

ALBANY___2 23572	30.49 0.01 0.00	24.93 0.12 0.00	27.73 0.16 0.00	25.42 0.17 0.00	25.96 0.10 0.00	27.42 0.12 0.00	45.70 0.08 0.00	58.93 -0.17 0.00	39.86 -0.14 0.00	26.41 -0.11 0.00	33.61 -0.19 0.00	40.28 -0.61 0.00	40.14 -0.45 0.00	40.82 -0.40 0.00	37.83 -0.15 0.00	37.55 -0.11 0.00	39.14 0.12 0.00	73.09 0.21 0.00	275.70 0.39 0.00	104.06 -0.53 0.00	56.74 -0.14 0.00	51.20 -0.14 0.00	51.66 -0.23 0.00	52.70 -0.29 0.00
ALBANY___3 23573	30.49 0.01 0.00	24.93 0.12 0.00	27.73 0.16 0.00	25.42 0.17 0.00	25.96 0.10 0.00	27.42 0.12 0.00	45.70 0.08 0.00	58.93 -0.17 0.00	39.86 -0.14 0.00	26.41 -0.11 0.00	33.61 -0.19 0.00	40.28 -0.61 0.00	40.14 -0.45 0.00	40.82 -0.40 0.00	37.83 -0.15 0.00	37.55 -0.11 0.00	39.14 0.12 0.00	73.09 0.21 0.00	275.70 0.39 0.00	104.06 -0.53 0.00	56.74 -0.14 0.00	51.20 -0.14 0.00	51.66 -0.23 0.00	52.70 -0.29 0.00
ALBANY___4 23574	30.49 0.01 0.00	24.93 0.12 0.00	27.73 0.16 0.00	25.42 0.17 0.00	25.96 0.10 0.00	27.42 0.12 0.00	45.70 0.08 0.00	58.93 -0.17 0.00	39.86 -0.14 0.00	26.41 -0.11 0.00	33.61 -0.19 0.00	40.28 -0.61 0.00	40.14 -0.45 0.00	40.82 -0.40 0.00	37.83 -0.15 0.00	37.55 -0.11 0.00	39.14 0.12 0.00	73.09 0.21 0.00	275.70 0.39 0.00	104.06 -0.53 0.00	56.74 -0.14 0.00	51.20 -0.14 0.00	51.66 -0.23 0.00	52.70 -0.29 0.00
ALBANY___LFGE 323615	30.82 0.34 0.00	25.18 0.37 0.00	28.02 0.45 0.00	25.68 0.43 0.00	26.23 0.37 0.00	27.73 0.42 0.00	46.27 0.65 0.00	59.65 0.54 0.00	40.35 0.34 0.00	26.73 0.21 0.00	33.98 0.19 0.00	40.73 -0.16 0.00	40.63 0.04 0.00	41.31 0.08 0.00	38.28 0.30 0.00	38.01 0.35 0.00	39.63 0.62 0.00	74.11 1.23 0.00	279.36 4.05 0.00	105.40 0.81 0.00	57.45 0.57 0.00	51.83 0.49 0.00	52.27 0.38 0.00	53.32 0.33 0.00
ALCOA_PA_115KV_PL-6C 55860	31.09 0.60 0.00	25.31 0.50 0.00	28.05 0.48 0.00	25.66 0.41 0.00	26.34 0.48 0.00	27.82 0.51 0.00	46.23 0.61 0.00	60.13 1.03 0.00	40.77 0.77 0.00	27.06 0.53 0.00	34.41 0.62 0.00	41.60 0.72 0.00	41.31 0.72 0.00	41.93 0.70 0.00	38.56 0.58 0.00	38.26 0.61 0.00	39.48 0.47 0.00	73.70 0.82 0.00	279.82 4.51 0.00	107.02 2.43 0.00	58.25 1.37 0.00	52.52 1.19 0.00	53.15 1.27 0.00	54.36 1.38 0.00
ALCOA_RYNLDS___DRP 24188	31.09 0.60 0.00	25.31 0.50 0.00	28.05 0.48 0.00	25.66 0.41 0.00	26.34 0.48 0.00	27.82 0.51 0.00	46.23 0.61 0.00	60.13 1.03 0.00	40.77 0.77 0.00	27.06 0.53 0.00	34.41 0.62 0.00	41.60 0.72 0.00	41.31 0.72 0.00	41.93 0.70 0.00	38.56 0.58 0.00	38.26 0.61 0.00	39.48 0.47 0.00	73.70 0.82 0.00	279.82 4.51 0.00	107.02 2.43 0.00	58.25 1.37 0.00	52.52 1.19 0.00	53.15 1.27 0.00	54.36 1.38 0.00
ALCOA___DSASP 323711	31.09 0.60 0.00	25.31 0.50 0.00	28.05 0.48 0.00	25.66 0.41 0.00	26.34 0.48 0.00	27.82 0.51 0.00	46.23 0.61 0.00	60.14 1.03 0.00	40.77 0.76 0.00	27.06 0.53 0.00	34.41 0.62 0.00	41.60 0.71 0.00	41.31 0.72 0.00	41.93 0.70 0.00	38.56 0.58 0.00	38.26 0.60 0.00	39.48 0.47 0.00	73.70 0.82 0.00	279.82 4.51 0.00	107.02 2.43 0.00	58.25 1.37 0.00	52.52 1.19 0.00	53.15 1.26 0.00	54.36 1.37 0.00
ALLEGHENY___COGEN 23514	30.31 -0.17 0.00	24.50 -0.31 0.00	27.24 -0.33 0.00	24.81 -0.44 0.00	25.60 -0.26 0.00	27.43 0.12 0.00	46.10 0.48 0.00	59.82 0.71 0.00	40.77 0.76 0.00	26.87 0.34 0.00	34.09 0.30 0.00	41.90 1.01 0.00	40.92 0.33 0.00	41.75 0.52 0.00	38.10 0.12 0.00	37.68 0.02 0.00	43.02 -0.25 -4.25	71.65 -0.25 0.98	279.72 4.42 0.00	106.80 2.21 0.00	56.13 0.66 1.41	51.90 0.57 0.00	52.58 0.69 0.00	54.10 1.12 0.00
ALTAMONT_115KV_TB 2 55880	30.81 0.33 0.00	25.14 0.33 0.00	27.99 0.42 0.00	25.66 0.41 0.00	26.21 0.35 0.00	27.67 0.36 0.00	46.27 0.65 0.00	59.73 0.63 0.00	40.41 0.40 0.00	26.76 0.23 0.00	34.06 0.27 0.00	41.00 0.11 0.00	40.80 0.21 0.00	41.48 0.25 0.00	38.36 0.37 0.00	38.05 0.39 0.00	39.59 0.57 0.00	73.92 1.04 0.00	278.68 3.37 0.00	105.42 0.83 0.00	57.43 0.56 0.00	51.87 0.53 0.00	52.39 0.50 0.00	53.41 0.42 0.00
ALTONA_WT_PWR 323606	31.00 0.52 0.00	25.16 0.35 0.00	27.74 0.17 0.00	25.40 0.15 0.00	26.15 0.30 0.00	27.68 0.37 0.00	45.07 -0.55 0.00	58.78 -0.32 0.00	39.90 -0.11 0.00	26.63 0.11 0.00	33.69 -0.10 0.00	40.45 -0.44 0.00	40.55 -0.04 0.00	41.51 0.28 0.00	38.36 0.38 0.00	38.42 0.76 0.00	39.00 -0.02 0.00	71.32 -1.55 0.00	272.62 -2.69 0.00	105.23 0.64 0.00	57.25 0.38 0.00	51.72 0.38 0.00	52.79 0.90 0.00	54.27 1.28 0.00
