.16 0.00	42.01 2.30 0.00	40.27 2.10 0.00	39.81 2.15 0.00	39.27 2.19 0.00	42.85 2.73 0.00	52.36 3.83 0.00	82.65 5.20 -15.56	93.54 6.17 -18.06	89.56 5.51 -22.19	65.42 4.66 -6.64	53.63 4.02 0.00	51.52 3.82 0.00
MENANDS___115KV_TB5 355628	56.65 2.18 0.00	52.03 1.90 0.00	50.04 1.83 0.00	48.71 2.05 0.00	49.64 1.96 0.00	56.98 2.35 0.00	54.16 2.33 0.00	50.39 2.03 0.00	45.86 1.81 0.00	42.19 1.70 0.00	41.76 1.68 0.00	41.41 1.71 0.00	39.81 1.64 0.00	39.32 1.66 0.00	38.75 1.67 0.00	41.93 1.81 0.00	50.76 2.23 0.00	74.84 2.72 -10.23	84.10 2.91 -11.88	79.00 2.54 -14.60	60.93 2.44 -4.37	51.69 2.08 0.00	49.70 2.00 0.00
MG INDUSTRY___DRP 24185	56.60 2.12 0.00	51.98 1.85 0.00	50.04 1.83 0.00	48.61 1.96 0.00	49.64 1.96 0.00	56.93 2.29 0.00	54.05 2.23 0.00	50.15 1.79 0.00	45.55 1.50 0.00	41.83 1.34 0.00	41.44 1.36 0.00	41.10 1.39 0.00	39.50 1.34 0.00	39.06 1.39 0.00	38.46 1.37 0.00	41.64 1.52 0.00	50.47 1.94 0.00	69.83 2.29 -5.65	78.43 2.56 -6.56	72.22 2.29 -8.06	58.65 2.11 -2.41	51.54 1.93 0.00	49.61 1.91 0.00

MID___OSWEGATCHIE_HYD 23849	54.64 0.16 0.00	50.23 0.10 0.00	48.45 0.24 0.00	46.47 -0.19 0.00	47.45 -0.24 0.00	54.09 -0.55 0.00	51.15 -0.67 0.00	47.59 -0.77 0.00	43.08 -0.97 0.00	39.64 -0.85 0.00	39.23 -0.84 0.00	38.87 -0.83 0.00	37.33 -0.84 0.00	36.80 -0.87 0.00	36.08 -1.00 0.00	39.24 -0.88 0.00	47.65 -0.87 0.00	61.33 -0.56 0.00	69.24 -0.07 0.00	61.93 0.06 0.00	54.08 -0.05 0.00	49.76 0.15 0.00	47.65 -0.05 0.00
MID___RAQUETTE_HYD 23851	54.97 0.49 0.00	50.58 0.45 0.00	48.93 0.72 0.00	46.56 -0.09 0.00	47.54 -0.14 0.00	54.53 -0.11 0.00	51.57 -0.26 0.00	48.12 -0.24 0.00	43.61 -0.44 0.00	40.17 -0.32 0.00	39.80 -0.28 0.00	39.43 -0.28 0.00	37.86 -0.31 0.00	37.29 -0.38 0.00	36.49 -0.59 0.00	39.68 -0.44 0.00	48.14 -0.39 0.00	61.71 -0.19 0.00	69.52 0.21 0.00	62.18 0.31 0.00	54.40 0.27 0.00	50.30 0.69 0.00	48.13 0.43 0.00
MILLIKEN___1 23584	54.86 0.38 0.00	50.68 0.55 0.00	48.40 0.19 0.00	47.08 0.42 0.00	48.07 0.38 0.00	54.91 0.27 0.00	51.93 0.10 0.00	48.46 0.10 0.00	44.09 0.04 0.00	40.45 -0.04 0.00	40.00 -0.08 0.00	39.63 -0.08 0.00	38.09 -0.08 0.00	37.55 -0.11 0.00	37.01 -0.07 0.00	40.04 -0.08 0.00	48.38 -0.15 0.00	62.46 0.12 -0.45	70.18 0.35 -0.52	62.82 0.31 -0.64	54.32 0.00 -0.19	49.66 0.05 0.00	47.94 0.24 0.00
MILLIKEN___2 23585	54.86 0.38 0.00	50.68 0.55 0.00	48.40 0.19 0.00	47.08 0.42 0.00	48.07 0.38 0.00	54.91 0.27 0.00	51.93 0.10 0.00	48.46 0.10 0.00	44.09 0.04 0.00	40.45 -0.04 0.00	40.00 -0.08 0.00	39.63 -0.08 0.00	38.09 -0.08 0.00	37.55 -0.11 0.00	37.01 -0.07 0.00	40.04 -0.08 0.00	48.38 -0.15 0.00	62.46 0.12 -0.45	70.18 0.35 -0.52	62.82 0.31 -0.64	54.32 0.00 -0.19	49.66 0.05 0.00	47.94 0.24 0.00
MILLIKEN___DIESEL 23629	54.86 0.38 0.00	50.68 0.55 0.00	48.40 0.19 0.00	47.08 0.42 0.00	48.07 0.38 0.00	54.91 0.27 0.00	51.93 0.10 0.00	48.46 0.10 0.00	44.09 0.04 0.00	40.45 -0.04 0.00	40.00 -0.08 0.00	39.63 -0.08 0.00	38.09 -0.08 0.00	37.55 -0.11 0.00	37.01 -0.07 0.00	40.04 -0.08 0.00	48.38 -0.15 0.00	62.46 0.12 -0.45	70.18 0.35 -0.52	62.82 0.31 -0.64	54.32 0.00 -0.19	49.66 0.05 0.00	47.94 0.24 0.00
MILLSEAT___LFGE 323607	52.19 -2.29 0.00	48.78 -1.35 0.00	45.95 -2.27 0.00	44.70 -1.96 0.00	45.83 -1.86 0.00	51.30 -3.33 0.00	47.84 -3.99 0.00	45.12 -3.24 0.00	41.58 -2.47 0.00	38.22 -2.27 0.00	37.75 -2.33 0.00	37.32 -2.38 0.00	35.88 -2.29 0.00	35.14 -2.52 0.00	34.71 -2.37 0.00	37.27 -2.85 0.00	44.79 -3.74 0.00	57.19 -4.71 0.00	63.98 -5.34 0.00	57.23 -4.64 0.00	49.48 -4.66 0.00	45.99 -3.62 0.00	45.32 -2.38 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	56.65 2.18 0.00	51.93 1.80 0.00	50.00 1.78 0.00	48.66 2.01 0.00	49.69 2.00 0.00	57.20 2.57 0.00	54.47 2.64 0.00	50.64 2.27 0.00	46.08 2.03 0.00	42.31 1.82 0.00	41.80 1.72 0.00	41.37 1.67 0.00	39.81 1.64 0.00	39.32 1.66 0.00	38.86 1.78 0.00	42.05 1.93 0.00	51.10 2.57 0.00	66.57 3.16 -1.52	74.55 3.47 -1.77	67.08 3.03 -2.18	57.54 2.76 -0.65	51.84 2.23 0.00	49.75 2.05 0.00
MILLWOOD_13_KV_LOAD 356217	56.82 2.34 0.00	52.08 1.96 0.00	50.14 1.93 0.00	48.80 2.15 0.00	49.83 2.15 0.00	57.37 2.73 0.00	54.57 2.75 0.00	50.78 2.42 0.00	46.17 2.11 0.00	42.35 1.86 0.00	41.88 1.80 0.00	41.45 1.75 0.00	39.88 1.72 0.00	39.40 1.73 0.00	38.90 1.82 0.00	42.13 2.01 0.00	51.19 2.67 0.00	66.70 3.28 -1.52	74.76 3.67 -1.77	67.26 3.22 -2.18	57.70 2.92 -0.65	51.99 2.38 0.00	49.85 2.15 0.00
MODEL_CITY_ENERGY 24167	50.50 -3.97 0.00	47.27 -2.86 0.00	44.45 -3.76 0.00	43.25 -3.40 0.00	44.25 -3.43 0.00	49.44 -5.19 0.00	45.97 -5.86 0.00	43.33 -5.03 0.00	40.17 -3.88 0.00	36.97 -3.52 0.00	36.51 -3.57 0.00	36.05 -3.65 0.00	34.69 -3.47 0.00	33.97 -3.69 0.00	33.56 -3.52 0.00	35.99 -4.13 0.00	43.04 -5.48 0.00	54.83 -7.06 0.00	61.06 -8.25 0.00	54.63 -7.24 0.00	47.26 -6.88 0.00	44.15 -5.46 0.00	43.74 -3.96 0.00
MODERN_LFGE___ 323580	50.50 -3.97 0.00	47.27 -2.86 0.00	44.45 -3.76 0.00	43.25 -3.40 0.00	44.25 -3.43 0.00	49.44 -5.19 0.00	45.97 -5.86 0.00	43.33 -5.03 0.00	40.17 -3.88 0.00	36.97 -3.52 0.00	36.51 -3.57 0.00	36.05 -3.65 0.00	34.69 -3.47 0.00	33.97 -3.69 0.00	33.56 -3.52 0.00	35.99 -4.13 0.00	43.04 -5.48 0.00	54.83 -7.06 0.00	61.06 -8.25 0.00	54.63 -7.24 0.00	47.26 -6.88 0.00	44.15 -5.46 0.00	43.74 -3.96 0.00
MOHAWK_PAPER___DRP 24187	56.76 2.29 0.00	52.08 1.96 0.00	50.14 1.93 0.00	48.75 2.10 0.00	49.74 2.05 0.00	57.09 2.46 0.00	54.26 2.44 0.00	50.44 2.08 0.00	45.90 1.85 0.00	42.23 1.74 0.00	41.80 1.72 0.00	41.45 1.75 0.00	39.85 1.68 0.00	39.36 1.69 0.00	38.79 1.71 0.00	42.01 1.89 0.00	50.85 2.33 0.00	75.39 2.85 -10.65	84.81 3.12 -12.38	79.79 2.72 -15.20	61.22 2.54 -4.55	51.79 2.18 0.00	49.80 2.10 0.00
MOHICAN___35_KV_115KV_LD 80490	58.40 3.92 0.00	53.64 3.51 0.00	51.78 3.57 0.00	50.39 3.73 0.00	51.45 3.77 0.00	59.06 4.43 0.00	56.28 4.46 0.00	52.09 3.72 0.00	47.22 3.17 0.00	43.20 2.71 0.00	42.84 2.77 0.00	42.48 2.78 0.00	40.72 2.56 0.00	40.26 2.60 0.00	39.68 2.60 0.00	43.01 2.89 0.00	52.31 3.78 0.00	82.66 4.89 -15.88	93.41 5.27 -18.83	89.64 4.64 -23.13	65.00 3.95 -6.92	53.03 3.42 0.00	51.14 3.43 0.00
MONGAUP___HYD 23641	56.71 2.23 0.00	52.03 1.90 0.00	50.04 1.83 0.00	48.66 2.00 0.00	49.69 2.00 0.00	57.10 2.46 0.00	54.10 2.28 0.00	50.25 1.88 0.00	45.55 1.50 0.00	41.75 1.26 0.00	41.24 1.16 0.00	40.82 1.11 0.00	39.20 1.03 0.00	38.76 1.09 0.00	38.27 1.19 0.00	41.56 1.44 0.00	50.56 2.04 0.00	66.05 2.79 -1.37	74.16 3.26 -1.59	66.73 2.91 -1.95	57.37 2.65 -0.58	51.74 2.13 0.00	49.75 2.05 0.00
MONTAUK___DIESEL 23721	57.47 3.00 0.00	52.43 2.31 0.00	50.81 2.60 0.00	49.36 2.71 0.00	50.60 2.91 0.00	58.08 3.44 0.00	54.57 2.75 0.00	50.78 2.42 0.00	46.65 2.60 0.00	43.37 2.87 0.00	42.28 2.20 0.00	41.41 1.71 0.00	39.50 1.34 0.00	39.02 1.36 0.00	38.90 1.82 0.00	47.07 2.61 -4.34	59.93 3.64 -7.77	69.42 4.89 -2.64	74.62 3.53 -1.78	67.14 3.09 -2.18	58.41 3.63 -0.65	53.24 2.78 -0.86	50.28 2.58 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	52.13 -2.34 0.00	48.27 -1.85 0.00	46.14 -2.07 0.00	44.09 -2.57 0.00	45.11 -2.58 0.00	50.87 -3.77 0.00	47.89 -3.94 0.00	45.22 -3.14 0.00	41.89 -2.16 0.00	38.71 -1.78 0.00	37.99 -2.08 0.00	37.36 -2.34 0.00	35.76 -2.40 0.00	35.14 -2.52 0.00	34.60 -2.48 0.00	37.15 -2.97 0.00	44.35 -4.17 0.00	57.06 -4.83 0.00	64.39 -4.92 0.00	57.79 -4.08 0.00	50.13 -4.01 0.00	46.33 -3.27 0.00	45.46 -2.24 0.00

MORRIS_RIDGE___SOLAR 323848	52.40 -2.07 0.00	48.98 -1.15 0.00	46.38 -1.83 0.00	45.16 -1.49 0.00	46.21 -1.48 0.00	51.68 -2.95 0.00	48.46 -3.37 0.00	45.22 -3.14 0.00	41.19 -2.86 0.00	37.70 -2.79 0.00	37.31 -2.76 0.00	36.81 -2.90 0.00	35.23 -2.94 0.00	34.42 -3.24 0.00	33.89 -3.19 0.00	36.63 -3.49 0.00	44.25 -4.27 0.00	57.55 -4.76 -0.42	64.81 -4.99 -0.49	58.02 -4.46 -0.60	49.93 -4.38 -0.18	46.13 -3.47 0.00	45.08 -2.62 0.00
MORTIMER_115KV_TB3 55949	52.19 -2.29 0.00	48.47 -1.65 0.00	45.95 -2.27 0.00	44.65 -2.01 0.00	45.73 -1.96 0.00	51.58 -3.06 0.00	48.51 -3.32 0.00	45.56 -2.81 0.00	41.89 -2.16 0.00	38.55 -1.94 0.00	38.07 -2.00 0.00	37.68 -2.02 0.00	36.30 -1.87 0.00	35.78 -1.88 0.00	35.27 -1.82 0.00	37.95 -2.17 0.00	45.47 -3.06 0.00	57.93 -3.96 0.00	64.81 -4.51 0.00	57.91 -3.96 0.00	50.40 -3.74 0.00	46.53 -3.08 0.00	45.46 -2.24 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	56.82 2.34 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.80 2.15 0.00	49.83 2.15 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	52.04 2.43 0.00	49.94 2.24 0.00
MUNSVILLE_WIND_PWR 323609	58.23 3.76 0.00	54.44 4.31 0.00	51.49 3.28 0.00	50.30 3.64 0.00	51.45 3.77 0.00	58.90 4.26 0.00	55.61 3.78 0.00	51.70 3.33 0.00	46.74 2.69 0.00	42.68 2.18 0.00	42.28 2.20 0.00	41.65 1.95 0.00	39.92 1.76 0.00	39.21 1.54 0.00	38.53 1.44 0.00	41.97 1.85 0.00	50.95 2.43 0.00	66.88 3.96 -1.02	75.62 5.13 -1.18	68.02 4.70 -1.46	58.14 3.57 -0.44	52.88 3.27 0.00	50.90 3.20 0.00
N SALMON___HYD 24042	55.24 0.76 0.00	50.93 0.80 0.00	49.71 1.50 0.00	47.07 0.42 0.00	48.31 0.62 0.00	55.56 0.93 0.00	52.60 0.78 0.00	49.14 0.77 0.00	44.58 0.53 0.00	41.06 0.57 0.00	40.60 0.52 0.00	40.26 0.56 0.00	38.59 0.42 0.00	37.96 0.30 0.00	37.27 0.19 0.00	40.44 0.32 0.00	49.01 0.49 0.00	62.88 0.99 0.00	70.83 1.52 0.00	63.35 1.48 0.00	55.32 1.19 0.00	50.90 1.29 0.00	48.75 1.05 0.00
N.AKRON__115KV_KNAPP 355671	52.13 -2.34 0.00	48.68 -1.45 0.00	45.85 -2.36 0.00	44.56 -2.10 0.00	45.64 -2.05 0.00	51.14 -3.50 0.00	47.78 -4.04 0.00	45.03 -3.34 0.00	41.50 -2.55 0.00	38.14 -2.35 0.00	37.55 -2.52 0.00	37.12 -2.58 0.00	35.76 -2.40 0.00	35.25 -2.41 0.00	34.78 -2.30 0.00	37.31 -2.81 0.00	44.55 -3.98 0.00	56.94 -4.95 0.00	63.70 -5.61 0.00	56.98 -4.89 0.00	49.42 -4.71 0.00	45.79 -3.82 0.00	45.17 -2.53 0.00
N.BELMOR_69_KV_BK1 55787	57.58 3.11 0.00	52.74 2.61 0.00	50.77 2.56 0.00	49.36 2.71 0.00	50.45 2.77 0.00	58.02 3.39 0.00	55.19 3.37 0.00	51.22 2.85 0.00	46.69 2.64 0.00	43.08 2.59 0.00	42.44 2.36 0.00	41.97 2.26 0.00	40.30 2.14 0.00	39.85 2.18 0.00	39.53 2.45 0.00	47.31 2.85 -4.34	59.98 3.69 -7.77	69.11 4.58 -2.64	75.66 4.57 -1.78	68.13 4.08 -2.18	58.73 3.95 -0.65	53.79 3.32 -0.86	50.71 3.01 0.00
N.E_GEN_SANDY PD 24062	61.28 2.23 -4.57	58.91 1.95 -6.83	48.16 1.83 1.88	48.66 2.00 0.00	49.69 2.00 0.00	57.10 2.46 0.00	54.31 2.49 0.00	50.54 2.18 0.00	45.99 1.94 0.00	42.27 1.78 0.00	41.76 1.68 0.00	41.37 1.67 0.00	39.81 1.64 0.00	39.36 1.70 0.00	38.86 1.78 0.00	48.03 1.93 -5.98	60.47 2.38 -9.57	72.00 2.91 -7.20	76.55 3.05 -4.19	70.68 2.66 -6.15	58.57 2.60 -1.84	51.79 2.18 0.00	51.00 2.05 -1.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	56.38 1.91 0.00	51.68 1.55 0.00	49.75 1.54 0.00	48.38 1.73 0.00	49.40 1.72 0.00	56.82 2.19 0.00	54.10 2.28 0.00	50.35 1.98 0.00	45.77 1.72 0.00	42.03 1.54 0.00	41.56 1.48 0.00	41.14 1.43 0.00	39.58 1.41 0.00	39.06 1.39 0.00	38.60 1.52 0.00	41.76 1.64 0.00	50.71 2.18 0.00	66.07 2.72 -1.45	74.12 3.12 -1.69	66.67 2.72 -2.08	57.24 2.49 -0.62	51.59 1.98 0.00	49.51 1.81 0.00
N.QUEENS_27_KV_LOAD 356247	56.76 2.29 0.00	51.88 1.75 0.00	50.09 1.88 0.00	48.75 2.10 0.00	49.59 1.91 0.00	57.09 2.46 0.00	54.52 2.69 0.00	50.73 2.37 0.00	46.25 2.20 0.00	42.52 2.02 0.00	41.96 1.88 0.00	41.65 1.95 0.00	40.11 1.95 0.00	39.62 1.96 0.00	39.16 2.08 0.00	42.29 2.17 0.00	51.34 2.81 0.00	66.58 3.16 -1.53	74.69 3.60 -1.78	67.08 3.03 -2.18	57.49 2.71 -0.65	51.99 2.38 0.00	49.99 2.29 0.00
N.TROY___115KV_TB1 355778	56.87 2.40 0.00	52.23 2.11 0.00	50.24 2.02 0.00	48.85 2.19 0.00	49.88 2.19 0.00	57.26 2.62 0.00	54.42 2.59 0.00	50.59 2.22 0.00	46.03 1.98 0.00	42.31 1.82 0.00	41.88 1.80 0.00	41.49 1.79 0.00	39.88 1.72 0.00	39.40 1.73 0.00	38.86 1.78 0.00	42.05 1.93 0.00	51.00 2.47 0.00	78.32 3.03 -13.40	88.15 3.26 -15.58	83.86 2.85 -19.15	62.56 2.71 -5.73	51.89 2.28 0.00	49.94 2.24 0.00
NARROWS_GT1_1 24228	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT1_2 24229	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT1_3 24230	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT1_4 24231	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84

NARROWS_GT1_5 24232	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT1_6 24233	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT1_7 24234	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT1_8 24235	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT2_1 24236	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT2_2 24237	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT2_3 24238	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT2_4 24239	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT2_5 24240	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT2_6 24241	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT2_7 24242	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NARROWS_GT2_8 24243	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	58.07 3.60 0.00	53.39 3.26 0.00	51.30 3.09 0.00	49.92 3.27 0.00	50.93 3.24 0.00	58.40 3.77 0.00	55.30 3.47 0.00	51.27 2.90 0.00	46.34 2.29 0.00	42.43 1.94 0.00	42.04 1.96 0.00	41.61 1.91 0.00	39.92 1.76 0.00	39.47 1.81 0.00	38.94 1.85 0.00	42.29 2.17 0.00	51.53 3.01 0.00	70.33 3.16 -5.29	79.13 3.67 -6.14	72.69 3.28 -7.54	59.26 2.87 -2.26	52.83 3.22 0.00	50.90 3.20 0.00
NCHELSEA_115KV_TR2 355582	57.04 2.56 0.00	52.33 2.21 0.00	50.33 2.12 0.00	48.99 2.33 0.00	50.02 2.34 0.00	57.53 2.90 0.00	54.62 2.80 0.00	50.88 2.51 0.00	46.21 2.16 0.00	42.35 1.86 0.00	41.88 1.80 0.00	41.45 1.75 0.00	39.85 1.68 0.00	39.32 1.66 0.00	38.86 1.78 0.00	42.13 2.01 0.00	51.24 2.72 0.00	66.86 3.40 -1.56	74.94 3.81 -1.82	67.44 3.34 -2.23	57.83 3.03 -0.67	52.09 2.48 0.00	50.04 2.34 0.00
NEG CAPITAL___MECHNVIL 23645	57.58 3.10 0.00	52.88 2.76 0.00	50.96 2.75 0.00	49.55 2.89 0.00	50.60 2.91 0.00	58.08 3.44 0.00	55.24 3.42 0.00	51.27 2.90 0.00	46.52 2.47 0.00	42.72 2.23 0.00	42.28 2.20 0.00	41.97 2.26 0.00	40.30 2.14 0.00	39.89 2.22 0.00	39.31 2.22 0.00	42.57 2.45 0.00	51.63 3.11 0.00	81.19 3.96 -15.33	91.51 4.37 -17.83	87.67 3.90 -21.90	64.09 3.41 -6.55	52.58 2.98 0.00	50.61 2.91 0.00



