

ALBANY___2 23572	44.60 0.62 0.00	43.51 0.64 0.00	41.33 0.73 0.00	40.94 0.72 0.00	42.60 0.67 0.00	46.92 0.60 0.00	57.75 0.74 0.00	65.28 0.77 0.00	53.90 0.69 0.00	45.79 0.68 0.00	42.93 0.59 0.00	40.37 0.71 0.00	40.15 0.59 0.00	41.24 0.57 0.00	41.69 0.62 0.00	42.70 0.34 0.00	49.17 0.24 0.00	62.20 0.19 0.00	74.31 0.22 0.00	63.00 0.13 0.00	55.93 0.28 0.00	49.93 0.30 0.00	46.33 0.28 0.00	44.05 0.57 0.00
ALBANY___3 23573	44.60 0.62 0.00	43.51 0.64 0.00	41.33 0.73 0.00	40.94 0.72 0.00	42.60 0.67 0.00	46.92 0.60 0.00	57.75 0.74 0.00	65.28 0.77 0.00	53.90 0.69 0.00	45.79 0.68 0.00	42.93 0.59 0.00	40.37 0.71 0.00	40.15 0.59 0.00	41.24 0.57 0.00	41.69 0.62 0.00	42.70 0.34 0.00	49.17 0.24 0.00	62.20 0.19 0.00	74.31 0.22 0.00	63.00 0.13 0.00	55.93 0.28 0.00	49.93 0.30 0.00	46.33 0.28 0.00	44.05 0.57 0.00
ALBANY___4 23574	44.60 0.62 0.00	43.51 0.64 0.00	41.33 0.73 0.00	40.94 0.72 0.00	42.60 0.67 0.00	46.92 0.60 0.00	57.75 0.74 0.00	65.28 0.77 0.00	53.90 0.69 0.00	45.79 0.68 0.00	42.93 0.59 0.00	40.37 0.71 0.00	40.15 0.59 0.00	41.24 0.57 0.00	41.69 0.62 0.00	42.70 0.34 0.00	49.17 0.24 0.00	62.20 0.19 0.00	74.31 0.22 0.00	63.00 0.13 0.00	55.93 0.28 0.00	49.93 0.30 0.00	46.33 0.28 0.00	44.05 0.57 0.00
ALBANY___LFGE 323615	44.95 0.97 0.00	43.90 1.03 0.00	41.61 1.02 0.00	41.22 1.01 0.00	42.90 0.97 0.00	47.29 0.97 0.00	58.21 1.20 0.00	65.86 1.36 0.00	54.27 1.06 0.00	46.10 0.99 0.00	43.23 0.89 0.00	40.65 0.99 0.00	40.46 0.91 0.00	41.57 0.89 0.00	42.02 0.95 0.00	43.12 0.76 0.00	49.61 0.68 0.00	62.82 0.80 0.00	75.05 0.96 0.00	63.57 0.69 0.00	56.37 0.72 0.00	50.37 0.75 0.00	46.75 0.69 0.00	44.26 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	45.30 1.32 0.00	44.16 1.29 0.00	41.77 1.18 0.00	41.38 1.17 0.00	43.06 1.13 0.00	47.52 1.20 0.00	58.37 1.37 0.00	66.05 1.55 0.00	54.32 1.12 0.00	45.79 0.68 0.00	43.06 0.72 0.00	40.30 0.63 0.00	40.38 0.83 0.00	41.61 0.94 0.00	42.02 0.94 0.00	43.33 0.97 0.00	50.20 1.27 0.00	63.57 1.55 0.00	75.87 1.78 0.00	64.44 1.57 0.00	57.04 1.39 0.00	51.02 1.39 0.00	47.48 1.43 0.00	44.87 1.39 0.00
ALCOA_RYNLDS___DRP 24188	45.30 1.32 0.00	44.16 1.29 0.00	41.77 1.18 0.00	41.38 1.17 0.00	43.06 1.13 0.00	47.52 1.20 0.00	58.37 1.37 0.00	66.05 1.55 0.00	54.32 1.12 0.00	45.79 0.68 0.00	43.06 0.72 0.00	40.30 0.63 0.00	40.38 0.83 0.00	41.61 0.94 0.00	42.02 0.94 0.00	43.33 0.97 0.00	50.20 1.27 0.00	63.57 1.55 0.00	75.87 1.78 0.00	64.44 1.57 0.00	57.04 1.39 0.00	51.02 1.39 0.00	47.48 1.43 0.00	44.87 1.39 0.00
ALCOA___DSASP 323711	45.30 1.32 0.00	44.16 1.28 0.00	41.78 1.18 0.00	41.38 1.17 0.00	43.06 1.13 0.00	47.52 1.20 0.00	58.37 1.37 0.00	65.92 1.42 0.00	54.32 1.12 0.00	45.79 0.68 0.00	43.06 0.72 0.00	40.29 0.63 0.00	40.38 0.83 0.00	41.61 0.94 0.00	42.02 0.95 0.00	43.33 0.97 0.00	50.19 1.27 0.00	63.57 1.55 0.00	75.87 1.78 0.00	64.44 1.57 0.00	57.04 1.39 0.00	51.02 1.39 0.00	47.48 1.43 0.00	44.87 1.39 0.00
ALLEGHENY___COGEN 23514	43.72 -0.26 0.00	42.66 -0.21 0.00	40.48 -0.12 0.00	40.09 -0.12 0.00	41.97 0.04 0.00	47.02 0.70 0.00	57.69 0.69 0.00	65.53 1.03 0.00	53.95 0.74 0.00	45.34 0.23 0.00	42.34 0.00 0.00	39.50 -0.16 0.00	39.43 -0.12 0.00	40.84 0.16 0.00	41.28 0.21 0.00	42.74 0.38 0.00	49.51 0.59 0.00	63.44 1.43 0.00	75.80 1.71 0.00	64.25 1.38 0.00	56.27 0.61 0.00	49.93 0.30 0.00	46.33 0.28 0.00	43.91 0.43 0.00
ALTAMONT_115KV_TB 2 55880	44.95 0.97 0.00	43.81 0.94 0.00	41.53 0.93 0.00	41.14 0.92 0.00	42.85 0.92 0.00	47.29 0.97 0.00	58.20 1.20 0.00	65.79 1.29 0.00	54.32 1.12 0.00	46.10 0.99 0.00	43.18 0.85 0.00	40.53 0.87 0.00	40.38 0.83 0.00	41.49 0.81 0.00	41.89 0.82 0.00	43.16 0.80 0.00	49.81 0.88 0.00	63.13 1.12 0.00	75.42 1.33 0.00	63.94 1.07 0.00	56.77 1.11 0.00	50.62 0.99 0.00	46.93 0.88 0.00	44.35 0.87 0.00
ALTONA_WT_PWR 323606	46.09 2.11 0.00	44.84 1.97 0.00	42.47 1.87 0.00	41.98 1.77 0.00	43.73 1.80 0.00	48.36 2.04 0.00	58.66 1.65 0.00	65.34 0.84 0.00	54.48 1.27 0.00	45.79 0.68 0.00	42.89 0.55 0.00	40.02 0.36 0.00	40.07 0.51 0.00	41.24 0.57 0.00	41.65 0.57 0.00	43.08 0.72 0.00	50.29 1.37 0.00	64.18 2.17 0.00	75.72 1.63 0.00	65.32 2.45 0.00	57.82 2.17 0.00	51.56 1.93 0.00	47.99 1.93 0.00	46.00 2.52 0.00
AMERICAN_REF_FUEL 24010	39.58 -4.40 0.00	38.80 -4.07 0.00	36.82 -3.77 0.00	36.43 -3.78 0.00	38.03 -3.90 0.00	42.57 -3.75 0.00	51.59 -5.42 0.00	58.25 -6.26 0.00	48.84 -4.36 0.00	41.68 -3.43 0.00	39.16 -3.18 0.00	36.61 -3.05 0.00	36.51 -3.04 0.00	37.71 -2.97 0.00	37.87 -3.20 0.00	38.93 -3.43 0.00	44.03 -4.89 0.00	55.94 -6.08 0.00	66.75 -7.34 0.00	56.71 -6.16 0.00	49.86 -5.79 0.00	44.47 -5.16 0.00	41.49 -4.56 0.00	39.74 -3.74 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.49 -1.50 0.00	41.67 -1.20 0.00	39.62 -0.97 0.00	39.21 -1.00 0.00	40.92 -1.01 0.00	45.95 -0.37 0.00	56.15 -0.85 0.00	63.15 -1.36 0.00	52.51 -0.69 0.00	44.71 -0.41 0.00	42.08 -0.25 0.00	39.34 -0.32 0.00	39.20 -0.36 0.00	40.43 -0.24 0.00	40.54 -0.54 0.00	41.77 -0.59 0.00	47.36 -1.57 0.00	60.40 -1.61 0.00	72.09 -2.00 0.00	60.80 -2.07 0.00	52.98 -2.67 0.00	47.15 -2.48 0.00	44.03 -2.03 0.00	42.00 -1.48 0.00
ARTHUR KILL_GT_1 23520	59.06 2.20 -12.88	44.97 2.10 0.00	42.59 1.99 0.00	42.18 1.97 0.00	43.90 1.97 0.00	59.04 1.99 -10.73	60.03 3.02 0.00	66.80 3.10 0.80	58.70 2.40 -3.10	58.70 2.39 -11.20	44.66 2.33 0.01	41.95 2.30 0.01	41.48 1.94 0.01	42.54 1.87 0.01	43.03 1.97 0.01	44.51 2.16 0.01	48.52 2.35 2.75	47.35 2.73 17.39	52.61 3.48 24.96	59.00 2.89 6.77	61.19 2.84 -2.70	59.19 2.48 -7.08	61.22 2.30 -12.87	60.63 2.00 -15.15
ARTHUR_KILL_2 23512	58.93 2.07 -12.88	44.84 1.97 0.00	42.47 1.87 0.00	42.06 1.85 0.00	43.77 1.84 0.00	58.91 1.85 -10.73	59.86 2.85 0.00	66.61 2.91 0.80	58.54 2.23 -3.10	58.57 2.25 -11.20	44.53 2.20 0.01	41.83 2.18 0.01	41.36 1.82 0.01	42.45 1.79 0.01	42.91 1.85 0.01	44.38 2.03 0.01	48.33 2.15 2.75	47.17 2.54 17.39	52.39 3.26 24.96	58.74 2.64 6.77	61.03 2.67 -2.70	59.04 2.33 -7.08	61.08 2.17 -12.87	60.50 1.87 -15.15
ARTHUR_KILL_3 23513	58.44 1.58 -12.88	44.41 1.54 0.00	42.10 1.50 0.00	41.70 1.49 0.00	43.40 1.47 0.00	58.44 1.39 -10.73	59.46 2.45 0.00	66.34 2.65 0.81	58.44 2.13 -3.10	58.44 2.12 -11.21	44.33 1.99 0.00	41.68 2.02 0.00	41.21 1.66 0.00	42.26 1.58 0.00	42.67 1.60 0.00	44.18 1.82 0.00	48.14 1.96 2.74	46.86 2.23 17.38	51.95 2.81 24.95	58.44 2.33 6.76	60.81 2.45 -2.71	58.85 2.13 -7.09	60.80 1.89 -12.86	60.10 1.48 -15.14

ARTHUR_KILL_COGEN 323718	59.06 2.20 -12.88	44.97 2.10 0.00	42.59 1.99 0.00	42.18 1.97 0.00	43.90 1.97 0.00	59.04 1.99 -10.73	60.03 3.02 0.00	66.80 3.10 0.80	58.70 2.40 -3.10	58.70 2.39 -11.20	44.66 2.33 0.01	41.95 2.30 0.01	41.48 1.94 0.01	42.54 1.87 0.01	43.03 1.97 0.01	44.51 2.16 0.01	48.52 2.35 2.75	47.35 2.73 17.39	52.61 3.48 24.96	59.00 2.89 6.77	61.19 2.84 -2.70	59.19 2.48 -7.08	61.22 2.30 -12.87	60.63 2.00 -15.15
ASHOKAN____ 23654	46.67 2.68 0.00	45.44 2.57 0.00	43.11 2.52 0.00	42.71 2.49 0.00	44.49 2.56 0.00	48.91 2.59 0.00	60.94 3.93 0.00	68.31 3.80 0.00	55.87 2.66 0.00	46.87 1.76 0.00	43.48 1.14 0.00	40.53 0.87 0.00	40.34 0.79 0.00	41.44 0.77 0.00	41.97 0.90 0.00	43.67 1.31 0.00	51.13 2.20 0.00	65.18 3.16 0.00	78.09 4.00 0.00	66.08 3.20 0.00	58.49 2.84 0.00	52.36 2.73 0.00	48.45 2.39 0.00	45.87 2.39 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.36 2.37 -0.01	45.19 2.31 -0.01	42.80 2.19 -0.01	42.43 2.21 -0.01	44.16 2.22 -0.01	48.60 2.27 -0.01	60.43 3.42 -0.01	67.66 3.16 0.00	55.54 2.34 0.01	47.49 2.39 0.01	44.70 2.37 0.01	41.99 2.34 0.01	41.48 1.94 0.01	42.50 1.83 0.01	42.95 1.89 0.01	44.43 2.08 0.01	51.12 2.20 0.01	64.49 2.48 0.01	77.12 3.04 0.01	65.38 2.52 0.01	58.15 2.51 0.01	51.80 2.18 0.01	48.40 2.35 0.00	45.57 2.09 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	46.41 2.42 -0.01	45.19 2.31 -0.01	42.84 2.23 -0.01	42.43 2.21 -0.01	44.16 2.22 -0.01	48.60 2.27 -0.01	60.43 3.42 -0.01	67.66 3.16 0.00	55.59 2.40 0.01	47.49 2.39 0.01	44.74 2.41 0.01	42.03 2.38 0.01	41.48 1.94 0.01	42.50 1.83 0.01	42.95 1.89 0.01	44.43 2.08 0.01	51.12 2.20 0.01	64.49 2.48 0.01	77.12 3.04 0.01	65.38 2.52 0.01	58.15 2.51 0.01	51.80 2.18 0.01	48.40 2.35 0.00	45.57 2.09 -0.01
ASTORIA_GT2_1 24094	46.31 2.33 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.28 2.77 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.57 2.09 -0.01
ASTORIA_GT2_2 24095	46.31 2.33 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.28 2.77 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.57 2.09 -0.01
ASTORIA_GT2_3 24096	46.31 2.33 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.28 2.77 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.57 2.09 -0.01
ASTORIA_GT2_4 24097	46.31 2.33 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.28 2.77 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.57 2.09 -0.01
ASTORIA_GT3_1 24098	46.31 2.33 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.28 2.77 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.57 2.09 -0.01
ASTORIA_GT3_2 24099	46.31 2.33 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.28 2.77 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.57 2.09 -0.01
ASTORIA_GT3_3 24100	46.31 2.33 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.28 2.77 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.57 2.09 -0.01
ASTORIA_GT3_4 24101	46.31 2.33 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.28 2.77 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.57 2.09 -0.01
ASTORIA_GT4_1 24102	46.31 2.33 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.28 2.77 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.57 2.09 -0.01
ASTORIA_GT4_2 24103	46.31 2.33 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.28 2.77 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.57 2.09 -0.01
ASTORIA_GT4_3 24104	46.31 2.33 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.28 2.77 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.57 2.09 -0.01

ASTORIA_GT4_4 24105	46.31 2.33 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.28 2.77 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.57 2.09 -0.01
ASTORIA_GT_1 23523	46.45 2.46 -0.01	45.28 2.40 -0.01	42.88 2.27 -0.01	42.51 2.29 -0.01	44.24 2.30 -0.01	48.69 2.36 -0.01	60.55 3.54 -0.01	67.79 3.29 0.00	55.70 2.50 0.01	47.58 2.48 0.01	44.83 2.50 0.01	42.11 2.46 0.01	41.56 2.02 0.01	42.58 1.91 0.01	43.03 1.97 0.01	44.55 2.20 0.01	51.22 2.30 0.01	64.61 2.60 0.01	77.34 3.26 0.01	65.57 2.70 0.01	58.32 2.67 0.01	51.95 2.33 0.01	48.49 2.44 0.00	45.66 2.17 -0.01
ASTORIA_GT_10 24110	45.96 1.98 0.00	44.80 1.93 0.00	42.42 1.83 0.00	42.06 1.85 0.00	43.82 1.89 0.00	48.13 1.81 0.00	59.80 2.79 0.00	67.15 2.64 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.49 1.94 0.00	42.50 1.83 0.00	43.00 1.93 0.00	44.52 2.16 0.00	51.27 2.35 0.00	64.68 2.67 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.38 2.73 0.00	51.96 2.33 0.00	48.22 2.16 0.00	45.40 1.91 -0.01
ASTORIA_GT_11 24225	45.96 1.98 0.00	44.80 1.93 0.00	42.42 1.83 0.00	42.06 1.85 0.00	43.82 1.89 0.00	48.13 1.81 0.00	59.80 2.79 0.00	67.15 2.64 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.49 1.94 0.00	42.50 1.83 0.00	43.00 1.93 0.00	44.52 2.16 0.00	51.27 2.35 0.00	64.68 2.67 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.38 2.73 0.00	51.96 2.33 0.00	48.22 2.16 0.00	45.40 1.91 -0.01
ASTORIA_GT_12 24226	45.96 1.98 0.00	44.80 1.93 0.00	42.42 1.83 0.00	42.06 1.85 0.00	43.82 1.89 0.00	48.13 1.81 0.00	59.80 2.79 0.00	67.15 2.64 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.49 1.94 0.00	42.50 1.83 0.00	43.00 1.93 0.00	44.52 2.16 0.00	51.27 2.35 0.00	64.68 2.67 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.38 2.73 0.00	51.96 2.33 0.00	48.22 2.16 0.00	45.40 1.91 -0.01
ASTORIA_GT_13 24227	45.96 1.98 0.00	44.80 1.93 0.00	42.42 1.83 0.00	42.06 1.85 0.00	43.82 1.89 0.00	48.13 1.81 0.00	59.80 2.79 0.00	67.15 2.64 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.49 1.94 0.00	42.50 1.83 0.00	43.00 1.93 0.00	44.52 2.16 0.00	51.27 2.35 0.00	64.68 2.67 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.38 2.73 0.00	51.96 2.33 0.00	48.22 2.16 0.00	45.40 1.91 -0.01
ASTORIA_GT_5 24106	46.40 2.42 0.00	45.23 2.36 0.00	42.83 2.23 0.00	42.42 2.21 0.00	44.19 2.26 0.00	48.59 2.27 0.00	60.43 3.42 0.00	67.41 2.90 0.00	55.76 2.55 0.00	47.59 2.48 0.00	44.75 2.41 0.00	42.00 2.34 0.00	41.49 1.94 0.00	42.50 1.83 0.00	42.96 1.89 0.00	44.48 2.12 0.00	51.22 2.30 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.27 2.62 0.00	51.81 2.18 0.00	48.40 2.35 0.00	45.66 2.17 -0.01
ASTORIA_GT_7 24107	46.40 2.42 0.00	45.23 2.36 0.00	42.83 2.23 0.00	42.42 2.21 0.00	44.19 2.26 0.00	48.59 2.27 0.00	60.43 3.42 0.00	67.41 2.90 0.00	55.76 2.55 0.00	47.59 2.48 0.00	44.75 2.41 0.00	42.00 2.34 0.00	41.49 1.94 0.00	42.50 1.83 0.00	42.96 1.89 0.00	44.48 2.12 0.00	51.22 2.30 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.27 2.62 0.00	51.81 2.18 0.00	48.40 2.35 0.00	45.66 2.17 -0.01
ASTORIA_GT_8 24108	46.40 2.42 0.00	45.23 2.36 0.00	42.83 2.23 0.00	42.42 2.21 0.00	44.19 2.26 0.00	48.59 2.27 0.00	60.43 3.42 0.00	67.41 2.90 0.00	55.76 2.55 0.00	47.59 2.48 0.00	44.75 2.41 0.00	42.00 2.34 0.00	41.49 1.94 0.00	42.50 1.83 0.00	42.96 1.89 0.00	44.48 2.12 0.00	51.22 2.30 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.27 2.62 0.00	51.81 2.18 0.00	48.40 2.35 0.00	45.66 2.17 -0.01
ASTORIA___2 24149	46.41 2.42 -0.01	45.19 2.31 -0.01	42.84 2.23 -0.01	42.43 2.21 -0.01	44.16 2.22 -0.01	48.60 2.27 -0.01	60.43 3.42 -0.01	67.66 3.16 0.00	55.59 2.40 0.01	47.49 2.39 0.01	44.74 2.41 0.01	42.03 2.38 0.01	41.48 1.94 0.01	42.50 1.83 0.01	42.95 1.89 0.01	44.47 2.12 0.01	51.12 2.20 0.01	64.49 2.48 0.01	77.19 3.11 0.01	65.44 2.58 0.01	58.21 2.56 0.01	51.86 2.24 0.01	48.40 2.35 0.00	45.57 2.09 -0.01
ASTORIA___3 23516	46.05 2.07 0.00	44.89 2.02 0.00	42.51 1.91 0.00	42.10 1.89 0.00	43.82 1.89 0.00	48.22 1.90 0.00	59.97 2.96 0.00	67.54 3.03 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.71 2.37 0.00	42.00 2.34 0.00	41.57 2.02 0.00	42.62 1.95 0.00	43.04 1.97 0.00	44.56 2.20 0.00	51.27 2.35 0.00	64.74 2.73 0.00	77.50 3.41 0.00	65.70 2.83 0.00	58.43 2.78 0.00	52.06 2.43 0.00	48.31 2.26 0.00	45.40 1.91 -0.01
ASTORIA___4 23517	45.96 1.98 0.00	44.80 1.93 0.00	42.42 1.83 0.00	42.06 1.85 0.00	43.82 1.89 0.00	48.13 1.81 0.00	59.80 2.79 0.00	67.15 2.64 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.49 1.94 0.00	42.50 1.83 0.00	43.00 1.93 0.00	44.52 2.16 0.00	51.27 2.35 0.00	64.68 2.67 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.38 2.73 0.00	51.96 2.33 0.00	48.22 2.16 0.00	45.40 1.91 -0.01
ASTORIA___5 23518	46.05 2.07 0.00	44.89 2.02 0.00	42.51 1.91 0.00	42.10 1.89 0.00	43.82 1.89 0.00	48.22 1.90 0.00	59.97 2.96 0.00	67.54 3.03 0.00	55.65 2.45 0.00	47.50 2.39 0.00	44.71 2.37 0.00	42.00 2.34 0.00	41.57 2.02 0.00	42.62 1.95 0.00	43.04 1.97 0.00	44.56 2.20 0.00	51.27 2.35 0.00	64.74 2.73 0.00	77.50 3.41 0.00	65.70 2.83 0.00	58.43 2.78 0.00	52.06 2.43 0.00	48.31 2.26 0.00	45.40 1.91 -0.01
AST_ENERGY_2_CC3 323677	45.65 1.67 0.00	44.54 1.67 0.00	42.18 1.58 0.00	41.78 1.57 0.00	43.48 1.55 0.00	47.80 1.48 0.00	59.46 2.45 0.00	67.21 2.71 0.01	55.42 2.23 0.02	47.26 2.17 0.02	44.39 2.07 0.02	41.80 2.14 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.80 1.72 0.00	44.31 1.95 0.00	51.01 2.10 0.02	64.42 2.42 0.02	77.04 2.97 0.02	65.37 2.52 0.02	58.14 2.51 0.02	51.79 2.18 0.02	47.98 1.93 0.01	45.00 1.52 0.00
AST_ENERGY_2_CC4 323678	45.65 1.67 0.00	44.54 1.67 0.00	42.18 1.58 0.00	41.78 1.57 0.00	43.48 1.55 0.00	47.80 1.48 0.00	59.46 2.45 0.00	67.21 2.71 0.01	55.42 2.23 0.02	47.26 2.17 0.02	44.39 2.07 0.02	41.80 2.14 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.80 1.72 0.00	44.31 1.95 0.00	51.01 2.10 0.02	64.42 2.42 0.02	77.04 2.97 0.02	65.37 2.52 0.02	58.14 2.51 0.02	51.79 2.18 0.02	47.98 1.93 0.01	45.00 1.52 0.00

BARRETT_IC_5 23708	46.31 2.33 0.00	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.25 3.25 0.00	67.86 3.35 0.00	57.14 3.08 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.08 2.42 0.00	41.61 2.06 0.00	42.75 2.07 0.00	43.29 2.22 0.00	46.05 2.63 -1.07	54.62 2.89 -2.81	65.49 3.47 0.00	78.32 4.22 -0.01	66.34 3.46 -0.01	60.66 3.40 -1.62	57.06 3.03 -4.40	49.41 2.67 -0.69	45.80 2.22 -0.10
BARRETT_IC_6 23709	46.31 2.33 0.00	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.25 3.25 0.00	67.86 3.35 0.00	57.14 3.08 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.08 2.42 0.00	41.61 2.06 0.00	42.75 2.07 0.00	43.29 2.22 0.00	46.05 2.63 -1.07	54.62 2.89 -2.81	65.49 3.47 0.00	78.32 4.22 -0.01	66.34 3.46 -0.01	60.66 3.40 -1.62	57.06 3.03 -4.40	49.41 2.67 -0.69	45.80 2.22 -0.10
BARRETT_IC_7 23710	46.36 2.38 0.00	45.14 2.27 0.00	42.63 2.03 0.00	42.30 2.09 0.00	44.11 2.18 0.00	48.50 2.18 0.00	60.20 3.19 0.00	67.60 3.10 0.00	57.24 3.19 -0.85	47.68 2.57 0.00	44.75 2.41 0.00	42.00 2.34 0.00	41.57 2.02 0.00	42.71 2.03 0.00	43.25 2.18 0.00	46.01 2.58 -1.07	54.67 2.94 -2.81	65.43 3.41 0.00	78.17 4.07 0.00	66.27 3.40 0.00	60.66 3.39 -1.61	57.00 2.98 -4.39	49.37 2.63 -0.69	45.89 2.30 -0.10
BARRETT_IC_8 23711	46.31 2.33 0.00	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.25 3.25 0.00	67.86 3.35 0.00	57.14 3.08 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.08 2.42 0.00	41.61 2.06 0.00	42.75 2.07 0.00	43.29 2.22 0.00	46.05 2.63 -1.07	54.62 2.89 -2.81	65.49 3.47 0.00	78.32 4.22 -0.01	66.34 3.46 -0.01	60.66 3.40 -1.62	57.06 3.03 -4.40	49.41 2.67 -0.69	45.80 2.22 -0.10
BARRETT_IC_9 23700	46.31 2.33 0.00	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.25 3.25 0.00	67.86 3.35 0.00	57.14 3.08 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.08 2.42 0.00	41.61 2.06 0.00	42.75 2.07 0.00	43.29 2.22 0.00	46.05 2.63 -1.07	54.62 2.89 -2.81	65.49 3.47 0.00	78.32 4.22 -0.01	66.34 3.46 -0.01	60.66 3.40 -1.62	57.06 3.03 -4.40	49.41 2.67 -0.69	45.80 2.22 -0.10
BARRETT___1 23545	46.31 2.33 0.00	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.25 3.25 0.00	67.86 3.35 0.00	57.14 3.08 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.08 2.42 0.00	41.61 2.06 0.00	42.75 2.07 0.00	43.29 2.22 0.00	46.05 2.63 -1.07	54.62 2.89 -2.81	65.49 3.47 0.00	78.32 4.22 -0.01	66.34 3.46 -0.01	60.66 3.40 -1.62	57.06 3.03 -4.40	49.41 2.67 -0.69	45.80 2.22 -0.10
BARRETT___2 23546	46.31 2.33 0.00	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.25 3.25 0.00	67.86 3.35 0.00	57.14 3.08 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.08 2.42 0.00	41.61 2.06 0.00	42.75 2.07 0.00	43.29 2.22 0.00	46.05 2.63 -1.07	54.62 2.89 -2.81	65.49 3.47 0.00	78.32 4.22 -0.01	66.34 3.46 -0.01	60.66 3.40 -1.62	57.06 3.03 -4.40	49.41 2.67 -0.69	45.80 2.22 -0.10
BATAVIA__115KV_TB1 55881	41.69 -2.29 0.00	40.68 -2.19 0.00	38.61 -1.99 0.00	38.20 -2.01 0.00	39.92 -2.01 0.00	44.70 -1.62 0.00	54.44 -2.57 0.00	61.73 -2.77 0.00	50.81 -2.39 0.00	43.26 -1.85 0.00	40.81 -1.52 0.00	38.19 -1.47 0.00	38.09 -1.46 0.00	39.41 -1.26 0.00	39.59 -1.48 0.00	40.75 -1.61 0.00	46.43 -2.50 0.00	59.29 -2.73 0.00	70.83 -3.26 0.00	59.92 -2.95 0.00	52.31 -3.34 0.00	46.70 -2.93 0.00	43.66 -2.39 0.00	41.31 -2.17 0.00
BAYONEEC___CTG1 323682	45.74 1.76 0.00	44.54 1.67 0.00	42.22 1.63 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.90 1.58 0.00	59.57 2.57 0.00	66.96 2.83 0.38	55.54 2.34 0.00	47.37 2.25 0.00	44.49 2.16 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.42 1.75 0.00	42.84 1.76 0.00	44.35 1.99 0.00	49.83 2.20 1.30	56.26 2.48 8.24	65.37 3.11 11.83	62.25 2.58 3.20	58.27 2.62 0.00	51.91 2.28 0.00	48.08 2.02 0.00	45.09 1.61 0.00
BAYONEEC___CTG10 323750	45.74 1.76 0.00	44.54 1.67 0.00	42.22 1.63 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.90 1.58 0.00	59.57 2.57 0.00	66.96 2.83 0.38	55.54 2.34 0.00	47.37 2.25 0.00	44.49 2.16 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.42 1.75 0.00	42.84 1.76 0.00	44.35 1.99 0.00	49.83 2.20 1.30	56.26 2.48 8.24	65.37 3.11 11.83	62.25 2.58 3.20	58.27 2.62 0.00	51.91 2.28 0.00	48.08 2.02 0.00	45.09 1.61 0.00
BAYONEEC___CTG2 323683	45.74 1.76 0.00	44.54 1.67 0.00	42.22 1.63 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.90 1.58 0.00	59.57 2.57 0.00	66.96 2.83 0.38	55.54 2.34 0.00	47.37 2.25 0.00	44.49 2.16 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.42 1.75 0.00	42.84 1.76 0.00	44.35 1.99 0.00	49.83 2.20 1.30	56.26 2.48 8.24	65.37 3.11 11.83	62.25 2.58 3.20	58.27 2.62 0.00	51.91 2.28 0.00	48.08 2.02 0.00	45.09 1.61 0.00
BAYONEEC___CTG3 323684	45.74 1.76 0.00	44.54 1.67 0.00	42.22 1.63 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.90 1.58 0.00	59.57 2.57 0.00	66.96 2.83 0.38	55.54 2.34 0.00	47.37 2.25 0.00	44.49 2.16 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.42 1.75 0.00	42.84 1.76 0.00	44.35 1.99 0.00	49.83 2.20 1.30	56.26 2.48 8.24	65.37 3.11 11.83	62.25 2.58 3.20	58.27 2.62 0.00	51.91 2.28 0.00	48.08 2.02 0.00	45.09 1.61 0.00
BAYONEEC___CTG4 323685	45.74 1.76 0.00	44.54 1.67 0.00	42.22 1.63 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.90 1.58 0.00	59.57 2.57 0.00	66.96 2.83 0.38	55.54 2.34 0.00	47.37 2.25 0.00	44.49 2.16 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.42 1.75 0.00	42.84 1.76 0.00	44.35 1.99 0.00	49.83 2.20 1.30	56.26 2.48 8.24	65.37 3.11 11.83	62.25 2.58 3.20	58.27 2.62 0.00	51.91 2.28 0.00	48.08 2.02 0.00	45.09 1.61 0.00
BAYONEEC___CTG5 323686	45.74 1.76 0.00	44.54 1.67 0.00	42.22 1.63 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.90 1.58 0.00	59.57 2.57 0.00	66.96 2.83 0.38	55.54 2.34 0.00	47.37 2.25 0.00	44.49 2.16 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.42 1.75 0.00	42.84 1.76 0.00	44.35 1.99 0.00	49.83 2.20 1.30	56.26 2.48 8.24	65.37 3.11 11.83	62.25 2.58 3.20	58.27 2.62 0.00	51.91 2.28 0.00	48.08 2.02 0.00	45.09 1.61 0.00
BAYONEEC___CTG6 323687	45.74 1.76 0.00	44.54 1.67 0.00	42.22 1.63 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.90 1.58 0.00	59.57 2.57 0.00	66.96 2.83 0.38	55.54 2.34 0.00	47.37 2.25 0.00	44.49 2.16 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.42 1.75 0.00	42.84 1.76 0.00	44.35 1.99 0.00	49.83 2.20 1.30	56.26 2.48 8.24	65.37 3.11 11.83	62.25 2.58 3.20	58.27 2.62 0.00	51.91 2.28 0.00	48.08 2.02 0.00	45.09 1.61 0.00

BAYONEEC___CTG7 323688	45.74 1.76 0.00	44.54 1.67 0.00	42.22 1.63 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.90 1.58 0.00	59.57 2.57 0.00	66.96 2.83 0.38	55.54 2.34 0.00	47.37 2.25 0.00	44.49 2.16 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.42 1.75 0.00	42.84 1.76 0.00	44.35 1.99 0.00	49.83 2.20 1.30	56.26 2.48 8.24	65.37 3.11 11.83	62.25 2.58 3.20	58.27 2.62 0.00	51.91 2.28 0.00	48.08 2.02 0.00	45.09 1.61 0.00
BAYONEEC___CTG8 323689	45.74 1.76 0.00	44.54 1.67 0.00	42.22 1.63 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.90 1.58 0.00	59.57 2.57 0.00	66.96 2.83 0.38	55.54 2.34 0.00	47.37 2.25 0.00	44.49 2.16 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.42 1.75 0.00	42.84 1.76 0.00	44.35 1.99 0.00	49.83 2.20 1.30	56.26 2.48 8.24	65.37 3.11 11.83	62.25 2.58 3.20	58.27 2.62 0.00	51.91 2.28 0.00	48.08 2.02 0.00	45.09 1.61 0.00
BAYONEEC___CTG9 323749	45.74 1.76 0.00	44.54 1.67 0.00	42.22 1.63 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.90 1.58 0.00	59.57 2.57 0.00	66.96 2.83 0.38	55.54 2.34 0.00	47.37 2.25 0.00	44.49 2.16 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.42 1.75 0.00	42.84 1.76 0.00	44.35 1.99 0.00	49.83 2.20 1.30	56.26 2.48 8.24	65.37 3.11 11.83	62.25 2.58 3.20	58.27 2.62 0.00	51.91 2.28 0.00	48.08 2.02 0.00	45.09 1.61 0.00
BEACON___LESR 323632	45.30 1.32 0.00	44.24 1.37 0.00	41.90 1.30 0.00	41.50 1.29 0.00	43.23 1.30 0.00	47.66 1.34 0.00	58.83 1.82 0.00	66.51 2.00 0.00	54.75 1.54 0.00	46.46 1.35 0.00	43.57 1.23 0.00	40.93 1.27 0.00	40.70 1.15 0.00	41.81 1.14 0.00	42.26 1.19 0.00	43.42 1.06 0.00	50.05 1.13 0.00	63.44 1.43 0.00	75.87 1.78 0.00	64.25 1.38 0.00	56.93 1.28 0.00	50.87 1.24 0.00	47.16 1.10 0.00	44.65 1.17 0.00
BEAVER RIVER___HYD 24048	45.30 1.32 0.00	44.07 1.20 0.00	41.61 1.02 0.00	41.26 1.04 0.00	42.93 1.00 0.00	47.71 1.39 0.00	59.06 2.05 0.00	67.09 2.58 0.00	55.18 1.97 0.00	46.06 0.95 0.00	43.48 1.14 0.00	40.65 0.99 0.00	41.02 1.46 0.00	42.58 1.91 0.00	43.00 1.93 0.00	44.39 2.03 0.00	50.88 1.96 0.00	64.68 2.66 0.00	77.43 3.34 0.00	65.64 2.76 0.00	57.49 1.83 0.00	51.22 1.59 0.00	47.90 1.84 0.00	45.13 1.65 0.00
BEEBEE_GT_13 23619	41.78 -2.20 0.00	40.68 -2.19 0.00	38.61 -1.99 0.00	38.20 -2.01 0.00	39.92 -2.01 0.00	44.51 -1.81 0.00	54.38 -2.62 0.00	61.80 -2.71 0.00	50.92 -2.29 0.00	43.31 -1.80 0.00	40.77 -1.57 0.00	38.15 -1.51 0.00	38.09 -1.46 0.00	39.33 -1.34 0.00	39.59 -1.48 0.00	40.75 -1.61 0.00	46.62 -2.30 0.00	59.41 -2.60 0.00	70.90 -3.19 0.00	60.11 -2.77 0.00	52.70 -2.95 0.00	47.00 -2.63 0.00	43.75 -2.30 0.00	41.31 -2.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	59.32 2.46 -12.88	45.23 2.36 0.00	42.83 2.23 0.00	42.46 2.25 0.00	44.19 2.26 0.00	59.37 2.32 -10.73	60.48 3.48 0.00	67.86 3.35 0.00	59.40 3.09 -3.10	59.30 2.98 -11.21	45.17 2.84 0.00	42.40 2.74 0.00	41.97 2.41 0.00	42.99 2.32 0.00	43.49 2.42 0.00	45.03 2.67 0.00	51.91 2.98 0.00	65.55 3.53 0.00	152.44 4.37 -73.98	149.71 3.65 -83.19	162.93 3.51 -103.77	59.65 2.93 -7.09	61.63 2.72 -12.86	61.02 2.39 -15.15
BETHLEHEM___GRP 23843	44.60 0.62 0.00	43.51 0.64 0.00	41.33 0.73 0.00	40.94 0.72 0.00	42.60 0.67 0.00	46.92 0.60 0.00	57.75 0.74 0.00	65.28 0.77 0.00	53.90 0.69 0.00	45.79 0.68 0.00	42.93 0.59 0.00	40.37 0.71 0.00	40.15 0.59 0.00	41.24 0.57 0.00	41.69 0.62 0.00	42.70 0.34 0.00	49.17 0.24 0.00	62.20 0.19 0.00	74.31 0.22 0.00	63.00 0.13 0.00	55.93 0.28 0.00	49.93 0.30 0.00	46.33 0.28 0.00	44.05 0.57 0.00
BETHLEHEM___GS1 323560	44.64 0.66 0.00	43.55 0.68 0.00	41.29 0.69 0.00	40.94 0.72 0.00	42.60 0.67 0.00	46.92 0.60 0.00	57.75 0.74 0.00	65.28 0.78 0.00	53.79 0.59 0.00	45.70 0.58 0.00	42.89 0.55 0.00	40.38 0.71 0.00	40.18 0.63 0.00	41.24 0.57 0.00	41.69 0.62 0.00	42.74 0.38 0.00	49.12 0.20 0.00	62.14 0.12 0.00	74.31 0.22 0.00	62.94 0.06 0.00	55.82 0.17 0.00	49.88 0.25 0.00	46.33 0.28 0.00	43.91 0.43 0.00
BETHLEHEM___GS2 323561	44.64 0.66 0.00	43.55 0.68 0.00	41.29 0.69 0.00	40.94 0.72 0.00	42.60 0.67 0.00	46.92 0.60 0.00	57.75 0.74 0.00	65.28 0.78 0.00	53.79 0.59 0.00	45.70 0.58 0.00	42.89 0.55 0.00	40.38 0.71 0.00	40.18 0.63 0.00	41.24 0.57 0.00	41.69 0.62 0.00	42.74 0.38 0.00	49.12 0.20 0.00	62.14 0.12 0.00	74.31 0.22 0.00	62.94 0.06 0.00	55.82 0.17 0.00	49.88 0.25 0.00	46.33 0.28 0.00	43.91 0.43 0.00
BETHLEHEM___GS3 323562	44.64 0.66 0.00	43.55 0.68 0.00	41.29 0.69 0.00	40.94 0.72 0.00	42.60 0.67 0.00	46.92 0.60 0.00	57.75 0.74 0.00	65.28 0.78 0.00	53.79 0.59 0.00	45.70 0.58 0.00	42.89 0.55 0.00	40.38 0.71 0.00	40.18 0.63 0.00	41.24 0.57 0.00	41.69 0.62 0.00	42.74 0.38 0.00	49.12 0.20 0.00	62.14 0.12 0.00	74.31 0.22 0.00	62.94 0.06 0.00	55.82 0.17 0.00	49.88 0.25 0.00	46.33 0.28 0.00	43.91 0.43 0.00
BETHLEHEM___STEEL 23779	41.56 -2.42 0.00	40.60 -2.27 0.00	38.53 -2.07 0.00	38.12 -2.09 0.00	39.79 -2.14 0.00	44.56 -1.76 0.00	54.27 -2.74 0.00	61.02 -3.48 0.00	50.33 -2.87 0.00	43.04 -2.08 0.00	40.73 -1.61 0.00	38.15 -1.51 0.00	38.09 -1.46 0.00	39.29 -1.38 0.00	39.43 -1.64 0.00	40.62 -1.74 0.00	45.99 -2.94 0.00	58.60 -3.41 0.00	70.16 -3.93 0.00	59.35 -3.52 0.00	51.70 -3.95 0.00	46.20 -3.42 0.00	43.24 -2.81 0.00	41.05 -2.43 0.00
BETHLHEM_115KV_TB1 79974	44.64 0.66 0.00	43.56 0.69 0.00	41.37 0.77 0.00	40.98 0.76 0.00	42.64 0.71 0.00	46.97 0.65 0.00	57.80 0.80 0.00	65.34 0.84 0.00	54.00 0.80 0.00	45.83 0.72 0.00	42.97 0.64 0.00	40.41 0.75 0.00	40.19 0.63 0.00	41.28 0.61 0.00	41.73 0.66 0.00	42.78 0.42 0.00	49.27 0.34 0.00	62.39 0.37 0.00	74.54 0.44 0.00	63.19 0.31 0.00	56.10 0.45 0.00	50.08 0.45 0.00	46.47 0.41 0.00	44.09 0.61 0.00
BETHPAGE_CC_5 323564	46.27 2.29 0.00	45.06 2.19 0.00	42.59 1.99 0.00	42.26 2.05 0.00	44.07 2.14 0.00	48.50 2.18 0.00	60.08 3.08 0.00	67.54 3.03 0.00	57.14 3.08 -0.85	47.55 2.43 0.00	44.75 2.41 0.00	42.04 2.38 0.00	41.57 2.02 0.00	42.75 2.07 0.00	43.33 2.26 0.00	46.14 2.71 -1.07	54.52 2.79 -2.81	65.30 3.28 0.00	78.02 3.92 0.00	65.95 3.08 0.00	60.49 3.23 -1.61	56.85 2.83 -4.39	49.41 2.67 -0.69	45.89 2.30 -0.10
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.69 -2.29 0.00	40.73 -2.14 0.00	38.65 -1.95 0.00	38.24 -1.97 0.00	39.92 -2.01 0.00	44.70 -1.62 0.00	54.44 -2.57 0.00	61.28 -3.23 0.00	50.55 -2.66 0.00	43.22 -1.89 0.00	40.85 -1.48 0.00	38.31 -1.35 0.00	38.21 -1.34 0.00	39.45 -1.22 0.00	39.55 -1.52 0.00	40.79 -1.57 0.00	46.18 -2.74 0.00	58.85 -3.16 0.00	70.46 -3.63 0.00	59.60 -3.27 0.00	51.87 -3.78 0.00	46.35 -3.28 0.00	43.38 -2.67 0.00	41.18 -2.30 0.00

BINGHAMTON___COGEN 23790	43.67 -0.31 0.00	42.57 -0.30 0.00	40.35 -0.24 0.00	39.97 -0.24 0.00	41.72 -0.21 0.00	46.32 0.00 0.00	57.06 0.06 0.00	64.44 -0.06 0.00	53.05 -0.16 0.00	44.98 -0.14 0.00	42.25 -0.08 0.00	39.54 -0.12 0.00	39.47 -0.08 0.00	40.63 -0.04 0.00	40.95 -0.12 0.00	42.23 -0.13 0.00	48.68 -0.24 0.00	61.83 -0.19 0.00	73.94 -0.15 0.00	62.75 -0.13 0.00	55.26 -0.39 0.00	49.18 -0.45 0.00	45.69 -0.37 0.00	43.18 -0.30 0.00
BIXINCNT_115KV_LOAD 355685	42.40 -1.58 0.00	41.50 -1.37 0.00	39.54 -1.06 0.00	39.13 -1.09 0.00	40.84 -1.09 0.00	45.72 -0.60 0.00	56.04 -0.97 0.00	62.89 -1.61 0.00	51.82 -1.38 0.00	44.30 -0.81 0.00	41.83 -0.51 0.00	39.15 -0.52 0.00	39.04 -0.51 0.00	40.39 -0.28 0.00	40.50 -0.57 0.00	41.81 -0.55 0.00	47.31 -1.61 0.00	60.40 -1.61 0.00	72.31 -1.78 0.00	61.05 -1.82 0.00	52.81 -2.84 0.00	47.00 -2.63 0.00	44.03 -2.03 0.00	41.83 -1.65 0.00
BLACK RIVER___HYD 24047	46.18 2.20 0.00	44.89 2.02 0.00	42.34 1.74 0.00	42.02 1.81 0.00	43.77 1.84 0.00	48.82 2.50 0.00	60.54 3.54 0.00	68.89 4.39 0.00	56.51 3.30 0.00	46.87 1.76 0.00	44.37 2.03 0.00	41.36 1.70 0.00	41.65 2.09 0.00	43.28 2.61 0.00	43.70 2.63 0.00	45.15 2.79 0.00	51.37 2.45 0.00	65.55 3.53 0.00	78.61 4.52 0.00	66.58 3.71 0.00	58.32 2.67 0.00	51.81 2.18 0.00	48.26 2.21 0.00	45.44 1.96 0.00
BLACKRVR_115KV_TB2 79977	46.18 2.20 0.00	44.89 2.01 0.00	42.34 1.75 0.00	42.02 1.81 0.00	43.78 1.84 0.00	48.82 2.50 0.00	60.54 3.53 0.00	68.96 4.45 0.00	56.45 3.25 0.00	46.87 1.76 0.00	44.37 2.03 0.00	41.37 1.71 0.00	41.65 2.10 0.00	43.28 2.60 0.00	43.70 2.63 0.00	45.15 2.80 0.00	51.32 2.40 0.00	65.49 3.47 0.00	78.54 4.45 0.00	66.58 3.71 0.00	58.27 2.62 0.00	51.81 2.18 0.00	48.26 2.21 0.00	45.39 1.91 0.00
BLISS_WT_PWR 323608	42.14 -1.85 0.00	41.41 -1.46 0.00	39.50 -1.09 0.00	39.09 -1.13 0.00	40.84 -1.09 0.00	45.67 -0.65 0.00	56.04 -0.97 0.00	62.89 -1.61 0.00	52.41 -0.80 0.00	44.66 -0.45 0.00	42.00 -0.34 0.00	39.19 -0.47 0.00	39.04 -0.52 0.00	40.43 -0.24 0.00	40.62 -0.45 0.00	41.85 -0.51 0.00	47.50 -1.42 0.00	60.59 -1.42 0.00	72.39 -1.70 0.00	61.24 -1.64 0.00	53.09 -2.56 0.00	47.10 -2.53 0.00	44.03 -2.03 0.00	42.09 -1.39 0.00
BLUESTONE___WT_PWR 323821	46.14 2.15 0.00	44.93 2.06 0.00	42.51 1.91 0.00	42.14 1.93 0.00	43.94 2.01 0.00	49.10 2.78 0.00	60.83 3.82 0.00	68.83 4.32 0.00	56.45 3.25 0.00	47.28 2.17 0.00	44.41 2.07 0.00	41.45 1.79 0.00	41.41 1.86 0.00	42.83 2.15 0.00	43.16 2.09 0.00	44.52 2.16 0.00	51.71 2.79 0.00	66.11 4.09 0.00	79.35 5.26 0.00	67.21 4.33 0.00	59.05 3.40 0.00	52.31 2.68 0.00	48.49 2.44 0.00	45.74 2.26 0.00
BLUE_CIRC_CHEM_DRP 24182	45.13 1.14 0.00	44.03 1.16 0.00	41.73 1.14 0.00	41.34 1.13 0.00	43.06 1.13 0.00	47.48 1.16 0.00	58.37 1.37 0.00	65.92 1.42 0.00	54.38 1.17 0.00	46.10 0.99 0.00	43.14 0.80 0.00	40.49 0.83 0.00	40.30 0.75 0.00	41.45 0.77 0.00	41.89 0.82 0.00	43.08 0.72 0.00	49.81 0.88 0.00	63.13 1.12 0.00	75.50 1.41 0.00	64.00 1.13 0.00	56.77 1.11 0.00	50.67 1.04 0.00	47.02 0.97 0.00	44.52 1.04 0.00
BOC_GAS_DRP 24189	44.77 0.79 0.00	43.64 0.77 0.00	41.37 0.77 0.00	40.98 0.76 0.00	42.69 0.75 0.00	47.06 0.74 0.00	57.92 0.91 0.00	65.47 0.97 0.00	54.11 0.90 0.00	45.97 0.86 0.00	43.10 0.76 0.00	40.45 0.79 0.00	40.26 0.71 0.00	41.36 0.69 0.00	41.77 0.70 0.00	42.99 0.64 0.00	49.61 0.68 0.00	62.82 0.81 0.00	75.05 0.96 0.00	63.63 0.75 0.00	56.49 0.83 0.00	50.37 0.74 0.00	46.74 0.69 0.00	44.18 0.70 0.00
BOONVILLE_115KV_TB1 79983	45.04 1.06 0.00	43.86 0.99 0.00	41.45 0.85 0.00	41.10 0.88 0.00	42.85 0.92 0.00	47.57 1.25 0.00	58.83 1.82 0.00	66.89 2.39 0.00	55.07 1.86 0.00	46.19 1.08 0.00	43.52 1.19 0.00	40.69 1.03 0.00	40.86 1.31 0.00	42.22 1.55 0.00	42.63 1.56 0.00	43.97 1.61 0.00	50.59 1.66 0.00	64.37 2.36 0.00	77.05 2.96 0.00	65.32 2.45 0.00	57.38 1.73 0.00	51.07 1.44 0.00	47.57 1.52 0.00	44.83 1.35 0.00
BORALEX_4TH_BRANCH 23824	46.31 2.33 0.00	45.27 2.40 0.00	42.79 2.19 0.00	42.34 2.13 0.00	44.28 2.35 0.00	48.78 2.45 0.00	59.63 2.62 0.00	67.60 3.10 0.00	55.92 2.71 0.00	47.55 2.44 0.00	44.37 2.03 0.00	41.68 2.02 0.00	41.45 1.90 0.00	42.50 1.83 0.00	42.96 1.89 0.00	44.39 2.03 0.00	51.37 2.45 0.00	65.12 3.10 0.00	77.65 3.56 0.00	65.89 3.02 0.00	58.66 3.01 0.00	52.36 2.73 0.00	48.40 2.35 0.00	45.57 2.09 0.00
BOWLINE___1 23526	45.35 1.36 0.00	44.12 1.24 0.00	41.86 1.26 0.00	41.50 1.29 0.00	43.19 1.26 0.00	47.43 1.11 0.00	58.71 1.71 0.00	66.31 1.80 0.00	54.69 1.49 0.00	46.69 1.58 0.00	43.90 1.57 0.00	41.21 1.55 0.00	40.86 1.30 0.00	41.89 1.22 0.00	42.34 1.27 0.00	43.84 1.48 0.00	50.34 1.42 0.00	63.57 1.55 0.00	76.01 1.92 0.00	64.50 1.63 0.00	57.32 1.67 0.00	51.12 1.49 0.00	47.39 1.34 0.00	44.57 1.09 0.00
BOWLINE___2 23595	45.30 1.32 0.00	44.12 1.24 0.00	41.86 1.26 0.00	41.46 1.25 0.00	43.19 1.26 0.00	47.43 1.11 0.00	58.66 1.65 0.00	66.31 1.80 0.00	54.69 1.49 0.00	46.69 1.58 0.00	43.90 1.57 0.00	41.21 1.55 0.00	40.86 1.30 0.00	41.89 1.22 0.00	42.34 1.27 0.00	43.80 1.44 0.00	50.34 1.42 0.00	63.57 1.55 0.00	76.01 1.92 0.00	64.50 1.63 0.00	57.32 1.67 0.00	51.17 1.54 0.00	47.39 1.34 0.00	44.57 1.09 0.00
BRADY___115KV_TB2 356060	45.79 1.80 0.00	44.59 1.71 0.00	42.18 1.58 0.00	41.78 1.57 0.00	43.48 1.55 0.00	47.99 1.67 0.00	59.00 2.00 0.00	66.76 2.26 0.00	54.75 1.54 0.00	45.97 0.86 0.00	43.27 0.93 0.00	40.53 0.87 0.00	40.66 1.11 0.00	41.97 1.30 0.00	42.43 1.36 0.00	43.76 1.40 0.00	50.73 1.81 0.00	64.31 2.29 0.00	76.76 2.67 0.00	65.20 2.33 0.00	57.71 2.06 0.00	51.56 1.94 0.00	48.03 1.98 0.00	45.44 1.96 0.00
BRANSCOMB___SOLAR 323811	46.93 2.95 0.00	45.74 2.87 0.00	43.23 2.64 0.00	42.82 2.61 0.00	44.70 2.77 0.00	48.82 2.50 0.00	60.08 3.08 0.00	67.92 3.42 0.00	55.76 2.55 0.00	47.32 2.21 0.00	44.11 1.78 0.00	41.33 1.67 0.00	41.09 1.54 0.00	42.26 1.58 0.00	42.75 1.68 0.00	44.22 1.86 0.00	51.27 2.35 0.00	65.30 3.28 0.00	78.16 4.07 0.00	66.08 3.20 0.00	58.60 2.95 0.00	52.31 2.68 0.00	48.40 2.35 0.00	46.27 2.79 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	46.80 2.81 0.00	45.61 2.74 0.00	42.91 2.31 0.00	42.58 2.37 0.00	44.53 2.60 0.00	48.87 2.55 0.00	60.54 3.53 0.00	67.92 3.42 0.00	57.88 3.83 -0.85	47.95 2.84 0.00	45.05 2.71 0.00	42.16 2.50 0.00	41.73 2.18 0.00	42.95 2.28 0.00	43.58 2.51 0.00	46.47 3.05 -1.07	55.16 3.42 -2.81	66.05 4.03 0.00	78.61 4.52 0.00	66.58 3.71 0.00	61.16 3.90 -1.61	57.50 3.47 -4.39	49.83 3.09 -0.69	46.32 2.74 -0.10