AMERICAN_REF_FUEL 24010	28.08 -2.40 0.00	22.73 -2.08 0.00	25.18 -2.38 0.00	22.85 -2.40 0.00	23.75 -2.10 0.00	25.63 -1.67 0.00	42.35 -3.27 0.00	54.28 -4.83 0.00	37.36 -2.64 0.00	25.02 -1.50 0.00	32.20 -1.59 0.00	39.87 -1.01 0.00	38.88 -1.71 0.00	39.45 -1.78 0.00	35.90 -2.09 0.00	34.90 -2.76 0.00	33.82 -3.99 1.20	64.91 -7.37 0.59	250.95 -24.36 0.00	96.10 -8.49 0.00	50.79 -5.22 0.86	46.96 -4.37 0.00	48.28 -3.60 0.00	50.24 -2.75 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.96 -1.52 0.00	23.02 -1.79 0.00	25.19 -2.38 0.00	22.97 -2.28 0.00	24.30 -1.55 0.00	26.04 -1.27 0.00	43.51 -2.11 0.00	56.23 -2.88 0.00	38.28 -1.72 0.00	25.37 -1.15 0.00	32.77 -1.02 0.00	40.51 -0.38 0.00	39.77 -0.82 0.00	40.33 -0.90 0.00	36.80 -1.18 0.00	35.97 -1.68 0.00	35.17 -2.57 1.27	67.83 -4.36 0.68	262.51 -12.80 0.00	99.77 -4.82 0.00	52.52 -3.37 0.98	48.64 -2.69 0.00	50.25 -1.64 0.00	52.23 -0.76 0.00
ARTHUR KILL_GT_1 23520	32.28 1.80 0.00	26.17 1.37 0.00	28.99 1.42 0.00	26.56 1.31 0.00	27.16 1.30 0.00	28.72 1.41 0.00	48.38 2.76 0.00	62.50 3.40 0.00	42.33 2.33 0.00	28.14 1.61 0.00	35.92 2.13 0.00	43.56 2.67 0.00	43.32 2.73 0.00	43.90 2.67 0.00	40.59 2.60 0.00	40.09 2.43 0.00	41.59 2.58 0.00	77.03 4.16 0.00	290.42 15.11 0.00	110.51 5.92 0.00	59.99 3.12 0.00	53.94 2.60 0.00	54.72 2.83 0.00	55.34 2.35 0.00
ARTHUR_KILL_2 23512	32.21 1.73 0.00	26.11 1.30 0.00	28.93 1.36 0.00	26.51 1.26 0.00	27.09 1.23 0.00	28.65 1.34 0.00	48.26 2.64 0.00	62.35 3.24 0.00	42.21 2.21 0.00	28.06 1.53 0.00	35.85 2.06 0.00	43.47 2.58 0.00	43.26 2.67 0.00	43.80 2.58 0.00	40.49 2.50 0.00	40.00 2.34 0.00	41.51 2.50 0.00	76.84 3.97 0.00	289.60 14.29 0.00	110.19 5.60 0.00	59.83 2.96 0.00	53.79 2.46 0.00	54.58 2.69 0.00	55.21 2.22 0.00
ARTHUR_KILL_3 23513	31.96 1.48 0.00	25.92 1.11 0.00	28.71 1.13 0.00	26.31 1.06 0.00	26.88 1.02 0.00	28.42 1.11 0.00	47.91 2.29 0.00	61.96 2.86 0.00	41.88 1.88 0.00	27.81 1.29 0.00	35.66 1.87 0.00	43.31 2.43 0.00	43.15 2.56 0.00	43.70 2.47 0.00	40.34 2.36 0.00	39.91 2.25 0.00	41.40 2.38 0.00	76.86 3.99 0.00	289.27 13.96 0.00	109.76 5.17 0.00	59.62 2.74 0.00	53.64 2.31 0.00	54.36 2.47 0.00	55.01 2.02 0.00

ARTHUR_KILL_COGEN 323718	32.28 1.80 0.00	26.17 1.37 0.00	28.99 1.42 0.00	26.56 1.31 0.00	27.16 1.30 0.00	28.72 1.41 0.00	48.38 2.76 0.00	62.51 3.40 0.00	42.33 2.32 0.00	28.14 1.61 0.00	35.92 2.13 0.00	43.55 2.67 0.00	43.34 2.75 0.00	43.90 2.67 0.00	40.59 2.61 0.00	40.09 2.43 0.00	41.60 2.58 0.00	77.03 4.15 0.00	290.41 15.10 0.00	110.51 5.92 0.00	59.99 3.12 0.00	53.95 2.61 0.00	54.71 2.82 0.00	55.33 2.35 0.00
ASHOKAN____ 23654	31.33 0.85 0.00	25.51 0.71 0.00	28.37 0.80 0.00	26.02 0.77 0.00	26.73 0.87 0.00	28.36 1.05 0.00	47.69 2.07 0.00	61.86 2.75 0.00	41.77 1.76 0.00	27.40 0.88 0.00	34.82 1.03 0.00	42.09 1.20 0.00	41.86 1.27 0.00	42.81 1.58 0.00	39.73 1.75 0.00	39.43 1.77 0.00	40.66 1.65 0.00	75.92 3.05 0.00	287.40 12.09 0.00	108.82 4.24 0.00	59.16 2.28 0.00	53.28 1.94 0.00	53.71 1.82 0.00	54.50 1.52 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.90 1.42 0.00	25.87 1.07 0.01	28.66 1.10 0.01	26.26 1.02 0.01	26.82 0.97 0.01	28.32 1.03 0.01	47.80 2.18 0.00	61.92 2.81 0.00	41.82 1.82 0.00	27.84 1.32 0.00	35.84 2.05 0.00	43.48 2.59 0.00	43.29 2.70 0.00	43.82 2.59 0.00	40.50 2.51 0.00	40.00 2.34 0.00	41.47 2.46 0.00	76.91 4.04 0.00	289.25 13.94 0.00	109.63 5.04 0.00	59.56 2.69 0.01	53.77 2.44 0.00	54.43 2.55 0.00	55.01 2.04 0.01
ASTORIA_EAST_ENERGY_CC2 323582	31.90 1.42 0.00	25.87 1.07 0.01	28.66 1.10 0.01	26.26 1.02 0.01	26.82 0.97 0.01	28.32 1.03 0.01	47.80 2.18 0.00	61.92 2.81 0.00	41.82 1.82 0.00	27.84 1.32 0.00	35.83 2.04 0.00	43.48 2.59 0.00	43.29 2.70 0.00	43.82 2.59 0.00	40.50 2.51 0.00	40.00 2.34 0.00	41.47 2.46 0.00	76.91 4.04 0.00	289.25 13.94 0.00	109.63 5.04 0.00	59.56 2.69 0.01	53.77 2.44 0.00	54.41 2.52 0.00	54.99 2.01 0.01
ASTORIA_GT2_1 24094	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.84 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.50 2.61 0.00	43.29 2.70 0.00	43.84 2.61 0.00	40.50 2.52 0.00	40.02 2.36 0.00	41.49 2.47 0.00	76.94 4.06 0.00	289.38 14.07 0.00	109.72 5.13 0.00	59.59 2.72 0.01	53.79 2.45 0.00	54.43 2.54 0.00	55.02 2.03 0.01
ASTORIA_GT2_2 24095	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.84 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.50 2.61 0.00	43.29 2.70 0.00	43.84 2.61 0.00	40.50 2.52 0.00	40.02 2.36 0.00	41.49 2.47 0.00	76.94 4.06 0.00	289.38 14.07 0.00	109.72 5.13 0.00	59.59 2.72 0.01	53.79 2.45 0.00	54.43 2.54 0.00	55.02 2.03 0.01