NEG CENTRAL_HIGH_ACRES 23767	51.59 -2.89 0.00	47.92 -2.20 0.00	45.47 -2.75 0.00	44.23 -2.43 0.00	45.26 -2.43 0.00	51.25 -3.39 0.00	48.20 -3.63 0.00	45.27 -3.10 0.00	41.63 -2.42 0.00	38.22 -2.27 0.00	37.83 -2.24 0.00	37.48 -2.22 0.00	36.07 -2.10 0.00	35.44 -2.22 0.00	34.93 -2.15 0.00	37.63 -2.49 0.00	45.27 -3.25 0.00	57.68 -4.21 0.00	64.60 -4.72 0.00	57.66 -4.21 0.00	50.07 -4.06 0.00	46.23 -3.38 0.00	44.98 -2.72 0.00
NEG CENTRAL___DRP 24199	53.71 -0.76 0.00	49.68 -0.45 0.00	47.34 -0.87 0.00	46.05 -0.61 0.00	47.12 -0.57 0.00	53.60 -1.04 0.00	50.63 -1.19 0.00	47.30 -1.06 0.00	43.17 -0.88 0.00	39.64 -0.85 0.00	39.15 -0.92 0.00	38.79 -0.91 0.00	37.29 -0.88 0.00	36.76 -0.90 0.00	36.23 -0.85 0.00	39.12 -1.00 0.00	47.22 -1.31 0.00	60.28 -1.61 0.00	67.65 -1.66 0.00	60.38 -1.48 0.00	52.67 -1.46 0.00	48.42 -1.19 0.00	46.79 -0.91 0.00
NEG CENTRAL___INDECK 23768	53.98 -0.49 0.00	50.28 0.15 0.00	47.64 -0.58 0.00	46.42 -0.23 0.00	47.54 -0.14 0.00	53.54 -1.09 0.00	50.01 -1.82 0.00	46.58 -1.79 0.00	42.42 -1.63 0.00	38.75 -1.74 0.00	38.23 -1.84 0.00	37.76 -1.94 0.00	36.14 -2.02 0.00	35.52 -2.15 0.00	35.04 -2.04 0.00	37.91 -2.21 0.00	45.90 -2.62 0.00	59.29 -2.60 0.00	67.16 -2.15 0.00	60.14 -1.73 0.00	52.02 -2.11 0.00	48.12 -1.49 0.00	46.84 -0.86 0.00
NEG CENTRAL___SENECA 23627	53.93 -0.54 0.00	49.93 -0.20 0.00	47.54 -0.67 0.00	46.28 -0.37 0.00	47.31 -0.38 0.00	53.76 -0.87 0.00	50.68 -1.14 0.00	47.35 -1.02 0.00	43.26 -0.79 0.00	39.64 -0.85 0.00	39.11 -0.96 0.00	38.75 -0.95 0.00	37.25 -0.92 0.00	36.68 -0.98 0.00	36.16 -0.93 0.00	39.04 -1.08 0.00	47.12 -1.41 0.00	60.10 -1.79 0.00	67.58 -1.73 0.00	60.32 -1.55 0.00	52.62 -1.52 0.00	48.42 -1.19 0.00	46.89 -0.81 0.00
NEG CENTRAL___STATE_STREET 24147	53.71 -0.76 0.00	49.63 -0.50 0.00	47.34 -0.87 0.00	46.05 -0.61 0.00	47.07 -0.62 0.00	53.71 -0.93 0.00	50.84 -0.98 0.00	47.54 -0.82 0.00	43.43 -0.62 0.00	39.88 -0.61 0.00	39.47 -0.60 0.00	39.11 -0.60 0.00	37.59 -0.57 0.00	37.10 -0.56 0.00	36.56 -0.52 0.00	39.52 -0.60 0.00	47.65 -0.87 0.00	60.84 -1.05 0.00	68.27 -1.04 0.00	60.88 -0.99 0.00	53.05 -1.08 0.00	48.67 -0.94 0.00	46.99 -0.72 0.00
NEG MILLWOOD___DRP 24198	57.31 2.83 0.00	52.59 2.46 0.00	50.53 2.31 0.00	49.22 2.57 0.00	50.26 2.58 0.00	57.80 3.17 0.00	54.93 3.11 0.00	51.17 2.81 0.00	46.43 2.38 0.00	42.56 2.07 0.00	42.08 2.00 0.00	41.65 1.95 0.00	40.08 1.91 0.00	39.55 1.88 0.00	39.05 1.97 0.00	42.33 2.21 0.00	51.53 3.01 0.00	67.10 3.65 -1.56	75.28 4.16 -1.81	67.81 3.71 -2.23	58.10 3.30 -0.67	52.34 2.73 0.00	50.23 2.53 0.00
NEG NORTH_FLCN_SEA 23793	54.64 0.16 0.00	50.38 0.25 0.00	50.48 2.27 0.00	46.66 0.00 0.00	48.12 0.43 0.00	55.45 0.82 0.00	52.71 0.88 0.00	49.28 0.92 0.00	44.84 0.79 0.00	41.34 0.85 0.00	40.92 0.84 0.00	40.50 0.79 0.00	38.70 0.53 0.00	38.00 0.34 0.00	37.27 0.19 0.00	40.36 0.24 0.00	48.86 0.34 0.00	62.63 0.74 0.00	70.63 1.32 0.00	63.23 1.36 0.00	55.32 1.19 0.00	51.00 1.39 0.00	48.99 1.29 0.00
NEG NORTH_KES_CHATEGAY 23792	54.58 0.11 0.00	50.28 0.15 0.00	49.27 1.06 0.00	46.56 -0.09 0.00	47.78 0.10 0.00	54.91 0.27 0.00	52.08 0.26 0.00	48.65 0.29 0.00	44.23 0.18 0.00	40.69 0.20 0.00	40.28 0.20 0.00	39.90 0.20 0.00	38.24 0.08 0.00	37.66 0.00 0.00	36.97 -0.11 0.00	40.08 -0.04 0.00	48.57 0.05 0.00	62.20 0.31 0.00	69.93 0.62 0.00	62.55 0.68 0.00	54.67 0.54 0.00	50.30 0.69 0.00	48.23 0.52 0.00
NEG NORTH___ALICE_FALLS 23915	54.97 0.49 0.00	50.63 0.50 0.00	50.48 2.27 0.00	46.89 0.23 0.00	48.31 0.62 0.00	55.73 1.09 0.00	52.91 1.09 0.00	49.43 1.06 0.00	44.98 0.93 0.00	41.42 0.93 0.00	41.00 0.92 0.00	40.58 0.87 0.00	38.82 0.65 0.00	38.12 0.45 0.00	37.38 0.30 0.00	40.52 0.40 0.00	49.11 0.58 0.00	63.01 1.11 0.00	71.04 1.73 0.00	63.60 1.73 0.00	55.59 1.46 0.00	51.20 1.59 0.00	49.08 1.38 0.00
NEG NORTH___LWR_SARANAC 23913	54.97 0.49 0.00	50.63 0.50 0.00	50.48 2.27 0.00	46.89 0.23 0.00	48.31 0.62 0.00	55.73 1.09 0.00	52.91 1.09 0.00	49.43 1.06 0.00	44.98 0.93 0.00	41.42 0.93 0.00	41.00 0.92 0.00	40.58 0.87 0.00	38.82 0.65 0.00	38.12 0.45 0.00	37.38 0.30 0.00	40.52 0.40 0.00	49.11 0.58 0.00	63.01 1.11 0.00	71.04 1.73 0.00	63.60 1.73 0.00	55.59 1.46 0.00	51.20 1.59 0.00	49.08 1.38 0.00
NEG NORTH___PLATTSBURG 23628	54.96 0.49 0.00	50.63 0.50 0.00	50.48 2.27 0.00	46.89 0.23 0.00	48.31 0.62 0.00	55.73 1.09 0.00	52.86 1.04 0.00	49.43 1.06 0.00	44.98 0.93 0.00	41.42 0.93 0.00	41.00 0.92 0.00	40.58 0.87 0.00	38.82 0.65 0.00	38.12 0.45 0.00	37.42 0.33 0.00	40.52 0.40 0.00	49.11 0.58 0.00	63.01 1.12 0.00	71.04 1.73 0.00	63.60 1.73 0.00	55.59 1.46 0.00	51.19 1.59 0.00	49.09 1.38 0.00
NEG WEST_LEA_LOCKPORT 23791	51.10 -3.38 0.00	47.77 -2.36 0.00	44.93 -3.28 0.00	43.67 -2.99 0.00	44.68 -3.00 0.00	49.94 -4.70 0.00	46.64 -5.18 0.00	43.87 -4.50 0.00	40.53 -3.52 0.00	37.33 -3.16 0.00	36.75 -3.33 0.00	36.29 -3.41 0.00	34.96 -3.21 0.00	34.50 -3.16 0.00	34.01 -3.08 0.00	36.47 -3.65 0.00	43.38 -5.14 0.00	55.39 -6.50 0.00	61.76 -7.55 0.00	55.25 -6.62 0.00	48.01 -6.12 0.00	44.60 -5.01 0.00	44.17 -3.53 0.00
NEG WEST___LANCASTR 23811	53.33 -1.14 0.00	49.73 -0.40 0.00	46.91 -1.30 0.00	45.54 -1.12 0.00	46.59 -1.10 0.00	52.40 -2.24 0.00	49.18 -2.64 0.00	46.19 -2.18 0.00	42.55 -1.50 0.00	39.19 -1.30 0.00	38.51 -1.56 0.00	38.04 -1.67 0.00	36.60 -1.56 0.00	36.08 -1.58 0.00	35.60 -1.48 0.00	38.23 -1.89 0.00	45.57 -2.96 0.00	58.30 -3.59 0.00	65.22 -4.09 0.00	58.34 -3.53 0.00	50.67 -3.46 0.00	46.93 -2.68 0.00	46.13 -1.57 0.00
NEG_PENN_ALLEGHNY 23528	54.26 -0.22 0.00	50.13 0.00 0.00	47.88 -0.34 0.00	46.56 -0.09 0.00	47.54 -0.14 0.00	54.20 -0.44 0.00	51.26 -0.57 0.00	47.88 -0.48 0.00	43.74 -0.31 0.00	40.17 -0.33 0.00	39.71 -0.36 0.00	39.35 -0.36 0.00	37.82 -0.34 0.00	37.25 -0.41 0.00	36.68 -0.41 0.00	39.64 -0.48 0.00	47.85 -0.68 0.00	61.84 -0.74 -0.69	69.35 -0.76 -0.80	62.18 -0.68 -0.99	53.62 -0.81 -0.29	49.01 -0.59 0.00	47.37 -0.33 0.00
NEG___GEN_MONROE 24207	52.19 -2.29 0.00	48.62 -1.50 0.00	46.09 -2.12 0.00	44.79 -1.87 0.00	45.92 -1.76 0.00	51.74 -2.90 0.00	48.51 -3.32 0.00	45.41 -2.95 0.00	41.67 -2.38 0.00	38.30 -2.19 0.00	37.79 -2.28 0.00	37.36 -2.34 0.00	35.99 -2.18 0.00	35.48 -2.18 0.00	34.97 -2.11 0.00	37.63 -2.49 0.00	45.08 -3.45 0.00	57.62 -4.27 0.00	64.60 -4.71 0.00	57.72 -4.15 0.00	50.23 -3.90 0.00	46.48 -3.13 0.00	45.46 -2.24 0.00

NEPA___ENERGY 23901	52.57 -1.91 0.00	48.98 -1.15 0.00	46.33 -1.88 0.00	44.84 -1.82 0.00	45.88 -1.81 0.00	51.63 -3.00 0.00	48.46 -3.37 0.00	45.56 -2.81 0.00	42.02 -2.03 0.00	38.71 -1.78 0.00	38.03 -2.04 0.00	37.56 -2.14 0.00	36.11 -2.06 0.00	35.59 -2.07 0.00	35.04 -2.04 0.00	37.63 -2.49 0.00	44.93 -3.59 0.00	57.50 -4.39 0.00	64.39 -4.92 0.00	57.66 -4.21 0.00	50.02 -4.11 0.00	46.33 -3.27 0.00	45.46 -2.24 0.00
NEVERSink___HYD 23608	57.09 2.61 0.00	52.33 2.20 0.00	50.33 2.12 0.00	48.94 2.29 0.00	49.98 2.29 0.00	57.42 2.78 0.00	54.47 2.64 0.00	50.64 2.27 0.00	45.99 1.94 0.00	42.15 1.66 0.00	41.64 1.56 0.00	41.18 1.47 0.00	39.58 1.41 0.00	39.09 1.43 0.00	38.57 1.48 0.00	41.84 1.72 0.00	50.85 2.33 0.00	66.56 3.09 -1.57	74.74 3.60 -1.83	67.33 3.22 -2.25	57.67 2.87 -0.67	51.94 2.33 0.00	49.90 2.20 0.00
NEWKRMKL_115KV_TB1 55635	56.71 2.23 0.00	52.08 1.96 0.00	50.14 1.93 0.00	48.75 2.10 0.00	49.74 2.05 0.00	57.09 2.46 0.00	54.26 2.44 0.00	50.44 2.08 0.00	45.86 1.81 0.00	42.19 1.70 0.00	41.80 1.72 0.00	41.41 1.71 0.00	39.81 1.64 0.00	39.32 1.66 0.00	38.75 1.67 0.00	41.93 1.81 0.00	50.81 2.28 0.00	74.04 2.72 -9.43	83.24 2.98 -10.95	77.98 2.66 -13.45	60.64 2.49 -4.02	51.74 2.13 0.00	49.80 2.10 0.00
NEWTON___FALLS_HYD 23847	54.64 0.16 0.00	50.23 0.10 0.00	48.45 0.24 0.00	46.47 -0.19 0.00	47.45 -0.24 0.00	54.09 -0.55 0.00	51.15 -0.67 0.00	47.59 -0.77 0.00	43.08 -0.97 0.00	39.64 -0.85 0.00	39.23 -0.84 0.00	38.87 -0.83 0.00	37.33 -0.84 0.00	36.80 -0.87 0.00	36.08 -1.00 0.00	39.24 -0.88 0.00	47.65 -0.87 0.00	61.33 -0.56 0.00	69.24 -0.07 0.00	61.93 0.06 0.00	54.08 -0.05 0.00	49.76 0.15 0.00	47.65 -0.05 0.00
NGRID_A1_DSASP 323792	50.28 -4.19 0.00	47.12 -3.01 0.00	44.26 -3.95 0.00	43.06 -3.59 0.00	44.06 -3.63 0.00	49.23 -5.41 0.00	45.76 -6.06 0.00	43.14 -5.22 0.00	40.04 -4.01 0.00	36.85 -3.64 0.00	36.39 -3.69 0.00	35.97 -3.73 0.00	34.62 -3.55 0.00	33.90 -3.77 0.00	33.49 -3.60 0.00	35.87 -4.25 0.00	42.85 -5.68 0.00	54.53 -7.37 0.00	60.64 -8.67 0.00	54.26 -7.61 0.00	46.98 -7.15 0.00	43.95 -5.66 0.00	43.60 -4.10 0.00
NGRID_A2_DSASP 323793	50.28 -4.19 0.00	47.12 -3.01 0.00	44.26 -3.95 0.00	43.06 -3.59 0.00	44.06 -3.63 0.00	49.23 -5.41 0.00	45.76 -6.06 0.00	43.14 -5.22 0.00	40.04 -4.01 0.00	36.85 -3.64 0.00	36.39 -3.69 0.00	35.97 -3.73 0.00	34.62 -3.55 0.00	33.90 -3.77 0.00	33.49 -3.60 0.00	35.87 -4.25 0.00	42.85 -5.68 0.00	54.53 -7.37 0.00	60.64 -8.67 0.00	54.26 -7.61 0.00	46.98 -7.15 0.00	43.95 -5.66 0.00	43.60 -4.10 0.00
NGRID_A4_DSASP 323807	50.28 -4.19 0.00	47.12 -3.01 0.00	44.26 -3.95 0.00	43.06 -3.59 0.00	44.06 -3.63 0.00	49.23 -5.41 0.00	45.76 -6.06 0.00	43.14 -5.22 0.00	40.04 -4.01 0.00	36.85 -3.64 0.00	36.39 -3.69 0.00	35.97 -3.73 0.00	34.62 -3.55 0.00	33.90 -3.77 0.00	33.49 -3.60 0.00	35.87 -4.25 0.00	42.85 -5.68 0.00	54.53 -7.37 0.00	60.64 -8.67 0.00	54.26 -7.61 0.00	46.98 -7.15 0.00	43.95 -5.66 0.00	43.60 -4.10 0.00
NIAGARA_115E_LBMP 323715	50.17 -4.30 0.00	47.02 -3.11 0.00	44.16 -4.05 0.00	42.97 -3.69 0.00	43.97 -3.72 0.00	49.12 -5.52 0.00	45.71 -6.12 0.00	43.09 -5.27 0.00	39.96 -4.10 0.00	36.77 -3.72 0.00	36.31 -3.77 0.00	35.85 -3.85 0.00	34.50 -3.66 0.00	33.79 -3.88 0.00	33.38 -3.71 0.00	35.79 -4.33 0.00	42.75 -5.78 0.00	54.46 -7.43 0.00	60.64 -8.67 0.00	54.26 -7.61 0.00	46.93 -7.20 0.00	43.90 -5.70 0.00	43.50 -4.20 0.00
NIAGARA_115W_LBMP 323714	50.17 -4.30 0.00	47.02 -3.11 0.00	44.16 -4.05 0.00	42.97 -3.69 0.00	43.97 -3.72 0.00	49.12 -5.52 0.00	45.66 -6.17 0.00	43.04 -5.32 0.00	39.96 -4.10 0.00	36.77 -3.72 0.00	36.31 -3.77 0.00	35.89 -3.81 0.00	34.54 -3.63 0.00	33.82 -3.84 0.00	33.41 -3.67 0.00	35.79 -4.33 0.00	42.75 -5.78 0.00	54.40 -7.49 0.00	60.51 -8.80 0.00	54.13 -7.74 0.00	46.88 -7.25 0.00	43.85 -5.75 0.00	43.50 -4.20 0.00
NIAGARA_230_LBMP 323716	50.61 -3.87 0.00	47.47 -2.66 0.00	44.59 -3.62 0.00	43.39 -3.27 0.00	44.40 -3.29 0.00	49.61 -5.03 0.00	46.18 -5.65 0.00	43.53 -4.84 0.00	40.35 -3.70 0.00	37.13 -3.36 0.00	36.71 -3.37 0.00	36.25 -3.45 0.00	34.88 -3.28 0.00	34.20 -3.46 0.00	33.75 -3.34 0.00	36.19 -3.93 0.00	43.24 -5.29 0.00	55.02 -6.87 0.00	61.27 -8.04 0.00	54.81 -7.05 0.00	47.47 -6.66 0.00	44.35 -5.26 0.00	43.93 -3.77 0.00
NIAGARA___115KV_198_GIBSON 55903	50.23 -4.25 0.00	47.02 -3.11 0.00	44.21 -4.00 0.00	42.97 -3.69 0.00	43.97 -3.72 0.00	49.12 -5.52 0.00	45.81 -6.01 0.00	43.14 -5.22 0.00	39.95 -4.10 0.00	36.81 -3.68 0.00	36.23 -3.85 0.00	35.81 -3.89 0.00	34.54 -3.63 0.00	34.09 -3.58 0.00	33.60 -3.49 0.00	35.99 -4.13 0.00	42.70 -5.82 0.00	54.40 -7.49 0.00	60.51 -8.80 0.00	54.14 -7.73 0.00	47.09 -7.04 0.00	43.85 -5.75 0.00	43.50 -4.20 0.00
NIAGARA___ 23760	50.61 -3.87 0.00	47.47 -2.66 0.00	44.59 -3.62 0.00	43.39 -3.27 0.00	44.40 -3.29 0.00	49.61 -5.03 0.00	46.18 -5.65 0.00	43.53 -4.84 0.00	40.35 -3.70 0.00	37.13 -3.36 0.00	36.71 -3.37 0.00	36.25 -3.45 0.00	34.88 -3.28 0.00	34.20 -3.46 0.00	33.75 -3.34 0.00	36.19 -3.93 0.00	43.24 -5.29 0.00	55.02 -6.87 0.00	61.27 -8.04 0.00	54.81 -7.05 0.00	47.47 -6.66 0.00	44.35 -5.26 0.00	43.93 -3.77 0.00
NINE_MILE_1 23575	52.19 -2.29 0.00	48.07 -2.06 0.00	46.09 -2.12 0.00	44.70 -1.96 0.00	45.69 -2.00 0.00	52.18 -2.46 0.00	49.39 -2.43 0.00	46.14 -2.22 0.00	42.16 -1.89 0.00	38.75 -1.74 0.00	38.35 -1.72 0.00	38.04 -1.67 0.00	36.60 -1.57 0.00	36.08 -1.58 0.00	35.56 -1.52 0.00	38.40 -1.72 0.00	46.29 -2.23 0.00	59.05 -2.85 0.00	66.12 -3.19 0.00	59.02 -2.84 0.00	51.53 -2.60 0.00	47.33 -2.28 0.00	45.65 -2.05 0.00
NINE_MILE_2 23744	52.19 -2.29 0.00	48.12 -2.01 0.00	46.09 -2.12 0.00	44.70 -1.96 0.00	45.69 -2.00 0.00	52.18 -2.46 0.00	49.44 -2.38 0.00	46.14 -2.22 0.00	42.16 -1.89 0.00	38.75 -1.74 0.00	38.35 -1.72 0.00	38.04 -1.67 0.00	36.60 -1.57 0.00	36.08 -1.58 0.00	35.56 -1.52 0.00	38.40 -1.72 0.00	46.29 -2.23 0.00	59.05 -2.85 0.00	66.12 -3.19 0.00	59.02 -2.84 0.00	51.53 -2.60 0.00	47.33 -2.28 0.00	45.65 -2.05 0.00
NM_CAPITAL___DRP 24208	56.60 2.12 0.00	51.98 1.85 0.00	50.00 1.78 0.00	48.66 2.01 0.00	49.64 1.96 0.00	56.98 2.35 0.00	54.16 2.33 0.00	50.35 1.98 0.00	45.81 1.76 0.00	42.15 1.66 0.00	41.76 1.68 0.00	41.37 1.67 0.00	39.77 1.60 0.00	39.28 1.62 0.00	38.71 1.63 0.00	41.89 1.77 0.00	50.71 2.18 0.00	74.16 2.66 -9.60	83.31 2.84 -11.16	78.11 2.54 -13.71	60.61 2.38 -4.10	51.69 2.08 0.00	49.70 2.00 0.00

NM_CENTRAL___DRP 24181	53.11 -1.36 0.00	48.98 -1.15 0.00	46.86 -1.35 0.00	45.54 -1.12 0.00	46.54 -1.14 0.00	53.11 -1.53 0.00	50.27 -1.55 0.00	46.96 -1.40 0.00	42.91 -1.15 0.00	39.44 -1.05 0.00	38.99 -1.08 0.00	38.71 -0.99 0.00	37.25 -0.92 0.00	36.76 -0.90 0.00	36.23 -0.85 0.00	39.12 -1.00 0.00	47.12 -1.41 0.00	60.10 -1.79 0.00	67.37 -1.94 0.00	60.14 -1.73 0.00	52.45 -1.68 0.00	48.12 -1.49 0.00	46.46 -1.24 0.00
NM_FRONTIER___DRP 24179	50.23 -4.25 0.00	47.02 -3.11 0.00	44.21 -4.00 0.00	42.97 -3.69 0.00	43.97 -3.72 0.00	49.12 -5.52 0.00	45.81 -6.01 0.00	43.14 -5.22 0.00	39.95 -4.10 0.00	36.81 -3.68 0.00	36.23 -3.85 0.00	35.81 -3.89 0.00	34.54 -3.63 0.00	34.09 -3.58 0.00	33.60 -3.49 0.00	35.99 -4.13 0.00	42.70 -5.82 0.00	54.40 -7.49 0.00	60.51 -8.80 0.00	54.14 -7.73 0.00	47.09 -7.04 0.00	43.85 -5.75 0.00	43.50 -4.20 0.00
NM_ST_REGIS___HYD 24053	55.02 0.54 0.00	50.68 0.55 0.00	49.18 0.96 0.00	46.70 0.05 0.00	47.74 0.05 0.00	54.80 0.16 0.00	51.88 0.05 0.00	48.41 0.05 0.00	43.87 -0.18 0.00	40.41 -0.08 0.00	40.04 -0.04 0.00	39.67 -0.04 0.00	38.05 -0.11 0.00	37.48 -0.19 0.00	36.71 -0.37 0.00	39.88 -0.24 0.00	48.38 -0.15 0.00	62.08 0.19 0.00	69.93 0.62 0.00	62.49 0.62 0.00	54.67 0.54 0.00	50.50 0.89 0.00	48.32 0.62 0.00
NORTHPORT___1 23551	57.47 2.99 0.00	52.49 2.36 0.00	50.67 2.46 0.00	49.03 2.38 0.00	50.36 2.67 0.00	57.75 3.11 0.00	54.83 3.00 0.00	50.93 2.56 0.00	46.52 2.47 0.00	43.00 2.51 0.00	42.12 2.04 0.00	41.69 1.98 0.00	40.07 1.91 0.00	39.70 2.03 0.00	39.38 2.30 0.00	47.31 2.85 -4.34	59.88 3.59 -7.77	69.18 4.64 -2.64	75.10 4.02 -1.78	67.64 3.59 -2.18	58.63 3.84 -0.65	53.64 3.18 -0.86	50.66 2.96 0.00
NORTHPORT___2 23552	57.47 2.99 0.00	52.49 2.36 0.00	50.67 2.46 0.00	49.03 2.38 0.00	50.36 2.67 0.00	57.75 3.11 0.00	54.83 3.00 0.00	50.93 2.56 0.00	46.52 2.47 0.00	43.00 2.51 0.00	42.12 2.04 0.00	41.69 1.98 0.00	40.07 1.91 0.00	39.70 2.03 0.00	39.38 2.30 0.00	47.31 2.85 -4.34	59.88 3.59 -7.77	69.18 4.64 -2.64	75.10 4.02 -1.78	67.64 3.59 -2.18	58.63 3.84 -0.65	53.64 3.18 -0.86	50.66 2.96 0.00
NORTHPORT___3 23553	57.36 2.89 0.00	52.53 2.41 0.00	50.72 2.51 0.00	49.17 2.52 0.00	50.40 2.72 0.00	57.75 3.11 0.00	55.04 3.21 0.00	51.12 2.76 0.00	46.65 2.60 0.00	43.04 2.55 0.00	42.28 2.20 0.00	41.85 2.14 0.00	40.23 2.06 0.00	39.81 2.15 0.00	39.49 2.41 0.00	47.31 2.85 -4.34	59.59 3.30 -7.77	68.37 3.84 -2.64	74.69 3.60 -1.78	67.27 3.22 -2.18	58.52 3.73 -0.65	53.69 3.22 -0.86	50.61 2.91 0.00
NORTHPORT___4 23650	57.36 2.89 0.00	52.53 2.41 0.00	50.72 2.51 0.00	49.17 2.52 0.00	50.40 2.72 0.00	57.75 3.11 0.00	55.04 3.21 0.00	51.12 2.76 0.00	46.65 2.60 0.00	43.04 2.55 0.00	42.28 2.20 0.00	41.85 2.14 0.00	40.23 2.06 0.00	39.81 2.15 0.00	39.49 2.41 0.00	47.31 2.85 -4.34	59.59 3.30 -7.77	68.37 3.84 -2.64	74.69 3.60 -1.78	67.27 3.22 -2.18	58.52 3.73 -0.65	53.69 3.22 -0.86	50.61 2.91 0.00
NORTHPORT___IC 23718	57.47 3.00 0.00	52.59 2.46 0.00	50.62 2.41 0.00	49.22 2.57 0.00	50.36 2.67 0.00	57.97 3.33 0.00	54.93 3.11 0.00	50.93 2.56 0.00	46.47 2.42 0.00	43.00 2.51 0.00	42.32 2.24 0.00	41.73 2.02 0.00	40.08 1.91 0.00	39.62 1.96 0.00	39.35 2.26 0.00	47.23 2.77 -4.34	59.93 3.64 -7.77	69.17 4.64 -2.64	75.11 4.02 -1.78	67.64 3.59 -2.18	58.52 3.74 -0.65	53.64 3.17 -0.86	50.61 2.91 0.00
NORTH___COUNTRY_ESR 323785	54.42 -0.05 0.00	50.13 0.00 0.00	49.13 0.91 0.00	46.42 -0.23 0.00	47.64 -0.05 0.00	54.74 0.11 0.00	51.93 0.10 0.00	48.61 0.24 0.00	44.18 0.13 0.00	40.65 0.16 0.00	40.24 0.16 0.00	39.87 0.16 0.00	38.21 0.04 0.00	37.63 -0.04 0.00	36.94 -0.15 0.00	40.00 -0.12 0.00	48.48 -0.05 0.00	62.02 0.12 0.00	69.73 0.42 0.00	62.31 0.44 0.00	54.51 0.38 0.00	50.15 0.55 0.00	48.08 0.38 0.00
NPX_GEN_1385_PROXY 323591	57.36 2.89 0.00	54.32 2.31 -1.88	48.35 2.02 1.88	48.57 1.91 0.00	49.93 2.24 0.00	57.31 2.68 0.00	54.36 2.54 0.00	50.39 2.03 0.00	46.08 2.03 0.00	42.88 2.39 0.00	41.60 1.52 0.00	41.18 1.47 0.00	39.65 1.49 0.00	39.28 1.62 0.00	39.01 1.93 0.00	47.11 2.65 -4.34	59.40 3.11 -7.77	69.68 4.33 -3.46	72.90 2.63 -0.96	66.40 2.35 -2.18	57.98 3.19 -0.65	53.09 2.63 -0.86	50.47 2.77 0.00
NPX_GEN_CSC 323557	57.47 2.99 0.00	54.16 2.15 -1.88	49.08 2.75 1.88	49.08 2.42 0.00	50.69 3.01 0.00	58.02 3.39 0.00	54.41 2.59 0.00	50.78 2.42 0.00	46.65 2.60 0.00	43.32 2.83 0.00	42.20 2.12 0.00	41.69 1.98 0.00	40.04 1.87 0.00	39.66 1.99 0.00	39.46 2.38 0.00	47.67 3.21 -4.34	60.56 4.27 -7.77	70.92 5.57 -3.46	74.22 3.95 -0.96	67.51 3.46 -2.18	59.06 4.28 -0.65	53.79 3.32 -0.86	50.99 3.29 0.00
NSINS_S___GLNS_FALLS 23858	58.45 3.98 0.00	53.74 3.61 0.00	51.88 3.66 0.00	50.48 3.83 0.00	51.55 3.86 0.00	59.17 4.53 0.00	56.33 4.51 0.00	52.18 3.82 0.00	47.31 3.26 0.00	43.28 2.79 0.00	42.92 2.85 0.00	42.56 2.86 0.00	40.80 2.63 0.00	40.34 2.67 0.00	39.75 2.67 0.00	43.05 2.93 0.00	52.36 3.83 0.00	82.80 4.95 -15.96	93.52 5.27 -18.94	89.84 4.70 -23.27	65.10 4.01 -6.96	53.08 3.47 0.00	51.18 3.48 0.00
NUCOR_STEEL___DRP 24197	53.88 -0.60 0.00	49.83 -0.30 0.00	47.54 -0.67 0.00	46.24 -0.42 0.00	47.26 -0.43 0.00	53.92 -0.71 0.00	51.00 -0.83 0.00	47.69 -0.68 0.00	43.52 -0.53 0.00	39.96 -0.53 0.00	39.56 -0.52 0.00	39.19 -0.52 0.00	37.67 -0.50 0.00	37.17 -0.49 0.00	36.64 -0.44 0.00	39.56 -0.56 0.00	47.70 -0.82 0.00	60.90 -0.99 0.00	68.34 -0.97 0.00	60.94 -0.93 0.00	53.16 -0.97 0.00	48.76 -0.84 0.00	47.08 -0.62 0.00
NUMBER_THREE_WT_PWR 323818	55.24 0.76 0.00	50.73 0.60 0.00	48.84 0.63 0.00	47.22 0.56 0.00	48.16 0.48 0.00	54.53 -0.11 0.00	51.57 -0.26 0.00	47.93 -0.44 0.00	43.39 -0.66 0.00	39.80 -0.69 0.00	39.39 -0.68 0.00	39.03 -0.68 0.00	37.52 -0.65 0.00	36.95 -0.72 0.00	36.34 -0.74 0.00	39.52 -0.60 0.00	48.04 -0.49 0.00	61.89 0.00 0.00	69.86 0.55 0.00	62.55 0.68 0.00	54.51 0.38 0.00	49.96 0.35 0.00	47.84 0.14 0.00
NYISO_LBMP_REFERENCE 24008	54.47 0.00 0.00	50.13 0.00 0.00	48.21 0.00 0.00	46.66 0.00 0.00	47.69 0.00 0.00	54.64 0.00 0.00	51.82 0.00 0.00	48.36 0.00 0.00	44.05 0.00 0.00	40.49 0.00 0.00	40.08 0.00 0.00	39.71 0.00 0.00	38.17 0.00 0.00	37.66 0.00 0.00	37.08 0.00 0.00	40.12 0.00 0.00	48.53 0.00 0.00	61.89 0.00 0.00	69.31 0.00 0.00	61.87 0.00 0.00	54.13 0.00 0.00	49.61 0.00 0.00	47.70 0.00 0.00