BRISTLHL_115KV_TB1 79998	43.85 -0.13 0.00	42.70 -0.17 0.00	40.43 -0.16 0.00	40.09 -0.12 0.00	41.85 -0.08 0.00	46.51 0.19 0.00	57.35 0.34 0.00	65.09 0.58 0.00	53.53 0.32 0.00	45.16 0.05 0.00	42.59 0.25 0.00	39.74 0.08 0.00	39.71 0.16 0.00	40.92 0.24 0.00	41.32 0.25 0.00	42.61 0.25 0.00	48.88 -0.05 0.00	62.08 0.06 0.00	74.24 0.15 0.00	63.00 0.13 0.00	55.49 -0.17 0.00	49.43 -0.20 0.00	45.92 -0.14 0.00	43.26 -0.22 0.00
BROOKHAVEN___DRP 24191	46.53 2.55 0.00	45.49 2.62 0.00	42.63 2.03 0.00	42.34 2.13 0.00	44.36 2.43 0.00	48.45 2.13 0.00	60.03 3.02 0.00	67.47 2.97 0.00	57.62 3.56 -0.85	47.64 2.53 0.00	44.75 2.41 0.00	41.88 2.22 0.00	41.41 1.86 0.00	42.62 1.95 0.00	43.25 2.18 0.00	46.22 2.80 -1.07	54.96 3.23 -2.81	65.80 3.78 0.00	78.17 4.07 0.00	66.20 3.33 0.00	61.04 3.78 -1.61	57.35 3.33 -4.39	49.51 2.76 -0.69	46.02 2.43 -0.10
BROOKLYN_NAVY_YARD 23515	45.70 1.71 0.00	44.50 1.63 0.00	42.18 1.58 0.00	41.78 1.57 0.00	43.48 1.55 0.00	47.85 1.53 0.00	59.57 2.57 0.00	67.34 2.83 0.00	55.60 2.40 0.00	47.46 2.34 0.00	44.58 2.24 0.00	41.88 2.22 0.00	41.45 1.90 0.00	42.46 1.79 0.00	42.92 1.85 0.00	44.43 2.08 0.00	51.22 2.30 0.00	64.62 2.60 0.00	77.35 3.26 0.00	65.57 2.70 0.00	58.32 2.67 0.00	51.96 2.33 0.00	48.08 2.02 0.00	45.04 1.56 0.00
BROOKLYN___ARMY_DRP 323595	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
BROOKVLE_69_KV_TB1 55790	46.62 2.64 0.00	45.40 2.53 0.00	42.83 2.23 0.00	42.50 2.29 0.00	44.32 2.39 0.00	48.78 2.45 0.00	60.54 3.53 0.00	67.99 3.48 0.00	57.56 3.51 -0.85	47.91 2.80 0.00	45.00 2.67 0.00	42.24 2.58 0.00	41.81 2.25 0.00	42.95 2.28 0.00	43.49 2.42 0.00	46.31 2.88 -1.07	54.96 3.23 -2.81	65.55 3.53 0.00	78.31 4.22 0.00	66.33 3.46 0.00	61.04 3.78 -1.61	57.30 3.28 -4.39	49.65 2.90 -0.69	46.15 2.57 -0.10
BROOME_2_LFGE 323671	43.63 -0.35 0.00	42.57 -0.30 0.00	40.35 -0.24 0.00	39.97 -0.24 0.00	41.72 -0.21 0.00	46.32 0.00 0.00	57.06 0.06 0.00	64.50 0.00 0.00	53.15 -0.05 0.00	45.07 -0.05 0.00	42.29 -0.04 0.00	39.54 -0.12 0.00	39.47 -0.08 0.00	40.63 -0.04 0.00	40.95 -0.12 0.00	42.23 -0.13 0.00	48.68 -0.24 0.00	61.83 -0.19 0.00	74.02 -0.07 0.00	62.81 -0.06 0.00	55.32 -0.33 0.00	49.23 -0.40 0.00	45.73 -0.32 0.00	43.26 -0.22 0.00
BROOME___LFGE 323600	43.63 -0.35 0.00	42.57 -0.30 0.00	40.35 -0.24 0.00	39.97 -0.24 0.00	41.72 -0.21 0.00	46.32 0.00 0.00	57.06 0.06 0.00	64.50 0.00 0.00	53.15 -0.05 0.00	45.07 -0.05 0.00	42.29 -0.04 0.00	39.54 -0.12 0.00	39.47 -0.08 0.00	40.63 -0.04 0.00	40.95 -0.12 0.00	42.23 -0.13 0.00	48.68 -0.24 0.00	61.83 -0.19 0.00	74.02 -0.07 0.00	62.81 -0.06 0.00	55.32 -0.33 0.00	49.23 -0.40 0.00	45.73 -0.32 0.00	43.26 -0.22 0.00
BROWNFLS_115KV_TB_3_5 80003	45.35 1.36 0.00	44.11 1.24 0.00	41.65 1.06 0.00	41.30 1.09 0.00	42.89 0.96 0.00	47.43 1.11 0.00	58.49 1.48 0.00	66.31 1.81 0.00	54.43 1.22 0.00	45.56 0.45 0.00	43.01 0.68 0.00	40.30 0.63 0.00	40.66 1.11 0.00	42.14 1.46 0.00	42.55 1.48 0.00	43.93 1.57 0.00	50.49 1.57 0.00	64.00 1.98 0.00	76.39 2.30 0.00	64.82 1.95 0.00	57.10 1.45 0.00	51.07 1.44 0.00	47.76 1.70 0.00	45.05 1.57 0.00
BROWNSV1_27_KV_LOAD 356125	46.00 2.02 0.00	44.84 1.97 0.00	42.46 1.87 0.00	42.10 1.89 0.00	43.82 1.89 0.00	48.22 1.90 0.00	59.97 2.96 0.00	67.54 3.03 0.00	56.08 2.87 0.00	47.77 2.66 0.00	44.88 2.54 0.00	42.12 2.46 0.00	41.69 2.14 0.00	42.71 2.03 0.00	43.16 2.09 0.00	44.73 2.37 0.00	51.57 2.64 0.00	65.18 3.16 0.00	77.94 3.85 0.00	66.08 3.21 0.00	58.83 3.17 0.00	52.36 2.73 0.00	48.40 2.35 0.00	45.48 2.00 0.00
BURROWS___LYONSDAL 23803	45.04 1.06 0.00	43.81 0.94 0.00	41.41 0.81 0.00	41.06 0.84 0.00	42.77 0.84 0.00	47.52 1.20 0.00	58.77 1.77 0.00	66.83 2.32 0.00	55.01 1.81 0.00	46.10 0.99 0.00	43.44 1.10 0.00	40.65 0.99 0.00	40.90 1.34 0.00	42.30 1.63 0.00	42.71 1.64 0.00	44.05 1.69 0.00	50.69 1.76 0.00	64.43 2.42 0.00	77.20 3.11 0.00	65.45 2.58 0.00	57.38 1.73 0.00	51.07 1.44 0.00	47.67 1.61 0.00	44.91 1.43 0.00
CAITHNESS_CC_1 323624	46.36 2.37 0.00	45.14 2.27 0.00	42.67 2.07 0.00	42.34 2.13 0.00	44.32 2.39 0.00	48.50 2.18 0.00	60.03 3.02 0.00	67.54 3.03 0.00	57.46 3.41 -0.85	47.55 2.43 0.00	44.71 2.37 0.00	41.96 2.30 0.00	41.41 1.86 0.00	42.62 1.95 0.00	43.25 2.18 0.00	46.18 2.75 -1.07	54.87 3.13 -2.81	65.99 3.97 0.00	78.69 4.60 0.00	66.27 3.39 0.00	60.99 3.73 -1.61	57.25 3.22 -4.39	49.51 2.76 -0.69	45.84 2.26 -0.10
CALPINE BETH_PAGE_GT4 24209	46.31 2.33 0.00	45.10 2.23 0.00	42.55 1.95 0.00	42.18 1.97 0.00	44.03 2.10 0.00	48.40 2.08 0.00	60.03 3.02 0.00	67.34 2.84 0.00	57.14 3.09 -0.85	47.59 2.48 0.00	44.79 2.46 0.00	42.04 2.38 0.00	41.61 2.06 0.00	42.75 2.07 0.00	43.33 2.26 0.00	46.18 2.75 -1.07	54.52 2.79 -2.81	65.05 3.04 0.00	77.65 3.56 0.00	65.76 2.89 0.00	60.38 3.12 -1.61	56.75 2.73 -4.39	49.32 2.58 -0.69	45.93 2.35 -0.10
CALPINE_BETH_PAGE_GT_4 323586	46.22 2.24 0.00	45.01 2.14 0.00	42.59 1.99 0.00	42.22 2.01 0.00	44.07 2.14 0.00	48.45 2.13 0.00	60.08 3.08 0.00	67.54 3.03 0.00	57.08 3.03 -0.85	47.59 2.48 0.00	44.83 2.50 0.00	42.12 2.46 0.00	41.65 2.09 0.00	42.83 2.15 0.00	43.37 2.30 0.00	46.22 2.79 -1.07	54.47 2.74 -2.81	65.18 3.16 0.00	77.94 3.85 0.00	65.89 3.02 0.00	60.38 3.11 -1.61	56.75 2.73 -4.39	49.37 2.62 -0.69	45.84 2.26 -0.10
CALPINE_BP_GT1 23823	46.22 2.24 0.00	45.01 2.14 0.00	42.59 1.99 0.00	42.22 2.01 0.00	44.07 2.14 0.00	48.45 2.13 0.00	60.08 3.08 0.00	67.54 3.03 0.00	57.08 3.03 -0.85	47.59 2.48 0.00	44.83 2.50 0.00	42.12 2.46 0.00	41.65 2.09 0.00	42.83 2.15 0.00	43.37 2.30 0.00	46.22 2.79 -1.07	54.47 2.74 -2.81	65.18 3.16 0.00	77.94 3.85 0.00	65.89 3.02 0.00	60.38 3.11 -1.61	56.75 2.73 -4.39	49.37 2.62 -0.69	45.84 2.26 -0.10
CALSPAN___DRP 24200	41.56 -2.42 0.00	40.60 -2.27 0.00	38.53 -2.07 0.00	38.12 -2.09 0.00	39.79 -2.14 0.00	44.56 -1.76 0.00	54.27 -2.74 0.00	61.02 -3.48 0.00	50.33 -2.87 0.00	43.04 -2.08 0.00	40.73 -1.61 0.00	38.15 -1.51 0.00	38.09 -1.46 0.00	39.29 -1.38 0.00	39.43 -1.64 0.00	40.62 -1.74 0.00	45.99 -2.94 0.00	58.60 -3.41 0.00	70.16 -3.93 0.00	59.35 -3.52 0.00	51.70 -3.95 0.00	46.20 -3.42 0.00	43.24 -2.81 0.00	41.05 -2.43 0.00

CALVERTON___SOLAR 323806	46.44 2.46 0.00	45.23 2.36 0.00	42.75 2.15 0.00	42.42 2.21 0.00	44.45 2.52 0.00	48.54 2.22 0.00	60.14 3.13 0.00	67.73 3.22 0.00	57.67 3.62 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.00 2.34 0.00	41.45 1.90 0.00	42.67 1.99 0.00	43.29 2.22 0.00	46.26 2.84 -1.07	54.96 3.23 -2.81	66.17 4.16 0.00	79.06 4.96 0.00	66.52 3.65 0.00	61.21 3.95 -1.61	57.44 3.42 -4.39	49.65 2.90 -0.69	45.97 2.39 -0.10
CANDIGU_WT_PWR 323617	42.40 -1.58 0.00	41.41 -1.46 0.00	39.38 -1.22 0.00	38.96 -1.25 0.00	40.71 -1.22 0.00	45.49 -0.83 0.00	55.81 -1.20 0.00	62.96 -1.55 0.00	51.82 -1.38 0.00	43.99 -1.13 0.00	41.32 -1.02 0.00	38.67 -0.99 0.00	38.60 -0.95 0.00	39.86 -0.81 0.00	40.17 -0.90 0.00	41.47 -0.89 0.00	47.61 -1.32 0.00	60.59 -1.42 0.00	72.53 -1.56 0.00	61.43 -1.44 0.00	53.82 -1.84 0.00	47.79 -1.84 0.00	44.44 -1.61 0.00	42.22 -1.26 0.00
CARR STREET_E_SYR 24060	42.88 -1.10 0.00	41.80 -1.07 0.00	39.62 -0.97 0.00	39.25 -0.97 0.00	40.97 -0.96 0.00	45.44 -0.88 0.00	55.92 -1.08 0.00	63.47 -1.03 0.00	52.35 -0.85 0.00	44.35 -0.77 0.00	41.66 -0.68 0.00	38.95 -0.71 0.00	38.84 -0.71 0.00	39.98 -0.69 0.00	40.33 -0.74 0.00	41.60 -0.76 0.00	47.95 -0.98 0.00	60.71 -1.31 0.00	72.53 -1.56 0.00	61.55 -1.32 0.00	54.38 -1.28 0.00	48.54 -1.09 0.00	45.04 -1.01 0.00	42.52 -0.96 0.00
CARTHAGE___PAPER 23857	45.70 1.71 0.00	44.41 1.54 0.00	41.90 1.30 0.00	41.58 1.37 0.00	43.27 1.34 0.00	48.17 1.85 0.00	59.69 2.68 0.00	67.92 3.42 0.00	55.76 2.55 0.00	46.42 1.31 0.00	43.86 1.52 0.00	40.93 1.27 0.00	41.29 1.74 0.00	42.91 2.24 0.00	43.29 2.22 0.00	44.73 2.37 0.00	51.13 2.20 0.00	65.11 3.10 0.00	78.01 3.92 0.00	66.14 3.27 0.00	57.94 2.28 0.00	51.51 1.89 0.00	48.08 2.02 0.00	45.26 1.78 0.00
CASSADAGA_WT_PWR 323784	43.01 -0.97 0.00	42.18 -0.69 0.00	40.11 -0.49 0.00	39.65 -0.56 0.00	41.38 -0.55 0.00	46.51 0.19 0.00	56.95 -0.06 0.00	63.99 -0.52 0.00	53.15 -0.05 0.00	45.25 0.14 0.00	42.59 0.26 0.00	39.82 0.16 0.00	39.67 0.12 0.00	40.92 0.25 0.00	40.99 -0.08 0.00	42.23 -0.13 0.00	47.89 -1.03 0.00	61.15 -0.87 0.00	73.05 -1.04 0.00	61.49 -1.38 0.00	53.54 -2.11 0.00	47.69 -1.94 0.00	44.53 -1.52 0.00	42.52 -0.96 0.00
CE_DUNWOOD___DRP 24194	45.61 1.63 0.00	44.46 1.59 0.00	42.10 1.50 0.00	41.74 1.53 0.00	43.48 1.55 0.00	47.80 1.48 0.00	59.29 2.28 0.00	66.83 2.32 0.00	55.39 2.18 0.00	47.19 2.08 0.00	44.28 1.95 0.00	41.52 1.86 0.00	41.17 1.62 0.00	42.18 1.50 0.00	42.67 1.60 0.00	44.18 1.82 0.00	50.93 2.01 0.00	64.31 2.29 0.00	76.91 2.82 0.00	65.26 2.39 0.00	58.05 2.39 0.00	51.66 2.03 0.00	47.80 1.75 0.00	45.00 1.52 0.00
CE_MILLWOOD___DRP 24193	45.52 1.54 0.00	44.37 1.50 0.00	42.02 1.42 0.00	41.66 1.45 0.00	43.40 1.47 0.00	47.71 1.39 0.00	59.12 2.11 0.00	66.63 2.13 0.00	55.28 2.08 0.00	47.05 1.94 0.00	44.11 1.78 0.00	41.41 1.75 0.00	41.06 1.50 0.00	42.10 1.42 0.00	42.55 1.48 0.00	44.05 1.69 0.00	50.78 1.86 0.00	64.12 2.11 0.00	76.68 2.59 0.00	65.07 2.20 0.00	57.88 2.23 0.00	51.56 1.94 0.00	47.71 1.66 0.00	44.87 1.39 0.00
CE_NYC2_DRP 24202	45.96 1.98 0.00	44.80 1.93 0.00	42.42 1.83 0.00	42.06 1.85 0.00	43.78 1.84 0.00	48.13 1.81 0.00	59.86 2.85 0.00	67.21 2.71 0.00	55.71 2.50 0.00	47.55 2.44 0.00	44.67 2.33 0.00	41.96 2.30 0.00	41.53 1.98 0.00	42.54 1.87 0.00	43.00 1.93 0.00	44.52 2.16 0.00	51.32 2.40 0.00	64.74 2.73 0.00	77.50 3.41 0.00	65.70 2.83 0.00	58.44 2.78 0.00	51.96 2.33 0.00	48.22 2.16 0.00	45.40 1.91 -0.01
CE_NYC_DRP 24195	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.57 2.57 0.00	67.08 2.58 0.00	55.65 2.45 0.00	47.46 2.35 0.00	44.54 2.20 0.00	41.84 2.18 0.00	41.41 1.86 0.00	42.38 1.71 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.22 2.30 0.00	64.68 2.67 0.00	77.35 3.26 0.00	65.57 2.70 0.00	58.32 2.67 0.00	51.96 2.33 0.00	48.03 1.98 0.00	45.18 1.70 0.00
CHAFFEE___LFGE 323603	41.69 -2.29 0.00	40.86 -2.01 0.00	38.81 -1.79 0.00	38.36 -1.85 0.00	40.04 -1.89 0.00	44.84 -1.48 0.00	54.67 -2.34 0.00	61.47 -3.03 0.00	51.24 -1.97 0.00	43.67 -1.45 0.00	41.07 -1.27 0.00	38.39 -1.27 0.00	38.29 -1.27 0.00	39.53 -1.14 0.00	39.67 -1.40 0.00	40.87 -1.48 0.00	46.38 -2.55 0.00	59.10 -2.91 0.00	70.68 -3.41 0.00	59.98 -2.89 0.00	52.48 -3.17 0.00	46.75 -2.88 0.00	43.66 -2.40 0.00	41.78 -1.70 0.00
CHATEAUG_35_KV_LOAD 355732	45.26 1.28 0.00	44.07 1.20 0.00	41.73 1.14 0.00	41.26 1.05 0.00	42.98 1.05 0.00	47.48 1.16 0.00	58.20 1.20 0.00	65.86 1.35 0.00	54.16 0.96 0.00	45.65 0.54 0.00	42.84 0.51 0.00	40.06 0.40 0.00	40.07 0.51 0.00	41.20 0.53 0.00	41.65 0.57 0.00	42.99 0.64 0.00	50.05 1.13 0.00	63.57 1.55 0.00	75.65 1.56 0.00	64.57 1.70 0.00	57.10 1.45 0.00	50.92 1.29 0.00	47.39 1.34 0.00	44.96 1.48 0.00
CHATEAUG_WT_PWR 323614	45.17 1.19 0.00	43.98 1.11 0.00	41.65 1.05 0.00	41.17 0.96 0.00	42.90 0.97 0.00	47.39 1.07 0.00	57.97 0.97 0.00	65.15 0.64 0.00	53.95 0.74 0.00	45.52 0.41 0.00	42.72 0.38 0.00	39.94 0.28 0.00	39.95 0.40 0.00	41.08 0.41 0.00	41.52 0.45 0.00	42.87 0.51 0.00	49.81 0.88 0.00	63.32 1.30 0.00	75.27 1.18 0.00	64.32 1.45 0.00	56.93 1.28 0.00	50.77 1.14 0.00	47.25 1.20 0.00	44.87 1.39 0.00
CHAT_HIGH_FALL_HYD 323578	45.26 1.28 0.00	44.07 1.20 0.00	41.73 1.14 0.00	41.26 1.05 0.00	42.98 1.05 0.00	47.48 1.16 0.00	58.20 1.20 0.00	65.86 1.35 0.00	54.16 0.96 0.00	45.65 0.54 0.00	42.84 0.51 0.00	40.06 0.40 0.00	40.07 0.51 0.00	41.20 0.53 0.00	41.65 0.57 0.00	42.99 0.64 0.00	50.05 1.13 0.00	63.57 1.55 0.00	75.65 1.56 0.00	64.57 1.70 0.00	57.10 1.45 0.00	50.92 1.29 0.00	47.39 1.34 0.00	44.96 1.48 0.00
CHAUTAUQUA___LFGE 323629	42.36 -1.63 0.00	41.50 -1.37 0.00	39.46 -1.14 0.00	39.01 -1.21 0.00	40.71 -1.22 0.00	45.67 -0.65 0.00	55.81 -1.20 0.00	62.77 -1.74 0.00	52.19 -1.01 0.00	44.48 -0.63 0.00	41.79 -0.55 0.00	39.07 -0.59 0.00	38.96 -0.59 0.00	40.19 -0.49 0.00	40.33 -0.74 0.00	41.55 -0.81 0.00	47.17 -1.76 0.00	60.09 -1.92 0.00	71.87 -2.22 0.00	60.80 -2.07 0.00	53.04 -2.61 0.00	47.20 -2.43 0.00	44.07 -1.98 0.00	42.09 -1.39 0.00
CHERRYST_13_KV_LD 356241	45.83 1.85 0.00	44.71 1.84 0.00	42.30 1.71 0.00	41.94 1.73 0.00	43.69 1.76 0.00	48.03 1.71 0.00	59.74 2.74 0.00	67.34 2.84 0.00	55.86 2.66 0.00	47.64 2.53 0.00	44.71 2.37 0.00	41.96 2.30 0.00	41.57 2.02 0.00	42.54 1.87 0.00	43.04 1.97 0.00	44.56 2.20 0.00	51.42 2.50 0.00	64.87 2.85 0.00	77.57 3.48 0.00	65.76 2.89 0.00	58.54 2.89 0.00	52.11 2.48 0.00	48.17 2.12 0.00	45.26 1.78 0.00

CHESTROR_138KV_BK263 355645	45.17 1.19 0.00	44.03 1.16 0.00	41.69 1.10 0.00	41.34 1.13 0.00	43.06 1.13 0.00	47.39 1.07 0.00	58.66 1.65 0.00	66.12 1.61 0.00	54.70 1.49 0.00	46.56 1.44 0.00	43.61 1.27 0.00	40.89 1.23 0.00	40.62 1.07 0.00	41.65 0.98 0.00	42.10 1.03 0.00	43.59 1.23 0.00	50.29 1.37 0.00	63.57 1.55 0.00	76.02 1.93 0.00	64.51 1.63 0.00	57.32 1.67 0.00	51.07 1.44 0.00	47.30 1.24 0.00	44.57 1.09 0.00
CH_MIDHUDSON___DRP 24192	45.65 1.67 0.00	44.50 1.63 0.00	42.14 1.54 0.00	41.78 1.57 0.00	43.52 1.59 0.00	47.89 1.57 0.00	59.34 2.34 0.00	66.89 2.39 0.00	55.44 2.23 0.00	47.10 1.98 0.00	44.03 1.69 0.00	41.25 1.59 0.00	40.98 1.42 0.00	42.01 1.34 0.00	42.51 1.44 0.00	44.01 1.65 0.00	50.88 1.96 0.00	64.37 2.36 0.00	76.91 2.82 0.00	65.26 2.39 0.00	57.99 2.34 0.00	51.71 2.08 0.00	47.80 1.75 0.00	45.00 1.52 0.00
CH_MISC_IPPS 23765	45.83 1.85 0.00	44.63 1.76 0.00	42.30 1.70 0.00	41.90 1.69 0.00	43.69 1.76 0.00	48.03 1.71 0.00	59.57 2.57 0.00	67.21 2.71 0.00	55.44 2.23 0.00	47.05 1.94 0.00	44.03 1.70 0.00	41.25 1.59 0.00	40.94 1.38 0.00	42.01 1.34 0.00	42.47 1.40 0.00	44.05 1.70 0.00	50.93 2.01 0.00	64.50 2.48 0.00	77.20 3.11 0.00	65.45 2.58 0.00	58.10 2.45 0.00	51.81 2.18 0.00	47.94 1.89 0.00	45.09 1.61 0.00
CH_RES_BVR_FALLS 23983	44.07 0.09 0.00	42.96 0.09 0.00	40.64 0.04 0.00	40.25 0.04 0.00	41.97 0.04 0.00	46.41 0.09 0.00	57.12 0.11 0.00	64.63 0.13 0.00	53.31 0.11 0.00	45.11 0.00 0.00	42.38 0.04 0.00	39.70 0.04 0.00	39.63 0.08 0.00	40.75 0.08 0.00	41.15 0.08 0.00	42.44 0.08 0.00	49.17 0.25 0.00	62.33 0.31 0.00	74.39 0.30 0.00	63.19 0.32 0.00	55.88 0.22 0.00	49.83 0.20 0.00	46.29 0.23 0.00	43.70 0.22 0.00
CH_RES_NIAGARA 23895	39.67 -4.31 0.00	38.71 -4.16 0.00	36.74 -3.86 0.00	36.35 -3.86 0.00	37.90 -4.03 0.00	42.43 -3.89 0.00	51.42 -5.59 0.00	58.05 -6.45 0.00	47.94 -5.27 0.00	41.10 -4.01 0.00	38.91 -3.43 0.00	36.49 -3.17 0.00	36.39 -3.16 0.00	37.54 -3.13 0.00	37.66 -3.41 0.00	38.76 -3.60 0.00	43.79 -5.14 0.00	55.69 -6.33 0.00	66.53 -7.56 0.00	56.33 -6.54 0.00	49.20 -6.46 0.00	44.07 -5.56 0.00	41.26 -4.79 0.00	39.13 -4.35 0.00
CH_RES_SYRACUSE 23985	43.37 -0.62 0.00	42.27 -0.60 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.38 -0.55 0.00	45.95 -0.37 0.00	56.55 -0.46 0.00	64.12 -0.38 0.00	52.89 -0.32 0.00	44.75 -0.36 0.00	42.04 -0.29 0.00	39.26 -0.40 0.00	39.20 -0.36 0.00	40.35 -0.33 0.00	40.70 -0.37 0.00	41.98 -0.38 0.00	48.39 -0.54 0.00	61.52 -0.50 0.00	73.58 -0.52 0.00	62.37 -0.51 0.00	55.04 -0.61 0.00	49.04 -0.59 0.00	45.55 -0.51 0.00	42.96 -0.52 0.00
CLINTON_WT_PWR 323605	45.17 1.19 0.00	43.98 1.11 0.00	41.65 1.05 0.00	41.17 0.96 0.00	42.90 0.97 0.00	47.39 1.07 0.00	57.97 0.97 0.00	65.15 0.64 0.00	53.95 0.74 0.00	45.52 0.41 0.00	42.72 0.38 0.00	39.94 0.28 0.00	39.95 0.40 0.00	41.08 0.41 0.00	41.52 0.45 0.00	42.87 0.51 0.00	49.81 0.88 0.00	63.32 1.30 0.00	75.27 1.18 0.00	64.32 1.45 0.00	56.93 1.28 0.00	50.77 1.14 0.00	47.25 1.20 0.00	44.87 1.39 0.00
CLINTON___LFGE 323618	46.40 2.42 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.30 2.09 0.00	44.03 2.10 0.00	48.73 2.41 0.00	59.34 2.34 0.00	66.25 1.74 0.00	55.07 1.86 0.00	46.24 1.13 0.00	43.35 1.01 0.00	40.45 0.79 0.00	40.54 0.99 0.00	41.69 1.02 0.00	42.14 1.07 0.00	43.54 1.18 0.00	50.83 1.91 0.00	64.81 2.79 0.00	76.61 2.52 0.00	65.89 3.02 0.00	58.27 2.62 0.00	52.01 2.38 0.00	48.36 2.30 0.00	46.27 2.79 0.00
COBBLENY_34_KV_TB1 80064	41.83 -2.16 0.00	40.86 -2.01 0.00	38.81 -1.79 0.00	38.36 -1.85 0.00	40.04 -1.89 0.00	44.84 -1.48 0.00	54.67 -2.34 0.00	61.47 -3.03 0.00	50.65 -2.55 0.00	43.31 -1.80 0.00	40.94 -1.40 0.00	38.39 -1.27 0.00	38.29 -1.27 0.00	39.53 -1.14 0.00	39.63 -1.44 0.00	40.88 -1.48 0.00	46.28 -2.64 0.00	58.98 -3.04 0.00	70.68 -3.41 0.00	59.79 -3.08 0.00	52.04 -3.62 0.00	46.50 -3.13 0.00	43.52 -2.53 0.00	41.35 -2.13 0.00
COFFEEN___115KV_TB3 355620	46.49 2.51 0.00	45.19 2.32 0.00	42.59 1.99 0.00	42.30 2.09 0.00	44.03 2.10 0.00	49.19 2.87 0.00	61.00 3.99 0.00	69.54 5.03 0.00	56.88 3.67 0.00	47.14 2.03 0.00	44.62 2.29 0.00	41.56 1.90 0.00	41.85 2.29 0.00	43.52 2.85 0.00	43.95 2.87 0.00	45.45 3.09 0.00	51.66 2.74 0.00	65.98 3.97 0.00	79.20 5.11 0.00	67.08 4.21 0.00	58.71 3.06 0.00	52.16 2.53 0.00	48.54 2.49 0.00	45.65 2.17 0.00
COLDSPRG_115KV_BK1 355956	43.72 -0.26 0.00	42.74 -0.13 0.00	40.60 0.00 0.00	40.17 -0.04 0.00	41.93 0.00 0.00	47.06 0.74 0.00	57.75 0.74 0.00	64.63 0.13 0.00	53.15 -0.05 0.00	45.38 0.27 0.00	42.89 0.55 0.00	40.18 0.52 0.00	40.07 0.51 0.00	41.32 0.65 0.00	41.32 0.25 0.00	42.70 0.34 0.00	48.34 -0.59 0.00	61.77 -0.25 0.00	74.09 0.00 0.00	62.56 -0.31 0.00	54.21 -1.45 0.00	48.34 -1.29 0.00	45.22 -0.83 0.00	43.05 -0.43 0.00
COLONIE_LFGE___ 323577	45.91 1.93 0.00	44.80 1.93 0.00	42.34 1.74 0.00	41.94 1.73 0.00	43.77 1.84 0.00	48.17 1.85 0.00	59.12 2.11 0.00	66.96 2.45 0.00	55.18 1.97 0.00	46.87 1.76 0.00	43.86 1.52 0.00	41.17 1.51 0.00	40.94 1.38 0.00	42.06 1.38 0.00	42.51 1.44 0.00	43.88 1.52 0.00	50.68 1.76 0.00	64.37 2.36 0.00	76.83 2.74 0.00	65.13 2.26 0.00	57.82 2.17 0.00	51.62 1.99 0.00	47.76 1.70 0.00	45.17 1.69 0.00
COOPERNY_115KV_TB1 80082	44.82 0.84 0.00	43.69 0.81 0.00	41.37 0.77 0.00	41.02 0.80 0.00	42.73 0.80 0.00	47.11 0.79 0.00	58.20 1.20 0.00	65.67 1.16 0.00	54.27 1.06 0.00	46.15 1.04 0.00	43.31 0.97 0.00	40.57 0.91 0.00	40.34 0.79 0.00	41.45 0.77 0.00	41.85 0.78 0.00	43.25 0.89 0.00	49.90 0.98 0.00	63.13 1.12 0.00	75.50 1.41 0.00	64.07 1.19 0.00	56.82 1.17 0.00	50.62 0.99 0.00	46.93 0.88 0.00	44.22 0.74 0.00
COPENHAGEN_WT_PWR 323753	46.05 2.07 0.00	44.80 1.93 0.00	42.26 1.67 0.00	41.94 1.73 0.00	43.69 1.76 0.00	48.68 2.36 0.00	60.31 3.31 0.00	68.70 4.19 0.00	56.34 3.14 0.00	46.78 1.67 0.00	44.33 1.99 0.00	41.29 1.63 0.00	41.57 2.02 0.00	43.20 2.52 0.00	43.58 2.51 0.00	45.03 2.67 0.00	51.07 2.15 0.00	65.18 3.16 0.00	78.09 4.00 0.00	66.20 3.33 0.00	57.99 2.34 0.00	51.56 1.93 0.00	48.03 1.98 0.00	45.22 1.74 0.00
CORNELL_____ 23752	44.33 0.35 0.00	43.17 0.30 0.00	40.88 0.28 0.00	40.53 0.32 0.00	42.31 0.38 0.00	47.06 0.74 0.00	58.03 1.03 0.00	65.79 1.29 0.00	54.06 0.85 0.00	45.70 0.59 0.00	42.93 0.59 0.00	40.06 0.40 0.00	39.99 0.44 0.00	41.20 0.53 0.00	41.56 0.49 0.00	42.91 0.55 0.00	49.61 0.68 0.00	63.13 1.12 0.00	75.57 1.48 0.00	64.13 1.26 0.00	56.43 0.78 0.00	50.17 0.55 0.00	46.56 0.51 0.00	43.91 0.43 0.00

CORONA__69_KV_TB1 355595	46.49 2.51 0.00	45.27 2.40 0.00	42.75 2.15 0.00	42.38 2.17 0.00	44.19 2.26 0.00	48.64 2.32 0.00	60.37 3.36 0.00	67.86 3.35 0.00	57.35 3.30 -0.85	47.82 2.71 0.00	44.92 2.58 0.00	42.08 2.42 0.00	41.69 2.14 0.00	42.79 2.11 0.00	43.33 2.26 0.00	46.09 2.67 -1.07	54.77 3.03 -2.81	65.61 3.60 0.00	78.39 4.30 0.00	66.46 3.58 0.00	60.88 3.62 -1.61	57.20 3.18 -4.39	49.51 2.76 -0.69	46.02 2.43 -0.10
CORTLAND__115KV_TB3 80093	43.98 0.00 0.00	42.83 -0.04 0.00	40.60 0.00 0.00	40.21 0.00 0.00	41.97 0.04 0.00	46.64 0.32 0.00	57.52 0.51 0.00	65.21 0.71 0.00	53.63 0.43 0.00	45.34 0.23 0.00	42.63 0.30 0.00	39.82 0.16 0.00	39.75 0.20 0.00	40.96 0.28 0.00	41.32 0.25 0.00	42.61 0.25 0.00	49.12 0.20 0.00	62.45 0.43 0.00	74.76 0.67 0.00	63.38 0.50 0.00	55.88 0.22 0.00	49.73 0.10 0.00	46.15 0.09 0.00	43.52 0.04 0.00
COXSACKIE__GT 23611	46.75 2.77 0.00	45.57 2.70 0.00	43.28 2.68 0.00	42.82 2.61 0.00	44.62 2.69 0.00	49.24 2.92 0.00	61.17 4.16 0.00	68.70 4.19 0.00	56.29 3.08 0.00	47.09 1.98 0.00	43.69 1.35 0.00	40.77 1.11 0.00	40.66 1.11 0.00	41.81 1.14 0.00	42.38 1.31 0.00	43.93 1.57 0.00	51.32 2.40 0.00	65.49 3.47 0.00	78.46 4.37 0.00	66.27 3.39 0.00	58.60 2.95 0.00	52.41 2.78 0.00	48.49 2.44 0.00	46.04 2.56 0.00
CPV__VALLEY__CC1 323721	44.95 0.97 0.00	43.77 0.90 0.00	41.49 0.89 0.00	41.09 0.88 0.00	42.81 0.88 0.00	47.11 0.79 0.00	58.26 1.25 0.00	65.79 1.29 0.00	54.27 1.06 0.00	46.24 1.13 0.00	43.40 1.06 0.00	40.69 1.03 0.00	40.42 0.87 0.00	41.49 0.81 0.00	41.89 0.82 0.00	43.33 0.97 0.00	49.95 1.03 0.00	63.13 1.12 0.00	75.49 1.40 0.00	64.06 1.19 0.00	56.88 1.22 0.00	50.72 1.09 0.00	47.02 0.97 0.00	44.22 0.74 0.00
CPV__VALLEY__CC2 323722	44.95 0.97 0.00	43.77 0.90 0.00	41.49 0.89 0.00	41.09 0.88 0.00	42.81 0.88 0.00	47.11 0.79 0.00	58.26 1.25 0.00	65.79 1.29 0.00	54.27 1.06 0.00	46.24 1.13 0.00	43.40 1.06 0.00	40.69 1.03 0.00	40.42 0.87 0.00	41.49 0.81 0.00	41.89 0.82 0.00	43.33 0.97 0.00	49.95 1.03 0.00	63.13 1.12 0.00	75.49 1.40 0.00	64.06 1.19 0.00	56.88 1.22 0.00	50.72 1.09 0.00	47.02 0.97 0.00	44.22 0.74 0.00
CRESCENT__HYD 24018	45.91 1.93 0.00	44.80 1.93 0.00	42.34 1.74 0.00	41.94 1.73 0.00	43.77 1.84 0.00	48.17 1.85 0.00	59.12 2.11 0.00	66.96 2.45 0.00	55.18 1.97 0.00	46.87 1.76 0.00	43.86 1.52 0.00	41.17 1.51 0.00	40.94 1.38 0.00	42.06 1.38 0.00	42.51 1.44 0.00	43.88 1.52 0.00	50.68 1.76 0.00	64.37 2.36 0.00	76.83 2.74 0.00	65.13 2.26 0.00	57.82 2.17 0.00	51.62 1.99 0.00	47.76 1.70 0.00	45.17 1.69 0.00
CRICKET__VALLEY_CC1 323756	45.43 1.45 0.00	44.28 1.41 0.00	41.93 1.34 0.00	41.54 1.33 0.00	43.31 1.38 0.00	47.62 1.30 0.00	58.60 1.59 0.00	66.31 1.80 0.00	54.69 1.49 0.00	46.60 1.49 0.00	43.65 1.31 0.00	41.05 1.39 0.00	40.78 1.23 0.00	41.77 1.10 0.00	42.22 1.15 0.00	43.67 1.31 0.00	50.34 1.42 0.00	63.75 1.73 0.00	76.09 2.00 0.00	64.57 1.70 0.00	57.38 1.73 0.00	51.22 1.59 0.00	47.39 1.34 0.00	44.52 1.04 0.00
CRICKET__VALLEY_CC2 323757	45.43 1.45 0.00	44.28 1.41 0.00	41.93 1.34 0.00	41.54 1.33 0.00	43.31 1.38 0.00	47.62 1.30 0.00	58.60 1.59 0.00	66.31 1.80 0.00	54.69 1.49 0.00	46.60 1.49 0.00	43.65 1.31 0.00	41.05 1.39 0.00	40.78 1.23 0.00	41.77 1.10 0.00	42.22 1.15 0.00	43.67 1.31 0.00	50.34 1.42 0.00	63.75 1.73 0.00	76.09 2.00 0.00	64.57 1.70 0.00	57.38 1.73 0.00	51.22 1.59 0.00	47.39 1.34 0.00	44.52 1.04 0.00
CRICKET__VALLEY_CC3 323758	45.43 1.45 0.00	44.28 1.41 0.00	41.93 1.34 0.00	41.54 1.33 0.00	43.31 1.38 0.00	47.62 1.30 0.00	58.60 1.59 0.00	66.31 1.80 0.00	54.69 1.49 0.00	46.60 1.49 0.00	43.65 1.31 0.00	41.05 1.39 0.00	40.78 1.23 0.00	41.77 1.10 0.00	42.22 1.15 0.00	43.67 1.31 0.00	50.34 1.42 0.00	63.75 1.73 0.00	76.09 2.00 0.00	64.57 1.70 0.00	57.38 1.73 0.00	51.22 1.59 0.00	47.39 1.34 0.00	44.52 1.04 0.00
CRUCIBLE__METL_DRP 24180	43.41 -0.57 0.00	42.27 -0.60 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.39 -0.55 0.00	45.95 -0.37 0.00	56.55 -0.46 0.00	64.12 -0.39 0.00	52.78 -0.43 0.00	44.71 -0.41 0.00	42.00 -0.34 0.00	39.26 -0.40 0.00	39.20 -0.36 0.00	40.35 -0.33 0.00	40.70 -0.37 0.00	41.98 -0.38 0.00	48.39 -0.54 0.00	61.46 -0.56 0.00	73.50 -0.59 0.00	62.37 -0.50 0.00	54.99 -0.67 0.00	49.03 -0.60 0.00	45.50 -0.55 0.00	42.91 -0.57 0.00
DAHOWA__HYDRO 323763	47.28 3.30 0.00	46.09 3.22 0.00	43.52 2.92 0.00	43.15 2.93 0.00	45.03 3.10 0.00	49.01 2.69 0.00	60.37 3.36 0.00	68.24 3.74 0.00	56.02 2.82 0.00	47.50 2.39 0.00	44.29 1.95 0.00	41.45 1.79 0.00	41.21 1.66 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.52 2.59 0.00	65.55 3.53 0.00	78.54 4.45 0.00	66.39 3.52 0.00	58.82 3.17 0.00	52.56 2.93 0.00	48.63 2.58 0.00	46.61 3.13 0.00
DANC__LFGE 323619	45.70 1.71 0.00	44.41 1.54 0.00	41.93 1.34 0.00	41.62 1.41 0.00	43.36 1.43 0.00	48.31 1.99 0.00	59.74 2.74 0.00	67.99 3.48 0.00	55.76 2.55 0.00	46.46 1.35 0.00	44.07 1.74 0.00	41.05 1.39 0.00	41.25 1.70 0.00	42.79 2.11 0.00	43.20 2.13 0.00	44.60 2.24 0.00	50.15 1.22 0.00	63.82 1.80 0.00	76.46 2.37 0.00	64.76 1.88 0.00	56.88 1.22 0.00	50.67 1.04 0.00	47.16 1.10 0.00	44.39 0.91 0.00
DANSKAMMER__1 23586	45.83 1.85 0.00	44.63 1.76 0.00	42.30 1.70 0.00	41.90 1.69 0.00	43.69 1.76 0.00	48.03 1.71 0.00	59.57 2.57 0.00	67.21 2.71 0.00	55.44 2.23 0.00	47.05 1.94 0.00	44.03 1.70 0.00	41.25 1.59 0.00	40.94 1.38 0.00	42.01 1.34 0.00	42.47 1.40 0.00	44.05 1.70 0.00	50.93 2.01 0.00	64.50 2.48 0.00	77.20 3.11 0.00	65.45 2.58 0.00	58.10 2.45 0.00	51.81 2.18 0.00	47.94 1.89 0.00	45.09 1.61 0.00
DANSKAMMER__2 23589	45.83 1.85 0.00	44.63 1.76 0.00	42.30 1.70 0.00	41.90 1.69 0.00	43.69 1.76 0.00	48.03 1.71 0.00	59.57 2.57 0.00	67.21 2.71 0.00	55.44 2.23 0.00	47.05 1.94 0.00	44.03 1.70 0.00	41.25 1.59 0.00	40.94 1.38 0.00	42.01 1.34 0.00	42.47 1.40 0.00	44.05 1.70 0.00	50.93 2.01 0.00	64.50 2.48 0.00	77.20 3.11 0.00	65.45 2.58 0.00	58.10 2.45 0.00	51.81 2.18 0.00	47.94 1.89 0.00	45.09 1.61 0.00
DANSKAMMER__3 23590	45.83 1.85 0.00	44.63 1.76 0.00	42.30 1.70 0.00	41.90 1.69 0.00	43.69 1.76 0.00	48.03 1.71 0.00	59.57 2.57 0.00	67.21 2.71 0.00	55.44 2.23 0.00	47.05 1.94 0.00	44.03 1.70 0.00	41.25 1.59 0.00	40.94 1.38 0.00	42.01 1.34 0.00	42.47 1.40 0.00	44.05 1.70 0.00	50.93 2.01 0.00	64.50 2.48 0.00	77.20 3.11 0.00	65.45 2.58 0.00	58.10 2.45 0.00	51.81 2.18 0.00	47.94 1.89 0.00	45.09 1.61 0.00

DANSKAMMER___4 23591	45.83 1.85 0.00	44.63 1.76 0.00	42.30 1.70 0.00	41.90 1.69 0.00	43.69 1.76 0.00	48.03 1.71 0.00	59.57 2.57 0.00	67.21 2.71 0.00	55.44 2.23 0.00	47.05 1.94 0.00	44.03 1.70 0.00	41.25 1.59 0.00	40.94 1.38 0.00	42.01 1.34 0.00	42.47 1.40 0.00	44.05 1.70 0.00	50.93 2.01 0.00	64.50 2.48 0.00	77.20 3.11 0.00	65.45 2.58 0.00	58.10 2.45 0.00	51.81 2.18 0.00	47.94 1.89 0.00	45.09 1.61 0.00
DANSKAMMER___DIESEL 23592	45.79 1.80 0.00	44.63 1.76 0.00	42.26 1.66 0.00	41.90 1.69 0.00	43.65 1.72 0.00	48.03 1.71 0.00	59.57 2.57 0.00	67.08 2.58 0.00	55.55 2.34 0.00	47.14 2.03 0.00	44.03 1.69 0.00	41.25 1.59 0.00	40.94 1.38 0.00	42.01 1.34 0.00	42.51 1.44 0.00	44.05 1.69 0.00	50.98 2.05 0.00	64.56 2.54 0.00	77.20 3.11 0.00	65.45 2.58 0.00	58.16 2.50 0.00	51.86 2.23 0.00	47.94 1.89 0.00	45.13 1.65 0.00
DARBY___SOLAR 323810	46.97 2.99 0.00	45.79 2.92 0.00	43.28 2.68 0.00	42.86 2.65 0.00	44.74 2.81 0.00	48.82 2.50 0.00	60.08 3.08 0.00	67.92 3.42 0.00	55.81 2.61 0.00	47.32 2.21 0.00	44.16 1.82 0.00	41.33 1.67 0.00	41.09 1.54 0.00	42.26 1.58 0.00	42.75 1.68 0.00	44.27 1.91 0.00	51.32 2.40 0.00	65.30 3.28 0.00	78.16 4.07 0.00	66.14 3.27 0.00	58.60 2.95 0.00	52.31 2.68 0.00	48.40 2.35 0.00	46.30 2.82 0.00
DASHVILLE___HYD 23610	45.65 1.67 0.00	44.50 1.63 0.00	42.14 1.54 0.00	41.74 1.53 0.00	43.52 1.59 0.00	47.85 1.53 0.00	59.34 2.34 0.00	66.76 2.26 0.00	55.12 1.92 0.00	46.74 1.62 0.00	43.69 1.35 0.00	40.89 1.23 0.00	40.62 1.07 0.00	41.69 1.02 0.00	42.14 1.07 0.00	43.71 1.36 0.00	50.69 1.76 0.00	64.19 2.17 0.00	76.76 2.67 0.00	65.07 2.20 0.00	57.82 2.17 0.00	51.61 1.99 0.00	47.71 1.66 0.00	44.96 1.48 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	46.80 2.81 0.00	45.66 2.79 0.00	42.75 2.15 0.00	42.46 2.25 0.00	44.49 2.56 0.00	48.59 2.27 0.00	60.20 3.19 0.00	67.73 3.23 0.00	57.94 3.88 -0.85	47.77 2.66 0.00	44.71 2.37 0.00	41.80 2.14 0.00	41.29 1.74 0.00	42.46 1.79 0.00	43.08 2.01 0.00	46.09 2.67 -1.07	54.82 3.08 -2.81	65.80 3.78 0.00	78.54 4.45 0.00	66.71 3.84 0.00	61.60 4.34 -1.61	57.89 3.87 -4.39	49.97 3.22 -0.69	46.58 3.00 -0.10
DELAWARE___LFGE 323621	44.99 1.01 0.00	43.86 0.99 0.00	41.49 0.89 0.00	41.14 0.92 0.00	42.89 0.96 0.00	47.48 1.16 0.00	58.66 1.65 0.00	66.25 1.74 0.00	54.59 1.38 0.00	46.19 1.08 0.00	43.35 1.02 0.00	40.57 0.91 0.00	40.50 0.95 0.00	41.69 1.02 0.00	42.06 0.99 0.00	43.37 1.02 0.00	50.10 1.17 0.00	63.63 1.61 0.00	76.17 2.07 0.00	64.57 1.70 0.00	57.10 1.45 0.00	50.82 1.19 0.00	47.11 1.06 0.00	44.44 0.96 0.00
DERFIELD_115KV_TB7 355931	44.07 0.09 0.00	42.96 0.09 0.00	40.68 0.08 0.00	40.29 0.08 0.00	42.01 0.08 0.00	46.46 0.14 0.00	57.18 0.17 0.00	64.57 0.06 0.00	53.31 0.11 0.00	45.20 0.09 0.00	42.42 0.08 0.00	39.74 0.08 0.00	39.63 0.08 0.00	40.75 0.08 0.00	41.15 0.08 0.00	42.44 0.08 0.00	49.12 0.20 0.00	62.26 0.25 0.00	74.46 0.37 0.00	63.12 0.25 0.00	55.88 0.22 0.00	49.83 0.20 0.00	46.19 0.14 0.00	43.61 0.13 0.00
DOGLEVILLE___HYD 23807	44.55 0.57 0.00	43.43 0.56 0.00	41.00 0.41 0.00	40.57 0.36 0.00	42.23 0.30 0.00	46.69 0.37 0.00	57.46 0.45 0.00	65.02 0.51 0.00	53.63 0.42 0.00	45.47 0.36 0.00	42.76 0.42 0.00	40.06 0.40 0.00	40.03 0.48 0.00	41.20 0.53 0.00	41.65 0.57 0.00	42.99 0.64 0.00	49.81 0.88 0.00	63.38 1.36 0.00	75.87 1.78 0.00	64.38 1.51 0.00	56.99 1.33 0.00	50.82 1.19 0.00	47.11 1.06 0.00	44.35 0.87 0.00
DUNKIRK___115KV_TB_200 55889	42.40 -1.58 0.00	41.41 -1.46 0.00	39.34 -1.26 0.00	38.92 -1.29 0.00	40.63 -1.30 0.00	45.58 -0.74 0.00	55.70 -1.31 0.00	62.57 -1.94 0.00	51.50 -1.70 0.00	43.98 -1.13 0.00	41.57 -0.76 0.00	38.95 -0.71 0.00	38.84 -0.71 0.00	40.06 -0.61 0.00	40.17 -0.90 0.00	41.43 -0.93 0.00	46.92 -2.01 0.00	59.91 -2.11 0.00	71.72 -2.37 0.00	60.55 -2.33 0.00	52.59 -3.06 0.00	46.95 -2.68 0.00	43.89 -2.16 0.00	41.65 -1.83 0.00
DUNKIRK___1 23563	42.40 -1.58 0.00	41.41 -1.46 0.00	39.34 -1.26 0.00	38.92 -1.29 0.00	40.63 -1.30 0.00	45.58 -0.74 0.00	55.70 -1.31 0.00	62.57 -1.94 0.00	51.50 -1.70 0.00	43.98 -1.13 0.00	41.57 -0.76 0.00	38.95 -0.71 0.00	38.84 -0.71 0.00	40.06 -0.61 0.00	40.17 -0.90 0.00	41.43 -0.93 0.00	46.92 -2.01 0.00	59.91 -2.11 0.00	71.72 -2.37 0.00	60.55 -2.33 0.00	52.59 -3.06 0.00	46.95 -2.68 0.00	43.89 -2.16 0.00	41.65 -1.83 0.00
DUNKIRK___2 23564	42.40 -1.58 0.00	41.41 -1.46 0.00	39.34 -1.26 0.00	38.92 -1.29 0.00	40.63 -1.30 0.00	45.58 -0.74 0.00	55.70 -1.31 0.00	62.57 -1.94 0.00	51.50 -1.70 0.00	43.98 -1.13 0.00	41.57 -0.76 0.00	38.95 -0.71 0.00	38.84 -0.71 0.00	40.06 -0.61 0.00	40.17 -0.90 0.00	41.43 -0.93 0.00	46.92 -2.01 0.00	59.91 -2.11 0.00	71.72 -2.37 0.00	60.55 -2.33 0.00	52.59 -3.06 0.00	46.95 -2.68 0.00	43.89 -2.16 0.00	41.65 -1.83 0.00
DUNKIRK___3 23565	42.09 -1.89 0.00	41.11 -1.76 0.00	39.05 -1.54 0.00	38.60 -1.61 0.00	40.30 -1.64 0.00	45.16 -1.16 0.00	55.18 -1.82 0.00	61.99 -2.52 0.00	51.02 -2.18 0.00	43.62 -1.49 0.00	41.24 -1.10 0.00	38.63 -1.03 0.00	38.52 -1.03 0.00	39.74 -0.94 0.00	39.84 -1.23 0.00	41.09 -1.27 0.00	46.58 -2.35 0.00	59.41 -2.60 0.00	71.13 -2.96 0.00	60.11 -2.77 0.00	52.26 -3.39 0.00	46.65 -2.98 0.00	43.61 -2.44 0.00	41.44 -2.04 0.00
DUNKIRK___4 23566	42.09 -1.89 0.00	41.11 -1.76 0.00	39.05 -1.54 0.00	38.60 -1.61 0.00	40.30 -1.64 0.00	45.16 -1.16 0.00	55.18 -1.82 0.00	61.99 -2.52 0.00	51.02 -2.18 0.00	43.62 -1.49 0.00	41.24 -1.10 0.00	38.63 -1.03 0.00	38.52 -1.03 0.00	39.74 -0.94 0.00	39.84 -1.23 0.00	41.09 -1.27 0.00	46.58 -2.35 0.00	59.41 -2.60 0.00	71.13 -2.96 0.00	60.11 -2.77 0.00	52.26 -3.39 0.00	46.65 -2.98 0.00	43.61 -2.44 0.00	41.44 -2.04 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.70 1.72 0.00	44.50 1.63 0.00	42.14 1.54 0.00	41.78 1.57 0.00	43.52 1.59 0.00	47.85 1.53 0.00	59.40 2.39 0.00	67.02 2.52 0.00	55.55 2.34 0.00	47.32 2.21 0.00	44.41 2.07 0.00	41.68 2.02 0.00	41.25 1.70 0.00	42.30 1.63 0.00	42.75 1.68 0.00	44.31 1.95 0.00	51.08 2.15 0.00	64.50 2.48 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.21 2.56 0.00	51.81 2.18 0.00	47.94 1.89 0.00	45.05 1.57 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.48 1.50 0.00	44.33 1.46 0.00	41.98 1.38 0.00	41.58 1.37 0.00	43.36 1.43 0.00	47.66 1.34 0.00	59.12 2.11 0.00	66.57 2.06 0.00	55.12 1.92 0.00	46.83 1.71 0.00	43.82 1.48 0.00	41.05 1.39 0.00	40.78 1.23 0.00	41.81 1.14 0.00	42.26 1.19 0.00	43.80 1.44 0.00	50.59 1.66 0.00	64.00 1.98 0.00	76.54 2.44 0.00	64.95 2.07 0.00	57.71 2.06 0.00	51.42 1.79 0.00	47.57 1.52 0.00	44.83 1.35 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	46.18 2.20 0.00	45.01 2.14 0.00	42.63 2.03 0.00	42.26 2.05 0.00	43.98 2.05 0.00	48.36 2.04 0.00	60.08 3.08 0.00	67.08 2.58 0.00	55.44 2.23 0.00	47.32 2.21 0.00	44.50 2.16 0.00	41.76 2.10 0.00	41.33 1.78 0.00	42.34 1.67 0.00	42.84 1.77 0.00	44.31 1.95 0.00	51.08 2.15 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.76 2.13 0.00	48.26 2.21 0.00	45.53 2.04 -0.01
E179THST_13_KV_LOAD 356214	46.36 2.38 0.00	45.19 2.32 0.00	42.79 2.19 0.00	42.38 2.17 0.00	44.15 2.22 0.00	48.54 2.22 0.00	60.31 3.31 0.00	67.34 2.84 0.00	55.71 2.50 0.00	47.55 2.44 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.53 1.98 0.00	42.54 1.87 0.00	43.00 1.93 0.00	44.52 2.16 0.00	51.32 2.40 0.00	64.81 2.79 0.00	77.50 3.41 0.00	65.70 2.83 0.00	58.49 2.84 0.00	51.96 2.33 0.00	48.49 2.44 0.00	45.71 2.22 -0.01
EAST HAMPTON___GT 23717	46.31 2.33 0.00	44.97 2.10 0.00	42.43 1.83 0.00	42.14 1.93 0.00	44.15 2.22 0.00	48.22 1.90 0.00	59.74 2.74 0.00	67.34 2.83 0.00	57.51 3.46 -0.85	47.37 2.25 0.00	44.20 1.86 0.00	41.40 1.74 0.00	40.74 1.19 0.00	41.89 1.22 0.00	42.51 1.44 0.00	45.50 2.08 -1.07	54.08 2.35 -2.81	65.18 3.16 0.00	78.76 4.67 0.00	66.71 3.84 0.00	61.60 4.34 -1.61	57.94 3.92 -4.39	50.06 3.32 -0.69	46.58 3.00 -0.10
EAST RIVER___6 23660	45.79 1.80 0.00	44.63 1.76 0.00	42.26 1.67 0.00	41.86 1.65 0.00	43.52 1.59 0.00	47.85 1.53 0.00	59.57 2.57 0.00	67.28 2.77 0.00	55.54 2.34 0.00	47.37 2.25 0.00	44.54 2.20 0.00	41.84 2.18 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.92 1.85 0.00	44.43 2.08 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.35 3.26 0.00	65.57 2.70 0.00	58.38 2.73 0.00	52.01 2.38 0.00	48.13 2.07 0.00	45.13 1.65 0.00
EAST RIVER___7 23524	45.79 1.80 0.00	44.63 1.76 0.00	42.26 1.67 0.00	41.86 1.65 0.00	43.52 1.59 0.00	47.85 1.53 0.00	59.57 2.57 0.00	67.28 2.77 0.00	55.54 2.34 0.00	47.37 2.25 0.00	44.54 2.20 0.00	41.84 2.18 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.92 1.85 0.00	44.43 2.08 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.35 3.26 0.00	65.57 2.70 0.00	58.38 2.73 0.00	52.01 2.38 0.00	48.13 2.07 0.00	45.13 1.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.61 1.63 0.00	44.46 1.59 0.00	42.10 1.50 0.00	41.74 1.53 0.00	43.48 1.55 0.00	47.80 1.48 0.00	59.29 2.28 0.00	66.83 2.32 0.00	55.39 2.18 0.00	47.19 2.08 0.00	44.28 1.95 0.00	41.52 1.86 0.00	41.17 1.62 0.00	42.18 1.50 0.00	42.67 1.60 0.00	44.18 1.82 0.00	50.93 2.01 0.00	64.31 2.29 0.00	76.91 2.82 0.00	65.26 2.39 0.00	58.05 2.39 0.00	51.66 2.03 0.00	47.80 1.75 0.00	45.00 1.52 0.00
EAST_HAMPTON___DIESEL 23722	46.22 2.24 0.00	44.89 2.02 0.00	42.34 1.74 0.00	42.02 1.81 0.00	44.07 2.14 0.00	48.12 1.80 0.00	59.63 2.62 0.00	67.21 2.71 0.00	57.41 3.35 -0.85	47.28 2.17 0.00	44.11 1.78 0.00	41.33 1.67 0.00	40.66 1.11 0.00	41.81 1.14 0.00	42.38 1.31 0.00	45.37 1.95 -1.07	53.94 2.20 -2.81	64.99 2.98 0.00	78.54 4.45 0.00	66.58 3.71 0.00	61.55 4.29 -1.61	57.90 3.87 -4.39	50.02 3.27 -0.69	46.58 3.00 -0.10
EAST_POINT___SOLAR 323840	47.19 3.21 0.00	45.96 3.09 0.00	43.40 2.80 0.00	43.07 2.86 0.00	44.91 2.98 0.00	49.94 3.62 0.00	61.96 4.96 0.00	69.73 5.22 0.00	56.51 3.30 0.00	47.32 2.21 0.00	43.73 1.40 0.00	40.33 0.67 0.00	41.45 1.90 0.00	42.75 2.07 0.00	43.16 2.09 0.00	44.77 2.41 0.00	52.40 3.47 0.00	66.98 4.96 0.00	80.53 6.44 0.00	68.03 5.16 0.00	60.11 4.45 0.00	53.60 3.97 0.00	49.51 3.46 0.00	46.65 3.17 0.00
EAST_PULASKI___ESR 323781	45.26 1.28 0.00	44.03 1.16 0.00	41.61 1.02 0.00	41.30 1.09 0.00	43.06 1.13 0.00	47.90 1.58 0.00	59.12 2.11 0.00	67.21 2.71 0.00	55.23 2.02 0.00	46.24 1.13 0.00	43.82 1.48 0.00	40.81 1.15 0.00	40.94 1.38 0.00	42.34 1.67 0.00	42.75 1.68 0.00	44.14 1.78 0.00	49.51 0.59 0.00	62.88 0.87 0.00	75.35 1.26 0.00	63.82 0.94 0.00	56.21 0.56 0.00	50.13 0.50 0.00	46.56 0.51 0.00	43.87 0.39 0.00
EAST_RIVER___1 323558	45.83 1.85 0.00	44.63 1.76 0.00	42.30 1.70 0.00	41.90 1.69 0.00	43.61 1.68 0.00	47.99 1.67 0.00	59.69 2.68 0.00	67.47 2.97 0.00	55.65 2.45 0.00	47.45 2.34 0.00	44.62 2.28 0.00	41.92 2.26 0.00	41.49 1.94 0.00	42.50 1.83 0.00	42.96 1.89 0.00	44.48 2.12 0.00	51.22 2.30 0.00	64.68 2.66 0.00	77.43 3.34 0.00	65.63 2.76 0.00	58.38 2.73 0.00	52.01 2.38 0.00	48.17 2.12 0.00	45.17 1.69 0.00
EAST_RIVER___2 323559	45.79 1.80 0.00	44.63 1.76 0.00	42.26 1.67 0.00	41.86 1.65 0.00	43.52 1.59 0.00	47.85 1.53 0.00	59.57 2.57 0.00	67.28 2.77 0.00	55.54 2.34 0.00	47.37 2.25 0.00	44.54 2.20 0.00	41.84 2.18 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.92 1.85 0.00	44.43 2.08 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.35 3.26 0.00	65.57 2.70 0.00	58.38 2.73 0.00	52.01 2.38 0.00	48.13 2.07 0.00	45.13 1.65 0.00
EAST___DELAWARE_HYD 23607	45.48 1.50 0.00	44.24 1.37 0.00	41.98 1.38 0.00	41.58 1.37 0.00	43.31 1.38 0.00	47.71 1.39 0.00	59.29 2.28 0.00	66.82 2.32 0.00	55.02 1.81 0.00	46.51 1.40 0.00	43.48 1.14 0.00	40.65 0.99 0.00	40.42 0.87 0.00	41.49 0.81 0.00	41.97 0.90 0.00	43.54 1.18 0.00	50.54 1.61 0.00	64.13 2.11 0.00	76.75 2.66 0.00	65.07 2.20 0.00	57.71 2.06 0.00	51.47 1.84 0.00	47.62 1.57 0.00	44.78 1.30 0.00
EIGHT_POINT___WT_PWR 323820	42.49 -1.50 0.00	41.54 -1.33 0.00	39.46 -1.14 0.00	39.09 -1.13 0.00	40.88 -1.05 0.00	45.63 -0.69 0.00	56.04 -0.97 0.00	63.41 -1.10 0.00	52.35 -0.85 0.00	44.48 -0.63 0.00	41.87 -0.46 0.00	39.19 -0.47 0.00	39.20 -0.36 0.00	40.47 -0.20 0.00	40.83 -0.24 0.00	42.19 -0.17 0.00	48.58 -0.34 0.00	61.95 -0.06 0.00	74.09 0.00 0.00	62.68 -0.19 0.00	54.76 -0.89 0.00	48.58 -1.04 0.00	44.95 -1.11 0.00	42.61 -0.87 0.00
ELBRIDGE_115KV_TB2 80188	42.97 -1.01 0.00	41.89 -0.99 0.00	39.66 -0.93 0.00	39.29 -0.92 0.00	41.01 -0.92 0.00	45.49 -0.83 0.00	55.98 -1.03 0.00	63.47 -1.03 0.00	52.30 -0.90 0.00	44.30 -0.81 0.00	41.62 -0.72 0.00	38.91 -0.75 0.00	38.84 -0.71 0.00	39.98 -0.69 0.00	40.33 -0.74 0.00	41.60 -0.76 0.00	47.95 -0.98 0.00	60.84 -1.18 0.00	72.76 -1.33 0.00	61.68 -1.19 0.00	54.43 -1.22 0.00	48.54 -1.09 0.00	45.04 -1.01 0.00	42.48 -1.00 0.00
ELEC_TRO_TEK 24086	46.27 2.29 0.00	45.06 2.19 0.00	42.55 1.95 0.00	42.18 1.97 0.00	43.98 2.05 0.00	48.40 2.08 0.00	60.03 3.02 0.00	67.47 2.97 0.00	57.08 3.03 -0.85	47.59 2.48 0.00	44.71 2.37 0.00	41.92 2.26 0.00	41.49 1.94 0.00	42.62 1.95 0.00	43.16 2.09 0.00	45.92 2.50 -1.07	54.52 2.79 -2.81	65.24 3.22 0.00	77.87 3.78 0.00	66.02 3.14 0.00	60.54 3.28 -1.61	56.85 2.83 -4.39	49.23 2.49 -0.69	45.80 2.22 -0.10