ASTORIA_GT2_3 24096	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.84 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.50 2.61 0.00	43.29 2.70 0.00	43.84 2.61 0.00	40.50 2.52 0.00	40.02 2.36 0.00	41.49 2.47 0.00	76.94 4.06 0.00	289.38 14.07 0.00	109.72 5.13 0.00	59.59 2.72 0.01	53.79 2.45 0.00	54.43 2.54 0.00	55.02 2.03 0.01
ASTORIA_GT2_4 24097	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.84 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.50 2.61 0.00	43.29 2.70 0.00	43.84 2.61 0.00	40.50 2.52 0.00	40.02 2.36 0.00	41.49 2.47 0.00	76.94 4.06 0.00	289.38 14.07 0.00	109.72 5.13 0.00	59.59 2.72 0.01	53.79 2.45 0.00	54.43 2.54 0.00	55.02 2.03 0.01
ASTORIA_GT3_1 24098	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.84 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.50 2.61 0.00	43.29 2.70 0.00	43.84 2.61 0.00	40.50 2.52 0.00	40.02 2.36 0.00	41.49 2.47 0.00	76.94 4.06 0.00	289.38 14.07 0.00	109.72 5.13 0.00	59.59 2.72 0.01	53.79 2.45 0.00	54.43 2.54 0.00	55.02 2.03 0.01
ASTORIA_GT3_2 24099	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.84 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.50 2.61 0.00	43.29 2.70 0.00	43.84 2.61 0.00	40.50 2.52 0.00	40.02 2.36 0.00	41.49 2.47 0.00	76.94 4.06 0.00	289.38 14.07 0.00	109.72 5.13 0.00	59.59 2.72 0.01	53.79 2.45 0.00	54.43 2.54 0.00	55.02 2.03 0.01
ASTORIA_GT3_3 24100	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.84 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.50 2.61 0.00	43.29 2.70 0.00	43.84 2.61 0.00	40.50 2.52 0.00	40.02 2.36 0.00	41.49 2.47 0.00	76.94 4.06 0.00	289.38 14.07 0.00	109.72 5.13 0.00	59.59 2.72 0.01	53.79 2.45 0.00	54.43 2.54 0.00	55.02 2.03 0.01
ASTORIA_GT3_4 24101	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.84 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.50 2.61 0.00	43.29 2.70 0.00	43.84 2.61 0.00	40.50 2.52 0.00	40.02 2.36 0.00	41.49 2.47 0.00	76.94 4.06 0.00	289.38 14.07 0.00	109.72 5.13 0.00	59.59 2.72 0.01	53.79 2.45 0.00	54.43 2.54 0.00	55.02 2.03 0.01
ASTORIA_GT4_1 24102	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.84 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.50 2.61 0.00	43.29 2.70 0.00	43.84 2.61 0.00	40.50 2.52 0.00	40.02 2.36 0.00	41.49 2.47 0.00	76.94 4.06 0.00	289.38 14.07 0.00	109.72 5.13 0.00	59.59 2.72 0.01	53.79 2.45 0.00	54.43 2.54 0.00	55.02 2.03 0.01
ASTORIA_GT4_2 24103	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.84 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.50 2.61 0.00	43.29 2.70 0.00	43.84 2.61 0.00	40.50 2.52 0.00	40.02 2.36 0.00	41.49 2.47 0.00	76.94 4.06 0.00	289.38 14.07 0.00	109.72 5.13 0.00	59.59 2.72 0.01	53.79 2.45 0.00	54.43 2.54 0.00	55.02 2.03 0.01
ASTORIA_GT4_3 24104	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.84 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.50 2.61 0.00	43.29 2.70 0.00	43.84 2.61 0.00	40.50 2.52 0.00	40.02 2.36 0.00	41.49 2.47 0.00	76.94 4.06 0.00	289.38 14.07 0.00	109.72 5.13 0.00	59.59 2.72 0.01	53.79 2.45 0.00	54.43 2.54 0.00	55.02 2.03 0.01

ASTORIA_GT4_4 24105	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.84 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.50 2.61 0.00	43.29 2.70 0.00	43.84 2.61 0.00	40.50 2.52 0.00	40.02 2.36 0.00	41.49 2.47 0.00	76.94 4.06 0.00	289.38 14.07 0.00	109.72 5.13 0.00	59.59 2.72 0.01	53.79 2.45 0.00	54.43 2.54 0.00	55.02 2.03 0.01
ASTORIA_GT_1 23523	31.96 1.48 0.00	25.92 1.12 0.01	28.71 1.15 0.01	26.31 1.06 0.01	26.86 1.01 0.01	28.38 1.08 0.01	47.91 2.29 0.00	62.06 2.96 0.00	41.94 1.94 0.00	27.91 1.39 0.00	35.92 2.13 0.00	43.58 2.70 0.00	43.37 2.78 0.00	43.93 2.70 0.00	40.58 2.60 0.00	40.10 2.44 0.00	41.56 2.55 0.00	77.10 4.23 0.00	289.93 14.63 0.00	109.93 5.34 0.00	59.69 2.83 0.01	53.88 2.55 0.00	54.52 2.64 0.00	55.10 2.12 0.01
ASTORIA_GT_10 24110	32.11 1.63 0.00	26.05 1.24 0.00	28.85 1.28 0.00	26.45 1.20 0.00	27.01 1.16 0.00	28.53 1.23 0.00	48.05 2.43 0.00	62.20 3.09 0.00	42.05 2.05 0.00	27.98 1.46 0.00	35.87 2.08 0.00	43.56 2.68 0.00	43.36 2.77 0.00	43.92 2.69 0.00	40.56 2.58 0.00	40.11 2.45 0.00	41.58 2.56 0.00	77.08 4.21 0.00	289.99 14.68 0.00	110.12 5.53 0.00	59.86 2.99 0.00	53.92 2.58 0.00	54.64 2.76 0.00	55.25 2.26 0.00
ASTORIA_GT_11 24225	32.11 1.63 0.00	26.05 1.24 0.00	28.85 1.28 0.00	26.45 1.20 0.00	27.01 1.16 0.00	28.53 1.23 0.00	48.05 2.43 0.00	62.20 3.09 0.00	42.05 2.05 0.00	27.98 1.46 0.00	35.87 2.08 0.00	43.56 2.68 0.00	43.36 2.77 0.00	43.92 2.69 0.00	40.56 2.58 0.00	40.11 2.45 0.00	41.58 2.56 0.00	77.08 4.21 0.00	289.99 14.68 0.00	110.12 5.53 0.00	59.86 2.99 0.00	53.92 2.58 0.00	54.64 2.76 0.00	55.25 2.26 0.00