NYPA_BRENTWD____GT 24164	58.01 3.54 0.00	52.98 2.86 0.00	51.20 2.99 0.00	49.55 2.89 0.00	50.88 3.20 0.00	58.30 3.66 0.00	55.30 3.47 0.00	51.36 3.00 0.00	46.91 2.86 0.00	43.37 2.88 0.00	42.48 2.40 0.00	42.01 2.30 0.00	40.38 2.21 0.00	40.00 2.34 0.00	39.72 2.63 0.00	47.71 3.25 -4.34	60.47 4.17 -7.77	69.91 5.38 -2.64	76.01 4.92 -1.78	68.44 4.39 -2.18	59.33 4.55 -0.65	54.19 3.72 -0.86	51.18 3.48 0.00
NYPA_GOWANUS____GT5 24156	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NYPA_GOWANUS____GT6 24157	59.28 2.72 -2.08	58.37 2.26 -5.99	58.36 2.31 -7.83	57.60 2.47 -8.47	57.60 2.43 -7.48	58.45 3.11 -0.70	59.52 3.11 -4.59	60.38 2.76 -9.26	60.33 2.51 -13.77	59.51 2.18 -16.83	59.22 2.28 -16.86	59.22 2.26 -17.25	59.27 2.37 -18.74	59.05 3.32 -18.07	59.05 3.41 -18.56	58.97 3.65 -15.20	62.52 3.40 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	61.41 4.82 -2.46	59.00 3.03 -6.37	58.26 2.72 -7.84
NYPA_HARLEM__RVR__GT1 24160	56.60 2.12 0.00	51.78 1.65 0.00	50.00 1.78 0.00	48.61 1.96 0.00	49.50 1.81 0.00	56.97 2.35 0.01	54.36 2.54 0.01	50.58 2.23 0.01	46.07 2.03 0.01	42.35 1.86 0.01	41.87 1.81 0.01	41.49 1.79 0.01	40.07 1.91 0.01	39.99 2.34 0.01	39.52 2.45 0.01	42.60 2.49 0.01	51.23 2.72 0.01	66.44 3.03 -1.52	74.54 3.46 -1.77	66.95 2.91 -2.17	57.97 3.19 -0.64	51.94 2.33 0.00	49.94 2.24 0.00
NYPA_HARLEM__RVR__GT2 24161	56.60 2.12 0.00	51.78 1.65 0.00	50.00 1.78 0.00	48.61 1.96 0.00	49.50 1.81 0.00	56.97 2.35 0.01	54.36 2.54 0.01	50.58 2.23 0.01	46.07 2.03 0.01	42.35 1.86 0.01	41.87 1.81 0.01	41.49 1.79 0.01	40.07 1.91 0.01	39.99 2.34 0.01	39.52 2.45 0.01	42.60 2.49 0.01	51.23 2.72 0.01	66.44 3.03 -1.52	74.54 3.46 -1.77	66.95 2.91 -2.17	57.97 3.19 -0.64	51.94 2.33 0.00	49.94 2.24 0.00
NYPA_KENT____GT 24152	58.23 2.56 -1.20	55.67 2.11 -3.43	54.87 2.17 -4.49	53.84 2.33 -4.86	54.27 2.29 -4.29	57.99 2.95 -0.40	57.46 3.00 -2.63	56.33 2.66 -5.31	54.36 2.42 -7.89	52.33 2.18 -9.65	51.91 2.16 -9.67	51.74 2.14 -9.89	51.12 2.21 -10.74	50.92 2.90 -10.36	50.53 2.97 -10.48	52.04 3.21 -8.71	57.81 3.20 -6.08	68.23 3.65 -2.68	75.33 4.16 -1.86	68.41 3.52 -3.01	60.05 4.22 -1.69	56.08 2.83 -3.65	54.77 2.57 -4.50
NYPA_POUCH1____GT 24155	59.12 2.56 -2.08	58.22 2.11 -5.99	58.22 2.17 -7.83	57.50 2.38 -8.47	57.51 2.34 -7.48	58.34 3.00 -0.70	59.26 2.85 -4.59	60.09 2.47 -9.26	60.11 2.29 -13.77	59.23 1.90 -16.83	59.10 2.16 -16.86	59.10 2.14 -17.25	59.16 2.25 -18.74	59.35 3.62 -18.07	59.39 3.74 -18.56	59.33 4.01 -15.20	62.43 3.30 -10.60	68.96 3.53 -3.54	75.33 4.09 -1.93	68.96 3.46 -3.63	61.90 5.31 -2.46	59.00 3.03 -6.37	58.21 2.67 -7.84
NYPA_VERNON____GT2 24162	57.17 2.39 -0.31	52.91 1.90 -0.88	51.34 1.98 -1.15	50.05 2.15 -1.24	50.93 2.15 -1.10	57.52 2.78 -0.10	55.40 2.90 -0.67	52.28 2.56 -1.36	48.40 2.33 -2.02	45.10 2.14 -2.47	44.59 2.04 -2.47	44.26 2.02 -2.53	43.01 2.10 -2.75	42.76 2.45 -2.65	42.30 2.56 -2.66	45.08 2.73 -2.23	53.09 3.01 -1.56	67.18 3.46 -1.82	75.06 3.95 -1.80	67.60 3.34 -2.39	58.62 3.57 -0.92	53.17 2.63 -0.93	51.24 2.38 -1.15
NYPA_VERNON____GT3 24163	57.17 2.39 -0.31	52.91 1.90 -0.88	51.34 1.98 -1.15	50.05 2.15 -1.24	50.93 2.15 -1.10	57.52 2.78 -0.10	55.40 2.90 -0.67	52.28 2.56 -1.36	48.40 2.33 -2.02	45.10 2.14 -2.47	44.59 2.04 -2.47	44.26 2.02 -2.53	43.01 2.10 -2.75	42.76 2.45 -2.65	42.30 2.56 -2.66	45.08 2.73 -2.23	53.09 3.01 -1.56	67.18 3.46 -1.82	75.06 3.95 -1.80	67.60 3.34 -2.39	58.62 3.57 -0.92	53.17 2.63 -0.93	51.24 2.38 -1.15
NYPA__ASTORIA_CC1 323568	56.76 2.29 0.00	51.98 1.86 0.00	50.14 1.93 0.00	48.76 2.10 0.00	49.74 2.05 0.00	57.31 2.68 0.00	54.62 2.80 0.00	50.83 2.47 0.00	46.34 2.29 0.00	42.55 2.06 0.00	42.08 2.00 0.00	41.69 1.98 0.00	40.23 2.06 0.00	40.08 2.41 0.00	39.61 2.52 0.00	42.81 2.69 0.00	51.44 2.91 0.00	66.76 3.34 -1.53	74.90 3.81 -1.78	67.27 3.22 -2.18	58.30 3.52 -0.65	52.14 2.53 0.00	50.04 2.34 0.00
NYPA__ASTORIA_CC2 323569	56.76 2.29 0.00	51.98 1.86 0.00	50.14 1.93 0.00	48.76 2.10 0.00	49.74 2.05 0.00	57.31 2.68 0.00	54.62 2.80 0.00	50.83 2.47 0.00	46.34 2.29 0.00	42.55 2.06 0.00	42.08 2.00 0.00	41.69 1.98 0.00	40.23 2.06 0.00	40.08 2.41 0.00	39.61 2.52 0.00	42.81 2.69 0.00	51.44 2.91 0.00	66.76 3.34 -1.53	74.90 3.81 -1.78	67.27 3.22 -2.18	58.30 3.52 -0.65	52.14 2.53 0.00	50.04 2.34 0.00
NYPA__HOLTSVILL 23794	57.63 3.16 0.00	52.58 2.46 0.00	50.91 2.70 0.00	49.22 2.56 0.00	50.65 2.96 0.00	57.97 3.33 0.00	54.83 3.00 0.00	51.02 2.66 0.00	46.65 2.60 0.00	43.16 2.67 0.00	42.24 2.16 0.00	41.81 2.10 0.00	40.15 1.98 0.00	39.77 2.11 0.00	39.53 2.45 0.00	47.55 3.09 -4.34	60.27 3.98 -7.77	69.67 5.13 -2.64	75.46 4.37 -1.78	67.89 3.84 -2.18	59.01 4.22 -0.65	53.89 3.42 -0.86	50.90 3.20 0.00
NYPA__HELLGATE_GT1 24158	56.60 2.12 0.00	51.78 1.65 0.00	50.00 1.78 0.00	48.61 1.96 0.00	49.50 1.81 0.00	56.97 2.35 0.01	54.36 2.54 0.01	50.58 2.23 0.01	46.07 2.03 0.01	42.35 1.86 0.01	41.87 1.81 0.01	41.49 1.79 0.01	40.07 1.91 0.01	39.99 2.34 0.01	39.52 2.45 0.01	42.60 2.49 0.01	51.23 2.72 0.01	66.44 3.03 -1.52	74.54 3.46 -1.77	66.95 2.91 -2.17	57.97 3.19 -0.64	51.94 2.33 0.00	49.94 2.24 0.00
NYPA__HELLGATE_GT2 24159	56.60 2.12 0.00	51.78 1.65 0.00	50.00 1.78 0.00	48.61 1.96 0.00	49.50 1.81 0.00	56.97 2.35 0.01	54.36 2.54 0.01	50.58 2.23 0.01	46.07 2.03 0.01	42.35 1.86 0.01	41.87 1.81 0.01	41.49 1.79 0.01	40.07 1.91 0.01	39.99 2.34 0.01	39.52 2.45 0.01	42.60 2.49 0.01	51.23 2.72 0.01	66.44 3.03 -1.52	74.54 3.46 -1.77	66.95 2.91 -2.17	57.97 3.19 -0.64	51.94 2.33 0.00	49.94 2.24 0.00
NYS_BARGE__HYD 23848	50.99 -3.49 0.00	47.77 -2.36 0.00	44.89 -3.33 0.00	43.67 -2.99 0.00	44.68 -3.00 0.00	49.94 -4.70 0.00	46.49 -5.34 0.00	43.82 -4.55 0.00	40.57 -3.48 0.00	37.33 -3.16 0.00	36.83 -3.24 0.00	36.41 -3.30 0.00	35.00 -3.17 0.00	34.27 -3.39 0.00	33.86 -3.23 0.00	36.31 -3.81 0.00	43.48 -5.05 0.00	55.45 -6.44 0.00	61.82 -7.49 0.00	55.31 -6.56 0.00	47.80 -6.33 0.00	44.65 -4.96 0.00	44.17 -3.53 0.00

OAK ORCHARD___HYD 24046	52.13 -2.34 0.00	48.48 -1.65 0.00	45.95 -2.27 0.00	44.65 -2.00 0.00	45.73 -1.96 0.00	51.58 -3.06 0.00	48.40 -3.42 0.00	45.51 -2.85 0.00	41.89 -2.16 0.00	38.51 -1.98 0.00	38.11 -1.96 0.00	37.72 -1.98 0.00	36.30 -1.87 0.00	35.67 -2.00 0.00	35.15 -1.93 0.00	37.83 -2.29 0.00	45.52 -3.01 0.00	57.93 -3.96 0.00	64.81 -4.50 0.00	57.91 -3.96 0.00	50.29 -3.84 0.00	46.53 -3.08 0.00	45.41 -2.29 0.00
OAKDALE___35_KV_LOAD 356122	54.15 -0.33 0.00	50.03 -0.10 0.00	47.83 -0.39 0.00	46.42 -0.23 0.00	47.45 -0.24 0.00	54.09 -0.55 0.00	51.20 -0.62 0.00	47.78 -0.58 0.00	43.61 -0.44 0.00	40.09 -0.40 0.00	39.60 -0.48 0.00	39.23 -0.48 0.00	37.71 -0.46 0.00	37.21 -0.45 0.00	36.64 -0.44 0.00	39.56 -0.56 0.00	47.70 -0.82 0.00	61.68 -0.93 -0.72	69.17 -0.97 -0.83	62.02 -0.87 -1.02	53.57 -0.87 -0.31	48.91 -0.69 0.00	47.22 -0.48 0.00
OCC_CHEM___DRP 24175	50.33 -4.14 0.00	47.12 -3.01 0.00	44.31 -3.91 0.00	43.06 -3.59 0.00	44.06 -3.62 0.00	49.23 -5.41 0.00	45.92 -5.91 0.00	43.24 -5.13 0.00	40.04 -4.01 0.00	36.89 -3.60 0.00	36.31 -3.77 0.00	35.89 -3.81 0.00	34.62 -3.55 0.00	34.16 -3.50 0.00	33.67 -3.41 0.00	36.03 -4.09 0.00	42.75 -5.77 0.00	54.53 -7.37 0.00	60.65 -8.66 0.00	54.26 -7.61 0.00	47.20 -6.93 0.00	43.95 -5.66 0.00	43.60 -4.10 0.00
OH_GEN_PROXY 24063	50.66 -3.81 0.00	49.40 -2.61 -1.88	42.76 -3.57 1.88	43.44 -3.22 0.00	44.44 -3.24 0.00	49.72 -4.92 0.00	46.33 -5.49 0.00	43.63 -4.74 0.00	40.44 -3.61 0.00	37.21 -3.28 0.00	36.79 -3.29 0.00	36.37 -3.34 0.00	34.96 -3.21 0.00	34.27 -3.39 0.00	33.82 -3.26 0.00	36.27 -3.85 0.00	43.38 -5.14 0.00	56.02 -6.69 -0.82	60.59 -7.90 0.82	55.00 -6.87 0.00	47.63 -6.50 0.00	44.45 -5.16 0.00	43.98 -3.72 0.00
OLIN_CORP_DRP 24177	50.39 -4.09 0.00	47.17 -2.96 0.00	44.35 -3.86 0.00	43.11 -3.55 0.00	44.06 -3.62 0.00	49.28 -5.35 0.00	45.97 -5.86 0.00	43.29 -5.08 0.00	40.04 -4.01 0.00	36.93 -3.56 0.00	36.31 -3.77 0.00	35.85 -3.85 0.00	34.58 -3.59 0.00	34.12 -3.54 0.00	33.67 -3.41 0.00	36.07 -4.05 0.00	42.80 -5.73 0.00	54.65 -7.24 0.00	60.79 -8.53 0.00	54.38 -7.49 0.00	47.31 -6.82 0.00	44.00 -5.61 0.00	43.60 -4.10 0.00
OLIN_CORP_DSASP 323712	50.28 -4.19 0.00	47.12 -3.01 0.00	44.26 -3.95 0.00	43.06 -3.59 0.00	44.06 -3.63 0.00	49.23 -5.41 0.00	45.76 -6.06 0.00	43.14 -5.22 0.00	40.04 -4.01 0.00	36.85 -3.64 0.00	36.39 -3.69 0.00	35.97 -3.73 0.00	34.62 -3.55 0.00	33.90 -3.77 0.00	33.49 -3.60 0.00	35.87 -4.25 0.00	42.85 -5.68 0.00	54.53 -7.37 0.00	60.64 -8.67 0.00	54.26 -7.61 0.00	46.98 -7.15 0.00	43.95 -5.66 0.00	43.60 -4.10 0.00
ONEIDA_HERK_LFGE 323681	55.62 1.15 0.00	51.13 1.00 0.00	49.18 0.96 0.00	47.64 0.98 0.00	48.64 0.95 0.00	55.46 0.82 0.00	52.50 0.67 0.00	48.90 0.53 0.00	44.40 0.35 0.00	40.74 0.24 0.00	40.36 0.28 0.00	39.99 0.28 0.00	38.44 0.27 0.00	37.89 0.23 0.00	37.27 0.19 0.00	40.44 0.32 0.00	49.01 0.49 0.00	62.88 0.99 0.00	70.77 1.46 0.00	63.23 1.36 0.00	55.21 1.08 0.00	50.55 0.94 0.00	48.51 0.81 0.00
ONEIDA___115KV_TB4 55905	55.67 1.20 0.00	51.23 1.10 0.00	49.22 1.01 0.00	47.78 1.12 0.00	48.78 1.10 0.00	55.73 1.09 0.00	52.76 0.93 0.00	49.14 0.77 0.00	44.67 0.62 0.00	41.02 0.53 0.00	40.60 0.52 0.00	40.22 0.52 0.00	38.70 0.53 0.00	38.15 0.49 0.00	37.57 0.48 0.00	40.72 0.60 0.00	49.25 0.73 0.00	63.13 1.24 0.00	70.97 1.66 0.00	63.42 1.55 0.00	55.32 1.19 0.00	50.65 1.04 0.00	48.70 1.00 0.00
ONONDAGA_REF_OCCRA 23987	53.39 -1.09 0.00	49.23 -0.90 0.00	47.10 -1.11 0.00	45.77 -0.89 0.00	46.78 -0.91 0.00	53.38 -1.26 0.00	50.53 -1.30 0.00	47.20 -1.16 0.00	43.08 -0.97 0.00	39.64 -0.85 0.00	39.19 -0.88 0.00	38.87 -0.83 0.00	37.40 -0.76 0.00	36.91 -0.75 0.00	36.38 -0.70 0.00	39.28 -0.84 0.00	47.36 -1.16 0.00	60.47 -1.42 0.00	67.79 -1.52 0.00	60.51 -1.36 0.00	52.78 -1.35 0.00	48.42 -1.19 0.00	46.70 -1.00 0.00
ONONDAGA___COGEN 23986	53.49 -0.98 0.00	49.33 -0.80 0.00	47.20 -1.01 0.00	45.86 -0.79 0.00	46.88 -0.81 0.00	53.49 -1.15 0.00	50.63 -1.19 0.00	47.30 -1.06 0.00	43.21 -0.84 0.00	39.72 -0.77 0.00	39.27 -0.80 0.00	38.99 -0.71 0.00	37.52 -0.65 0.00	37.02 -0.64 0.00	36.45 -0.63 0.00	39.36 -0.76 0.00	47.41 -1.12 0.00	60.53 -1.36 0.00	67.86 -1.46 0.00	60.57 -1.30 0.00	52.83 -1.30 0.00	48.47 -1.14 0.00	46.75 -0.95 0.00
ONTARIO___LFGE 23819	53.88 -0.60 0.00	49.93 -0.20 0.00	47.54 -0.68 0.00	46.28 -0.37 0.00	47.30 -0.38 0.00	53.76 -0.88 0.00	50.63 -1.19 0.00	47.35 -1.02 0.00	43.26 -0.79 0.00	39.60 -0.89 0.00	39.16 -0.92 0.00	38.79 -0.91 0.00	37.25 -0.92 0.00	36.61 -1.05 0.00	36.08 -1.00 0.00	39.00 -1.12 0.00	47.12 -1.41 0.00	60.09 -1.80 0.00	67.58 -1.73 0.00	60.33 -1.54 0.00	52.56 -1.57 0.00	48.42 -1.19 0.00	46.89 -0.81 0.00
ORANGEVILLE_WT_PWR 323706	51.97 -2.50 0.00	48.57 -1.55 0.00	45.90 -2.31 0.00	44.70 -1.96 0.00	45.73 -1.96 0.00	50.81 -3.83 0.00	47.58 -4.25 0.00	44.45 -3.92 0.00	40.70 -3.35 0.00	37.29 -3.20 0.00	36.91 -3.17 0.00	36.41 -3.30 0.00	34.92 -3.24 0.00	34.12 -3.54 0.00	33.64 -3.45 0.00	36.27 -3.85 0.00	43.77 -4.75 0.00	56.72 -5.57 -0.40	63.60 -6.17 -0.46	56.93 -5.51 -0.57	49.00 -5.30 -0.17	45.34 -4.27 0.00	44.46 -3.25 0.00
ORANGEVILLE___ESR 323794	51.97 -2.50 0.00	48.57 -1.55 0.00	45.90 -2.31 0.00	44.70 -1.96 0.00	45.73 -1.96 0.00	50.81 -3.83 0.00	47.58 -4.25 0.00	44.45 -3.92 0.00	40.70 -3.35 0.00	37.29 -3.20 0.00	36.91 -3.17 0.00	36.41 -3.30 0.00	34.92 -3.24 0.00	34.12 -3.54 0.00	33.64 -3.45 0.00	36.27 -3.85 0.00	43.77 -4.75 0.00	56.72 -5.57 -0.40	63.60 -6.17 -0.46	56.93 -5.51 -0.57	49.00 -5.30 -0.17	45.34 -4.27 0.00	44.46 -3.25 0.00
OSWEGATCHIE___HYD 24044	54.64 0.16 0.00	50.23 0.10 0.00	48.45 0.24 0.00	46.47 -0.19 0.00	47.45 -0.24 0.00	54.09 -0.55 0.00	51.10 -0.73 0.00	47.59 -0.78 0.00	43.08 -0.97 0.00	39.64 -0.85 0.00	39.23 -0.84 0.00	38.87 -0.84 0.00	37.33 -0.84 0.00	36.80 -0.86 0.00	36.08 -1.00 0.00	39.24 -0.88 0.00	47.65 -0.87 0.00	61.33 -0.56 0.00	69.24 -0.07 0.00	61.93 0.06 0.00	54.08 -0.05 0.00	49.76 0.15 0.00	47.65 -0.05 0.00
OSWEGO___5 23606	52.57 -1.91 0.00	48.48 -1.65 0.00	46.48 -1.73 0.00	45.07 -1.59 0.00	46.07 -1.62 0.00	52.61 -2.02 0.00	49.80 -2.02 0.00	46.53 -1.84 0.00	42.47 -1.58 0.00	39.03 -1.46 0.00	38.63 -1.44 0.00	38.31 -1.39 0.00	36.87 -1.30 0.00	36.34 -1.32 0.00	35.82 -1.26 0.00	38.68 -1.44 0.00	46.63 -1.89 0.00	59.54 -2.35 0.00	66.68 -2.63 0.00	59.52 -2.35 0.00	51.96 -2.17 0.00	47.72 -1.89 0.00	45.99 -1.72 0.00