ELLENBURG_WT_PWR 323604	45.17 1.19 0.00	43.98 1.11 0.00	41.65 1.05 0.00	41.17 0.96 0.00	42.90 0.97 0.00	47.39 1.07 0.00	57.97 0.97 0.00	65.15 0.64 0.00	53.95 0.74 0.00	45.52 0.41 0.00	42.72 0.38 0.00	39.94 0.28 0.00	39.95 0.40 0.00	41.08 0.41 0.00	41.52 0.45 0.00	42.87 0.51 0.00	49.81 0.88 0.00	63.32 1.30 0.00	75.27 1.18 0.00	64.32 1.45 0.00	56.93 1.28 0.00	50.77 1.14 0.00	47.25 1.20 0.00	44.87 1.39 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.17 -2.81 0.00	40.21 -2.66 0.00	38.16 -2.44 0.00	37.76 -2.45 0.00	39.41 -2.52 0.00	44.14 -2.18 0.00	53.70 -3.31 0.00	60.44 -4.06 0.00	49.85 -3.35 0.00	42.68 -2.44 0.00	40.35 -1.99 0.00	37.84 -1.82 0.00	37.73 -1.82 0.00	38.96 -1.71 0.00	39.06 -2.01 0.00	40.24 -2.12 0.00	45.55 -3.38 0.00	58.05 -3.97 0.00	69.42 -4.67 0.00	58.72 -4.15 0.00	51.20 -4.45 0.00	45.76 -3.87 0.00	42.83 -3.22 0.00	40.65 -2.83 0.00
EMPIRE_CC_1 323656	45.17 1.19 0.00	44.07 1.20 0.00	41.69 1.10 0.00	41.30 1.09 0.00	43.10 1.17 0.00	47.48 1.16 0.00	58.09 1.08 0.00	65.73 1.22 0.00	54.21 1.01 0.00	46.24 1.13 0.00	43.35 1.01 0.00	40.73 1.07 0.00	40.50 0.95 0.00	41.57 0.89 0.00	42.02 0.95 0.00	43.37 1.01 0.00	49.85 0.93 0.00	63.19 1.18 0.00	75.27 1.18 0.00	63.94 1.07 0.00	56.77 1.11 0.00	50.72 1.09 0.00	47.07 1.01 0.00	44.39 0.91 0.00
EMPIRE_CC_2 323658	45.17 1.19 0.00	44.07 1.20 0.00	41.69 1.10 0.00	41.30 1.09 0.00	43.10 1.17 0.00	47.48 1.16 0.00	58.09 1.08 0.00	65.73 1.22 0.00	54.21 1.01 0.00	46.24 1.13 0.00	43.35 1.01 0.00	40.73 1.07 0.00	40.50 0.95 0.00	41.57 0.89 0.00	42.02 0.95 0.00	43.37 1.01 0.00	49.85 0.93 0.00	63.19 1.18 0.00	75.27 1.18 0.00	63.94 1.07 0.00	56.77 1.11 0.00	50.72 1.09 0.00	47.07 1.01 0.00	44.39 0.91 0.00
ENORWICH_115KV_TB1 80156	46.84 2.86 0.00	45.57 2.70 0.00	43.03 2.44 0.00	42.74 2.53 0.00	44.57 2.64 0.00	50.03 3.71 0.00	61.97 4.96 0.00	70.25 5.74 0.00	57.41 4.20 0.00	47.77 2.66 0.00	44.96 2.62 0.00	41.92 2.26 0.00	41.93 2.37 0.00	43.48 2.81 0.00	43.86 2.79 0.00	45.28 2.92 0.00	52.69 3.77 0.00	67.53 5.52 0.00	81.28 7.19 0.00	68.72 5.85 0.00	60.16 4.51 0.00	53.20 3.57 0.00	49.32 3.27 0.00	46.39 2.91 0.00
ERIE_ST__34_KV_TB1-2 80199	42.44 -1.54 0.00	41.46 -1.41 0.00	39.38 -1.22 0.00	38.92 -1.29 0.00	40.63 -1.30 0.00	45.53 -0.79 0.00	55.58 -1.43 0.00	62.25 -2.26 0.00	51.29 -1.92 0.00	43.85 -1.26 0.00	41.45 -0.89 0.00	38.83 -0.83 0.00	38.76 -0.79 0.00	39.98 -0.69 0.00	40.08 -0.99 0.00	41.34 -1.02 0.00	46.82 -2.10 0.00	59.72 -2.29 0.00	71.57 -2.52 0.00	60.61 -2.26 0.00	52.70 -2.95 0.00	47.05 -2.58 0.00	44.03 -2.03 0.00	41.96 -1.52 0.00
ERIE_WT_PWR 323693	41.43 -2.55 0.00	40.60 -2.27 0.00	38.57 -2.03 0.00	38.12 -2.09 0.00	39.83 -2.10 0.00	44.61 -1.71 0.00	54.33 -2.68 0.00	61.15 -3.36 0.00	50.97 -2.23 0.00	43.44 -1.67 0.00	40.85 -1.48 0.00	38.19 -1.47 0.00	38.09 -1.46 0.00	39.33 -1.34 0.00	39.51 -1.56 0.00	40.66 -1.70 0.00	46.14 -2.79 0.00	58.73 -3.29 0.00	70.16 -3.93 0.00	59.54 -3.33 0.00	52.15 -3.50 0.00	46.45 -3.18 0.00	43.38 -2.67 0.00	41.52 -1.96 0.00
ESPRGFLD_115KV_TB1 80157	45.74 1.76 0.00	44.54 1.67 0.00	42.10 1.50 0.00	41.74 1.53 0.00	43.57 1.64 0.00	48.45 2.13 0.00	60.03 3.02 0.00	67.79 3.29 0.00	55.55 2.34 0.00	46.74 1.62 0.00	43.69 1.35 0.00	40.73 1.07 0.00	40.94 1.38 0.00	42.18 1.50 0.00	42.59 1.52 0.00	44.01 1.65 0.00	51.13 2.20 0.00	65.12 3.10 0.00	78.17 4.07 0.00	66.14 3.27 0.00	58.32 2.67 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.22 1.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.25 0.26 0.00	43.13 0.26 0.00	40.84 0.24 0.00	40.45 0.24 0.00	42.22 0.29 0.00	47.01 0.69 0.00	57.98 0.97 0.00	65.67 1.16 0.00	54.00 0.80 0.00	45.61 0.50 0.00	42.84 0.51 0.00	40.02 0.36 0.00	39.95 0.40 0.00	41.12 0.45 0.00	41.48 0.41 0.00	42.82 0.47 0.00	49.56 0.64 0.00	63.07 1.05 0.00	75.42 1.33 0.00	64.00 1.13 0.00	56.32 0.67 0.00	50.13 0.50 0.00	46.51 0.46 0.00	43.83 0.35 0.00
ETNA____115KV_TB2 80207	44.25 0.26 0.00	43.13 0.26 0.00	40.84 0.24 0.00	40.45 0.24 0.00	42.22 0.29 0.00	47.01 0.69 0.00	57.98 0.97 0.00	65.67 1.16 0.00	54.00 0.80 0.00	45.61 0.50 0.00	42.84 0.51 0.00	40.02 0.36 0.00	39.95 0.40 0.00	41.12 0.45 0.00	41.48 0.41 0.00	42.82 0.47 0.00	49.56 0.64 0.00	63.07 1.05 0.00	75.42 1.33 0.00	64.00 1.13 0.00	56.32 0.67 0.00	50.13 0.50 0.00	46.51 0.46 0.00	43.83 0.35 0.00
EUCLID____115KV_TB2 356179	42.71 -1.28 0.00	41.63 -1.24 0.00	39.42 -1.18 0.00	39.05 -1.17 0.00	40.76 -1.17 0.00	45.21 -1.11 0.00	55.58 -1.43 0.00	63.02 -1.48 0.00	51.98 -1.22 0.00	44.07 -1.04 0.00	41.41 -0.93 0.00	38.71 -0.95 0.00	38.64 -0.91 0.00	39.78 -0.89 0.00	40.13 -0.94 0.00	41.38 -0.97 0.00	47.70 -1.22 0.00	60.47 -1.55 0.00	72.31 -1.78 0.00	61.30 -1.57 0.00	54.09 -1.56 0.00	48.29 -1.34 0.00	44.81 -1.24 0.00	42.26 -1.22 0.00
E_CANADA_CAP_HY 24051	46.40 2.42 0.00	45.18 2.31 0.00	42.71 2.11 0.00	42.34 2.13 0.00	44.15 2.22 0.00	49.05 2.73 0.00	60.83 3.82 0.00	68.64 4.13 0.00	55.97 2.76 0.00	47.09 1.98 0.00	43.86 1.52 0.00	40.81 1.15 0.00	41.14 1.58 0.00	42.42 1.75 0.00	42.84 1.76 0.00	44.31 1.95 0.00	51.61 2.69 0.00	65.74 3.72 0.00	78.98 4.89 0.00	66.77 3.90 0.00	58.94 3.28 0.00	52.66 3.03 0.00	48.68 2.62 0.00	45.87 2.39 0.00
E_CANADA_MHWK_HY 24050	44.55 0.57 0.00	43.43 0.56 0.00	41.00 0.41 0.00	40.57 0.36 0.00	42.23 0.30 0.00	46.69 0.37 0.00	57.46 0.45 0.00	65.02 0.51 0.00	53.63 0.42 0.00	45.47 0.36 0.00	42.76 0.42 0.00	40.06 0.40 0.00	40.03 0.48 0.00	41.20 0.53 0.00	41.65 0.57 0.00	42.99 0.64 0.00	49.81 0.88 0.00	63.38 1.36 0.00	75.87 1.78 0.00	64.38 1.51 0.00	56.99 1.33 0.00	50.82 1.19 0.00	47.11 1.06 0.00	44.35 0.87 0.00
E_FISHKILL____LBMP 23776	45.43 1.45 0.00	44.29 1.41 0.00	41.94 1.34 0.00	41.54 1.33 0.00	43.31 1.38 0.00	47.62 1.30 0.00	58.94 1.94 0.00	66.50 2.00 0.00	55.07 1.86 0.00	46.87 1.76 0.00	43.90 1.57 0.00	41.21 1.55 0.00	40.90 1.34 0.00	41.93 1.26 0.00	42.38 1.31 0.00	43.84 1.48 0.00	50.59 1.66 0.00	63.94 1.92 0.00	76.46 2.37 0.00	64.88 2.01 0.00	57.66 2.00 0.00	51.42 1.79 0.00	47.57 1.52 0.00	44.78 1.30 0.00
FALCON____SEABRD_CC1 323796	46.27 2.29 0.00	45.01 2.14 0.00	42.63 2.03 0.00	42.14 1.93 0.00	43.86 1.93 0.00	48.54 2.22 0.00	58.83 1.82 0.00	65.41 0.90 0.00	54.64 1.44 0.00	45.88 0.77 0.00	43.01 0.68 0.00	40.14 0.48 0.00	40.22 0.67 0.00	41.36 0.69 0.00	41.81 0.74 0.00	43.21 0.85 0.00	50.44 1.52 0.00	64.31 2.30 0.00	75.72 1.63 0.00	65.39 2.52 0.00	57.88 2.23 0.00	51.62 1.99 0.00	48.03 1.98 0.00	46.09 2.61 0.00

FALCON___SEABRD_CC2 323797	46.27 2.29 0.00	45.01 2.14 0.00	42.63 2.03 0.00	42.14 1.93 0.00	43.86 1.93 0.00	48.54 2.22 0.00	58.83 1.82 0.00	65.41 0.90 0.00	54.64 1.44 0.00	45.88 0.77 0.00	43.01 0.68 0.00	40.14 0.48 0.00	40.22 0.67 0.00	41.36 0.69 0.00	41.81 0.74 0.00	43.21 0.85 0.00	50.44 1.52 0.00	64.31 2.30 0.00	75.72 1.63 0.00	65.39 2.52 0.00	57.88 2.23 0.00	51.62 1.99 0.00	48.03 1.98 0.00	46.09 2.61 0.00
FAR ROCKAWAY___4 23548	46.80 2.81 0.00	45.57 2.70 0.00	43.03 2.44 0.00	42.66 2.45 0.00	44.49 2.56 0.00	48.96 2.64 0.00	60.77 3.76 0.00	68.37 3.87 0.00	57.78 3.72 -0.85	48.09 2.98 0.00	45.17 2.84 0.00	42.36 2.70 0.00	41.93 2.37 0.00	43.07 2.40 0.00	43.62 2.55 0.00	46.43 3.01 -1.07	55.16 3.42 -2.81	66.17 4.16 0.00	79.13 5.04 0.00	67.02 4.15 0.00	61.32 4.06 -1.61	57.59 3.57 -4.39	49.83 3.09 -0.69	46.32 2.74 -0.10
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.63 2.62 0.00	67.15 2.64 0.00	55.71 2.50 0.00	47.50 2.39 0.00	44.58 2.24 0.00	41.84 2.18 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.43 2.08 0.00	51.22 2.30 0.00	64.68 2.67 0.00	77.35 3.26 0.00	65.58 2.70 0.00	58.38 2.73 0.00	51.96 2.33 0.00	48.08 2.03 0.00	45.18 1.70 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.61 1.68 0.00	47.94 1.62 0.00	59.63 2.62 0.00	67.15 2.64 0.00	55.71 2.50 0.00	47.50 2.39 0.00	44.58 2.24 0.00	41.84 2.18 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.43 2.08 0.00	51.22 2.30 0.00	64.68 2.67 0.00	77.35 3.26 0.00	65.58 2.70 0.00	58.38 2.73 0.00	51.96 2.33 0.00	48.08 2.03 0.00	45.18 1.70 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.57 2.57 0.00	67.08 2.58 0.00	55.65 2.45 0.00	47.46 2.35 0.00	44.54 2.20 0.00	41.80 2.14 0.00	41.41 1.86 0.00	42.38 1.71 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.22 2.30 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.32 2.67 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.13 1.65 0.00
FARRAGUT___LBMP 323566	45.70 1.72 0.00	44.54 1.67 0.00	42.18 1.58 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.85 1.53 0.00	59.51 2.51 0.00	67.02 2.52 0.00	55.60 2.39 0.00	47.41 2.30 0.00	44.50 2.16 0.00	41.76 2.10 0.00	41.37 1.82 0.00	42.34 1.67 0.00	42.84 1.77 0.00	44.35 1.99 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.20 3.11 0.00	65.51 2.64 0.00	58.27 2.62 0.00	51.91 2.28 0.00	47.99 1.93 0.00	45.13 1.65 0.00
FENNER___WINDPWR 24204	44.55 0.57 0.00	43.43 0.56 0.00	41.12 0.53 0.00	40.77 0.56 0.00	42.52 0.59 0.00	47.25 0.93 0.00	58.32 1.31 0.00	66.63 2.13 0.00	54.80 1.59 0.00	46.15 1.04 0.00	43.35 1.01 0.00	40.49 0.83 0.00	40.50 0.95 0.00	41.77 1.10 0.00	42.14 1.07 0.00	43.46 1.10 0.00	49.90 0.98 0.00	63.38 1.36 0.00	75.87 1.78 0.00	64.32 1.45 0.00	56.71 1.05 0.00	50.47 0.84 0.00	46.84 0.78 0.00	44.17 0.69 0.00
FIBERTEK___ENERGY 23856	43.41 -0.57 0.00	42.27 -0.60 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.39 -0.55 0.00	45.95 -0.37 0.00	56.55 -0.46 0.00	64.12 -0.39 0.00	52.78 -0.43 0.00	44.71 -0.41 0.00	42.00 -0.34 0.00	39.26 -0.40 0.00	39.20 -0.36 0.00	40.35 -0.33 0.00	40.70 -0.37 0.00	41.98 -0.38 0.00	48.39 -0.54 0.00	61.46 -0.56 0.00	73.50 -0.59 0.00	62.37 -0.50 0.00	54.99 -0.67 0.00	49.03 -0.60 0.00	45.50 -0.55 0.00	42.91 -0.57 0.00
FITZPATRICK____ 23598	42.18 -1.81 0.00	41.11 -1.76 0.00	38.93 -1.67 0.00	38.56 -1.65 0.00	40.21 -1.72 0.00	44.56 -1.76 0.00	54.78 -2.22 0.00	62.05 -2.45 0.00	51.24 -1.97 0.00	43.44 -1.67 0.00	40.77 -1.57 0.00	38.15 -1.51 0.00	38.05 -1.50 0.00	39.17 -1.50 0.00	39.51 -1.56 0.00	40.75 -1.61 0.00	47.02 -1.91 0.00	59.60 -2.42 0.00	71.28 -2.82 0.00	60.42 -2.45 0.00	53.43 -2.23 0.00	47.64 -1.99 0.00	44.21 -1.84 0.00	41.74 -1.74 0.00
FLOWRFLD_69_KV_BK1 356044	46.88 2.90 0.00	45.70 2.83 0.00	42.95 2.35 0.00	42.62 2.41 0.00	44.61 2.68 0.00	48.87 2.55 0.00	60.60 3.59 0.00	68.05 3.55 0.00	57.99 3.94 -0.85	47.95 2.84 0.00	45.09 2.75 0.00	42.20 2.54 0.00	41.73 2.18 0.00	42.95 2.28 0.00	43.58 2.51 0.00	46.52 3.09 -1.07	55.30 3.57 -2.81	66.36 4.34 0.00	78.76 4.67 0.00	66.83 3.96 0.00	61.43 4.17 -1.61	57.69 3.67 -4.39	49.88 3.13 -0.69	46.37 2.78 -0.10
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.87 1.89 0.00	44.71 1.84 0.00	42.34 1.75 0.00	41.98 1.77 0.00	43.73 1.80 0.00	48.13 1.81 0.00	59.69 2.68 0.00	67.21 2.71 0.00	55.65 2.45 0.00	47.19 2.08 0.00	44.07 1.74 0.00	41.25 1.59 0.00	40.98 1.42 0.00	42.06 1.38 0.00	42.55 1.48 0.00	44.09 1.74 0.00	51.08 2.15 0.00	64.68 2.67 0.00	77.35 3.26 0.00	65.58 2.70 0.00	58.27 2.62 0.00	51.96 2.33 0.00	48.03 1.98 0.00	45.22 1.74 0.00
FORT ORANGE____ 23900	45.04 1.05 0.00	43.94 1.07 0.00	41.65 1.05 0.00	41.26 1.04 0.00	42.98 1.05 0.00	47.34 1.02 0.00	58.32 1.31 0.00	65.92 1.42 0.00	54.27 1.06 0.00	46.01 0.90 0.00	43.10 0.76 0.00	40.49 0.83 0.00	40.30 0.75 0.00	41.41 0.73 0.00	41.85 0.78 0.00	43.03 0.68 0.00	49.56 0.63 0.00	62.82 0.80 0.00	75.13 1.04 0.00	63.63 0.76 0.00	56.43 0.78 0.00	50.42 0.79 0.00	46.79 0.73 0.00	44.35 0.87 0.00
FORT_DRUM_COGEN 23780	46.09 2.11 0.00	44.80 1.93 0.00	42.26 1.66 0.00	41.94 1.73 0.00	43.69 1.76 0.00	48.68 2.36 0.00	60.37 3.36 0.00	68.83 4.32 0.00	56.35 3.14 0.00	46.78 1.67 0.00	44.33 1.99 0.00	41.29 1.63 0.00	41.61 2.06 0.00	43.24 2.56 0.00	43.66 2.59 0.00	45.11 2.75 0.00	51.27 2.35 0.00	65.36 3.35 0.00	78.46 4.37 0.00	66.46 3.58 0.00	58.21 2.56 0.00	51.71 2.08 0.00	48.22 2.16 0.00	45.35 1.87 0.00
FOX_HILLS___ESR 323835	59.06 2.20 -12.88	44.97 2.10 0.00	42.59 1.99 0.00	42.18 1.97 0.00	43.94 2.01 0.00	59.04 1.99 -10.73	60.03 3.02 0.00	67.28 2.77 0.00	58.92 2.61 -3.10	58.89 2.57 -11.21	44.79 2.46 0.00	42.00 2.34 0.00	41.61 2.06 0.00	42.62 1.95 0.00	43.12 2.05 0.00	44.60 2.24 0.00	48.67 2.50 2.75	64.93 2.91 0.00	151.70 3.63 -73.98	149.09 3.02 -83.19	162.37 2.95 -103.77	59.20 2.48 -7.09	61.26 2.35 -12.86	60.72 2.09 -15.15
FPL FAR_ROCK_GT1 24212	46.75 2.77 0.00	45.53 2.66 0.00	43.07 2.48 0.00	42.71 2.49 0.00	44.53 2.60 0.00	49.01 2.69 0.00	60.88 3.88 0.00	68.57 4.07 0.00	57.72 3.67 -0.85	48.09 2.98 0.00	45.22 2.88 0.00	42.44 2.78 0.00	41.97 2.41 0.00	43.15 2.48 0.00	43.66 2.59 0.00	46.43 3.01 -1.07	55.16 3.42 -2.81	66.23 4.22 0.00	79.28 5.18 -0.01	67.09 4.21 -0.01	61.33 4.06 -1.61	57.60 3.58 -4.40	49.88 3.13 -0.69	46.24 2.65 -0.10

FPL FAR_ROCK_GT2 23815	46.75 2.77 0.00	45.53 2.66 0.00	43.07 2.48 0.00	42.71 2.49 0.00	44.53 2.60 0.00	49.01 2.69 0.00	60.88 3.88 0.00	68.57 4.07 0.00	57.72 3.67 -0.85	48.09 2.98 0.00	45.22 2.88 0.00	42.44 2.78 0.00	41.97 2.41 0.00	43.15 2.48 0.00	43.66 2.59 0.00	46.43 3.01 -1.07	55.16 3.42 -2.81	66.23 4.22 0.00	79.28 5.18 -0.01	67.09 4.21 -0.01	61.33 4.06 -1.61	57.60 3.58 -4.40	49.88 3.13 -0.69	46.24 2.65 -0.10
FRANKLIN_FALL_HYD 24054	46.18 2.20 0.00	44.93 2.06 0.00	42.51 1.91 0.00	42.06 1.85 0.00	43.78 1.84 0.00	48.45 2.13 0.00	59.40 2.39 0.00	67.21 2.71 0.00	55.12 1.92 0.00	46.33 1.22 0.00	43.56 1.23 0.00	40.73 1.07 0.00	40.90 1.34 0.00	42.14 1.46 0.00	42.55 1.48 0.00	43.97 1.61 0.00	51.13 2.20 0.00	64.87 2.85 0.00	77.28 3.19 0.00	65.83 2.95 0.00	58.16 2.50 0.00	51.96 2.33 0.00	48.40 2.35 0.00	45.87 2.39 0.00
FREEPORT_EQUS_GT1 23764	46.44 2.46 0.00	45.23 2.36 0.00	42.79 2.19 0.00	42.42 2.21 0.00	44.23 2.30 0.00	48.68 2.36 0.00	60.43 3.42 0.00	67.73 3.22 0.00	57.19 3.14 -0.85	47.59 2.48 0.00	44.62 2.28 0.00	42.04 2.38 0.00	41.57 2.02 0.00	42.75 2.07 0.00	43.29 2.22 0.00	46.26 2.84 -1.07	54.82 3.08 -2.81	65.74 3.72 0.00	78.69 4.60 0.00	66.52 3.65 0.00	60.88 3.62 -1.61	57.20 3.18 -4.39	49.60 2.86 -0.69	45.97 2.39 -0.10
FREEPORT___CT2 23818	46.44 2.46 0.00	45.23 2.36 0.00	42.79 2.19 0.00	42.42 2.21 0.00	44.23 2.30 0.00	48.68 2.36 0.00	60.43 3.42 0.00	67.73 3.22 0.00	57.19 3.14 -0.85	47.59 2.48 0.00	44.62 2.28 0.00	42.04 2.38 0.00	41.57 2.02 0.00	42.75 2.07 0.00	43.29 2.22 0.00	46.26 2.84 -1.07	54.82 3.08 -2.81	65.74 3.72 0.00	78.69 4.60 0.00	66.52 3.65 0.00	60.88 3.62 -1.61	57.20 3.18 -4.39	49.60 2.86 -0.69	45.97 2.39 -0.10
FRESHKLS_33_KV_LOAD 356253	58.97 2.11 -12.88	44.93 2.06 0.00	42.51 1.91 0.00	42.14 1.93 0.00	43.86 1.93 0.00	58.95 1.90 -10.73	59.91 2.91 0.00	66.29 2.58 0.80	58.75 2.45 -3.10	58.70 2.39 -11.20	44.61 2.29 0.01	41.87 2.22 0.01	41.44 1.90 0.01	42.45 1.79 0.01	42.95 1.89 0.01	44.47 2.12 0.01	48.52 2.35 2.75	47.35 2.73 17.39	52.54 3.41 24.96	58.93 2.83 6.77	61.14 2.78 -2.70	59.05 2.33 -7.09	61.17 2.26 -12.86	60.63 2.00 -15.15
FULTON COGEN____ 23766	43.85 -0.13 0.00	42.70 -0.17 0.00	40.43 -0.16 0.00	40.09 -0.12 0.00	41.85 -0.08 0.00	46.51 0.19 0.00	57.35 0.34 0.00	65.09 0.58 0.00	53.53 0.32 0.00	45.16 0.05 0.00	42.59 0.25 0.00	39.74 0.08 0.00	39.71 0.16 0.00	40.92 0.24 0.00	41.32 0.25 0.00	42.61 0.25 0.00	48.88 -0.05 0.00	62.08 0.06 0.00	74.24 0.15 0.00	63.00 0.13 0.00	55.49 -0.17 0.00	49.43 -0.20 0.00	45.92 -0.14 0.00	43.26 -0.22 0.00
FULTON___LFGE 323630	46.75 2.77 0.00	45.53 2.66 0.00	43.03 2.44 0.00	42.66 2.45 0.00	44.49 2.56 0.00	49.33 3.01 0.00	61.17 4.16 0.00	68.95 4.45 0.00	56.34 3.14 0.00	47.46 2.34 0.00	44.24 1.91 0.00	41.17 1.51 0.00	41.41 1.86 0.00	42.67 1.99 0.00	43.12 2.05 0.00	44.60 2.24 0.00	51.91 2.98 0.00	66.17 4.16 0.00	79.50 5.41 0.00	67.21 4.33 0.00	59.38 3.73 0.00	52.95 3.33 0.00	48.96 2.90 0.00	46.18 2.70 0.00
G.F.CEMENT___DRP 24184	47.94 3.96 0.00	46.73 3.86 0.00	44.17 3.57 0.00	43.75 3.54 0.00	45.66 3.73 0.00	49.33 3.01 0.00	60.83 3.82 0.00	68.70 4.19 0.00	56.45 3.25 0.00	47.82 2.71 0.00	44.41 2.07 0.00	41.60 1.94 0.00	41.33 1.78 0.00	42.58 1.91 0.00	43.04 1.97 0.00	44.60 2.24 0.00	51.81 2.89 0.00	66.05 4.03 0.00	79.28 5.19 0.00	66.90 4.02 0.00	59.21 3.56 0.00	52.85 3.23 0.00	48.95 2.90 0.00	47.39 3.91 0.00
GARDENVILLE___LBMP 24039	41.43 -2.55 0.00	40.47 -2.40 0.00	38.40 -2.19 0.00	38.00 -2.21 0.00	39.67 -2.26 0.00	44.42 -1.90 0.00	54.10 -2.91 0.00	60.89 -3.61 0.00	50.17 -3.03 0.00	42.90 -2.21 0.00	40.60 -1.74 0.00	38.03 -1.63 0.00	37.93 -1.62 0.00	39.17 -1.50 0.00	39.30 -1.77 0.00	40.49 -1.86 0.00	45.84 -3.08 0.00	58.42 -3.60 0.00	69.94 -4.15 0.00	59.16 -3.71 0.00	51.53 -4.12 0.00	46.06 -3.57 0.00	43.11 -2.95 0.00	40.91 -2.57 0.00
GARDNVLA_35_KV_LD 355827	41.61 -2.38 0.00	40.64 -2.23 0.00	38.61 -1.99 0.00	38.16 -2.05 0.00	39.83 -2.10 0.00	44.61 -1.71 0.00	54.33 -2.68 0.00	61.15 -3.35 0.00	50.39 -2.82 0.00	43.13 -1.98 0.00	40.77 -1.57 0.00	38.23 -1.43 0.00	38.13 -1.42 0.00	39.37 -1.30 0.00	39.47 -1.60 0.00	40.71 -1.65 0.00	46.09 -2.84 0.00	58.73 -3.29 0.00	70.31 -3.78 0.00	59.48 -3.40 0.00	51.76 -3.90 0.00	46.30 -3.33 0.00	43.34 -2.72 0.00	41.13 -2.35 0.00
GELCKHM___115KV_LOAD 80723	42.97 -1.01 0.00	41.89 -0.99 0.00	39.66 -0.93 0.00	39.29 -0.92 0.00	40.97 -0.96 0.00	45.49 -0.83 0.00	55.98 -1.03 0.00	63.41 -1.10 0.00	52.25 -0.96 0.00	44.30 -0.81 0.00	41.62 -0.72 0.00	38.91 -0.75 0.00	38.84 -0.71 0.00	39.98 -0.69 0.00	40.33 -0.74 0.00	41.60 -0.76 0.00	47.95 -0.98 0.00	60.84 -1.18 0.00	72.76 -1.33 0.00	61.68 -1.19 0.00	54.43 -1.22 0.00	48.54 -1.09 0.00	45.09 -0.97 0.00	42.52 -0.96 0.00
GENERAL___MILLS 23808	41.56 -2.42 0.00	40.60 -2.27 0.00	38.53 -2.07 0.00	38.12 -2.09 0.00	39.79 -2.14 0.00	44.56 -1.76 0.00	54.27 -2.74 0.00	61.02 -3.48 0.00	50.33 -2.87 0.00	43.04 -2.08 0.00	40.73 -1.61 0.00	38.15 -1.51 0.00	38.09 -1.46 0.00	39.29 -1.38 0.00	39.43 -1.64 0.00	40.62 -1.74 0.00	45.99 -2.94 0.00	58.60 -3.41 0.00	70.16 -3.93 0.00	59.35 -3.52 0.00	51.70 -3.95 0.00	46.20 -3.42 0.00	43.24 -2.81 0.00	41.05 -2.43 0.00
GE_PLASTICS___DRP 24183	44.82 0.84 0.00	43.73 0.86 0.00	41.45 0.85 0.00	41.06 0.84 0.00	42.77 0.84 0.00	47.15 0.83 0.00	58.03 1.03 0.00	65.60 1.10 0.00	54.16 0.96 0.00	45.97 0.86 0.00	43.10 0.76 0.00	40.45 0.79 0.00	40.26 0.71 0.00	41.36 0.69 0.00	41.81 0.74 0.00	42.99 0.64 0.00	49.56 0.64 0.00	62.76 0.74 0.00	75.05 0.96 0.00	63.63 0.75 0.00	56.43 0.78 0.00	50.37 0.74 0.00	46.74 0.69 0.00	44.26 0.78 0.00
GILBOA___1 23756	44.86 0.88 0.00	43.73 0.86 0.00	41.41 0.81 0.00	41.02 0.80 0.00	42.77 0.84 0.00	47.15 0.83 0.00	58.15 1.14 0.00	65.73 1.22 0.00	54.21 1.01 0.00	46.06 0.95 0.00	43.18 0.85 0.00	40.49 0.83 0.00	40.46 0.91 0.00	41.57 0.89 0.00	41.97 0.90 0.00	43.16 0.80 0.00	49.81 0.88 0.00	63.07 1.05 0.00	75.43 1.34 0.00	63.94 1.07 0.00	56.71 1.05 0.00	50.57 0.94 0.00	46.88 0.83 0.00	44.17 0.69 0.00
GILBOA___2 23757	44.86 0.88 0.00	43.73 0.86 0.00	41.41 0.81 0.00	41.02 0.80 0.00	42.77 0.84 0.00	47.15 0.83 0.00	58.15 1.14 0.00	65.73 1.22 0.00	54.21 1.01 0.00	46.06 0.95 0.00	43.18 0.85 0.00	40.49 0.83 0.00	40.46 0.91 0.00	41.57 0.89 0.00	41.97 0.90 0.00	43.16 0.80 0.00	49.81 0.88 0.00	63.07 1.05 0.00	75.43 1.34 0.00	63.94 1.07 0.00	56.71 1.05 0.00	50.57 0.94 0.00	46.88 0.83 0.00	44.17 0.69 0.00

GILBOA___3 23758	44.86 0.88 0.00	43.73 0.86 0.00	41.41 0.81 0.00	41.02 0.80 0.00	42.77 0.84 0.00	47.15 0.83 0.00	58.15 1.14 0.00	65.73 1.22 0.00	54.21 1.01 0.00	46.06 0.95 0.00	43.18 0.85 0.00	40.49 0.83 0.00	40.46 0.91 0.00	41.57 0.89 0.00	41.97 0.90 0.00	43.16 0.80 0.00	49.81 0.88 0.00	63.07 1.05 0.00	75.43 1.34 0.00	63.94 1.07 0.00	56.71 1.05 0.00	50.57 0.94 0.00	46.88 0.83 0.00	44.17 0.69 0.00
GILBOA___4 23759	44.86 0.88 0.00	43.73 0.86 0.00	41.41 0.81 0.00	41.02 0.80 0.00	42.77 0.84 0.00	47.15 0.83 0.00	58.15 1.14 0.00	65.73 1.22 0.00	54.21 1.01 0.00	46.06 0.95 0.00	43.18 0.85 0.00	40.49 0.83 0.00	40.46 0.91 0.00	41.57 0.89 0.00	41.97 0.90 0.00	43.16 0.80 0.00	49.81 0.88 0.00	63.07 1.05 0.00	75.43 1.34 0.00	63.94 1.07 0.00	56.71 1.05 0.00	50.57 0.94 0.00	46.88 0.83 0.00	44.17 0.69 0.00
GILBOA___ 23599	44.82 0.84 0.00	43.73 0.86 0.00	41.41 0.81 0.00	41.02 0.80 0.00	42.77 0.84 0.00	47.15 0.83 0.00	58.15 1.14 0.00	65.67 1.16 0.00	54.27 1.06 0.00	46.10 0.99 0.00	43.18 0.85 0.00	40.49 0.83 0.00	40.46 0.91 0.00	41.57 0.89 0.00	41.97 0.90 0.00	43.16 0.80 0.00	49.85 0.93 0.00	63.13 1.12 0.00	75.42 1.33 0.00	64.00 1.13 0.00	56.77 1.11 0.00	50.57 0.94 0.00	46.88 0.83 0.00	44.22 0.74 0.00
GINNA___ 23603	40.11 -3.87 0.00	39.14 -3.73 0.00	37.11 -3.49 0.00	36.75 -3.46 0.00	38.41 -3.52 0.00	42.80 -3.52 0.00	52.33 -4.67 0.00	59.47 -5.03 0.00	49.32 -3.88 0.00	41.82 -3.29 0.00	39.20 -3.13 0.00	36.61 -3.05 0.00	36.54 -3.01 0.00	37.74 -2.93 0.00	38.03 -3.04 0.00	39.10 -3.26 0.00	44.96 -3.96 0.00	57.18 -4.84 0.00	68.24 -5.85 0.00	57.90 -4.97 0.00	51.03 -4.62 0.00	45.41 -4.22 0.00	42.19 -3.87 0.00	40.00 -3.48 0.00
GLEN PARK___ 23778	46.40 2.42 0.00	45.10 2.23 0.00	42.55 1.95 0.00	42.22 2.01 0.00	43.94 2.01 0.00	49.05 2.73 0.00	60.88 3.88 0.00	69.34 4.84 0.00	56.83 3.62 0.00	47.09 1.98 0.00	44.58 2.24 0.00	41.53 1.86 0.00	41.81 2.25 0.00	43.48 2.80 0.00	43.86 2.79 0.00	45.37 3.01 0.00	51.61 2.69 0.00	65.92 3.91 0.00	79.06 4.96 0.00	66.96 4.08 0.00	58.66 3.00 0.00	52.11 2.48 0.00	48.49 2.44 0.00	45.61 2.13 0.00
GLENDALE_27_KV_LOAD 356172	46.14 2.16 0.00	44.97 2.10 0.00	42.55 1.95 0.00	42.18 1.97 0.00	43.94 2.01 0.00	48.31 1.99 0.00	60.08 3.08 0.00	67.47 2.97 0.00	55.97 2.77 0.00	47.77 2.66 0.00	44.88 2.54 0.00	42.12 2.46 0.00	41.69 2.14 0.00	42.71 2.03 0.00	43.21 2.14 0.00	44.73 2.37 0.00	51.57 2.64 0.00	65.12 3.10 0.00	77.87 3.78 0.00	66.02 3.14 0.00	58.77 3.12 0.00	52.21 2.58 0.00	48.45 2.39 0.00	45.57 2.09 -0.01
GLENWOOD_IC_1_G5 23712	46.49 2.51 0.00	45.27 2.40 0.00	42.71 2.11 0.00	42.38 2.17 0.00	44.19 2.26 0.00	48.64 2.32 0.00	60.37 3.36 0.00	67.79 3.29 0.00	57.40 3.35 -0.85	47.82 2.71 0.00	44.92 2.58 0.00	42.12 2.46 0.00	41.69 2.14 0.00	42.83 2.16 0.00	43.37 2.30 0.00	46.18 2.75 -1.07	54.82 3.08 -2.81	65.12 3.10 0.00	77.80 3.70 0.00	65.95 3.08 0.00	60.88 3.62 -1.61	57.15 3.13 -4.39	49.51 2.76 -0.69	46.02 2.43 -0.10
GLENWOOD_IC_2_G1 23688	46.31 2.33 0.00	45.10 2.23 0.00	42.67 2.07 0.00	42.34 2.13 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.25 3.25 0.00	67.86 3.35 0.00	57.19 3.14 -0.85	47.68 2.57 0.00	44.83 2.50 0.00	42.12 2.46 0.00	41.65 2.09 0.00	42.79 2.11 0.00	43.29 2.22 0.00	46.10 2.67 -1.07	54.67 2.94 -2.81	65.42 3.41 0.00	78.24 4.15 0.00	66.20 3.33 0.00	60.66 3.40 -1.61	57.05 3.03 -4.39	49.41 2.67 -0.69	45.80 2.22 -0.10
GLENWOOD_IC_3_G1 23689	46.31 2.33 0.00	45.10 2.23 0.00	42.67 2.07 0.00	42.34 2.13 0.00	44.11 2.18 0.00	48.54 2.22 0.00	60.25 3.25 0.00	67.86 3.35 0.00	57.19 3.14 -0.85	47.68 2.57 0.00	44.83 2.50 0.00	42.12 2.46 0.00	41.65 2.09 0.00	42.79 2.11 0.00	43.29 2.22 0.00	46.10 2.67 -1.07	54.67 2.94 -2.81	65.42 3.41 0.00	78.24 4.15 0.00	66.20 3.33 0.00	60.66 3.40 -1.61	57.05 3.03 -4.39	49.41 2.67 -0.69	45.80 2.22 -0.10
GLENWOOD___4 23550	46.49 2.51 0.00	45.27 2.40 0.00	42.71 2.11 0.00	42.38 2.17 0.00	44.19 2.26 0.00	48.64 2.32 0.00	60.37 3.36 0.00	67.79 3.29 0.00	57.40 3.35 -0.85	47.82 2.71 0.00	44.92 2.58 0.00	42.12 2.46 0.00	41.69 2.14 0.00	42.83 2.16 0.00	43.37 2.30 0.00	46.18 2.75 -1.07	54.82 3.08 -2.81	65.30 3.29 0.00	78.02 3.93 0.00	66.08 3.21 0.00	60.88 3.62 -1.61	57.15 3.13 -4.39	49.51 2.76 -0.69	46.02 2.43 -0.10
GLENWOOD___5 23614	46.49 2.51 0.00	45.27 2.40 0.00	42.71 2.11 0.00	42.38 2.17 0.00	44.19 2.26 0.00	48.64 2.32 0.00	60.37 3.36 0.00	67.79 3.29 0.00	57.40 3.35 -0.85	47.82 2.71 0.00	44.92 2.58 0.00	42.12 2.46 0.00	41.69 2.14 0.00	42.83 2.16 0.00	43.37 2.30 0.00	46.18 2.75 -1.07	54.82 3.08 -2.81	65.30 3.29 0.00	78.02 3.93 0.00	66.08 3.21 0.00	60.88 3.62 -1.61	57.15 3.13 -4.39	49.51 2.76 -0.69	46.02 2.43 -0.10
GLOBAL GREEN_PORT_GT1 23814	46.62 2.64 0.00	45.31 2.44 0.00	42.75 2.15 0.00	42.46 2.25 0.00	44.49 2.56 0.00	48.59 2.27 0.00	60.25 3.25 0.00	67.86 3.35 0.00	57.88 3.83 -0.85	47.68 2.57 0.00	44.62 2.28 0.00	41.80 2.14 0.00	41.14 1.58 0.00	42.34 1.67 0.00	42.96 1.89 0.00	45.97 2.54 -1.07	54.62 2.89 -2.81	65.92 3.91 0.00	79.35 5.26 0.00	67.09 4.21 0.00	61.88 4.62 -1.61	58.14 4.12 -4.39	50.20 3.46 -0.69	46.67 3.09 -0.10
GLOBE___DSASP 323697	39.58 -4.40 0.00	38.63 -4.24 0.00	36.66 -3.94 0.00	36.27 -3.94 0.00	37.86 -4.07 0.00	42.38 -3.94 0.00	51.31 -5.70 0.00	57.93 -6.58 0.00	47.89 -5.32 0.00	41.05 -4.06 0.00	38.82 -3.51 0.00	36.41 -3.25 0.00	36.31 -3.24 0.00	37.46 -3.21 0.00	37.58 -3.49 0.00	38.67 -3.69 0.00	43.69 -5.23 0.00	55.57 -6.45 0.00	66.39 -7.71 0.00	56.21 -6.66 0.00	49.09 -6.57 0.00	43.97 -5.66 0.00	41.17 -4.88 0.00	39.05 -4.43 0.00
GOETHSLN___LBMP 323567	45.43 1.45 0.00	44.29 1.41 0.00	41.94 1.34 0.00	41.62 1.41 0.00	43.31 1.38 0.00	47.57 1.25 0.00	59.17 2.17 0.00	65.76 2.06 0.81	55.28 2.08 0.00	47.14 2.03 0.00	44.24 1.91 0.00	41.52 1.86 0.00	41.10 1.54 0.00	42.10 1.42 0.00	42.55 1.48 0.00	44.09 1.74 0.00	48.09 1.91 2.74	46.80 2.17 17.38	51.80 2.67 24.95	58.31 2.20 6.76	57.93 2.28 0.00	51.61 1.99 0.00	47.71 1.66 0.00	44.87 1.39 0.00
GOLAH___69_KV_TB 1_2 80279	41.74 -2.24 0.00	40.64 -2.23 0.00	38.61 -1.99 0.00	38.24 -1.97 0.00	39.96 -1.97 0.00	44.65 -1.67 0.00	54.38 -2.62 0.00	61.60 -2.90 0.00	50.76 -2.45 0.00	43.17 -1.94 0.00	40.64 -1.69 0.00	38.03 -1.63 0.00	37.93 -1.62 0.00	39.17 -1.50 0.00	39.43 -1.64 0.00	40.58 -1.78 0.00	46.43 -2.50 0.00	59.16 -2.85 0.00	70.76 -3.33 0.00	59.98 -2.89 0.00	52.59 -3.06 0.00	46.90 -2.73 0.00	43.66 -2.39 0.00	41.35 -2.13 0.00

GOODYEAR_LAKE_HYD 323669	45.30 1.32 0.00	44.16 1.29 0.00	41.77 1.18 0.00	41.42 1.21 0.00	43.19 1.26 0.00	47.94 1.62 0.00	59.29 2.28 0.00	67.02 2.52 0.00	55.12 1.92 0.00	46.51 1.40 0.00	43.61 1.27 0.00	40.77 1.11 0.00	40.78 1.23 0.00	42.01 1.34 0.00	42.38 1.31 0.00	43.71 1.36 0.00	50.64 1.71 0.00	64.37 2.36 0.00	77.13 3.04 0.00	65.39 2.51 0.00	57.71 2.06 0.00	51.32 1.69 0.00	47.53 1.47 0.00	44.78 1.30 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.72 -0.26 0.00	42.61 -0.26 0.00	40.39 -0.20 0.00	40.01 -0.20 0.00	41.76 -0.17 0.00	46.41 0.09 0.00	57.12 0.11 0.00	64.50 0.00 0.00	53.05 -0.16 0.00	45.02 -0.09 0.00	42.29 -0.04 0.00	39.58 -0.08 0.00	39.47 -0.08 0.00	40.63 -0.04 0.00	40.95 -0.12 0.00	42.27 -0.08 0.00	48.68 -0.24 0.00	61.83 -0.19 0.00	73.94 -0.15 0.00	62.75 -0.13 0.00	55.26 -0.39 0.00	49.18 -0.45 0.00	45.69 -0.37 0.00	43.18 -0.30 0.00
GOUDEY___7 23579	43.72 -0.26 0.00	42.61 -0.26 0.00	40.39 -0.20 0.00	40.01 -0.20 0.00	41.76 -0.17 0.00	46.41 0.09 0.00	57.12 0.11 0.00	64.50 0.00 0.00	53.05 -0.16 0.00	45.02 -0.09 0.00	42.29 -0.04 0.00	39.58 -0.08 0.00	39.47 -0.08 0.00	40.63 -0.04 0.00	40.95 -0.12 0.00	42.27 -0.08 0.00	48.68 -0.24 0.00	61.83 -0.19 0.00	73.94 -0.15 0.00	62.75 -0.13 0.00	55.26 -0.39 0.00	49.18 -0.45 0.00	45.69 -0.37 0.00	43.18 -0.30 0.00
GOUDEY___8 23580	43.72 -0.26 0.00	42.61 -0.26 0.00	40.39 -0.20 0.00	40.01 -0.20 0.00	41.76 -0.17 0.00	46.41 0.09 0.00	57.12 0.11 0.00	64.50 0.00 0.00	53.05 -0.16 0.00	45.02 -0.09 0.00	42.29 -0.04 0.00	39.58 -0.08 0.00	39.47 -0.08 0.00	40.63 -0.04 0.00	40.95 -0.12 0.00	42.27 -0.08 0.00	48.68 -0.24 0.00	61.83 -0.19 0.00	73.94 -0.15 0.00	62.75 -0.13 0.00	55.26 -0.39 0.00	49.18 -0.45 0.00	45.69 -0.37 0.00	43.18 -0.30 0.00
GOWANUS_GT1_1 24077	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT1_2 24078	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT1_3 24079	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT1_4 24080	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT1_5 24084	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT1_6 24111	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT1_7 24112	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT1_8 24113	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT2_1 24114	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
GOWANUS_GT2_2 24115	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
GOWANUS_GT2_3 24116	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15

GOWANUS_GT2_4 24117	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
GOWANUS_GT2_5 24118	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
GOWANUS_GT2_6 24119	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
GOWANUS_GT2_7 24120	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
GOWANUS_GT2_8 24121	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
GOWANUS_GT3_1 24122	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
GOWANUS_GT3_2 24123	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
GOWANUS_GT3_3 24124	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0																					

GOWANUS_GT4_3 24132	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT4_4 24133	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT4_5 24134	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT4_6 24135	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT4_7 24136	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GOWANUS_GT4_8 24137	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GREENBSH_115KV_TB3 55895	44.73 0.75 0.00	43.64 0.77 0.00	41.41 0.81 0.00	41.02 0.80 0.00	42.69 0.75 0.00	47.01 0.69 0.00	57.92 0.91 0.00	65.41 0.90 0.00	54.06 0.85 0.00	45.88 0.77 0.00	42.97 0.64 0.00	40.41 0.75 0.00	40.22 0.67 0.00	41.32 0.65 0.00	41.77 0.70 0.00	42.78 0.42 0.00	49.32 0.39 0.00	62.39 0.37 0.00	74.61 0.52 0.00	63.19 0.31 0.00	56.10 0.45 0.00	50.13 0.50 0.00	46.51 0.46 0.00	44.13 0.65 0.00
GREENIDGE_115KV_TB5 80291	43.37 -0.62 0.00	42.23 -0.64 0.00	40.07 -0.53 0.00	39.69 -0.52 0.00	41.47 -0.46 0.00	46.37 0.05 0.00	56.61 -0.40 0.00	64.12 -0.39 0.00	52.99 -0.21 0.00	44.84 -0.27 0.00	42.17 -0.17 0.00	39.38 -0.28 0.00	39.32 -0.24 0.00	40.55 -0.12 0.00	40.87 -0.21 0.00	42.19 -0.17 0.00	48.68 -0.24 0.00	61.52 -0.50 0.00	73.65 -0.44 0.00	62.43 -0.44 0.00	55.15 -0.50 0.00	48.98 -0.65 0.00	45.50 -0.55 0.00	42.96 -0.52 0.00
GREENIDGE___3 23582	43.37 -0.62 0.00	42.23 -0.64 0.00	40.07 -0.53 0.00	39.69 -0.52 0.00	41.47 -0.46 0.00	46.37 0.05 0.00	56.61 -0.40 0.00	64.12 -0.39 0.00	52.99 -0.21 0.00	44.84 -0.27 0.00	42.17 -0.17 0.00	39.38 -0.28 0.00	39.32 -0.24 0.00	40.55 -0.12 0.00	40.87 -0.21 0.00	42.19 -0.17 0.00	48.68 -0.24 0.00	61.52 -0.50 0.00	73.65 -0.44 0.00	62.43 -0.44 0.00	55.15 -0.50 0.00	48.98 -0.65 0.00	45.50 -0.55 0.00	42.96 -0.52 0.00
GREENIDGE___4 23583	43.32 -0.66 0.00	42.23 -0.64 0.00	40.07 -0.53 0.00	39.69 -0.52 0.00	41.47 -0.46 0.00	46.37 0.05 0.00	56.61 -0.40 0.00	64.12 -0.38 0.00	53.26 0.05 0.00	45.02 -0.09 0.00	42.25 -0.08 0.00	39.38 -0.28 0.00	39.32 -0.24 0.00	40.55 -0.12 0.00	40.91 -0.16 0.00	42.19 -0.17 0.00	48.73 -0.19 0.00	61.58 -0.43 0.00	73.72 -0.37 0.00	62.50 -0.37 0.00	55.32 -0.33 0.00	49.08 -0.54 0.00	45.59 -0.46 0.00	43.13 -0.35 0.00
GREENLWN_69_KV_BK 3 55738	46.58 2.59 0.00	45.40 2.53 0.00	42.79 2.19 0.00	42.46 2.25 0.00	44.32 2.39 0.00	48.73 2.41 0.00	60.43 3.42 0.00	67.86 3.35 0.00	57.56 3.51 -0.85	47.86 2.75 0.00	44.96 2.62 0.00	42.16 2.50 0.00	41.73 2.18 0.00	42.87 2.20 0.00	43.45 2.38 0.00	46.26 2.84 -1.07	54.96 3.23 -2.81	65.80 3.78 0.00	78.46 4.37 0.00	66.52 3.65 0.00	60.99 3.73 -1.61	57.30 3.28 -4.39	49.60 2.86 -0.69	46.10 2.52 -0.10
GREENWD_138_KV_38B11_REV_LBMP_J 345004	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15
GRISSOM___SOLAR 323813	46.62 2.64 0.00	45.40 2.53 0.00	42.91 2.31 0.00	42.54 2.33 0.00	44.36 2.43 0.00	49.19 2.87 0.00	60.88 3.88 0.00	68.70 4.19 0.00	56.18 2.98 0.00	47.41 2.30 0.00	44.20 1.86 0.00	41.21 1.55 0.00	41.33 1.78 0.00	42.58 1.91 0.00	43.04 1.97 0.00	44.52 2.16 0.00	51.76 2.84 0.00	65.92 3.91 0.00	79.13 5.04 0.00	66.96 4.08 0.00	59.16 3.51 0.00	52.76 3.13 0.00	48.82 2.76 0.00	46.04 2.56 0.00
GROVEVILLE___HYD 323602	45.87 1.89 0.00	44.71 1.84 0.00	42.34 1.75 0.00	41.98 1.77 0.00	43.73 1.80 0.00	48.13 1.81 0.00	59.69 2.68 0.00	67.21 2.71 0.00	55.65 2.45 0.00	47.19 2.08 0.00	44.07 1.74 0.00	41.25 1.59 0.00	40.98 1.42 0.00	42.06 1.38 0.00	42.55 1.48 0.00	44.09 1.74 0.00	51.08 2.15 0.00	64.68 2.67 0.00	77.35 3.26 0.00	65.58 2.70 0.00	58.27 2.62 0.00	51.96 2.33 0.00	48.03 1.98 0.00	45.22 1.74 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.41 -0.57 0.00	42.27 -0.60 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.39 -0.55 0.00	45.95 -0.37 0.00	56.55 -0.46 0.00	64.12 -0.39 0.00	52.78 -0.43 0.00	44.71 -0.41 0.00	42.00 -0.34 0.00	39.26 -0.40 0.00	39.20 -0.36 0.00	40.35 -0.33 0.00	40.70 -0.37 0.00	41.98 -0.38 0.00	48.39 -0.54 0.00	61.46 -0.56 0.00	73.50 -0.59 0.00	62.37 -0.50 0.00	54.99 -0.67 0.00	49.03 -0.60 0.00	45.50 -0.55 0.00	42.91 -0.57 0.00