ASTORIA_GT_12 24226	32.11 1.63 0.00	26.05 1.24 0.00	28.85 1.28 0.00	26.45 1.20 0.00	27.01 1.16 0.00	28.53 1.23 0.00	48.05 2.43 0.00	62.20 3.09 0.00	42.05 2.05 0.00	27.98 1.46 0.00	35.87 2.08 0.00	43.56 2.68 0.00	43.36 2.77 0.00	43.92 2.69 0.00	40.56 2.58 0.00	40.11 2.45 0.00	41.58 2.56 0.00	77.08 4.21 0.00	289.99 14.68 0.00	110.12 5.53 0.00	59.86 2.99 0.00	53.92 2.58 0.00	54.64 2.76 0.00	55.25 2.26 0.00
ASTORIA_GT_13 24227	32.11 1.63 0.00	26.05 1.24 0.00	28.85 1.28 0.00	26.45 1.20 0.00	27.01 1.16 0.00	28.53 1.23 0.00	48.05 2.43 0.00	62.20 3.09 0.00	42.05 2.05 0.00	27.98 1.46 0.00	35.87 2.08 0.00	43.56 2.68 0.00	43.36 2.77 0.00	43.92 2.69 0.00	40.56 2.58 0.00	40.11 2.45 0.00	41.58 2.56 0.00	77.08 4.21 0.00	289.99 14.68 0.00	110.12 5.53 0.00	59.86 2.99 0.00	53.92 2.58 0.00	54.64 2.76 0.00	55.25 2.26 0.00
ASTORIA_GT_5 24106	31.96 1.48 0.00	25.92 1.12 0.01	28.71 1.15 0.01	26.31 1.06 0.01	26.86 1.01 0.01	28.38 1.08 0.01	47.91 2.29 0.00	62.06 2.96 0.00	41.94 1.94 0.00	27.91 1.39 0.00	35.92 2.13 0.00	43.58 2.70 0.00	43.37 2.78 0.00	43.93 2.70 0.00	40.58 2.60 0.00	40.10 2.44 0.00	41.56 2.55 0.00	77.10 4.23 0.00	289.93 14.63 0.00	109.93 5.34 0.00	59.69 2.83 0.01	53.88 2.55 0.00	54.52 2.64 0.00	55.10 2.12 0.01
ASTORIA_GT_7 24107	31.96 1.48 0.00	25.92 1.12 0.01	28.71 1.15 0.01	26.31 1.06 0.01	26.86 1.01 0.01	28.38 1.08 0.01	47.91 2.29 0.00	62.06 2.96 0.00	41.94 1.94 0.00	27.91 1.39 0.00	35.92 2.13 0.00	43.58 2.70 0.00	43.37 2.78 0.00	43.93 2.70 0.00	40.58 2.60 0.00	40.10 2.44 0.00	41.56 2.55 0.00	77.10 4.23 0.00	289.93 14.63 0.00	109.93 5.34 0.00	59.69 2.83 0.01	53.88 2.55 0.00	54.52 2.64 0.00	55.10 2.12 0.01
ASTORIA_GT_8 24108	31.96 1.48 0.00	25.92 1.12 0.01	28.71 1.15 0.01	26.31 1.06 0.01	26.86 1.01 0.01	28.38 1.08 0.01	47.91 2.29 0.00	62.06 2.96 0.00	41.94 1.94 0.00	27.91 1.39 0.00	35.92 2.13 0.00	43.58 2.70 0.00	43.37 2.78 0.00	43.93 2.70 0.00	40.58 2.60 0.00	40.10 2.44 0.00	41.56 2.55 0.00	77.10 4.23 0.00	289.93 14.63 0.00	109.93 5.34 0.00	59.69 2.83 0.01	53.88 2.55 0.00	54.52 2.64 0.00	55.10 2.12 0.01
ASTORIA___2 24149	31.91 1.43 0.00	25.87 1.07 0.01	28.67 1.11 0.01	26.27 1.03 0.01	26.83 0.98 0.01	28.34 1.04 0.01	47.83 2.21 0.00	61.95 2.85 0.00	41.86 1.85 0.00	27.85 1.33 0.00	35.85 2.06 0.00	43.49 2.61 0.00	43.31 2.72 0.00	43.85 2.62 0.00	40.51 2.53 0.00	40.02 2.37 0.00	41.49 2.47 0.00	76.94 4.07 0.00	289.35 14.05 0.00	109.72 5.13 0.00	59.58 2.72 0.01	53.79 2.46 0.00	54.43 2.55 0.00	55.01 2.04 0.01
ASTORIA___3 23516	32.11 1.63 0.00	26.05 1.24 0.00	28.85 1.28 0.00	26.45 1.20 0.00	27.02 1.16 0.00	28.53 1.23 0.00	48.05 2.43 0.00	62.20 3.09 0.00	42.05 2.05 0.00	27.98 1.46 0.00	35.87 2.08 0.00	43.56 2.67 0.00	43.38 2.79 0.00	43.92 2.69 0.00	40.56 2.58 0.00	40.11 2.45 0.00	41.58 2.57 0.00	77.09 4.22 0.00	290.00 14.69 0.00	110.12 5.53 0.00	59.85 2.98 0.00	53.92 2.59 0.00	54.64 2.75 0.00	55.24 2.26 0.00
ASTORIA___4 23517	32.11 1.63 0.00	26.05 1.24 0.00	28.85 1.28 0.00	26.45 1.20 0.00	27.01 1.16 0.00	28.53 1.23 0.00	48.05 2.43 0.00	62.20 3.09 0.00	42.05 2.05 0.00	27.98 1.46 0.00	35.87 2.08 0.00	43.56 2.68 0.00	43.36 2.77 0.00	43.92 2.69 0.00	40.56 2.58 0.00	40.11 2.45 0.00	41.58 2.56 0.00	77.08 4.21 0.00	289.99 14.68 0.00	110.12 5.53 0.00	59.86 2.99 0.00	53.92 2.58 0.00	54.64 2.76 0.00	55.25 2.26 0.00
ASTORIA___5 23518	32.11 1.63 0.00	26.05 1.24 0.00	28.85 1.28 0.00	26.45 1.20 0.00	27.02 1.16 0.00	28.53 1.23 0.00	48.05 2.43 0.00	62.20 3.09 0.00	42.05 2.05 0.00	27.98 1.46 0.00	35.87 2.08 0.00	43.56 2.67 0.00	43.38 2.79 0.00	43.92 2.69 0.00	40.56 2.58 0.00	40.11 2.45 0.00	41.58 2.57 0.00	77.09 4.22 0.00	290.00 14.69 0.00	110.12 5.53 0.00	59.85 2.98 0.00	53.92 2.59 0.00	54.64 2.75 0.00	55.24 2.26 0.00
AST_ENERGY_2_CC3 323677	31.70 1.22 0.00	25.71 0.91 0.01	28.49 0.92 0.01	26.10 0.86 0.01	26.65 0.81 0.01	28.15 0.85 0.01	47.52 1.90 0.00	61.56 2.46 0.00	41.58 1.58 0.00	27.68 1.15 0.00	35.58 1.79 0.00	43.14 2.26 0.00	42.96 2.37 0.00	43.48 2.26 0.00	40.19 2.20 0.00	39.77 2.11 0.00	41.23 2.21 0.00	76.48 3.60 0.00	287.56 12.25 0.00	108.99 4.41 0.00	59.21 2.35 0.01	53.41 2.08 0.00	54.08 2.20 0.00	54.66 1.68 0.01