OSWEGO___6 23613	52.57 -1.91 0.00	48.48 -1.65 0.00	46.48 -1.73 0.00	45.07 -1.59 0.00	46.07 -1.62 0.00	52.61 -2.02 0.00	49.80 -2.02 0.00	46.53 -1.84 0.00	42.47 -1.58 0.00	39.03 -1.46 0.00	38.63 -1.44 0.00	38.31 -1.39 0.00	36.87 -1.30 0.00	36.34 -1.32 0.00	35.82 -1.26 0.00	38.68 -1.44 0.00	46.63 -1.89 0.00	59.54 -2.35 0.00	66.68 -2.63 0.00	59.52 -2.35 0.00	51.96 -2.17 0.00	47.72 -1.89 0.00	45.99 -1.72 0.00
OUTOKUMPU-AB___DRP 24206	51.64 -2.83 0.00	48.22 -1.90 0.00	45.37 -2.84 0.00	44.09 -2.57 0.00	45.11 -2.58 0.00	50.48 -4.15 0.00	47.21 -4.61 0.00	44.45 -3.92 0.00	41.06 -3.00 0.00	37.86 -2.63 0.00	37.19 -2.89 0.00	36.77 -2.94 0.00	35.42 -2.75 0.00	34.91 -2.75 0.00	34.45 -2.63 0.00	36.95 -3.17 0.00	43.87 -4.66 0.00	56.07 -5.82 0.00	62.52 -6.79 0.00	55.93 -5.94 0.00	48.56 -5.58 0.00	45.09 -4.51 0.00	44.65 -3.05 0.00
OXBOW___BTM 323836	50.83 -3.65 0.00	47.57 -2.55 0.00	44.69 -3.52 0.00	43.48 -3.17 0.00	44.49 -3.19 0.00	49.77 -4.86 0.00	46.33 -5.49 0.00	43.67 -4.69 0.00	40.48 -3.57 0.00	37.29 -3.20 0.00	36.79 -3.29 0.00	36.33 -3.38 0.00	34.96 -3.21 0.00	34.24 -3.43 0.00	33.82 -3.26 0.00	36.27 -3.85 0.00	43.33 -5.19 0.00	55.21 -6.69 0.00	61.48 -7.83 0.00	55.00 -6.87 0.00	47.58 -6.55 0.00	44.45 -5.16 0.00	44.07 -3.63 0.00
OXBOW____ 24026	50.88 -3.60 0.00	47.57 -2.56 0.00	44.74 -3.47 0.00	43.48 -3.17 0.00	44.49 -3.20 0.00	49.77 -4.86 0.00	46.49 -5.34 0.00	43.77 -4.59 0.00	40.48 -3.57 0.00	37.33 -3.16 0.00	36.71 -3.37 0.00	36.25 -3.45 0.00	34.96 -3.21 0.00	34.50 -3.16 0.00	34.01 -3.08 0.00	36.43 -3.69 0.00	43.24 -5.29 0.00	55.21 -6.68 0.00	61.48 -7.83 0.00	55.00 -6.87 0.00	47.80 -6.33 0.00	44.45 -5.16 0.00	44.08 -3.63 0.00
OXY_CHEM_DSASP 323612	50.33 -4.14 0.00	47.12 -3.01 0.00	44.31 -3.91 0.00	43.06 -3.59 0.00	44.06 -3.62 0.00	49.23 -5.41 0.00	45.92 -5.91 0.00	43.24 -5.13 0.00	40.04 -4.01 0.00	36.89 -3.60 0.00	36.31 -3.77 0.00	35.89 -3.81 0.00	34.62 -3.55 0.00	34.16 -3.50 0.00	33.67 -3.41 0.00	36.03 -4.09 0.00	42.75 -5.77 0.00	54.53 -7.37 0.00	60.65 -8.66 0.00	54.26 -7.61 0.00	47.20 -6.93 0.00	43.95 -5.66 0.00	43.60 -4.10 0.00
OZONE_PARK_ESR 323760	57.09 2.61 0.00	52.28 2.16 0.00	50.38 2.17 0.00	49.03 2.38 0.00	50.07 2.38 0.00	57.75 3.11 0.00	55.04 3.21 0.00	51.17 2.81 0.00	46.61 2.55 0.00	42.76 2.27 0.00	42.24 2.16 0.00	41.85 2.14 0.00	40.30 2.14 0.00	39.81 2.15 0.00	39.35 2.26 0.00	42.53 2.41 0.00	51.73 3.20 0.00	67.32 3.90 -1.53	75.45 4.37 -1.78	67.89 3.84 -2.18	58.14 3.36 -0.65	52.34 2.73 0.00	50.23 2.53 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	50.33 -4.14 0.00	47.12 -3.01 0.00	44.31 -3.91 0.00	43.06 -3.59 0.00	44.06 -3.62 0.00	49.23 -5.41 0.00	45.92 -5.91 0.00	43.24 -5.13 0.00	40.04 -4.01 0.00	36.89 -3.60 0.00	36.31 -3.77 0.00	35.89 -3.81 0.00	34.62 -3.55 0.00	34.16 -3.50 0.00	33.67 -3.41 0.00	36.03 -4.09 0.00	42.75 -5.77 0.00	54.53 -7.37 0.00	60.65 -8.66 0.00	54.26 -7.61 0.00	47.20 -6.93 0.00	43.95 -5.66 0.00	43.60 -4.10 0.00
PACKARD__115KV_DUPONT_184 80571	50.33 -4.14 0.00	47.12 -3.01 0.00	44.31 -3.91 0.00	43.06 -3.59 0.00	44.06 -3.62 0.00	49.23 -5.41 0.00	45.92 -5.91 0.00	43.24 -5.13 0.00	40.04 -4.01 0.00	36.89 -3.60 0.00	36.31 -3.77 0.00	35.89 -3.81 0.00	34.62 -3.55 0.00	34.16 -3.50 0.00	33.67 -3.41 0.00	36.03 -4.09 0.00	42.75 -5.77 0.00	54.53 -7.37 0.00	60.65 -8.66 0.00	54.26 -7.61 0.00	47.20 -6.93 0.00	43.95 -5.66 0.00	43.60 -4.10 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	56.82 2.34 0.00	51.93 1.80 0.00	50.09 1.88 0.00	48.75 2.10 0.00	49.64 1.96 0.00	57.15 2.51 0.00	54.52 2.69 0.00	50.69 2.32 0.00	46.21 2.16 0.00	42.47 1.98 0.00	41.96 1.88 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.09 2.00 0.00	42.25 2.13 0.00	51.24 2.72 0.00	66.51 3.09 -1.53	74.62 3.53 -1.78	67.02 2.97 -2.18	57.49 2.71 -0.65	51.99 2.38 0.00	49.99 2.29 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	57.09 2.61 0.00	52.23 2.11 0.00	50.43 2.22 0.00	49.03 2.38 0.00	49.93 2.24 0.00	57.48 2.84 0.00	54.78 2.95 0.00	50.98 2.61 0.00	46.43 2.38 0.00	42.64 2.15 0.00	42.08 2.00 0.00	41.69 1.99 0.00	40.15 1.98 0.00	39.66 2.00 0.00	39.20 2.11 0.00	42.37 2.25 0.00	51.44 2.91 0.00	66.76 3.34 -1.53	74.97 3.88 -1.78	67.33 3.28 -2.18	57.71 2.92 -0.65	52.19 2.58 0.00	50.18 2.48 0.00
PATROON__115KV_TB1 80586	56.76 2.29 0.00	52.13 2.01 0.00	50.19 1.98 0.00	48.80 2.15 0.00	49.79 2.10 0.00	57.15 2.51 0.00	54.31 2.49 0.00	50.49 2.13 0.00	45.94 1.89 0.00	42.23 1.74 0.00	41.84 1.76 0.00	41.49 1.79 0.00	39.85 1.68 0.00	39.36 1.69 0.00	38.79 1.71 0.00	42.01 1.89 0.00	50.85 2.33 0.00	75.16 2.85 -10.42	84.54 3.12 -12.11	79.47 2.72 -14.88	61.12 2.54 -4.45	51.84 2.23 0.00	49.85 2.15 0.00
PATTRSNVILLE__SOLAR 323815	56.54 2.07 0.00	51.93 1.80 0.00	50.00 1.78 0.00	48.57 1.91 0.00	49.60 1.91 0.00	56.93 2.29 0.00	54.05 2.23 0.00	50.10 1.74 0.00	45.42 1.37 0.00	41.67 1.17 0.00	41.24 1.16 0.00	40.94 1.23 0.00	39.31 1.14 0.00	38.83 1.17 0.00	38.27 1.19 0.00	41.61 1.49 0.00	50.52 1.99 0.00	81.54 2.60 -17.05	92.07 2.98 -19.78	88.83 2.66 -24.30	63.78 2.38 -7.27	51.59 1.99 0.00	49.61 1.91 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	53.11 -1.36 0.00	49.48 -0.65 0.00	46.67 -1.54 0.00	45.30 -1.35 0.00	46.35 -1.34 0.00	52.07 -2.57 0.00	48.82 -3.01 0.00	45.90 -2.47 0.00	42.33 -1.72 0.00	38.99 -1.50 0.00	38.31 -1.76 0.00	37.84 -1.87 0.00	36.45 -1.72 0.00	35.93 -1.73 0.00	35.41 -1.67 0.00	38.03 -2.09 0.00	45.32 -3.20 0.00	57.99 -3.90 0.00	64.81 -4.51 0.00	58.03 -3.84 0.00	50.34 -3.79 0.00	46.63 -2.98 0.00	45.89 -1.81 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	57.31 2.83 0.00	52.59 2.46 0.00	50.53 2.31 0.00	49.22 2.57 0.00	50.26 2.58 0.00	57.80 3.17 0.00	54.93 3.11 0.00	51.17 2.81 0.00	46.43 2.38 0.00	42.56 2.07 0.00	42.08 2.00 0.00	41.65 1.95 0.00	40.08 1.91 0.00	39.55 1.88 0.00	39.05 1.97 0.00	42.33 2.21 0.00	51.53 3.01 0.00	67.10 3.65 -1.56	75.28 4.16 -1.81	67.81 3.71 -2.23	58.10 3.30 -0.67	52.34 2.73 0.00	50.23 2.53 0.00
PEEKSKILL____ 23653	56.76 2.29 0.00	52.03 1.90 0.00	50.09 1.88 0.00	48.71 2.05 0.00	49.78 2.10 0.00	57.31 2.68 0.00	54.57 2.74 0.00	50.73 2.37 0.00	46.17 2.11 0.00	42.39 1.90 0.00	41.84 1.76 0.00	41.45 1.75 0.00	39.89 1.72 0.00	39.43 1.77 0.00	38.94 1.85 0.00	42.17 2.05 0.00	51.14 2.62 0.00	66.63 3.22 -1.52	74.68 3.60 -1.77	67.20 3.15 -2.18	57.70 2.92 -0.65	51.94 2.33 0.00	49.80 2.10 0.00

PGE MADISON___WINDPWR 24146	58.23 3.76 0.00	54.44 4.31 0.00	51.49 3.28 0.00	50.30 3.64 0.00	51.45 3.77 0.00	58.90 4.26 0.00	55.61 3.78 0.00	51.70 3.33 0.00	46.74 2.69 0.00	42.68 2.18 0.00	42.28 2.20 0.00	41.65 1.95 0.00	39.92 1.76 0.00	39.21 1.54 0.00	38.53 1.44 0.00	41.97 1.85 0.00	50.95 2.43 0.00	66.88 3.96 -1.02	75.62 5.13 -1.18	68.02 4.70 -1.46	58.14 3.57 -0.44	52.88 3.27 0.00	50.90 3.20 0.00
PIERCEFIELD___HYD 23852	54.97 0.49 0.00	50.58 0.45 0.00	48.93 0.72 0.00	46.56 -0.09 0.00	47.54 -0.14 0.00	54.53 -0.11 0.00	51.57 -0.26 0.00	48.12 -0.24 0.00	43.61 -0.44 0.00	40.17 -0.32 0.00	39.80 -0.28 0.00	39.43 -0.28 0.00	37.86 -0.31 0.00	37.29 -0.38 0.00	36.49 -0.59 0.00	39.68 -0.44 0.00	48.14 -0.39 0.00	61.71 -0.19 0.00	69.52 0.21 0.00	62.18 0.31 0.00	54.40 0.27 0.00	50.30 0.69 0.00	48.13 0.43 0.00
PINELAWN_CC_1 323563	57.74 3.27 0.00	52.73 2.61 0.00	50.91 2.70 0.00	49.31 2.66 0.00	50.60 2.91 0.00	58.02 3.39 0.00	55.14 3.32 0.00	51.17 2.80 0.00	46.69 2.64 0.00	43.12 2.63 0.00	42.28 2.20 0.00	41.85 2.14 0.00	40.23 2.06 0.00	39.85 2.18 0.00	39.57 2.48 0.00	47.43 2.97 -4.34	60.08 3.79 -7.77	69.42 4.89 -2.64	75.73 4.64 -1.78	68.20 4.15 -2.18	59.01 4.22 -0.65	53.94 3.47 -0.86	50.85 3.15 0.00
PJM_GEN_HTP_PROXY 323702	56.71 2.23 0.00	53.81 1.80 -1.88	48.21 1.88 1.88	48.71 2.05 0.00	49.74 2.05 0.00	57.42 2.78 0.00	54.78 2.95 0.00	50.88 2.51 0.00	46.30 2.25 0.00	42.59 2.10 0.00	41.96 1.88 0.00	41.57 1.87 0.00	40.00 1.83 0.00	39.55 1.88 0.00	39.08 2.00 0.00	42.28 2.16 0.00	51.24 2.72 0.00	67.58 3.34 -2.34	74.01 3.74 -0.96	67.33 3.28 -2.18	57.76 2.98 -0.65	51.94 2.33 0.00	49.85 2.15 0.00
PJM_GEN_KEystone 24065	54.10 -0.38 0.00	51.86 -0.15 -1.88	45.80 -0.53 1.88	46.38 -0.28 0.00	47.40 -0.28 0.00	54.04 -0.60 0.00	51.10 -0.73 0.00	47.73 -0.63 0.00	43.65 -0.40 0.00	40.13 -0.37 0.00	39.60 -0.48 0.00	39.19 -0.52 0.00	37.67 -0.50 0.00	37.10 -0.56 0.00	36.60 -0.48 0.00	39.52 -0.60 0.00	47.70 -0.83 0.00	62.63 -1.05 -1.79	68.45 -1.18 -0.31	62.21 -1.05 -1.39	53.46 -1.08 -0.42	48.72 -0.89 0.00	47.18 -0.52 0.00
PJM_GEN_NEPTUNE_PROXY 323594	57.14 2.67 0.00	54.12 2.11 -1.88	48.50 2.17 1.88	48.89 2.24 0.00	50.12 2.43 0.00	57.53 2.89 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.38 2.33 0.00	42.76 2.27 0.00	42.04 1.96 0.00	41.61 1.91 0.00	40.00 1.83 0.00	39.62 1.96 0.00	39.23 2.15 0.00	45.03 2.57 -2.34	55.92 3.20 -4.19	68.80 3.96 -2.95	74.15 3.88 -0.96	67.45 3.40 -2.18	58.30 3.52 -0.65	52.95 2.88 -0.46	50.32 2.62 0.00
PJM_GEN_VFT_PROXY 323633	49.15 1.96 7.28	51.07 1.50 0.56	46.83 1.59 2.97	48.43 1.77 0.00	48.94 1.77 0.51	57.04 2.40 0.00	54.52 2.69 0.00	49.84 2.27 0.80	46.12 2.07 0.00	42.43 1.94 0.00	41.80 1.72 0.00	41.37 1.67 0.00	39.81 1.64 0.00	39.21 1.54 0.00	38.71 1.63 0.00	41.88 1.76 0.00	49.84 2.43 1.11	57.22 2.97 7.64	68.81 3.33 3.83	56.40 2.91 8.38	50.99 2.44 5.58	49.84 2.03 1.80	49.56 1.86 0.00
PLATSBURG_115KV_PMLD1 355749	54.64 0.16 0.00	50.33 0.20 0.00	50.43 2.22 0.00	46.66 0.00 0.00	48.07 0.38 0.00	55.45 0.82 0.00	52.65 0.83 0.00	49.28 0.92 0.00	44.84 0.79 0.00	41.30 0.81 0.00	40.92 0.84 0.00	40.46 0.75 0.00	38.70 0.53 0.00	38.00 0.34 0.00	37.27 0.19 0.00	40.32 0.20 0.00	48.86 0.34 0.00	62.63 0.74 0.00	70.56 1.25 0.00	63.23 1.36 0.00	55.32 1.19 0.00	50.95 1.34 0.00	48.94 1.24 0.00
PLEASANTVLY___LBMP 24000	56.49 2.02 0.00	51.78 1.65 0.00	49.85 1.64 0.00	48.47 1.82 0.00	49.50 1.81 0.00	56.93 2.29 0.00	54.21 2.38 0.00	50.39 2.03 0.00	45.86 1.81 0.00	42.11 1.62 0.00	41.64 1.56 0.00	41.25 1.55 0.00	39.69 1.53 0.00	39.17 1.51 0.00	38.68 1.59 0.00	41.89 1.77 0.00	50.85 2.33 0.00	66.34 2.85 -1.60	74.22 3.05 -1.86	66.88 2.72 -2.29	57.31 2.49 -0.68	51.64 2.03 0.00	49.56 1.86 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	56.76 2.29 0.00	52.03 1.90 0.00	50.09 1.88 0.00	48.71 2.05 0.00	49.74 2.05 0.00	57.26 2.62 0.00	54.52 2.69 0.00	50.73 2.37 0.00	46.17 2.11 0.00	42.39 1.90 0.00	41.88 1.80 0.00	41.45 1.75 0.00	39.88 1.72 0.00	39.40 1.73 0.00	38.94 1.85 0.00	42.13 2.01 0.00	51.19 2.67 0.00	66.71 3.28 -1.53	74.70 3.60 -1.78	67.21 3.16 -2.19	57.65 2.87 -0.66	51.94 2.33 0.00	49.80 2.10 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	56.76 2.29 0.00	52.03 1.90 0.00	50.09 1.88 0.00	48.71 2.05 0.00	49.74 2.05 0.00	57.26 2.62 0.00	54.52 2.69 0.00	50.73 2.37 0.00	46.17 2.11 0.00	42.39 1.90 0.00	41.88 1.80 0.00	41.45 1.75 0.00	39.88 1.72 0.00	39.40 1.73 0.00	38.94 1.85 0.00	42.13 2.01 0.00	51.19 2.67 0.00	66.71 3.28 -1.53	74.70 3.60 -1.78	67.21 3.16 -2.19	57.65 2.87 -0.66	51.94 2.33 0.00	49.80 2.10 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	56.93 2.45 0.00	52.18 2.06 0.00	50.19 1.98 0.00	48.85 2.19 0.00	49.88 2.19 0.00	57.37 2.73 0.00	54.52 2.69 0.00	50.73 2.37 0.00	46.08 2.03 0.00	42.31 1.82 0.00	41.80 1.72 0.00	41.37 1.67 0.00	39.81 1.64 0.00	39.28 1.62 0.00	38.83 1.74 0.00	42.05 1.93 0.00	51.15 2.62 0.00	66.87 3.28 -1.70	74.96 3.67 -1.97	67.51 3.22 -2.42	57.78 2.92 -0.72	51.99 2.38 0.00	49.94 2.24 0.00
POLETTI___ 23519	56.76 2.29 0.00	51.98 1.85 0.00	50.09 1.88 0.00	48.75 2.10 0.00	49.74 2.05 0.00	57.37 2.73 0.00	54.68 2.85 0.00	50.78 2.42 0.00	46.25 2.20 0.00	42.47 1.98 0.00	41.92 1.84 0.00	41.53 1.83 0.00	40.00 1.83 0.00	39.51 1.85 0.00	39.05 1.97 0.00	42.21 2.09 0.00	51.29 2.77 0.00	66.76 3.34 -1.53	74.83 3.74 -1.78	67.27 3.22 -2.18	57.71 2.92 -0.65	51.99 2.38 0.00	49.90 2.19 0.00
POMONA___ESR 323819	56.38 1.91 0.00	51.68 1.56 0.00	49.75 1.54 0.00	48.38 1.73 0.00	49.40 1.71 0.00	56.82 2.19 0.00	54.10 2.28 0.00	50.35 1.98 0.00	45.81 1.76 0.00	42.11 1.62 0.00	41.56 1.48 0.00	41.13 1.43 0.00	39.58 1.41 0.00	39.13 1.47 0.00	38.64 1.56 0.00	41.84 1.72 0.00	50.71 2.19 0.00	66.07 2.72 -1.45	74.12 3.12 -1.69	66.66 2.72 -2.08	57.30 2.54 -0.62	51.59 1.99 0.00	49.51 1.81 0.00
PORT_JEFF_3 23555	57.85 3.38 0.00	52.78 2.66 0.00	51.10 2.89 0.00	49.41 2.75 0.00	50.83 3.15 0.00	58.18 3.55 0.00	55.04 3.21 0.00	51.17 2.80 0.00	46.83 2.78 0.00	43.32 2.83 0.00	42.36 2.28 0.00	41.93 2.22 0.00	40.27 2.10 0.00	39.92 2.26 0.00	39.68 2.59 0.00	47.71 3.25 -4.34	60.51 4.22 -7.77	69.98 5.45 -2.64	75.80 4.72 -1.78	68.20 4.15 -2.18	59.27 4.49 -0.65	54.09 3.62 -0.86	51.09 3.39 0.00

PORT_JEFF_4 23616	57.85 3.38 0.00	52.78 2.66 0.00	51.10 2.89 0.00	49.41 2.75 0.00	50.83 3.15 0.00	58.18 3.55 0.00	55.04 3.21 0.00	51.17 2.80 0.00	46.83 2.78 0.00	43.32 2.83 0.00	42.36 2.28 0.00	41.93 2.22 0.00	40.27 2.10 0.00	39.92 2.26 0.00	39.68 2.59 0.00	47.71 3.25 -4.34	60.51 4.22 -7.77	69.98 5.45 -2.64	75.80 4.72 -1.78	68.20 4.15 -2.18	59.27 4.49 -0.65	54.09 3.62 -0.86	51.09 3.39 0.00
PORT_JEFF_IC 23713	57.91 3.43 0.00	52.94 2.81 0.00	51.10 2.89 0.00	49.69 3.03 0.00	50.83 3.15 0.00	58.40 3.77 0.00	55.14 3.32 0.00	51.22 2.85 0.00	46.83 2.78 0.00	43.37 2.87 0.00	42.68 2.60 0.00	42.05 2.34 0.00	40.30 2.14 0.00	39.89 2.22 0.00	39.64 2.56 0.00	47.71 3.25 -4.34	60.61 4.32 -7.77	70.04 5.51 -2.64	75.87 4.78 -1.78	68.26 4.21 -2.18	59.17 4.38 -0.65	54.14 3.67 -0.86	51.09 3.39 0.00
PPL_PILGRIM_ST_GT1 24216	58.01 3.54 0.00	52.98 2.86 0.00	51.20 2.99 0.00	49.55 2.89 0.00	50.88 3.20 0.00	58.30 3.66 0.00	55.30 3.47 0.00	51.36 3.00 0.00	46.91 2.86 0.00	43.37 2.88 0.00	42.48 2.40 0.00	42.01 2.30 0.00	40.38 2.21 0.00	40.00 2.34 0.00	39.72 2.63 0.00	47.71 3.25 -4.34	60.47 4.17 -7.77	69.91 5.38 -2.64	76.01 4.92 -1.78	68.44 4.39 -2.18	59.33 4.55 -0.65	54.19 3.72 -0.86	51.18 3.48 0.00
PPL_PILGRIM_ST_GT2 24217	58.01 3.54 0.00	52.98 2.86 0.00	51.20 2.99 0.00	49.55 2.89 0.00	50.88 3.20 0.00	58.30 3.66 0.00	55.30 3.47 0.00	51.36 3.00 0.00	46.91 2.86 0.00	43.37 2.88 0.00	42.48 2.40 0.00	42.01 2.30 0.00	40.38 2.21 0.00	40.00 2.34 0.00	39.72 2.63 0.00	47.71 3.25 -4.34	60.47 4.17 -7.77	69.91 5.38 -2.64	76.01 4.92 -1.78	68.44 4.39 -2.18	59.33 4.55 -0.65	54.19 3.72 -0.86	51.18 3.48 0.00
PPL_SHRM_GT3 24213	57.52 3.05 0.00	52.33 2.20 0.00	51.01 2.80 0.00	49.13 2.47 0.00	50.69 3.01 0.00	58.02 3.39 0.00	54.47 2.64 0.00	50.78 2.42 0.00	46.65 2.60 0.00	43.32 2.83 0.00	42.20 2.12 0.00	41.73 2.02 0.00	40.04 1.87 0.00	39.70 2.03 0.00	39.49 2.41 0.00	47.67 3.21 -4.34	60.61 4.32 -7.77	70.10 5.57 -2.64	75.10 4.02 -1.78	67.58 3.52 -2.18	59.12 4.33 -0.65	53.84 3.38 -0.86	50.99 3.29 0.00
PPL_SHRM_GT4 24214	57.52 3.05 0.00	52.33 2.20 0.00	51.01 2.80 0.00	49.13 2.47 0.00	50.69 3.01 0.00	58.02 3.39 0.00	54.47 2.64 0.00	50.78 2.42 0.00	46.65 2.60 0.00	43.32 2.83 0.00	42.20 2.12 0.00	41.73 2.02 0.00	40.04 1.87 0.00	39.70 2.03 0.00	39.49 2.41 0.00	47.67 3.21 -4.34	60.61 4.32 -7.77	70.10 5.57 -2.64	75.10 4.02 -1.78	67.58 3.52 -2.18	59.12 4.33 -0.65	53.84 3.38 -0.86	50.99 3.29 0.00
PROJECT___ORANGE 1 24174	53.17 -1.31 0.00	49.03 -1.10 0.00	46.91 -1.30 0.00	45.58 -1.07 0.00	46.54 -1.14 0.00	53.11 -1.53 0.00	50.27 -1.55 0.00	46.96 -1.40 0.00	42.91 -1.15 0.00	39.48 -1.01 0.00	39.03 -1.04 0.00	38.71 -0.99 0.00	37.29 -0.88 0.00	36.80 -0.87 0.00	36.23 -0.85 0.00	39.12 -1.00 0.00	47.12 -1.41 0.00	60.16 -1.73 0.00	67.37 -1.94 0.00	60.14 -1.73 0.00	52.45 -1.68 0.00	48.17 -1.44 0.00	46.46 -1.24 0.00
PROJECT___ORANGE 2 24166	53.17 -1.31 0.00	49.03 -1.10 0.00	46.91 -1.30 0.00	45.58 -1.07 0.00	46.54 -1.14 0.00	53.11 -1.53 0.00	50.27 -1.55 0.00	46.96 -1.40 0.00	42.91 -1.15 0.00	39.48 -1.01 0.00	39.03 -1.04 0.00	38.71 -0.99 0.00	37.29 -0.88 0.00	36.80 -0.87 0.00	36.23 -0.85 0.00	39.12 -1.00 0.00	47.12 -1.41 0.00	60.16 -1.73 0.00	67.37 -1.94 0.00	60.14 -1.73 0.00	52.45 -1.68 0.00	48.17 -1.44 0.00	46.46 -1.24 0.00
PUCKETT___SOLAR 323809	55.18 0.71 0.00	51.03 0.90 0.00	48.74 0.53 0.00	47.40 0.74 0.00	48.45 0.76 0.00	55.29 0.66 0.00	52.29 0.47 0.00	48.75 0.39 0.00	44.36 0.31 0.00	40.65 0.16 0.00	40.20 0.12 0.00	39.75 0.04 0.00	38.21 0.04 0.00	37.59 -0.08 0.00	37.01 -0.07 0.00	40.08 -0.04 0.00	48.53 0.00 0.00	63.07 0.31 -0.87	70.94 0.62 -1.01	63.72 0.62 -1.24	54.77 0.27 -0.37	49.96 0.35 0.00	48.23 0.53 0.00
PYRITES___HYD 24023	56.11 1.63 0.00	51.63 1.50 0.00	49.95 1.74 0.00	47.59 0.93 0.00	48.64 0.95 0.00	55.78 1.15 0.00	52.65 0.83 0.00	49.04 0.68 0.00	44.36 0.31 0.00	40.81 0.32 0.00	40.44 0.36 0.00	40.10 0.40 0.00	38.47 0.31 0.00	37.85 0.19 0.00	37.12 0.04 0.00	40.40 0.28 0.00	49.11 0.58 0.00	63.13 1.24 0.00	71.25 1.94 0.00	63.73 1.86 0.00	55.70 1.57 0.00	51.34 1.74 0.00	49.13 1.43 0.00
QUAKERRD_115KV_BK1 80622	51.37 -3.11 0.00	47.62 -2.51 0.00	45.27 -2.94 0.00	44.00 -2.66 0.00	45.02 -2.67 0.00	50.92 -3.72 0.00	47.99 -3.84 0.00	45.03 -3.34 0.00	41.36 -2.69 0.00	38.02 -2.47 0.00	37.59 -2.48 0.00	37.20 -2.50 0.00	35.84 -2.33 0.00	35.33 -2.34 0.00	34.82 -2.26 0.00	37.47 -2.65 0.00	44.98 -3.54 0.00	57.31 -4.58 0.00	64.18 -5.13 0.00	57.29 -4.58 0.00	49.85 -4.28 0.00	45.99 -3.62 0.00	44.74 -2.96 0.00
QUENSBRY_115KV_TB8 356137	58.56 4.09 0.00	53.84 3.71 0.00	51.97 3.76 0.00	50.57 3.92 0.00	51.69 4.01 0.00	59.33 4.70 0.00	56.49 4.66 0.00	52.28 3.92 0.00	47.44 3.39 0.00	43.37 2.87 0.00	43.00 2.93 0.00	42.64 2.94 0.00	40.88 2.71 0.00	40.41 2.75 0.00	39.83 2.74 0.00	43.13 3.01 0.00	52.50 3.98 0.00	83.05 5.14 -16.02	93.76 5.41 -19.04	90.08 4.83 -23.39	65.19 4.06 -7.00	53.13 3.52 0.00	51.23 3.53 0.00
RAMAPO___LBMP 323565	56.16 1.69 0.00	51.48 1.35 0.00	49.56 1.35 0.00	48.20 1.54 0.00	49.21 1.53 0.00	56.66 2.02 0.00	53.90 2.07 0.00	50.15 1.79 0.00	45.59 1.54 0.00	41.87 1.38 0.00	41.40 1.32 0.00	40.98 1.27 0.00	39.43 1.26 0.00	38.94 1.28 0.00	38.46 1.37 0.00	41.60 1.48 0.00	50.51 1.99 0.00	65.74 2.41 -1.44	73.75 2.77 -1.67	66.33 2.41 -2.05	56.96 2.22 -0.61	51.34 1.74 0.00	49.28 1.57 0.00
RANKINE____ 23646	52.46 -2.02 0.00	48.93 -1.20 0.00	46.09 -2.12 0.00	44.79 -1.87 0.00	45.78 -1.91 0.00	51.36 -3.28 0.00	48.09 -3.73 0.00	45.22 -3.14 0.00	41.76 -2.29 0.00	38.51 -1.98 0.00	37.83 -2.24 0.00	37.36 -2.34 0.00	35.99 -2.18 0.00	35.48 -2.18 0.00	35.01 -2.08 0.00	37.55 -2.57 0.00	44.64 -3.88 0.00	57.13 -4.77 0.00	63.77 -5.54 0.00	57.04 -4.83 0.00	49.53 -4.60 0.00	45.94 -3.67 0.00	45.36 -2.34 0.00
RAVENSWOOD_GT2_1 24244	56.76 2.29 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.76 2.98 -0.65	52.04 2.43 0.00	49.94 2.24 0.00