HAMLTNNY_34_KV_TB 80303	43.23 -0.75 0.00	42.10 -0.77 0.00	39.91 -0.69 0.00	39.53 -0.68 0.00	41.26 -0.67 0.00	45.81 -0.51 0.00	56.38 -0.63 0.00	63.92 -0.58 0.00	52.62 -0.59 0.00	44.57 -0.54 0.00	41.91 -0.42 0.00	39.15 -0.52 0.00	39.08 -0.47 0.00	40.23 -0.45 0.00	40.58 -0.49 0.00	41.85 -0.51 0.00	48.29 -0.64 0.00	61.27 -0.74 0.00	73.28 -0.81 0.00	62.12 -0.75 0.00	54.82 -0.83 0.00	48.83 -0.79 0.00	45.36 -0.69 0.00	42.74 -0.74 0.00
HAMPSHIRE___PAPER_HYD 323593	45.30 1.32 0.00	44.12 1.24 0.00	41.65 1.05 0.00	41.30 1.09 0.00	42.90 0.97 0.00	47.43 1.11 0.00	58.49 1.48 0.00	66.18 1.67 0.00	54.43 1.22 0.00	45.56 0.45 0.00	43.01 0.68 0.00	40.29 0.63 0.00	40.66 1.11 0.00	42.13 1.46 0.00	42.55 1.48 0.00	43.93 1.57 0.00	50.49 1.57 0.00	64.00 1.98 0.00	76.39 2.30 0.00	64.82 1.95 0.00	57.10 1.44 0.00	51.07 1.44 0.00	47.76 1.70 0.00	45.04 1.56 0.00
HARDSCRABBLE_WT_PWR 323673	44.38 0.39 0.00	43.21 0.34 0.00	40.80 0.20 0.00	40.37 0.16 0.00	42.01 0.08 0.00	46.46 0.14 0.00	57.18 0.17 0.00	64.70 0.19 0.00	53.42 0.21 0.00	45.25 0.14 0.00	42.55 0.21 0.00	39.90 0.24 0.00	39.83 0.28 0.00	41.04 0.37 0.00	41.48 0.41 0.00	42.82 0.47 0.00	49.66 0.73 0.00	63.13 1.12 0.00	75.57 1.48 0.00	64.13 1.26 0.00	56.77 1.11 0.00	50.62 0.99 0.00	46.93 0.87 0.00	44.17 0.69 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.48 1.50 0.00	44.29 1.41 0.00	41.98 1.38 0.00	41.58 1.37 0.00	43.36 1.43 0.00	47.66 1.34 0.00	59.06 2.05 0.00	66.57 2.06 0.00	55.12 1.92 0.00	46.83 1.71 0.00	43.86 1.52 0.00	41.09 1.43 0.00	40.82 1.27 0.00	41.85 1.18 0.00	42.30 1.23 0.00	43.84 1.48 0.00	50.64 1.71 0.00	64.00 1.98 0.00	76.54 2.44 0.00	64.95 2.07 0.00	57.71 2.06 0.00	51.42 1.79 0.00	47.57 1.52 0.00	44.83 1.35 0.00
HARSNRAD_115KV_TB1 81005	40.42 -3.56 0.00	39.48 -3.39 0.00	37.47 -3.13 0.00	37.03 -3.18 0.00	38.70 -3.23 0.00	43.31 -3.01 0.00	52.56 -4.45 0.00	59.34 -5.16 0.00	49.00 -4.20 0.00	41.91 -3.20 0.00	39.63 -2.71 0.00	37.16 -2.50 0.00	37.06 -2.49 0.00	38.27 -2.40 0.00	38.40 -2.67 0.00	39.52 -2.84 0.00	44.72 -4.21 0.00	56.99 -5.02 0.00	68.09 -6.00 0.00	57.65 -5.22 0.00	50.25 -5.40 0.00	45.01 -4.62 0.00	42.14 -3.91 0.00	39.91 -3.57 0.00
HARZA MOOSE___RIVER 24016	45.04 1.06 0.00	43.81 0.94 0.00	41.41 0.81 0.00	41.06 0.84 0.00	42.77 0.84 0.00	47.52 1.20 0.00	58.77 1.77 0.00	66.83 2.32 0.00	55.01 1.81 0.00	46.10 0.99 0.00	43.44 1.10 0.00	40.65 0.99 0.00	40.90 1.34 0.00	42.30 1.63 0.00	42.71 1.64 0.00	44.05 1.69 0.00	50.69 1.76 0.00	64.43 2.42 0.00	77.20 3.11 0.00	65.45 2.58 0.00	57.38 1.73 0.00	51.07 1.44 0.00	47.67 1.61 0.00	44.91 1.43 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.88 -1.10 0.00	41.80 -1.07 0.00	39.58 -1.01 0.00	39.21 -1.01 0.00	40.92 -1.01 0.00	45.39 -0.93 0.00	55.87 -1.14 0.00	63.34 -1.16 0.00	52.19 -1.01 0.00	44.26 -0.86 0.00	41.57 -0.76 0.00	38.91 -0.75 0.00	38.80 -0.75 0.00	39.94 -0.73 0.00	40.29 -0.78 0.00	41.55 -0.80 0.00	47.90 -1.03 0.00	60.71 -1.30 0.00	72.61 -1.48 0.00	61.55 -1.32 0.00	54.32 -1.34 0.00	48.44 -1.19 0.00	44.99 -1.06 0.00	42.44 -1.04 0.00
HELLGATE_13_KV_LD 55870	46.00 2.02 0.00	44.84 1.97 0.00	42.46 1.87 0.00	42.10 1.89 0.00	43.82 1.89 0.00	48.17 1.85 0.00	59.86 2.85 0.00	67.15 2.64 0.00	55.65 2.45 0.00	47.55 2.44 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.49 1.94 0.00	42.50 1.83 0.00	43.00 1.93 0.00	44.52 2.16 0.00	51.27 2.35 0.00	64.74 2.73 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.44 2.78 0.00	51.96 2.33 0.00	48.26 2.21 0.00	45.40 1.91 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.00 2.02 0.00	44.84 1.97 0.00	42.46 1.87 0.00	42.10 1.89 0.00	43.82 1.89 0.00	48.17 1.85 0.00	59.86 2.85 0.00	67.15 2.64 0.00	55.65 2.45 0.00	47.55 2.44 0.00	44.67 2.33 0.00	41.92 2.26 0.00	41.49 1.94 0.00	42.50 1.83 0.00	43.00 1.93 0.00	44.52 2.16 0.00	51.27 2.35 0.00	64.74 2.73 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.44 2.78 0.00	51.96 2.33 0.00	48.26 2.21 0.00	45.40 1.91 -0.01
HEMPSTEAD____ 23647	46.22 2.24 0.00	45.06 2.19 0.00	42.59 1.99 0.00	42.26 2.05 0.00	44.07 2.14 0.00	48.50 2.18 0.00	60.14 3.13 0.00	67.66 3.16 0.00	57.08 3.03 -0.85	47.55 2.43 0.00	44.71 2.37 0.00	42.04 2.38 0.00	41.53 1.98 0.00	42.71 2.03 0.00	43.25 2.18 0.00	46.05 2.63 -1.07	54.57 2.84 -2.81	65.30 3.28 0.00	78.16 4.07 0.00	66.08 3.20 0.00	60.55 3.28 -1.61	56.95 2.93 -4.39	49.37 2.62 -0.69	45.80 2.22 -0.10
HEWLETT_69_KV_BK3 55828	46.62 2.64 0.00	45.40 2.53 0.00	42.83 2.23 0.00	42.50 2.29 0.00	44.32 2.39 0.00	48.78 2.45 0.00	60.54 3.53 0.00	68.05 3.55 0.00	57.51 3.46 -0.85	47.91 2.80 0.00	45.00 2.67 0.00	42.20 2.54 0.00	41.77 2.21 0.00	42.91 2.24 0.00	43.45 2.38 0.00	46.22 2.80 -1.07	54.96 3.23 -2.81	65.86 3.84 0.00	78.68 4.59 0.00	66.71 3.84 0.00	61.04 3.78 -1.61	57.35 3.33 -4.39	49.65 2.90 -0.69	46.15 2.57 -0.10
HICKLING___1 23621	43.23 -0.75 0.00	42.19 -0.69 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.43 -0.50 0.00	46.27 -0.05 0.00	56.89 -0.11 0.00	64.05 -0.45 0.00	52.57 -0.64 0.00	44.62 -0.50 0.00	42.00 -0.34 0.00	39.26 -0.40 0.00	39.20 -0.36 0.00	40.43 -0.24 0.00	40.66 -0.41 0.00	41.98 -0.38 0.00	48.29 -0.64 0.00	61.40 -0.62 0.00	73.50 -0.59 0.00	62.31 -0.57 0.00	54.60 -1.06 0.00	48.49 -1.14 0.00	45.13 -0.92 0.00	42.74 -0.74 0.00
HICKLING___2 23622	43.23 -0.75 0.00	42.19 -0.69 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.43 -0.50 0.00	46.27 -0.05 0.00	56.89 -0.11 0.00	64.05 -0.45 0.00	52.57 -0.64 0.00	44.62 -0.50 0.00	42.00 -0.34 0.00	39.26 -0.40 0.00	39.20 -0.36 0.00	40.43 -0.24 0.00	40.66 -0.41 0.00	41.98 -0.38 0.00	48.29 -0.64 0.00	61.40 -0.62 0.00	73.50 -0.59 0.00	62.31 -0.57 0.00	54.60 -1.06 0.00	48.49 -1.14 0.00	45.13 -0.92 0.00	42.74 -0.74 0.00
HIGH FALLS___HY 23754	45.83 1.85 0.00	44.63 1.76 0.00	42.26 1.66 0.00	41.90 1.69 0.00	43.65 1.72 0.00	48.08 1.76 0.00	59.80 2.79 0.00	67.28 2.77 0.00	55.60 2.39 0.00	47.05 1.94 0.00	43.95 1.61 0.00	41.09 1.43 0.00	40.82 1.27 0.00	41.89 1.22 0.00	42.34 1.27 0.00	44.01 1.65 0.00	51.08 2.15 0.00	64.74 2.73 0.00	77.42 3.33 0.00	65.70 2.83 0.00	58.32 2.67 0.00	51.96 2.33 0.00	48.03 1.98 0.00	45.18 1.70 0.00
HIGH_RIVER___SOLAR 323847	45.70 1.71 0.00	44.50 1.63 0.00	42.10 1.50 0.00	41.74 1.53 0.00	43.52 1.59 0.00	48.08 1.76 0.00	59.34 2.34 0.00	67.02 2.51 0.00	55.02 1.81 0.00	46.56 1.44 0.00	43.52 1.18 0.00	40.65 0.99 0.00	40.70 1.15 0.00	41.89 1.22 0.00	42.30 1.23 0.00	43.71 1.36 0.00	50.68 1.76 0.00	64.43 2.42 0.00	77.13 3.04 0.00	65.32 2.45 0.00	57.82 2.17 0.00	51.56 1.93 0.00	47.76 1.70 0.00	45.09 1.61 0.00

HILLBURN___GT 23639	45.43 1.45 0.00	44.24 1.37 0.00	41.93 1.34 0.00	41.54 1.33 0.00	43.27 1.34 0.00	47.57 1.25 0.00	58.95 1.94 0.00	66.63 2.13 0.00	54.91 1.70 0.00	46.83 1.71 0.00	43.99 1.65 0.00	41.29 1.63 0.00	40.94 1.38 0.00	41.97 1.30 0.00	42.38 1.31 0.00	43.93 1.57 0.00	50.49 1.57 0.00	63.82 1.80 0.00	76.39 2.30 0.00	64.82 1.95 0.00	57.55 1.89 0.00	51.32 1.69 0.00	47.53 1.47 0.00	44.65 1.17 0.00
HILLSIDE_115KV_TB1 80332	42.84 -1.14 0.00	41.80 -1.07 0.00	39.66 -0.93 0.00	39.29 -0.92 0.00	41.01 -0.92 0.00	45.72 -0.60 0.00	56.27 -0.74 0.00	63.28 -1.23 0.00	51.98 -1.22 0.00	44.16 -0.95 0.00	41.53 -0.80 0.00	38.87 -0.79 0.00	38.80 -0.75 0.00	39.94 -0.73 0.00	40.21 -0.86 0.00	41.51 -0.85 0.00	47.65 -1.27 0.00	60.47 -1.55 0.00	72.39 -1.70 0.00	61.49 -1.38 0.00	53.87 -1.78 0.00	47.89 -1.74 0.00	44.53 -1.52 0.00	42.22 -1.26 0.00
HISHELDN_WT_PWR 323625	41.34 -2.64 0.00	40.47 -2.40 0.00	38.48 -2.11 0.00	38.08 -2.13 0.00	39.75 -2.18 0.00	44.51 -1.81 0.00	54.27 -2.74 0.00	61.15 -3.36 0.00	50.76 -2.45 0.00	43.17 -1.94 0.00	40.60 -1.74 0.00	37.96 -1.70 0.00	37.89 -1.66 0.00	39.17 -1.50 0.00	39.35 -1.72 0.00	40.54 -1.82 0.00	46.23 -2.69 0.00	58.85 -3.16 0.00	70.39 -3.70 0.00	59.60 -3.27 0.00	52.26 -3.40 0.00	46.50 -3.13 0.00	43.34 -2.72 0.00	41.35 -2.13 0.00
HOLTSVILLE_IC_1 23690	46.44 2.46 0.00	45.18 2.31 0.00	42.71 2.11 0.00	42.38 2.17 0.00	44.36 2.43 0.00	48.59 2.27 0.00	60.20 3.19 0.00	67.66 3.16 0.00	57.56 3.51 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.04 2.38 0.00	41.53 1.98 0.00	42.75 2.07 0.00	43.33 2.26 0.00	46.26 2.84 -1.07	54.91 3.18 -2.81	65.99 3.97 0.00	78.76 4.67 0.00	66.39 3.52 0.00	61.05 3.79 -1.61	57.30 3.27 -4.39	49.60 2.86 -0.69	45.93 2.35 -0.10
HOLTSVILLE_IC_10 23699	46.67 2.68 0.00	45.40 2.53 0.00	42.91 2.31 0.00	42.58 2.37 0.00	44.57 2.64 0.00	48.82 2.50 0.00	60.48 3.48 0.00	68.05 3.55 0.00	57.88 3.83 -0.85	47.86 2.75 0.00	45.01 2.67 0.00	42.24 2.58 0.00	41.69 2.13 0.00	42.95 2.28 0.00	43.53 2.46 0.00	46.48 3.05 -1.07	55.21 3.47 -2.81	66.42 4.40 0.00	79.28 5.18 0.00	66.84 3.96 0.00	61.38 4.12 -1.61	57.60 3.58 -4.39	49.83 3.09 -0.69	46.15 2.56 -0.10
HOLTSVILLE_IC_2 23691	46.44 2.46 0.00	45.18 2.31 0.00	42.71 2.11 0.00	42.38 2.17 0.00	44.36 2.43 0.00	48.59 2.27 0.00	60.20 3.19 0.00	67.66 3.16 0.00	57.56 3.51 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.04 2.38 0.00	41.53 1.98 0.00	42.75 2.07 0.00	43.33 2.26 0.00	46.26 2.84 -1.07	54.91 3.18 -2.81	65.99 3.97 0.00	78.76 4.67 0.00	66.39 3.52 0.00	61.05 3.79 -1.61	57.30 3.27 -4.39	49.60 2.86 -0.69	45.93 2.35 -0.10
HOLTSVILLE_IC_3 23692	46.44 2.46 0.00	45.18 2.31 0.00	42.71 2.11 0.00	42.38 2.17 0.00	44.36 2.43 0.00	48.59 2.27 0.00	60.20 3.19 0.00	67.66 3.16 0.00	57.56 3.51 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.04 2.38 0.00	41.53 1.98 0.00	42.75 2.07 0.00	43.33 2.26 0.00	46.26 2.84 -1.07	54.91 3.18 -2.81	65.99 3.97 0.00	78.76 4.67 0.00	66.39 3.52 0.00	61.05 3.79 -1.61	57.30 3.27 -4.39	49.60 2.86 -0.69	45.93 2.35 -0.10
HOLTSVILLE_IC_4 23693	46.44 2.46 0.00	45.18 2.31 0.00	42.71 2.11 0.00	42.38 2.17 0.00	44.36 2.43 0.00	48.59 2.27 0.00	60.20 3.19 0.00	67.66 3.16 0.00	57.56 3.51 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.04 2.38 0.00	41.53 1.98 0.00	42.75 2.07 0.00	43.33 2.26 0.00	46.26 2.84 -1.07	54.91 3.18 -2.81	65.99 3.97 0.00	78.76 4.67 0.00	66.39 3.52 0.00	61.05 3.79 -1.61	57.30 3.27 -4.39	49.60 2.86 -0.69	45.93 2.35 -0.10
HOLTSVILLE_IC_5 23694	46.44 2.46 0.00	45.18 2.31 0.00	42.71 2.11 0.00	42.38 2.17 0.00	44.36 2.43 0.00	48.59 2.27 0.00	60.20 3.19 0.00	67.66 3.16 0.00	57.56 3.51 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.04 2.38 0.00	41.53 1.98 0.00	42.75 2.07 0.00	43.33 2.26 0.00	46.26 2.84 -1.07	54.91 3.18 -2.81	65.99 3.97 0.00	78.76 4.67 0.00	66.39 3.52 0.00	61.05 3.79 -1.61	57.30 3.27 -4.39	49.60 2.86 -0.69	45.93 2.35 -0.10
HOLTSVILLE_IC_6 23695	46.67 2.68 0.00	45.40 2.53 0.00	42.91 2.31 0.00	42.58 2.37 0.00	44.57 2.64 0.00	48.82 2.50 0.00	60.48 3.48 0.00	68.05 3.55 0.00	57.88 3.83 -0.85	47.86 2.75 0.00	45.01 2.67 0.00	42.24 2.58 0.00	41.69 2.13 0.00	42.95 2.28 0.00	43.53 2.46 0.00	46.48 3.05 -1.07	55.21 3.47 -2.81	66.42 4.40 0.00	79.28 5.18 0.00	66.84 3.96 0.00	61.38 4.12 -1.61	57.60 3.58 -4.39	49.83 3.09 -0.69	46.15 2.56 -0.10
HOLTSVILLE_IC_7 23696	46.67 2.68 0.00	45.40 2.53 0.00	42.91 2.31 0.00	42.58 2.37 0.00	44.57 2.64 0.00	48.82 2.50 0.00	60.48 3.48 0.00	68.05 3.55 0.00	57.88 3.83 -0.85	47.86 2.75 0.00	45.01 2.67 0.00	42.24 2.58 0.00	41.69 2.13 0.00	42.95 2.28 0.00	43.53 2.46 0.00	46.48 3.05 -1.07	55.21 3.47 -2.81	66.42 4.40 0.00	79.28 5.18 0.00	66.84 3.96 0.00	61.38 4.12 -1.61	57.60 3.58 -4.39	49.83 3.09 -0.69	46.15 2.56 -0.10
HOLTSVILLE_IC_8 23697	46.67 2.68 0.00	45.40 2.53 0.00	42.91 2.31 0.00	42.58 2.37 0.00	44.57 2.64 0.00	48.82 2.50 0.00	60.48 3.48 0.00	68.05 3.55 0.00	57.88 3.83 -0.85	47.86 2.75 0.00	45.01 2.67 0.00	42.24 2.58 0.00	41.69 2.13 0.00	42.95 2.28 0.00	43.53 2.46 0.00	46.48 3.05 -1.07	55.21 3.47 -2.81	66.42 4.40 0.00	79.28 5.18 0.00	66.84 3.96 0.00	61.38 4.12 -1.61	57.60 3.58 -4.39	49.83 3.09 -0.69	46.15 2.56 -0.10
HOLTSVILLE_IC_9 23698	46.67 2.68 0.00	45.40 2.53 0.00	42.91 2.31 0.00	42.58 2.37 0.00	44.57 2.64 0.00	48.82 2.50 0.00	60.48 3.48 0.00	68.05 3.55 0.00	57.88 3.83 -0.85	47.86 2.75 0.00	45.01 2.67 0.00	42.24 2.58 0.00	41.69 2.13 0.00	42.95 2.28 0.00	43.53 2.46 0.00	46.48 3.05 -1.07	55.21 3.47 -2.81	66.42 4.40 0.00	79.28 5.18 0.00	66.84 3.96 0.00	61.38 4.12 -1.61	57.60 3.58 -4.39	49.83 3.09 -0.69	46.15 2.56 -0.10
HOMER_HL_115KV_TB2 355744	43.06 -0.92 0.00	42.10 -0.77 0.00	39.99 -0.61 0.00	39.57 -0.64 0.00	41.30 -0.63 0.00	46.27 -0.05 0.00	56.78 -0.23 0.00	63.28 -1.23 0.00	51.88 -1.33 0.00	44.35 -0.77 0.00	41.83 -0.51 0.00	39.22 -0.44 0.00	39.12 -0.44 0.00	40.35 -0.33 0.00	40.37 -0.70 0.00	41.72 -0.64 0.00	47.36 -1.57 0.00	60.47 -1.55 0.00	72.53 -1.56 0.00	61.55 -1.32 0.00	53.48 -2.17 0.00	47.59 -2.03 0.00	44.44 -1.61 0.00	42.52 -0.96 0.00
HOWARD_WT_PWR 323690	42.53 -1.45 0.00	41.54 -1.33 0.00	39.50 -1.09 0.00	39.09 -1.13 0.00	40.92 -1.01 0.00	45.67 -0.65 0.00	56.09 -0.91 0.00	63.54 -0.97 0.00	52.46 -0.74 0.00	44.57 -0.54 0.00	41.95 -0.38 0.00	39.26 -0.40 0.00	39.23 -0.32 0.00	40.51 -0.16 0.00	40.87 -0.20 0.00	42.27 -0.08 0.00	48.63 -0.29 0.00	62.02 0.00 0.00	74.16 0.07 0.00	62.75 -0.13 0.00	54.82 -0.83 0.00	48.64 -0.99 0.00	45.00 -1.06 0.00	42.61 -0.87 0.00

HQ_GEN_CEDARS 23644	45.43 1.45 0.00	44.29 1.41 0.00	41.90 1.30 0.00	41.50 1.29 0.00	43.19 1.26 0.00	47.62 1.30 0.00	58.49 1.48 0.00	66.18 1.68 0.00	54.38 1.17 0.00	45.83 0.72 0.00	43.10 0.76 0.00	40.37 0.71 0.00	40.50 0.95 0.00	41.73 1.06 0.00	42.14 1.07 0.00	43.46 1.10 0.00	50.34 1.42 0.00	63.75 1.74 0.00	76.02 1.93 0.00	64.63 1.76 0.00	57.21 1.56 0.00	51.12 1.49 0.00	47.62 1.57 0.00	45.05 1.57 0.00
HQ_GEN_CEDARS_PROXY 323590	45.43 1.45 0.00	44.28 1.41 0.00	41.90 1.30 0.00	41.50 1.29 0.00	43.19 1.26 0.00	47.62 1.30 0.00	58.49 1.48 0.00	66.05 1.55 0.00	54.37 1.17 0.00	45.83 0.72 0.00	43.10 0.76 0.00	40.38 0.71 0.00	40.50 0.95 0.00	41.73 1.06 0.00	42.14 1.07 0.00	43.46 1.10 0.00	50.34 1.42 0.00	63.75 1.73 0.00	76.01 1.92 0.00	64.63 1.76 0.00	57.21 1.56 0.00	51.53 1.49 -0.41	47.21 1.57 0.41	45.04 1.56 0.00
HQ_GEN_IMPORT 323601	44.42 0.44 0.00	43.30 0.43 0.00	41.00 0.41 0.00	40.61 0.40 0.00	42.31 0.38 0.00	46.69 0.37 0.00	57.41 0.40 0.00	64.96 0.45 0.00	53.58 0.38 0.00	45.34 0.23 0.00	42.55 0.21 0.00	39.86 0.20 0.00	39.79 0.24 0.00	40.96 0.29 0.00	41.36 0.29 0.00	42.66 0.30 0.00	49.36 0.44 0.00	62.57 0.56 0.00	74.68 0.59 0.00	63.44 0.56 0.00	56.15 0.50 0.00	50.49 0.45 -0.41	46.10 0.46 0.41	43.96 0.48 0.00
HQ_GEN_WHEEL 23651	44.42 0.44 0.00	43.30 0.43 0.00	41.00 0.41 0.00	40.61 0.40 0.00	42.31 0.38 0.00	46.69 0.37 0.00	57.41 0.40 0.00	64.96 0.45 0.00	53.58 0.38 0.00	45.34 0.23 0.00	42.55 0.21 0.00	39.86 0.20 0.00	39.79 0.24 0.00	40.96 0.29 0.00	41.36 0.29 0.00	42.66 0.30 0.00	49.36 0.44 0.00	62.57 0.56 0.00	74.68 0.59 0.00	63.44 0.56 0.00	56.15 0.50 0.00	50.49 0.45 -0.41	46.10 0.46 0.41	43.96 0.48 0.00
HUDSON AVE_GT_3 23810	45.79 1.80 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.61 1.68 0.00	47.94 1.62 0.00	59.63 2.62 0.00	67.15 2.64 0.00	55.71 2.50 0.00	47.50 2.39 0.00	44.58 2.24 0.00	41.84 2.18 0.00	41.45 1.90 0.00	42.42 1.75 0.00	42.92 1.85 0.00	44.43 2.08 0.00	51.27 2.35 0.00	64.74 2.73 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.44 2.78 0.00	52.01 2.38 0.00	48.08 2.03 0.00	45.18 1.70 0.00
HUDSON AVE_GT_4 23540	45.79 1.80 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.61 1.68 0.00	47.94 1.62 0.00	59.63 2.62 0.00	67.15 2.64 0.00	55.71 2.50 0.00	47.50 2.39 0.00	44.58 2.24 0.00	41.84 2.18 0.00	41.45 1.90 0.00	42.42 1.75 0.00	42.92 1.85 0.00	44.43 2.08 0.00	51.27 2.35 0.00	64.74 2.73 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.44 2.78 0.00	52.01 2.38 0.00	48.08 2.03 0.00	45.18 1.70 0.00
HUDSON AVE_GT_5 23657	45.79 1.80 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.61 1.68 0.00	47.94 1.62 0.00	59.63 2.62 0.00	67.15 2.64 0.00	55.71 2.50 0.00	47.50 2.39 0.00	44.58 2.24 0.00	41.84 2.18 0.00	41.45 1.90 0.00	42.42 1.75 0.00	42.92 1.85 0.00	44.43 2.08 0.00	51.27 2.35 0.00	64.74 2.73 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.44 2.78 0.00	52.01 2.38 0.00	48.08 2.03 0.00	45.18 1.70 0.00
HUDSON_AVE_10 24168	45.61 1.63 0.00	44.46 1.59 0.00	42.10 1.50 0.00	41.74 1.53 0.00	43.44 1.51 0.00	47.80 1.48 0.00	59.46 2.45 0.00	66.96 2.45 0.00	55.60 2.39 0.00	47.46 2.35 0.00	44.54 2.20 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.84 1.77 0.00	44.39 2.03 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.27 2.62 0.00	51.86 2.23 0.00	47.99 1.93 0.00	45.05 1.57 0.00
HUDSON___115KV_TB 4 355613	45.79 1.80 0.00	44.63 1.76 0.00	42.34 1.75 0.00	41.94 1.73 0.00	43.65 1.72 0.00	48.17 1.85 0.00	59.46 2.45 0.00	67.08 2.58 0.00	55.17 1.97 0.00	46.56 1.44 0.00	43.44 1.10 0.00	40.73 1.07 0.00	40.50 0.95 0.00	41.65 0.98 0.00	42.14 1.07 0.00	43.42 1.06 0.00	50.39 1.47 0.00	64.00 1.98 0.00	76.61 2.52 0.00	64.82 1.95 0.00	57.49 1.84 0.00	51.37 1.74 0.00	47.57 1.52 0.00	45.18 1.70 0.00
HUNTER MOUNT___DRP 323613	46.05 2.07 0.00	44.93 2.06 0.00	42.63 2.03 0.00	42.22 2.01 0.00	43.94 2.01 0.00	48.50 2.18 0.00	59.97 2.96 0.00	67.47 2.97 0.00	55.44 2.23 0.00	46.65 1.53 0.00	43.44 1.10 0.00	40.65 0.99 0.00	40.50 0.95 0.00	41.65 0.98 0.00	42.14 1.07 0.00	43.46 1.10 0.00	50.59 1.66 0.00	64.37 2.36 0.00	76.98 2.89 0.00	65.20 2.33 0.00	57.77 2.11 0.00	51.61 1.99 0.00	47.85 1.80 0.00	45.48 2.00 0.00
HUNTINGTON_RES_REC 323705	46.58 2.59 0.00	45.36 2.49 0.00	42.87 2.27 0.00	42.54 2.33 0.00	44.45 2.52 0.00	48.82 2.50 0.00	60.48 3.48 0.00	68.05 3.55 0.00	57.67 3.62 -0.85	47.82 2.71 0.00	44.96 2.63 0.00	42.20 2.54 0.00	41.69 2.13 0.00	42.91 2.24 0.00	43.49 2.42 0.00	46.39 2.96 -1.07	55.06 3.33 -2.81	66.17 4.16 0.00	79.06 4.96 0.00	66.77 3.90 0.00	61.21 3.95 -1.61	57.50 3.47 -4.39	49.78 3.04 -0.69	46.10 2.52 -0.10
HUNTLEY___63 23557	40.82 -3.17 0.00	39.83 -3.04 0.00	37.84 -2.76 0.00	37.40 -2.81 0.00	39.04 -2.89 0.00	43.73 -2.59 0.00	53.07 -3.93 0.00	59.86 -4.64 0.00	49.43 -3.78 0.00	42.32 -2.80 0.00	40.05 -2.29 0.00	37.52 -2.14 0.00	37.42 -2.14 0.00	38.68 -1.99 0.00	38.77 -2.30 0.00	39.90 -2.46 0.00	45.16 -3.77 0.00	57.55 -4.47 0.00	68.76 -5.33 0.00	58.22 -4.65 0.00	50.70 -4.95 0.00	45.41 -4.22 0.00	42.55 -3.50 0.00	40.31 -3.17 0.00
HUNTLEY___64 23558	40.82 -3.17 0.00	39.83 -3.04 0.00	37.84 -2.76 0.00	37.40 -2.81 0.00	39.04 -2.89 0.00	43.73 -2.59 0.00	53.07 -3.93 0.00	59.86 -4.64 0.00	49.43 -3.78 0.00	42.32 -2.80 0.00	40.05 -2.29 0.00	37.52 -2.14 0.00	37.42 -2.14 0.00	38.68 -1.99 0.00	38.77 -2.30 0.00	39.90 -2.46 0.00	45.16 -3.77 0.00	57.55 -4.47 0.00	68.76 -5.33 0.00	58.22 -4.65 0.00	50.70 -4.95 0.00	45.41 -4.22 0.00	42.55 -3.50 0.00	40.31 -3.17 0.00
HUNTLEY___65 23559	40.82 -3.17 0.00	39.83 -3.04 0.00	37.84 -2.76 0.00	37.40 -2.81 0.00	39.04 -2.89 0.00	43.73 -2.59 0.00	53.07 -3.93 0.00	59.86 -4.64 0.00	49.43 -3.78 0.00	42.32 -2.80 0.00	40.05 -2.29 0.00	37.52 -2.14 0.00	37.42 -2.14 0.00	38.68 -1.99 0.00	38.77 -2.30 0.00	39.90 -2.46 0.00	45.16 -3.77 0.00	57.55 -4.47 0.00	68.76 -5.33 0.00	58.22 -4.65 0.00	50.70 -4.95 0.00	45.41 -4.22 0.00	42.55 -3.50 0.00	40.31 -3.17 0.00
HUNTLEY___66 23560	40.82 -3.17 0.00	39.83 -3.04 0.00	37.84 -2.76 0.00	37.40 -2.81 0.00	39.04 -2.89 0.00	43.73 -2.59 0.00	53.07 -3.93 0.00	59.86 -4.64 0.00	49.43 -3.78 0.00	42.32 -2.80 0.00	40.05 -2.29 0.00	37.52 -2.14 0.00	37.42 -2.14 0.00	38.68 -1.99 0.00	38.77 -2.30 0.00	39.90 -2.46 0.00	45.16 -3.77 0.00	57.55 -4.47 0.00	68.76 -5.33 0.00	58.22 -4.65 0.00	50.70 -4.95 0.00	45.41 -4.22 0.00	42.55 -3.50 0.00	40.31 -3.17 0.00

HUNTLEY___67 23561	40.73 -3.25 0.00	39.78 -3.09 0.00	37.76 -2.84 0.00	37.36 -2.86 0.00	39.00 -2.94 0.00	43.63 -2.69 0.00	53.02 -3.99 0.00	59.80 -4.71 0.00	49.32 -3.88 0.00	42.23 -2.89 0.00	39.92 -2.41 0.00	37.44 -2.22 0.00	37.34 -2.21 0.00	38.56 -2.11 0.00	38.65 -2.42 0.00	39.82 -2.54 0.00	45.06 -3.87 0.00	57.36 -4.65 0.00	68.61 -5.48 0.00	58.03 -4.84 0.00	50.64 -5.01 0.00	45.31 -4.32 0.00	42.37 -3.68 0.00	40.22 -3.26 0.00
HUNTLEY___68 23562	40.73 -3.25 0.00	39.78 -3.09 0.00	37.76 -2.84 0.00	37.36 -2.86 0.00	39.00 -2.94 0.00	43.63 -2.69 0.00	53.02 -3.99 0.00	59.80 -4.71 0.00	49.32 -3.88 0.00	42.23 -2.89 0.00	39.92 -2.41 0.00	37.44 -2.22 0.00	37.34 -2.21 0.00	38.56 -2.11 0.00	38.65 -2.42 0.00	39.82 -2.54 0.00	45.06 -3.87 0.00	57.36 -4.65 0.00	68.61 -5.48 0.00	58.03 -4.84 0.00	50.64 -5.01 0.00	45.31 -4.32 0.00	42.37 -3.68 0.00	40.22 -3.26 0.00
HYLAND___LFGE 323620	43.94 -0.04 0.00	42.87 0.00 0.00	40.68 0.08 0.00	40.29 0.08 0.00	42.18 0.25 0.00	47.29 0.97 0.00	58.03 1.03 0.00	65.92 1.42 0.00	54.21 1.01 0.00	45.52 0.41 0.00	42.46 0.13 0.00	39.58 -0.08 0.00	39.51 -0.04 0.00	40.92 0.25 0.00	41.36 0.29 0.00	42.87 0.51 0.00	49.76 0.83 0.00	63.82 1.80 0.00	76.31 2.22 0.00	64.63 1.76 0.00	56.60 0.95 0.00	50.18 0.55 0.00	46.56 0.51 0.00	44.13 0.65 0.00
INDECK___CORINTH 23802	48.03 4.04 0.00	46.77 3.90 0.00	44.17 3.57 0.00	43.79 3.58 0.00	45.66 3.73 0.00	48.82 2.50 0.00	60.14 3.13 0.00	67.99 3.48 0.00	55.76 2.55 0.00	47.32 2.21 0.00	44.03 1.70 0.00	41.17 1.51 0.00	40.90 1.35 0.00	42.10 1.42 0.00	42.59 1.52 0.00	44.10 1.74 0.00	51.18 2.25 0.00	65.24 3.22 0.00	78.31 4.22 0.00	66.08 3.20 0.00	58.49 2.84 0.00	52.26 2.63 0.00	48.40 2.35 0.00	47.39 3.91 0.00
INDECK___ILION 23567	44.33 0.35 0.00	43.21 0.34 0.00	40.84 0.24 0.00	40.41 0.20 0.00	42.14 0.21 0.00	46.60 0.28 0.00	57.35 0.34 0.00	64.83 0.32 0.00	53.53 0.32 0.00	45.34 0.23 0.00	42.59 0.25 0.00	39.94 0.28 0.00	39.83 0.28 0.00	41.00 0.33 0.00	41.40 0.33 0.00	42.74 0.38 0.00	49.46 0.54 0.00	62.88 0.87 0.00	75.20 1.11 0.00	63.82 0.94 0.00	56.49 0.83 0.00	50.32 0.69 0.00	46.65 0.60 0.00	43.96 0.48 0.00
INDECK___OLEAN 23982	42.97 -1.01 0.00	42.06 -0.82 0.00	39.99 -0.61 0.00	39.57 -0.64 0.00	41.30 -0.63 0.00	46.27 -0.05 0.00	56.78 -0.23 0.00	63.35 -1.16 0.00	52.30 -0.90 0.00	44.62 -0.50 0.00	41.95 -0.38 0.00	39.23 -0.44 0.00	39.12 -0.43 0.00	40.35 -0.33 0.00	40.46 -0.61 0.00	41.68 -0.68 0.00	47.46 -1.47 0.00	60.53 -1.49 0.00	72.61 -1.48 0.00	61.68 -1.20 0.00	53.70 -1.95 0.00	47.74 -1.89 0.00	44.63 -1.43 0.00	42.83 -0.65 0.00
INDECK___OSWEGO 23783	44.51 0.53 0.00	43.34 0.47 0.00	41.00 0.41 0.00	40.65 0.44 0.00	42.44 0.50 0.00	47.20 0.88 0.00	58.21 1.20 0.00	66.12 1.61 0.00	54.43 1.22 0.00	45.79 0.68 0.00	43.23 0.89 0.00	40.29 0.63 0.00	40.30 0.75 0.00	41.61 0.94 0.00	41.97 0.90 0.00	43.33 0.97 0.00	49.31 0.39 0.00	62.70 0.68 0.00	75.05 0.96 0.00	63.63 0.76 0.00	56.05 0.39 0.00	49.93 0.30 0.00	46.38 0.32 0.00	43.70 0.22 0.00
INDECK___YERKES 23781	40.68 -3.30 0.00	39.87 -3.00 0.00	37.88 -2.72 0.00	37.44 -2.77 0.00	39.08 -2.85 0.00	43.77 -2.55 0.00	53.13 -3.88 0.00	59.93 -4.58 0.00	50.12 -3.09 0.00	42.76 -2.35 0.00	40.18 -2.16 0.00	37.56 -2.10 0.00	37.46 -2.10 0.00	38.72 -1.95 0.00	38.85 -2.22 0.00	39.95 -2.41 0.00	45.30 -3.62 0.00	57.61 -4.40 0.00	68.83 -5.26 0.00	58.41 -4.46 0.00	51.26 -4.40 0.00	45.71 -3.92 0.00	42.69 -3.36 0.00	40.87 -2.61 0.00
INDIAN POINT_GT_1 24139	45.48 1.50 0.00	44.33 1.46 0.00	41.94 1.34 0.00	41.58 1.37 0.00	43.31 1.38 0.00	47.62 1.30 0.00	59.06 2.05 0.00	66.57 2.06 0.00	55.17 1.97 0.00	46.96 1.85 0.00	44.07 1.74 0.00	41.33 1.67 0.00	40.98 1.42 0.00	42.01 1.34 0.00	42.47 1.40 0.00	43.97 1.61 0.00	50.69 1.76 0.00	64.00 1.98 0.00	76.61 2.52 0.00	65.01 2.14 0.00	57.77 2.11 0.00	51.47 1.84 0.00	47.62 1.57 0.00	44.83 1.35 0.00
INDIAN POINT_GT_2 23659	45.48 1.50 0.00	44.33 1.46 0.00	41.94 1.34 0.00	41.58 1.37 0.00	43.31 1.38 0.00	47.62 1.30 0.00	59.06 2.05 0.00	66.57 2.06 0.00	55.17 1.97 0.00	46.96 1.85 0.00	44.07 1.74 0.00	41.33 1.67 0.00	40.98 1.42 0.00	42.01 1.34 0.00	42.47 1.40 0.00	43.97 1.61 0.00	50.69 1.76 0.00	64.00 1.98 0.00	76.61 2.52 0.00	65.01 2.14 0.00	57.77 2.11 0.00	51.47 1.84 0.00	47.62 1.57 0.00	44.83 1.35 0.00
INDIAN POINT_GT_3 24019	45.48 1.50 0.00	44.33 1.46 0.00	41.94 1.34 0.00	41.58 1.37 0.00	43.31 1.38 0.00	47.62 1.30 0.00	59.06 2.05 0.00	66.57 2.06 0.00	55.17 1.97 0.00	46.96 1.85 0.00	44.07 1.74 0.00	41.33 1.67 0.00	40.98 1.42 0.00	42.01 1.34 0.00	42.47 1.40 0.00	43.97 1.61 0.00	50.69 1.76 0.00	64.00 1.98 0.00	76.61 2.52 0.00	65.01 2.14 0.00	57.77 2.11 0.00	51.47 1.84 0.00	47.62 1.57 0.00	44.83 1.35 0.00
INDIAN POINT___2 23530	45.43 1.45 0.00	44.24 1.37 0.00	41.93 1.34 0.00	41.58 1.37 0.00	43.27 1.34 0.00	47.62 1.30 0.00	59.00 1.99 0.00	66.70 2.19 0.00	55.02 1.81 0.00	46.87 1.76 0.00	44.03 1.70 0.00	41.33 1.67 0.00	40.97 1.42 0.00	42.01 1.34 0.00	42.47 1.40 0.00	43.97 1.61 0.00	50.59 1.66 0.00	63.94 1.92 0.00	76.46 2.37 0.00	64.88 2.01 0.00	57.65 2.00 0.00	51.37 1.74 0.00	47.57 1.52 0.00	44.70 1.22 0.00
INDIAN POINT___3 23531	45.43 1.45 0.00	44.29 1.41 0.00	41.94 1.34 0.00	41.58 1.37 0.00	43.31 1.38 0.00	47.57 1.25 0.00	58.94 1.94 0.00	66.44 1.94 0.00	55.07 1.86 0.00	46.92 1.80 0.00	44.03 1.69 0.00	41.33 1.67 0.00	40.98 1.42 0.00	42.01 1.34 0.00	42.47 1.40 0.00	43.97 1.61 0.00	50.64 1.71 0.00	63.94 1.92 0.00	76.46 2.37 0.00	64.88 2.01 0.00	57.71 2.06 0.00	51.42 1.79 0.00	47.57 1.52 0.00	44.78 1.30 0.00
INGHAM_C_115KV_TB7 356103	44.55 0.57 0.00	43.43 0.56 0.00	41.00 0.41 0.00	40.57 0.36 0.00	42.22 0.29 0.00	46.69 0.37 0.00	57.46 0.46 0.00	64.96 0.45 0.00	53.63 0.43 0.00	45.47 0.36 0.00	42.76 0.42 0.00	40.06 0.40 0.00	40.03 0.47 0.00	41.20 0.53 0.00	41.65 0.57 0.00	42.99 0.64 0.00	49.81 0.88 0.00	63.38 1.36 0.00	75.87 1.78 0.00	64.38 1.51 0.00	56.99 1.34 0.00	50.82 1.19 0.00	47.11 1.06 0.00	44.35 0.87 0.00
IP CORINTH___1 23988	47.98 4.00 0.00	46.82 3.94 0.00	44.21 3.61 0.00	43.79 3.58 0.00	45.70 3.77 0.00	49.10 2.78 0.00	60.48 3.48 0.00	68.31 3.81 0.00	56.13 2.93 0.00	47.64 2.53 0.00	44.20 1.86 0.00	41.37 1.71 0.00	41.13 1.58 0.00	42.34 1.67 0.00	42.80 1.72 0.00	44.35 1.99 0.00	51.47 2.54 0.00	65.61 3.60 0.00	78.76 4.67 0.00	66.46 3.58 0.00	58.83 3.17 0.00	52.56 2.93 0.00	48.68 2.63 0.00	47.44 3.96 0.00

IP__TICONDEROGA 23804	49.57 5.59 0.00	48.32 5.44 0.00	45.55 4.95 0.00	45.16 4.95 0.00	47.09 5.16 0.00	51.00 4.68 0.00	63.11 6.10 0.00	71.21 6.71 0.00	58.26 5.05 0.00	49.22 4.11 0.00	45.60 3.26 0.00	42.71 3.05 0.00	42.36 2.81 0.00	43.72 3.05 0.00	44.23 3.16 0.00	45.92 3.56 0.00	53.52 4.60 0.00	68.47 6.45 0.00	82.39 8.30 0.00	69.35 6.48 0.00	61.33 5.68 0.00	54.69 5.06 0.00	50.57 4.51 0.00	49.05 5.57 0.00
ISLIP_RES_REC 323679	46.84 2.86 0.00	45.62 2.75 0.00	43.07 2.48 0.00	42.79 2.58 0.00	44.74 2.81 0.00	49.05 2.73 0.00	60.77 3.76 0.00	68.37 3.87 0.00	58.15 4.10 -0.85	48.04 2.93 0.00	45.22 2.88 0.00	42.40 2.73 0.00	41.85 2.29 0.00	43.11 2.44 0.00	43.74 2.67 0.00	46.69 3.26 -1.07	55.45 3.72 -2.81	66.79 4.78 0.00	79.72 5.63 0.00	67.21 4.33 0.00	61.66 4.40 -1.61	57.84 3.82 -4.39	50.06 3.32 -0.69	46.37 2.79 -0.10
JAMAICA__27_KV_LOAD 355505	45.74 1.76 0.00	44.59 1.71 0.00	42.18 1.58 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.99 1.67 0.00	59.69 2.68 0.00	67.41 2.90 0.00	56.08 2.87 0.00	47.95 2.84 0.00	45.00 2.67 0.00	42.24 2.58 0.00	41.77 2.21 0.00	42.75 2.07 0.00	43.25 2.18 0.00	44.81 2.46 0.00	51.71 2.79 0.00	65.12 3.10 0.00	77.94 3.85 0.00	66.08 3.21 0.00	58.83 3.17 0.00	52.26 2.63 0.00	48.31 2.26 0.00	45.22 1.74 0.00
JANIS__SOLAR 323808	45.52 1.54 0.00	44.33 1.46 0.00	41.93 1.34 0.00	41.62 1.41 0.00	43.40 1.47 0.00	48.59 2.27 0.00	60.08 3.08 0.00	68.11 3.61 0.00	55.81 2.61 0.00	46.73 1.62 0.00	43.86 1.52 0.00	40.89 1.23 0.00	40.82 1.27 0.00	42.18 1.51 0.00	42.59 1.52 0.00	44.01 1.65 0.00	51.18 2.25 0.00	65.42 3.41 0.00	78.54 4.45 0.00	66.52 3.65 0.00	58.38 2.73 0.00	51.76 2.13 0.00	47.99 1.93 0.00	45.26 1.78 0.00
JARVIS____ 23743	44.07 0.09 0.00	42.96 0.09 0.00	40.68 0.08 0.00	40.29 0.08 0.00	42.01 0.08 0.00	46.46 0.14 0.00	57.18 0.17 0.00	64.63 0.13 0.00	53.31 0.11 0.00	45.20 0.09 0.00	42.42 0.08 0.00	39.74 0.08 0.00	39.63 0.08 0.00	40.75 0.08 0.00	41.15 0.08 0.00	42.44 0.08 0.00	49.07 0.15 0.00	62.26 0.25 0.00	74.39 0.30 0.00	63.12 0.25 0.00	55.88 0.22 0.00	49.83 0.20 0.00	46.19 0.14 0.00	43.57 0.09 0.00
JENNISON__1 23625	45.92 1.94 0.00	44.67 1.80 0.00	42.26 1.66 0.00	41.94 1.73 0.00	43.73 1.80 0.00	48.82 2.50 0.00	60.43 3.42 0.00	68.37 3.87 0.00	56.03 2.82 0.00	46.96 1.85 0.00	44.16 1.82 0.00	41.21 1.55 0.00	41.17 1.62 0.00	42.58 1.91 0.00	42.92 1.85 0.00	44.31 1.95 0.00	51.42 2.50 0.00	65.67 3.66 0.00	78.83 4.74 0.00	66.77 3.90 0.00	58.66 3.01 0.00	51.96 2.33 0.00	48.22 2.16 0.00	45.44 1.96 0.00
JENNISON__2 23626	45.92 1.94 0.00	44.67 1.80 0.00	42.26 1.66 0.00	41.94 1.73 0.00	43.73 1.80 0.00	48.82 2.50 0.00	60.43 3.42 0.00	68.37 3.87 0.00	56.03 2.82 0.00	46.96 1.85 0.00	44.16 1.82 0.00	41.21 1.55 0.00	41.17 1.62 0.00	42.58 1.91 0.00	42.92 1.85 0.00	44.31 1.95 0.00	51.42 2.50 0.00	65.67 3.66 0.00	78.83 4.74 0.00	66.77 3.90 0.00	58.66 3.01 0.00	51.96 2.33 0.00	48.22 2.16 0.00	45.44 1.96 0.00
JERICHO_RISE_WT_PWR 323719	45.08 1.10 0.00	43.90 1.03 0.00	41.57 0.97 0.00	41.14 0.93 0.00	42.81 0.88 0.00	47.29 0.97 0.00	57.92 0.91 0.00	65.22 0.71 0.00	53.95 0.74 0.00	45.52 0.41 0.00	42.72 0.38 0.00	39.94 0.28 0.00	39.95 0.40 0.00	41.08 0.41 0.00	41.52 0.45 0.00	42.87 0.51 0.00	49.81 0.88 0.00	63.32 1.30 0.00	75.35 1.26 0.00	64.25 1.38 0.00	56.88 1.22 0.00	50.72 1.09 0.00	47.16 1.10 0.00	44.78 1.30 0.00
KATONAH__115KV_46KV_TB4 355592	45.87 1.89 0.00	44.71 1.84 0.00	42.30 1.71 0.00	41.98 1.77 0.00	43.73 1.80 0.00	48.13 1.81 0.00	59.69 2.68 0.00	67.21 2.71 0.00	55.65 2.45 0.00	47.28 2.17 0.00	44.20 1.86 0.00	41.41 1.75 0.00	41.02 1.46 0.00	42.10 1.42 0.00	42.59 1.52 0.00	44.14 1.78 0.00	51.13 2.20 0.00	64.62 2.60 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.38 2.73 0.00	51.96 2.33 0.00	48.08 2.03 0.00	45.18 1.70 0.00
KCE_NY_1 323755	46.93 2.95 0.00	45.74 2.87 0.00	43.23 2.64 0.00	42.86 2.65 0.00	44.70 2.77 0.00	48.91 2.59 0.00	60.20 3.19 0.00	68.05 3.55 0.00	55.92 2.71 0.00	47.46 2.34 0.00	44.29 1.95 0.00	41.49 1.83 0.00	41.25 1.70 0.00	42.46 1.79 0.00	42.92 1.85 0.00	44.39 2.03 0.00	51.42 2.49 0.00	65.42 3.41 0.00	78.31 4.22 0.00	66.27 3.39 0.00	58.71 3.06 0.00	52.41 2.78 0.00	48.49 2.44 0.00	46.27 2.79 0.00
KCE_NY_6_ESR 323823	41.43 -2.55 0.00	40.60 -2.27 0.00	38.57 -2.03 0.00	38.12 -2.09 0.00	39.83 -2.10 0.00	44.61 -1.71 0.00	54.33 -2.68 0.00	61.15 -3.36 0.00	50.97 -2.23 0.00	43.44 -1.67 0.00	40.85 -1.48 0.00	38.19 -1.47 0.00	38.09 -1.46 0.00	39.33 -1.34 0.00	39.51 -1.56 0.00	40.66 -1.70 0.00	46.14 -2.79 0.00	58.73 -3.29 0.00	70.16 -3.93 0.00	59.54 -3.33 0.00	52.15 -3.50 0.00	46.45 -3.18 0.00	43.38 -2.67 0.00	41.52 -1.96 0.00
KEDC_PORT_JEFF_GT2 24210	46.67 2.68 0.00	45.44 2.57 0.00	42.91 2.31 0.00	42.58 2.37 0.00	44.57 2.64 0.00	48.82 2.50 0.00	60.48 3.48 0.00	68.05 3.55 0.00	57.83 3.78 -0.85	47.86 2.75 0.00	45.01 2.67 0.00	42.24 2.58 0.00	41.69 2.13 0.00	42.91 2.24 0.00	43.53 2.46 0.00	46.48 3.05 -1.07	55.21 3.47 -2.81	66.42 4.40 0.00	79.06 4.96 0.00	66.84 3.96 0.00	61.38 4.12 -1.61	57.60 3.58 -4.39	49.83 3.09 -0.69	46.15 2.56 -0.10
KEDC_PORT_JEFF_GT3 24211	46.67 2.68 0.00	45.44 2.57 0.00	42.91 2.31 0.00	42.58 2.37 0.00	44.57 2.64 0.00	48.82 2.50 0.00	60.48 3.48 0.00	68.05 3.55 0.00	57.83 3.78 -0.85	47.86 2.75 0.00	45.01 2.67 0.00	42.24 2.58 0.00	41.69 2.13 0.00	42.91 2.24 0.00	43.53 2.46 0.00	46.48 3.05 -1.07	55.21 3.47 -2.81	66.42 4.40 0.00	79.06 4.96 0.00	66.84 3.96 0.00	61.38 4.12 -1.61	57.60 3.58 -4.39	49.83 3.09 -0.69	46.15 2.56 -0.10
KEDC_GLWD_GT4 24219	46.40 2.42 0.00	45.18 2.31 0.00	42.75 2.15 0.00	42.42 2.21 0.00	44.23 2.30 0.00	48.68 2.36 0.00	60.43 3.42 0.00	67.99 3.48 0.00	57.35 3.30 -0.85	47.77 2.66 0.00	44.92 2.58 0.00	42.20 2.54 0.00	41.73 2.17 0.00	42.91 2.24 0.00	43.41 2.34 0.00	46.18 2.75 -1.07	54.77 3.03 -2.81	65.24 3.22 0.00	78.02 3.92 0.00	66.02 3.14 0.00	60.66 3.40 -1.61	57.20 3.18 -4.39	49.55 2.81 -0.69	45.93 2.35 -0.10
KEDC_GLWD_GT5 24220	46.40 2.42 0.00	45.18 2.31 0.00	42.75 2.15 0.00	42.42 2.21 0.00	44.23 2.30 0.00	48.68 2.36 0.00	60.43 3.42 0.00	67.99 3.48 0.00	57.35 3.30 -0.85	47.77 2.66 0.00	44.92 2.58 0.00	42.20 2.54 0.00	41.73 2.17 0.00	42.91 2.24 0.00	43.41 2.34 0.00	46.18 2.75 -1.07	54.77 3.03 -2.81	65.24 3.22 0.00	78.02 3.92 0.00	66.02 3.14 0.00	60.66 3.40 -1.61	57.20 3.18 -4.39	49.55 2.81 -0.69	45.93 2.35 -0.10

KENSICO____ 23655	45.61 1.63 0.00	44.46 1.59 0.00	42.10 1.50 0.00	41.74 1.53 0.00	43.48 1.55 0.00	47.80 1.48 0.00	59.29 2.28 0.00	66.83 2.32 0.00	55.39 2.18 0.00	47.19 2.08 0.00	44.28 1.95 0.00	41.52 1.86 0.00	41.17 1.62 0.00	42.18 1.50 0.00	42.67 1.60 0.00	44.18 1.82 0.00	50.93 2.01 0.00	64.31 2.29 0.00	76.91 2.82 0.00	65.26 2.39 0.00	58.05 2.39 0.00	51.66 2.03 0.00	47.80 1.75 0.00	45.00 1.52 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.83 1.85 0.00	44.67 1.80 0.00	42.30 1.71 0.00	41.90 1.69 0.00	43.69 1.76 0.00	48.13 1.81 0.00	59.80 2.79 0.00	67.28 2.77 0.00	55.55 2.34 0.00	47.01 1.89 0.00	43.90 1.57 0.00	41.01 1.35 0.00	40.78 1.23 0.00	41.85 1.18 0.00	42.34 1.27 0.00	43.97 1.61 0.00	51.03 2.10 0.00	64.68 2.67 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.27 2.62 0.00	51.96 2.33 0.00	48.03 1.98 0.00	45.22 1.74 0.00
KIAC_JFK_GT1 23816	45.52 1.54 0.00	44.33 1.46 0.00	41.98 1.38 0.00	41.62 1.41 0.00	43.31 1.38 0.00	47.71 1.39 0.00	59.12 2.11 0.00	66.76 2.26 0.00	55.55 2.34 0.00	47.68 2.57 0.00	44.79 2.46 0.00	42.00 2.34 0.00	41.53 1.98 0.00	42.54 1.87 0.00	43.00 1.93 0.00	44.56 2.20 0.00	51.42 2.50 0.00	64.50 2.48 0.00	77.20 3.11 0.00	65.39 2.51 0.00	58.21 2.56 0.00	51.76 2.13 0.00	48.03 1.98 0.00	44.96 1.48 0.00
KIAC_JFK_GT2 23817	45.52 1.54 0.00	44.33 1.46 0.00	41.98 1.38 0.00	41.62 1.41 0.00	43.31 1.38 0.00	47.71 1.39 0.00	59.12 2.11 0.00	66.76 2.26 0.00	55.55 2.34 0.00	47.68 2.57 0.00	44.79 2.46 0.00	42.00 2.34 0.00	41.53 1.98 0.00	42.54 1.87 0.00	43.00 1.93 0.00	44.56 2.20 0.00	51.42 2.50 0.00	64.50 2.48 0.00	77.20 3.11 0.00	65.39 2.51 0.00	58.21 2.56 0.00	51.76 2.13 0.00	48.03 1.98 0.00	44.96 1.48 0.00
KIAC_JFK____ 323774	45.61 1.63 0.00	44.41 1.54 0.00	42.06 1.46 0.00	41.66 1.45 0.00	43.36 1.43 0.00	47.80 1.48 0.00	59.23 2.22 0.00	67.15 2.65 0.00	55.49 2.29 0.00	47.68 2.57 0.00	44.83 2.50 0.00	42.12 2.46 0.00	41.61 2.06 0.00	42.62 1.95 0.00	43.08 2.01 0.00	44.60 2.24 0.00	51.42 2.49 0.00	64.56 2.54 0.00	77.27 3.18 0.00	65.45 2.58 0.00	58.27 2.62 0.00	52.11 2.48 0.00	48.13 2.07 0.00	45.00 1.52 0.00
KINTIGH____ 23543	40.46 -3.52 0.00	39.44 -3.43 0.00	37.43 -3.17 0.00	37.03 -3.18 0.00	38.66 -3.27 0.00	43.22 -3.10 0.00	52.56 -4.45 0.00	59.54 -4.97 0.00	49.11 -4.10 0.00	42.00 -3.11 0.00	39.63 -2.71 0.00	37.12 -2.54 0.00	37.06 -2.49 0.00	38.23 -2.44 0.00	38.40 -2.67 0.00	39.52 -2.84 0.00	44.91 -4.01 0.00	57.12 -4.90 0.00	68.24 -5.85 0.00	57.78 -5.09 0.00	50.59 -5.06 0.00	45.21 -4.42 0.00	42.19 -3.87 0.00	39.87 -3.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	46.40 2.42 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.30 2.09 0.00	44.03 2.10 0.00	48.73 2.41 0.00	59.34 2.34 0.00	67.15 2.64 0.00	55.07 1.86 0.00	46.24 1.13 0.00	43.35 1.02 0.00	40.45 0.79 0.00	40.54 0.99 0.00	41.69 1.02 0.00	42.14 1.07 0.00	43.54 1.19 0.00	50.83 1.91 0.00	64.81 2.79 0.00	76.61 2.52 0.00	65.89 3.02 0.00	58.27 2.62 0.00	52.01 2.38 0.00	48.36 2.30 0.00	46.22 2.74 0.00
LACHUTE__HYDRO 323717	49.57 5.59 0.00	48.27 5.40 0.00	45.55 4.95 0.00	45.16 4.94 0.00	47.09 5.16 0.00	51.00 4.68 0.00	63.11 6.10 0.00	71.28 6.77 0.00	58.21 5.00 0.00	49.22 4.10 0.00	45.68 3.34 0.00	42.67 3.01 0.00	42.32 2.77 0.00	43.68 3.01 0.00	44.19 3.12 0.00	45.87 3.51 0.00	53.52 4.60 0.00	68.46 6.45 0.00	82.39 8.30 0.00	69.29 6.42 0.00	61.27 5.62 0.00	54.64 5.01 0.00	50.52 4.47 0.00	49.00 5.52 0.00
LAWRNCV_115KV_TB1 80681	45.52 1.54 0.00	44.29 1.41 0.00	41.94 1.34 0.00	41.50 1.29 0.00	43.10 1.17 0.00	47.43 1.11 0.00	58.20 1.20 0.00	65.73 1.23 0.00	54.00 0.80 0.00	45.38 0.27 0.00	42.80 0.47 0.00	40.14 0.48 0.00	40.42 0.87 0.00	41.81 1.14 0.00	42.22 1.15 0.00	43.54 1.19 0.00	50.34 1.42 0.00	63.57 1.55 0.00	75.72 1.63 0.00	64.32 1.45 0.00	56.99 1.34 0.00	51.12 1.49 0.00	47.76 1.70 0.00	45.13 1.65 0.00
LEDERLE____ 23769	45.52 1.54 0.00	44.37 1.50 0.00	42.02 1.42 0.00	41.66 1.45 0.00	43.40 1.47 0.00	47.66 1.34 0.00	59.12 2.11 0.00	66.63 2.13 0.00	55.17 1.97 0.00	47.01 1.89 0.00	44.11 1.78 0.00	41.37 1.71 0.00	41.02 1.46 0.00	42.06 1.38 0.00	42.51 1.44 0.00	44.01 1.65 0.00	50.64 1.71 0.00	63.94 1.92 0.00	76.46 2.37 0.00	64.95 2.07 0.00	57.71 2.06 0.00	51.42 1.79 0.00	47.62 1.57 0.00	44.83 1.35 0.00
LIGHTHSE_115KV_TB6 355974	45.48 1.50 0.00	44.20 1.33 0.00	41.77 1.18 0.00	41.42 1.21 0.00	43.19 1.26 0.00	48.03 1.71 0.00	59.34 2.34 0.00	67.47 2.97 0.00	55.33 2.13 0.00	46.24 1.13 0.00	43.90 1.57 0.00	40.93 1.27 0.00	41.06 1.50 0.00	42.50 1.83 0.00	42.92 1.85 0.00	44.35 1.99 0.00	49.41 0.49 0.00	62.76 0.74 0.00	75.13 1.04 0.00	63.69 0.82 0.00	56.04 0.39 0.00	50.03 0.40 0.00	46.47 0.41 0.00	43.78 0.30 0.00
LINDEN COGEN____ 23786	44.14 1.54 1.38	44.14 1.50 0.23	42.06 1.46 0.00	41.66 1.45 0.00	43.40 1.47 0.00	47.71 1.39 0.00	59.40 2.39 0.00	66.28 2.58 0.81	49.93 2.07 5.35	45.72 2.08 1.47	44.33 1.99 0.00	41.64 1.98 0.00	41.17 1.62 0.00	42.22 1.55 0.00	42.63 1.56 0.00	44.14 1.78 0.00	48.09 1.91 2.74	46.80 2.17 17.38	51.88 2.74 24.95	58.37 2.26 6.76	57.81 2.39 0.23	51.71 2.08 0.00	47.90 1.84 0.00	44.91 1.43 0.00
LINDHRST_69_KV_BK1 356055	46.75 2.77 0.00	45.57 2.70 0.00	42.91 2.31 0.00	42.58 2.37 0.00	44.49 2.56 0.00	48.87 2.55 0.00	60.60 3.59 0.00	67.99 3.48 0.00	57.78 3.72 -0.85	47.95 2.84 0.00	45.05 2.71 0.00	42.20 2.54 0.00	41.77 2.21 0.00	42.95 2.28 0.00	43.58 2.51 0.00	46.47 3.05 -1.07	55.16 3.42 -2.81	66.05 4.03 0.00	78.76 4.67 0.00	66.71 3.84 0.00	61.21 3.95 -1.61	57.50 3.47 -4.39	49.83 3.09 -0.69	46.32 2.74 -0.10
LIPA_MISC_IPP 23656	46.53 2.55 0.00	45.49 2.62 0.00	42.63 2.03 0.00	42.34 2.13 0.00	44.36 2.43 0.00	48.45 2.13 0.00	60.03 3.02 0.00	67.47 2.97 0.00	57.62 3.56 -0.85	47.64 2.53 0.00	44.75 2.41 0.00	41.88 2.22 0.00	41.41 1.86 0.00	42.62 1.95 0.00	43.25 2.18 0.00	46.22 2.80 -1.07	54.96 3.23 -2.81	65.80 3.78 0.00	78.17 4.07 0.00	66.20 3.33 0.00	61.04 3.78 -1.61	57.35 3.33 -4.39	49.51 2.76 -0.69	46.02 2.43 -0.10
LISF__SOLAR 323691	46.49 2.51 0.00	45.23 2.36 0.00	42.75 2.15 0.00	42.42 2.21 0.00	44.45 2.52 0.00	48.59 2.27 0.00	60.14 3.13 0.00	67.73 3.22 0.00	57.67 3.62 -0.85	47.64 2.52 0.00	44.79 2.45 0.00	42.00 2.34 0.00	41.45 1.90 0.00	42.71 2.03 0.00	43.33 2.26 0.00	46.26 2.84 -1.07	55.01 3.28 -2.81	66.23 4.22 0.00	79.06 4.96 0.00	66.52 3.65 0.00	61.21 3.95 -1.61	57.44 3.42 -4.39	49.65 2.90 -0.69	45.97 2.39 -0.10