AST_ENERGY_2_CC4 323678	31.70 1.22 0.00	25.71 0.91 0.01	28.49 0.92 0.01	26.10 0.86 0.01	26.65 0.81 0.01	28.15 0.85 0.01	47.52 1.90 0.00	61.56 2.46 0.00	41.58 1.58 0.00	27.68 1.15 0.00	35.58 1.79 0.00	43.14 2.26 0.00	42.96 2.37 0.00	43.48 2.26 0.00	40.19 2.20 0.00	39.77 2.11 0.00	41.23 2.21 0.00	76.48 3.60 0.00	287.56 12.25 0.00	108.99 4.41 0.00	59.21 2.35 0.01	53.41 2.08 0.00	54.08 2.20 0.00	54.66 1.68 0.01

ATHENS_STG_1 23668	31.14 0.65 0.00	25.34 0.53 0.00	28.20 0.63 0.00	25.85 0.60 0.00	26.38 0.53 0.00	27.84 0.53 0.00	46.70 1.08 0.00	60.34 1.24 0.00	40.82 0.81 0.00	27.07 0.54 0.00	34.53 0.74 0.00	41.74 0.85 0.00	41.54 0.95 0.00	42.16 0.93 0.00	38.93 0.94 0.00	38.59 0.93 0.00	40.10 1.08 0.00	74.85 1.98 0.00	281.72 6.41 0.00	106.70 2.11 0.00	58.10 1.22 0.00	52.47 1.14 0.00	53.06 1.17 0.00	53.97 0.98 0.00
ATHENS_STG_2 23670	31.14 0.65 0.00	25.34 0.53 0.00	28.20 0.63 0.00	25.85 0.60 0.00	26.38 0.53 0.00	27.84 0.53 0.00	46.70 1.08 0.00	60.34 1.24 0.00	40.82 0.81 0.00	27.07 0.54 0.00	34.53 0.74 0.00	41.74 0.85 0.00	41.54 0.95 0.00	42.16 0.93 0.00	38.93 0.94 0.00	38.59 0.93 0.00	40.10 1.08 0.00	74.85 1.98 0.00	281.72 6.41 0.00	106.70 2.11 0.00	58.10 1.22 0.00	52.47 1.14 0.00	53.06 1.17 0.00	53.97 0.98 0.00
ATHENS_STG_3 23677	31.14 0.65 0.00	25.34 0.53 0.00	28.20 0.63 0.00	25.85 0.60 0.00	26.38 0.53 0.00	27.84 0.53 0.00	46.70 1.08 0.00	60.34 1.24 0.00	40.82 0.81 0.00	27.07 0.54 0.00	34.53 0.74 0.00	41.74 0.85 0.00	41.54 0.95 0.00	42.16 0.93 0.00	38.93 0.94 0.00	38.59 0.93 0.00	40.10 1.08 0.00	74.85 1.98 0.00	281.72 6.41 0.00	106.70 2.11 0.00	58.10 1.22 0.00	52.47 1.14 0.00	53.06 1.17 0.00	53.97 0.98 0.00
AUBURN___LFGE 323710	30.27 -0.22 0.00	24.64 -0.17 0.00	27.43 -0.14 0.00	25.04 -0.22 0.00	25.75 -0.11 0.00	27.30 -0.01 0.00	45.73 0.11 0.00	58.95 -0.15 0.00	40.00 0.00 0.00	26.46 -0.06 0.00	33.71 -0.08 0.00	41.13 0.24 0.00	40.79 0.21 0.00	41.45 0.23 0.00	38.13 0.14 0.00	37.59 -0.07 0.00	39.00 -0.19 -0.18	73.06 -0.05 -0.24	275.23 -0.08 0.00	104.70 0.12 0.00	56.87 -0.35 -0.34	51.20 -0.14 0.00	51.76 -0.13 0.00	52.68 -0.30 0.00
BABYLON_RES_REC 323704	32.02 1.54 0.00	25.95 1.14 0.00	28.78 1.21 0.00	26.36 1.11 0.00	26.79 0.94 0.00	27.57 0.90 0.65	46.10 1.97 1.49	59.64 2.61 2.07	40.30 1.54 1.25	28.05 1.17 -0.36	35.73 1.94 0.00	41.14 2.17 1.91	40.39 2.36 2.56	41.08 2.08 2.22	38.98 2.04 1.04	39.35 1.84 0.14	40.21 1.88 0.69	73.61 2.72 1.98	191.44 6.65 90.51	109.86 3.40 -1.87	57.33 1.97 1.52	51.86 1.89 1.37	52.60 2.10 1.38	53.77 1.37 0.59
BALL_HILL_WT_PWR 323825	28.94 -1.54 0.00	23.25 -1.56 0.00	25.68 -1.89 0.00	23.32 -1.93 0.00	24.36 -1.49 0.00	26.19 -1.12 0.00	43.55 -2.07 0.00	56.10 -3.01 0.00	38.34 -1.67 0.00	25.53 -1.00 0.00	32.97 -0.82 0.00	40.78 -0.11 0.00	39.90 -0.69 0.00	40.47 -0.75 0.00	36.88 -1.11 0.00	36.00 -1.66 0.00	35.06 -2.66 1.30	67.53 -4.68 0.66	260.80 -14.51 0.00	99.45 -5.14 0.00	52.42 -3.50 0.95	48.46 -2.88 0.00	49.78 -2.11 0.00	51.72 -1.28 0.00
BARON_WINDS___WT_PWR 323822	28.85 -1.63 0.00	23.33 -1.48 0.00	26.03 -1.54 0.00	23.67 -1.58 0.00	24.36 -1.50 0.00	26.05 -1.26 0.00	43.61 -2.01 0.00	56.19 -2.92 0.00	38.28 -1.72 0.00	25.49 -1.04 0.00	32.81 -0.98 0.00	40.24 -0.65 0.00	39.44 -1.15 0.00	40.15 -1.08 0.00	36.81 -1.17 0.00	36.24 -1.41 0.00	29.85 -2.05 7.12	68.35 -3.33 1.20	264.45 -10.85 0.00	100.70 -3.88 0.00	52.48 -2.67 1.73	49.07 -2.27 0.00	50.02 -1.86 0.00	51.60 -1.39 0.00
BARRETT_IC_1 23704	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00
BARRETT_IC_10 23701	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00
BARRETT_IC_11 23702	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00
BARRETT_IC_12 23703	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00
BARRETT_IC_2 23705	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00
BARRETT_IC_3 23706	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00
BARRETT_IC_4 23707	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00
BARRETT_IC_5 23708	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00

BARRETT_IC_6 23709	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00
BARRETT_IC_7 23710	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.11 2.23 0.00	43.00 2.42 0.00	43.38 2.15 0.00	41.23 2.28 -0.97	40.48 2.12 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.24 8.62 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.42 2.08 0.00	53.87 1.99 0.00	54.33 1.34 0.00
BARRETT_IC_8 23711	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00
BARRETT_IC_9 23700	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00
BARRETT___1 23545	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00