RAVENSWOOD_GT2_2 24245	56.76 2.29 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.76 2.98 -0.65	52.04 2.43 0.00	49.94 2.24 0.00
RAVENSWOOD_GT2_3 24246	56.82 2.34 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.80 2.15 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.04 1.96 0.00	41.65 1.95 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.33 2.21 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	52.09 2.48 0.00	49.94 2.24 0.00
RAVENSWOOD_GT2_4 24247	56.82 2.34 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.80 2.15 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.04 1.96 0.00	41.65 1.95 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.33 2.21 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	52.09 2.48 0.00	49.94 2.24 0.00
RAVENSWOOD_GT3_1 24248	56.76 2.29 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.80 2.15 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	52.04 2.43 0.00	49.94 2.24 0.00
RAVENSWOOD_GT3_2 24249	56.76 2.29 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.80 2.15 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	52.04 2.43 0.00	49.94 2.24 0.00
RAVENSWOOD_GT3_3 24250	56.87 2.40 0.00	52.08 1.96 0.00	50.19 1.98 0.00	48.85 2.19 0.00	49.83 2.15 0.00	57.48 2.84 0.00	54.78 2.95 0.00	50.93 2.56 0.00	46.39 2.33 0.00	42.60 2.11 0.00	42.04 1.96 0.00	41.65 1.95 0.00	40.11 1.95 0.00	39.62 1.96 0.00	39.16 2.08 0.00	42.33 2.21 0.00	51.44 2.91 0.00	66.95 3.53 -1.53	75.04 3.95 -1.78	67.45 3.40 -2.18	57.87 3.09 -0.65	52.09 2.48 0.00	49.99 2.29 0.00
RAVENSWOOD_GT3_4 24251	56.87 2.40 0.00	52.08 1.96 0.00	50.19 1.98 0.00	48.85 2.19 0.00	49.83 2.15 0.00	57.48 2.84 0.00	54.78 2.95 0.00	50.93 2.56 0.00	46.39 2.33 0.00	42.60 2.11 0.00	42.04 1.96 0.00	41.65 1.95 0.00	40.11 1.95 0.00	39.62 1.96 0.00	39.16 2.08 0.00	42.33 2.21 0.00	51.44 2.91 0.00	66.95 3.53 -1.53	75.04 3.95 -1.78	67.45 3.40 -2.18	57.87 3.09 -0.65	52.09 2.48 0.00	49.99 2.29 0.00
RAVENSWOOD_GT_1 23729	57.23 2.45 -0.31	53.01 2.01 -0.88	51.43 2.07 -1.15	50.14 2.24 -1.24	50.98 2.19 -1.10	57.63 2.90 -0.10	55.50 3.01 -0.67	52.33 2.61 -1.36	48.49 2.42 -2.02	45.19 2.23 -2.47	44.63 2.08 -2.47	44.30 2.06 -2.53	42.98 2.06 -2.75	42.39 2.07 -2.65	41.96 2.22 -2.66	44.68 2.33 -2.23	53.09 3.01 -1.56	67.18 3.47 -1.82	75.06 3.95 -1.80	67.60 3.34 -2.39	58.08 3.03 -0.92	53.12 2.58 -0.93	51.24 2.39 -1.15
RAVENSWOOD_GT_10 24258	56.76 2.29 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	52.04 2.43 0.00	49.94 2.24 0.00
RAVENSWOOD_GT_11 24259	56.76 2.29 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	52.04 2.43 0.00	49.94 2.24 0.00
RAVENSWOOD_GT_4 24252	57.00 2.29 -0.23	52.65 1.85 -0.67	50.97 1.88 -0.88	49.70 2.10 -0.95	50.62 2.10 -0.84	57.50 2.79 -0.08	55.24 2.90 -0.51	51.91 2.51 -1.03	47.83 2.25 -1.54	44.40 2.02 -1.88	43.84 1.88 -1.88	43.50 1.87 -1.93	42.13 1.87 -2.09	41.57 1.88 -2.02	41.11 2.00 -2.02	43.98 2.17 -1.70	52.52 2.81 -1.18	67.11 3.47 -1.75	74.99 3.88 -1.79	67.55 3.34 -2.34	58.02 3.03 -0.85	52.75 2.43 -0.71	50.77 2.19 -0.88
RAVENSWOOD_GT_5 24254	57.00 2.29 -0.23	52.65 1.85 -0.67	50.97 1.88 -0.88	49.70 2.10 -0.95	50.62 2.10 -0.84	57.50 2.79 -0.08	55.24 2.90 -0.51	51.91 2.51 -1.03	47.83 2.25 -1.54	44.40 2.02 -1.88	43.84 1.88 -1.88	43.50 1.87 -1.93	42.13 1.87 -2.09	41.57 1.88 -2.02	41.11 2.00 -2.02	43.98 2.17 -1.70	52.52 2.81 -1.18	67.11 3.47 -1.75	74.99 3.88 -1.79	67.55 3.34 -2.34	58.02 3.03 -0.85	52.75 2.43 -0.71	50.77 2.19 -0.88
RAVENSWOOD_GT_6 24253	57.00 2.29 -0.23	52.65 1.85 -0.67	50.97 1.88 -0.88	49.70 2.10 -0.95	50.62 2.10 -0.84	57.50 2.79 -0.08	55.24 2.90 -0.51	51.91 2.51 -1.03	47.83 2.25 -1.54	44.40 2.02 -1.88	43.84 1.88 -1.88	43.50 1.87 -1.93	42.13 1.87 -2.09	41.57 1.88 -2.02	41.11 2.00 -2.02	43.98 2.17 -1.70	52.52 2.81 -1.18	67.11 3.47 -1.75	74.99 3.88 -1.79	67.55 3.34 -2.34	58.02 3.03 -0.85	52.75 2.43 -0.71	50.77 2.19 -0.88
RAVENSWOOD_GT_7 24255	57.00 2.29 -0.23	52.65 1.85 -0.67	50.97 1.88 -0.88	49.70 2.10 -0.95	50.62 2.10 -0.84	57.50 2.79 -0.08	55.24 2.90 -0.51	51.91 2.51 -1.03	47.83 2.25 -1.54	44.40 2.02 -1.88	43.84 1.88 -1.88	43.50 1.87 -1.93	42.13 1.87 -2.09	41.57 1.88 -2.02	41.11 2.00 -2.02	43.98 2.17 -1.70	52.52 2.81 -1.18	67.11 3.47 -1.75	74.99 3.88 -1.79	67.55 3.34 -2.34	58.02 3.03 -0.85	52.75 2.43 -0.71	50.77 2.19 -0.88
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	56.76 2.29 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	52.04 2.43 0.00	49.94 2.24 0.00

RAVENSWOOD_GT_9 24257	56.76 2.29 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.00 1.92 0.00	41.61 1.91 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.12 2.04 0.00	42.29 2.17 0.00	51.39 2.86 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	52.04 2.43 0.00	49.94 2.24 0.00
RAVENSWOOD___1 23533	56.82 2.34 0.00	52.03 1.90 0.00	50.19 1.98 0.00	48.80 2.15 0.00	49.78 2.10 0.00	57.42 2.78 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.38 2.33 0.00	42.59 2.10 0.00	42.12 2.04 0.00	41.73 2.02 0.00	40.27 2.10 0.00	40.11 2.45 0.00	39.64 2.56 0.00	42.85 2.73 0.00	51.49 2.96 0.00	66.88 3.46 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	58.36 3.57 -0.65	52.19 2.58 0.00	50.09 2.38 0.00
RAVENSWOOD___2 23534	56.82 2.34 0.00	51.98 1.86 0.00	50.14 1.93 0.00	48.76 2.10 0.00	49.78 2.10 0.00	57.37 2.73 0.00	54.67 2.85 0.00	50.88 2.51 0.00	46.34 2.29 0.00	42.59 2.10 0.00	42.08 2.00 0.00	41.69 1.98 0.00	40.27 2.10 0.00	40.11 2.45 0.00	39.64 2.56 0.00	42.85 2.73 0.00	51.49 2.96 0.00	66.82 3.40 -1.53	74.97 3.88 -1.78	67.33 3.28 -2.18	58.36 3.57 -0.65	52.19 2.58 0.00	50.09 2.38 0.00
RAVENSWOOD___3 23535	56.82 2.34 0.00	52.03 1.90 0.00	50.14 1.93 0.00	48.76 2.10 0.00	49.78 2.10 0.00	57.42 2.78 0.00	54.78 2.95 0.00	50.93 2.56 0.00	46.38 2.33 0.00	42.64 2.14 0.00	42.04 1.96 0.00	41.65 1.95 0.00	40.07 1.91 0.00	39.70 2.03 0.00	39.20 2.11 0.00	42.41 2.29 0.00	51.34 2.81 0.00	66.88 3.46 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.92 3.14 -0.65	52.04 2.43 0.00	49.94 2.24 0.00
RAVENSWOOD___4 23820	56.46 2.29 0.30	51.12 1.86 0.87	49.01 1.93 1.13	47.53 2.10 1.22	48.70 2.10 1.08	57.26 2.73 0.10	54.01 2.85 0.66	49.54 2.51 1.34	44.35 2.29 1.99	40.16 2.10 2.43	39.64 2.00 2.44	39.20 1.98 2.49	37.52 2.06 2.71	37.47 2.41 2.61	36.99 2.52 2.62	40.61 2.69 2.20	49.95 2.96 1.53	66.53 3.40 -1.24	74.94 3.88 -1.75	67.12 3.28 -1.97	58.04 3.52 -0.39	51.27 2.58 0.92	48.90 2.34 1.13
RCPL_TRUST___DRP 24196	56.76 2.29 0.00	51.98 1.85 0.00	50.09 1.88 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.30 2.25 0.00	42.52 2.02 0.00	41.96 1.88 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.09 2.00 0.00	42.25 2.13 0.00	51.34 2.81 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	51.99 2.38 0.00	49.90 2.19 0.00
RED___ROCHESTER 323720	52.46 -2.01 0.00	48.78 -1.35 0.00	46.19 -2.02 0.00	44.93 -1.73 0.00	45.97 -1.71 0.00	51.90 -2.73 0.00	48.72 -3.11 0.00	45.85 -2.52 0.00	42.20 -1.85 0.00	38.79 -1.70 0.00	38.39 -1.68 0.00	38.04 -1.67 0.00	36.57 -1.60 0.00	35.93 -1.73 0.00	35.42 -1.67 0.00	38.12 -2.00 0.00	45.86 -2.67 0.00	58.43 -3.46 0.00	65.36 -3.95 0.00	58.41 -3.46 0.00	50.67 -3.47 0.00	46.88 -2.73 0.00	45.74 -1.96 0.00
REGAN___SOLAR 323812	58.29 3.81 0.00	53.49 3.36 0.00	51.63 3.42 0.00	50.16 3.50 0.00	51.27 3.58 0.00	58.79 4.15 0.00	55.82 3.99 0.00	51.41 3.05 0.00	46.47 2.42 0.00	42.51 2.02 0.00	42.08 2.00 0.00	41.85 2.14 0.00	40.11 1.95 0.00	39.66 1.99 0.00	39.12 2.04 0.00	42.69 2.57 0.00	52.07 3.54 0.00	82.46 4.77 -15.81	93.27 5.61 -18.34	89.48 5.07 -22.53	65.15 4.28 -6.74	53.33 3.72 0.00	51.23 3.53 0.00
RENSSELAER___COGEN 23796	56.54 2.07 0.00	51.93 1.80 0.00	50.00 1.78 0.00	48.61 1.96 0.00	49.60 1.91 0.00	56.93 2.29 0.00	54.10 2.28 0.00	50.30 1.94 0.00	45.72 1.67 0.00	42.03 1.54 0.00	41.60 1.52 0.00	41.25 1.55 0.00	39.62 1.45 0.00	39.17 1.51 0.00	38.60 1.52 0.00	41.80 1.68 0.00	50.61 2.09 0.00	71.72 2.54 -7.29	80.56 2.78 -8.47	74.68 2.41 -10.40	59.52 2.27 -3.11	51.59 1.99 0.00	49.61 1.91 0.00
REPUBLIC_115KV_BARTNBRK 55605	60.52 6.05 0.00	55.59 5.46 0.00	53.80 5.59 0.00	52.49 5.83 0.00	53.65 5.96 0.00	61.57 6.94 0.00	58.67 6.84 0.00	54.02 5.66 0.00	48.81 4.76 0.00	44.62 4.13 0.00	44.28 4.21 0.00	43.95 4.25 0.00	42.10 3.93 0.00	41.66 3.99 0.00	41.01 3.93 0.00	44.41 4.29 0.00	54.25 5.73 0.00	85.40 7.55 -15.95	96.63 8.39 -18.94	92.68 7.55 -23.26	67.31 6.23 -6.96	55.06 5.46 0.00	53.09 5.39 0.00
REVERE_CPPR_DRP 24186	56.22 1.74 0.00	51.68 1.55 0.00	49.71 1.49 0.00	48.20 1.54 0.00	49.21 1.53 0.00	56.11 1.48 0.00	53.12 1.30 0.00	49.48 1.11 0.00	44.93 0.88 0.00	41.22 0.73 0.00	40.84 0.76 0.00	40.46 0.75 0.00	38.89 0.73 0.00	38.34 0.68 0.00	37.71 0.63 0.00	40.96 0.84 0.00	49.59 1.07 0.00	63.69 1.79 0.00	71.67 2.36 0.00	64.03 2.17 0.00	55.86 1.73 0.00	51.15 1.54 0.00	49.13 1.43 0.00
REYNOLDS_115KV_TB3 80639	56.54 2.07 0.00	51.93 1.80 0.00	49.95 1.74 0.00	48.61 1.96 0.00	49.55 1.86 0.00	56.88 2.24 0.00	54.10 2.28 0.00	50.30 1.93 0.00	45.81 1.76 0.00	42.15 1.66 0.00	41.72 1.64 0.00	41.33 1.63 0.00	39.73 1.56 0.00	39.25 1.58 0.00	38.71 1.63 0.00	41.89 1.77 0.00	50.71 2.18 0.00	74.37 2.60 -9.88	83.50 2.70 -11.49	78.40 2.41 -14.11	60.68 2.33 -4.22	51.59 1.98 0.00	49.61 1.91 0.00
RIVERBAY____ 323610	57.09 2.61 0.00	52.23 2.11 0.00	50.43 2.22 0.00	49.03 2.38 0.00	49.93 2.24 0.00	57.48 2.84 0.00	54.78 2.95 0.00	50.98 2.61 0.00	46.43 2.38 0.00	42.64 2.15 0.00	42.08 2.00 0.00	41.69 1.99 0.00	40.15 1.98 0.00	39.66 2.00 0.00	39.20 2.11 0.00	42.37 2.25 0.00	51.44 2.91 0.00	66.76 3.34 -1.53	74.97 3.88 -1.78	67.33 3.28 -2.18	57.71 2.92 -0.65	52.19 2.58 0.00	50.18 2.48 0.00
RIVERSDE_115KV_TB3 55908	56.60 2.12 0.00	51.98 1.85 0.00	50.00 1.78 0.00	48.66 2.01 0.00	49.64 1.96 0.00	56.98 2.35 0.00	54.16 2.33 0.00	50.35 1.98 0.00	45.81 1.76 0.00	42.15 1.66 0.00	41.76 1.68 0.00	41.37 1.67 0.00	39.77 1.60 0.00	39.28 1.62 0.00	38.71 1.63 0.00	41.89 1.77 0.00	50.71 2.18 0.00	74.16 2.66 -9.60	83.31 2.84 -11.16	78.11 2.54 -13.71	60.61 2.38 -4.10	51.69 2.08 0.00	49.70 2.00 0.00
ROARING___BROOK_WT_PWR 323790	53.66 -0.82 0.00	49.38 -0.75 0.00	48.36 0.15 0.00	46.00 -0.65 0.00	47.16 -0.52 0.00	54.09 -0.55 0.00	51.26 -0.57 0.00	47.88 -0.48 0.00	43.57 -0.48 0.00	40.05 -0.44 0.00	39.60 -0.48 0.00	39.11 -0.59 0.00	37.44 -0.73 0.00	36.87 -0.79 0.00	36.27 -0.82 0.00	39.28 -0.84 0.00	47.56 -0.97 0.00	60.78 -1.11 0.00	68.20 -1.11 0.00	61.00 -0.87 0.00	53.43 -0.71 0.00	49.06 -0.54 0.00	47.13 -0.57 0.00

ROCHESRG_115KV_T4 355643	51.97 -2.51 0.00	48.32 -1.80 0.00	45.80 -2.41 0.00	44.51 -2.15 0.00	45.54 -2.15 0.00	51.41 -3.22 0.00	48.35 -3.47 0.00	45.41 -2.95 0.00	41.76 -2.29 0.00	38.43 -2.07 0.00	37.91 -2.16 0.00	37.56 -2.14 0.00	36.14 -2.02 0.00	35.67 -2.00 0.00	35.15 -1.93 0.00	37.79 -2.33 0.00	45.27 -3.25 0.00	57.74 -4.15 0.00	64.53 -4.78 0.00	57.66 -4.21 0.00	50.18 -3.95 0.00	46.38 -3.22 0.00	45.27 -2.43 0.00
ROCHESTER_9_IC 23652	52.30 -2.18 0.00	48.57 -1.55 0.00	46.04 -2.17 0.00	44.74 -1.91 0.00	45.78 -1.91 0.00	51.68 -2.95 0.00	48.61 -3.21 0.00	45.66 -2.71 0.00	41.98 -2.07 0.00	38.63 -1.86 0.00	38.15 -1.92 0.00	37.76 -1.95 0.00	36.37 -1.79 0.00	35.89 -1.77 0.00	35.34 -1.74 0.00	38.03 -2.09 0.00	45.57 -2.96 0.00	58.05 -3.84 0.00	64.94 -4.37 0.00	58.10 -3.77 0.00	50.50 -3.63 0.00	46.63 -2.98 0.00	45.51 -2.19 0.00
ROCKVIEW_13_KV_LD 356306	56.93 2.45 0.00	52.18 2.06 0.00	50.24 2.02 0.00	48.85 2.19 0.00	49.88 2.19 0.00	57.48 2.84 0.00	54.73 2.90 0.00	50.93 2.56 0.00	46.34 2.29 0.00	42.56 2.07 0.00	42.04 1.96 0.00	41.61 1.91 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.09 2.00 0.00	42.29 2.17 0.00	51.39 2.86 0.00	67.01 3.59 -1.53	75.04 3.95 -1.78	67.52 3.46 -2.18	57.92 3.14 -0.65	52.14 2.53 0.00	49.99 2.29 0.00
ROME____115KV_TB2 80656	56.22 1.74 0.00	51.68 1.55 0.00	49.71 1.49 0.00	48.20 1.54 0.00	49.21 1.53 0.00	56.11 1.48 0.00	53.12 1.30 0.00	49.48 1.11 0.00	44.93 0.88 0.00	41.22 0.73 0.00	40.84 0.76 0.00	40.46 0.75 0.00	38.89 0.73 0.00	38.34 0.68 0.00	37.71 0.63 0.00	40.96 0.84 0.00	49.59 1.07 0.00	63.69 1.79 0.00	71.67 2.36 0.00	64.03 2.17 0.00	55.86 1.73 0.00	51.15 1.54 0.00	49.13 1.43 0.00
ROSETON___1 23587	56.38 1.91 0.00	51.68 1.56 0.00	49.75 1.54 0.00	48.33 1.68 0.00	49.40 1.71 0.00	56.82 2.19 0.00	54.05 2.23 0.00	50.30 1.94 0.00	45.77 1.72 0.00	42.07 1.58 0.00	41.56 1.48 0.00	41.13 1.43 0.00	39.58 1.41 0.00	39.13 1.47 0.00	38.60 1.52 0.00	41.80 1.68 0.00	50.66 2.13 0.00	66.02 2.66 -1.47	73.93 2.91 -1.71	66.51 2.54 -2.10	57.20 2.44 -0.63	51.49 1.88 0.00	49.47 1.77 0.00
ROSETON___2 23588	56.38 1.91 0.00	51.68 1.56 0.00	49.75 1.54 0.00	48.33 1.68 0.00	49.40 1.71 0.00	56.82 2.19 0.00	54.05 2.23 0.00	50.30 1.94 0.00	45.77 1.72 0.00	42.07 1.58 0.00	41.56 1.48 0.00	41.13 1.43 0.00	39.58 1.41 0.00	39.13 1.47 0.00	38.60 1.52 0.00	41.80 1.68 0.00	50.66 2.13 0.00	66.02 2.66 -1.47	73.93 2.91 -1.71	66.51 2.54 -2.10	57.20 2.44 -0.63	51.49 1.88 0.00	49.47 1.77 0.00
ROTRRDAM_115KV_TB3 80664	56.16 1.69 0.00	51.58 1.45 0.00	49.66 1.45 0.00	48.24 1.59 0.00	49.26 1.57 0.00	56.49 1.86 0.00	53.69 1.87 0.00	49.91 1.55 0.00	45.37 1.32 0.00	41.66 1.17 0.00	41.28 1.20 0.00	40.90 1.19 0.00	39.31 1.15 0.00	38.83 1.17 0.00	38.23 1.15 0.00	41.44 1.32 0.00	50.22 1.70 0.00	81.88 2.10 -17.88	92.42 2.36 -20.75	89.46 2.10 -25.49	63.65 1.89 -7.62	51.24 1.64 0.00	49.28 1.57 0.00
RUSSELL___1 23602	52.51 -1.96 0.00	48.78 -1.35 0.00	46.23 -1.98 0.00	44.93 -1.73 0.00	45.97 -1.72 0.00	51.90 -2.73 0.00	48.82 -3.01 0.00	45.90 -2.47 0.00	42.20 -1.85 0.00	38.83 -1.66 0.00	38.35 -1.72 0.00	37.96 -1.75 0.00	36.56 -1.60 0.00	36.08 -1.58 0.00	35.56 -1.52 0.00	38.23 -1.89 0.00	45.81 -2.72 0.00	58.43 -3.47 0.00	65.36 -3.95 0.00	58.40 -3.46 0.00	50.83 -3.30 0.00	46.88 -2.73 0.00	45.75 -1.96 0.00
RUSSELL___2 23532	52.51 -1.96 0.00	48.78 -1.35 0.00	46.23 -1.98 0.00	44.93 -1.73 0.00	45.97 -1.72 0.00	51.90 -2.73 0.00	48.82 -3.01 0.00	45.90 -2.47 0.00	42.20 -1.85 0.00	38.83 -1.66 0.00	38.35 -1.72 0.00	37.96 -1.75 0.00	36.56 -1.60 0.00	36.08 -1.58 0.00	35.56 -1.52 0.00	38.23 -1.89 0.00	45.81 -2.72 0.00	58.43 -3.47 0.00	65.36 -3.95 0.00	58.40 -3.46 0.00	50.83 -3.30 0.00	46.88 -2.73 0.00	45.75 -1.96 0.00
RUSSELL___3 23549	52.51 -1.96 0.00	48.78 -1.35 0.00	46.23 -1.98 0.00	44.93 -1.73 0.00	45.97 -1.72 0.00	51.90 -2.73 0.00	48.82 -3.01 0.00	45.90 -2.47 0.00	42.20 -1.85 0.00	38.83 -1.66 0.00	38.35 -1.72 0.00	37.96 -1.75 0.00	36.56 -1.60 0.00	36.08 -1.58 0.00	35.56 -1.52 0.00	38.23 -1.89 0.00	45.81 -2.72 0.00	58.43 -3.47 0.00	65.36 -3.95 0.00	58.40 -3.46 0.00	50.83 -3.30 0.00	46.88 -2.73 0.00	45.75 -1.96 0.00
RUSSELL___4 23556	52.51 -1.96 0.00	48.78 -1.35 0.00	46.23 -1.98 0.00	44.93 -1.73 0.00	45.97 -1.72 0.00	51.90 -2.73 0.00	48.82 -3.01 0.00	45.90 -2.47 0.00	42.20 -1.85 0.00	38.83 -1.66 0.00	38.35 -1.72 0.00	37.96 -1.75 0.00	36.56 -1.60 0.00	36.08 -1.58 0.00	35.56 -1.52 0.00	38.23 -1.89 0.00	45.81 -2.72 0.00	58.43 -3.47 0.00	65.36 -3.95 0.00	58.40 -3.46 0.00	50.83 -3.30 0.00	46.88 -2.73 0.00	45.75 -1.96 0.00
RUSSELL__STATION 23914	52.51 -1.96 0.00	48.78 -1.35 0.00	46.23 -1.98 0.00	44.93 -1.73 0.00	45.97 -1.72 0.00	51.90 -2.73 0.00	48.82 -3.01 0.00	45.90 -2.47 0.00	42.20 -1.85 0.00	38.83 -1.66 0.00	38.35 -1.72 0.00	37.96 -1.75 0.00	36.56 -1.60 0.00	36.08 -1.58 0.00	35.56 -1.52 0.00	38.23 -1.89 0.00	45.81 -2.72 0.00	58.43 -3.47 0.00	65.36 -3.95 0.00	58.40 -3.46 0.00	50.83 -3.30 0.00	46.88 -2.73 0.00	45.75 -1.96 0.00
S SALMON__HYD 24043	53.39 -1.09 0.00	49.17 -0.95 0.00	47.10 -1.11 0.00	45.77 -0.89 0.00	46.64 -1.05 0.00	53.05 -1.59 0.00	50.16 -1.66 0.00	46.77 -1.59 0.00	42.55 -1.50 0.00	39.11 -1.38 0.00	38.79 -1.28 0.00	38.43 -1.27 0.00	36.98 -1.18 0.00	36.46 -1.21 0.00	35.82 -1.26 0.00	38.76 -1.36 0.00	46.88 -1.65 0.00	60.16 -1.73 0.00	67.72 -1.59 0.00	60.57 -1.30 0.00	52.78 -1.35 0.00	48.47 -1.14 0.00	46.65 -1.05 0.00
S.PERRY__115KV_TB1 80734	54.04 -0.44 0.00	50.28 0.15 0.00	47.68 -0.53 0.00	46.42 -0.23 0.00	47.54 -0.14 0.00	53.54 -1.09 0.00	50.11 -1.71 0.00	46.57 -1.79 0.00	42.46 -1.59 0.00	38.79 -1.70 0.00	38.15 -1.92 0.00	37.68 -2.02 0.00	36.14 -2.02 0.00	35.67 -2.00 0.00	35.19 -1.89 0.00	37.99 -2.13 0.00	45.86 -2.67 0.00	59.29 -2.60 0.00	67.16 -2.15 0.00	60.14 -1.73 0.00	52.13 -2.00 0.00	48.12 -1.49 0.00	46.84 -0.86 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	51.64 -2.83 0.00	48.22 -1.90 0.00	45.42 -2.80 0.00	44.09 -2.57 0.00	45.11 -2.58 0.00	50.54 -4.10 0.00	47.21 -4.61 0.00	44.45 -3.92 0.00	41.10 -2.95 0.00	37.90 -2.59 0.00	37.27 -2.81 0.00	36.81 -2.90 0.00	35.50 -2.67 0.00	34.99 -2.67 0.00	34.52 -2.56 0.00	36.99 -3.13 0.00	43.96 -4.56 0.00	56.14 -5.76 0.00	62.59 -6.72 0.00	55.99 -5.88 0.00	48.66 -5.47 0.00	45.19 -4.42 0.00	44.70 -3.01 0.00