LITTLE FALLS___HYD 24013	44.55 0.57 0.00	43.43 0.56 0.00	41.00 0.41 0.00	40.57 0.36 0.00	42.22 0.29 0.00	46.69 0.37 0.00	57.46 0.46 0.00	64.96 0.45 0.00	53.63 0.43 0.00	45.47 0.36 0.00	42.76 0.42 0.00	40.06 0.40 0.00	40.03 0.47 0.00	41.20 0.53 0.00	41.65 0.57 0.00	42.99 0.64 0.00	49.81 0.88 0.00	63.38 1.36 0.00	75.87 1.78 0.00	64.38 1.51 0.00	56.99 1.34 0.00	50.82 1.19 0.00	47.11 1.06 0.00	44.35 0.87 0.00
LITTLRIV_115KV_TB1 356100	46.05 2.07 0.00	44.80 1.93 0.00	42.38 1.79 0.00	41.98 1.77 0.00	43.57 1.64 0.00	48.03 1.71 0.00	59.00 2.00 0.00	66.63 2.13 0.00	54.64 1.44 0.00	45.79 0.68 0.00	43.18 0.85 0.00	40.49 0.83 0.00	40.78 1.23 0.00	42.18 1.50 0.00	42.63 1.56 0.00	43.97 1.61 0.00	50.93 2.01 0.00	64.37 2.36 0.00	76.76 2.67 0.00	65.26 2.39 0.00	57.77 2.11 0.00	51.71 2.08 0.00	48.31 2.26 0.00	45.65 2.17 0.00
LI_NEWBRDGE___DRP 323616	46.14 2.16 0.00	44.93 2.06 0.00	42.38 1.79 0.00	42.06 1.85 0.00	43.86 1.93 0.00	48.22 1.90 0.00	59.80 2.79 0.00	67.21 2.71 0.00	56.98 2.93 -0.85	47.41 2.30 0.00	44.54 2.20 0.00	41.76 2.10 0.00	41.33 1.78 0.00	42.46 1.79 0.00	43.04 1.97 0.00	45.80 2.37 -1.07	54.37 2.64 -2.81	65.05 3.04 0.00	77.57 3.48 0.00	65.76 2.89 0.00	60.32 3.06 -1.61	56.70 2.68 -4.39	49.09 2.35 -0.69	45.63 2.04 -0.10
LOCKPORT_115KV_TB60_63_64 80432	40.42 -3.56 0.00	39.44 -3.43 0.00	37.43 -3.17 0.00	37.03 -3.18 0.00	38.66 -3.27 0.00	43.31 -3.01 0.00	52.56 -4.45 0.00	59.34 -5.16 0.00	49.00 -4.20 0.00	41.91 -3.20 0.00	39.63 -2.71 0.00	37.12 -2.54 0.00	37.02 -2.53 0.00	38.27 -2.40 0.00	38.40 -2.67 0.00	39.52 -2.84 0.00	44.72 -4.21 0.00	56.99 -5.02 0.00	68.09 -6.00 0.00	57.65 -5.22 0.00	50.31 -5.34 0.00	45.01 -4.62 0.00	42.14 -3.91 0.00	39.91 -3.57 0.00
LOCKPORT___CC1 323769	40.29 -3.69 0.00	39.44 -3.43 0.00	37.47 -3.13 0.00	37.03 -3.18 0.00	38.70 -3.23 0.00	43.31 -3.01 0.00	52.56 -4.45 0.00	59.34 -5.16 0.00	49.64 -3.56 0.00	42.32 -2.80 0.00	39.75 -2.58 0.00	37.16 -2.50 0.00	37.06 -2.49 0.00	38.27 -2.40 0.00	38.44 -2.63 0.00	39.52 -2.84 0.00	44.86 -4.06 0.00	57.05 -4.96 0.00	68.09 -6.00 0.00	57.78 -5.09 0.00	50.76 -4.90 0.00	45.26 -4.37 0.00	42.23 -3.82 0.00	40.44 -3.04 0.00
LOCKPORT___CC2 323770	40.29 -3.69 0.00	39.44 -3.43 0.00	37.47 -3.13 0.00	37.03 -3.18 0.00	38.70 -3.23 0.00	43.31 -3.01 0.00	52.56 -4.45 0.00	59.34 -5.16 0.00	49.64 -3.56 0.00	42.32 -2.80 0.00	39.75 -2.58 0.00	37.16 -2.50 0.00	37.06 -2.49 0.00	38.27 -2.40 0.00	38.44 -2.63 0.00	39.52 -2.84 0.00	44.86 -4.06 0.00	57.05 -4.96 0.00	68.09 -6.00 0.00	57.78 -5.09 0.00	50.76 -4.90 0.00	45.26 -4.37 0.00	42.23 -3.82 0.00	40.44 -3.04 0.00
LOCKPORT___CC3 323771	40.29 -3.69 0.00	39.44 -3.43 0.00	37.47 -3.13 0.00	37.03 -3.18 0.00	38.70 -3.23 0.00	43.31 -3.01 0.00	52.56 -4.45 0.00	59.34 -5.16 0.00	49.64 -3.56 0.00	42.32 -2.80 0.00	39.75 -2.58 0.00	37.16 -2.50 0.00	37.06 -2.49 0.00	38.27 -2.40 0.00	38.44 -2.63 0.00	39.52 -2.84 0.00	44.86 -4.06 0.00	57.05 -4.96 0.00	68.09 -6.00 0.00	57.78 -5.09 0.00	50.76 -4.90 0.00	45.26 -4.37 0.00	42.23 -3.82 0.00	40.44 -3.04 0.00
LONG_LAKE_PHOENIX 24014	43.85 -0.13 0.00	42.70 -0.17 0.00	40.43 -0.16 0.00	40.09 -0.12 0.00	41.85 -0.08 0.00	46.51 0.19 0.00	57.35 0.34 0.00	65.09 0.58 0.00	53.53 0.32 0.00	45.16 0.05 0.00	42.59 0.25 0.00	39.74 0.08 0.00	39.71 0.16 0.00	40.92 0.24 0.00	41.32 0.25 0.00	42.61 0.25 0.00	48.88 -0.05 0.00	62.08 0.06 0.00	74.24 0.15 0.00	63.00 0.13 0.00	55.49 -0.17 0.00	49.43 -0.20 0.00	45.92 -0.14 0.00	43.26 -0.22 0.00
LOVETT___3 23632	45.39 1.41 0.00	44.20 1.33 0.00	41.90 1.30 0.00	41.54 1.33 0.00	43.27 1.34 0.00	47.48 1.16 0.00	58.83 1.82 0.00	66.31 1.81 0.00	54.91 1.70 0.00	46.83 1.71 0.00	43.95 1.61 0.00	41.25 1.59 0.00	40.90 1.34 0.00	41.93 1.26 0.00	42.38 1.31 0.00	43.88 1.52 0.00	50.39 1.47 0.00	63.57 1.55 0.00	76.09 2.00 0.00	64.57 1.70 0.00	57.38 1.73 0.00	51.17 1.54 0.00	47.39 1.34 0.00	44.65 1.17 0.00
LOVETT___4 23642	45.39 1.41 0.00	44.20 1.33 0.00	41.90 1.30 0.00	41.54 1.33 0.00	43.27 1.34 0.00	47.48 1.16 0.00	58.83 1.82 0.00	66.31 1.81 0.00	54.91 1.70 0.00	46.83 1.71 0.00	43.95 1.61 0.00	41.25 1.59 0.00	40.90 1.34 0.00	41.93 1.26 0.00	42.38 1.31 0.00	43.88 1.52 0.00	50.39 1.47 0.00	63.57 1.55 0.00	76.09 2.00 0.00	64.57 1.70 0.00	57.38 1.73 0.00	51.17 1.54 0.00	47.39 1.34 0.00	44.65 1.17 0.00
LOVETT___5 23593	45.39 1.41 0.00	44.20 1.33 0.00	41.90 1.30 0.00	41.54 1.33 0.00	43.27 1.34 0.00	47.48 1.16 0.00	58.83 1.82 0.00	66.31 1.81 0.00	54.91 1.70 0.00	46.83 1.71 0.00	43.95 1.61 0.00	41.25 1.59 0.00	40.90 1.34 0.00	41.93 1.26 0.00	42.38 1.31 0.00	43.88 1.52 0.00	50.39 1.47 0.00	63.57 1.55 0.00	76.09 2.00 0.00	64.57 1.70 0.00	57.38 1.73 0.00	51.17 1.54 0.00	47.39 1.34 0.00	44.65 1.17 0.00
LOWER RAQUET___HYD 24057	45.52 1.54 0.00	44.33 1.46 0.00	41.93 1.34 0.00	41.54 1.33 0.00	43.10 1.17 0.00	47.39 1.07 0.00	58.15 1.14 0.00	65.47 0.97 0.00	53.90 0.69 0.00	45.25 0.14 0.00	42.67 0.34 0.00	40.06 0.40 0.00	40.42 0.87 0.00	41.81 1.14 0.00	42.26 1.19 0.00	43.59 1.23 0.00	50.34 1.42 0.00	63.57 1.55 0.00	75.65 1.56 0.00	64.32 1.45 0.00	56.93 1.28 0.00	51.12 1.49 0.00	47.80 1.75 0.00	45.17 1.69 0.00
LOWER___HUDSON 24059	45.91 1.93 0.00	44.80 1.93 0.00	42.34 1.74 0.00	41.94 1.73 0.00	43.77 1.84 0.00	48.17 1.85 0.00	59.12 2.11 0.00	66.96 2.45 0.00	55.18 1.97 0.00	46.87 1.76 0.00	43.86 1.52 0.00	41.17 1.51 0.00	40.94 1.38 0.00	42.06 1.38 0.00	42.51 1.44 0.00	43.88 1.52 0.00	50.68 1.76 0.00	64.37 2.36 0.00	76.83 2.74 0.00	65.13 2.26 0.00	57.82 2.17 0.00	51.62 1.99 0.00	47.76 1.70 0.00	45.17 1.69 0.00
LOWVILLE_115KV_TB2 356335	45.08 1.10 0.00	43.86 0.99 0.00	41.41 0.81 0.00	41.06 0.84 0.00	42.73 0.80 0.00	47.52 1.20 0.00	58.77 1.77 0.00	66.89 2.39 0.00	55.01 1.81 0.00	45.97 0.86 0.00	43.44 1.10 0.00	40.61 0.95 0.00	41.06 1.50 0.00	42.54 1.87 0.00	42.96 1.89 0.00	44.35 1.99 0.00	50.93 2.01 0.00	64.74 2.73 0.00	77.57 3.48 0.00	65.76 2.89 0.00	57.49 1.84 0.00	51.17 1.54 0.00	47.90 1.84 0.00	45.13 1.65 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.88 2.90 0.00	45.74 2.87 0.00	43.24 2.64 0.00	42.83 2.61 0.00	44.66 2.73 0.00	48.87 2.55 0.00	60.14 3.14 0.00	67.99 3.48 0.00	55.97 2.77 0.00	47.46 2.35 0.00	44.24 1.91 0.00	41.48 1.82 0.00	41.25 1.70 0.00	42.46 1.79 0.00	42.88 1.81 0.00	44.35 1.99 0.00	51.42 2.50 0.00	65.36 3.35 0.00	78.31 4.22 0.00	66.20 3.33 0.00	58.71 3.06 0.00	52.41 2.78 0.00	48.49 2.44 0.00	46.31 2.83 0.00

LUTHERNY_35_KV_BK2 355980	46.93 2.95 0.00	45.79 2.92 0.00	43.28 2.68 0.00	42.87 2.65 0.00	44.70 2.77 0.00	48.91 2.59 0.00	60.20 3.19 0.00	68.05 3.55 0.00	56.03 2.82 0.00	47.50 2.39 0.00	44.28 1.95 0.00	41.48 1.82 0.00	41.29 1.74 0.00	42.46 1.79 0.00	42.92 1.85 0.00	44.39 2.03 0.00	51.47 2.54 0.00	65.43 3.41 0.00	78.39 4.30 0.00	66.27 3.40 0.00	58.77 3.12 0.00	52.46 2.83 0.00	48.54 2.49 0.00	46.31 2.83 0.00
LWR___OSWEGATCHIE_HYD 23850	45.35 1.36 0.00	44.11 1.24 0.00	41.65 1.06 0.00	41.30 1.09 0.00	42.89 0.96 0.00	47.43 1.11 0.00	58.49 1.48 0.00	66.31 1.81 0.00	54.43 1.22 0.00	45.56 0.45 0.00	43.01 0.68 0.00	40.30 0.63 0.00	40.66 1.11 0.00	42.14 1.46 0.00	42.55 1.48 0.00	43.93 1.57 0.00	50.49 1.57 0.00	64.00 1.98 0.00	76.39 2.30 0.00	64.82 1.95 0.00	57.10 1.45 0.00	51.07 1.44 0.00	47.76 1.70 0.00	45.05 1.57 0.00
LYONS_FALL_HYD 23570	44.99 1.01 0.00	43.81 0.94 0.00	41.41 0.81 0.00	41.06 0.85 0.00	42.77 0.84 0.00	47.52 1.20 0.00	58.78 1.77 0.00	66.82 2.32 0.00	55.02 1.81 0.00	46.10 0.99 0.00	43.48 1.14 0.00	40.65 0.99 0.00	40.90 1.35 0.00	42.30 1.63 0.00	42.71 1.64 0.00	44.05 1.70 0.00	50.68 1.76 0.00	64.50 2.48 0.00	77.20 3.11 0.00	65.45 2.58 0.00	57.38 1.73 0.00	51.07 1.44 0.00	47.66 1.61 0.00	44.91 1.43 0.00
MADISON___COUNTY_LFGE 323628	44.91 0.92 0.00	43.77 0.90 0.00	41.45 0.85 0.00	41.10 0.88 0.00	42.85 0.92 0.00	47.66 1.34 0.00	58.83 1.82 0.00	67.54 3.03 0.00	55.49 2.29 0.00	46.60 1.49 0.00	43.86 1.52 0.00	40.93 1.27 0.00	40.98 1.42 0.00	42.30 1.63 0.00	42.67 1.60 0.00	44.01 1.65 0.00	50.29 1.37 0.00	63.94 1.92 0.00	76.54 2.44 0.00	64.88 2.01 0.00	57.16 1.50 0.00	50.82 1.19 0.00	47.20 1.15 0.00	44.52 1.04 0.00
MALONE___115KV_TB1 356076	46.18 2.20 0.00	44.93 2.06 0.00	42.51 1.91 0.00	42.06 1.85 0.00	43.78 1.84 0.00	48.45 2.13 0.00	59.40 2.39 0.00	67.21 2.71 0.00	55.12 1.92 0.00	46.33 1.22 0.00	43.56 1.23 0.00	40.73 1.07 0.00	40.90 1.34 0.00	42.14 1.46 0.00	42.55 1.48 0.00	43.97 1.61 0.00	51.13 2.20 0.00	64.87 2.85 0.00	77.28 3.19 0.00	65.83 2.95 0.00	58.16 2.50 0.00	51.96 2.33 0.00	48.40 2.35 0.00	45.87 2.39 0.00
MAPLEWOD_115KV_TB3 80458	45.35 1.36 0.00	44.24 1.37 0.00	41.94 1.34 0.00	41.54 1.33 0.00	43.27 1.34 0.00	47.71 1.39 0.00	58.66 1.65 0.00	66.31 1.81 0.00	54.80 1.60 0.00	46.56 1.44 0.00	43.61 1.27 0.00	40.93 1.27 0.00	40.74 1.19 0.00	41.85 1.18 0.00	42.30 1.23 0.00	43.54 1.19 0.00	50.20 1.27 0.00	63.63 1.61 0.00	76.02 1.93 0.00	64.38 1.51 0.00	57.21 1.56 0.00	51.07 1.44 0.00	47.30 1.24 0.00	44.74 1.26 0.00
MAPLE_RIDGE_WT_1 323574	43.81 -0.18 0.00	42.70 -0.17 0.00	40.44 -0.16 0.00	40.01 -0.20 0.00	41.76 -0.17 0.00	46.18 -0.14 0.00	56.89 -0.11 0.00	64.44 -0.06 0.00	53.21 0.00 0.00	45.07 -0.05 0.00	42.34 0.00 0.00	39.62 -0.04 0.00	39.55 0.00 0.00	40.63 -0.04 0.00	41.03 -0.04 0.00	42.36 0.00 0.00	49.02 0.10 0.00	62.20 0.19 0.00	74.24 0.15 0.00	62.94 0.06 0.00	55.71 0.06 0.00	49.68 0.05 0.00	46.10 0.05 0.00	43.48 0.00 0.00
MAPLE_RIDGE_WT_2 323611	43.81 -0.18 0.00	42.70 -0.17 0.00	40.44 -0.16 0.00	40.01 -0.20 0.00	41.76 -0.17 0.00	46.18 -0.14 0.00	56.89 -0.11 0.00	64.44 -0.06 0.00	53.21 0.00 0.00	45.07 -0.05 0.00	42.34 0.00 0.00	39.62 -0.04 0.00	39.55 0.00 0.00	40.63 -0.04 0.00	41.03 -0.04 0.00	42.36 0.00 0.00	49.02 0.10 0.00	62.20 0.19 0.00	74.24 0.15 0.00	62.94 0.06 0.00	55.71 0.06 0.00	49.68 0.05 0.00	46.10 0.05 0.00	43.48 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	45.91 1.93 0.00	44.71 1.84 0.00	42.34 1.74 0.00	41.86 1.65 0.00	43.56 1.63 0.00	48.17 1.85 0.00	58.43 1.43 0.00	65.08 0.58 0.00	54.27 1.06 0.00	45.61 0.50 0.00	42.72 0.38 0.00	39.82 0.16 0.00	39.87 0.31 0.00	41.00 0.32 0.00	41.40 0.33 0.00	42.82 0.47 0.00	50.10 1.17 0.00	64.00 1.98 0.00	75.49 1.40 0.00	65.13 2.26 0.00	57.71 2.06 0.00	51.47 1.84 0.00	47.85 1.79 0.00	45.91 2.43 0.00
MARSHVLE_115KV_TB1 80742	46.58 2.59 0.00	45.36 2.49 0.00	42.87 2.27 0.00	42.50 2.29 0.00	44.32 2.39 0.00	49.24 2.92 0.00	61.11 4.10 0.00	68.83 4.32 0.00	56.19 2.98 0.00	47.28 2.17 0.00	43.95 1.61 0.00	40.85 1.19 0.00	41.25 1.70 0.00	42.54 1.87 0.00	42.96 1.89 0.00	44.48 2.12 0.00	51.81 2.89 0.00	66.05 4.03 0.00	79.35 5.26 0.00	67.08 4.21 0.00	59.27 3.62 0.00	52.85 3.23 0.00	48.86 2.81 0.00	46.05 2.57 0.00
MARSH_HILL_WT_PWR 323713	42.49 -1.50 0.00	41.54 -1.33 0.00	39.46 -1.14 0.00	39.09 -1.13 0.00	40.88 -1.05 0.00	45.63 -0.69 0.00	56.04 -0.97 0.00	63.41 -1.10 0.00	52.35 -0.85 0.00	44.48 -0.63 0.00	41.87 -0.46 0.00	39.19 -0.47 0.00	39.20 -0.36 0.00	40.47 -0.20 0.00	40.83 -0.24 0.00	42.19 -0.17 0.00	48.58 -0.34 0.00	61.95 -0.06 0.00	74.09 0.00 0.00	62.68 -0.19 0.00	54.76 -0.89 0.00	48.58 -1.04 0.00	44.95 -1.11 0.00	42.61 -0.87 0.00
MCINTYRE_115KV_TB2 80467	46.22 2.24 0.00	45.01 2.14 0.00	42.55 1.95 0.00	42.18 1.97 0.00	43.86 1.93 0.00	48.40 2.08 0.00	59.51 2.51 0.00	67.34 2.84 0.00	55.17 1.97 0.00	46.19 1.08 0.00	43.48 1.14 0.00	40.73 1.07 0.00	40.98 1.42 0.00	42.34 1.67 0.00	42.80 1.72 0.00	44.14 1.78 0.00	51.22 2.30 0.00	64.93 2.91 0.00	77.50 3.41 0.00	65.89 3.02 0.00	58.27 2.62 0.00	52.11 2.48 0.00	48.59 2.53 0.00	45.91 2.43 0.00
MECO_____69_KV_BK1 80468	47.28 3.30 0.00	46.09 3.22 0.00	43.52 2.92 0.00	43.15 2.94 0.00	44.99 3.06 0.00	49.98 3.66 0.00	61.97 4.96 0.00	69.79 5.29 0.00	57.04 3.83 0.00	48.04 2.93 0.00	44.71 2.37 0.00	41.68 2.02 0.00	41.81 2.25 0.00	43.07 2.40 0.00	43.58 2.51 0.00	45.11 2.75 0.00	52.54 3.62 0.00	67.04 5.02 0.00	80.61 6.52 0.00	68.09 5.22 0.00	60.16 4.51 0.00	53.65 4.02 0.00	49.55 3.50 0.00	46.74 3.26 0.00
MENANDS___115KV_TB5 355628	45.13 1.14 0.00	44.03 1.16 0.00	41.77 1.18 0.00	41.34 1.13 0.00	43.10 1.17 0.00	47.48 1.16 0.00	58.32 1.31 0.00	65.92 1.42 0.00	54.48 1.28 0.00	46.33 1.22 0.00	43.40 1.06 0.00	40.81 1.15 0.00	40.58 1.03 0.00	41.69 1.02 0.00	42.14 1.07 0.00	43.29 0.93 0.00	49.90 0.98 0.00	63.13 1.12 0.00	75.42 1.33 0.00	63.94 1.07 0.00	56.82 1.17 0.00	50.72 1.09 0.00	47.02 0.97 0.00	44.52 1.04 0.00
MG INDUSTRY___DRP 24185	45.13 1.14 0.00	44.03 1.16 0.00	41.73 1.14 0.00	41.34 1.13 0.00	43.06 1.13 0.00	47.48 1.16 0.00	58.37 1.37 0.00	65.92 1.42 0.00	54.38 1.17 0.00	46.10 0.99 0.00	43.14 0.80 0.00	40.49 0.83 0.00	40.30 0.75 0.00	41.45 0.77 0.00	41.89 0.82 0.00	43.08 0.72 0.00	49.81 0.88 0.00	63.13 1.12 0.00	75.50 1.41 0.00	64.00 1.13 0.00	56.77 1.11 0.00	50.67 1.04 0.00	47.02 0.97 0.00	44.52 1.04 0.00

MID___OSWEGATCHIE_HYD 23849	45.35 1.36 0.00	44.11 1.24 0.00	41.65 1.06 0.00	41.30 1.09 0.00	42.89 0.96 0.00	47.43 1.11 0.00	58.49 1.48 0.00	66.31 1.81 0.00	54.43 1.22 0.00	45.56 0.45 0.00	43.01 0.68 0.00	40.30 0.63 0.00	40.66 1.11 0.00	42.14 1.46 0.00	42.55 1.48 0.00	43.93 1.57 0.00	50.49 1.57 0.00	64.00 1.98 0.00	76.39 2.30 0.00	64.82 1.95 0.00	57.10 1.45 0.00	51.07 1.44 0.00	47.76 1.70 0.00	45.05 1.57 0.00
MID___RAQUETTE_HYD 23851	45.52 1.54 0.00	44.33 1.46 0.00	41.94 1.34 0.00	41.54 1.33 0.00	43.10 1.17 0.00	47.39 1.07 0.00	58.15 1.14 0.00	65.67 1.16 0.00	53.90 0.69 0.00	45.25 0.14 0.00	42.68 0.34 0.00	40.06 0.40 0.00	40.42 0.87 0.00	41.81 1.14 0.00	42.26 1.19 0.00	43.59 1.23 0.00	50.34 1.42 0.00	63.57 1.55 0.00	75.65 1.56 0.00	64.32 1.45 0.00	56.99 1.34 0.00	51.12 1.49 0.00	47.80 1.75 0.00	45.18 1.70 0.00
MILLIKEN___1 23584	44.25 0.26 0.00	43.09 0.21 0.00	40.80 0.20 0.00	40.45 0.24 0.00	42.22 0.29 0.00	46.97 0.65 0.00	57.92 0.91 0.00	65.67 1.16 0.00	53.95 0.74 0.00	45.61 0.50 0.00	42.84 0.51 0.00	39.98 0.32 0.00	39.91 0.36 0.00	41.12 0.45 0.00	41.48 0.41 0.00	42.82 0.47 0.00	49.51 0.59 0.00	63.01 0.99 0.00	75.42 1.33 0.00	63.94 1.07 0.00	56.32 0.67 0.00	50.08 0.45 0.00	46.47 0.41 0.00	43.83 0.35 0.00
MILLIKEN___2 23585	44.25 0.26 0.00	43.09 0.21 0.00	40.80 0.20 0.00	40.45 0.24 0.00	42.22 0.29 0.00	46.97 0.65 0.00	57.92 0.91 0.00	65.67 1.16 0.00	53.95 0.74 0.00	45.61 0.50 0.00	42.84 0.51 0.00	39.98 0.32 0.00	39.91 0.36 0.00	41.12 0.45 0.00	41.48 0.41 0.00	42.82 0.47 0.00	49.51 0.59 0.00	63.01 0.99 0.00	75.42 1.33 0.00	63.94 1.07 0.00	56.32 0.67 0.00	50.08 0.45 0.00	46.47 0.41 0.00	43.83 0.35 0.00
MILLIKEN___DIESEL 23629	44.25 0.26 0.00	43.09 0.21 0.00	40.80 0.20 0.00	40.45 0.24 0.00	42.22 0.29 0.00	46.97 0.65 0.00	57.92 0.91 0.00	65.67 1.16 0.00	53.95 0.74 0.00	45.61 0.50 0.00	42.84 0.51 0.00	39.98 0.32 0.00	39.91 0.36 0.00	41.12 0.45 0.00	41.48 0.41 0.00	42.82 0.47 0.00	49.51 0.59 0.00	63.01 0.99 0.00	75.42 1.33 0.00	63.94 1.07 0.00	56.32 0.67 0.00	50.08 0.45 0.00	46.47 0.41 0.00	43.83 0.35 0.00
MILLSEAT___LFGE 323607	41.17 -2.82 0.00	40.30 -2.57 0.00	38.28 -2.31 0.00	37.88 -2.33 0.00	39.54 -2.39 0.00	44.33 -1.99 0.00	53.93 -3.08 0.00	61.08 -3.42 0.00	50.92 -2.29 0.00	43.26 -1.85 0.00	40.56 -1.78 0.00	37.88 -1.78 0.00	37.77 -1.78 0.00	39.09 -1.59 0.00	39.31 -1.76 0.00	40.41 -1.95 0.00	46.04 -2.89 0.00	58.73 -3.29 0.00	70.02 -4.07 0.00	59.48 -3.40 0.00	52.20 -3.45 0.00	46.45 -3.18 0.00	43.34 -2.72 0.00	41.35 -2.13 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.52 1.54 0.00	44.37 1.50 0.00	42.02 1.42 0.00	41.66 1.45 0.00	43.40 1.47 0.00	47.71 1.39 0.00	59.12 2.11 0.00	66.63 2.13 0.00	55.28 2.08 0.00	47.05 1.94 0.00	44.11 1.78 0.00	41.41 1.75 0.00	41.06 1.50 0.00	42.10 1.42 0.00	42.55 1.48 0.00	44.05 1.69 0.00	50.78 1.86 0.00	64.12 2.11 0.00	76.68 2.59 0.00	65.07 2.20 0.00	57.88 2.23 0.00	51.56 1.94 0.00	47.71 1.66 0.00	44.87 1.39 0.00
MILLWOOD_13_KV_LOAD 356217	45.61 1.63 0.00	44.46 1.59 0.00	42.06 1.46 0.00	41.70 1.49 0.00	43.44 1.51 0.00	47.76 1.44 0.00	59.23 2.22 0.00	66.76 2.26 0.00	55.33 2.13 0.00	47.10 1.98 0.00	44.16 1.82 0.00	41.41 1.75 0.00	41.06 1.50 0.00	42.10 1.42 0.00	42.55 1.48 0.00	44.05 1.69 0.00	50.88 1.96 0.00	64.25 2.23 0.00	76.83 2.74 0.00	65.20 2.33 0.00	57.99 2.34 0.00	51.66 2.03 0.00	47.76 1.70 0.00	44.96 1.48 0.00
MODEL_CITY_ENERGY 24167	39.76 -4.22 0.00	38.97 -3.90 0.00	37.02 -3.57 0.00	36.59 -3.62 0.00	38.20 -3.73 0.00	42.75 -3.57 0.00	51.88 -5.13 0.00	58.57 -5.93 0.00	48.95 -4.26 0.00	41.77 -3.34 0.00	39.25 -3.09 0.00	36.69 -2.98 0.00	36.59 -2.97 0.00	37.79 -2.89 0.00	37.95 -3.12 0.00	39.01 -3.35 0.00	44.28 -4.65 0.00	56.25 -5.77 0.00	67.12 -6.97 0.00	57.03 -5.85 0.00	50.14 -5.51 0.00	44.67 -4.96 0.00	41.72 -4.33 0.00	39.92 -3.56 0.00
MODERN_LFGE___ 323580	39.76 -4.22 0.00	38.97 -3.90 0.00	37.02 -3.57 0.00	36.59 -3.62 0.00	38.20 -3.73 0.00	42.75 -3.57 0.00	51.88 -5.13 0.00	58.57 -5.93 0.00	48.95 -4.26 0.00	41.77 -3.34 0.00	39.25 -3.09 0.00	36.69 -2.98 0.00	36.59 -2.97 0.00	37.79 -2.89 0.00	37.95 -3.12 0.00	39.01 -3.35 0.00	44.28 -4.65 0.00	56.25 -5.77 0.00	67.12 -6.97 0.00	57.03 -5.85 0.00	50.14 -5.51 0.00	44.67 -4.96 0.00	41.72 -4.33 0.00	39.92 -3.56 0.00
MOHAWK_PAPER___DRP 24187	45.35 1.36 0.00	44.24 1.37 0.00	41.94 1.34 0.00	41.54 1.33 0.00	43.27 1.34 0.00	47.71 1.39 0.00	58.66 1.65 0.00	66.31 1.81 0.00	54.80 1.60 0.00	46.56 1.44 0.00	43.61 1.27 0.00	40.93 1.27 0.00	40.74 1.19 0.00	41.85 1.18 0.00	42.30 1.23 0.00	43.54 1.19 0.00	50.20 1.27 0.00	63.63 1.61 0.00	76.02 1.93 0.00	64.38 1.51 0.00	57.21 1.56 0.00	51.07 1.44 0.00	47.30 1.24 0.00	44.74 1.26 0.00
MOHICAN___35_KV_115KV_LD 80490	47.94 3.96 0.00	46.73 3.86 0.00	44.17 3.57 0.00	43.75 3.54 0.00	45.66 3.73 0.00	49.33 3.01 0.00	60.83 3.82 0.00	68.70 4.19 0.00	56.45 3.25 0.00	47.82 2.71 0.00	44.41 2.07 0.00	41.60 1.94 0.00	41.33 1.78 0.00	42.58 1.91 0.00	43.04 1.97 0.00	44.60 2.24 0.00	51.81 2.89 0.00	66.05 4.03 0.00	79.28 5.19 0.00	66.90 4.02 0.00	59.21 3.56 0.00	52.85 3.23 0.00	48.95 2.90 0.00	47.39 3.91 0.00
MONGAUP___HYD 23641	45.65 1.67 0.00	44.46 1.59 0.00	42.14 1.54 0.00	41.74 1.53 0.00	43.48 1.55 0.00	47.90 1.58 0.00	59.46 2.45 0.00	66.96 2.45 0.00	55.07 1.86 0.00	46.60 1.49 0.00	43.57 1.23 0.00	40.77 1.11 0.00	40.54 0.99 0.00	41.65 0.97 0.00	42.10 1.03 0.00	43.67 1.31 0.00	50.68 1.76 0.00	64.31 2.30 0.00	77.06 2.97 0.00	65.32 2.45 0.00	57.88 2.23 0.00	51.62 1.99 0.00	47.76 1.70 0.00	44.96 1.48 0.00
MONTAUK___DIESEL 23721	46.53 2.55 0.00	45.31 2.44 0.00	42.38 1.79 0.00	42.10 1.89 0.00	44.11 2.18 0.00	48.17 1.85 0.00	59.69 2.68 0.00	67.21 2.71 0.00	57.56 3.51 -0.85	47.41 2.30 0.00	44.20 1.86 0.00	41.29 1.63 0.00	40.74 1.19 0.00	41.85 1.18 0.00	42.47 1.40 0.00	45.50 2.08 -1.07	54.08 2.35 -2.81	64.93 2.91 0.00	77.94 3.85 0.00	66.52 3.65 0.00	61.55 4.29 -1.61	57.94 3.92 -4.39	49.97 3.22 -0.69	46.76 3.17 -0.10
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.15 -0.84 0.00	42.19 -0.69 0.00	40.07 -0.53 0.00	39.65 -0.56 0.00	41.39 -0.55 0.00	46.51 0.19 0.00	56.95 -0.06 0.00	63.92 -0.58 0.00	52.62 -0.59 0.00	44.89 -0.23 0.00	42.46 0.13 0.00	39.78 0.12 0.00	39.67 0.12 0.00	40.88 0.20 0.00	40.95 -0.12 0.00	42.27 -0.08 0.00	47.75 -1.17 0.00	61.09 -0.93 0.00	73.05 -1.04 0.00	61.30 -1.57 0.00	53.15 -2.50 0.00	47.45 -2.18 0.00	44.40 -1.66 0.00	42.09 -1.39 0.00

MORRIS_RIDGE___SOLAR 323848	42.00 -1.98 0.00	41.07 -1.80 0.00	39.05 -1.54 0.00	38.64 -1.57 0.00	40.38 -1.55 0.00	45.12 -1.20 0.00	55.24 -1.77 0.00	62.25 -2.26 0.00	51.24 -1.97 0.00	43.49 -1.62 0.00	40.85 -1.48 0.00	38.27 -1.39 0.00	38.21 -1.34 0.00	39.49 -1.18 0.00	39.75 -1.32 0.00	41.09 -1.27 0.00	47.17 -1.76 0.00	60.03 -1.99 0.00	71.79 -2.30 0.00	60.86 -2.01 0.00	53.32 -2.34 0.00	47.35 -2.28 0.00	44.03 -2.03 0.00	41.96 -1.52 0.00
MORTIMER_115KV_TB3 55949	41.69 -2.29 0.00	40.60 -2.27 0.00	38.53 -2.07 0.00	38.16 -2.05 0.00	39.83 -2.10 0.00	44.42 -1.90 0.00	54.27 -2.74 0.00	61.60 -2.90 0.00	50.81 -2.39 0.00	43.22 -1.89 0.00	40.69 -1.65 0.00	38.07 -1.59 0.00	38.01 -1.54 0.00	39.25 -1.42 0.00	39.47 -1.60 0.00	40.66 -1.69 0.00	46.53 -2.40 0.00	59.22 -2.79 0.00	70.76 -3.33 0.00	59.92 -2.95 0.00	52.59 -3.06 0.00	46.90 -2.73 0.00	43.66 -2.39 0.00	41.22 -2.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.51 2.51 0.00	67.08 2.58 0.00	55.60 2.39 0.00	47.41 2.30 0.00	44.50 2.16 0.00	41.76 2.10 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.84 1.77 0.00	44.35 1.99 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.27 2.62 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.13 1.65 0.00
MUNSVILLE_WIND_PWR 323609	47.06 3.08 0.00	45.79 2.92 0.00	43.28 2.68 0.00	42.95 2.74 0.00	44.78 2.85 0.00	50.30 3.98 0.00	62.42 5.42 0.00	70.76 6.26 0.00	57.89 4.68 0.00	48.09 2.98 0.00	45.22 2.88 0.00	42.16 2.50 0.00	42.16 2.61 0.00	43.76 3.09 0.00	44.15 3.08 0.00	45.54 3.18 0.00	53.13 4.21 0.00	68.16 6.14 0.00	81.94 7.85 0.00	69.29 6.42 0.00	60.66 5.01 0.00	53.60 3.97 0.00	49.65 3.59 0.00	46.74 3.26 0.00
N SALMON___HYD 24042	46.18 2.20 0.00	44.93 2.06 0.00	42.51 1.91 0.00	42.06 1.85 0.00	43.77 1.84 0.00	48.45 2.13 0.00	59.40 2.39 0.00	66.89 2.39 0.00	55.12 1.91 0.00	46.33 1.22 0.00	43.57 1.23 0.00	40.73 1.07 0.00	40.90 1.35 0.00	42.13 1.46 0.00	42.55 1.48 0.00	43.97 1.61 0.00	51.13 2.20 0.00	64.87 2.85 0.00	77.20 3.11 0.00	65.83 2.96 0.00	58.16 2.51 0.00	51.96 2.33 0.00	48.40 2.35 0.00	45.87 2.39 0.00
N.AKRON__115KV_KNAPP 355671	41.25 -2.73 0.00	40.26 -2.62 0.00	38.20 -2.40 0.00	37.80 -2.41 0.00	39.50 -2.43 0.00	44.24 -2.08 0.00	53.81 -3.19 0.00	60.89 -3.61 0.00	50.17 -3.03 0.00	42.81 -2.30 0.00	40.39 -1.95 0.00	37.84 -1.82 0.00	37.73 -1.82 0.00	39.05 -1.63 0.00	39.18 -1.89 0.00	40.33 -2.03 0.00	45.79 -3.13 0.00	58.48 -3.53 0.00	69.87 -4.22 0.00	59.10 -3.77 0.00	51.59 -4.06 0.00	46.11 -3.52 0.00	43.11 -2.95 0.00	40.83 -2.65 0.00
N.BELMOR_69_KV_BK1 55787	46.44 2.46 0.00	45.23 2.36 0.00	42.67 2.07 0.00	42.34 2.13 0.00	44.15 2.22 0.00	48.59 2.27 0.00	60.26 3.25 0.00	67.54 3.03 0.00	57.24 3.19 -0.85	47.64 2.53 0.00	44.67 2.33 0.00	41.96 2.30 0.00	41.57 2.02 0.00	42.71 2.03 0.00	43.25 2.18 0.00	46.18 2.75 -1.07	54.77 3.03 -2.81	65.55 3.53 0.00	78.24 4.15 0.00	66.33 3.46 0.00	60.82 3.56 -1.61	57.10 3.08 -4.39	49.46 2.72 -0.69	46.02 2.43 -0.10
N.E_GEN_SANDY PD 24062	45.65 1.67 0.00	44.50 1.63 0.00	42.10 1.50 0.00	41.70 1.49 0.00	43.56 1.63 0.00	48.00 1.62 -0.06	58.83 1.82 0.00	66.57 2.06 0.00	54.96 1.75 0.00	46.78 1.67 0.00	43.78 1.44 0.00	41.17 1.51 0.00	40.90 1.35 0.00	41.97 1.30 0.00	42.42 1.35 0.00	43.84 1.48 0.00	50.54 1.61 0.00	64.06 2.04 0.00	76.39 2.30 0.00	64.82 1.95 0.00	57.60 1.95 0.00	52.90 1.84 -1.43	47.16 1.52 0.41	44.78 1.30 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.39 1.41 0.00	44.24 1.37 0.00	41.90 1.30 0.00	41.54 1.33 0.00	43.27 1.34 0.00	47.48 1.16 0.00	58.83 1.82 0.00	66.31 1.81 0.00	54.96 1.76 0.00	46.83 1.71 0.00	43.99 1.65 0.00	41.25 1.59 0.00	40.90 1.34 0.00	41.93 1.26 0.00	42.38 1.31 0.00	43.88 1.52 0.00	50.49 1.57 0.00	63.69 1.67 0.00	76.24 2.15 0.00	64.70 1.82 0.00	57.49 1.84 0.00	51.27 1.64 0.00	47.44 1.38 0.00	44.70 1.22 0.00
N.QUEENS_27_KV_LOAD 356247	46.40 2.42 0.00	45.23 2.36 0.00	42.83 2.23 0.00	42.42 2.21 0.00	44.19 2.26 0.00	48.59 2.27 0.00	60.43 3.42 0.00	67.41 2.90 0.00	55.76 2.55 0.00	47.59 2.48 0.00	44.75 2.41 0.00	42.00 2.34 0.00	41.49 1.94 0.00	42.50 1.83 0.00	42.96 1.89 0.00	44.48 2.12 0.00	51.22 2.30 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.27 2.62 0.00	51.81 2.18 0.00	48.40 2.35 0.00	45.66 2.17 -0.01
N.TROY___115KV_TB1 355778	45.92 1.94 0.00	44.80 1.93 0.00	42.38 1.79 0.00	41.98 1.77 0.00	43.78 1.84 0.00	48.17 1.85 0.00	59.12 2.11 0.00	66.89 2.39 0.00	55.23 2.02 0.00	46.92 1.80 0.00	43.86 1.52 0.00	41.17 1.51 0.00	40.94 1.38 0.00	42.06 1.38 0.00	42.51 1.44 0.00	43.88 1.52 0.00	50.73 1.81 0.00	64.37 2.36 0.00	76.91 2.82 0.00	65.20 2.33 0.00	57.88 2.23 0.00	51.66 2.03 0.00	47.80 1.75 0.00	45.26 1.78 0.00
NARROWS_GT1_1 24228	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT1_2 24229	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT1_3 24230	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT1_4 24231	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15

NARROWS_GT1_5 24232	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT1_6 24233	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT1_7 24234	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT1_8 24235	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT2_1 24236	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT2_2 24237	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT2_3 24238	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT2_4 24239	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT2_5 24240	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT2_6 24241	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT2_7 24242	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NARROWS_GT2_8 24243	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.05 2.07 0.00	44.93 2.06 0.00	42.63 2.03 0.00	42.22 2.01 0.00	43.94 2.01 0.00	48.50 2.18 0.00	59.97 2.96 0.00	67.47 2.97 0.00	55.44 2.23 0.00	46.65 1.53 0.00	43.44 1.10 0.00	40.65 0.99 0.00	40.50 0.95 0.00	41.65 0.98 0.00	42.14 1.07 0.00	43.46 1.10 0.00	50.59 1.66 0.00	64.37 2.36 0.00	76.98 2.89 0.00	65.20 2.33 0.00	57.77 2.11 0.00	51.61 1.99 0.00	47.85 1.80 0.00	45.48 2.00 0.00
NCHELSEA_115KV_TR2 355582	45.83 1.85 0.00	44.67 1.80 0.00	42.30 1.71 0.00	41.90 1.69 0.00	43.69 1.76 0.00	48.08 1.76 0.00	59.63 2.62 0.00	67.15 2.64 0.00	55.60 2.39 0.00	47.14 2.03 0.00	44.07 1.74 0.00	41.25 1.59 0.00	40.98 1.42 0.00	42.01 1.34 0.00	42.51 1.44 0.00	44.05 1.69 0.00	51.03 2.10 0.00	64.56 2.54 0.00	77.20 3.11 0.00	65.51 2.64 0.00	58.21 2.56 0.00	51.86 2.23 0.00	47.99 1.93 0.00	45.18 1.70 0.00
NEG CAPITAL___MECHNVIL 23645	46.84 2.86 0.00	45.66 2.79 0.00	43.16 2.56 0.00	42.75 2.53 0.00	44.57 2.64 0.00	48.91 2.59 0.00	60.20 3.19 0.00	68.05 3.55 0.00	55.97 2.76 0.00	47.50 2.39 0.00	44.37 2.03 0.00	41.56 1.90 0.00	41.33 1.78 0.00	42.50 1.83 0.00	42.96 1.89 0.00	44.43 2.08 0.00	51.47 2.54 0.00	65.49 3.47 0.00	78.39 4.30 0.00	66.27 3.39 0.00	58.77 3.11 0.00	52.41 2.78 0.00	48.54 2.49 0.00	46.18 2.70 0.00

NEG CENTRAL_HIGH_ACRES 23767	41.25 -2.73 0.00	40.30 -2.57 0.00	38.20 -2.40 0.00	37.84 -2.37 0.00	39.50 -2.43 0.00	44.05 -2.27 0.00	53.93 -3.08 0.00	61.28 -3.22 0.00	50.76 -2.45 0.00	43.04 -2.07 0.00	40.39 -1.95 0.00	37.72 -1.94 0.00	37.65 -1.90 0.00	38.84 -1.83 0.00	39.14 -1.93 0.00	40.28 -2.07 0.00	46.28 -2.64 0.00	58.85 -3.16 0.00	70.31 -3.78 0.00	59.60 -3.27 0.00	52.54 -3.12 0.00	46.75 -2.88 0.00	43.43 -2.62 0.00	41.13 -2.35 0.00
NEG CENTRAL___DRP 24199	43.23 -0.75 0.00	42.10 -0.77 0.00	39.91 -0.69 0.00	39.57 -0.64 0.00	41.30 -0.63 0.00	46.04 -0.28 0.00	56.55 -0.46 0.00	64.05 -0.45 0.00	52.83 -0.37 0.00	44.71 -0.41 0.00	42.04 -0.30 0.00	39.26 -0.40 0.00	39.20 -0.36 0.00	40.35 -0.33 0.00	40.70 -0.37 0.00	42.02 -0.34 0.00	48.44 -0.49 0.00	61.46 -0.56 0.00	73.50 -0.59 0.00	62.37 -0.50 0.00	54.93 -0.72 0.00	48.88 -0.74 0.00	45.36 -0.69 0.00	42.83 -0.65 0.00
NEG CENTRAL___INDECK 23768	43.28 -0.71 0.00	42.27 -0.60 0.00	40.11 -0.49 0.00	39.73 -0.48 0.00	41.55 -0.38 0.00	46.55 0.23 0.00	57.06 0.06 0.00	64.76 0.26 0.00	53.42 0.21 0.00	45.07 -0.05 0.00	42.17 -0.17 0.00	39.38 -0.28 0.00	39.32 -0.24 0.00	40.71 0.04 0.00	41.07 0.00 0.00	42.44 0.08 0.00	49.02 0.10 0.00	62.70 0.68 0.00	74.91 0.82 0.00	63.50 0.63 0.00	55.65 0.00 0.00	49.38 -0.25 0.00	45.82 -0.23 0.00	43.44 -0.04 0.00
NEG CENTRAL___SENECA 23627	43.32 -0.66 0.00	42.19 -0.69 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.43 -0.50 0.00	46.27 -0.05 0.00	56.66 -0.34 0.00	64.25 -0.26 0.00	52.99 -0.21 0.00	44.84 -0.27 0.00	42.17 -0.17 0.00	39.38 -0.28 0.00	39.32 -0.24 0.00	40.51 -0.16 0.00	40.87 -0.21 0.00	42.15 -0.21 0.00	48.63 -0.29 0.00	61.64 -0.37 0.00	73.72 -0.37 0.00	62.50 -0.38 0.00	55.04 -0.61 0.00	48.93 -0.69 0.00	45.45 -0.60 0.00	42.91 -0.57 0.00
NEG CENTRAL___STATE_STREET 24147	43.37 -0.62 0.00	42.27 -0.60 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.39 -0.55 0.00	46.04 -0.28 0.00	56.72 -0.29 0.00	64.44 -0.06 0.00	53.05 -0.16 0.00	44.89 -0.23 0.00	42.17 -0.17 0.00	39.38 -0.28 0.00	39.32 -0.24 0.00	40.47 -0.20 0.00	40.82 -0.25 0.00	42.10 -0.25 0.00	48.58 -0.34 0.00	61.77 -0.25 0.00	73.87 -0.22 0.00	62.68 -0.19 0.00	55.21 -0.45 0.00	49.13 -0.50 0.00	45.59 -0.46 0.00	43.00 -0.48 0.00
NEG MILLWOOD___DRP 24198	45.96 1.98 0.00	44.80 1.93 0.00	42.42 1.83 0.00	42.06 1.85 0.00	43.86 1.93 0.00	48.27 1.95 0.00	59.86 2.85 0.00	67.41 2.90 0.00	55.81 2.61 0.00	47.32 2.21 0.00	44.16 1.82 0.00	41.37 1.71 0.00	41.02 1.46 0.00	42.10 1.42 0.00	42.59 1.52 0.00	44.14 1.78 0.00	51.22 2.30 0.00	64.74 2.73 0.00	77.57 3.48 0.00	65.83 2.95 0.00	58.49 2.84 0.00	52.11 2.48 0.00	48.17 2.12 0.00	45.26 1.78 0.00
NEG NORTH_FLCN_SEA 23793	46.27 2.29 0.00	45.01 2.14 0.00	42.63 2.03 0.00	42.14 1.93 0.00	43.86 1.93 0.00	48.54 2.22 0.00	58.83 1.82 0.00	66.57 2.06 0.00	54.64 1.44 0.00	45.92 0.81 0.00	43.01 0.68 0.00	40.14 0.48 0.00	40.22 0.67 0.00	41.36 0.69 0.00	41.81 0.74 0.00	43.21 0.85 0.00	50.44 1.52 0.00	64.31 2.29 0.00	75.72 1.63 0.00	65.39 2.51 0.00	57.88 2.23 0.00	51.61 1.99 0.00	48.03 1.98 0.00	46.09 2.61 0.00
NEG NORTH_KES_CHATEGAY 23792	45.26 1.28 0.00	44.07 1.20 0.00	41.73 1.14 0.00	41.26 1.05 0.00	42.98 1.05 0.00	47.48 1.16 0.00	58.20 1.20 0.00	65.86 1.35 0.00	54.16 0.96 0.00	45.65 0.54 0.00	42.84 0.51 0.00	40.06 0.40 0.00	40.07 0.51 0.00	41.20 0.53 0.00	41.65 0.57 0.00	42.99 0.64 0.00	50.05 1.13 0.00	63.57 1.55 0.00	75.65 1.56 0.00	64.57 1.70 0.00	57.10 1.45 0.00	50.92 1.29 0.00	47.39 1.34 0.00	44.96 1.48 0.00
NEG NORTH___ALICE_FALLS 23915	46.40 2.42 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.30 2.09 0.00	44.03 2.10 0.00	48.73 2.41 0.00	59.34 2.34 0.00	67.15 2.64 0.00	55.07 1.86 0.00	46.24 1.13 0.00	43.35 1.02 0.00	40.45 0.79 0.00	40.54 0.99 0.00	41.69 1.02 0.00	42.14 1.07 0.00	43.54 1.19 0.00	50.83 1.91 0.00	64.81 2.79 0.00	76.61 2.52 0.00	65.89 3.02 0.00	58.27 2.62 0.00	52.01 2.38 0.00	48.36 2.30 0.00	46.22 2.74 0.00
NEG NORTH___LWR_SARANAC 23913	46.40 2.42 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.30 2.09 0.00	44.03 2.10 0.00	48.73 2.41 0.00	59.34 2.34 0.00	67.15 2.64 0.00	55.07 1.86 0.00	46.24 1.13 0.00	43.35 1.02 0.00	40.45 0.79 0.00	40.54 0.99 0.00	41.69 1.02 0.00	42.14 1.07 0.00	43.54 1.19 0.00	50.83 1.91 0.00	64.81 2.79 0.00	76.61 2.52 0.00	65.89 3.02 0.00	58.27 2.62 0.00	52.01 2.38 0.00	48.36 2.30 0.00	46.22 2.74 0.00
NEG NORTH___PLATTSBURG 23628	46.40 2.42 0.00	45.14 2.27 0.00	42.75 2.15 0.00	42.30 2.09 0.00	44.03 2.10 0.00	48.73 2.41 0.00	59.34 2.34 0.00	66.25 1.74 0.00	55.07 1.86 0.00	46.24 1.13 0.00	43.35 1.01 0.00	40.45 0.79 0.00	40.54 0.99 0.00	41.69 1.02 0.00	42.14 1.07 0.00	43.54 1.18 0.00	50.83 1.91 0.00	64.81 2.79 0.00	76.61 2.52 0.00	65.89 3.02 0.00	58.27 2.62 0.00	52.01 2.38 0.00	48.36 2.30 0.00	46.27 2.79 0.00
NEG WEST_LEA_LOCKPORT 23791	40.42 -3.56 0.00	39.48 -3.39 0.00	37.47 -3.13 0.00	37.03 -3.18 0.00	38.70 -3.23 0.00	43.31 -3.01 0.00	52.56 -4.45 0.00	59.34 -5.16 0.00	49.00 -4.20 0.00	41.91 -3.20 0.00	39.63 -2.71 0.00	37.16 -2.50 0.00	37.06 -2.49 0.00	38.27 -2.40 0.00	38.40 -2.67 0.00	39.52 -2.84 0.00	44.72 -4.21 0.00	56.99 -5.02 0.00	68.09 -6.00 0.00	57.65 -5.22 0.00	50.25 -5.40 0.00	45.01 -4.62 0.00	42.14 -3.91 0.00	39.91 -3.57 0.00
NEG WEST___LANCASTR 23811	42.88 -1.10 0.00	41.89 -0.99 0.00	39.79 -0.81 0.00	39.37 -0.84 0.00	41.09 -0.84 0.00	46.00 -0.32 0.00	56.27 -0.74 0.00	62.70 -1.81 0.00	51.56 -1.65 0.00	44.07 -1.04 0.00	41.62 -0.72 0.00	39.03 -0.63 0.00	38.92 -0.63 0.00	40.14 -0.53 0.00	40.25 -0.82 0.00	41.51 -0.85 0.00	47.11 -1.81 0.00	60.09 -1.92 0.00	72.02 -2.07 0.00	60.99 -1.89 0.00	53.09 -2.56 0.00	47.35 -2.28 0.00	44.26 -1.80 0.00	42.35 -1.13 0.00
NEG_PENN_ALLEGHNY 23528	43.68 -0.31 0.00	42.62 -0.26 0.00	40.40 -0.20 0.00	40.01 -0.20 0.00	41.76 -0.17 0.00	46.41 0.09 0.00	57.18 0.17 0.00	64.63 0.13 0.00	53.21 0.00 0.00	45.11 0.00 0.00	42.38 0.04 0.00	39.58 -0.08 0.00	39.51 -0.04 0.00	40.67 0.00 0.00	41.03 -0.04 0.00	42.27 -0.08 0.00	48.78 -0.15 0.00	61.95 -0.06 0.00	74.16 0.07 0.00	62.87 0.00 0.00	55.43 -0.22 0.00	49.28 -0.34 0.00	45.78 -0.27 0.00	43.31 -0.17 0.00
NEG___GEN_MONROE 24207	41.74 -2.24 0.00	40.64 -2.23 0.00	38.61 -1.99 0.00	38.24 -1.97 0.00	39.96 -1.97 0.00	44.65 -1.67 0.00	54.38 -2.62 0.00	61.60 -2.90 0.00	50.76 -2.45 0.00	43.17 -1.94 0.00	40.64 -1.69 0.00	38.03 -1.63 0.00	37.93 -1.62 0.00	39.17 -1.50 0.00	39.43 -1.64 0.00	40.58 -1.78 0.00	46.43 -2.50 0.00	59.16 -2.85 0.00	70.76 -3.33 0.00	59.98 -2.89 0.00	52.59 -3.06 0.00	46.90 -2.73 0.00	43.66 -2.39 0.00	41.35 -2.13 0.00