BARRETT___2 23546	31.89 1.40 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.24 0.99 0.00	26.69 0.84 0.00	28.13 0.82 0.00	47.36 1.74 0.00	61.17 2.06 0.00	41.18 1.17 0.00	28.31 0.98 -0.81	35.63 1.83 0.00	43.10 2.22 0.00	43.01 2.42 0.00	43.39 2.16 0.00	41.22 2.26 -0.97	40.42 2.06 -0.70	41.11 2.09 0.00	76.05 3.18 0.00	181.23 8.60 102.69	112.87 3.85 -4.43	59.21 2.34 0.00	53.43 2.09 0.00	53.88 1.99 0.00	54.32 1.33 0.00
BATAVIA__115KV_TB1 55881	29.51 -0.97 0.00	23.88 -0.93 0.00	26.48 -1.09 0.00	24.06 -1.19 0.00	24.94 -0.92 0.00	26.86 -0.45 0.00	44.72 -0.90 0.00	57.71 -1.39 0.00	39.57 -0.44 0.00	26.37 -0.16 0.00	33.87 0.08 0.00	41.73 0.84 0.00	40.89 0.30 0.00	41.29 0.06 0.00	37.56 -0.43 0.00	36.27 -1.39 0.00	35.73 -2.44 0.84	68.15 -4.21 0.51	263.31 -12.00 0.00	102.49 -2.10 0.00	54.35 -1.79 0.73	49.89 -1.44 0.00	50.88 -1.01 0.00	52.63 -0.36 0.00
BAYONEEC___CTG1 323682	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.95 1.10 0.00	28.49 1.18 0.00	48.02 2.40 0.00	62.13 3.02 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.77 1.98 0.00	43.44 2.55 0.00	43.27 2.68 0.00	43.83 2.60 0.00	40.46 2.47 0.00	40.03 2.37 0.00	41.51 2.49 0.00	77.06 4.19 0.00	289.91 14.60 0.00	109.99 5.40 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.15 2.16 0.00
BAYONEEC___CTG10 323750	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.95 1.10 0.00	28.49 1.18 0.00	48.02 2.40 0.00	62.13 3.02 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.77 1.98 0.00	43.44 2.55 0.00	43.27 2.68 0.00	43.83 2.60 0.00	40.46 2.47 0.00	40.03 2.37 0.00	41.51 2.49 0.00	77.06 4.19 0.00	289.91 14.60 0.00	109.99 5.40 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.15 2.16 0.00
BAYONEEC___CTG2 323683	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.95 1.10 0.00	28.49 1.18 0.00	48.02 2.40 0.00	62.13 3.02 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.77 1.98 0.00	43.44 2.55 0.00	43.27 2.68 0.00	43.83 2.60 0.00	40.46 2.47 0.00	40.03 2.37 0.00	41.51 2.49 0.00	77.06 4.19 0.00	289.91 14.60 0.00	109.99 5.40 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.15 2.16 0.00
BAYONEEC___CTG3 323684	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.95 1.10 0.00	28.49 1.18 0.00	48.02 2.40 0.00	62.13 3.02 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.77 1.98 0.00	43.44 2.55 0.00	43.27 2.68 0.00	43.83 2.60 0.00	40.46 2.47 0.00	40.03 2.37 0.00	41.51 2.49 0.00	77.06 4.19 0.00	289.91 14.60 0.00	109.99 5.40 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.15 2.16 0.00
BAYONEEC___CTG4 323685	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.95 1.10 0.00	28.49 1.18 0.00	48.02 2.40 0.00	62.13 3.02 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.77 1.98 0.00	43.44 2.55 0.00	43.27 2.68 0.00	43.83 2.60 0.00	40.46 2.47 0.00	40.03 2.37 0.00	41.51 2.49 0.00	77.06 4.19 0.00	289.91 14.60 0.00	109.99 5.40 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.15 2.16 0.00
BAYONEEC___CTG5 323686	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.95 1.10 0.00	28.49 1.18 0.00	48.02 2.40 0.00	62.13 3.02 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.77 1.98 0.00	43.44 2.55 0.00	43.27 2.68 0.00	43.83 2.60 0.00	40.46 2.47 0.00	40.03 2.37 0.00	41.51 2.49 0.00	77.06 4.19 0.00	289.91 14.60 0.00	109.99 5.40 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.15 2.16 0.00
BAYONEEC___CTG6 323687	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.95 1.10 0.00	28.49 1.18 0.00	48.02 2.40 0.00	62.13 3.02 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.77 1.98 0.00	43.44 2.55 0.00	43.27 2.68 0.00	43.83 2.60 0.00	40.46 2.47 0.00	40.03 2.37 0.00	41.51 2.49 0.00	77.06 4.19 0.00	289.91 14.60 0.00	109.99 5.40 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.15 2.16 0.00
BAYONEEC___CTG7 323688	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.95 1.10 0.00	28.49 1.18 0.00	48.02 2.40 0.00	62.13 3.02 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.77 1.98 0.00	43.44 2.55 0.00	43.27 2.68 0.00	43.83 2.60 0.00	40.46 2.47 0.00	40.03 2.37 0.00	41.51 2.49 0.00	77.06 4.19 0.00	289.91 14.60 0.00	109.99 5.40 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.15 2.16 0.00