SAWYER___23_KV_LOAD 55526	51.64 -2.83 0.00	48.22 -1.90 0.00	45.42 -2.80 0.00	44.09 -2.57 0.00	45.11 -2.58 0.00	50.54 -4.10 0.00	47.21 -4.61 0.00	44.45 -3.92 0.00	41.10 -2.95 0.00	37.90 -2.59 0.00	37.27 -2.81 0.00	36.81 -2.90 0.00	35.50 -2.67 0.00	34.99 -2.67 0.00	34.52 -2.56 0.00	36.99 -3.13 0.00	43.96 -4.56 0.00	56.14 -5.76 0.00	62.59 -6.72 0.00	55.99 -5.88 0.00	48.66 -5.47 0.00	45.19 -4.42 0.00	44.70 -3.01 0.00
SELKIRK___I 23801	56.60 2.12 0.00	51.98 1.86 0.00	50.04 1.83 0.00	48.61 1.96 0.00	49.64 1.96 0.00	56.93 2.29 0.00	54.05 2.23 0.00	50.15 1.79 0.00	45.50 1.45 0.00	41.82 1.33 0.00	41.44 1.36 0.00	41.09 1.39 0.00	39.50 1.34 0.00	39.06 1.39 0.00	38.46 1.37 0.00	41.64 1.52 0.00	50.47 1.94 0.00	69.83 2.29 -5.65	78.44 2.57 -6.56	72.22 2.29 -8.06	58.71 2.17 -2.41	51.54 1.93 0.00	49.61 1.91 0.00
SELKIRK___II 23799	56.27 1.80 0.00	51.73 1.60 0.00	49.75 1.54 0.00	48.33 1.68 0.00	49.36 1.67 0.00	56.60 1.96 0.00	53.79 1.97 0.00	50.01 1.65 0.00	45.50 1.45 0.00	41.82 1.33 0.00	41.40 1.32 0.00	41.01 1.31 0.00	39.42 1.26 0.00	38.98 1.32 0.00	38.38 1.30 0.00	41.56 1.44 0.00	50.32 1.80 0.00	70.08 2.17 -6.02	78.66 2.36 -6.99	72.56 2.10 -8.59	58.65 1.95 -2.57	51.34 1.74 0.00	49.37 1.67 0.00
SENECA OSWGO___HYD 24041	52.62 -1.85 0.00	48.52 -1.61 0.00	46.43 -1.78 0.00	45.12 -1.54 0.00	46.07 -1.62 0.00	52.61 -2.02 0.00	49.80 -2.02 0.00	46.53 -1.84 0.00	42.47 -1.58 0.00	39.03 -1.46 0.00	38.63 -1.44 0.00	38.31 -1.39 0.00	36.87 -1.30 0.00	36.34 -1.32 0.00	35.82 -1.26 0.00	38.68 -1.44 0.00	46.63 -1.89 0.00	59.54 -2.35 0.00	66.75 -2.56 0.00	59.58 -2.29 0.00	51.91 -2.22 0.00	47.72 -1.89 0.00	45.99 -1.72 0.00
SENECA___115KV_TB3 355854	52.57 -1.91 0.00	49.03 -1.10 0.00	46.19 -2.02 0.00	44.84 -1.82 0.00	45.88 -1.81 0.00	51.41 -3.22 0.00	48.15 -3.68 0.00	45.32 -3.05 0.00	41.85 -2.20 0.00	38.59 -1.90 0.00	37.91 -2.16 0.00	37.44 -2.26 0.00	36.07 -2.10 0.00	35.55 -2.11 0.00	35.04 -2.04 0.00	37.63 -2.49 0.00	44.74 -3.78 0.00	57.25 -4.64 0.00	63.84 -5.48 0.00	57.17 -4.70 0.00	49.58 -4.55 0.00	46.04 -3.57 0.00	45.41 -2.29 0.00
SENECA___ENERGY 23797	53.22 -1.25 0.00	49.28 -0.85 0.00	46.96 -1.25 0.00	45.67 -0.98 0.00	46.73 -0.95 0.00	53.16 -1.47 0.00	50.16 -1.66 0.00	46.91 -1.45 0.00	42.86 -1.19 0.00	39.32 -1.18 0.00	38.87 -1.20 0.00	38.55 -1.15 0.00	37.02 -1.14 0.00	36.46 -1.21 0.00	35.93 -1.15 0.00	38.83 -1.29 0.00	46.93 -1.60 0.00	59.85 -2.04 0.00	67.23 -2.08 0.00	59.95 -1.92 0.00	52.23 -1.90 0.00	48.07 -1.54 0.00	46.51 -1.19 0.00
SHOEMAKER___GT 23640	56.11 1.63 0.00	51.48 1.35 0.00	49.51 1.30 0.00	48.15 1.49 0.00	49.17 1.48 0.00	56.49 1.86 0.00	53.64 1.81 0.00	49.91 1.55 0.00	45.37 1.32 0.00	41.67 1.17 0.00	41.20 1.12 0.00	40.78 1.07 0.00	39.20 1.03 0.00	38.72 1.05 0.00	38.23 1.15 0.00	41.40 1.28 0.00	50.22 1.70 0.00	65.42 2.17 -1.37	73.32 2.42 -1.59	65.98 2.16 -1.95	56.72 2.00 -0.58	51.19 1.59 0.00	49.18 1.48 0.00
SHOEMAKR_138KV_BK 111 55601	56.05 1.58 0.00	51.43 1.30 0.00	49.46 1.25 0.00	48.10 1.45 0.00	49.12 1.43 0.00	56.44 1.80 0.00	53.59 1.76 0.00	49.91 1.55 0.00	45.37 1.32 0.00	41.66 1.17 0.00	41.20 1.12 0.00	40.78 1.07 0.00	39.20 1.03 0.00	38.72 1.05 0.00	38.20 1.11 0.00	41.36 1.24 0.00	50.22 1.70 0.00	65.41 2.17 -1.36	73.31 2.43 -1.58	65.91 2.10 -1.94	56.66 1.95 -0.58	51.15 1.54 0.00	49.18 1.48 0.00
SHOREHAM_IC_1 23715	57.52 3.05 0.00	52.33 2.20 0.00	51.01 2.80 0.00	49.13 2.47 0.00	50.69 3.01 0.00	58.02 3.39 0.00	54.47 2.64 0.00	50.78 2.42 0.00	46.65 2.60 0.00	43.32 2.83 0.00	42.20 2.12 0.00	41.73 2.02 0.00	40.04 1.87 0.00	39.70 2.03 0.00	39.49 2.41 0.00	47.67 3.21 -4.34	60.61 4.32 -7.77	70.10 5.57 -2.64	75.10 4.02 -1.78	67.58 3.52 -2.18	59.12 4.33 -0.65	53.84 3.38 -0.86	50.99 3.29 0.00
SHOREHAM_IC_2 23716	57.52 3.05 0.00	52.33 2.20 0.00	51.01 2.80 0.00	49.13 2.47 0.00	50.69 3.01 0.00	58.02 3.39 0.00	54.47 2.64 0.00	50.78 2.42 0.00	46.65 2.60 0.00	43.32 2.83 0.00	42.20 2.12 0.00	41.73 2.02 0.00	40.04 1.87 0.00	39.70 2.03 0.00	39.49 2.41 0.00	47.67 3.21 -4.34	60.61 4.32 -7.77	70.10 5.57 -2.64	75.10 4.02 -1.78	67.58 3.52 -2.18	59.12 4.33 -0.65	53.84 3.38 -0.86	50.99 3.29 0.00
SISSONVILLE____ 23735	54.97 0.49 0.00	50.58 0.45 0.00	48.93 0.72 0.00	46.56 -0.09 0.00	47.54 -0.14 0.00	54.53 -0.11 0.00	51.57 -0.26 0.00	48.12 -0.24 0.00	43.61 -0.44 0.00	40.17 -0.32 0.00	39.80 -0.28 0.00	39.43 -0.28 0.00	37.86 -0.31 0.00	37.29 -0.38 0.00	36.49 -0.59 0.00	39.68 -0.44 0.00	48.14 -0.39 0.00	61.71 -0.19 0.00	69.52 0.21 0.00	62.18 0.31 0.00	54.40 0.27 0.00	50.30 0.69 0.00	48.13 0.43 0.00
SITHE_IND_GS1 24169	52.08 -2.40 0.00	48.03 -2.10 0.00	46.04 -2.17 0.00	44.65 -2.00 0.00	45.64 -2.05 0.00	52.12 -2.51 0.00	49.34 -2.49 0.00	46.09 -2.27 0.00	42.11 -1.94 0.00	38.71 -1.78 0.00	38.31 -1.76 0.00	38.00 -1.71 0.00	36.57 -1.60 0.00	36.08 -1.58 0.00	35.53 -1.56 0.00	38.36 -1.76 0.00	46.25 -2.28 0.00	58.98 -2.91 0.00	66.05 -3.26 0.00	58.96 -2.91 0.00	51.48 -2.65 0.00	47.28 -2.33 0.00	45.60 -2.10 0.00
SITHE_IND_GS2 24170	52.08 -2.40 0.00	48.03 -2.10 0.00	46.04 -2.17 0.00	44.65 -2.00 0.00	45.64 -2.05 0.00	52.12 -2.51 0.00	49.34 -2.49 0.00	46.09 -2.27 0.00	42.11 -1.94 0.00	38.71 -1.78 0.00	38.31 -1.76 0.00	38.00 -1.71 0.00	36.57 -1.60 0.00	36.08 -1.58 0.00	35.53 -1.56 0.00	38.36 -1.76 0.00	46.25 -2.28 0.00	58.98 -2.91 0.00	66.05 -3.26 0.00	58.96 -2.91 0.00	51.48 -2.65 0.00	47.28 -2.33 0.00	45.60 -2.10 0.00
SITHE_IND_GS3 24171	52.08 -2.40 0.00	48.03 -2.10 0.00	46.04 -2.17 0.00	44.65 -2.00 0.00	45.64 -2.05 0.00	52.12 -2.51 0.00	49.34 -2.49 0.00	46.09 -2.27 0.00	42.11 -1.94 0.00	38.71 -1.78 0.00	38.31 -1.76 0.00	38.00 -1.71 0.00	36.57 -1.60 0.00	36.08 -1.58 0.00	35.53 -1.56 0.00	38.36 -1.76 0.00	46.25 -2.28 0.00	58.98 -2.91 0.00	66.05 -3.26 0.00	58.96 -2.91 0.00	51.48 -2.65 0.00	47.28 -2.33 0.00	45.60 -2.10 0.00
SITHE_IND_GS4 24172	52.08 -2.40 0.00	48.03 -2.10 0.00	46.04 -2.17 0.00	44.65 -2.00 0.00	45.64 -2.05 0.00	52.12 -2.51 0.00	49.34 -2.49 0.00	46.09 -2.27 0.00	42.11 -1.94 0.00	38.71 -1.78 0.00	38.31 -1.76 0.00	38.00 -1.71 0.00	36.57 -1.60 0.00	36.08 -1.58 0.00	35.53 -1.56 0.00	38.36 -1.76 0.00	46.25 -2.28 0.00	58.98 -2.91 0.00	66.05 -3.26 0.00	58.96 -2.91 0.00	51.48 -2.65 0.00	47.28 -2.33 0.00	45.60 -2.10 0.00

SITHE___BATAVIA 24024	52.73 -1.75 0.00	49.23 -0.90 0.00	46.38 -1.83 0.00	45.16 -1.49 0.00	46.30 -1.38 0.00	51.90 -2.73 0.00	48.46 -3.37 0.00	45.66 -2.71 0.00	42.07 -1.98 0.00	38.59 -1.90 0.00	38.15 -1.92 0.00	37.72 -1.98 0.00	36.26 -1.91 0.00	35.52 -2.15 0.00	35.08 -2.00 0.00	37.75 -2.37 0.00	45.42 -3.11 0.00	57.99 -3.90 0.00	65.01 -4.30 0.00	58.16 -3.71 0.00	50.23 -3.90 0.00	46.63 -2.98 0.00	45.84 -1.86 0.00
SITHE___INDEPEND 23800	52.13 -2.34 0.00	48.02 -2.11 0.00	46.04 -2.17 0.00	44.65 -2.01 0.00	45.64 -2.05 0.00	52.12 -2.51 0.00	49.39 -2.44 0.00	46.09 -2.27 0.00	42.11 -1.94 0.00	38.71 -1.78 0.00	38.31 -1.76 0.00	38.00 -1.71 0.00	36.56 -1.60 0.00	36.08 -1.58 0.00	35.56 -1.52 0.00	38.39 -1.73 0.00	46.24 -2.28 0.00	58.98 -2.91 0.00	66.05 -3.26 0.00	58.96 -2.91 0.00	51.53 -2.60 0.00	47.28 -2.33 0.00	45.60 -2.10 0.00
SITHE___MASSENA 23902	55.29 0.82 0.00	50.93 0.80 0.00	49.23 1.01 0.00	47.12 0.47 0.00	48.26 0.57 0.00	55.40 0.76 0.00	52.40 0.57 0.00	48.95 0.58 0.00	44.45 0.40 0.00	40.90 0.40 0.00	40.48 0.40 0.00	40.10 0.40 0.00	38.51 0.34 0.00	37.93 0.27 0.00	37.27 0.19 0.00	40.40 0.28 0.00	48.96 0.44 0.00	62.64 0.75 0.00	70.35 1.04 0.00	62.86 0.99 0.00	54.94 0.81 0.00	50.55 0.94 0.00	48.46 0.76 0.00
SITHE___OGDNSBRG 24021	56.16 1.69 0.00	51.68 1.55 0.00	49.95 1.74 0.00	47.73 1.07 0.00	48.83 1.14 0.00	55.95 1.31 0.00	52.81 0.98 0.00	49.19 0.82 0.00	44.49 0.44 0.00	40.90 0.40 0.00	40.56 0.48 0.00	40.18 0.48 0.00	38.55 0.38 0.00	37.97 0.30 0.00	37.27 0.19 0.00	40.56 0.44 0.00	49.25 0.73 0.00	63.32 1.42 0.00	71.46 2.15 0.00	63.91 2.04 0.00	55.75 1.62 0.00	51.39 1.79 0.00	49.18 1.48 0.00
SITHE___STERLING 23777	55.67 1.20 0.00	51.23 1.10 0.00	49.23 1.01 0.00	47.77 1.12 0.00	48.79 1.10 0.00	55.73 1.09 0.00	52.76 0.93 0.00	49.14 0.77 0.00	44.67 0.62 0.00	40.98 0.49 0.00	40.60 0.52 0.00	40.22 0.51 0.00	38.70 0.53 0.00	38.15 0.49 0.00	37.53 0.45 0.00	40.72 0.60 0.00	49.25 0.73 0.00	63.13 1.24 0.00	70.97 1.66 0.00	63.42 1.55 0.00	55.32 1.19 0.00	50.65 1.04 0.00	48.70 1.00 0.00
SLEIGHT__34_KV_TB1 80719	52.57 -1.91 0.00	48.68 -1.45 0.00	46.33 -1.88 0.00	45.02 -1.63 0.00	46.07 -1.62 0.00	52.29 -2.35 0.00	49.29 -2.54 0.00	46.24 -2.13 0.00	42.42 -1.63 0.00	38.99 -1.50 0.00	38.51 -1.56 0.00	38.20 -1.51 0.00	36.72 -1.45 0.00	36.23 -1.43 0.00	35.67 -1.41 0.00	38.48 -1.64 0.00	46.24 -2.28 0.00	58.98 -2.91 0.00	66.05 -3.26 0.00	58.96 -2.91 0.00	51.32 -2.81 0.00	47.23 -2.38 0.00	45.84 -1.86 0.00
SOUTH CAIRO___GT 23612	58.78 4.30 0.00	53.99 3.86 0.00	51.88 3.66 0.00	50.48 3.83 0.00	51.50 3.81 0.00	59.12 4.48 0.00	55.87 4.04 0.00	51.75 3.39 0.00	46.69 2.64 0.00	42.72 2.23 0.00	42.24 2.16 0.00	41.81 2.10 0.00	40.08 1.91 0.00	39.62 1.96 0.00	39.12 2.04 0.00	42.53 2.41 0.00	51.97 3.45 0.00	71.08 3.90 -5.29	80.03 4.57 -6.14	73.50 4.08 -7.54	59.91 3.52 -2.26	53.38 3.77 0.00	51.42 3.72 0.00
SOUTH HAMPTN___IC 23720	57.80 3.32 0.00	52.58 2.46 0.00	51.20 2.99 0.00	49.36 2.70 0.00	50.93 3.24 0.00	58.30 3.66 0.00	54.83 3.00 0.00	51.07 2.71 0.00	46.87 2.82 0.00	43.49 3.00 0.00	42.32 2.24 0.00	41.81 2.10 0.00	40.07 1.91 0.00	39.70 2.03 0.00	39.53 2.45 0.00	47.71 3.25 -4.34	60.66 4.37 -7.77	70.22 5.69 -2.64	75.46 4.37 -1.78	67.89 3.84 -2.18	59.22 4.44 -0.65	53.94 3.47 -0.86	51.04 3.34 0.00
SOUTHDOW_115KV_TB1 355954	53.49 -0.98 0.00	49.63 -0.50 0.00	47.20 -1.01 0.00	45.35 -1.31 0.00	46.45 -1.24 0.00	52.34 -2.29 0.00	49.29 -2.54 0.00	46.48 -1.89 0.00	42.91 -1.15 0.00	39.60 -0.89 0.00	38.83 -1.24 0.00	38.24 -1.47 0.00	36.68 -1.49 0.00	36.08 -1.58 0.00	35.53 -1.56 0.00	38.19 -1.93 0.00	45.57 -2.96 0.00	58.92 -3.34 -0.37	66.35 -3.40 -0.43	59.62 -2.78 -0.53	51.37 -2.92 -0.16	47.28 -2.33 0.00	46.41 -1.29 0.00
SOUTHOLD_69_KV_BK 2 55809	57.85 3.38 0.00	52.84 2.71 0.00	51.15 2.94 0.00	49.69 3.03 0.00	50.98 3.29 0.00	58.51 3.88 0.00	54.99 3.16 0.00	51.12 2.76 0.00	46.96 2.91 0.00	43.61 3.12 0.00	42.60 2.52 0.00	41.77 2.06 0.00	39.88 1.72 0.00	39.40 1.73 0.00	39.27 2.19 0.00	47.51 3.05 -4.34	60.51 4.22 -7.77	70.10 5.57 -2.64	75.38 4.30 -1.78	67.82 3.77 -2.18	58.95 4.17 -0.65	53.79 3.32 -0.86	50.80 3.10 0.00
SOUTHOLD___IC 23719	57.85 3.38 0.00	52.58 2.46 0.00	51.20 2.99 0.00	49.36 2.70 0.00	50.98 3.29 0.00	58.35 3.72 0.00	54.93 3.11 0.00	51.17 2.80 0.00	47.00 2.95 0.00	43.57 3.08 0.00	42.24 2.16 0.00	41.65 1.95 0.00	39.89 1.72 0.00	39.47 1.81 0.00	39.35 2.26 0.00	47.55 3.09 -4.34	60.47 4.17 -7.77	70.10 5.57 -2.64	75.39 4.30 -1.78	67.83 3.77 -2.18	59.06 4.28 -0.65	53.79 3.32 -0.86	50.85 3.15 0.00
SOUTH_FORK_WT_PWR 323839	57.31 2.83 0.00	52.08 1.95 0.00	50.72 2.51 0.00	48.89 2.24 0.00	50.50 2.81 0.00	57.80 3.17 0.00	54.41 2.59 0.00	50.69 2.32 0.00	46.60 2.55 0.00	43.25 2.75 0.00	41.80 1.72 0.00	41.21 1.51 0.00	39.39 1.22 0.00	38.98 1.32 0.00	38.83 1.74 0.00	47.03 2.57 -4.34	59.79 3.50 -7.77	69.23 4.70 -2.64	74.41 3.33 -1.78	66.96 2.91 -2.18	58.36 3.57 -0.65	53.09 2.63 -0.86	50.23 2.53 0.00
SPIERFLS_115KV_TB 1 80737	58.34 3.87 0.00	53.59 3.46 0.00	51.73 3.52 0.00	50.34 3.69 0.00	51.45 3.77 0.00	59.06 4.43 0.00	56.23 4.41 0.00	52.09 3.72 0.00	47.22 3.17 0.00	43.16 2.67 0.00	42.80 2.73 0.00	42.48 2.78 0.00	40.69 2.52 0.00	40.26 2.60 0.00	39.64 2.56 0.00	42.93 2.81 0.00	52.26 3.74 0.00	82.79 4.83 -16.08	93.42 4.99 -19.12	89.82 4.45 -23.49	64.95 3.79 -7.03	52.88 3.27 0.00	50.99 3.29 0.00
ST LAWRENCE____ 23600	54.47 0.00 0.00	50.13 0.00 0.00	48.50 0.29 0.00	46.47 -0.19 0.00	47.59 -0.10 0.00	54.58 -0.05 0.00	51.77 -0.05 0.00	48.36 0.00 0.00	44.01 -0.04 0.00	40.45 -0.04 0.00	40.04 -0.04 0.00	39.67 -0.04 0.00	38.09 -0.08 0.00	37.55 -0.11 0.00	36.90 -0.18 0.00	40.00 -0.12 0.00	48.43 -0.10 0.00	61.83 -0.06 0.00	69.38 0.07 0.00	61.93 0.06 0.00	54.13 0.00 0.00	49.76 0.15 0.00	47.75 0.05 0.00
STATE_CA_115KV_115_LB 55624	56.76 2.29 0.00	52.13 2.01 0.00	50.19 1.98 0.00	48.80 2.15 0.00	49.79 2.10 0.00	57.15 2.51 0.00	54.31 2.49 0.00	50.49 2.13 0.00	45.94 1.89 0.00	42.23 1.74 0.00	41.84 1.76 0.00	41.49 1.79 0.00	39.85 1.68 0.00	39.36 1.69 0.00	38.79 1.71 0.00	42.01 1.89 0.00	50.85 2.33 0.00	75.35 2.85 -10.61	84.75 3.12 -12.32	79.73 2.72 -15.13	61.20 2.54 -4.53	51.84 2.23 0.00	49.85 2.15 0.00