NEPA__ENERGY 23901	42.22 -1.76 0.00	41.24 -1.63 0.00	39.18 -1.42 0.00	38.80 -1.41 0.00	40.46 -1.47 0.00	45.35 -0.97 0.00	55.47 -1.54 0.00	62.25 -2.26 0.00	51.13 -2.08 0.00	43.71 -1.40 0.00	41.28 -1.06 0.00	38.67 -0.99 0.00	38.56 -0.99 0.00	39.78 -0.89 0.00	39.84 -1.23 0.00	41.13 -1.23 0.00	46.67 -2.25 0.00	59.53 -2.48 0.00	71.28 -2.82 0.00	60.36 -2.51 0.00	52.54 -3.12 0.00	46.80 -2.83 0.00	43.75 -2.30 0.00	41.57 -1.91 0.00
NEVERSink__HYD 23608	45.61 1.63 0.00	44.37 1.50 0.00	42.06 1.46 0.00	41.66 1.45 0.00	43.40 1.47 0.00	47.85 1.53 0.00	59.46 2.45 0.00	67.02 2.51 0.00	55.12 1.91 0.00	46.60 1.49 0.00	43.57 1.23 0.00	40.73 1.07 0.00	40.50 0.95 0.00	41.61 0.94 0.00	42.05 0.98 0.00	43.63 1.27 0.00	50.64 1.71 0.00	64.24 2.23 0.00	76.98 2.89 0.00	65.26 2.39 0.00	57.82 2.17 0.00	51.56 1.93 0.00	47.71 1.66 0.00	44.91 1.43 0.00
NEWKRMKL_115KV_TB1 55635	44.86 0.88 0.00	43.77 0.90 0.00	41.53 0.93 0.00	41.14 0.92 0.00	42.81 0.88 0.00	47.20 0.88 0.00	58.09 1.08 0.00	65.67 1.16 0.00	54.22 1.01 0.00	46.06 0.95 0.00	43.14 0.80 0.00	40.57 0.91 0.00	40.34 0.79 0.00	41.49 0.81 0.00	41.93 0.86 0.00	42.95 0.59 0.00	49.51 0.59 0.00	62.64 0.62 0.00	74.83 0.74 0.00	63.44 0.57 0.00	56.32 0.67 0.00	50.27 0.65 0.00	46.65 0.60 0.00	44.26 0.78 0.00
NEWTON__FALLS_HYD 23847	45.35 1.36 0.00	44.11 1.24 0.00	41.65 1.06 0.00	41.30 1.09 0.00	42.89 0.96 0.00	47.43 1.11 0.00	58.49 1.48 0.00	66.31 1.81 0.00	54.43 1.22 0.00	45.56 0.45 0.00	43.01 0.68 0.00	40.30 0.63 0.00	40.66 1.11 0.00	42.14 1.46 0.00	42.55 1.48 0.00	43.93 1.57 0.00	50.49 1.57 0.00	64.00 1.98 0.00	76.39 2.30 0.00	64.82 1.95 0.00	57.10 1.45 0.00	51.07 1.44 0.00	47.76 1.70 0.00	45.05 1.57 0.00
NGRID_A1_DSASP 323792	39.50 -4.49 0.00	38.71 -4.16 0.00	36.74 -3.86 0.00	36.31 -3.90 0.00	37.90 -4.03 0.00	42.43 -3.89 0.00	51.42 -5.58 0.00	58.05 -6.45 0.00	48.63 -4.58 0.00	41.55 -3.56 0.00	39.03 -3.30 0.00	36.49 -3.17 0.00	36.39 -3.17 0.00	37.54 -3.13 0.00	37.70 -3.37 0.00	38.76 -3.60 0.00	43.89 -5.04 0.00	55.75 -6.26 0.00	66.46 -7.63 0.00	56.52 -6.35 0.00	49.70 -5.95 0.00	44.32 -5.31 0.00	41.36 -4.70 0.00	39.61 -3.87 0.00
NGRID_A2_DSASP 323793	39.50 -4.49 0.00	38.71 -4.16 0.00	36.74 -3.86 0.00	36.31 -3.90 0.00	37.90 -4.03 0.00	42.43 -3.89 0.00	51.42 -5.58 0.00	58.05 -6.45 0.00	48.63 -4.58 0.00	41.55 -3.56 0.00	39.03 -3.30 0.00	36.49 -3.17 0.00	36.39 -3.17 0.00	37.54 -3.13 0.00	37.70 -3.37 0.00	38.76 -3.60 0.00	43.89 -5.04 0.00	55.75 -6.26 0.00	66.46 -7.63 0.00	56.52 -6.35 0.00	49.70 -5.95 0.00	44.32 -5.31 0.00	41.36 -4.70 0.00	39.61 -3.87 0.00
NGRID_A4_DSASP 323807	39.50 -4.49 0.00	38.71 -4.16 0.00	36.74 -3.86 0.00	36.31 -3.90 0.00	37.90 -4.03 0.00	42.43 -3.89 0.00	51.42 -5.58 0.00	58.05 -6.45 0.00	48.63 -4.58 0.00	41.55 -3.56 0.00	39.03 -3.30 0.00	36.49 -3.17 0.00	36.39 -3.17 0.00	37.54 -3.13 0.00	37.70 -3.37 0.00	38.76 -3.60 0.00	43.89 -5.04 0.00	55.75 -6.26 0.00	66.46 -7.63 0.00	56.52 -6.35 0.00	49.70 -5.95 0.00	44.32 -5.31 0.00	41.36 -4.70 0.00	39.61 -3.87 0.00
NIAGARA_115E_LBMP 323715	39.50 -4.49 0.00	38.71 -4.16 0.00	36.74 -3.86 0.00	36.35 -3.86 0.00	37.95 -3.98 0.00	42.48 -3.84 0.00	51.48 -5.53 0.00	58.12 -6.39 0.00	48.63 -4.58 0.00	41.50 -3.61 0.00	38.99 -3.35 0.00	36.45 -3.21 0.00	36.35 -3.20 0.00	37.54 -3.13 0.00	37.70 -3.37 0.00	38.76 -3.60 0.00	43.93 -4.99 0.00	55.81 -6.20 0.00	66.61 -7.48 0.00	56.59 -6.29 0.00	49.75 -5.90 0.00	44.37 -5.26 0.00	41.40 -4.65 0.00	39.61 -3.87 0.00
NIAGARA_115W_LBMP 323714	39.41 -4.58 0.00	38.63 -4.25 0.00	36.66 -3.94 0.00	36.27 -3.94 0.00	37.86 -4.07 0.00	42.38 -3.94 0.00	51.31 -5.70 0.00	57.92 -6.58 0.00	48.52 -4.68 0.00	41.46 -3.65 0.00	38.95 -3.39 0.00	36.41 -3.25 0.00	36.31 -3.24 0.00	37.50 -3.17 0.00	37.66 -3.41 0.00	38.67 -3.69 0.00	43.84 -5.09 0.00	55.63 -6.39 0.00	66.31 -7.78 0.00	56.40 -6.47 0.00	49.59 -6.06 0.00	44.22 -5.41 0.00	41.31 -4.74 0.00	39.52 -3.96 0.00
NIAGARA_230_LBMP 323716	39.89 -4.09 0.00	39.06 -3.82 0.00	37.11 -3.49 0.00	36.67 -3.54 0.00	38.28 -3.65 0.00	42.85 -3.47 0.00	51.93 -5.07 0.00	58.70 -5.81 0.00	49.06 -4.15 0.00	41.91 -3.20 0.00	39.37 -2.96 0.00	36.80 -2.86 0.00	36.70 -2.85 0.00	37.87 -2.81 0.00	38.03 -3.04 0.00	39.10 -3.26 0.00	44.32 -4.60 0.00	56.31 -5.70 0.00	67.12 -6.97 0.00	57.09 -5.78 0.00	50.20 -5.45 0.00	44.77 -4.86 0.00	41.77 -4.28 0.00	39.96 -3.52 0.00
NIAGARA__115KV_198_GIBSON 55903	39.58 -4.40 0.00	38.63 -4.24 0.00	36.66 -3.94 0.00	36.27 -3.94 0.00	37.86 -4.07 0.00	42.38 -3.94 0.00	51.31 -5.70 0.00	57.93 -6.58 0.00	47.89 -5.32 0.00	41.05 -4.06 0.00	38.82 -3.51 0.00	36.41 -3.25 0.00	36.31 -3.24 0.00	37.46 -3.21 0.00	37.58 -3.49 0.00	38.67 -3.69 0.00	43.69 -5.23 0.00	55.57 -6.45 0.00	66.39 -7.71 0.00	56.21 -6.66 0.00	49.09 -6.57 0.00	43.97 -5.66 0.00	41.17 -4.88 0.00	39.05 -4.43 0.00
NIAGARA____ 23760	39.89 -4.09 0.00	39.06 -3.82 0.00	37.11 -3.49 0.00	36.67 -3.54 0.00	38.28 -3.65 0.00	42.85 -3.47 0.00	51.93 -5.07 0.00	58.70 -5.81 0.00	49.06 -4.15 0.00	41.91 -3.20 0.00	39.37 -2.96 0.00	36.80 -2.86 0.00	36.70 -2.85 0.00	37.87 -2.81 0.00	38.03 -3.04 0.00	39.10 -3.26 0.00	44.32 -4.60 0.00	56.31 -5.70 0.00	67.12 -6.97 0.00	57.09 -5.78 0.00	50.20 -5.45 0.00	44.77 -4.86 0.00	41.77 -4.28 0.00	39.96 -3.52 0.00
NINE_MILE_1 23575	42.14 -1.85 0.00	41.11 -1.76 0.00	38.93 -1.67 0.00	38.56 -1.65 0.00	40.21 -1.72 0.00	44.56 -1.76 0.00	54.78 -2.22 0.00	62.05 -2.45 0.00	51.24 -1.97 0.00	43.44 -1.67 0.00	40.77 -1.57 0.00	38.15 -1.51 0.00	38.05 -1.50 0.00	39.17 -1.50 0.00	39.51 -1.56 0.00	40.75 -1.61 0.00	47.02 -1.91 0.00	59.60 -2.42 0.00	71.28 -2.82 0.00	60.42 -2.45 0.00	53.43 -2.23 0.00	47.59 -2.04 0.00	44.21 -1.84 0.00	41.74 -1.74 0.00
NINE_MILE_2 23744	42.14 -1.85 0.00	41.11 -1.76 0.00	38.93 -1.67 0.00	38.56 -1.65 0.00	40.21 -1.72 0.00	44.56 -1.76 0.00	54.78 -2.22 0.00	62.05 -2.45 0.00	51.24 -1.97 0.00	43.44 -1.67 0.00	40.77 -1.57 0.00	38.15 -1.51 0.00	38.05 -1.50 0.00	39.17 -1.50 0.00	39.51 -1.56 0.00	40.75 -1.61 0.00	47.02 -1.91 0.00	59.60 -2.42 0.00	71.28 -2.82 0.00	60.42 -2.45 0.00	53.43 -2.23 0.00	47.64 -1.99 0.00	44.21 -1.84 0.00	41.74 -1.74 0.00
NM_CAPITAL__DRP 24208	44.99 1.01 0.00	43.90 1.03 0.00	41.65 1.06 0.00	41.22 1.01 0.00	42.94 1.01 0.00	47.34 1.02 0.00	58.15 1.14 0.00	65.79 1.29 0.00	54.32 1.12 0.00	46.19 1.08 0.00	43.27 0.93 0.00	40.69 1.03 0.00	40.46 0.91 0.00	41.57 0.89 0.00	42.02 0.94 0.00	43.12 0.76 0.00	49.66 0.73 0.00	62.88 0.87 0.00	75.13 1.04 0.00	63.69 0.82 0.00	56.54 0.89 0.00	50.47 0.84 0.00	46.84 0.78 0.00	44.39 0.91 0.00

NM_CENTRAL___DRP 24181	42.97 -1.01 0.00	41.89 -0.99 0.00	39.66 -0.93 0.00	39.29 -0.92 0.00	41.01 -0.92 0.00	45.49 -0.83 0.00	56.04 -0.97 0.00	63.54 -0.97 0.00	52.35 -0.85 0.00	44.39 -0.72 0.00	41.70 -0.64 0.00	38.99 -0.67 0.00	38.92 -0.63 0.00	40.06 -0.61 0.00	40.41 -0.66 0.00	41.68 -0.68 0.00	47.99 -0.93 0.00	60.90 -1.12 0.00	72.76 -1.33 0.00	61.68 -1.19 0.00	54.43 -1.22 0.00	48.59 -1.04 0.00	45.09 -0.97 0.00	42.52 -0.96 0.00
NM_FRONTIER___DRP 24179	39.58 -4.40 0.00	38.63 -4.24 0.00	36.66 -3.94 0.00	36.27 -3.94 0.00	37.86 -4.07 0.00	42.38 -3.94 0.00	51.31 -5.70 0.00	57.93 -6.58 0.00	47.89 -5.32 0.00	41.05 -4.06 0.00	38.82 -3.51 0.00	36.41 -3.25 0.00	36.31 -3.24 0.00	37.46 -3.21 0.00	37.58 -3.49 0.00	38.67 -3.69 0.00	43.69 -5.23 0.00	55.57 -6.45 0.00	66.39 -7.71 0.00	56.21 -6.66 0.00	49.09 -6.57 0.00	43.97 -5.66 0.00	41.17 -4.88 0.00	39.05 -4.43 0.00
NM_ST_REGIS___HYD 24053	45.74 1.76 0.00	44.50 1.63 0.00	42.14 1.54 0.00	41.70 1.49 0.00	43.31 1.38 0.00	47.71 1.39 0.00	58.49 1.48 0.00	66.12 1.61 0.00	54.22 1.01 0.00	45.56 0.45 0.00	42.93 0.59 0.00	40.26 0.59 0.00	40.58 1.03 0.00	41.93 1.26 0.00	42.34 1.27 0.00	43.71 1.36 0.00	50.59 1.66 0.00	63.94 1.92 0.00	76.09 2.00 0.00	64.76 1.89 0.00	57.32 1.67 0.00	51.42 1.79 0.00	47.99 1.93 0.00	45.39 1.91 0.00
NORTHPORT___1 23551	46.18 2.20 0.00	44.97 2.10 0.00	42.55 1.95 0.00	42.18 1.97 0.00	44.07 2.14 0.00	48.41 2.09 0.00	59.91 2.91 0.00	67.09 2.58 0.00	57.19 3.14 -0.85	47.46 2.34 0.00	44.58 2.24 0.00	41.84 2.18 0.00	41.37 1.82 0.00	42.58 1.91 0.00	43.20 2.13 0.00	46.01 2.58 -1.07	54.47 2.74 -2.81	65.24 3.22 0.00	77.79 3.70 0.00	65.64 2.76 0.00	60.32 3.06 -1.61	56.75 2.73 -4.39	49.32 2.58 -0.69	45.67 2.09 -0.10
NORTHPORT___2 23552	46.18 2.20 0.00	44.97 2.10 0.00	42.55 1.95 0.00	42.18 1.97 0.00	44.07 2.14 0.00	48.41 2.09 0.00	59.91 2.91 0.00	67.09 2.58 0.00	57.19 3.14 -0.85	47.46 2.34 0.00	44.58 2.24 0.00	41.84 2.18 0.00	41.37 1.82 0.00	42.58 1.91 0.00	43.20 2.13 0.00	46.01 2.58 -1.07	54.47 2.74 -2.81	65.24 3.22 0.00	77.79 3.70 0.00	65.64 2.76 0.00	60.32 3.06 -1.61	56.75 2.73 -4.39	49.32 2.58 -0.69	45.67 2.09 -0.10
NORTHPORT___3 23553	46.53 2.55 0.00	45.31 2.44 0.00	42.87 2.27 0.00	42.50 2.29 0.00	44.36 2.43 0.00	48.77 2.45 0.00	60.48 3.48 0.00	68.05 3.55 0.00	57.51 3.46 -0.85	47.86 2.75 0.00	45.01 2.67 0.00	42.24 2.58 0.00	41.77 2.21 0.00	42.95 2.28 0.00	43.49 2.42 0.00	46.31 2.88 -1.07	54.91 3.18 -2.81	65.92 3.91 0.00	78.84 4.75 0.00	66.58 3.71 0.00	60.99 3.73 -1.61	57.30 3.27 -4.39	49.69 2.95 -0.69	46.06 2.48 -0.10
NORTHPORT___4 23650	46.53 2.55 0.00	45.31 2.44 0.00	42.87 2.27 0.00	42.50 2.29 0.00	44.36 2.43 0.00	48.77 2.45 0.00	60.48 3.48 0.00	68.05 3.55 0.00	57.51 3.46 -0.85	47.86 2.75 0.00	45.01 2.67 0.00	42.24 2.58 0.00	41.77 2.21 0.00	42.95 2.28 0.00	43.49 2.42 0.00	46.31 2.88 -1.07	54.91 3.18 -2.81	65.92 3.91 0.00	78.84 4.75 0.00	66.58 3.71 0.00	60.99 3.73 -1.61	57.30 3.27 -4.39	49.69 2.95 -0.69	46.06 2.48 -0.10
NORTHPORT___IC 23718	46.31 2.33 0.00	45.14 2.27 0.00	42.46 1.87 0.00	42.14 1.93 0.00	44.07 2.14 0.00	48.36 2.04 0.00	59.86 2.85 0.00	66.96 2.45 0.00	57.24 3.19 -0.85	47.46 2.35 0.00	44.58 2.24 0.00	41.76 2.10 0.00	41.33 1.78 0.00	42.50 1.83 0.00	43.16 2.09 0.00	46.01 2.58 -1.07	54.52 2.79 -2.81	64.99 2.98 0.00	77.28 3.19 0.00	65.51 2.64 0.00	60.21 2.95 -1.61	56.70 2.68 -4.39	49.28 2.53 -0.69	45.80 2.22 -0.10
NORTH___COUNTRY_ESR 323785	45.08 1.10 0.00	43.90 1.03 0.00	41.57 0.97 0.00	41.14 0.93 0.00	42.81 0.88 0.00	47.29 0.97 0.00	57.92 0.91 0.00	65.22 0.71 0.00	53.95 0.74 0.00	45.52 0.41 0.00	42.72 0.38 0.00	39.94 0.28 0.00	39.95 0.40 0.00	41.08 0.41 0.00	41.52 0.45 0.00	42.87 0.51 0.00	49.81 0.88 0.00	63.32 1.30 0.00	75.35 1.26 0.00	64.25 1.38 0.00	56.88 1.22 0.00	50.72 1.09 0.00	47.16 1.10 0.00	44.78 1.30 0.00
NPX_GEN_1385_PROXY 323591	46.36 2.37 0.00	45.14 2.27 0.00	42.67 2.07 0.00	42.34 2.13 0.00	44.23 2.30 0.00	48.73 2.41 0.00	59.69 2.68 0.00	66.89 2.39 0.00	57.46 3.41 -0.85	47.46 2.34 0.00	44.41 2.07 0.00	41.72 2.06 0.00	41.21 1.66 0.00	42.58 1.91 0.00	43.49 2.42 0.00	46.22 2.79 -1.07	54.52 2.79 -2.81	65.86 3.85 0.00	77.72 3.63 0.00	65.39 2.52 0.00	60.60 3.34 -1.61	57.52 3.08 -4.81	49.00 2.67 -0.28	45.67 2.09 -0.10
NPX_GEN_CSC 323557	46.40 2.42 0.00	45.18 2.31 0.00	42.71 2.11 0.00	42.38 2.17 0.00	44.45 2.52 0.00	48.45 2.13 0.00	60.03 3.02 0.00	67.66 3.16 0.00	57.67 3.62 -0.85	47.68 2.57 0.00	44.83 2.50 0.00	42.04 2.38 0.00	41.49 1.94 0.00	42.71 2.03 0.00	43.33 2.26 0.00	46.31 2.88 -1.07	55.01 3.28 -2.81	66.17 4.16 0.00	79.06 4.96 0.00	66.33 3.46 0.00	61.10 3.84 -1.61	57.81 3.38 -4.81	49.09 2.76 -0.28	45.89 2.30 -0.10
NSINS_S___GLNS_FALLS 23858	48.03 4.05 0.00	46.82 3.94 0.00	44.21 3.61 0.00	43.83 3.62 0.00	45.70 3.77 0.00	49.28 2.96 0.00	60.77 3.76 0.00	68.63 4.13 0.00	56.40 3.19 0.00	47.77 2.66 0.00	44.37 2.03 0.00	41.56 1.90 0.00	41.29 1.74 0.00	42.54 1.87 0.00	43.00 1.93 0.00	44.52 2.16 0.00	51.71 2.79 0.00	65.92 3.91 0.00	79.13 5.04 0.00	66.77 3.90 0.00	59.10 3.45 0.00	52.81 3.18 0.00	48.86 2.81 0.00	47.44 3.96 0.00
NUCOR_STEEL___DRP 24197	43.45 -0.53 0.00	42.31 -0.56 0.00	40.07 -0.53 0.00	39.73 -0.48 0.00	41.43 -0.50 0.00	46.04 -0.28 0.00	56.72 -0.29 0.00	64.31 -0.19 0.00	52.94 -0.27 0.00	44.80 -0.32 0.00	42.08 -0.25 0.00	39.34 -0.32 0.00	39.24 -0.32 0.00	40.43 -0.24 0.00	40.78 -0.29 0.00	42.06 -0.30 0.00	48.53 -0.39 0.00	61.64 -0.37 0.00	73.72 -0.37 0.00	62.56 -0.31 0.00	55.15 -0.50 0.00	49.08 -0.55 0.00	45.59 -0.46 0.00	43.00 -0.48 0.00
NUMBER_THREE_WT_PWR 323818	45.04 1.05 0.00	43.81 0.94 0.00	41.37 0.77 0.00	41.02 0.80 0.00	42.69 0.76 0.00	47.48 1.16 0.00	58.71 1.71 0.00	66.76 2.26 0.00	54.96 1.75 0.00	45.93 0.81 0.00	43.40 1.06 0.00	40.57 0.91 0.00	41.06 1.50 0.00	42.54 1.87 0.00	42.96 1.89 0.00	44.35 1.99 0.00	50.88 1.96 0.00	64.74 2.73 0.00	77.57 3.48 0.00	65.70 2.83 0.00	57.43 1.78 0.00	51.17 1.54 0.00	47.90 1.84 0.00	45.13 1.65 0.00
NYISO_LBMP_REFERENCE 24008	43.98 0.00 0.00	42.87 0.00 0.00	40.60 0.00 0.00	40.21 0.00 0.00	41.93 0.00 0.00	46.32 0.00 0.00	57.01 0.00 0.00	64.50 0.00 0.00	53.21 0.00 0.00	45.11 0.00 0.00	42.34 0.00 0.00	39.66 0.00 0.00	39.55 0.00 0.00	40.67 0.00 0.00	41.07 0.00 0.00	42.36 0.00 0.00	48.92 0.00 0.00	62.02 0.00 0.00	74.09 0.00 0.00	62.87 0.00 0.00	55.65 0.00 0.00	49.63 0.00 0.00	46.05 0.00 0.00	43.48 0.00 0.00

NYPA_BRENTWD____GT 24164	46.67 2.68 0.00	45.44 2.57 0.00	42.95 2.35 0.00	42.62 2.41 0.00	44.53 2.60 0.00	48.91 2.59 0.00	60.60 3.59 0.00	68.05 3.55 0.00	57.83 3.78 -0.85	47.91 2.80 0.00	45.05 2.71 0.00	42.28 2.62 0.00	41.77 2.21 0.00	42.99 2.32 0.00	43.62 2.55 0.00	46.52 3.09 -1.07	55.16 3.42 -2.81	66.23 4.22 0.00	79.13 5.04 0.00	66.71 3.84 0.00	61.21 3.95 -1.61	57.50 3.47 -4.39	49.88 3.13 -0.69	46.19 2.61 -0.10
NYPA_GOWANUS____GT5 24156	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NYPA_GOWANUS____GT6 24157	59.23 2.37 -12.88	45.14 2.27 0.00	42.75 2.15 0.00	42.34 2.13 0.00	44.07 2.14 0.00	59.27 2.22 -10.73	60.37 3.36 0.00	68.05 3.55 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.05 2.71 0.00	42.32 2.66 0.00	41.85 2.29 0.00	42.91 2.24 0.00	43.37 2.30 0.00	44.90 2.54 0.00	51.66 2.74 0.00	65.30 3.28 0.00	152.14 4.07 -73.98	149.46 3.39 -83.19	162.71 3.28 -103.77	59.59 2.88 -7.09	61.54 2.62 -12.87	60.85 2.22 -15.15
NYPA_HARLEM_RVR_GT1 24160	46.36 2.37 -0.01	45.19 2.31 -0.01	42.80 2.19 -0.01	42.39 2.17 -0.01	44.12 2.18 -0.01	48.55 2.22 -0.01	60.38 3.36 -0.01	67.60 3.10 0.00	55.54 2.34 0.01	47.45 2.34 0.01	44.66 2.33 0.01	41.95 2.30 0.01	41.44 1.90 0.01	42.50 1.83 0.01	42.95 1.89 0.01	44.43 2.08 0.01	51.12 2.20 0.01	64.49 2.48 0.01	77.19 3.11 0.01	65.44 2.58 0.01	58.21 2.56 0.01	51.86 2.24 0.01	48.40 2.35 0.00	45.57 2.09 -0.01
NYPA_HARLEM_RVR_GT2 24161	46.36 2.37 -0.01	45.19 2.31 -0.01	42.80 2.19 -0.01	42.39 2.17 -0.01	44.12 2.18 -0.01	48.55 2.22 -0.01	60.38 3.36 -0.01	67.60 3.10 0.00	55.54 2.34 0.01	47.45 2.34 0.01	44.66 2.33 0.01	41.95 2.30 0.01	41.44 1.90 0.01	42.50 1.83 0.01	42.95 1.89 0.01	44.43 2.08 0.01	51.12 2.20 0.01	64.49 2.48 0.01	77.19 3.11 0.01	65.44 2.58 0.01	58.21 2.56 0.01	51.86 2.24 0.01	48.40 2.35 0.00	45.57 2.09 -0.01
NYPA_KENT____GT 24152	65.50 2.20 -19.32	45.01 2.14 0.00	42.63 2.03 0.00	42.22 2.01 0.00	43.94 2.01 0.00	64.45 2.04 -16.10	60.14 3.13 0.00	67.79 3.29 0.00	60.52 2.66 -4.66	64.54 2.62 -16.81	44.88 2.54 0.00	42.16 2.50 0.00	41.73 2.17 0.00	42.79 2.11 0.00	43.25 2.18 0.00	44.73 2.37 0.00	51.52 2.59 0.00	65.05 3.04 0.00	102.25 3.78 -24.39	93.44 3.14 -27.43	96.09 3.06 -37.38	62.94 2.68 -10.63	67.78 2.44 -19.29	68.29 2.09 -22.72
NYPA_POUCH1____GT 24155	59.10 2.24 -12.88	45.01 2.14 0.00	42.63 2.03 0.00	42.26 2.05 0.00	43.94 2.01 0.00	59.09 2.04 -10.73	60.20 3.19 0.00	67.79 3.29 0.00	58.92 2.61 -3.10	58.89 2.57 -11.21	44.83 2.50 0.00	42.12 2.46 0.00	41.65 2.09 0.00	42.71 2.03 0.00	43.16 2.09 0.00	44.69 2.33 0.00	48.67 2.49 2.75	64.99 2.98 0.00	151.77 3.70 -73.98	149.15 3.08 -83.19	162.43 3.00 -103.77	59.39 2.68 -7.08	61.36 2.44 -12.87	60.72 2.09 -15.15
NYPA_VERNON____GT2 24162	46.05 2.07 0.00	44.84 1.97 0.00	42.51 1.91 0.00	42.10 1.89 0.00	43.82 1																			

OAK ORCHARD___HYD 24046	41.61 -2.38 0.00	40.60 -2.27 0.00	38.53 -2.07 0.00	38.12 -2.09 0.00	39.83 -2.10 0.00	44.42 -1.90 0.00	54.27 -2.74 0.00	61.67 -2.84 0.00	51.18 -2.02 0.00	43.49 -1.62 0.00	40.77 -1.57 0.00	38.07 -1.59 0.00	38.01 -1.54 0.00	39.25 -1.42 0.00	39.51 -1.56 0.00	40.62 -1.74 0.00	46.63 -2.30 0.00	59.29 -2.73 0.00	70.76 -3.33 0.00	60.04 -2.83 0.00	52.87 -2.78 0.00	47.05 -2.58 0.00	43.75 -2.30 0.00	41.52 -1.96 0.00
OAKDALE___35_KV_LOAD 356122	43.63 -0.35 0.00	42.53 -0.34 0.00	40.31 -0.28 0.00	39.93 -0.28 0.00	41.68 -0.25 0.00	46.27 -0.05 0.00	57.01 0.00 0.00	64.38 -0.13 0.00	52.94 -0.27 0.00	44.93 -0.18 0.00	42.21 -0.13 0.00	39.50 -0.16 0.00	39.43 -0.12 0.00	40.55 -0.12 0.00	40.91 -0.16 0.00	42.19 -0.17 0.00	48.58 -0.34 0.00	61.71 -0.31 0.00	73.87 -0.22 0.00	62.62 -0.25 0.00	55.21 -0.45 0.00	49.13 -0.50 0.00	45.59 -0.46 0.00	43.09 -0.39 0.00
OCC_CHEM___DRP 24175	39.67 -4.31 0.00	38.71 -4.16 0.00	36.74 -3.86 0.00	36.35 -3.86 0.00	37.90 -4.03 0.00	42.43 -3.89 0.00	51.42 -5.59 0.00	58.05 -6.45 0.00	47.94 -5.27 0.00	41.10 -4.01 0.00	38.91 -3.43 0.00	36.49 -3.17 0.00	36.39 -3.16 0.00	37.54 -3.13 0.00	37.66 -3.41 0.00	38.76 -3.60 0.00	43.79 -5.14 0.00	55.69 -6.33 0.00	66.53 -7.56 0.00	56.33 -6.54 0.00	49.20 -6.46 0.00	44.07 -5.56 0.00	41.26 -4.79 0.00	39.13 -4.35 0.00
OH_GEN_PROXY 24063	39.94 -4.05 0.00	39.14 -3.73 0.00	37.15 -3.45 0.00	36.75 -3.46 0.00	38.37 -3.56 0.00	42.94 -3.38 0.00	52.10 -4.90 0.00	58.83 -5.68 0.00	49.16 -4.05 0.00	42.00 -3.11 0.00	39.42 -2.92 0.00	36.85 -2.82 0.00	36.78 -2.77 0.00	37.95 -2.72 0.00	38.11 -2.96 0.00	39.18 -3.18 0.00	44.47 -4.45 0.00	56.50 -5.52 0.00	67.42 -6.67 0.00	57.28 -5.60 0.00	50.36 -5.29 0.00	45.28 -4.76 0.00	41.40 -4.24 0.00	40.00 -3.48 0.00
OLIN_CORP_DRP 24177	39.76 -4.22 0.00	38.80 -4.07 0.00	36.82 -3.78 0.00	36.43 -3.78 0.00	38.03 -3.90 0.00	42.57 -3.75 0.00	51.59 -5.42 0.00	58.25 -6.26 0.00	48.15 -5.05 0.00	41.28 -3.83 0.00	39.03 -3.30 0.00	36.61 -3.05 0.00	36.51 -3.05 0.00	37.70 -2.97 0.00	37.83 -3.24 0.00	38.93 -3.43 0.00	43.93 -4.99 0.00	55.88 -6.14 0.00	66.76 -7.33 0.00	56.52 -6.35 0.00	49.36 -6.29 0.00	44.22 -5.41 0.00	41.36 -4.70 0.00	39.22 -4.26 0.00
OLIN_CORP_DSASP 323712	39.50 -4.49 0.00	38.71 -4.16 0.00	36.74 -3.86 0.00	36.31 -3.90 0.00	37.90 -4.03 0.00	42.43 -3.89 0.00	51.42 -5.58 0.00	58.05 -6.45 0.00	48.63 -4.58 0.00	41.55 -3.56 0.00	39.03 -3.30 0.00	36.49 -3.17 0.00	36.39 -3.17 0.00	37.54 -3.13 0.00	37.70 -3.37 0.00	38.76 -3.60 0.00	43.89 -5.04 0.00	55.75 -6.26 0.00	66.46 -7.63 0.00	56.52 -6.35 0.00	49.70 -5.95 0.00	44.32 -5.31 0.00	41.36 -4.70 0.00	39.61 -3.87 0.00
ONEIDA_HERK_LFGE 323681	44.99 1.01 0.00	43.81 0.94 0.00	41.45 0.85 0.00	41.09 0.88 0.00	42.81 0.88 0.00	47.57 1.25 0.00	58.78 1.77 0.00	66.82 2.32 0.00	55.02 1.81 0.00	46.15 1.04 0.00	43.48 1.14 0.00	40.65 0.99 0.00	40.78 1.23 0.00	42.18 1.51 0.00	42.55 1.48 0.00	43.88 1.52 0.00	50.54 1.61 0.00	64.31 2.30 0.00	76.98 2.89 0.00	65.26 2.39 0.00	57.38 1.73 0.00	51.02 1.39 0.00	47.53 1.47 0.00	44.78 1.30 0.00
ONEIDA___115KV_TB4 55905	44.91 0.92 0.00	43.77 0.90 0.00	41.45 0.85 0.00	41.10 0.88 0.00	42.85 0.92 0.00	47.66 1.34 0.00	58.83 1.82 0.00	67.54 3.03 0.00	55.49 2.29 0.00	46.60 1.49 0.00	43.86 1.52 0.00	40.93 1.27 0.00	40.98 1.42 0.00	42.30 1.63 0.00	42.67 1.60 0.00	44.01 1.65 0.00	50.29 1.37 0.00	63.94 1.92 0.00	76.54 2.44 0.00	64.88 2.01 0.00	57.16 1.50 0.00	50.82 1.19 0.00	47.20 1.15 0.00	44.52 1.04 0.00
ONONDAGA_REF_OCCRA 23987	43.23 -0.75 0.00	42.14 -0.73 0.00	39.91 -0.69 0.00	39.53 -0.68 0.00	41.26 -0.67 0.00	45.76 -0.56 0.00	56.38 -0.63 0.00	63.86 -0.65 0.00	52.62 -0.59 0.00	44.57 -0.54 0.00	41.91 -0.42 0.00	39.18 -0.48 0.00	39.08 -0.47 0.00	40.23 -0.45 0.00	40.58 -0.49 0.00	41.85 -0.51 0.00	48.24 -0.68 0.00	61.33 -0.68 0.00	73.28 -0.81 0.00	62.18 -0.69 0.00	54.82 -0.83 0.00	48.88 -0.74 0.00	45.36 -0.69 0.00	42.78 -0.70 0.00
ONONDAGA___COGEN 23986	43.41 -0.57 0.00	42.27 -0.60 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.39 -0.55 0.00	45.95 -0.37 0.00	56.55 -0.46 0.00	64.12 -0.39 0.00	52.78 -0.43 0.00	44.71 -0.41 0.00	42.00 -0.34 0.00	39.26 -0.40 0.00	39.20 -0.36 0.00	40.35 -0.33 0.00	40.70 -0.37 0.00	41.98 -0.38 0.00	48.39 -0.54 0.00	61.46 -0.56 0.00	73.50 -0.59 0.00	62.37 -0.50 0.00	54.99 -0.67 0.00	49.03 -0.60 0.00	45.50 -0.55 0.00	42.91 -0.57 0.00
ONTARIO___LFGE 23819	43.28 -0.71 0.00	42.18 -0.69 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.43 -0.50 0.00	46.27 -0.05 0.00	56.67 -0.34 0.00	64.25 -0.26 0.00	53.21 0.00 0.00	44.98 -0.13 0.00	42.21 -0.13 0.00	39.38 -0.28 0.00	39.32 -0.24 0.00	40.55 -0.12 0.00	40.87 -0.20 0.00	42.15 -0.21 0.00	48.68 -0.24 0.00	61.71 -0.31 0.00	73.87 -0.22 0.00	62.62 -0.25 0.00	55.21 -0.45 0.00	49.04 -0.59 0.00	45.55 -0.51 0.00	43.09 -0.39 0.00
ORANGEVILLE_WT_PWR 323706	41.48 -2.51 0.00	40.64 -2.23 0.00	38.61 -1.99 0.00	38.24 -1.97 0.00	39.92 -2.01 0.00	44.65 -1.67 0.00	54.56 -2.45 0.00	61.47 -3.03 0.00	50.87 -2.34 0.00	43.26 -1.85 0.00	40.64 -1.69 0.00	38.03 -1.63 0.00	37.97 -1.58 0.00	39.25 -1.42 0.00	39.47 -1.60 0.00	40.71 -1.65 0.00	46.48 -2.44 0.00	59.23 -2.79 0.00	70.76 -3.33 0.00	59.98 -2.89 0.00	52.54 -3.12 0.00	46.70 -2.93 0.00	43.48 -2.58 0.00	41.52 -1.96 0.00
ORANGEVILLE___ESR 323794	41.48 -2.51 0.00	40.64 -2.23 0.00	38.61 -1.99 0.00	38.24 -1.97 0.00	39.92 -2.01 0.00	44.65 -1.67 0.00	54.56 -2.45 0.00	61.47 -3.03 0.00	50.87 -2.34 0.00	43.26 -1.85 0.00	40.64 -1.69 0.00	38.03 -1.63 0.00	37.97 -1.58 0.00	39.25 -1.42 0.00	39.47 -1.60 0.00	40.71 -1.65 0.00	46.48 -2.44 0.00	59.23 -2.79 0.00	70.76 -3.33 0.00	59.98 -2.89 0.00	52.54 -3.12 0.00	46.70 -2.93 0.00	43.48 -2.58 0.00	41.52 -1.96 0.00
OSWEGATCHIE___HYD 24044	45.30 1.32 0.00	44.12 1.24 0.00	41.65 1.05 0.00	41.30 1.09 0.00	42.90 0.97 0.00	47.43 1.11 0.00	58.49 1.48 0.00	66.18 1.67 0.00	54.43 1.22 0.00	45.56 0.45 0.00	43.01 0.68 0.00	40.29 0.63 0.00	40.66 1.11 0.00	42.13 1.46 0.00	42.55 1.48 0.00	43.93 1.57 0.00	50.49 1.57 0.00	64.00 1.98 0.00	76.39 2.30 0.00	64.82 1.95 0.00	57.10 1.44 0.00	51.07 1.44 0.00	47.76 1.70 0.00	45.04 1.56 0.00
OSWEGO___5 23606	42.49 -1.50 0.00	41.41 -1.46 0.00	39.22 -1.38 0.00	38.84 -1.37 0.00	40.55 -1.38 0.00	44.93 -1.39 0.00	55.24 -1.77 0.00	62.57 -1.93 0.00	51.61 -1.59 0.00	43.76 -1.35 0.00	41.07 -1.27 0.00	38.43 -1.23 0.00	38.37 -1.19 0.00	39.45 -1.22 0.00	39.84 -1.23 0.00	41.09 -1.27 0.00	47.41 -1.52 0.00	60.09 -1.92 0.00	71.79 -2.30 0.00	60.92 -1.95 0.00	53.87 -1.78 0.00	47.99 -1.64 0.00	44.53 -1.52 0.00	42.09 -1.39 0.00

OSWEGO___6 23613	42.49 -1.50 0.00	41.41 -1.46 0.00	39.22 -1.38 0.00	38.84 -1.37 0.00	40.55 -1.38 0.00	44.93 -1.39 0.00	55.24 -1.77 0.00	62.57 -1.93 0.00	51.61 -1.59 0.00	43.76 -1.35 0.00	41.07 -1.27 0.00	38.43 -1.23 0.00	38.37 -1.19 0.00	39.45 -1.22 0.00	39.84 -1.23 0.00	41.09 -1.27 0.00	47.41 -1.52 0.00	60.09 -1.92 0.00	71.79 -2.30 0.00	60.92 -1.95 0.00	53.87 -1.78 0.00	47.99 -1.64 0.00	44.53 -1.52 0.00	42.09 -1.39 0.00
OUTOKUMPU-AB___DRP 24206	40.82 -3.17 0.00	39.83 -3.04 0.00	37.84 -2.76 0.00	37.40 -2.81 0.00	39.04 -2.89 0.00	43.73 -2.59 0.00	53.07 -3.93 0.00	59.86 -4.64 0.00	49.43 -3.78 0.00	42.32 -2.80 0.00	40.05 -2.29 0.00	37.52 -2.14 0.00	37.42 -2.14 0.00	38.68 -1.99 0.00	38.77 -2.30 0.00	39.90 -2.46 0.00	45.16 -3.77 0.00	57.55 -4.47 0.00	68.76 -5.33 0.00	58.22 -4.65 0.00	50.70 -4.95 0.00	45.41 -4.22 0.00	42.55 -3.50 0.00	40.31 -3.17 0.00
OXBOW___BTM 323836	39.98 -4.00 0.00	39.18 -3.69 0.00	37.19 -3.41 0.00	36.75 -3.46 0.00	38.37 -3.56 0.00	42.98 -3.34 0.00	52.10 -4.90 0.00	58.83 -5.68 0.00	49.27 -3.94 0.00	42.04 -3.07 0.00	39.50 -2.84 0.00	36.92 -2.74 0.00	36.82 -2.73 0.00	38.03 -2.64 0.00	38.19 -2.88 0.00	39.27 -3.09 0.00	44.47 -4.45 0.00	56.56 -5.46 0.00	67.50 -6.59 0.00	57.34 -5.53 0.00	50.36 -5.29 0.00	44.91 -4.72 0.00	41.95 -4.10 0.00	40.13 -3.35 0.00
OXBOW____ 24026	40.16 -3.83 0.00	39.18 -3.69 0.00	37.19 -3.41 0.00	36.79 -3.42 0.00	38.37 -3.56 0.00	42.99 -3.34 0.00	52.16 -4.85 0.00	58.83 -5.68 0.00	48.58 -4.63 0.00	41.64 -3.47 0.00	39.37 -2.96 0.00	36.92 -2.74 0.00	36.82 -2.73 0.00	38.03 -2.64 0.00	38.15 -2.92 0.00	39.27 -3.09 0.00	44.37 -4.55 0.00	56.50 -5.52 0.00	67.57 -6.52 0.00	57.15 -5.72 0.00	49.87 -5.79 0.00	44.67 -4.96 0.00	41.82 -4.24 0.00	39.65 -3.83 0.00
OXY_CHEM_DSASP 323612	39.67 -4.31 0.00	38.71 -4.16 0.00	36.74 -3.86 0.00	36.35 -3.86 0.00	37.90 -4.03 0.00	42.43 -3.89 0.00	51.42 -5.59 0.00	58.05 -6.45 0.00	47.94 -5.27 0.00	41.10 -4.01 0.00	38.91 -3.43 0.00	36.49 -3.17 0.00	36.39 -3.16 0.00	37.54 -3.13 0.00	37.66 -3.41 0.00	38.76 -3.60 0.00	43.79 -5.14 0.00	55.69 -6.33 0.00	66.53 -7.56 0.00	56.33 -6.54 0.00	49.20 -6.46 0.00	44.07 -5.56 0.00	41.26 -4.79 0.00	39.13 -4.35 0.00
OZONE_PARK_ESR 323760	46.00 2.02 0.00	44.84 1.97 0.00	42.46 1.87 0.00	42.10 1.89 0.00	43.82 1.89 0.00	48.22 3.02 0.00	60.03 3.10 0.00	67.60 3.10 0.00	56.08 2.87 0.00	47.77 2.66 0.00	44.88 2.54 0.00	42.12 2.46 0.00	41.69 2.14 0.00	42.71 2.03 0.00	43.16 2.09 0.00	44.73 2.37 0.00	51.62 2.69 0.00	65.18 3.16 0.00	77.94 3.85 0.00	66.08 3.21 0.00	58.83 3.17 0.00	52.36 2.73 0.00	48.40 2.35 0.00	45.48 2.00 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	39.67 -4.31 0.00	38.71 -4.16 0.00	36.74 -3.86 0.00	36.35 -3.86 0.00	37.90 -4.03 0.00	42.43 -3.89 0.00	51.42 -5.59 0.00	58.05 -6.45 0.00	47.94 -5.27 0.00	41.10 -4.01 0.00	38.91 -3.43 0.00	36.49 -3.17 0.00	36.39 -3.16 0.00	37.54 -3.13 0.00	37.66 -3.41 0.00	38.76 -3.60 0.00	43.79 -5.14 0.00	55.69 -6.33 0.00	66.53 -7.56 0.00	56.33 -6.54 0.00	49.20 -6.46 0.00	44.07 -5.56 0.00	41.26 -4.79 0.00	39.13 -4.35 0.00
PACKARD__115KV_DUPONT_184 80571	39.67 -4.31 0.00	38.71 -4.16 0.00	36.74 -3.86 0.00	36.35 -3.86 0.00	37.90 -4.03 0.00	42.43 -3.89 0.00	51.42 -5.59 0.00	58.05 -6.45 0.00	47.94 -5.27 0.00	41.10 -4.01 0.00	38.91 -3.43 0.00	36.49 -3.17 0.00	36.39 -3.16 0.00	37.54 -3.13 0.00	37.66 -3.41 0.00	38.76 -3.60 0.00	43.79 -5.14 0.00	55.69 -6.33 0.00	66.53 -7.56 0.00	56.33 -6.54 0.00	49.20 -6.46 0.00	44.07 -5.56 0.00	41.26 -4.79 0.00	39.13 -4.35 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.14 2.16 0.00	45.01 2.14 0.00	42.63 2.03 0.00	42.22 2.01 0.00	43.98 2.05 0.00	48.31 1.99 0.00	60.03 3.02 0.00	67.02 2.52 0.00	55.39 2.18 0.00	47.32 2.21 0.00	44.45 2.12 0.00	41.72 2.06 0.00	41.29 1.74 0.00	42.30 1.63 0.00	42.80 1.72 0.00	44.31 1.95 0.00	51.08 2.15 0.00	64.43 2.42 0.00	77.05 2.96 0.00	65.32 2.45 0.00	58.16 2.50 0.00	51.71 2.08 0.00	48.26 2.21 0.00	45.53 2.04 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.49 2.51 0.00	45.36 2.49 0.00	42.95 2.35 0.00	42.58 2.37 0.00	44.32 2.39 0.00	48.73 2.41 0.00	60.54 3.53 0.00	67.54 3.03 0.00	55.81 2.61 0.00	47.64 2.53 0.00	44.75 2.41 0.00	42.00 2.34 0.00	41.57 2.02 0.00	42.58 1.91 0.00	43.08 2.01 0.00	44.60 2.24 0.00	51.42 2.50 0.00	64.93 2.91 0.00	77.65 3.56 0.00	65.83 2.95 0.00	58.60 2.95 0.00	52.11 2.48 0.00	48.63 2.58 0.00	45.84 2.35 -0.01
PATROON__115KV_TB1 80586	44.95 0.97 0.00	43.86 0.99 0.00	41.61 1.01 0.00	41.22 1.01 0.00	42.89 0.96 0.00	47.29 0.97 0.00	58.20 1.20 0.00	65.79 1.29 0.00	54.32 1.12 0.00	46.15 1.04 0.00	43.27 0.93 0.00	40.69 1.03 0.00	40.46 0.91 0.00	41.57 0.89 0.00	42.02 0.94 0.00	43.08 0.72 0.00	49.66 0.73 0.00	62.82 0.81 0.00	75.13 1.04 0.00	63.63 0.75 0.00	56.49 0.83 0.00	50.42 0.79 0.00	46.79 0.74 0.00	44.39 0.91 0.00
PATTRSNVILLE___SOLAR 323815	45.52 1.54 0.00	44.37 1.50 0.00	41.98 1.38 0.00	41.62 1.41 0.00	43.40 1.47 0.00	47.90 1.58 0.00	59.12 2.11 0.00	66.76 2.26 0.00	54.86 1.65 0.00	46.51 1.40 0.00	43.48 1.14 0.00	40.69 1.03 0.00	40.66 1.11 0.00	41.81 1.14 0.00	42.26 1.19 0.00	43.63 1.27 0.00	50.54 1.61 0.00	64.18 2.17 0.00	76.83 2.74 0.00	65.07 2.20 0.00	57.60 1.95 0.00	51.41 1.78 0.00	47.57 1.52 0.00	44.96 1.48 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.49 -1.50 0.00	41.50 -1.37 0.00	39.38 -1.22 0.00	38.96 -1.25 0.00	40.67 -1.26 0.00	45.58 -0.74 0.00	55.64 -1.37 0.00	62.25 -2.26 0.00	51.24 -1.97 0.00	43.80 -1.31 0.00	41.41 -0.93 0.00	38.79 -0.87 0.00	38.72 -0.83 0.00	39.94 -0.73 0.00	40.04 -1.03 0.00	41.30 -1.06 0.00	46.77 -2.15 0.00	59.66 -2.36 0.00	71.50 -2.59 0.00	60.55 -2.33 0.00	52.70 -2.95 0.00	47.05 -2.58 0.00	43.98 -2.07 0.00	41.96 -1.52 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	45.96 1.98 0.00	44.80 1.93 0.00	42.42 1.83 0.00	42.06 1.85 0.00	43.86 1.93 0.00	48.27 1.95 0.00	59.86 2.85 0.00	67.41 2.90 0.00	55.81 2.61 0.00	47.32 2.21 0.00	44.16 1.82 0.00	41.37 1.71 0.00	41.02 1.46 0.00	42.10 1.42 0.00	42.59 1.52 0.00	44.14 1.78 0.00	51.22 2.30 0.00	64.74 2.73 0.00	77.57 3.48 0.00	65.83 2.95 0.00	58.49 2.84 0.00	52.11 2.48 0.00	48.17 2.12 0.00	45.26 1.78 0.00
PEEKSKILL____ 23653	45.52 1.54 0.00	44.33 1.46 0.00	42.02 1.42 0.00	41.62 1.41 0.00	43.36 1.43 0.00	47.66 1.34 0.00	59.12 2.11 0.00	66.76 2.26 0.00	55.07 1.86 0.00	46.92 1.81 0.00	44.07 1.74 0.00	41.36 1.70 0.00	41.02 1.46 0.00	42.06 1.38 0.00	42.51 1.44 0.00	43.97 1.61 0.00	50.68 1.76 0.00	64.00 1.98 0.00	76.61 2.52 0.00	65.01 2.14 0.00	57.77 2.11 0.00	51.47 1.84 0.00	47.66 1.61 0.00	44.78 1.30 0.00

PGE MADISON___WINDPWR 24146	47.06 3.08 0.00	45.79 2.92 0.00	43.28 2.68 0.00	42.95 2.74 0.00	44.78 2.85 0.00	50.30 3.98 0.00	62.42 5.42 0.00	70.76 6.26 0.00	57.89 4.68 0.00	48.09 2.98 0.00	45.22 2.88 0.00	42.16 2.50 0.00	42.16 2.61 0.00	43.76 3.09 0.00	44.15 3.08 0.00	45.54 3.18 0.00	53.13 4.21 0.00	68.16 6.14 0.00	81.94 7.85 0.00	69.29 6.42 0.00	60.66 5.01 0.00	53.60 3.97 0.00	49.65 3.59 0.00	46.74 3.26 0.00
PIERCEFIELD___HYD 23852	45.52 1.54 0.00	44.33 1.46 0.00	41.94 1.34 0.00	41.54 1.33 0.00	43.10 1.17 0.00	47.39 1.07 0.00	58.15 1.14 0.00	65.67 1.16 0.00	53.90 0.69 0.00	45.25 0.14 0.00	42.68 0.34 0.00	40.06 0.40 0.00	40.42 0.87 0.00	41.81 1.14 0.00	42.26 1.19 0.00	43.59 1.23 0.00	50.34 1.42 0.00	63.57 1.55 0.00	75.65 1.56 0.00	64.32 1.45 0.00	56.99 1.34 0.00	51.12 1.49 0.00	47.80 1.75 0.00	45.18 1.70 0.00
PINELAWN_CC_1 323563	46.44 2.46 0.00	45.23 2.36 0.00	42.79 2.19 0.00	42.42 2.21 0.00	44.28 2.35 0.00	48.68 2.36 0.00	60.37 3.36 0.00	67.92 3.42 0.00	57.51 3.46 -0.85	47.73 2.62 0.00	44.88 2.54 0.00	42.12 2.46 0.00	41.65 2.09 0.00	42.83 2.15 0.00	43.41 2.34 0.00	46.31 2.88 -1.07	54.87 3.13 -2.81	65.86 3.85 0.00	78.76 4.67 0.00	66.52 3.65 0.00	60.93 3.67 -1.61	57.25 3.22 -4.39	49.65 2.90 -0.69	46.02 2.43 -0.10
PJM_GEN_HTP_PROXY 323702	45.74 1.76 0.00	44.59 1.72 0.00	42.22 1.63 0.00	41.86 1.65 0.00	43.56 1.63 0.00	47.94 1.62 0.00	59.63 2.62 0.00	67.34 2.83 0.00	55.54 2.34 0.00	47.41 2.30 0.00	44.54 2.20 0.00	41.84 2.18 0.00	41.37 1.82 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.13 2.20 0.00	64.62 2.60 0.00	77.27 3.18 0.00	65.51 2.64 0.00	58.27 2.62 0.00	52.33 2.28 -0.41	47.66 2.02 0.41	45.09 1.61 0.00
PJM_GEN_KEystone 24065	43.37 -0.62 0.00	42.31 -0.56 0.00	40.15 -0.45 0.00	39.77 -0.44 0.00	41.47 -0.46 0.00	45.90 -0.42 0.00	56.61 -0.40 0.00	63.74 -0.71 0.06	52.67 -0.53 0.00	44.93 -0.18 0.00	42.21 -0.13 0.00	39.54 -0.12 0.00	39.32 -0.24 0.00	40.39 -0.28 0.00	40.70 -0.37 0.00	42.02 -0.34 0.00	48.00 -0.73 0.19	59.87 -0.93 1.22	71.31 -1.04 1.75	61.58 -0.82 0.47	54.82 -0.83 0.00	49.20 -0.84 -0.41	44.90 -0.74 0.41	42.41 -0.61 0.46
PJM_GEN_NEPTUNE_PROXY 323594	46.05 2.07 0.00	44.84 1.97 0.00	42.43 1.83 0.00	42.06 1.85 0.00	43.86 1.93 0.00	48.22 1.90 0.00	59.86 2.85 0.00	67.34 2.83 0.00	56.48 2.82 -0.46	47.37 2.25 0.00	44.54 2.20 0.00	41.80 2.14 0.00	41.33 1.78 0.00	42.50 1.83 0.00	43.04 1.97 0.00	45.31 2.37 -0.58	53.05 2.59 -1.53	65.11 3.10 0.00	77.87 3.78 0.00	65.83 2.96 0.00	59.59 3.06 -0.88	55.12 2.68 -2.81	48.41 2.39 0.04	45.49 1.96 -0.06
PJM_GEN_VFT_PROXY 323633	44.14 1.54 1.38	44.14 1.50 0.23	42.06 1.46 0.00	41.66 1.45 0.00	43.40 1.47 0.00	47.71 1.39 0.00	59.40 2.39 0.00	66.28 2.58 0.81	49.93 2.07 5.35	45.72 2.08 1.47	44.33 1.99 0.00	41.64 1.98 0.00	41.17 1.62 0.00	42.22 1.55 0.00	42.63 1.56 0.00	44.14 1.78 0.00	48.09 1.91 2.74	46.80 2.17 17.38	51.88 2.74 24.95	58.37 2.26 6.76	57.81 2.39 0.23	52.13 2.08 -0.41	47.48 1.84 0.41	44.91 1.43 0.00
PLATSBURG_115KV_PMLD1 355749	46.22 2.24 0.00	44.97 2.10 0.00	42.59 1.99 0.00	42.10 1.89 0.00	43.86 1.93 0.00	48.50 2.18 0.00	58.89 1.88 0.00	66.63 2.13 0.00	54.70 1.49 0.00	45.97 0.86 0.00	43.10 0.76 0.00	40.22 0.56 0.00	40.26 0.71 0.00	41.40 0.73 0.00	41.85 0.78 0.00	43.25 0.89 0.00	50.49 1.57 0.00	64.37 2.36 0.00	75.94 1.85 0.00	65.45 2.58 0.00	57.93 2.28 0.00	51.66 2.03 0.00	48.08 2.03 0.00	46.05 2.57 0.00
PLEASANTVLY___LBMP 24000	45.43 1.45 0.00	44.29 1.41 0.00	41.94 1.34 0.00	41.58 1.37 0.00	43.31 1.38 0.00	47.66 1.34 0.00	58.89 1.88 0.00	66.50 2.00 0.00	55.07 1.86 0.00	46.87 1.76 0.00	43.90 1.57 0.00	41.21 1.55 0.00	40.90 1.34 0.00	41.93 1.26 0.00	42.38 1.31 0.00	43.84 1.48 0.00	50.59 1.66 0.00	64.00 1.98 0.00	76.46 2.37 0.00	64.88 2.01 0.00	57.66 2.00 0.00	51.42 1.79 0.00	47.57 1.52 0.00	44.78 1.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.70 1.72 0.00	44.54 1.67 0.00	42.14 1.54 0.00	41.78 1.57 0.00	43.52 1.59 0.00	47.85 1.53 0.00	59.40 2.39 0.00	66.96 2.45 0.00	55.55 2.34 0.00	47.28 2.17 0.00	44.37 2.03 0.00	41.60 1.94 0.00	41.21 1.66 0.00	42.26 1.59 0.00	42.75 1.68 0.00	44.26 1.91 0.00	51.03 2.10 0.00	64.50 2.48 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.81 2.18 0.00	47.90 1.84 0.00	45.05 1.57 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.70 1.72 0.00	44.54 1.67 0.00	42.14 1.54 0.00	41.78 1.57 0.00	43.52 1.59 0.00	47.85 1.53 0.00	59.40 2.39 0.00	66.96 2.45 0.00	55.55 2.34 0.00	47.28 2.17 0.00	44.37 2.03 0.00	41.60 1.94 0.00	41.21 1.66 0.00	42.26 1.59 0.00	42.75 1.68 0.00	44.26 1.91 0.00	51.03 2.10 0.00	64.50 2.48 0.00	77.13 3.04 0.00	65.39 2.51 0.00	58.16 2.50 0.00	51.81 2.18 0.00	47.90 1.84 0.00	45.05 1.57 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.83 1.85 0.00	44.67 1.80 0.00	42.30 1.71 0.00	41.90 1.69 0.00	43.69 1.76 0.00	48.08 1.76 0.00	59.63 2.62 0.00	67.15 2.64 0.00	55.65 2.45 0.00	47.19 2.08 0.00	44.11 1.78 0.00	41.29 1.63 0.00	41.02 1.46 0.00	42.06 1.38 0.00	42.55 1.48 0.00	44.14 1.78 0.00	51.03 2.10 0.00	64.62 2.60 0.00	77.20 3.11 0.00	65.51 2.64 0.00	58.21 2.56 0.00	51.91 2.28 0.00	47.99 1.93 0.00	45.18 1.70 0.00
POLETTI___ 23519	45.61 1.63 0.00	44.46 1.59 0.00	42.10 1.50 0.00	41.74 1.53 0.00	43.44 1.51 0.00	47.71 1.39 0.00	59.34 2.34 0.00	66.83 2.32 0.00	55.42 2.23 0.02	47.26 2.17 0.02	44.35 2.03 0.02	41.68 2.02 0.00	41.29 1.74 0.00	42.22 1.55 0.00	42.71 1.64 0.00	44.22 1.86 0.00	51.01 2.10 0.02	64.42 2.42 0.02	76.96 2.89 0.02	65.31 2.45 0.02	58.14 2.50 0.02	51.75 2.13 0.02	47.85 1.80 0.00	45.00 1.52 0.00
POMONA___ESR 323819	45.43 1.45 0.00	44.24 1.37 0.00	41.93 1.34 0.00	41.58 1.37 0.00	43.27 1.34 0.00	47.52 1.20 0.00	58.88 1.88 0.00	66.57 2.06 0.00	54.86 1.65 0.00	46.78 1.67 0.00	43.99 1.65 0.00	41.29 1.63 0.00	40.94 1.38 0.00	41.97 1.30 0.00	42.38 1.31 0.00	43.93 1.57 0.00	50.44 1.52 0.00	63.69 1.68 0.00	76.24 2.15 0.00	64.70 1.82 0.00	57.49 1.83 0.00	51.26 1.64 0.00	47.48 1.43 0.00	44.65 1.17 0.00
PORT_JEFF_3 23555	46.62 2.64 0.00	45.36 2.49 0.00	42.87 2.27 0.00	42.54 2.33 0.00	44.53 2.60 0.00	48.77 2.45 0.00	60.43 3.42 0.00	67.99 3.48 0.00	57.78 3.72 -0.85	47.82 2.71 0.00	44.96 2.63 0.00	42.20 2.54 0.00	41.65 2.09 0.00	42.87 2.19 0.00	43.49 2.42 0.00	46.43 3.01 -1.07	55.16 3.42 -2.81	66.36 4.34 0.00	79.06 4.96 0.00	66.71 3.84 0.00	61.32 4.06 -1.61	57.55 3.52 -4.39	49.78 3.04 -0.69	46.10 2.52 -0.10