BAYONEEC___CTG8 323689	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.95 1.10 0.00	28.49 1.18 0.00	48.02 2.40 0.00	62.13 3.02 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.77 1.98 0.00	43.44 2.55 0.00	43.27 2.68 0.00	43.83 2.60 0.00	40.46 2.47 0.00	40.03 2.37 0.00	41.51 2.49 0.00	77.06 4.19 0.00	289.91 14.60 0.00	109.99 5.40 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.15 2.16 0.00
BAYONEEC___CTG9 323749	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.95 1.10 0.00	28.49 1.18 0.00	48.02 2.40 0.00	62.13 3.02 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.77 1.98 0.00	43.44 2.55 0.00	43.27 2.68 0.00	43.83 2.60 0.00	40.46 2.47 0.00	40.03 2.37 0.00	41.51 2.49 0.00	77.06 4.19 0.00	289.91 14.60 0.00	109.99 5.40 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.15 2.16 0.00
BEACON___LESR 323632	30.91 0.43 0.00	25.22 0.41 0.00	28.07 0.51 0.00	25.72 0.47 0.00	26.31 0.45 0.00	27.88 0.57 0.00	46.70 1.08 0.00	60.26 1.16 0.00	40.68 0.68 0.00	26.89 0.36 0.00	34.15 0.36 0.00	40.90 0.02 0.00	40.94 0.35 0.00	41.67 0.44 0.00	38.60 0.61 0.00	38.34 0.68 0.00	39.97 0.95 0.00	74.41 1.54 0.00	280.81 5.50 0.00	105.98 1.40 0.00	57.77 0.90 0.00	52.10 0.76 0.00	52.54 0.65 0.00	53.59 0.60 0.00
BEAVER RIVER___HYD 24048	30.69 0.21 0.00	24.99 0.17 0.00	27.53 -0.04 0.00	25.23 -0.02 0.00	26.21 0.35 0.00	27.29 -0.02 0.00	46.55 0.93 0.00	60.64 1.54 0.00	40.23 0.22 0.00	26.42 -0.10 0.00	33.70 -0.09 0.00	40.89 0.01 0.00	40.30 -0.28 0.00	40.60 -0.63 0.00	37.66 -0.32 0.00	38.00 0.34 0.00	39.42 0.40 0.00	74.49 1.62 0.00	284.11 8.80 0.00	108.25 3.67 0.00	58.58 1.71 0.00	52.46 1.12 0.00	52.93 1.04 0.00	54.61 1.62 0.00
BEEBEE_GT_13 23619	29.74 -0.75 0.00	24.11 -0.70 0.00	26.75 -0.82 0.00	24.40 -0.85 0.00	25.16 -0.69 0.00	26.87 -0.44 0.00	44.86 -0.77 0.00	58.03 -1.07 0.00	39.56 -0.45 0.00	26.29 -0.23 0.00	33.72 -0.07 0.00	41.24 0.36 0.00	40.61 0.03 0.00	41.18 -0.05 0.00	37.71 -0.27 0.00	37.05 -0.61 0.00	37.86 -1.15 0.00	70.50 -2.01 0.36	269.58 -5.73 0.00	102.78 -1.81 0.00	54.97 -1.38 0.52	50.18 -1.15 0.00	50.90 -0.98 0.00	52.30 -0.69 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.32 1.83 0.00	26.20 1.39 0.00	29.02 1.45 0.00	26.58 1.33 0.00	27.16 1.31 0.00	28.72 1.42 0.00	48.43 2.81 0.00	62.67 3.56 0.00	42.41 2.41 0.00	28.19 1.67 0.00	36.09 2.29 0.00	43.79 2.91 0.00	43.58 2.99 0.00	44.14 2.91 0.00	40.79 2.80 0.00	40.31 2.66 0.00	41.81 2.80 0.00	77.50 4.63 0.00	292.06 16.75 0.00	111.00 6.41 0.00	60.30 3.42 0.00	54.27 2.94 0.00	55.00 3.11 0.00	55.62 2.63 0.00
BETHLEHEM___GRP 23843	30.49 0.01 0.00	24.93 0.12 0.00	27.73 0.16 0.00	25.42 0.17 0.00	25.96 0.10 0.00	27.42 0.12 0.00	45.70 0.08 0.00	58.93 -0.17 0.00	39.86 -0.14 0.00	26.41 -0.11 0.00	33.61 -0.19 0.00	40.28 -0.61 0.00	40.14 -0.45 0.00	40.82 -0.40 0.00	37.83 -0.15 0.00	37.55 -0.11 0.00	39.14 0.12 0.00	73.09 0.21 0.00	275.70 0.39 0.00	104.06 -0.53 0.00	56.74 -0.14 0.00	51.20 -0.14 0.00	51.66 -0.23 0.00	52.70 -0.29 0.00
BETHLEHEM___GS1 323560	30.49 0.01 0.00	24.93 0.12 0.00	27.73 0.16 0.00	25.42 0.17 0.00	25.96 0.10 0.00	27.43 0.12 0.00	45.70 0.08 0.00	58.94 -0.17 0.00	39.86 -0.14 0.00	26.41 -0.11 0.00	33.61 -0.19 0.00	40.27 -0.62 0.00	40.16 -0.43 0.00	40.82 -0.40 0.00	37.83 -0.15 0.00	37.55 -0.10 0.00	39.14 0.12 0.00	73.09 0.21 0.00	275.69 0.38 0.00	104.06 -0.53 0.00	56.74 -0.14 0.00	51.20 -0.14 0.00	51.66 -0.23 0.00	52.71 -0.28 0.00
BETHLEHEM___GS2 323561	30.49 0.01 0.00	24.93 0.12 0.00	27.73 0.16 0.00	25.42 0.17 0.00	25.96 0.10 0.00	27.43 0.12 0.00	45.70 0.08 0.00	58.94 -0.17 0.00	39.86 -0.14 0.00	26.41 -0.11 0.00	33.61 -0.19 0.00	40.27 -0.62 0.00	40.16 -0.43 0.00	40.82 -0.40 0.00	37.83 -0.15 0.00	37.55 -0.10 0.00	39.14 0.12 0.00	73.09 0.21 0.00	275.69 0.38 0.00	104.06 -0.53 0.00	56.74 -0.14 0.00	51.20 -0.14 0.00	51.66 -0.23 0.00	52.71 -0.28 0.00
BETHLEHEM___GS3 323562	30.49 0.01 0.00	24.93 0.12 0.00	27.73 0.16 0.00	25.42 0.17 0.00	25.96 0.10 0.00	27.43 0.12 0.00	45.70 0.08 0.00	58.94 -0.17 0.00	39.86 -0.14 0.00	26.41 -0.11 0.00	33.61 -0.19 0.00	40.27 -0.62 0.00	40.16 -0.43 0.00	40.82 -0.40 0.00	37.83 -0.15 0.00	37.55 -0.10 0.00	39.14 0.12 0.00	73.09 0.21 0.00	275.69 0.38 0.00	104.06 -0.53 0.00	56.74 -0.14 0.00	51.20 -0.14 0.00	51.66 -0.23 0.00	52.71 -0.28 0.00
BETHLEHEM___STEEL 23779	28.83 -1.65 0.00	23.29 -1.52 0.00	25.80 -1.77 0.00	23.40 -1.85 0.00	24.30 -1.56 0.00	26.17 -1.13 0.00	43.49 -2.13 0.00	55.98 -3.13 0.00	38.39 -1.61 0.00	25.64 -0.89 0.00	33.07 -0.72 0.00	40.87 -0.02 0.00	39.98 -0.61 0.00	40.52 -0.71 0.00	36.87 -1.11 0.00	35.97 -1.69 0.00	34.79 -2.74 1.49	67.32 -4.89 0.66	259.98 -15.33 0.00	99.31 -5.28 0.00	52.38 -3.54 0.95	48.41 -2.92 0.00	49.67 -2.22 0.00	51.58 -1.41 0.00