STATE_ST_34_KV_LOAD 55959	53.71 -0.76 0.00	49.63 -0.50 0.00	47.34 -0.87 0.00	46.05 -0.61 0.00	47.07 -0.62 0.00	53.71 -0.93 0.00	50.84 -0.98 0.00	47.54 -0.82 0.00	43.43 -0.62 0.00	39.88 -0.61 0.00	39.47 -0.60 0.00	39.11 -0.60 0.00	37.59 -0.57 0.00	37.10 -0.56 0.00	36.56 -0.52 0.00	39.52 -0.60 0.00	47.65 -0.87 0.00	60.84 -1.05 0.00	68.27 -1.04 0.00	60.88 -0.99 0.00	53.05 -1.08 0.00	48.67 -0.94 0.00	46.99 -0.72 0.00
STATION 5_MISC_HYD 23604	52.24 -2.24 0.00	48.57 -1.55 0.00	45.99 -2.22 0.00	44.74 -1.91 0.00	45.78 -1.91 0.00	51.68 -2.95 0.00	48.51 -3.32 0.00	45.61 -2.75 0.00	41.98 -2.07 0.00	38.59 -1.90 0.00	38.19 -1.88 0.00	37.84 -1.87 0.00	36.37 -1.79 0.00	35.74 -1.92 0.00	35.23 -1.85 0.00	37.91 -2.21 0.00	45.61 -2.91 0.00	58.05 -3.84 0.00	65.01 -4.30 0.00	58.09 -3.78 0.00	50.40 -3.73 0.00	46.63 -2.98 0.00	45.51 -2.19 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	53.39 -1.09 0.00	49.43 -0.70 0.00	47.05 -1.16 0.00	45.72 -0.93 0.00	46.83 -0.86 0.00	53.11 -1.53 0.00	50.11 -1.71 0.00	47.01 -1.35 0.00	43.04 -1.01 0.00	39.52 -0.97 0.00	39.07 -1.00 0.00	38.67 -1.03 0.00	37.21 -0.95 0.00	36.68 -0.98 0.00	36.16 -0.93 0.00	38.96 -1.16 0.00	46.92 -1.60 0.00	59.85 -2.04 0.00	67.09 -2.22 0.00	59.89 -1.98 0.00	52.13 -2.00 0.00	47.97 -1.64 0.00	46.51 -1.19 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	52.02 -2.45 0.00	48.32 -1.80 0.00	45.85 -2.36 0.00	44.56 -2.10 0.00	45.59 -2.10 0.00	51.52 -3.11 0.00	48.46 -3.37 0.00	45.56 -2.81 0.00	41.85 -2.20 0.00	38.51 -1.98 0.00	38.03 -2.04 0.00	37.68 -2.02 0.00	36.26 -1.91 0.00	35.78 -1.88 0.00	35.27 -1.82 0.00	37.91 -2.21 0.00	45.47 -3.06 0.00	57.99 -3.90 0.00	64.88 -4.44 0.00	57.97 -3.90 0.00	50.40 -3.74 0.00	46.48 -3.13 0.00	45.36 -2.34 0.00
STA_56___34_KV_BUS2 355983	52.02 -2.45 0.00	48.32 -1.80 0.00	45.85 -2.36 0.00	44.56 -2.10 0.00	45.59 -2.10 0.00	51.52 -3.11 0.00	48.46 -3.37 0.00	45.56 -2.81 0.00	41.85 -2.20 0.00	38.51 -1.98 0.00	38.03 -2.04 0.00	37.68 -2.02 0.00	36.26 -1.91 0.00	35.78 -1.88 0.00	35.27 -1.82 0.00	37.91 -2.21 0.00	45.47 -3.06 0.00	57.99 -3.90 0.00	64.88 -4.44 0.00	57.97 -3.90 0.00	50.40 -3.74 0.00	46.48 -3.13 0.00	45.36 -2.34 0.00
STA_67___115KV_BK2 355882	52.13 -2.34 0.00	48.47 -1.65 0.00	45.95 -2.27 0.00	44.65 -2.01 0.00	45.68 -2.00 0.00	51.58 -3.06 0.00	48.51 -3.32 0.00	45.56 -2.81 0.00	41.89 -2.16 0.00	38.55 -1.94 0.00	38.07 -2.00 0.00	37.68 -2.02 0.00	36.30 -1.87 0.00	35.78 -1.88 0.00	35.27 -1.82 0.00	37.91 -2.21 0.00	45.42 -3.11 0.00	57.93 -3.96 0.00	64.81 -4.51 0.00	57.91 -3.96 0.00	50.40 -3.74 0.00	46.53 -3.08 0.00	45.41 -2.29 0.00
STA_7___115KV_9TRANS 80674	52.51 -1.96 0.00	48.78 -1.35 0.00	46.23 -1.98 0.00	44.93 -1.73 0.00	45.97 -1.72 0.00	51.90 -2.73 0.00	48.82 -3.01 0.00	45.90 -2.47 0.00	42.20 -1.85 0.00	38.83 -1.66 0.00	38.35 -1.72 0.00	37.96 -1.75 0.00	36.56 -1.60 0.00	36.08 -1.58 0.00	35.56 -1.52 0.00	38.23 -1.89 0.00	45.81 -2.72 0.00	58.43 -3.47 0.00	65.36 -3.95 0.00	58.40 -3.46 0.00	50.83 -3.30 0.00	46.88 -2.73 0.00	45.75 -1.96 0.00
STA_82___115KV_TB1 80780	52.19 -2.29 0.00	48.47 -1.65 0.00	45.95 -2.27 0.00	44.65 -2.01 0.00	45.68 -2.00 0.00	51.58 -3.06 0.00	48.51 -3.32 0.00	45.56 -2.81 0.00	41.89 -2.16 0.00	38.55 -1.94 0.00	38.07 -2.00 0.00	37.68 -2.02 0.00	36.30 -1.87 0.00	35.78 -1.88 0.00	35.27 -1.82 0.00	37.91 -2.21 0.00	45.47 -3.06 0.00	57.93 -3.96 0.00	64.81 -4.51 0.00	57.91 -3.96 0.00	50.40 -3.74 0.00	46.53 -3.08 0.00	45.41 -2.29 0.00
STEEL___WIND 323596	52.40 -2.07 0.00	48.93 -1.20 0.00	46.04 -2.17 0.00	44.79 -1.87 0.00	45.78 -1.91 0.00	51.36 -3.28 0.00	47.94 -3.89 0.00	45.17 -3.19 0.00	41.76 -2.29 0.00	38.47 -2.02 0.00	37.91 -2.16 0.00	37.44 -2.26 0.00	35.99 -2.17 0.00	35.25 -2.41 0.00	34.82 -2.26 0.00	37.39 -2.73 0.00	44.74 -3.79 0.00	57.13 -4.76 0.00	63.76 -5.55 0.00	57.04 -4.83 0.00	49.31 -4.82 0.00	45.94 -3.67 0.00	45.36 -2.34 0.00
STEPHTWN_115KV_BK_2 55603	57.14 2.67 0.00	52.48 2.36 0.00	50.53 2.31 0.00	49.13 2.47 0.00	50.17 2.48 0.00	57.53 2.90 0.00	54.68 2.85 0.00	50.83 2.47 0.00	46.21 2.16 0.00	42.47 1.98 0.00	42.08 2.00 0.00	41.73 2.02 0.00	40.08 1.91 0.00	39.58 1.92 0.00	39.01 1.93 0.00	42.25 2.13 0.00	51.24 2.72 0.00	72.52 3.34 0.00	81.52 3.74 -7.29	75.55 3.28 -8.47	60.22 2.98 -10.40	52.24 2.63 -3.11	50.23 2.53 0.00
STEUBEN_REC_LFGE 323667	53.00 -1.47 0.00	49.68 -0.45 0.00	47.25 -0.96 0.00	46.14 -0.51 0.00	47.21 -0.48 0.00	53.11 -1.53 0.00	49.91 -1.92 0.00	46.53 -1.84 0.00	42.33 -1.72 0.00	38.63 -1.86 0.00	37.95 -2.12 0.00	37.40 -2.30 0.00	35.84 -2.33 0.00	35.07 -2.60 0.00	34.49 -2.60 0.00	37.31 -2.81 0.00	45.03 -3.49 0.00	58.63 -3.71 -0.45	66.23 -3.60 -0.53	59.36 -3.16 -0.65	51.19 -3.14 -0.19	47.23 -2.38 0.00	46.03 -1.67 0.00
STILLWATER___SOLAR 323814	57.47 2.99 0.00	52.78 2.66 0.00	50.86 2.65 0.00	49.45 2.80 0.00	50.50 2.81 0.00	57.97 3.33 0.00	55.14 3.32 0.00	51.12 2.76 0.00	46.38 2.33 0.00	42.55 2.06 0.00	42.12 2.04 0.00	41.77 2.06 0.00	40.11 1.95 0.00	39.70 2.03 0.00	39.12 2.04 0.00	42.41 2.29 0.00	51.44 2.91 0.00	81.33 3.71 -15.72	91.78 4.16 -18.31	88.01 3.65 -22.49	64.11 3.25 -6.73	52.43 2.83 0.00	50.47 2.77 0.00
STONY___BROOK 24151	57.96 3.49 0.00	52.83 2.71 0.00	51.15 2.94 0.00	49.45 2.80 0.00	50.88 3.20 0.00	58.24 3.61 0.00	55.14 3.32 0.00	51.27 2.90 0.00	46.91 2.86 0.00	43.41 2.92 0.00	42.44 2.36 0.00	42.01 2.30 0.00	40.34 2.17 0.00	40.00 2.34 0.00	39.75 2.67 0.00	47.79 3.33 -4.34	60.61 4.32 -7.77	70.10 5.57 -2.64	75.94 4.85 -1.78	68.32 4.27 -2.18	59.33 4.55 -0.65	54.19 3.72 -0.86	51.18 3.48 0.00
STURGEON_POOL_HYD 23609	56.60 2.12 0.00	51.93 1.80 0.00	49.90 1.69 0.00	48.57 1.91 0.00	49.55 1.86 0.00	57.04 2.40 0.00	54.10 2.28 0.00	50.39 2.03 0.00	45.77 1.72 0.00	41.99 1.50 0.00	41.52 1.44 0.00	41.10 1.39 0.00	39.50 1.34 0.00	38.98 1.32 0.00	38.53 1.45 0.00	41.72 1.60 0.00	50.76 2.23 0.00	66.53 2.41 -2.23	74.67 2.77 -2.59	67.46 2.41 -3.18	57.30 2.22 -0.95	51.64 2.03 0.00	49.61 1.91 0.00
ST_LAW_115_BK7_LBMP 345037	54.53 0.05 0.00	50.18 0.05 0.00	48.55 0.34 0.00	46.52 -0.14 0.00	47.64 -0.05 0.00	54.64 0.00 0.00	51.77 -0.05 0.00	48.41 0.05 0.00	44.01 -0.04 0.00	40.45 -0.04 0.00	40.04 -0.04 0.00	39.67 -0.04 0.00	38.09 -0.08 0.00	37.55 -0.11 0.00	36.90 -0.18 0.00	40.00 -0.12 0.00	48.43 -0.10 0.00	61.89 0.00 0.00	69.45 0.14 0.00	61.99 0.12 0.00	54.19 0.05 0.00	49.86 0.25 0.00	47.80 0.10 0.00

ST_LAW_115_BK8_LBMP 345038	54.53 0.05 0.00	50.18 0.05 0.00	48.55 0.34 0.00	46.52 -0.14 0.00	47.64 -0.05 0.00	54.64 0.00 0.00	51.77 -0.05 0.00	48.41 0.05 0.00	44.01 -0.04 0.00	40.45 -0.04 0.00	40.04 -0.04 0.00	39.67 -0.04 0.00	38.09 -0.08 0.00	37.55 -0.11 0.00	36.90 -0.18 0.00	40.00 -0.12 0.00	48.43 -0.10 0.00	61.89 0.00 0.00	69.45 0.14 0.00	61.99 0.12 0.00	54.19 0.05 0.00	49.86 0.25 0.00	47.80 0.10 0.00
ST_LAW_230_BK5_LBMP 345035	54.47 0.00 0.00	50.13 0.00 0.00	48.50 0.29 0.00	46.47 -0.19 0.00	47.59 -0.10 0.00	54.58 -0.05 0.00	51.77 -0.05 0.00	48.36 0.00 0.00	44.01 -0.04 0.00	40.45 -0.04 0.00	40.04 -0.04 0.00	39.67 -0.04 0.00	38.09 -0.08 0.00	37.55 -0.11 0.00	36.90 -0.18 0.00	40.00 -0.12 0.00	48.43 -0.10 0.00	61.83 -0.06 0.00	69.38 0.07 0.00	61.93 0.06 0.00	54.13 0.00 0.00	49.76 0.15 0.00	47.75 0.05 0.00
ST_LAW_230_BK6_LBMP 345036	54.47 0.00 0.00	50.13 0.00 0.00	48.50 0.29 0.00	46.47 -0.19 0.00	47.59 -0.10 0.00	54.58 -0.05 0.00	51.77 -0.05 0.00	48.36 0.00 0.00	44.01 -0.04 0.00	40.45 -0.04 0.00	40.04 -0.04 0.00	39.67 -0.04 0.00	38.09 -0.08 0.00	37.55 -0.11 0.00	36.90 -0.18 0.00	40.00 -0.12 0.00	48.43 -0.10 0.00	61.83 -0.06 0.00	69.38 0.07 0.00	61.93 0.06 0.00	54.13 0.00 0.00	49.76 0.15 0.00	47.75 0.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	56.16 1.69 0.00	51.53 1.40 0.00	49.56 1.35 0.00	48.20 1.54 0.00	49.21 1.53 0.00	56.60 1.97 0.00	53.79 1.97 0.00	50.10 1.74 0.00	45.55 1.50 0.00	41.83 1.34 0.00	41.32 1.24 0.00	40.94 1.23 0.00	39.35 1.18 0.00	38.87 1.21 0.00	38.38 1.30 0.00	41.52 1.40 0.00	50.47 1.94 0.00	65.70 2.41 -1.40	73.64 2.70 -1.63	66.22 2.35 -2.00	56.89 2.17 -0.60	51.29 1.69 0.00	49.28 1.57 0.00
SWANROAD_115KV_TB1 355699	50.44 -4.03 0.00	47.17 -2.96 0.00	44.35 -3.86 0.00	43.11 -3.55 0.00	44.11 -3.58 0.00	49.28 -5.35 0.00	46.02 -5.80 0.00	43.33 -5.03 0.00	40.04 -4.01 0.00	36.93 -3.56 0.00	36.31 -3.77 0.00	35.85 -3.85 0.00	34.58 -3.59 0.00	34.12 -3.54 0.00	33.67 -3.41 0.00	36.07 -4.05 0.00	42.80 -5.73 0.00	54.65 -7.24 0.00	60.86 -8.46 0.00	54.45 -7.42 0.00	47.31 -6.82 0.00	44.00 -5.61 0.00	43.65 -4.05 0.00
SYNERGY___BIOGAS 323694	52.73 -1.75 0.00	49.23 -0.90 0.00	46.38 -1.83 0.00	45.16 -1.49 0.00	46.30 -1.38 0.00	51.90 -2.73 0.00	48.46 -3.37 0.00	45.66 -2.71 0.00	42.07 -1.98 0.00	38.59 -1.90 0.00	38.15 -1.92 0.00	37.72 -1.98 0.00	36.26 -1.91 0.00	35.52 -2.15 0.00	35.08 -2.00 0.00	37.75 -2.37 0.00	45.42 -3.11 0.00	57.99 -3.90 0.00	65.01 -4.30 0.00	58.16 -3.71 0.00	50.23 -3.90 0.00	46.63 -2.98 0.00	45.84 -1.86 0.00
SYRACUSE___ENERGY_ST1 323597	53.49 -0.98 0.00	49.33 -0.80 0.00	47.20 -1.01 0.00	45.86 -0.79 0.00	46.88 -0.81 0.00	53.49 -1.15 0.00	50.63 -1.19 0.00	47.30 -1.06 0.00	43.21 -0.84 0.00	39.72 -0.77 0.00	39.27 -0.80 0.00	38.99 -0.71 0.00	37.52 -0.65 0.00	37.02 -0.64 0.00	36.45 -0.63 0.00	39.36 -0.76 0.00	47.41 -1.12 0.00	60.53 -1.36 0.00	67.86 -1.46 0.00	60.57 -1.30 0.00	52.83 -1.30 0.00	48.47 -1.14 0.00	46.75 -0.95 0.00
SYRACUSE___ENERGY_ST2 323598	53.49 -0.98 0.00	49.33 -0.80 0.00	47.20 -1.01 0.00	45.86 -0.79 0.00	46.88 -0.81 0.00	53.49 -1.15 0.00	50.63 -1.19 0.00	47.30 -1.06 0.00	43.21 -0.84 0.00	39.72 -0.77 0.00	39.27 -0.80 0.00	38.99 -0.71 0.00	37.52 -0.65 0.00	37.02 -0.64 0.00	36.45 -0.63 0.00	39.36 -0.76 0.00	47.41 -1.12 0.00	60.53 -1.36 0.00	67.86 -1.46 0.00	60.57 -1.30 0.00	52.83 -1.30 0.00	48.47 -1.14 0.00	46.75 -0.95 0.00
SYRACUSE___POWER 24017	53.39 -1.09 0.00	49.23 -0.90 0.00	47.10 -1.11 0.00	45.72 -0.93 0.00	46.73 -0.95 0.00	53.32 -1.31 0.00	50.53 -1.30 0.00	47.20 -1.16 0.00	43.08 -0.97 0.00	39.60 -0.89 0.00	39.15 -0.92 0.00	38.87 -0.83 0.00	37.40 -0.76 0.00	36.91 -0.75 0.00	36.34 -0.74 0.00	39.28 -0.84 0.00	47.31 -1.21 0.00	60.41 -1.49 0.00	67.72 -1.59 0.00	60.45 -1.42 0.00	52.72 -1.41 0.00	48.37 -1.24 0.00	46.65 -1.05 0.00
TALLMAN___138KV_BK151 55660	56.27 1.80 0.00	51.63 1.50 0.00	49.66 1.45 0.00	48.29 1.63 0.00	49.31 1.62 0.00	56.77 2.13 0.00	54.00 2.18 0.00	50.25 1.89 0.00	45.72 1.67 0.00	41.99 1.50 0.00	41.48 1.40 0.00	41.06 1.35 0.00	39.50 1.34 0.00	39.02 1.36 0.00	38.53 1.45 0.00	41.68 1.56 0.00	50.66 2.14 0.00	65.93 2.60 -1.44	73.96 2.98 -1.67	66.52 2.60 -2.05	57.13 2.38 -0.61	51.49 1.89 0.00	49.42 1.72 0.00
TEALLAVE_115KV_TB7 355573	53.11 -1.36 0.00	48.98 -1.15 0.00	46.86 -1.35 0.00	45.54 -1.12 0.00	46.54 -1.14 0.00	53.11 -1.53 0.00	50.27 -1.55 0.00	46.96 -1.40 0.00	42.91 -1.15 0.00	39.44 -1.05 0.00	38.99 -1.08 0.00	38.71 -0.99 0.00	37.25 -0.92 0.00	36.76 -0.90 0.00	36.23 -0.85 0.00	39.12 -1.00 0.00	47.12 -1.41 0.00	60.10 -1.79 0.00	67.37 -1.94 0.00	60.14 -1.73 0.00	52.45 -1.68 0.00	48.12 -1.49 0.00	46.46 -1.24 0.00
TELGRAPH_34_KV_EAST 80808	51.70 -2.78 0.00	48.27 -1.85 0.00	45.46 -2.75 0.00	44.23 -2.43 0.00	45.26 -2.43 0.00	50.70 -3.93 0.00	47.37 -4.46 0.00	44.64 -3.72 0.00	41.14 -2.91 0.00	37.86 -2.63 0.00	37.27 -2.81 0.00	36.85 -2.86 0.00	35.50 -2.67 0.00	34.99 -2.67 0.00	34.52 -2.56 0.00	37.03 -3.09 0.00	44.16 -4.37 0.00	56.38 -5.51 0.00	63.00 -6.31 0.00	56.36 -5.51 0.00	48.93 -5.20 0.00	45.39 -4.22 0.00	44.79 -2.91 0.00
TEMPLE___115KV_TB 2 55572	53.17 -1.31 0.00	49.03 -1.10 0.00	46.91 -1.30 0.00	45.58 -1.07 0.00	46.54 -1.14 0.00	53.11 -1.53 0.00	50.27 -1.55 0.00	46.96 -1.40 0.00	42.91 -1.15 0.00	39.48 -1.01 0.00	39.03 -1.04 0.00	38.71 -0.99 0.00	37.29 -0.88 0.00	36.80 -0.87 0.00	36.23 -0.85 0.00	39.12 -1.00 0.00	47.12 -1.41 0.00	60.16 -1.73 0.00	67.37 -1.94 0.00	60.14 -1.73 0.00	52.45 -1.68 0.00	48.17 -1.44 0.00	46.46 -1.24 0.00
TIANA____69_KV_BK 1 55817	57.85 3.38 0.00	52.89 2.76 0.00	51.20 2.99 0.00	49.73 3.08 0.00	50.93 3.24 0.00	58.46 3.82 0.00	54.93 3.11 0.00	51.12 2.76 0.00	46.87 2.82 0.00	43.53 3.04 0.00	42.76 2.69 0.00	41.97 2.26 0.00	40.15 1.98 0.00	39.74 2.07 0.00	39.53 2.45 0.00	47.71 3.25 -4.34	60.76 4.46 -7.77	70.35 5.82 -2.64	75.59 4.51 -1.78	68.01 3.96 -2.18	59.22 4.44 -0.65	54.04 3.57 -0.86	51.04 3.34 0.00
TILDEN___115KV_TB1 80814	53.39 -1.09 0.00	49.23 -0.90 0.00	47.10 -1.11 0.00	45.72 -0.93 0.00	46.73 -0.95 0.00	53.32 -1.31 0.00	50.53 -1.30 0.00	47.20 -1.16 0.00	43.08 -0.97 0.00	39.60 -0.89 0.00	39.15 -0.92 0.00	38.87 -0.83 0.00	37.40 -0.76 0.00	36.91 -0.75 0.00	36.34 -0.74 0.00	39.28 -0.84 0.00	47.31 -1.21 0.00	60.41 -1.49 0.00	67.72 -1.59 0.00	60.45 -1.42 0.00	52.72 -1.41 0.00	48.37 -1.24 0.00	46.65 -1.05 0.00