PORT_JEFF_4 23616	46.62 2.64 0.00	45.36 2.49 0.00	42.87 2.27 0.00	42.54 2.33 0.00	44.53 2.60 0.00	48.77 2.45 0.00	60.43 3.42 0.00	67.99 3.48 0.00	57.78 3.72 -0.85	47.82 2.71 0.00	44.96 2.63 0.00	42.20 2.54 0.00	41.65 2.09 0.00	42.87 2.19 0.00	43.49 2.42 0.00	46.43 3.01 -1.07	55.16 3.42 -2.81	66.36 4.34 0.00	79.06 4.96 0.00	66.71 3.84 0.00	61.32 4.06 -1.61	57.55 3.52 -4.39	49.78 3.04 -0.69	46.10 2.52 -0.10
PORT_JEFF_IC 23713	46.80 2.81 0.00	45.66 2.79 0.00	42.87 2.27 0.00	42.58 2.37 0.00	44.53 2.60 0.00	48.78 2.45 0.00	60.43 3.42 0.00	67.92 3.42 0.00	57.88 3.83 -0.85	47.91 2.80 0.00	45.00 2.67 0.00	42.12 2.46 0.00	41.65 2.10 0.00	42.87 2.20 0.00	43.49 2.42 0.00	46.43 3.01 -1.07	55.21 3.47 -2.81	66.17 4.16 0.00	78.39 4.30 0.00	66.64 3.77 0.00	61.32 4.06 -1.61	57.59 3.57 -4.39	49.78 3.04 -0.69	46.28 2.70 -0.10
PPL PILGRIM_ST_GT1 24216	46.67 2.68 0.00	45.44 2.57 0.00	42.95 2.35 0.00	42.62 2.41 0.00	44.53 2.60 0.00	48.91 2.59 0.00	60.60 3.59 0.00	68.05 3.55 0.00	57.83 3.78 -0.85	47.91 2.80 0.00	45.05 2.71 0.00	42.28 2.62 0.00	41.77 2.21 0.00	42.99 2.32 0.00	43.62 2.55 0.00	46.52 3.09 -1.07	55.16 3.42 -2.81	66.23 4.22 0.00	79.13 5.04 0.00	66.71 3.84 0.00	61.21 3.95 -1.61	57.50 3.47 -4.39	49.88 3.13 -0.69	46.19 2.61 -0.10
PPL PILGRIM_ST_GT2 24217	46.67 2.68 0.00	45.44 2.57 0.00	42.95 2.35 0.00	42.62 2.41 0.00	44.53 2.60 0.00	48.91 2.59 0.00	60.60 3.59 0.00	68.05 3.55 0.00	57.83 3.78 -0.85	47.91 2.80 0.00	45.05 2.71 0.00	42.28 2.62 0.00	41.77 2.21 0.00	42.99 2.32 0.00	43.62 2.55 0.00	46.52 3.09 -1.07	55.16 3.42 -2.81	66.23 4.22 0.00	79.13 5.04 0.00	66.71 3.84 0.00	61.21 3.95 -1.61	57.50 3.47 -4.39	49.88 3.13 -0.69	46.19 2.61 -0.10
PPL_SHRM_GT3 24213	46.44 2.46 0.00	45.23 2.36 0.00	42.71 2.11 0.00	42.42 2.21 0.00	44.53 2.60 0.00	48.50 2.18 0.00	60.03 3.02 0.00	67.73 3.22 0.00	57.72 3.67 -0.85	47.68 2.57 0.00	44.83 2.50 0.00	42.04 2.38 0.00	41.49 1.94 0.00	42.75 2.07 0.00	43.37 2.30 0.00	46.31 2.88 -1.07	55.06 3.33 -2.81	66.29 4.28 0.00	79.20 5.11 0.00	66.39 3.52 0.00	61.21 3.95 -1.61	57.44 3.42 -4.39	49.55 2.81 -0.69	45.89 2.30 -0.10
PPL_SHRM_GT4 24214	46.44 2.46 0.00	45.23 2.36 0.00	42.71 2.11 0.00	42.42 2.21 0.00	44.53 2.60 0.00	48.50 2.18 0.00	60.03 3.02 0.00	67.73 3.22 0.00	57.72 3.67 -0.85	47.68 2.57 0.00	44.83 2.50 0.00	42.04 2.38 0.00	41.49 1.94 0.00	42.75 2.07 0.00	43.37 2.30 0.00	46.31 2.88 -1.07	55.06 3.33 -2.81	66.29 4.28 0.00	79.20 5.11 0.00	66.39 3.52 0.00	61.21 3.95 -1.61	57.44 3.42 -4.39	49.55 2.81 -0.69	45.89 2.30 -0.10
PROJECT___ORANGE 1 24174	42.97 -1.01 0.00	41.89 -0.99 0.00	39.66 -0.93 0.00	39.29 -0.92 0.00	41.01 -0.92 0.00	45.49 -0.83 0.00	56.04 -0.97 0.00	63.54 -0.97 0.00	52.35 -0.85 0.00	44.39 -0.72 0.00	41.70 -0.64 0.00	38.99 -0.67 0.00	38.92 -0.63 0.00	40.06 -0.61 0.00	40.41 -0.66 0.00	41.68 -0.68 0.00	47.99 -0.93 0.00	60.90 -1.12 0.00	72.76 -1.33 0.00	61.68 -1.19 0.00	54.43 -1.22 0.00	48.59 -1.04 0.00	45.09 -0.97 0.00	42.52 -0.96 0.00
PROJECT___ORANGE 2 24166	42.97 -1.01 0.00	41.89 -0.99 0.00	39.66 -0.93 0.00	39.29 -0.92 0.00	41.01 -0.92 0.00	45.49 -0.83 0.00	56.04 -0.97 0.00	63.54 -0.97 0.00	52.35 -0.85 0.00	44.39 -0.72 0.00	41.70 -0.64 0.00	38.99 -0.67 0.00	38.92 -0.63 0.00	40.06 -0.61 0.00	40.41 -0.66 0.00	41.68 -0.68 0.00	47.99 -0.93 0.00	60.90 -1.12 0.00	72.76 -1.33 0.00	61.68 -1.19 0.00	54.43 -1.22 0.00	48.59 -1.04 0.00	45.09 -0.97 0.00	42.52 -0.96 0.00
PUCKETT___SOLAR 323809	44.55 0.57 0.00	43.43 0.56 0.00	41.12 0.53 0.00	40.77 0.56 0.00	42.52 0.59 0.00	47.34 1.02 0.00	58.43 1.43 0.00	66.05 1.55 0.00	54.27 1.06 0.00	45.79 0.68 0.00	42.93 0.59 0.00	40.06 0.40 0.00	39.95 0.40 0.00	41.16 0.49 0.00	41.52 0.45 0.00	42.95 0.59 0.00	49.76 0.83 0.00	63.44 1.43 0.00	75.94 1.85 0.00	64.44 1.57 0.00	56.71 1.05 0.00	50.37 0.75 0.00	46.75 0.69 0.00	44.17 0.69 0.00
PYRITES___HYD 24023	46.27 2.29 0.00	45.06 2.19 0.00	42.59 1.99 0.00	42.18 1.97 0.00	43.78 1.84 0.00	48.31 1.99 0.00	59.40 2.39 0.00	67.15 2.64 0.00	55.07 1.86 0.00	46.06 0.95 0.00	43.40 1.06 0.00	40.65 0.99 0.00	40.98 1.42 0.00	42.38 1.71 0.00	42.84 1.77 0.00	44.14 1.78 0.00	51.17 2.25 0.00	64.81 2.79 0.00	77.28 3.19 0.00	65.64 2.77 0.00	58.10 2.45 0.00	52.01 2.38 0.00	48.54 2.49 0.00	45.87 2.39 0.00
QUAKERRD_115KV_BK1 80622	41.12 -2.86 0.00	40.08 -2.79 0.00	38.00 -2.60 0.00	37.64 -2.57 0.00	39.29 -2.64 0.00	43.77 -2.55 0.00	53.53 -3.48 0.00	60.83 -3.68 0.00	50.12 -3.09 0.00	42.59 -2.53 0.00	40.09 -2.24 0.00	37.52 -2.14 0.00	37.42 -2.14 0.00	38.64 -2.03 0.00	38.89 -2.18 0.00	40.03 -2.33 0.00	45.94 -2.98 0.00	58.42 -3.60 0.00	69.79 -4.30 0.00	59.10 -3.77 0.00	51.98 -3.67 0.00	46.30 -3.33 0.00	43.11 -2.95 0.00	40.70 -2.78 0.00
QUEENSBRY_115KV_TB8 356137	48.20 4.22 0.00	46.99 4.12 0.00	44.37 3.78 0.00	43.95 3.74 0.00	45.87 3.94 0.00	49.38 3.06 0.00	60.88 3.88 0.00	68.76 4.26 0.00	56.50 3.30 0.00	47.86 2.75 0.00	44.41 2.07 0.00	41.60 1.94 0.00	41.33 1.78 0.00	42.58 1.91 0.00	43.04 1.97 0.00	44.60 2.24 0.00	51.76 2.84 0.00	66.05 4.03 0.00	79.28 5.19 0.00	66.90 4.02 0.00	59.21 3.56 0.00	52.90 3.28 0.00	48.95 2.90 0.00	47.61 4.13 0.00
RAMAPO___LBMP 323565	45.26 1.28 0.00	44.11 1.24 0.00	41.77 1.18 0.00	41.42 1.21 0.00	43.15 1.22 0.00	47.39 1.07 0.00	58.72 1.71 0.00	66.18 1.68 0.00	54.80 1.60 0.00	46.69 1.58 0.00	43.86 1.52 0.00	41.13 1.47 0.00	40.78 1.23 0.00	41.81 1.14 0.00	42.26 1.19 0.00	43.76 1.40 0.00	50.34 1.42 0.00	63.57 1.55 0.00	76.09 2.00 0.00	64.57 1.70 0.00	57.38 1.73 0.00	51.17 1.54 0.00	47.34 1.29 0.00	44.61 1.13 0.00
RANKINE____ 23646	41.56 -2.42 0.00	40.60 -2.27 0.00	38.53 -2.07 0.00	38.12 -2.09 0.00	39.79 -2.14 0.00	44.56 -1.76 0.00	54.27 -2.74 0.00	61.02 -3.48 0.00	50.33 -2.87 0.00	43.04 -2.08 0.00	40.73 -1.61 0.00	38.15 -1.51 0.00	38.09 -1.46 0.00	39.29 -1.38 0.00	39.43 -1.64 0.00	40.62 -1.74 0.00	45.99 -2.94 0.00	58.60 -3.41 0.00	70.16 -3.93 0.00	59.35 -3.52 0.00	51.70 -3.95 0.00	46.20 -3.42 0.00	43.24 -2.81 0.00	41.05 -2.43 0.00
RAVENSWOOD_GT2_1 24244	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.57 2.57 0.00	67.08 2.58 0.00	55.65 2.45 0.00	47.41 2.30 0.00	44.50 2.16 0.00	41.76 2.10 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.84 1.77 0.00	44.39 2.03 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.32 2.67 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.18 1.70 0.00

RAVENSWOOD_GT2_2 24245	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.57 2.57 0.00	67.08 2.58 0.00	55.65 2.45 0.00	47.41 2.30 0.00	44.50 2.16 0.00	41.76 2.10 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.84 1.77 0.00	44.39 2.03 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.32 2.67 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.18 1.70 0.00
RAVENSWOOD_GT2_3 24246	45.79 1.80 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.61 1.68 0.00	47.94 1.62 0.00	59.57 2.57 0.00	67.08 2.58 0.00	55.65 2.45 0.00	47.46 2.35 0.00	44.54 2.20 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.22 2.30 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.32 2.67 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.18 1.70 0.00
RAVENSWOOD_GT2_4 24247	45.79 1.80 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.61 1.68 0.00	47.94 1.62 0.00	59.57 2.57 0.00	67.08 2.58 0.00	55.65 2.45 0.00	47.46 2.35 0.00	44.54 2.20 0.00	41.80 2.14 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.22 2.30 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.32 2.67 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.18 1.70 0.00
RAVENSWOOD_GT3_1 24248	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.57 2.57 0.00	67.08 2.58 0.00	55.60 2.39 0.00	47.41 2.30 0.00	44.50 2.16 0.00	41.76 2.10 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.84 1.77 0.00	44.39 2.03 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.32 2.67 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.13 1.65 0.00
RAVENSWOOD_GT3_2 24249	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.57 2.57 0.00	67.08 2.58 0.00	55.60 2.39 0.00	47.41 2.30 0.00	44.50 2.16 0.00	41.76 2.10 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.84 1.77 0.00	44.39 2.03 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.32 2.67 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.13 1.65 0.00
RAVENSWOOD_GT3_3 24250	45.79 1.80 0.00	44.63 1.76 0.00	42.26 1.66 0.00	41.90 1.69 0.00	43.65 1.72 0.00	47.99 1.67 0.00	59.63 2.62 0.00	67.15 2.64 0.00	55.71 2.50 0.00	47.50 2.39 0.00	44.58 2.24 0.00	41.84 2.18 0.00	41.45 1.90 0.00	42.46 1.79 0.00	42.92 1.85 0.00	44.43 2.08 0.00	51.27 2.35 0.00	64.74 2.73 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.38 2.73 0.00	52.01 2.38 0.00	48.08 2.03 0.00	45.22 1.74 0.00
RAVENSWOOD_GT3_4 24251	45.79 1.80 0.00	44.63 1.76 0.00	42.26 1.66 0.00	41.90 1.69 0.00	43.65 1.72 0.00	47.99 1.67 0.00	59.63 2.62 0.00	67.15 2.64 0.00	55.71 2.50 0.00	47.50 2.39 0.00	44.58 2.24 0.00	41.84 2.18 0.00	41.45 1.90 0.00	42.46 1.79 0.00	42.92 1.85 0.00	44.43 2.08 0.00	51.27 2.35 0.00	64.74 2.73 0.00	77.42 3.33 0.00	65.64 2.77 0.00	58.38 2.73 0.00	52.01 2.38 0.00	48.08 2.03 0.00	45.22 1.74 0.00
RAVENSWOOD_GT_1 23729	45.96 1.98 0.00	44.80 1.93 0.00	42.42 1.83 0.00	42.06 1.85 0.00	43.78 1.84 0.00	48.13 1.81 0.00	59.86 2.85 0.00	67.21 2.71 0.00	55.76 2.55 0.00	47.55 2.44 0.00	44.67 2.33 0.00	41.96 2.30 0.00	41.53 1.98 0.00	42.54 1.87 0.00	43.00 1.93 0.00	44.52 2.16 0.00	51.32 2.40 0.00	64.81 2.79 0.00	75.05 3.41 2.44	62.95 2.83 2.75	55.15 2.84 3.34	52.01 2.38 0.00	48.22 2.16 0.00	45.40 1.91 -0.01
RAVENSWOOD_GT_10 24258	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.57 2.57 0.00	67.02 2.52 0.00	55.60 2.39 0.00	47.41 2.30 0.00	44.50 2.16 0.00	41.76 2.10 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.84 1.77 0.00	44.35 1.99 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.27 2.62 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.13 1.65 0.00
RAVENSWOOD_GT_11 24259	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.57 2.57 0.00	67.02 2.52 0.00	55.60 2.39 0.00	47.41 2.30 0.00	44.50 2.16 0.00	41.76 2.10 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.84 1.77 0.00	44.35 1.99 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.27 2.62 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.13 1.65 0.00
RAVENSWOOD_GT_4 24252	45.70 1.72 0.00	44.54 1.67 0.00	42.18 1.58 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.85 1.53 0.00	59.51 2.51 0.00	67.02 2.52 0.00	55.60 2.39 0.00	47.37 2.26 0.00	44.45 2.12 0.00	41.72 2.06 0.00	41.33 1.78 0.00	42.34 1.67 0.00	42.80 1.72 0.00	44.35 1.99 0.00	51.13 2.20 0.00	64.56 2.54 0.00	79.09 3.11 -1.89	67.58 2.58 -2.13	60.85 2.62 -2.58	51.86 2.23 0.00	47.99 1.93 0.00	45.09 1.61 -0.01
RAVENSWOOD_GT_5 24254	45.70 1.72 0.00	44.54 1.67 0.00	42.18 1.58 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.85 1.53 0.00	59.51 2.51 0.00	67.02 2.52 0.00	55.60 2.39 0.00	47.37 2.26 0.00	44.45 2.12 0.00	41.72 2.06 0.00	41.33 1.78 0.00	42.34 1.67 0.00	42.80 1.72 0.00	44.35 1.99 0.00	51.13 2.20 0.00	64.56 2.54 0.00	79.09 3.11 -1.89	67.58 2.58 -2.13	60.85 2.62 -2.58	51.86 2.23 0.00	47.99 1.93 0.00	45.09 1.61 -0.01
RAVENSWOOD_GT_6 24253	45.70 1.72 0.00	44.54 1.67 0.00	42.18 1.58 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.85 1.53 0.00	59.51 2.51 0.00	67.02 2.52 0.00	55.60 2.39 0.00	47.37 2.26 0.00	44.45 2.12 0.00	41.72 2.06 0.00	41.33 1.78 0.00	42.34 1.67 0.00	42.80 1.72 0.00	44.35 1.99 0.00	51.13 2.20 0.00	64.56 2.54 0.00	79.09 3.11 -1.89	67.58 2.58 -2.13	60.85 2.62 -2.58	51.86 2.23 0.00	47.99 1.93 0.00	45.09 1.61 -0.01
RAVENSWOOD_GT_7 24255	45.70 1.72 0.00	44.54 1.67 0.00	42.18 1.58 0.00	41.82 1.61 0.00	43.52 1.59 0.00	47.85 1.53 0.00	59.51 2.51 0.00	67.02 2.52 0.00	55.60 2.39 0.00	47.37 2.26 0.00	44.45 2.12 0.00	41.72 2.06 0.00	41.33 1.78 0.00	42.34 1.67 0.00	42.80 1.72 0.00	44.35 1.99 0.00	51.13 2.20 0.00	64.56 2.54 0.00	79.09 3.11 -1.89	67.58 2.58 -2.13	60.85 2.62 -2.58	51.86 2.23 0.00	47.99 1.93 0.00	45.09 1.61 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.57 2.57 0.00	67.02 2.52 0.00	55.60 2.39 0.00	47.41 2.30 0.00	44.50 2.16 0.00	41.76 2.10 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.84 1.77 0.00	44.35 1.99 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.27 2.62 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.13 1.65 0.00

RAVENSWOOD_GT_9 24257	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.57 2.57 0.00	67.02 2.52 0.00	55.60 2.39 0.00	47.41 2.30 0.00	44.50 2.16 0.00	41.76 2.10 0.00	41.37 1.82 0.00	42.38 1.71 0.00	42.84 1.77 0.00	44.35 1.99 0.00	51.17 2.25 0.00	64.62 2.60 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.27 2.62 0.00	51.91 2.28 0.00	48.03 1.98 0.00	45.13 1.65 0.00
RAVENSWOOD___1 23533	46.05 2.07 0.00	44.84 1.97 0.00	42.51 1.91 0.00	42.10 1.89 0.00	43.82 1.89 0.00	48.22 1.90 0.00	59.97 2.96 0.00	67.60 3.10 0.00	55.71 2.50 0.00	47.55 2.43 0.00	44.75 2.41 0.00	42.04 2.38 0.00	41.57 2.02 0.00	42.62 1.95 0.00	43.08 2.01 0.00	44.60 2.24 0.00	51.32 2.40 0.00	64.81 2.79 0.00	77.57 3.48 0.00	65.77 2.89 0.00	58.49 2.84 0.00	52.11 2.48 0.00	48.36 2.30 0.00	45.40 1.91 -0.01
RAVENSWOOD___2 23534	46.05 2.07 0.00	44.84 1.97 0.00	42.51 1.91 0.00	42.10 1.89 0.00	43.82 1.89 0.00	48.22 1.90 0.00	59.97 2.96 0.00	67.60 3.10 0.00	55.71 2.50 0.00	47.55 2.43 0.00	44.75 2.41 0.00	42.04 2.38 0.00	41.57 2.02 0.00	42.62 1.95 0.00	43.08 2.01 0.00	44.60 2.24 0.00	51.32 2.40 0.00	64.81 2.79 0.00	77.57 3.48 0.00	65.77 2.89 0.00	58.49 2.84 0.00	52.11 2.48 0.00	48.36 2.30 0.00	45.40 1.91 -0.01
RAVENSWOOD___3 23535	45.83 1.85 0.00	44.63 1.76 0.00	42.30 1.70 0.00	41.90 1.69 0.00	43.61 1.68 0.00	47.99 1.67 0.00	59.69 2.68 0.00	67.41 2.91 0.00	55.60 2.40 0.00	47.41 2.30 0.00	44.58 2.24 0.00	41.88 2.22 0.00	41.41 1.86 0.00	42.46 1.79 0.00	42.92 1.85 0.00	44.43 2.08 0.00	51.18 2.25 0.00	64.62 2.60 0.00	77.35 3.26 0.00	65.57 2.70 0.00	58.32 2.67 0.00	51.96 2.33 0.00	48.13 2.07 0.00	45.13 1.65 0.00
RAVENSWOOD___4 23820	46.05 2.07 0.00	44.84 1.97 0.00	42.51 1.91 0.00	42.10 1.89 0.00	43.82 1.89 0.00	48.22 1.90 0.00	59.97 2.96 0.00	67.60 3.10 0.00	55.71 2.50 0.00	47.55 2.43 0.00	44.75 2.41 0.00	42.04 2.38 0.00	41.57 2.02 0.00	42.62 1.95 0.00	43.08 2.01 0.00	44.60 2.24 0.00	51.32 2.40 0.00	64.81 2.79 0.00	75.13 3.48 2.44	63.02 2.89 2.75	55.15 2.84 3.34	52.11 2.48 0.00	48.36 2.30 0.00	45.40 1.91 -0.01
RCPI_TRUST___DRP 24196	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.63 2.62 0.00	67.15 2.64 0.00	55.71 2.50 0.00	47.50 2.39 0.00	44.58 2.24 0.00	41.84 2.18 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.43 2.08 0.00	51.22 2.30 0.00	64.68 2.67 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.32 2.67 0.00	51.96 2.33 0.00	48.03 1.98 0.00	45.18 1.70 0.00
RED___ROCHESTER 323720	41.87 -2.11 0.00	40.90 -1.97 0.00	38.77 -1.83 0.00	38.40 -1.81 0.00	40.13 -1.80 0.00	44.75 -1.58 0.00	54.67 -2.34 0.00	62.19 -2.32 0.00	51.61 -1.59 0.00	43.80 -1.31 0.00	41.07 -1.27 0.00	38.39 -1.27 0.00	38.29 -1.27 0.00	39.58 -1.10 0.00	39.84 -1.23 0.00	40.96 -1.40 0.00	47.02 -1.91 0.00	59.84 -2.17 0.00	71.43 -2.66 0.00	60.61 -2.26 0.00	53.37 -2.28 0.00	47.45 -2.18 0.00	44.07 -1.98 0.00	41.83 -1.65 0.00
REGAN___SOLAR 323812	47.01 3.03 0.00	45.79 2.92 0.00	43.28 2.68 0.00	42.91 2.69 0.00	44.74 2.81 0.00	49.66 3.34 0.00	61.51 4.50 0.00	69.34 4.84 0.00	56.72 3.51 0.00	47.77 2.66 0.00	44.54 2.20 0.00	41.53 1.86 0.00	41.65 2.09 0.00	42.87 2.19 0.00	43.33 2.26 0.00	44.86 2.50 0.00	52.20 3.28 0.00	66.60 4.59 0.00	79.94 5.85 0.00	67.59 4.72 0.00	59.77 4.12 0.00	53.25 3.62 0.00	49.23 3.18 0.00	46.44 2.96 0.00
RENSSELAER___COGEN 23796	44.73 0.75 0.00	43.68 0.81 0.00	41.41 0.81 0.00	41.02 0.80 0.00	42.69 0.76 0.00	47.02 0.70 0.00	57.92 0.91 0.00	65.47 0.97 0.00	53.95 0.74 0.00	45.83 0.72 0.00	42.97 0.64 0.00	40.41 0.75 0.00	40.22 0.67 0.00	41.28 0.61 0.00	41.73 0.66 0.00	42.82 0.47 0.00	49.27 0.34 0.00	62.39 0.37 0.00	74.54 0.45 0.00	63.19 0.32 0.00	56.05 0.39 0.00	50.07 0.45 0.00	46.47 0.41 0.00	44.04 0.56 0.00
REPUBLIC_115KV_BARTNBRK 55605	49.79 5.81 0.00	48.53 5.66 0.00	45.79 5.20 0.00	45.40 5.19 0.00	47.34 5.41 0.00	51.32 5.00 0.00	63.51 6.50 0.00	71.73 7.22 0.00	58.63 5.43 0.00	49.53 4.42 0.00	45.89 3.56 0.00	42.95 3.29 0.00	42.56 3.01 0.00	43.97 3.29 0.00	44.48 3.41 0.00	46.17 3.81 0.00	53.87 4.94 0.00	68.96 6.95 0.00	82.98 8.89 0.00	69.79 6.92 0.00	61.72 6.07 0.00	55.04 5.41 0.00	50.84 4.79 0.00	49.31 5.83 0.00
REVERE_CPFR_DRP 24186	45.39 1.41 0.00	44.24 1.37 0.00	41.81 1.22 0.00	41.46 1.25 0.00	43.23 1.30 0.00	48.13 1.81 0.00	59.51 2.51 0.00	68.12 3.61 0.00	55.97 2.77 0.00	46.87 1.76 0.00	44.11 1.78 0.00	41.21 1.55 0.00	41.29 1.74 0.00	42.71 2.03 0.00	43.08 2.01 0.00	44.43 2.08 0.00	50.93 2.01 0.00	64.81 2.79 0.00	77.65 3.56 0.00	65.83 2.95 0.00	57.88 2.23 0.00	51.47 1.84 0.00	47.80 1.75 0.00	45.05 1.57 0.00
REYNOLDS_115KV_TB3 80639	45.30 1.32 0.00	44.24 1.37 0.00	41.90 1.30 0.00	41.50 1.29 0.00	43.27 1.34 0.00	47.66 1.34 0.00	58.43 1.43 0.00	66.12 1.61 0.00	54.64 1.44 0.00	46.51 1.40 0.00	43.52 1.19 0.00	40.89 1.23 0.00	40.66 1.11 0.00	41.77 1.10 0.00	42.22 1.15 0.00	43.50 1.14 0.00	50.15 1.22 0.00	63.44 1.43 0.00	75.72 1.63 0.00	64.26 1.38 0.00	57.10 1.45 0.00	50.97 1.34 0.00	47.25 1.20 0.00	44.65 1.17 0.00
RIVERBAY____ 323610	46.49 2.51 0.00	45.36 2.49 0.00	42.95 2.35 0.00	42.58 2.37 0.00	44.32 2.39 0.00	48.73 2.41 0.00	60.54 3.53 0.00	67.54 3.03 0.00	55.81 2.61 0.00	47.64 2.53 0.00	44.75 2.41 0.00	42.00 2.34 0.00	41.57 2.02 0.00	42.58 1.91 0.00	43.08 2.01 0.00	44.60 2.24 0.00	51.42 2.50 0.00	64.93 2.91 0.00	77.65 3.56 0.00	65.83 2.95 0.00	58.60 2.95 0.00	52.11 2.48 0.00	48.63 2.58 0.00	45.84 2.35 -0.01
RIVERSDE_115KV_TB3 55908	44.99 1.01 0.00	43.90 1.03 0.00	41.65 1.06 0.00	41.22 1.01 0.00	42.94 1.01 0.00	47.34 1.02 0.00	58.15 1.14 0.00	65.79 1.29 0.00	54.32 1.12 0.00	46.19 1.08 0.00	43.27 0.93 0.00	40.69 1.03 0.00	40.46 0.91 0.00	41.57 0.89 0.00	42.02 0.94 0.00	43.12 0.76 0.00	49.66 0.73 0.00	62.88 0.87 0.00	75.13 1.04 0.00	63.69 0.82 0.00	56.54 0.89 0.00	50.47 0.84 0.00	46.84 0.78 0.00	44.39 0.91 0.00
ROARING___BROOK_WT_PWR 323790	43.81 -0.18 0.00	42.70 -0.17 0.00	40.44 -0.16 0.00	40.01 -0.20 0.00	41.76 -0.17 0.00	46.18 -0.14 0.00	56.89 -0.11 0.00	64.44 -0.06 0.00	53.21 0.00 0.00	45.07 -0.05 0.00	42.34 0.00 0.00	39.62 -0.04 0.00	39.55 0.00 0.00	40.63 -0.04 0.00	41.03 -0.04 0.00	42.36 0.00 0.00	49.02 0.10 0.00	62.20 0.19 0.00	74.24 0.15 0.00	62.94 0.06 0.00	55.71 0.06 0.00	49.68 0.05 0.00	46.10 0.05 0.00	43.48 0.00 0.00

ROCHESRG_115KV_T4 355643	41.52 -2.46 0.00	40.47 -2.40 0.00	38.36 -2.23 0.00	38.00 -2.21 0.00	39.67 -2.26 0.00	44.24 -2.08 0.00	54.04 -2.96 0.00	61.34 -3.16 0.00	50.60 -2.61 0.00	43.04 -2.08 0.00	40.52 -1.82 0.00	37.96 -1.71 0.00	37.85 -1.70 0.00	39.09 -1.59 0.00	39.30 -1.77 0.00	40.49 -1.86 0.00	46.33 -2.59 0.00	58.98 -3.04 0.00	70.39 -3.70 0.00	59.67 -3.21 0.00	52.37 -3.28 0.00	46.70 -2.93 0.00	43.47 -2.58 0.00	41.05 -2.43 0.00
ROCHESTER_9_IC 23652	41.78 -2.20 0.00	40.68 -2.19 0.00	38.61 -1.99 0.00	38.20 -2.01 0.00	39.92 -2.01 0.00	44.51 -1.81 0.00	54.38 -2.62 0.00	61.80 -2.71 0.00	50.92 -2.29 0.00	43.31 -1.80 0.00	40.77 -1.57 0.00	38.15 -1.51 0.00	38.09 -1.46 0.00	39.33 -1.34 0.00	39.59 -1.48 0.00	40.75 -1.61 0.00	46.62 -2.30 0.00	59.41 -2.60 0.00	70.90 -3.19 0.00	60.11 -2.77 0.00	52.70 -2.95 0.00	47.00 -2.63 0.00	43.75 -2.30 0.00	41.31 -2.17 0.00
ROCKVIEW_13_KV_LD 356306	45.79 1.80 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.61 1.68 0.00	47.94 1.62 0.00	59.57 2.57 0.00	67.15 2.64 0.00	55.71 2.50 0.00	47.41 2.30 0.00	44.50 2.16 0.00	41.76 2.10 0.00	41.33 1.78 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.39 2.03 0.00	51.22 2.30 0.00	64.62 2.60 0.00	77.35 3.26 0.00	65.64 2.77 0.00	58.32 2.67 0.00	51.96 2.33 0.00	48.03 1.98 0.00	45.18 1.70 0.00
ROME____115KV_TB2 80656	45.39 1.41 0.00	44.24 1.37 0.00	41.81 1.22 0.00	41.46 1.25 0.00	43.23 1.30 0.00	48.13 1.81 0.00	59.51 2.51 0.00	68.12 3.61 0.00	55.97 2.77 0.00	46.87 1.76 0.00	44.11 1.78 0.00	41.21 1.55 0.00	41.29 1.74 0.00	42.71 2.03 0.00	43.08 2.01 0.00	44.43 2.08 0.00	50.93 2.01 0.00	64.81 2.79 0.00	77.65 3.56 0.00	65.83 2.95 0.00	57.88 2.23 0.00	51.47 1.84 0.00	47.80 1.75 0.00	45.05 1.57 0.00
ROSETON___1 23587	45.35 1.36 0.00	44.20 1.33 0.00	41.86 1.26 0.00	41.50 1.29 0.00	43.23 1.30 0.00	47.57 1.25 0.00	58.83 1.82 0.00	66.44 1.93 0.00	54.80 1.59 0.00	46.69 1.58 0.00	43.82 1.48 0.00	41.13 1.47 0.00	40.82 1.27 0.00	41.85 1.18 0.00	42.30 1.23 0.00	43.75 1.40 0.00	50.44 1.52 0.00	63.82 1.80 0.00	76.24 2.15 0.00	64.70 1.82 0.00	57.49 1.83 0.00	51.26 1.64 0.00	47.43 1.38 0.00	44.61 1.13 0.00
ROSETON___2 23588	45.35 1.36 0.00	44.20 1.33 0.00	41.86 1.26 0.00	41.50 1.29 0.00	43.23 1.30 0.00	47.57 1.25 0.00	58.83 1.82 0.00	66.44 1.93 0.00	54.80 1.59 0.00	46.69 1.58 0.00	43.82 1.48 0.00	41.13 1.47 0.00	40.82 1.27 0.00	41.85 1.18 0.00	42.30 1.23 0.00	43.75 1.40 0.00	50.44 1.52 0.00	63.82 1.80 0.00	76.24 2.15 0.00	64.70 1.82 0.00	57.49 1.83 0.00	51.26 1.64 0.00	47.43 1.38 0.00	44.61 1.13 0.00
ROTRRDAM_115KV_TB3 80664	45.17 1.19 0.00	44.03 1.16 0.00	41.65 1.06 0.00	41.30 1.09 0.00	43.06 1.13 0.00	47.48 1.16 0.00	58.43 1.43 0.00	66.05 1.55 0.00	54.48 1.28 0.00	46.24 1.13 0.00	43.31 0.97 0.00	40.57 0.91 0.00	40.42 0.87 0.00	41.57 0.89 0.00	42.02 0.94 0.00	43.33 0.97 0.00	50.10 1.17 0.00	63.57 1.55 0.00	75.94 1.85 0.00	64.38 1.51 0.00	57.10 1.45 0.00	50.92 1.29 0.00	47.16 1.11 0.00	44.57 1.09 0.00
RUSSELL___1 23602	42.00 -1.98 0.00	40.90 -1.97 0.00	38.77 -1.83 0.00	38.40 -1.81 0.00	40.09 -1.84 0.00	44.75 -1.57 0.00	54.67 -2.34 0.00	62.12 -2.39 0.00	51.24 -1.97 0.00	43.58 -1.53 0.00	40.98 -1.35 0.00	38.39 -1.27 0.00	38.29 -1.27 0.00	39.57 -1.10 0.00	39.80 -1.27 0.00	40.96 -1.40 0.00	46.92 -2.01 0.00	59.78 -2.23 0.00	71.42 -2.67 0.00	60.48 -2.39 0.00	53.04 -2.62 0.00	47.30 -2.33 0.00	44.03 -2.03 0.00	41.52 -1.96 0.00
RUSSELL___2 23532	42.00 -1.98 0.00	40.90 -1.97 0.00	38.77 -1.83 0.00	38.40 -1.81 0.00	40.09 -1.84 0.00	44.75 -1.57 0.00	54.67 -2.34 0.00	62.12 -2.39 0.00	51.24 -1.97 0.00	43.58 -1.53 0.00	40.98 -1.35 0.00	38.39 -1.27 0.00	38.29 -1.27 0.00	39.57 -1.10 0.00	39.80 -1.27 0.00	40.96 -1.40 0.00	46.92 -2.01 0.00	59.78 -2.23 0.00	71.42 -2.67 0.00	60.48 -2.39 0.00	53.04 -2.62 0.00	47.30 -2.33 0.00	44.03 -2.03 0.00	41.52 -1.96 0.00
RUSSELL___3 23549	42.00 -1.98 0.00	40.90 -1.97 0.00	38.77 -1.83 0.00	38.40 -1.81 0.00	40.09 -1.84 0.00	44.75 -1.57 0.00	54.67 -2.34 0.00	62.12 -2.39 0.00	51.24 -1.97 0.00	43.58 -1.53 0.00	40.98 -1.35 0.00	38.39 -1.27 0.00	38.29 -1.27 0.00	39.57 -1.10 0.00	39.80 -1.27 0.00	40.96 -1.40 0.00	46.92 -2.01 0.00	59.78 -2.23 0.00	71.42 -2.67 0.00	60.48 -2.39 0.00	53.04 -2.62 0.00	47.30 -2.33 0.00	44.03 -2.03 0.00	41.52 -1.96 0.00
RUSSELL___4 23556	42.00 -1.98 0.00	40.90 -1.97 0.00	38.77 -1.83 0.00	38.40 -1.81 0.00	40.09 -1.84 0.00	44.75 -1.57 0.00	54.67 -2.34 0.00	62.12 -2.39 0.00	51.24 -1.97 0.00	43.58 -1.53 0.00	40.98 -1.35 0.00	38.39 -1.27 0.00	38.29 -1.27 0.00	39.57 -1.10 0.00	39.80 -1.27 0.00	40.96 -1.40 0.00	46.92 -2.01 0.00	59.78 -2.23 0.00	71.42 -2.67 0.00	60.48 -2.39 0.00	53.04 -2.62 0.00	47.30 -2.33 0.00	44.03 -2.03 0.00	41.52 -1.96 0.00
RUSSELL___STATION 23914	42.00 -1.98 0.00	40.90 -1.97 0.00	38.77 -1.83 0.00	38.40 -1.81 0.00	40.09 -1.84 0.00	44.75 -1.57 0.00	54.67 -2.34 0.00	62.12 -2.39 0.00	51.24 -1.97 0.00	43.58 -1.53 0.00	40.98 -1.35 0.00	38.39 -1.27 0.00	38.29 -1.27 0.00	39.57 -1.10 0.00	39.80 -1.27 0.00	40.96 -1.40 0.00	46.92 -2.01 0.00	59.78 -2.23 0.00	71.42 -2.67 0.00	60.48 -2.39 0.00	53.04 -2.62 0.00	47.30 -2.33 0.00	44.03 -2.03 0.00	41.52 -1.96 0.00
S SALMON___HYD 24043	45.43 1.45 0.00	44.20 1.33 0.00	41.78 1.18 0.00	41.42 1.21 0.00	43.19 1.26 0.00	48.03 1.71 0.00	59.34 2.34 0.00	67.47 2.97 0.00	55.39 2.18 0.00	46.28 1.17 0.00	43.94 1.61 0.00	40.93 1.27 0.00	41.06 1.50 0.00	42.54 1.87 0.00	42.92 1.85 0.00	44.35 1.99 0.00	49.46 0.54 0.00	62.82 0.80 0.00	75.20 1.11 0.00	63.75 0.88 0.00	56.10 0.44 0.00	50.07 0.45 0.00	46.51 0.46 0.00	43.83 0.35 0.00
S.PERRY___115KV_TB1 80734	43.41 -0.57 0.00	42.27 -0.60 0.00	40.11 -0.49 0.00	39.73 -0.48 0.00	41.55 -0.38 0.00	46.55 0.23 0.00	57.06 0.06 0.00	64.76 0.26 0.00	52.99 -0.21 0.00	44.80 -0.32 0.00	42.08 -0.25 0.00	39.34 -0.32 0.00	39.32 -0.24 0.00	40.71 0.04 0.00	41.03 -0.04 0.00	42.44 0.08 0.00	48.92 0.00 0.00	62.64 0.62 0.00	74.83 0.74 0.00	63.38 0.50 0.00	55.32 -0.33 0.00	49.18 -0.45 0.00	45.73 -0.32 0.00	43.13 -0.35 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.86 -3.12 0.00	39.87 -3.00 0.00	37.88 -2.72 0.00	37.44 -2.77 0.00	39.08 -2.85 0.00	43.77 -2.55 0.00	53.19 -3.82 0.00	59.92 -4.58 0.00	49.48 -3.72 0.00	42.36 -2.75 0.00	40.05 -2.29 0.00	37.56 -2.10 0.00	37.46 -2.10 0.00	38.68 -1.99 0.00	38.77 -2.30 0.00	39.94 -2.41 0.00	45.21 -3.72 0.00	57.55 -4.47 0.00	68.83 -5.26 0.00	58.22 -4.65 0.00	50.81 -4.84 0.00	45.46 -4.17 0.00	42.51 -3.55 0.00	40.31 -3.17 0.00

SAWYER___23_KV_LOAD 55526	40.86 -3.12 0.00	39.87 -3.00 0.00	37.88 -2.72 0.00	37.44 -2.77 0.00	39.08 -2.85 0.00	43.77 -2.55 0.00	53.19 -3.82 0.00	59.92 -4.58 0.00	49.48 -3.72 0.00	42.36 -2.75 0.00	40.05 -2.29 0.00	37.56 -2.10 0.00	37.46 -2.10 0.00	38.68 -1.99 0.00	38.77 -2.30 0.00	39.94 -2.41 0.00	45.21 -3.72 0.00	57.55 -4.47 0.00	68.83 -5.26 0.00	58.22 -4.65 0.00	50.81 -4.84 0.00	45.46 -4.17 0.00	42.51 -3.55 0.00	40.31 -3.17 0.00
SELKIRK___I 23801	45.12 1.14 0.00	44.03 1.16 0.00	41.73 1.14 0.00	41.34 1.12 0.00	43.06 1.13 0.00	47.48 1.16 0.00	58.37 1.37 0.00	65.92 1.42 0.00	54.27 1.06 0.00	46.06 0.95 0.00	43.14 0.80 0.00	40.49 0.83 0.00	40.34 0.79 0.00	41.44 0.77 0.00	41.89 0.82 0.00	43.12 0.76 0.00	49.76 0.83 0.00	63.13 1.12 0.00	75.49 1.40 0.00	63.94 1.07 0.00	56.71 1.05 0.00	50.67 1.04 0.00	46.97 0.92 0.00	44.48 1.00 0.00
SELKIRK___II 23799	44.86 0.88 0.00	43.77 0.90 0.00	41.45 0.85 0.00	41.06 0.85 0.00	42.77 0.84 0.00	47.15 0.83 0.00	58.03 1.03 0.00	65.67 1.16 0.00	54.11 0.90 0.00	45.93 0.81 0.00	43.06 0.72 0.00	40.45 0.79 0.00	40.27 0.71 0.00	41.36 0.69 0.00	41.81 0.74 0.00	42.99 0.64 0.00	49.56 0.63 0.00	62.76 0.75 0.00	74.98 0.89 0.00	63.57 0.69 0.00	56.37 0.72 0.00	50.32 0.69 0.00	46.70 0.64 0.00	44.17 0.69 0.00
SENECA OSWGO___HYD 24041	43.85 -0.13 0.00	42.70 -0.17 0.00	40.44 -0.16 0.00	40.09 -0.12 0.00	41.85 -0.08 0.00	46.51 0.19 0.00	57.35 0.34 0.00	65.08 0.58 0.00	53.58 0.38 0.00	45.25 0.14 0.00	42.59 0.26 0.00	39.74 0.08 0.00	39.71 0.16 0.00	40.92 0.25 0.00	41.32 0.25 0.00	42.61 0.26 0.00	48.88 -0.05 0.00	62.08 0.06 0.00	74.31 0.22 0.00	63.00 0.13 0.00	55.54 -0.11 0.00	49.48 -0.15 0.00	45.92 -0.14 0.00	43.31 -0.17 0.00
SENECA___115KV_TB3 355854	41.65 -2.33 0.00	40.68 -2.19 0.00	38.61 -1.99 0.00	38.20 -2.01 0.00	39.88 -2.05 0.00	44.65 -1.67 0.00	54.38 -2.62 0.00	61.15 -3.35 0.00	50.44 -2.77 0.00	43.13 -1.98 0.00	40.81 -1.52 0.00	38.23 -1.43 0.00	38.13 -1.42 0.00	39.37 -1.30 0.00	39.47 -1.60 0.00	40.71 -1.65 0.00	46.09 -2.84 0.00	58.73 -3.29 0.00	70.31 -3.78 0.00	59.48 -3.40 0.00	51.76 -3.90 0.00	46.30 -3.33 0.00	43.34 -2.72 0.00	41.13 -2.35 0.00
SENECA___ENERGY 23797	42.88 -1.10 0.00	41.80 -1.07 0.00	39.62 -0.97 0.00	39.29 -0.92 0.00	41.01 -0.92 0.00	45.72 -0.60 0.00	56.15 -0.85 0.00	63.66 -0.84 0.00	52.62 -0.58 0.00	44.52 -0.59 0.00	41.79 -0.55 0.00	39.02 -0.64 0.00	38.92 -0.63 0.00	40.10 -0.57 0.00	40.46 -0.61 0.00	41.72 -0.63 0.00	48.14 -0.78 0.00	61.09 -0.93 0.00	73.05 -1.04 0.00	61.93 -0.94 0.00	54.65 -1.00 0.00	48.58 -1.04 0.00	45.08 -0.97 0.00	42.65 -0.83 0.00
SHOEMAKER___GT 23640	45.17 1.19 0.00	43.98 1.11 0.00	41.69 1.10 0.00	41.30 1.09 0.00	43.02 1.09 0.00	47.39 1.07 0.00	58.66 1.65 0.00	66.18 1.67 0.00	54.59 1.38 0.00	46.37 1.26 0.00	43.48 1.14 0.00	40.77 1.11 0.00	40.50 0.95 0.00	41.57 0.89 0.00	42.02 0.95 0.00	43.46 1.10 0.00	50.19 1.27 0.00	63.57 1.55 0.00	76.01 1.92 0.00	64.50 1.63 0.00	57.21 1.56 0.00	51.02 1.39 0.00	47.25 1.20 0.00	44.48 1.00 0.00
SHOEMAKR_138KV_BK 111 55601	45.13 1.14 0.00	43.99 1.11 0.00	41.65 1.06 0.00	41.26 1.05 0.00	43.02 1.09 0.00	47.34 1.02 0.00	58.60 1.60 0.00	66.05 1.55 0.00	54.64 1.44 0.00	46.42 1.31 0.00	43.52 1.19 0.00	40.77 1.11 0.00	40.50 0.95 0.00	41.57 0.89 0.00	42.02 0.94 0.00	43.46 1.10 0.00	50.20 1.27 0.00	63.50 1.49 0.00	75.94 1.85 0.00	64.44 1.57 0.00	57.21 1.56 0.00	51.02 1.39 0.00	47.20 1.15 0.00	44.48 1.00 0.00
SHOREHAM_IC_1 23715	46.44 2.46 0.00	45.23 2.36 0.00	42.71 2.11 0.00	42.42 2.21 0.00	44.53 2.60 0.00	48.50 2.18 0.00	60.03 3.02 0.00	67.73 3.22 0.00	57.72 3.67 -0.85	47.68 2.57 0.00	44.83 2.50 0.00	42.04 2.38 0.00	41.49 1.94 0.00	42.75 2.07 0.00	43.37 2.30 0.00	46.31 2.88 -1.07	55.06 3.33 -2.81	66.29 4.28 0.00	79.20 5.11 0.00	66.39 3.52 0.00	61.21 3.95 -1.61	57.44 3.42 -4.39	49.55 2.81 -0.69	45.89 2.30 -0.10
SHOREHAM_IC_2 23716	46.44 2.46 0.00	45.23 2.36 0.00	42.71 2.11 0.00	42.42 2.21 0.00	44.53 2.60 0.00	48.50 2.18 0.00	60.03 3.02 0.00	67.73 3.22 0.00	57.72 3.67 -0.85	47.68 2.57 0.00	44.83 2.50 0.00	42.04 2.38 0.00	41.49 1.94 0.00	42.75 2.07 0.00	43.37 2.30 0.00	46.31 2.88 -1.07	55.06 3.33 -2.81	66.29 4.28 0.00	79.20 5.11 0.00	66.39 3.52 0.00	61.21 3.95 -1.61	57.44 3.42 -4.39	49.55 2.81 -0.69	45.89 2.30 -0.10
SISSONVILLE____ 23735	45.52 1.54 0.00	44.33 1.46 0.00	41.94 1.34 0.00	41.54 1.33 0.00	43.10 1.17 0.00	47.39 1.07 0.00	58.15 1.14 0.00	65.67 1.16 0.00	53.90 0.69 0.00	45.25 0.14 0.00	42.68 0.34 0.00	40.06 0.40 0.00	40.42 0.87 0.00	41.81 1.14 0.00	42.26 1.19 0.00	43.59 1.23 0.00	50.34 1.42 0.00	63.57 1.55 0.00	75.65 1.56 0.00	64.32 1.45 0.00	56.99 1.34 0.00	51.12 1.49 0.00	47.80 1.75 0.00	45.18 1.70 0.00
SITHE_IND_GS1 24169	42.14 -1.85 0.00	41.07 -1.80 0.00	38.89 -1.70 0.00	38.52 -1.69 0.00	40.17 -1.76 0.00	44.51 -1.81 0.00	54.72 -2.28 0.00	61.99 -2.52 0.00	51.18 -2.02 0.00	43.40 -1.71 0.00	40.73 -1.61 0.00	38.11 -1.55 0.00	38.01 -1.54 0.00	39.13 -1.55 0.00	39.47 -1.60 0.00	40.71 -1.65 0.00	46.97 -1.96 0.00	59.53 -2.48 0.00	71.20 -2.89 0.00	60.36 -2.52 0.00	53.37 -2.28 0.00	47.59 -2.04 0.00	44.16 -1.89 0.00	41.74 -1.74 0.00
SITHE_IND_GS2 24170	42.14 -1.85 0.00	41.07 -1.80 0.00	38.89 -1.70 0.00	38.52 -1.69 0.00	40.17 -1.76 0.00	44.51 -1.81 0.00	54.72 -2.28 0.00	61.99 -2.52 0.00	51.18 -2.02 0.00	43.40 -1.71 0.00	40.73 -1.61 0.00	38.11 -1.55 0.00	38.01 -1.54 0.00	39.13 -1.55 0.00	39.47 -1.60 0.00	40.71 -1.65 0.00	46.97 -1.96 0.00	59.53 -2.48 0.00	71.20 -2.89 0.00	60.36 -2.52 0.00	53.37 -2.28 0.00	47.59 -2.04 0.00	44.16 -1.89 0.00	41.74 -1.74 0.00
SITHE_IND_GS3 24171	42.14 -1.85 0.00	41.07 -1.80 0.00	38.89 -1.70 0.00	38.52 -1.69 0.00	40.17 -1.76 0.00	44.51 -1.81 0.00	54.72 -2.28 0.00	61.99 -2.52 0.00	51.18 -2.02 0.00	43.40 -1.71 0.00	40.73 -1.61 0.00	38.11 -1.55 0.00	38.01 -1.54 0.00	39.13 -1.55 0.00	39.47 -1.60 0.00	40.71 -1.65 0.00	46.97 -1.96 0.00	59.53 -2.48 0.00	71.20 -2.89 0.00	60.36 -2.52 0.00	53.37 -2.28 0.00	47.59 -2.04 0.00	44.16 -1.89 0.00	41.74 -1.74 0.00
SITHE_IND_GS4 24172	42.14 -1.85 0.00	41.07 -1.80 0.00	38.89 -1.70 0.00	38.52 -1.69 0.00	40.17 -1.76 0.00	44.51 -1.81 0.00	54.72 -2.28 0.00	61.99 -2.52 0.00	51.18 -2.02 0.00	43.40 -1.71 0.00	40.73 -1.61 0.00	38.11 -1.55 0.00	38.01 -1.54 0.00	39.13 -1.55 0.00	39.47 -1.60 0.00	40.71 -1.65 0.00	46.97 -1.96 0.00	59.53 -2.48 0.00	71.20 -2.89 0.00	60.36 -2.52 0.00	53.37 -2.28 0.00	47.59 -2.04 0.00	44.16 -1.89 0.00	41.74 -1.74 0.00

SITHE___BATAVIA 24024	41.65 -2.33 0.00	40.73 -2.14 0.00	38.65 -1.95 0.00	38.24 -1.97 0.00	40.00 -1.93 0.00	44.79 -1.53 0.00	54.56 -2.45 0.00	61.86 -2.65 0.00	51.50 -1.70 0.00	43.71 -1.40 0.00	40.98 -1.36 0.00	38.27 -1.39 0.00	38.17 -1.39 0.00	39.49 -1.18 0.00	39.72 -1.35 0.00	40.84 -1.52 0.00	46.63 -2.30 0.00	59.47 -2.55 0.00	70.98 -3.11 0.00	60.23 -2.64 0.00	52.87 -2.78 0.00	47.05 -2.58 0.00	43.84 -2.21 0.00	41.78 -1.70 0.00
SITHE___INDEPEND 23800	42.13 -1.85 0.00	41.07 -1.80 0.00	38.89 -1.71 0.00	38.52 -1.69 0.00	40.17 -1.76 0.00	44.51 -1.81 0.00	54.73 -2.28 0.00	61.99 -2.52 0.00	51.08 -2.13 0.00	43.35 -1.76 0.00	40.73 -1.61 0.00	38.11 -1.55 0.00	38.01 -1.54 0.00	39.13 -1.55 0.00	39.47 -1.60 0.00	40.71 -1.65 0.00	46.92 -2.01 0.00	59.53 -2.48 0.00	71.13 -2.96 0.00	60.36 -2.51 0.00	53.32 -2.34 0.00	47.54 -2.08 0.00	44.17 -1.89 0.00	41.65 -1.83 0.00
SITHE___MASSENA 23902	45.35 1.36 0.00	44.16 1.28 0.00	41.81 1.22 0.00	41.38 1.17 0.00	43.10 1.17 0.00	47.52 1.20 0.00	58.43 1.43 0.00	65.92 1.42 0.00	54.32 1.12 0.00	45.79 0.68 0.00	43.06 0.72 0.00	40.33 0.67 0.00	40.38 0.83 0.00	41.61 0.94 0.00	42.02 0.95 0.00	43.37 1.01 0.00	50.19 1.27 0.00	63.63 1.61 0.00	75.87 1.78 0.00	64.50 1.63 0.00	57.10 1.44 0.00	51.02 1.39 0.00	47.48 1.43 0.00	44.91 1.43 0.00
SITHE___OGDNSBRG 24021	46.09 2.11 0.00	44.89 2.01 0.00	42.46 1.87 0.00	42.06 1.85 0.00	43.73 1.80 0.00	48.31 1.99 0.00	59.40 2.39 0.00	67.15 2.64 0.00	55.07 1.86 0.00	46.15 1.04 0.00	43.44 1.10 0.00	40.65 0.99 0.00	40.86 1.31 0.00	42.22 1.55 0.00	42.67 1.60 0.00	44.05 1.69 0.00	51.08 2.15 0.00	64.74 2.73 0.00	77.28 3.19 0.00	65.70 2.83 0.00	58.10 2.45 0.00	51.91 2.28 0.00	48.40 2.35 0.00	45.78 2.30 0.00
SITHE___STERLING 23777	44.91 0.93 0.00	43.77 0.90 0.00	41.45 0.85 0.00	41.09 0.88 0.00	42.85 0.92 0.00	47.66 1.34 0.00	58.83 1.82 0.00	67.60 3.10 0.00	55.60 2.40 0.00	46.65 1.53 0.00	43.86 1.52 0.00	40.93 1.27 0.00	40.97 1.42 0.00	42.30 1.63 0.00	42.71 1.64 0.00	44.01 1.65 0.00	50.34 1.42 0.00	63.94 1.92 0.00	76.53 2.44 0.00	64.88 2.01 0.00	57.21 1.56 0.00	50.87 1.24 0.00	47.21 1.15 0.00	44.52 1.04 0.00
SLEIGHT__34_KV_TB1 80719	42.22 -1.76 0.00	41.11 -1.76 0.00	38.97 -1.62 0.00	38.60 -1.61 0.00	40.34 -1.59 0.00	44.98 -1.34 0.00	55.13 -1.88 0.00	62.63 -1.87 0.00	51.61 -1.60 0.00	43.76 -1.35 0.00	41.15 -1.19 0.00	38.47 -1.19 0.00	38.41 -1.15 0.00	39.62 -1.06 0.00	39.92 -1.15 0.00	41.09 -1.27 0.00	47.26 -1.66 0.00	60.16 -1.86 0.00	71.87 -2.22 0.00	60.92 -1.95 0.00	53.54 -2.11 0.00	47.69 -1.94 0.00	44.35 -1.70 0.00	41.78 -1.70 0.00
SOUTH CAIRO___GT 23612	46.58 2.59 0.00	45.40 2.53 0.00	43.11 2.52 0.00	42.66 2.45 0.00	44.45 2.52 0.00	49.01 2.69 0.00	60.77 3.76 0.00	68.31 3.81 0.00	56.08 2.87 0.00	47.01 1.89 0.00	43.61 1.27 0.00	40.77 1.11 0.00	40.62 1.07 0.00	41.77 1.10 0.00	42.30 1.23 0.00	43.76 1.40 0.00	51.13 2.20 0.00	65.12 3.10 0.00	77.94 3.85 0.00	65.89 3.02 0.00	58.38 2.73 0.00	52.21 2.58 0.00	48.36 2.30 0.00	45.96 2.48 0.00
SOUTH HAMPTN___IC 23720	46.58 2.59 0.00	45.36 2.49 0.00	42.83 2.23 0.00	42.50 2.29 0.00	44.57 2.64 0.00	48.64 2.32 0.00	60.25 3.25 0.00	67.92 3.42 0.00	57.88 3.83 -0.85	47.77 2.66 0.00	44.83 2.50 0.00	42.04 2.38 0.00	41.45 1.90 0.00	42.67 1.99 0.00	43.29 2.22 0.00	46.26 2.84 -1.07	54.96 3.23 -2.81	66.23 4.22 0.00	79.35 5.26 0.00	66.84 3.96 0.00	61.55 4.29 -1.61	57.79 3.77 -4.39	49.88 3.13 -0.69	46.28 2.70 -0.10
SOUTHDOW_115KV_TB1 355954	43.72 -0.26 0.00	42.74 -0.13 0.00	40.60 0.00 0.00	40.17 -0.04 0.00	41.93 0.00 0.00	47.11 0.79 0.00	57.75 0.74 0.00	64.76 0.26 0.00	53.31 0.11 0.00	45.47 0.36 0.00	43.01 0.68 0.00	40.30 0.63 0.00	40.15 0.59 0.00	41.40 0.73 0.00	41.44 0.37 0.00	42.78 0.42 0.00	48.39 -0.54 0.00	61.89 -0.12 0.00	74.16 0.07 0.00	62.50 -0.38 0.00	54.09 -1.56 0.00	48.29 -1.34 0.00	45.22 -0.83 0.00	42.96 -0.52 0.00
SOUTHOLD_69_KV_BK 2 55809	46.84 2.86 0.00	45.61 2.74 0.00	42.71 2.11 0.00	42.42 2.21 0.00	44.45 2.52 0.00	48.54 2.22 0.00	60.20 3.19 0.00	67.73 3.23 0.00	57.94 3.88 -0.85	47.73 2.62 0.00	44.58 2.24 0.00	41.68 2.02 0.00	41.13 1.58 0.00	42.26 1.59 0.00	42.92 1.85 0.00	45.92 2.50 -1.07	54.67 2.94 -2.81	65.61 3.60 0.00	78.61 4.52 0.00	66.90 4.02 0.00	61.82 4.56 -1.61	58.09 4.07 -4.39	50.15 3.41 -0.69	46.84 3.26 -0.10
SOUTHOLD___IC 23719	46.62 2.64 0.00	45.31 2.44 0.00	42.75 2.15 0.00	42.46 2.25 0.00	44.49 2.56 0.00	48.59 2.27 0.00	60.25 3.25 0.00	67.86 3.35 0.00	57.88 3.83 -0.85	47.68 2.57 0.00	44.62 2.28 0.00	41.80 2.14 0.00	41.14 1.58 0.00	42.34 1.67 0.00	42.96 1.89 0.00	45.97 2.54 -1.07	54.62 2.89 -2.81	65.92 3.91 0.00	79.35 5.26 0.00	67.09 4.21 0.00	61.88 4.62 -1.61	58.14 4.12 -4.39	50.20 3.46 -0.69	46.67 3.09 -0.10
SOUTH_FORK_WT_PWR 323839	46.22 2.24 0.00	44.89 2.02 0.00	42.34 1.74 0.00	42.02 1.81 0.00	44.07 2.14 0.00	48.12 1.80 0.00	59.63 2.62 0.00	67.21 2.71 0.00	57.41 3.35 -0.85	47.28 2.17 0.00	44.11 1.78 0.00	41.33 1.67 0.00	40.66 1.11 0.00	41.81 1.14 0.00	42.38 1.31 0.00	45.37 1.95 -1.07	53.94 2.20 -2.81	64.99 2.98 0.00	78.54 4.45 0.00	66.58 3.71 0.00	61.55 4.29 -1.61	57.90 3.87 -4.39	50.02 3.27 -0.69	46.58 3.00 -0.10
SPIERFLS_115KV_TB 1 80737	47.98 4.00 0.00	46.82 3.94 0.00	44.21 3.61 0.00	43.79 3.58 0.00	45.70 3.77 0.00	49.10 2.78 0.00	60.48 3.48 0.00	68.31 3.81 0.00	56.13 2.93 0.00	47.64 2.53 0.00	44.20 1.86 0.00	41.37 1.71 0.00	41.13 1.58 0.00	42.34 1.67 0.00	42.80 1.72 0.00	44.35 1.99 0.00	51.47 2.54 0.00	65.61 3.60 0.00	78.76 4.67 0.00	66.46 3.58 0.00	58.83 3.17 0.00	52.56 2.93 0.00	48.68 2.63 0.00	47.44 3.96 0.00
ST LAWRENCE____ 23600	44.55 0.57 0.00	43.39 0.52 0.00	41.09 0.49 0.00	40.70 0.48 0.00	42.39 0.46 0.00	46.78 0.46 0.00	57.46 0.45 0.00	64.96 0.45 0.00	53.58 0.38 0.00	45.29 0.18 0.00	42.55 0.21 0.00	39.82 0.16 0.00	39.79 0.24 0.00	40.96 0.29 0.00	41.36 0.29 0.00	42.66 0.30 0.00	49.41 0.49 0.00	62.64 0.62 0.00	74.68 0.59 0.00	63.50 0.63 0.00	56.21 0.56 0.00	50.18 0.55 0.00	46.65 0.60 0.00	44.13 0.65 0.00
STATE_CA_115KV_115_LB 55624	44.95 0.97 0.00	43.86 0.99 0.00	41.61 1.01 0.00	41.22 1.01 0.00	42.89 0.96 0.00	47.29 0.97 0.00	58.20 1.20 0.00	65.79 1.29 0.00	54.32 1.12 0.00	46.15 1.04 0.00	43.27 0.93 0.00	40.69 1.03 0.00	40.46 0.91 0.00	41.57 0.89 0.00	42.02 0.94 0.00	43.08 0.72 0.00	49.61 0.68 0.00	62.82 0.81 0.00	75.05 0.96 0.00	63.63 0.75 0.00	56.49 0.83 0.00	50.42 0.79 0.00	46.79 0.74 0.00	44.39 0.91 0.00