TRIGEN___CC 323695	57.31 2.83 0.00	52.48 2.36 0.00	50.57 2.36 0.00	49.17 2.52 0.00	50.26 2.58 0.00	57.80 3.17 0.00	54.99 3.16 0.00	51.02 2.66 0.00	46.52 2.47 0.00	42.88 2.39 0.00	42.28 2.20 0.00	41.81 2.10 0.00	40.15 1.98 0.00	39.70 2.03 0.00	39.35 2.26 0.00	47.07 2.61 -4.34	59.64 3.35 -7.77	68.68 4.15 -2.64	75.25 4.16 -1.78	67.76 3.71 -2.18	58.41 3.63 -0.65	53.49 3.03 -0.86	50.42 2.72 0.00
TRINITY___115KV___4 BK 55933	56.60 2.12 0.00	51.98 1.85 0.00	50.04 1.83 0.00	48.66 2.01 0.00	49.64 1.96 0.00	56.98 2.35 0.00	54.16 2.33 0.00	50.35 1.98 0.00	45.81 1.76 0.00	42.15 1.66 0.00	41.72 1.64 0.00	41.37 1.67 0.00	39.73 1.56 0.00	39.25 1.58 0.00	38.68 1.59 0.00	41.89 1.77 0.00	50.71 2.18 0.00	72.95 2.66 -8.40	81.91 2.84 -9.76	76.40 2.54 -11.99	60.10 2.38 -3.59	51.69 2.08 0.00	49.70 2.00 0.00
UNION___PROCESSING_DRP 323587	52.19 -2.29 0.00	48.47 -1.65 0.00	45.95 -2.27 0.00	44.65 -2.01 0.00	45.73 -1.96 0.00	51.58 -3.06 0.00	48.51 -3.32 0.00	45.56 -2.81 0.00	41.89 -2.16 0.00	38.55 -1.94 0.00	38.07 -2.00 0.00	37.68 -2.02 0.00	36.30 -1.87 0.00	35.78 -1.88 0.00	35.27 -1.82 0.00	37.95 -2.17 0.00	45.47 -3.06 0.00	57.93 -3.96 0.00	64.81 -4.51 0.00	57.91 -3.96 0.00	50.40 -3.74 0.00	46.53 -3.08 0.00	45.46 -2.24 0.00
UPPER HUDSON___HYD 24058	58.34 3.87 0.00	53.59 3.46 0.00	51.78 3.57 0.00	50.39 3.73 0.00	51.45 3.77 0.00	59.06 4.42 0.00	56.23 4.40 0.00	52.09 3.72 0.00	47.22 3.17 0.00	43.16 2.67 0.00	42.76 2.69 0.00	42.44 2.74 0.00	40.65 2.48 0.00	40.26 2.60 0.00	39.64 2.56 0.00	42.97 2.85 0.00	52.21 3.69 0.00	82.80 4.83 -16.08	93.43 4.99 -19.12	89.82 4.46 -23.49	64.95 3.79 -7.03	52.88 3.27 0.00	50.99 3.29 0.00
UPPER RAQUET___HYD 24056	54.96 0.49 0.00	50.58 0.45 0.00	48.94 0.72 0.00	46.56 -0.09 0.00	47.54 -0.14 0.00	54.53 -0.11 0.00	51.57 -0.26 0.00	48.12 -0.24 0.00	43.61 -0.44 0.00	40.21 -0.28 0.00	39.80 -0.28 0.00	39.43 -0.28 0.00	37.86 -0.31 0.00	37.29 -0.38 0.00	36.53 -0.56 0.00	39.68 -0.44 0.00	48.14 -0.39 0.00	61.71 -0.19 0.00	69.52 0.21 0.00	62.18 0.31 0.00	54.40 0.27 0.00	50.30 0.69 0.00	48.13 0.43 0.00
VALLEY44_115KV_TB2 355964	53.33 -1.14 0.00	49.68 -0.45 0.00	46.91 -1.30 0.00	45.58 -1.07 0.00	46.59 -1.10 0.00	52.45 -2.19 0.00	49.34 -2.49 0.00	46.33 -2.03 0.00	42.64 -1.41 0.00	39.19 -1.30 0.00	38.55 -1.52 0.00	38.04 -1.67 0.00	36.56 -1.60 0.00	36.01 -1.66 0.00	35.49 -1.59 0.00	38.15 -1.97 0.00	45.57 -2.96 0.00	58.75 -3.53 -0.38	65.88 -3.88 -0.45	59.08 -3.34 -0.55	50.94 -3.36 -0.16	47.03 -2.58 0.00	46.08 -1.62 0.00
VALLEY___115KV_TB 1-4 80826	54.91 0.44 0.00	50.58 0.45 0.00	48.79 0.58 0.00	47.40 0.75 0.00	48.45 0.76 0.00	55.62 0.98 0.00	52.91 1.09 0.00	49.38 1.02 0.00	45.02 0.97 0.00	41.38 0.89 0.00	40.88 0.80 0.00	40.34 0.64 0.00	38.66 0.50 0.00	38.04 0.38 0.00	37.38 0.30 0.00	40.40 0.28 0.00	48.91 0.39 0.00	62.45 0.56 0.00	70.14 0.83 0.00	62.74 0.87 0.00	55.11 0.97 0.00	50.50 0.89 0.00	48.08 0.38 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	57.31 2.83 0.00	52.64 2.51 0.00	50.62 2.41 0.00	49.22 2.57 0.00	50.21 2.53 0.00	57.59 2.95 0.00	54.62 2.80 0.00	50.93 2.56 0.00	46.34 2.29 0.00	42.52 2.02 0.00	42.16 2.08 0.00	41.73 2.02 0.00	40.15 1.98 0.00	39.55 1.88 0.00	38.86 1.78 0.00	42.09 1.97 0.00	50.90 2.38 0.00	67.23 3.16 -2.18	75.52 3.67 -2.53	68.32 3.34 -3.11	57.88 2.81 -0.93	52.09 2.48 0.00	50.09 2.39 0.00
VISCHER___FERRY HYD 24020	56.87 2.39 0.00	52.23 2.11 0.00	50.24 2.02 0.00	48.85 2.19 0.00	49.88 2.19 0.00	57.26 2.62 0.00	54.47 2.64 0.00	50.64 2.27 0.00	45.99 1.94 0.00	42.31 1.82 0.00	41.84 1.76 0.00	41.49 1.79 0.00	39.84 1.68 0.00	39.43 1.77 0.00	38.86 1.78 0.00	42.09 1.97 0.00	50.95 2.43 0.00	78.32 3.03 -13.40	88.15 3.26 -15.58	83.86 2.85 -19.15	62.56 2.71 -5.73	51.89 2.28 0.00	49.94 2.24 0.00
V_A_10_SYNC_DSASP 323832	50.99 -3.49 0.00	47.67 -2.46 0.00	44.93 -3.28 0.00	43.72 -2.94 0.00	44.68 -3.00 0.00	50.16 -4.48 0.00	46.85 -4.98 0.00	44.11 -4.26 0.00	40.79 -3.26 0.00	37.54 -2.95 0.00	37.11 -2.97 0.00	36.69 -3.02 0.00	35.30 -2.86 0.00	34.61 -3.05 0.00	34.15 -2.93 0.00	36.67 -3.45 0.00	43.91 -4.61 0.00	55.95 -5.94 0.00	62.31 -7.00 0.00	55.74 -6.13 0.00	48.34 -5.79 0.00	45.00 -4.61 0.00	44.32 -3.39 0.00
V_CMM_10_SYNC_DSASP 323787	54.80 0.33 0.00	50.48 0.35 0.00	48.79 0.58 0.00	46.70 0.05 0.00	47.88 0.19 0.00	54.91 0.27 0.00	52.03 0.21 0.00	48.61 0.24 0.00	44.18 0.13 0.00	40.65 0.16 0.00	40.20 0.12 0.00	39.87 0.16 0.00	38.24 0.08 0.00	37.70 0.04 0.00	37.08 0.00 0.00	40.16 0.04 0.00	48.67 0.15 0.00	62.14 0.25 0.00	69.73 0.42 0.00	62.31 0.44 0.00	54.46 0.33 0.00	50.05 0.45 0.00	47.99 0.29 0.00
V_CMP_10_SYNC_DSASP 323788	54.64 0.16 0.00	50.33 0.20 0.00	50.43 2.22 0.00	46.66 0.00 0.00	48.07 0.38 0.00	55.46 0.82 0.00	52.65 0.83 0.00	49.28 0.92 0.00	44.84 0.79 0.00	41.34 0.85 0.00	40.92 0.84 0.00	40.46 0.75 0.00	38.70 0.53 0.00	38.00 0.34 0.00	37.27 0.19 0.00	40.32 0.20 0.00	48.87 0.34 0.00	62.64 0.75 0.00	70.56 1.25 0.00	63.23 1.36 0.00	55.32 1.19 0.00	50.95 1.34 0.00	48.94 1.24 0.00
V_D_10_SYNC_DSASP 323841	55.29 0.82 0.00	50.93 0.80 0.00	49.23 1.01 0.00	47.12 0.47 0.00	48.26 0.57 0.00	55.34 0.71 0.00	52.40 0.57 0.00	48.95 0.58 0.00	44.45 0.40 0.00	40.90 0.40 0.00	40.44 0.36 0.00	40.10 0.40 0.00	38.51 0.34 0.00	37.93 0.27 0.00	37.27 0.19 0.00	40.40 0.28 0.00	48.96 0.44 0.00	62.64 0.75 0.00	70.35 1.04 0.00	62.86 0.99 0.00	54.94 0.81 0.00	50.55 0.94 0.00	48.46 0.76 0.00
V_E_10_SYNC_DSASP 323830	58.23 3.76 0.00	54.44 4.31 0.00	51.49 3.28 0.00	50.30 3.64 0.00	51.45 3.77 0.00	58.90 4.26 0.00	55.61 3.78 0.00	51.70 3.33 0.00	46.74 2.69 0.00	42.68 2.18 0.00	42.28 2.20 0.00	41.65 1.95 0.00	39.92 1.76 0.00	39.21 1.54 0.00	38.53 1.44 0.00	41.97 1.85 0.00	50.95 2.43 0.00	66.88 3.96 -1.02	75.62 5.13 -1.18	68.02 4.70 -1.46	58.14 3.57 -0.44	52.88 3.27 0.00	50.90 3.20 0.00
V_F_30_NSYNC___DSASP 323816	57.52 3.05 0.00	52.83 2.71 0.00	50.91 2.70 0.00	49.50 2.85 0.00	50.55 2.86 0.00	57.97 3.33 0.00	55.14 3.32 0.00	51.17 2.80 0.00	46.43 2.38 0.00	42.59 2.10 0.00	42.16 2.08 0.00	41.85 2.14 0.00	40.19 2.02 0.00	39.73 2.07 0.00	39.16 2.08 0.00	42.41 2.29 0.00	51.49 2.96 0.00	81.74 3.78 -16.07	92.21 4.23 -18.67	88.52 3.71 -22.94	64.30 3.30 -6.86	52.43 2.83 0.00	50.51 2.81 0.00



V_F_30_SYNC_DSASP 323786	56.76 2.29 0.00	52.13 2.01 0.00	50.19 1.98 0.00	48.80 2.15 0.00	49.79 2.10 0.00	57.15 2.51 0.00	54.31 2.49 0.00	50.49 2.13 0.00	45.94 1.89 0.00	42.23 1.74 0.00	41.84 1.76 0.00	41.49 1.79 0.00	39.85 1.68 0.00	39.36 1.69 0.00	38.79 1.71 0.00	42.01 1.89 0.00	50.85 2.33 0.00	75.16 2.85 -10.42	84.54 3.12 -12.11	79.47 2.72 -14.88	61.12 2.54 -4.45	51.84 2.23 0.00	49.85 2.15 0.00
V_XM_10_SYNC_DSASP 323789	54.64 0.16 0.00	50.33 0.20 0.00	50.43 2.22 0.00	46.66 0.00 0.00	48.07 0.38 0.00	55.46 0.82 0.00	52.65 0.83 0.00	49.28 0.92 0.00	44.84 0.79 0.00	41.34 0.85 0.00	40.92 0.84 0.00	40.46 0.75 0.00	38.70 0.53 0.00	38.00 0.34 0.00	37.27 0.19 0.00	40.32 0.20 0.00	48.87 0.34 0.00	62.64 0.75 0.00	70.56 1.25 0.00	63.23 1.36 0.00	55.32 1.19 0.00	50.95 1.34 0.00	48.94 1.24 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	56.60 2.12 0.00	51.88 1.75 0.00	49.90 1.69 0.00	48.57 1.91 0.00	49.59 1.91 0.00	57.04 2.40 0.00	54.26 2.44 0.00	50.49 2.13 0.00	45.94 1.89 0.00	42.19 1.70 0.00	41.68 1.60 0.00	41.25 1.55 0.00	39.69 1.53 0.00	39.21 1.54 0.00	38.71 1.63 0.00	41.93 1.81 0.00	50.90 2.38 0.00	66.32 2.97 -1.45	74.26 3.26 -1.69	66.79 2.85 -2.08	57.35 2.60 -0.62	51.69 2.08 0.00	49.61 1.91 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	56.76 2.29 0.00	51.98 1.85 0.00	50.09 1.88 0.00	48.75 2.10 0.00	49.79 2.10 0.00	57.42 2.79 0.00	54.73 2.90 0.00	50.88 2.51 0.00	46.30 2.25 0.00	42.52 2.02 0.00	41.96 1.88 0.00	41.57 1.87 0.00	40.04 1.87 0.00	39.55 1.88 0.00	39.09 2.00 0.00	42.25 2.13 0.00	51.34 2.81 0.00	66.89 3.47 -1.53	74.97 3.88 -1.78	67.39 3.34 -2.18	57.81 3.03 -0.65	51.99 2.38 0.00	49.90 2.19 0.00
W50THST__13_KV_LOAD 356117	56.93 2.45 0.00	52.13 2.01 0.00	50.24 2.02 0.00	48.89 2.24 0.00	49.93 2.24 0.00	57.59 2.95 0.00	54.93 3.11 0.00	51.02 2.66 0.00	46.47 2.42 0.00	42.64 2.15 0.00	42.08 2.00 0.00	41.69 1.99 0.00	40.15 1.98 0.00	39.66 2.00 0.00	39.20 2.11 0.00	42.37 2.25 0.00	51.53 3.01 0.00	67.19 3.78 -1.53	75.31 4.23 -1.78	67.70 3.65 -2.18	58.03 3.25 -0.65	52.14 2.53 0.00	50.04 2.34 0.00
WADING RIVER_IC_1 23522	57.47 2.99 0.00	52.28 2.15 0.00	50.96 2.75 0.00	49.08 2.42 0.00	50.69 3.01 0.00	58.02 3.39 0.00	54.41 2.59 0.00	50.78 2.42 0.00	46.65 2.60 0.00	43.32 2.83 0.00	42.20 2.12 0.00	41.69 1.98 0.00	40.04 1.87 0.00	39.66 1.99 0.00	39.46 2.38 0.00	47.67 3.21 -4.34	60.56 4.27 -7.77	70.10 5.57 -2.64	75.04 3.95 -1.78	67.51 3.46 -2.18	59.06 4.28 -0.65	53.79 3.32 -0.86	50.99 3.29 0.00
WADING RIVER_IC_2 23547	57.47 2.99 0.00	52.28 2.15 0.00	50.96 2.75 0.00	49.08 2.42 0.00	50.69 3.01 0.00	58.02 3.39 0.00	54.41 2.59 0.00	50.78 2.42 0.00	46.65 2.60 0.00	43.32 2.83 0.00	42.20 2.12 0.00	41.69 1.98 0.00	40.04 1.87 0.00	39.66 1.99 0.00	39.46 2.38 0.00	47.67 3.21 -4.34	60.56 4.27 -7.77	70.10 5.57 -2.64	75.04 3.95 -1.78	67.51 3.46 -2.18	59.06 4.28 -0.65	53.79 3.32 -0.86	50.99 3.29 0.00
WADING RIVER_IC_3 23601	57.47 2.99 0.00	52.28 2.15 0.00	50.96 2.75 0.00	49.08 2.42 0.00	50.69 3.01 0.00	58.02 3.39 0.00	54.41 2.59 0.00	50.78 2.42 0.00	46.65 2.60 0.00	43.32 2.83 0.00	42.20 2.12 0.00	41.69 1.98 0.00	40.04 1.87 0.00	39.66 1.99 0.00	39.46 2.38 0.00	47.67 3.21 -4.34	60.56 4.27 -7.77	70.10 5.57 -2.64	75.04 3.95 -1.78	67.51 3.46 -2.18	59.06 4.28 -0.65	53.79 3.32 -0.86	50.99 3.29 0.00
WALDENNY_12_KV_BK2 80841	52.40 -2.07 0.00	48.88 -1.25 0.00	46.04 -2.17 0.00	44.70 -1.96 0.00	45.73 -1.96 0.00	51.25 -3.39 0.00	47.99 -3.84 0.00	45.17 -3.19 0.00	41.72 -2.33 0.00	38.47 -2.02 0.00	37.79 -2.28 0.00	37.32 -2.38 0.00	35.95 -2.21 0.00	35.48 -2.18 0.00	34.97 -2.11 0.00	37.51 -2.61 0.00	44.59 -3.93 0.00	57.06 -4.83 0.00	63.70 -5.61 0.00	56.98 -4.89 0.00	49.42 -4.71 0.00	45.89 -3.72 0.00	45.32 -2.39 0.00
WALDEN__HYDRO 24148	56.54 2.07 0.00	51.88 1.75 0.00	49.90 1.69 0.00	48.52 1.87 0.00	49.55 1.86 0.00	56.98 2.35 0.00	54.10 2.28 0.00	50.39 2.03 0.00	45.77 1.72 0.00	41.99 1.50 0.00	41.52 1.44 0.00	41.10 1.39 0.00	39.50 1.34 0.00	39.02 1.36 0.00	38.53 1.45 0.00	41.72 1.60 0.00	50.76 2.23 0.00	66.18 2.79 -1.51	74.18 3.12 -1.75	66.80 2.78 -2.15	57.26 2.49 -0.64	51.64 2.03 0.00	49.61 1.91 0.00
WARRENSBURG____ 23737	58.34 3.87 0.00	53.59 3.46 0.00	51.73 3.52 0.00	50.34 3.69 0.00	51.45 3.77 0.00	59.06 4.43 0.00	56.23 4.41 0.00	52.09 3.72 0.00	47.22 3.17 0.00	43.16 2.67 0.00	42.80 2.73 0.00	42.48 2.78 0.00	40.69 2.52 0.00	40.26 2.60 0.00	39.64 2.56 0.00	42.93 2.81 0.00	52.26 3.74 0.00	82.79 4.83 -16.08	93.42 4.99 -19.12	89.82 4.45 -23.49	64.95 3.79 -7.03	52.88 3.27 0.00	50.99 3.29 0.00
WATERSIDE____6 8 9 23538	56.57 2.40 0.30	51.22 1.96 0.87	49.10 2.02 1.13	47.67 2.24 1.22	48.75 2.15 1.08	57.37 2.84 0.10	54.12 2.95 0.66	49.64 2.61 1.34	44.44 2.38 1.99	40.25 2.19 2.43	39.68 2.04 2.44	39.24 2.02 2.49	37.52 2.06 2.71	37.13 2.07 2.61	36.66 2.19 2.62	40.21 2.29 2.20	49.95 2.96 1.53	66.53 3.40 -1.24	74.95 3.88 -1.75	67.12 3.28 -1.97	57.50 2.98 -0.39	51.22 2.53 0.92	48.91 2.34 1.13
WATKINRD_115KV_LN8_ILLION 55919	55.02 0.54 0.00	50.63 0.50 0.00	48.79 0.58 0.00	47.36 0.70 0.00	48.40 0.72 0.00	55.51 0.87 0.00	52.76 0.93 0.00	49.23 0.87 0.00	44.84 0.79 0.00	41.22 0.73 0.00	40.76 0.68 0.00	40.26 0.56 0.00	38.66 0.50 0.00	38.08 0.41 0.00	37.45 0.37 0.00	40.48 0.36 0.00	49.01 0.49 0.00	62.57 0.68 0.00	70.21 0.90 0.00	62.74 0.87 0.00	55.05 0.92 0.00	50.40 0.79 0.00	48.18 0.48 0.00
WATSON__69_KV_BK 1 55734	58.40 3.92 0.00	53.39 3.26 0.00	51.44 3.23 0.00	50.01 3.36 0.00	51.17 3.48 0.00	58.79 4.15 0.00	55.61 3.78 0.00	51.60 3.24 0.00	47.13 3.08 0.00	43.61 3.12 0.00	42.88 2.81 0.00	42.29 2.58 0.00	40.53 2.37 0.00	40.11 2.45 0.00	39.90 2.82 0.00	47.91 3.45 -4.34	60.90 4.61 -7.77	70.47 5.94 -2.64	76.56 5.48 -1.78	68.94 4.89 -2.18	59.60 4.82 -0.65	54.53 4.07 -0.86	51.42 3.72 0.00
WDELAWARE__HYD 323627	57.04 2.56 0.00	52.33 2.20 0.00	50.28 2.07 0.00	48.89 2.24 0.00	49.98 2.29 0.00	57.42 2.78 0.00	54.47 2.64 0.00	50.64 2.27 0.00	45.94 1.89 0.00	42.15 1.66 0.00	41.64 1.56 0.00	41.18 1.47 0.00	39.58 1.41 0.00	39.09 1.43 0.00	38.57 1.48 0.00	41.84 1.72 0.00	50.85 2.33 0.00	66.63 3.15 -1.58	74.75 3.60 -1.84	67.35 3.22 -2.26	57.67 2.87 -0.68	51.94 2.33 0.00	49.90 2.20 0.00

WEST BABYLON___IC 23714	58.18 3.70 0.00	53.24 3.11 0.00	51.30 3.09 0.00	49.83 3.17 0.00	51.03 3.34 0.00	58.62 3.99 0.00	55.56 3.73 0.00	51.56 3.19 0.00	47.00 2.95 0.00	43.45 2.96 0.00	42.76 2.69 0.00	42.21 2.50 0.00	40.50 2.33 0.00	40.04 2.37 0.00	39.79 2.71 0.00	47.75 3.29 -4.34	60.61 4.32 -7.77	70.10 5.57 -2.64	76.35 5.27 -1.78	68.75 4.70 -2.18	59.38 4.60 -0.65	54.38 3.92 -0.86	51.23 3.53 0.00
WEST CANADA___HYD 24049	54.96 0.49 0.00	50.53 0.40 0.00	48.64 0.43 0.00	47.12 0.47 0.00	48.12 0.43 0.00	55.18 0.55 0.00	52.34 0.52 0.00	48.80 0.43 0.00	44.45 0.40 0.00	40.85 0.36 0.00	40.44 0.36 0.00	40.06 0.36 0.00	38.51 0.34 0.00	38.00 0.34 0.00	37.38 0.30 0.00	40.48 0.36 0.00	48.96 0.44 0.00	62.45 0.56 0.00	70.00 0.69 0.00	62.49 0.62 0.00	54.73 0.60 0.00	50.10 0.50 0.00	48.13 0.43 0.00
WESTERN_NY_WIND 24143	52.79 -1.69 0.00	49.23 -0.90 0.00	46.38 -1.83 0.00	45.12 -1.54 0.00	46.26 -1.43 0.00	51.85 -2.79 0.00	48.51 -3.32 0.00	45.70 -2.66 0.00	41.98 -2.07 0.00	38.59 -1.90 0.00	38.03 -2.04 0.00	37.60 -2.10 0.00	36.18 -1.98 0.00	35.67 -2.00 0.00	35.19 -1.89 0.00	37.83 -2.29 0.00	45.27 -3.25 0.00	57.93 -3.96 0.00	64.88 -4.44 0.00	58.03 -3.84 0.00	50.34 -3.79 0.00	46.58 -3.03 0.00	45.79 -1.91 0.00
WESTOVER___LESR 323668	54.26 -0.22 0.00	50.13 0.00 0.00	47.87 -0.34 0.00	46.52 -0.14 0.00	47.54 -0.14 0.00	54.14 -0.49 0.00	51.25 -0.57 0.00	47.83 -0.53 0.00	43.70 -0.35 0.00	40.13 -0.36 0.00	39.64 -0.44 0.00	39.27 -0.44 0.00	37.75 -0.42 0.00	37.21 -0.45 0.00	36.64 -0.44 0.00	39.60 -0.52 0.00	47.75 -0.78 0.00	61.71 -0.87 -0.69	69.28 -0.83 -0.80	62.11 -0.74 -0.98	53.61 -0.81 -0.29	48.96 -0.64 0.00	47.32 -0.38 0.00
WETHRSFD_WT_PWR 323626	51.97 -2.50 0.00	48.57 -1.55 0.00	45.95 -2.27 0.00	44.74 -1.91 0.00	45.78 -1.91 0.00	50.92 -3.72 0.00	47.63 -4.20 0.00	44.54 -3.82 0.00	40.75 -3.30 0.00	37.33 -3.16 0.00	36.95 -3.13 0.00	36.45 -3.26 0.00	34.92 -3.24 0.00	34.16 -3.50 0.00	33.67 -3.41 0.00	36.31 -3.81 0.00	43.82 -4.71 0.00	56.78 -5.51 -0.40	63.74 -6.03 -0.46	57.06 -5.38 -0.57	49.10 -5.20 -0.17	45.39 -4.22 0.00	44.51 -3.20 0.00
WHAVSTOR_138KV_BK127 55557	56.33 1.85 0.00	51.63 1.50 0.00	49.71 1.49 0.00	48.33 1.68 0.00	49.36 1.67 0.00	56.77 2.13 0.00	54.05 2.23 0.00	50.30 1.93 0.00	45.77 1.72 0.00	42.03 1.54 0.00	41.52 1.44 0.00	41.10 1.39 0.00	39.54 1.37 0.00	39.06 1.39 0.00	38.57 1.48 0.00	41.72 1.60 0.00	50.66 2.14 0.00	66.01 2.66 -1.46	73.99 2.98 -1.69	66.55 2.60 -2.08	57.14 2.38 -0.62	51.49 1.89 0.00	49.42 1.72 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	56.33 1.85 0.00	51.63 1.50 0.00	49.71 1.49 0.00	48.33 1.68 0.00	49.36 1.67 0.00	56.77 2.13 0.00	54.05 2.23 0.00	50.30 1.93 0.00	45.77 1.72 0.00	42.03 1.54 0.00	41.52 1.44 0.00	41.10 1.39 0.00	39.54 1.37 0.00	39.06 1.39 0.00	38.57 1.48 0.00	41.72 1.60 0.00	50.66 2.14 0.00	66.01 2.66 -1.46	73.99 2.98 -1.69	66.55 2.60 -2.08	57.14 2.38 -0.62	51.49 1.89 0.00	49.42 1.72 0.00
WHITEHAL_115KV_TB1 80871	59.11 4.63 0.00	54.29 4.16 0.00	52.45 4.24 0.00	51.09 4.43 0.00	52.17 4.48 0.00	59.88 5.24 0.00	57.06 5.23 0.00	52.72 4.35 0.00	47.71 3.66 0.00	43.61 3.12 0.00	43.24 3.17 0.00	42.92 3.22 0.00	41.14 2.98 0.00	40.68 3.01 0.00	40.09 3.00 0.00	43.45 3.33 0.00	52.94 4.42 0.00	83.66 5.82 -15.95	94.62 6.38 -18.94	90.82 5.69 -23.26	65.85 4.76 -6.96	53.73 4.12 0.00	51.76 4.05 0.00
WHITEPLN_13_KV_LOAD 356215	57.31 2.83 0.00	52.48 2.36 0.00	50.57 2.36 0.00	49.13 2.47 0.00	50.12 2.43 0.00	57.69 3.06 0.00	55.04 3.21 0.00	51.17 2.81 0.00	46.52 2.47 0.00	42.72 2.23 0.00	42.20 2.12 0.00	41.77 2.06 0.00	40.19 2.02 0.00	39.70 2.03 0.00	39.23 2.15 0.00	42.49 2.37 0.00	51.63 3.11 0.00	67.38 3.96 -1.53	75.45 4.37 -1.77	67.88 3.84 -2.18	58.19 3.41 -0.65	52.44 2.83 0.00	50.18 2.48 0.00
WM_FLOYD_69_KV_BK2 356380	57.80 3.32 0.00	52.84 2.71 0.00	51.06 2.84 0.00	49.59 2.94 0.00	50.83 3.15 0.00	58.30 3.66 0.00	54.88 3.06 0.00	50.98 2.61 0.00	46.69 2.64 0.00	43.33 2.83 0.00	42.60 2.52 0.00	41.89 2.18 0.00	40.11 1.95 0.00	39.70 2.03 0.00	39.49 2.41 0.00	47.63 3.17 -4.34	60.61 4.32 -7.77	70.10 5.57 -2.64	75.59 4.51 -1.78	68.01 3.96 -2.18	59.11 4.33 -0.65	54.04 3.57 -0.86	51.04 3.34 0.00
WOODARD___115KV_TB2 355635	53.06 -1.42 0.00	48.93 -1.20 0.00	46.86 -1.35 0.00	45.49 -1.17 0.00	46.50 -1.19 0.00	53.05 -1.58 0.00	50.22 -1.61 0.00	46.91 -1.45 0.00	42.86 -1.19 0.00	39.40 -1.09 0.00	38.99 -1.08 0.00	38.67 -1.03 0.00	37.21 -0.95 0.00	36.76 -0.90 0.00	36.19 -0.89 0.00	39.08 -1.04 0.00	47.07 -1.46 0.00	60.10 -1.79 0.00	67.30 -2.01 0.00	60.08 -1.79 0.00	52.40 -1.73 0.00	48.12 -1.49 0.00	46.41 -1.29 0.00
YORK___WARBASSE 23770	59.39 2.83 -2.08	58.47 2.36 -5.99	58.46 2.41 -7.83	57.69 2.57 -8.47	57.70 2.53 -7.48	58.56 3.22 -0.70	59.73 3.32 -4.59	60.57 2.95 -9.26	60.55 2.73 -13.77	59.83 2.51 -16.83	59.30 2.36 -16.86	59.30 2.34 -17.25	59.23 2.33 -18.74	58.07 2.34 -18.07	58.13 2.48 -18.56	57.92 2.61 -15.20	62.48 3.35 -10.60	69.27 3.84 -3.54	75.61 4.37 -1.93	69.21 3.71 -3.63	60.01 3.41 -2.46	58.90 2.93 -6.37	58.26 2.72 -7.84