STATE_ST_34_KV_LOAD 55959	43.37 -0.62 0.00	42.27 -0.60 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.39 -0.55 0.00	46.04 -0.28 0.00	56.72 -0.29 0.00	64.44 -0.06 0.00	53.05 -0.16 0.00	44.89 -0.23 0.00	42.17 -0.17 0.00	39.38 -0.28 0.00	39.32 -0.24 0.00	40.47 -0.20 0.00	40.82 -0.25 0.00	42.10 -0.25 0.00	48.58 -0.34 0.00	61.77 -0.25 0.00	73.87 -0.22 0.00	62.68 -0.19 0.00	55.21 -0.45 0.00	49.13 -0.50 0.00	45.59 -0.46 0.00	43.00 -0.48 0.00
STATION 5_MISC_HYD 23604	41.65 -2.33 0.00	40.69 -2.18 0.00	38.61 -1.99 0.00	38.20 -2.01 0.00	39.92 -2.01 0.00	44.51 -1.81 0.00	54.38 -2.62 0.00	61.80 -2.71 0.00	51.29 -1.91 0.00	43.58 -1.53 0.00	40.85 -1.48 0.00	38.19 -1.47 0.00	38.09 -1.46 0.00	39.33 -1.34 0.00	39.59 -1.48 0.00	40.71 -1.65 0.00	46.72 -2.20 0.00	59.41 -2.60 0.00	70.91 -3.18 0.00	60.17 -2.70 0.00	53.04 -2.61 0.00	47.15 -2.48 0.00	43.84 -2.21 0.00	41.61 -1.87 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.62 -1.36 0.00	41.50 -1.37 0.00	39.34 -1.26 0.00	39.00 -1.21 0.00	40.76 -1.17 0.00	45.49 -0.83 0.00	55.70 -1.31 0.00	63.21 -1.29 0.00	52.09 -1.12 0.00	44.16 -0.95 0.00	41.49 -0.85 0.00	38.83 -0.83 0.00	38.72 -0.83 0.00	39.98 -0.69 0.00	40.29 -0.78 0.00	41.51 -0.85 0.00	47.75 -1.17 0.00	60.78 -1.24 0.00	72.61 -1.48 0.00	61.49 -1.38 0.00	54.09 -1.56 0.00	48.14 -1.49 0.00	44.72 -1.34 0.00	42.22 -1.26 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.61 -2.38 0.00	40.56 -2.32 0.00	38.45 -2.15 0.00	38.08 -2.13 0.00	39.75 -2.18 0.00	44.37 -1.95 0.00	54.21 -2.79 0.00	61.60 -2.90 0.00	50.76 -2.45 0.00	43.17 -1.94 0.00	40.60 -1.74 0.00	38.03 -1.63 0.00	37.93 -1.62 0.00	39.17 -1.50 0.00	39.43 -1.64 0.00	40.58 -1.78 0.00	46.48 -2.45 0.00	59.22 -2.79 0.00	70.68 -3.41 0.00	59.92 -2.95 0.00	52.59 -3.06 0.00	46.90 -2.73 0.00	43.61 -2.44 0.00	41.18 -2.30 0.00
STA_56___34_KV_BUS2 355983	41.61 -2.38 0.00	40.56 -2.32 0.00	38.45 -2.15 0.00	38.08 -2.13 0.00	39.75 -2.18 0.00	44.37 -1.95 0.00	54.21 -2.79 0.00	61.60 -2.90 0.00	50.76 -2.45 0.00	43.17 -1.94 0.00	40.60 -1.74 0.00	38.03 -1.63 0.00	37.93 -1.62 0.00	39.17 -1.50 0.00	39.43 -1.64 0.00	40.58 -1.78 0.00	46.48 -2.45 0.00	59.22 -2.79 0.00	70.68 -3.41 0.00	59.92 -2.95 0.00	52.59 -3.06 0.00	46.90 -2.73 0.00	43.61 -2.44 0.00	41.18 -2.30 0.00
STA_67___115KV_BK2 355882	41.69 -2.29 0.00	40.60 -2.27 0.00	38.49 -2.11 0.00	38.12 -2.09 0.00	39.83 -2.10 0.00	44.42 -1.90 0.00	54.27 -2.74 0.00	61.60 -2.90 0.00	50.76 -2.45 0.00	43.22 -1.89 0.00	40.69 -1.65 0.00	38.07 -1.59 0.00	38.01 -1.54 0.00	39.21 -1.46 0.00	39.47 -1.60 0.00	40.62 -1.74 0.00	46.53 -2.40 0.00	59.22 -2.79 0.00	70.68 -3.41 0.00	59.92 -2.95 0.00	52.59 -3.06 0.00	46.90 -2.73 0.00	43.66 -2.39 0.00	41.22 -2.26 0.00
STA_7___115KV_9TRANS 80674	42.00 -1.98 0.00	40.90 -1.97 0.00	38.77 -1.83 0.00	38.40 -1.81 0.00	40.09 -1.84 0.00	44.75 -1.57 0.00	54.67 -2.34 0.00	62.12 -2.39 0.00	51.24 -1.97 0.00	43.58 -1.53 0.00	40.98 -1.35 0.00	38.39 -1.27 0.00	38.29 -1.27 0.00	39.57 -1.10 0.00	39.80 -1.27 0.00	40.96 -1.40 0.00	46.92 -2.01 0.00	59.78 -2.23 0.00	71.42 -2.67 0.00	60.48 -2.39 0.00	53.04 -2.62 0.00	47.30 -2.33 0.00	44.03 -2.03 0.00	41.52 -1.96 0.00
STA_82___115KV_TB1 80780	41.69 -2.29 0.00	40.60 -2.27 0.00	38.53 -2.07 0.00	38.12 -2.09 0.00	39.83 -2.10 0.00	44.42 -1.90 0.00	54.27 -2.74 0.00	61.60 -2.90 0.00	50.81 -2.39 0.00	43.22 -1.89 0.00	40.69 -1.65 0.00	38.07 -1.59 0.00	38.01 -1.54 0.00	39.25 -1.42 0.00	39.47 -1.60 0.00	40.62 -1.74 0.00	46.53 -2.40 0.00	59.22 -2.79 0.00	70.68 -3.41 0.00	59.92 -2.95 0.00	52.59 -3.06 0.00	46.90 -2.73 0.00	43.66 -2.39 0.00	41.22 -2.26 0.00
STEEL___WIND 323596	41.43 -2.55 0.00	40.60 -2.27 0.00	38.57 -2.03 0.00	38.12 -2.09 0.00	39.83 -2.10 0.00	44.61 -1.71 0.00	54.33 -2.68 0.00	61.15 -3.36 0.00	50.97 -2.23 0.00	43.44 -1.67 0.00	40.85 -1.48 0.00	38.19 -1.47 0.00	38.09 -1.46 0.00	39.33 -1.34 0.00	39.51 -1.56 0.00	40.66 -1.70 0.00	46.14 -2.79 0.00	58.73 -3.29 0.00	70.16 -3.93 0.00	59.54 -3.33 0.00	52.15 -3.50 0.00	46.45 -3.18 0.00	43.38 -2.67 0.00	41.52 -1.96 0.00
STEPHTWN_115KV_BK_2 55603	45.30 1.32 0.00	44.20 1.33 0.00	41.94 1.34 0.00	41.54 1.33 0.00	43.23 1.30 0.00	47.71 1.39 0.00	58.83 1.82 0.00	66.44 1.94 0.00	54.80 1.60 0.00	46.51 1.40 0.00	43.56 1.23 0.00	40.93 1.27 0.00	40.70 1.15 0.00	41.81 1.14 0.00	42.30 1.23 0.00	43.37 1.02 0.00	50.05 1.13 0.00	63.44 1.43 0.00	75.87 1.78 0.00	64.26 1.38 0.00	56.99 1.34 0.00	50.87 1.24 0.00	47.20 1.15 0.00	44.74 1.26 0.00
STEUBEN_REC_LFGE 323667	42.93 -1.06 0.00	41.84 -1.03 0.00	39.74 -0.85 0.00	39.37 -0.84 0.00	41.22 -0.71 0.00	46.04 -0.28 0.00	56.55 -0.46 0.00	63.99 -0.52 0.00	52.51 -0.69 0.00	44.66 -0.45 0.00	42.17 -0.17 0.00	39.50 -0.16 0.00	39.47 -0.08 0.00	40.75 0.08 0.00	41.07 0.00 0.00	42.49 0.13 0.00	48.83 -0.10 0.00	62.26 0.25 0.00	74.54 0.44 0.00	63.00 0.13 0.00	54.87 -0.78 0.00	48.79 -0.84 0.00	45.22 -0.83 0.00	42.65 -0.83 0.00
STILLWATER___SOLAR 323814	46.84 2.86 0.00	45.66 2.79 0.00	43.16 2.56 0.00	42.79 2.58 0.00	44.62 2.69 0.00	48.82 2.50 0.00	60.08 3.08 0.00	67.92 3.42 0.00	55.81 2.61 0.00	47.32 2.21 0.00	44.20 1.86 0.00	41.40 1.74 0.00	41.17 1.62 0.00	42.34 1.67 0.00	42.80 1.72 0.00	44.27 1.91 0.00	51.32 2.40 0.00	65.30 3.28 0.00	78.16 4.07 0.00	66.08 3.20 0.00	58.60 2.95 0.00	52.31 2.68 0.00	48.40 2.35 0.00	46.18 2.70 0.00
STONY___BROOK 24151	46.71 2.73 0.00	45.49 2.62 0.00	42.99 2.39 0.00	42.66 2.45 0.00	44.62 2.69 0.00	48.91 2.59 0.00	60.60 3.59 0.00	68.18 3.67 0.00	57.93 3.88 -0.85	47.91 2.80 0.00	45.09 2.75 0.00	42.28 2.62 0.00	41.77 2.21 0.00	42.99 2.32 0.00	43.62 2.55 0.00	46.52 3.09 -1.07	55.30 3.57 -2.81	66.54 4.52 0.00	79.28 5.18 0.00	66.96 4.08 0.00	61.49 4.23 -1.61	57.69 3.67 -4.39	49.92 3.18 -0.69	46.24 2.65 -0.10
STURGEON_POOL_HYD 23609	45.57 1.58 0.00	44.41 1.54 0.00	42.06 1.46 0.00	41.70 1.49 0.00	43.44 1.51 0.00	47.80 1.48 0.00	59.29 2.28 0.00	66.76 2.26 0.00	55.12 1.92 0.00	46.83 1.71 0.00	43.78 1.44 0.00	41.01 1.35 0.00	40.74 1.19 0.00	41.77 1.10 0.00	42.26 1.19 0.00	43.80 1.44 0.00	50.78 1.86 0.00	64.25 2.23 0.00	76.76 2.67 0.00	65.14 2.26 0.00	57.88 2.23 0.00	51.61 1.99 0.00	47.76 1.70 0.00	44.91 1.43 0.00
ST_LAW_115_BK7_LBMP 345037	44.60 0.62 0.00	43.47 0.60 0.00	41.12 0.53 0.00	40.73 0.52 0.00	42.44 0.50 0.00	46.83 0.51 0.00	57.52 0.51 0.00	65.02 0.51 0.00	53.63 0.42 0.00	45.29 0.18 0.00	42.55 0.21 0.00	39.86 0.20 0.00	39.83 0.28 0.00	41.00 0.32 0.00	41.40 0.33 0.00	42.74 0.38 0.00	49.46 0.54 0.00	62.70 0.68 0.00	74.76 0.67 0.00	63.57 0.69 0.00	56.27 0.61 0.00	50.27 0.64 0.00	46.70 0.64 0.00	44.17 0.69 0.00

ST_LAW_115_BK8_LBMP 345038	44.60 0.62 0.00	43.47 0.60 0.00	41.12 0.53 0.00	40.73 0.52 0.00	42.44 0.50 0.00	46.83 0.51 0.00	57.52 0.51 0.00	65.02 0.51 0.00	53.63 0.42 0.00	45.29 0.18 0.00	42.55 0.21 0.00	39.86 0.20 0.00	39.83 0.28 0.00	41.00 0.32 0.00	41.40 0.33 0.00	42.74 0.38 0.00	49.46 0.54 0.00	62.70 0.68 0.00	74.76 0.67 0.00	63.57 0.69 0.00	56.27 0.61 0.00	50.27 0.64 0.00	46.70 0.64 0.00	44.17 0.69 0.00
ST_LAW_230_BK5_LBMP 345035	44.55 0.57 0.00	43.39 0.52 0.00	41.09 0.49 0.00	40.70 0.48 0.00	42.39 0.46 0.00	46.78 0.46 0.00	57.46 0.45 0.00	64.96 0.45 0.00	53.58 0.38 0.00	45.29 0.18 0.00	42.55 0.21 0.00	39.82 0.16 0.00	39.79 0.24 0.00	40.96 0.29 0.00	41.36 0.29 0.00	42.66 0.30 0.00	49.41 0.49 0.00	62.64 0.62 0.00	74.68 0.59 0.00	63.50 0.63 0.00	56.21 0.56 0.00	50.18 0.55 0.00	46.65 0.60 0.00	44.13 0.65 0.00
ST_LAW_230_BK6_LBMP 345036	44.55 0.57 0.00	43.39 0.52 0.00	41.09 0.49 0.00	40.70 0.48 0.00	42.39 0.46 0.00	46.78 0.46 0.00	57.46 0.45 0.00	64.96 0.45 0.00	53.58 0.38 0.00	45.29 0.18 0.00	42.55 0.21 0.00	39.82 0.16 0.00	39.79 0.24 0.00	40.96 0.29 0.00	41.36 0.29 0.00	42.66 0.30 0.00	49.41 0.49 0.00	62.64 0.62 0.00	74.68 0.59 0.00	63.50 0.63 0.00	56.21 0.56 0.00	50.18 0.55 0.00	46.65 0.60 0.00	44.13 0.65 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.21 1.23 0.00	44.07 1.20 0.00	41.73 1.14 0.00	41.38 1.17 0.00	43.10 1.17 0.00	47.39 1.07 0.00	58.72 1.71 0.00	66.18 1.68 0.00	54.80 1.60 0.00	46.60 1.49 0.00	43.69 1.35 0.00	40.97 1.31 0.00	40.66 1.11 0.00	41.73 1.06 0.00	42.14 1.07 0.00	43.63 1.27 0.00	50.34 1.42 0.00	63.63 1.61 0.00	76.09 2.00 0.00	64.57 1.70 0.00	57.38 1.73 0.00	51.12 1.49 0.00	47.34 1.29 0.00	44.57 1.09 0.00
SWANROAD_115KV_TB1 355699	39.80 -4.18 0.00	38.84 -4.03 0.00	36.90 -3.69 0.00	36.47 -3.74 0.00	38.07 -3.86 0.00	42.66 -3.66 0.00	51.70 -5.30 0.00	58.38 -6.13 0.00	48.15 -5.05 0.00	41.23 -3.88 0.00	38.99 -3.34 0.00	36.57 -3.09 0.00	36.47 -3.09 0.00	37.66 -3.01 0.00	37.78 -3.29 0.00	38.88 -3.47 0.00	43.98 -4.94 0.00	56.00 -6.02 0.00	66.90 -7.19 0.00	56.65 -6.22 0.00	49.42 -6.23 0.00	44.27 -5.36 0.00	41.45 -4.61 0.00	39.31 -4.17 0.00
SYNERGY___BIOGAS 323694	41.65 -2.33 0.00	40.73 -2.14 0.00	38.65 -1.95 0.00	38.24 -1.97 0.00	40.00 -1.93 0.00	44.79 -1.53 0.00	54.56 -2.45 0.00	61.86 -2.65 0.00	51.50 -1.70 0.00	43.71 -1.40 0.00	40.98 -1.36 0.00	38.27 -1.39 0.00	38.17 -1.39 0.00	39.49 -1.18 0.00	39.72 -1.35 0.00	40.84 -1.52 0.00	46.63 -2.30 0.00	59.47 -2.55 0.00	70.98 -3.11 0.00	60.23 -2.64 0.00	52.87 -2.78 0.00	47.05 -2.58 0.00	43.84 -2.21 0.00	41.78 -1.70 0.00
SYRACUSE___ENERGY_ST1 323597	43.41 -0.57 0.00	42.27 -0.60 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.39 -0.55 0.00	45.95 -0.37 0.00	56.55 -0.46 0.00	64.12 -0.39 0.00	52.78 -0.43 0.00	44.71 -0.41 0.00	42.00 -0.34 0.00	39.26 -0.40 0.00	39.20 -0.36 0.00	40.35 -0.33 0.00	40.70 -0.37 0.00	41.98 -0.38 0.00	48.39 -0.54 0.00	61.46 -0.56 0.00	73.50 -0.59 0.00	62.37 -0.50 0.00	54.99 -0.67 0.00	49.03 -0.60 0.00	45.50 -0.55 0.00	42.91 -0.57 0.00
SYRACUSE___ENERGY_ST2 323598	43.41 -0.57 0.00	42.27 -0.60 0.00	40.03 -0.57 0.00	39.65 -0.56 0.00	41.39 -0.55 0.00	45.95 -0.37 0.00	56.55 -0.46 0.00	64.12 -0.39 0.00	52.78 -0.43 0.00	44.71 -0.41 0.00	42.00 -0.34 0.00	39.26 -0.40 0.00	39.20 -0.36 0.00	40.35 -0.33 0.00	40.70 -0.37 0.00	41.98 -0.38 0.00	48.39 -0.54 0.00	61.46 -0.56 0.00	73.50 -0.59 0.00	62.37 -0.50 0.00	54.99 -0.67 0.00	49.03 -0.60 0.00	45.50 -0.55 0.00	42.91 -0.57 0.00
SYRACUSE___POWER 24017	43.19 -0.79 0.00	42.10 -0.77 0.00	39.87 -0.73 0.00	39.49 -0.72 0.00	41.22 -0.71 0.00	45.72 -0.60 0.00	56.32 -0.68 0.00	63.80 -0.71 0.00	52.57 -0.64 0.00	44.53 -0.59 0.00	41.87 -0.47 0.00	39.15 -0.52 0.00	39.04 -0.51 0.00	40.18 -0.49 0.00	40.54 -0.53 0.00	41.81 -0.55 0.00	48.19 -0.73 0.00	61.21 -0.81 0.00	73.20 -0.89 0.00	62.05 -0.82 0.00	54.76 -0.89 0.00	48.83 -0.79 0.00	45.32 -0.74 0.00	42.74 -0.74 0.00
TALLMAN___138KV_BK151 55660	45.35 1.36 0.00	44.16 1.29 0.00	41.86 1.26 0.00	41.50 1.29 0.00	43.23 1.30 0.00	47.43 1.11 0.00	58.83 1.82 0.00	66.31 1.81 0.00	54.91 1.70 0.00	46.83 1.71 0.00	43.95 1.61 0.00	41.21 1.55 0.00	40.86 1.31 0.00	41.89 1.22 0.00	42.34 1.27 0.00	43.84 1.48 0.00	50.44 1.52 0.00	63.69 1.67 0.00	76.17 2.07 0.00	64.70 1.82 0.00	57.49 1.84 0.00	51.22 1.59 0.00	47.44 1.38 0.00	44.65 1.17 0.00
TEALLAVE_115KV_TB7 355573	42.97 -1.01 0.00	41.89 -0.99 0.00	39.66 -0.93 0.00	39.29 -0.92 0.00	41.01 -0.92 0.00	45.49 -0.83 0.00	56.04 -0.97 0.00	63.54 -0.97 0.00	52.35 -0.85 0.00	44.39 -0.72 0.00	41.70 -0.64 0.00	38.99 -0.67 0.00	38.92 -0.63 0.00	40.06 -0.61 0.00	40.41 -0.66 0.00	41.68 -0.68 0.00	47.99 -0.93 0.00	60.90 -1.12 0.00	72.76 -1.33 0.00	61.68 -1.19 0.00	54.43 -1.22 0.00	48.59 -1.04 0.00	45.09 -0.97 0.00	42.52 -0.96 0.00
TELGRAPH_34_KV_EAST 80808	40.99 -2.99 0.00	40.00 -2.87 0.00	37.96 -2.64 0.00	37.56 -2.65 0.00	39.20 -2.73 0.00	43.91 -2.41 0.00	53.41 -3.59 0.00	60.44 -4.06 0.00	49.80 -3.41 0.00	42.54 -2.57 0.00	40.18 -2.16 0.00	37.60 -2.06 0.00	37.54 -2.02 0.00	38.80 -1.87 0.00	38.93 -2.14 0.00	40.07 -2.29 0.00	45.50 -3.42 0.00	57.98 -4.03 0.00	69.27 -4.82 0.00	58.66 -4.21 0.00	51.20 -4.45 0.00	45.76 -3.87 0.00	42.78 -3.27 0.00	40.52 -2.96 0.00
TEMPLE___115KV_TB 2 55572	42.97 -1.01 0.00	41.89 -0.99 0.00	39.66 -0.93 0.00	39.29 -0.92 0.00	41.01 -0.92 0.00	45.49 -0.83 0.00	56.04 -0.97 0.00	63.54 -0.97 0.00	52.35 -0.85 0.00	44.39 -0.72 0.00	41.70 -0.64 0.00	38.99 -0.67 0.00	38.92 -0.63 0.00	40.06 -0.61 0.00	40.41 -0.66 0.00	41.68 -0.68 0.00	47.99 -0.93 0.00	60.90 -1.12 0.00	72.76 -1.33 0.00	61.68 -1.19 0.00	54.43 -1.22 0.00	48.59 -1.04 0.00	45.09 -0.97 0.00	42.52 -0.96 0.00
TIANA____69_KV_BK 1 55817	46.80 2.81 0.00	45.70 2.83 0.00	42.83 2.23 0.00	42.50 2.29 0.00	44.57 2.64 0.00	48.64 2.32 0.00	60.26 3.25 0.00	67.79 3.29 0.00	57.94 3.88 -0.85	47.82 2.71 0.00	44.88 2.54 0.00	41.96 2.30 0.00	41.49 1.94 0.00	42.71 2.03 0.00	43.33 2.26 0.00	46.31 2.88 -1.07	55.11 3.38 -2.81	66.11 4.09 0.00	78.61 4.52 0.00	66.58 3.71 0.00	61.43 4.17 -1.61	57.74 3.72 -4.39	49.78 3.04 -0.69	46.37 2.78 -0.10
TILDEN___115KV_TB1 80814	43.19 -0.79 0.00	42.10 -0.77 0.00	39.87 -0.73 0.00	39.49 -0.72 0.00	41.22 -0.71 0.00	45.72 -0.60 0.00	56.32 -0.68 0.00	63.80 -0.71 0.00	52.57 -0.64 0.00	44.53 -0.59 0.00	41.87 -0.47 0.00	39.15 -0.52 0.00	39.04 -0.51 0.00	40.18 -0.49 0.00	40.54 -0.53 0.00	41.81 -0.55 0.00	48.19 -0.73 0.00	61.21 -0.81 0.00	73.20 -0.89 0.00	62.05 -0.82 0.00	54.76 -0.89 0.00	48.83 -0.79 0.00	45.32 -0.74 0.00	42.74 -0.74 0.00

TRIGEN___CC 323695	46.27 2.29 0.00	45.06 2.19 0.00	42.55 1.95 0.00	42.18 1.97 0.00	43.98 2.05 0.00	48.40 2.08 0.00	60.03 3.02 0.00	67.47 2.97 0.00	57.08 3.03 -0.85	47.59 2.48 0.00	44.71 2.37 0.00	41.92 2.26 0.00	41.49 1.94 0.00	42.62 1.95 0.00	43.16 2.09 0.00	45.92 2.50 -1.07	54.52 2.79 -2.81	65.24 3.22 0.00	77.87 3.78 0.00	66.02 3.14 0.00	60.54 3.28 -1.61	56.85 2.83 -4.39	49.23 2.49 -0.69	45.80 2.22 -0.10
TRINITY___115KV__ 4 BK 55933	44.91 0.92 0.00	43.81 0.94 0.00	41.57 0.97 0.00	41.18 0.97 0.00	42.85 0.92 0.00	47.25 0.93 0.00	58.09 1.08 0.00	65.67 1.16 0.00	54.22 1.01 0.00	46.06 0.95 0.00	43.18 0.85 0.00	40.61 0.95 0.00	40.38 0.83 0.00	41.49 0.81 0.00	41.93 0.86 0.00	43.04 0.68 0.00	49.56 0.64 0.00	62.70 0.68 0.00	74.91 0.81 0.00	63.50 0.63 0.00	56.38 0.72 0.00	50.37 0.74 0.00	46.70 0.64 0.00	44.31 0.83 0.00
UNION___PROCESSING_DRP 323587	41.69 -2.29 0.00	40.60 -2.27 0.00	38.53 -2.07 0.00	38.16 -2.05 0.00	39.83 -2.10 0.00	44.42 -1.90 0.00	54.27 -2.74 0.00	61.60 -2.90 0.00	50.81 -2.39 0.00	43.22 -1.89 0.00	40.69 -1.65 0.00	38.07 -1.59 0.00	38.01 -1.54 0.00	39.25 -1.42 0.00	39.47 -1.60 0.00	40.66 -1.69 0.00	46.53 -2.40 0.00	59.22 -2.79 0.00	70.76 -3.33 0.00	59.92 -2.95 0.00	52.59 -3.06 0.00	46.90 -2.73 0.00	43.66 -2.39 0.00	41.22 -2.26 0.00
UPPER HUDSON___HYD 24058	48.03 4.04 0.00	46.77 3.90 0.00	44.17 3.57 0.00	43.79 3.58 0.00	45.66 3.73 0.00	49.05 2.73 0.00	60.48 3.48 0.00	68.37 3.87 0.00	56.08 2.87 0.00	47.55 2.43 0.00	44.24 1.91 0.00	41.36 1.70 0.00	41.09 1.54 0.00	42.34 1.67 0.00	42.80 1.72 0.00	44.35 1.99 0.00	51.47 2.54 0.00	65.61 3.60 0.00	78.69 4.60 0.00	66.39 3.52 0.00	58.77 3.11 0.00	52.56 2.93 0.00	48.63 2.58 0.00	47.39 3.91 0.00
UPPER RAQUET___HYD 24056	45.52 1.54 0.00	44.33 1.46 0.00	41.93 1.34 0.00	41.54 1.33 0.00	43.10 1.17 0.00	47.39 1.07 0.00	58.15 1.14 0.00	65.47 0.97 0.00	53.90 0.69 0.00	45.25 0.14 0.00	42.67 0.34 0.00	40.06 0.40 0.00	40.42 0.87 0.00	41.81 1.14 0.00	42.26 1.19 0.00	43.59 1.23 0.00	50.34 1.42 0.00	63.57 1.55 0.00	75.65 1.56 0.00	64.32 1.45 0.00	56.93 1.28 0.00	51.12 1.49 0.00	47.80 1.75 0.00	45.17 1.69 0.00
VALLEY44_115KV_TB2 355964	42.93 -1.06 0.00	41.93 -0.94 0.00	39.83 -0.77 0.00	39.45 -0.76 0.00	41.13 -0.80 0.00	46.09 -0.23 0.00	56.44 -0.57 0.00	62.96 -1.55 0.00	51.66 -1.54 0.00	44.16 -0.95 0.00	41.70 -0.64 0.00	39.07 -0.59 0.00	39.00 -0.55 0.00	40.18 -0.49 0.00	40.25 -0.82 0.00	41.55 -0.80 0.00	47.16 -1.76 0.00	60.16 -1.86 0.00	72.24 -1.85 0.00	61.24 -1.63 0.00	53.26 -2.39 0.00	47.40 -2.23 0.00	44.35 -1.70 0.00	42.35 -1.13 0.00
VALLEY___115KV_TB 1-4 80826	44.38 0.40 0.00	43.26 0.39 0.00	40.84 0.24 0.00	40.41 0.20 0.00	42.10 0.17 0.00	46.55 0.23 0.00	57.35 0.34 0.00	64.83 0.32 0.00	53.53 0.32 0.00	45.34 0.23 0.00	42.63 0.30 0.00	39.94 0.28 0.00	39.87 0.32 0.00	41.08 0.41 0.00	41.52 0.45 0.00	42.82 0.47 0.00	49.66 0.73 0.00	63.07 1.05 0.00	75.50 1.41 0.00	64.07 1.19 0.00	56.71 1.06 0.00	50.52 0.89 0.00	46.88 0.83 0.00	44.13 0.65 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.27 2.29 0.00	45.10 2.23 0.00	42.63 2.03 0.00	42.30 2.09 0.00	44.07 2.14 0.00	48.91 2.59 0.00	60.43 3.42 0.00	68.37 3.87 0.00	56.24 3.03 0.00	47.28 2.17 0.00	44.37 2.03 0.00	41.52 1.86 0.00	41.45 1.90 0.00	42.75 2.07 0.00	43.12 2.05 0.00	44.39 2.03 0.00	51.42 2.50 0.00	65.43 3.41 0.00	78.54 4.45 0.00	66.58 3.71 0.00	58.77 3.12 0.00	52.26 2.63 0.00	48.45 2.39 0.00	45.65 2.17 0.00
VISCHER___FERRY HYD 24020	45.91 1.93 0.00	44.80 1.93 0.00	42.34 1.74 0.00	41.94 1.73 0.00	43.77 1.84 0.00	48.17 1.85 0.00	59.12 2.11 0.00	66.96 2.45 0.00	55.18 1.97 0.00	46.87 1.76 0.00	43.86 1.52 0.00	41.17 1.51 0.00	40.94 1.38 0.00	42.06 1.38 0.00	42.51 1.44 0.00	43.88 1.52 0.00	50.68 1.76 0.00	64.37 2.36 0.00	76.83 2.74 0.00	65.13 2.26 0.00	57.82 2.17 0.00	51.62 1.99 0.00	47.76 1.70 0.00	45.17 1.69 0.00
V_A_10_SYNC_DSASP 323832	40.33 -3.65 0.00	39.44 -3.43 0.00	37.43 -3.17 0.00	37.03 -3.18 0.00	38.66 -3.27 0.00	43.22 -3.10 0.00	52.56 -4.45 0.00	59.54 -4.97 0.00	49.64 -3.56 0.00	42.32 -2.80 0.00	39.71 -2.62 0.00	37.12 -2.54 0.00	37.06 -2.49 0.00	38.23 -2.44 0.00	38.44 -2.63 0.00	39.52 -2.84 0.00	45.01 -3.92 0.00	57.18 -4.84 0.00	68.24 -5.85 0.00	57.97 -4.90 0.00	50.98 -4.67 0.00	45.41 -4.22 0.00	42.28 -3.78 0.00	40.31 -3.17 0.00
V_CMM_10_SYNC_DSASP 323787	44.82 0.83 0.00	43.68 0.81 0.00	41.37 0.77 0.00	40.94 0.72 0.00	42.64 0.71 0.00	47.11 0.79 0.00	57.86 0.86 0.00	65.34 0.84 0.00	53.90 0.69 0.00	45.47 0.36 0.00	42.72 0.38 0.00	40.02 0.36 0.00	40.03 0.48 0.00	41.16 0.49 0.00	41.60 0.53 0.00	42.91 0.55 0.00	49.70 0.78 0.00	63.00 0.99 0.00	75.13 1.04 0.00	63.88 1.00 0.00	56.54 0.89 0.00	50.47 0.84 0.00	46.97 0.92 0.00	44.39 0.91 0.00
V_CMP_10_SYNC_DSASP 323788	46.22 2.24 0.00	44.97 2.10 0.00	42.59 1.99 0.00	42.10 1.89 0.00	43.86 1.93 0.00	48.50 2.18 0.00	58.88 1.88 0.00	65.60 1.10 0.00	54.69 1.49 0.00	45.97 0.85 0.00	43.10 0.76 0.00	40.22 0.55 0.00	40.27 0.71 0.00	41.41 0.73 0.00	41.85 0.78 0.00	43.25 0.89 0.00	50.49 1.57 0.00	64.37 2.36 0.00	75.94 1.85 0.00	65.45 2.58 0.00	57.94 2.28 0.00	51.66 2.04 0.00	48.08 2.02 0.00	46.04 2.56 0.00
V_D_10_SYNC_DSASP 323841	45.30 1.32 0.00	44.16 1.28 0.00	41.78 1.18 0.00	41.38 1.17 0.00	43.06 1.13 0.00	47.52 1.20 0.00	58.37 1.37 0.00	65.92 1.42 0.00	54.32 1.12 0.00	45.79 0.68 0.00	43.06 0.72 0.00	40.29 0.63 0.00	40.38 0.83 0.00	41.61 0.94 0.00	42.02 0.95 0.00	43.33 0.97 0.00	50.19 1.27 0.00	63.57 1.55 0.00	75.87 1.78 0.00	64.44 1.57 0.00	57.04 1.39 0.00	51.02 1.39 0.00	47.48 1.43 0.00	44.87 1.39 0.00
V_E_10_SYNC_DSASP 323830	47.06 3.08 0.00	45.79 2.92 0.00	43.28 2.68 0.00	42.95 2.74 0.00	44.78 2.85 0.00	50.30 3.98 0.00	62.42 5.42 0.00	70.76 6.26 0.00	57.89 4.68 0.00	48.09 2.98 0.00	45.22 2.88 0.00	42.16 2.50 0.00	42.16 2.61 0.00	43.76 3.09 0.00	44.15 3.08 0.00	45.54 3.18 0.00	53.13 4.21 0.00	68.16 6.14 0.00	81.94 7.85 0.00	69.29 6.42 0.00	60.66 5.01 0.00	53.60 3.97 0.00	49.65 3.59 0.00	46.74 3.26 0.00
V_F_30_NSYNC___DSASP 323816	46.93 2.95 0.00	45.74 2.87 0.00	43.20 2.60 0.00	42.82 2.61 0.00	44.65 2.72 0.00	48.87 2.55 0.00	60.14 3.13 0.00	67.99 3.48 0.00	55.92 2.71 0.00	47.41 2.30 0.00	44.29 1.95 0.00	41.45 1.79 0.00	41.25 1.70 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.35 1.99 0.00	51.37 2.45 0.00	65.36 3.35 0.00	78.24 4.15 0.00	66.20 3.33 0.00	58.66 3.00 0.00	52.36 2.73 0.00	48.49 2.44 0.00	46.27 2.79 0.00

V_F_30_SYNC_DSASP 323786	44.95 0.97 0.00	43.86 0.99 0.00	41.61 1.01 0.00	41.22 1.01 0.00	42.89 0.96 0.00	47.29 0.97 0.00	58.20 1.20 0.00	65.79 1.29 0.00	54.32 1.12 0.00	46.15 1.04 0.00	43.27 0.93 0.00	40.69 1.03 0.00	40.46 0.91 0.00	41.57 0.89 0.00	42.02 0.94 0.00	43.08 0.72 0.00	49.66 0.73 0.00	62.82 0.81 0.00	75.13 1.04 0.00	63.63 0.75 0.00	56.49 0.83 0.00	50.42 0.79 0.00	46.79 0.74 0.00	44.39 0.91 0.00
V_XM_10_SYNC_DSASP 323789	46.22 2.24 0.00	44.97 2.10 0.00	42.59 1.99 0.00	42.10 1.89 0.00	43.86 1.93 0.00	48.50 2.18 0.00	58.88 1.88 0.00	65.60 1.10 0.00	54.69 1.49 0.00	45.97 0.85 0.00	43.10 0.76 0.00	40.22 0.55 0.00	40.27 0.71 0.00	41.41 0.73 0.00	41.85 0.78 0.00	43.25 0.89 0.00	50.49 1.57 0.00	64.37 2.36 0.00	75.94 1.85 0.00	65.45 2.58 0.00	57.94 2.28 0.00	51.66 2.04 0.00	48.08 2.02 0.00	46.04 2.56 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.57 1.58 0.00	44.37 1.50 0.00	42.02 1.42 0.00	41.66 1.45 0.00	43.40 1.47 0.00	47.66 1.34 0.00	59.06 2.05 0.00	66.57 2.06 0.00	55.17 1.97 0.00	47.01 1.89 0.00	44.07 1.74 0.00	41.33 1.67 0.00	41.02 1.46 0.00	42.06 1.38 0.00	42.47 1.40 0.00	44.01 1.65 0.00	50.59 1.66 0.00	63.81 1.80 0.00	76.39 2.30 0.00	64.82 1.95 0.00	57.60 1.95 0.00	51.37 1.74 0.00	47.57 1.52 0.00	44.78 1.30 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.74 1.76 0.00	44.59 1.71 0.00	42.22 1.62 0.00	41.86 1.65 0.00	43.57 1.64 0.00	47.89 1.57 0.00	59.63 2.62 0.00	67.15 2.64 0.00	55.71 2.50 0.00	47.50 2.39 0.00	44.58 2.24 0.00	41.84 2.18 0.00	41.41 1.86 0.00	42.42 1.75 0.00	42.88 1.81 0.00	44.43 2.08 0.00	51.22 2.30 0.00	64.68 2.67 0.00	77.28 3.19 0.00	65.51 2.64 0.00	58.32 2.67 0.00	51.96 2.33 0.00	48.03 1.98 0.00	45.18 1.70 0.00
W50THST__13_KV_LOAD 356117	45.92 1.94 0.00	44.76 1.89 0.00	42.38 1.79 0.00	42.02 1.81 0.00	43.78 1.84 0.00	48.13 1.81 0.00	59.91 2.91 0.00	67.54 3.03 0.00	56.03 2.82 0.00	47.77 2.66 0.00	44.83 2.50 0.00	42.08 2.42 0.00	41.65 2.10 0.00	42.67 1.99 0.00	43.12 2.05 0.00	44.69 2.33 0.00	51.52 2.59 0.00	65.05 3.04 0.00	77.65 3.56 0.00	65.76 2.89 0.00	58.55 2.89 0.00	52.21 2.58 0.00	48.26 2.21 0.00	45.35 1.87 0.00
WADING RIVER_IC_1 23522	46.75 2.77 0.00	45.53 2.66 0.00	42.99 2.39 0.00	42.71 2.49 0.00	44.65 2.72 0.00	48.96 2.64 0.00	60.66 3.65 0.00	68.18 3.67 0.00	57.99 3.94 -0.85	48.00 2.89 0.00	45.13 2.79 0.00	42.36 2.70 0.00	41.81 2.25 0.00	43.03 2.36 0.00	43.66 2.59 0.00	46.60 3.18 -1.07	55.35 3.62 -2.81	66.67 4.65 0.00	79.65 5.56 0.00	67.15 4.28 0.00	61.60 4.34 -1.61	57.79 3.77 -4.39	50.02 3.27 -0.69	46.32 2.74 -0.10
WADING RIVER_IC_2 23547	46.75 2.77 0.00	45.53 2.66 0.00	42.99 2.39 0.00	42.71 2.49 0.00	44.65 2.72 0.00	48.96 2.64 0.00	60.66 3.65 0.00	68.18 3.67 0.00	57.99 3.94 -0.85	48.00 2.89 0.00	45.13 2.79 0.00	42.36 2.70 0.00	41.81 2.25 0.00	43.03 2.36 0.00	43.66 2.59 0.00	46.60 3.18 -1.07	55.35 3.62 -2.81	66.67 4.65 0.00	79.65 5.56 0.00	67.15 4.28 0.00	61.60 4.34 -1.61	57.79 3.77 -4.39	50.02 3.27 -0.69	46.32 2.74 -0.10
WADING RIVER_IC_3 23601	46.75 2.77 0.00	45.53 2.66 0.00	42.99 2.39 0.00	42.71 2.49 0.00	44.65 2.72 0.00	48.96 2.64 0.00	60.66 3.65 0.00	68.18 3.67 0.00	57.99 3.94 -0.85	48.00 2.89 0.00	45.13 2.79 0.00	42.36 2.70 0.00	41.81 2.25 0.00	43.03 2.36 0.00	43.66 2.59 0.00	46.60 3.18 -1.07	55.35 3.62 -2.81	66.67 4.65 0.00	79.65 5.56 0.00	67.15 4.28 0.00	61.60 4.34 -1.61	57.79 3.77 -4.39	50.02 3.27 -0.69	46.32 2.74 -0.10
WALDENNY_12_KV_BK2 80841	41.52 -2.46 0.00	40.56 -2.32 0.00	38.49 -2.11 0.00	38.08 -2.13 0.00	39.75 -2.18 0.00	44.51 -1.81 0.00	54.16 -2.85 0.00	61.02 -3.48 0.00	50.33 -2.87 0.00	43.04 -2.08 0.00	40.73 -1.61 0.00	38.15 -1.51 0.00	38.09 -1.46 0.00	39.33 -1.34 0.00	39.43 -1.64 0.00	40.62 -1.74 0.00	45.94 -2.98 0.00	58.60 -3.41 0.00	70.09 -4.00 0.00	59.29 -3.58 0.00	51.65 -4.01 0.00	46.15 -3.47 0.00	43.24 -2.81 0.00	41.05 -2.43 0.00
WALDEN__HYDRO 24148	45.48 1.50 0.00	44.33 1.46 0.00	41.98 1.38 0.00	41.62 1.41 0.00	43.36 1.43 0.00	47.71 1.39 0.00	59.12 2.11 0.00	66.63 2.13 0.00	55.12 1.92 0.00	46.83 1.71 0.00	43.82 1.48 0.00	41.05 1.39 0.00	40.78 1.23 0.00	41.81 1.14 0.00	42.26 1.19 0.00	43.80 1.44 0.00	50.64 1.71 0.00	64.06 2.05 0.00	76.61 2.52 0.00	65.01 2.14 0.00	57.71 2.06 0.00	51.47 1.84 0.00	47.62 1.57 0.00	44.83 1.35 0.00
WARRENSBURG____ 23737	48.03 4.04 0.00	46.77 3.90 0.00	44.17 3.57 0.00	43.79 3.58 0.00	45.66 3.73 0.00	49.05 2.73 0.00	60.48 3.48 0.00	68.37 3.87 0.00	56.08 2.87 0.00	47.55 2.43 0.00	44.24 1.91 0.00	41.36 1.70 0.00	41.09 1.54 0.00	42.34 1.67 0.00	42.80 1.72 0.00	44.35 1.99 0.00	51.47 2.54 0.00	65.61 3.60 0.00	78.69 4.60 0.00	66.39 3.52 0.00	58.77 3.11 0.00	52.56 2.93 0.00	48.63 2.58 0.00	47.39 3.91 0.00
WATERSIDE____6 8 9 23538	45.96 1.98 0.00	44.80 1.93 0.00	42.42 1.83 0.00	42.06 1.85 0.00	43.78 1.84 0.00	48.13 1.81 0.00	59.86 2.85 0.00	67.21 2.71 0.00	55.76 2.55 0.00	47.55 2.44 0.00	44.67 2.33 0.00	41.96 2.30 0.00	41.53 1.98 0.00	42.54 1.87 0.00	43.00 1.93 0.00	44.52 2.16 0.00	51.32 2.40 0.00	64.81 2.79 0.00	75.05 3.41 2.44	62.95 2.83 2.75	55.15 2.84 3.34	52.01 2.38 0.00	48.22 2.16 0.00	45.40 1.91 -0.01
WATKINRD_115KV_LN8_ILLION 55919	44.33 0.35 0.00	43.21 0.34 0.00	40.84 0.24 0.00	40.41 0.20 0.00	42.14 0.21 0.00	46.60 0.28 0.00	57.35 0.34 0.00	64.83 0.32 0.00	53.53 0.32 0.00	45.34 0.23 0.00	42.59 0.25 0.00	39.94 0.28 0.00	39.83 0.28 0.00	41.00 0.33 0.00	41.40 0.33 0.00	42.74 0.38 0.00	49.46 0.54 0.00	62.88 0.87 0.00	75.20 1.11 0.00	63.82 0.94 0.00	56.49 0.83 0.00	50.32 0.69 0.00	46.65 0.60 0.00	43.96 0.48 0.00
WATSON__69_KV_BK 1 55734	47.06 3.08 0.00	45.87 3.00 0.00	43.15 2.56 0.00	42.83 2.61 0.00	44.78 2.85 0.00	49.15 2.83 0.00	60.94 3.93 0.00	68.37 3.87 0.00	58.26 4.20 -0.85	48.18 3.07 0.00	45.26 2.92 0.00	42.36 2.70 0.00	41.93 2.37 0.00	43.15 2.48 0.00	43.78 2.71 0.00	46.73 3.30 -1.07	55.55 3.82 -2.81	66.60 4.59 0.00	79.28 5.19 0.00	67.15 4.28 0.00	61.66 4.40 -1.61	57.89 3.87 -4.39	50.11 3.36 -0.69	46.58 3.00 -0.10
WDELAWARE__HYD 323627	45.48 1.50 0.00	44.24 1.37 0.00	41.93 1.34 0.00	41.54 1.33 0.00	43.27 1.34 0.00	47.71 1.39 0.00	59.29 2.28 0.00	66.82 2.32 0.00	54.96 1.75 0.00	46.51 1.40 0.00	43.44 1.10 0.00	40.61 0.95 0.00	40.38 0.83 0.00	41.49 0.81 0.00	41.93 0.86 0.00	43.50 1.14 0.00	50.49 1.57 0.00	64.06 2.04 0.00	76.75 2.66 0.00	65.07 2.20 0.00	57.65 2.00 0.00	51.41 1.78 0.00	47.57 1.52 0.00	44.78 1.30 0.00

WEST BABYLON___IC 23714	46.93 2.95 0.00	45.70 2.83 0.00	43.03 2.44 0.00	42.70 2.49 0.00	44.61 2.68 0.00	49.01 2.69 0.00	60.77 3.76 0.00	68.18 3.68 0.00	57.99 3.94 -0.85	48.04 2.93 0.00	45.13 2.79 0.00	42.28 2.62 0.00	41.85 2.29 0.00	43.07 2.40 0.00	43.66 2.59 0.00	46.60 3.18 -1.07	55.30 3.57 -2.81	66.29 4.28 0.00	78.98 4.89 0.00	66.96 4.09 0.00	61.43 4.17 -1.61	57.69 3.67 -4.39	49.97 3.22 -0.69	46.45 2.87 -0.10
WEST CANADA___HYD 24049	44.07 0.09 0.00	42.96 0.09 0.00	40.68 0.08 0.00	40.29 0.08 0.00	42.01 0.08 0.00	46.46 0.14 0.00	57.18 0.17 0.00	64.63 0.13 0.00	53.31 0.11 0.00	45.20 0.09 0.00	42.42 0.08 0.00	39.74 0.08 0.00	39.63 0.08 0.00	40.75 0.08 0.00	41.15 0.08 0.00	42.44 0.08 0.00	49.07 0.15 0.00	62.26 0.25 0.00	74.39 0.30 0.00	63.12 0.25 0.00	55.88 0.22 0.00	49.83 0.20 0.00	46.19 0.14 0.00	43.57 0.09 0.00
WESTERN_NY_WIND 24143	41.69 -2.29 0.00	40.68 -2.19 0.00	38.61 -1.99 0.00	38.20 -2.01 0.00	39.92 -2.01 0.00	44.70 -1.62 0.00	54.44 -2.57 0.00	61.73 -2.77 0.00	50.81 -2.39 0.00	43.26 -1.85 0.00	40.81 -1.52 0.00	38.19 -1.47 0.00	38.09 -1.46 0.00	39.41 -1.26 0.00	39.59 -1.48 0.00	40.75 -1.61 0.00	46.43 -2.50 0.00	59.29 -2.73 0.00	70.83 -3.26 0.00	59.92 -2.95 0.00	52.31 -3.34 0.00	46.70 -2.93 0.00	43.66 -2.39 0.00	41.31 -2.17 0.00
WESTOVER___LESR 323668	43.72 -0.26 0.00	42.61 -0.26 0.00	40.39 -0.20 0.00	40.01 -0.20 0.00	41.76 -0.17 0.00	46.41 0.09 0.00	57.12 0.11 0.00	64.50 0.00 0.00	53.05 -0.16 0.00	45.02 -0.09 0.00	42.29 -0.04 0.00	39.58 -0.08 0.00	39.47 -0.08 0.00	40.63 -0.04 0.00	40.95 -0.12 0.00	42.27 -0.08 0.00	48.68 -0.24 0.00	61.83 -0.19 0.00	73.94 -0.15 0.00	62.75 -0.13 0.00	55.26 -0.39 0.00	49.18 -0.45 0.00	45.69 -0.37 0.00	43.18 -0.30 0.00
WETHRSFD_WT_PWR 323626	41.52 -2.46 0.00	40.69 -2.18 0.00	38.65 -1.95 0.00	38.24 -1.97 0.00	39.96 -1.97 0.00	44.70 -1.62 0.00	54.61 -2.39 0.00	61.54 -2.97 0.00	50.92 -2.29 0.00	43.31 -1.81 0.00	40.68 -1.65 0.00	38.07 -1.59 0.00	38.01 -1.54 0.00	39.29 -1.38 0.00	39.51 -1.56 0.00	40.75 -1.61 0.00	46.58 -2.35 0.00	59.29 -2.73 0.00	70.83 -3.26 0.00	60.04 -2.83 0.00	52.59 -3.06 0.00	46.75 -2.88 0.00	43.52 -2.53 0.00	41.52 -1.96 0.00
WHAVSTOR_138KV_BK127 55557	45.35 1.36 0.00	44.16 1.29 0.00	41.86 1.26 0.00	41.50 1.29 0.00	43.23 1.30 0.00	47.39 1.07 0.00	58.72 1.71 0.00	66.18 1.68 0.00	54.86 1.65 0.00	46.78 1.67 0.00	43.95 1.61 0.00	41.21 1.55 0.00	40.90 1.34 0.00	41.89 1.22 0.00	42.34 1.27 0.00	43.84 1.48 0.00	50.39 1.47 0.00	63.57 1.55 0.00	76.09 2.00 0.00	64.57 1.70 0.00	57.38 1.73 0.00	51.17 1.54 0.00	47.39 1.34 0.00	44.65 1.17 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.35 1.36 0.00	44.16 1.29 0.00	41.86 1.26 0.00	41.50 1.29 0.00	43.23 1.30 0.00	47.39 1.07 0.00	58.72 1.71 0.00	66.18 1.68 0.00	54.86 1.65 0.00	46.78 1.67 0.00	43.95 1.61 0.00	41.21 1.55 0.00	40.90 1.34 0.00	41.89 1.22 0.00	42.34 1.27 0.00	43.84 1.48 0.00	50.39 1.47 0.00	63.57 1.55 0.00	76.09 2.00 0.00	64.57 1.70 0.00	57.38 1.73 0.00	51.17 1.54 0.00	47.39 1.34 0.00	44.65 1.17 0.00
WHITEHAL_115KV_TB1 80871	48.73 4.75 0.00	47.50 4.63 0.00	44.86 4.26 0.00	44.43 4.22 0.00	46.37 4.44 0.00	50.12 3.80 0.00	61.91 4.90 0.00	69.92 5.42 0.00	57.30 4.10 0.00	48.50 3.38 0.00	44.96 2.62 0.00	42.08 2.42 0.00	41.81 2.25 0.00	43.11 2.44 0.00	43.58 2.51 0.00	45.15 2.80 0.00	52.54 3.62 0.00	67.10 5.09 0.00	80.68 6.59 0.00	67.96 5.09 0.00	60.16 4.51 0.00	53.70 4.07 0.00	49.65 3.59 0.00	48.18 4.70 0.00
WHITEPLN_13_KV_LOAD 356215	46.09 2.11 0.00	44.89 2.01 0.00	42.46 1.87 0.00	42.10 1.89 0.00	43.86 1.93 0.00	48.22 1.90 0.00	59.91 2.91 0.00	67.60 3.10 0.00	56.08 2.87 0.00	47.68 2.57 0.00	44.71 2.37 0.00	41.92 2.26 0.00	41.53 1.98 0.00	42.67 1.99 0.00	43.08 2.01 0.00	44.65 2.29 0.00	51.57 2.64 0.00	65.05 3.04 0.00	78.02 3.93 0.00	66.14 3.27 0.00	58.71 3.06 0.00	52.26 2.63 0.00	48.36 2.30 0.00	45.44 1.96 0.00
WM_FLOYD_69_KV_BK2 356380	46.71 2.73 0.00	45.61 2.74 0.00	42.79 2.19 0.00	42.46 2.25 0.00	44.53 2.60 0.00	48.64 2.32 0.00	60.20 3.19 0.00	67.73 3.23 0.00	57.83 3.78 -0.85	47.77 2.66 0.00	44.88 2.54 0.00	41.96 2.30 0.00	41.49 1.94 0.00	42.71 2.03 0.00	43.37 2.30 0.00	46.35 2.92 -1.07	55.11 3.38 -2.81	66.11 4.09 0.00	78.54 4.45 0.00	66.46 3.58 0.00	61.27 4.01 -1.61	57.55 3.52 -4.39	49.69 2.95 -0.69	46.19 2.61 -0.10
WOODARD___115KV_TB2 355635	43.01 -0.97 0.00	41.89 -0.99 0.00	39.70 -0.89 0.00	39.33 -0.88 0.00	41.01 -0.92 0.00	45.53 -0.79 0.00	56.04 -0.97 0.00	63.54 -0.97 0.00	52.35 -0.85 0.00	44.39 -0.72 0.00	41.70 -0.64 0.00	38.99 -0.67 0.00	38.92 -0.63 0.00	40.06 -0.61 0.00	40.41 -0.66 0.00	41.68 -0.68 0.00	48.04 -0.88 0.00	60.90 -1.12 0.00	72.83 -1.26 0.00	61.74 -1.13 0.00	54.48 -1.17 0.00	48.59 -1.04 0.00	45.13 -0.92 0.00	42.57 -0.91 0.00
YORK___WARBASSE 23770	59.15 2.29 -12.88	45.10 2.23 0.00	42.67 2.07 0.00	42.30 2.09 0.00	44.07 2.14 0.00	59.18 2.13 -10.73	60.26 3.25 0.00	67.60 3.10 0.00	59.18 2.87 -3.10	59.07 2.75 -11.21	45.00 2.67 0.00	42.20 2.54 0.00	41.81 2.25 0.00	42.83 2.16 0.00	43.29 2.22 0.00	44.81 2.46 0.00	51.66 2.74 0.00	65.24 3.22 0.00	152.07 4.00 -73.98	149.40 3.33 -83.19	162.71 3.28 -103.77	59.45 2.73 -7.09	61.44 2.53 -12.86	60.85 2.22 -15.15