BETHLHEM_115KV_TB1 79974	30.58 0.09 0.00	24.98 0.17 0.00	27.79 0.22 0.00	25.48 0.23 0.00	26.02 0.17 0.00	27.49 0.18 0.00	45.84 0.22 0.00	59.14 0.03 0.00	40.00 0.00 0.00	26.51 -0.02 0.00	33.73 -0.06 0.00	40.45 -0.44 0.00	40.32 -0.27 0.00	40.99 -0.24 0.00	37.98 0.00 0.00	37.68 0.02 0.00	39.25 0.24 0.00	73.29 0.41 0.00	276.46 1.15 0.00	104.42 -0.17 0.00	56.92 0.05 0.00	51.37 0.04 0.00	51.85 -0.04 0.00	52.89 -0.10 0.00
BETHPAGE_CC_5 323564	31.96 1.48 0.00	25.92 1.11 0.00	28.73 1.17 0.00	26.32 1.07 0.00	26.75 0.89 0.00	28.17 0.87 0.00	47.49 1.87 0.00	61.55 2.45 0.00	41.47 1.46 0.00	28.59 1.16 -0.90	35.66 1.87 0.00	42.05 2.16 0.99	41.62 2.35 1.33	42.15 2.08 1.15	39.76 2.23 0.45	39.70 2.05 0.01	41.08 2.07 0.00	76.31 3.44 0.00	206.58 9.91 78.65	114.00 4.49 -4.92	59.36 2.49 0.00	53.45 2.12 0.00	53.95 2.06 0.00	54.34 1.36 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.88 -1.60 0.00	23.34 -1.47 0.00	25.85 -1.72 0.00	23.44 -1.81 0.00	24.34 -1.52 0.00	26.21 -1.10 0.00	43.57 -2.05 0.00	56.12 -2.98 0.00	38.48 -1.53 0.00	25.70 -0.83 0.00	33.16 -0.63 0.00	40.96 0.07 0.00	40.08 -0.51 0.00	40.60 -0.63 0.00	36.97 -1.02 0.00	36.07 -1.59 0.00	34.96 -2.61 1.45	67.56 -4.64 0.67	260.82 -14.49 0.00	99.59 -5.00 0.00	52.51 -3.40 0.96	48.53 -2.80 0.00	49.78 -2.11 0.00	51.66 -1.33 0.00
BINGHAMTON___COGEN 23790	30.36 -0.13 0.00	24.59 -0.22 0.00	27.39 -0.18 0.00	25.06 -0.19 0.00	25.69 -0.16 0.00	27.24 -0.07 0.00	45.63 0.00 0.00	59.00 -0.10 0.00	39.92 -0.08 0.00	26.46 -0.07 0.00	33.90 0.11 0.00	41.35 0.46 0.00	40.84 0.25 0.00	41.50 0.27 0.00	38.14 0.16 0.00	37.74 0.08 0.00	38.87 -0.14 0.00	72.33 -0.24 0.30	274.37 -0.94 0.00	104.38 -0.20 0.00	56.00 -0.44 0.43	51.01 -0.32 0.00	51.74 -0.15 0.00	52.93 -0.06 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	32.16 1.68 0.00	26.07 1.26 0.00	28.92 1.35 0.00	26.47 1.22 0.00	26.89 1.04 0.00	24.99 0.94 3.26	40.12 2.05 7.55	51.33 2.68 10.46	35.31 1.59 6.29	26.03 1.20 1.69	35.88 2.09 0.00	39.34 2.47 4.02	37.90 2.69 5.37	38.94 2.38 4.67	38.21 2.57 2.34	39.67 2.42 0.41	37.90 2.36 3.47	66.77 3.90 10.00	163.27 9.08 121.12	99.35 4.51 9.75	52.08 2.87 7.67	46.77 2.35 6.91	47.02 2.12 6.98	51.42 1.40 2.96
BRISTLHL_115KV_TB1 79998	29.79 -0.69 0.00	24.22 -0.59 0.00	26.91 -0.66 0.00	24.67 -0.58 0.00	25.28 -0.58 0.00	26.70 -0.61 0.00	44.65 -0.97 0.00	57.87 -1.24 0.00	39.15 -0.86 0.00	25.93 -0.60 0.00	33.08 -0.72 0.00	40.17 -0.72 0.00	39.79 -0.80 0.00	40.40 -0.83 0.00	37.15 -0.84 0.00	36.72 -0.95 0.00	38.06 -0.95 0.00	71.09 -1.78 0.00	268.48 -6.83 0.00	102.13 -2.46 0.00	55.41 -1.46 0.00	50.03 -1.31 0.00	50.53 -1.36 0.00	51.65 -1.34 0.00
BROOKHAVEN___DRP 24191	31.96 1.48 0.00	25.84 1.03 0.00	28.71 1.14 0.00	26.33 1.08 0.00	26.71 0.86 0.00	24.27 0.78 3.82	38.39 1.59 8.82	48.96 2.08 12.22	33.78 1.13 7.35	25.36 0.97 2.13	35.40 1.61 0.00	-0.55 1.45 42.89	-14.96 1.76 57.31	-7.20 1.45 49.88	14.11 1.70 25.58	34.49 1.59 4.75	36.90 1.94 4.06	64.44 3.25 11.68	151.64 6.00 129.67	96.60 4.26 12.24	50.44 2.52 8.95	45.28 2.02 8.07	45.19 1.46 8.16	49.99 0.47 3.46
BROOKLYN_NAVY_YARD 23515	31.99 1.50 0.00	25.95 1.15 0.00	28.75 1.18 0.00	26.36 1.11 0.00	26.91 1.06 0.00	28.45 1.14 0.00	47.88 2.26 0.00	61.98 2.88 0.00	41.91 1.91 0.00	27.82 1.30 0.00	35.70 1.91 0.00	43.35 2.46 0.00	43.16 2.57 0.00	43.71 2.48 0.00	40.37 2.39 0.00	39.93 2.27 0.00	41.39 2.37 0.00	76.78 3.91 0.01	288.99 13.68 0.00	109.65 5.06 0.00	59.55 2.68 0.00	53.68 2.35 0.00	54.41 2.52 0.00	55.04 2.05 0.00
BROOKLYN___ARMY_DRP 323595	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.34 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.31 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.59 2.71 0.00	43.38 2.79 0.00	43.94 2.72 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.63 2.61 0.00	77.15 4.27 0.00	290.67 15.36 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.68 0.00	54.75 2.87 0.00	55.39 2.40 0.00
BROOME_2_LFGE 323671	30.36 -0.13 0.00	24.59 -0.22 0.00	27.39 -0.18 0.00	25.06 -0.19 0.00	25.69 -0.16 0.00	27.24 -0.07 0.00	45.63 0.01 0.00	59.00 -0.10 0.00	39.92 -0.08 0.00	26.46 -0.07 0.00	33.90 0.11 0.00	41.35 0.46 0.00	40.83 0.24 0.00	41.50 0.27 0.00	38.14 0.15 0.00	37.74 0.08 0.00	38.87 -0.14 0.00	72.34 -0.23 0.30	274.43 -0.88 0.00	104.39 -0.20 0.00	56.00 -0.44 0.43	51.01 -0.32 0.00	51.74 -0.15 0.00	52.93 -0.06 0.00
BROOME___LFGE 323600	30.36 -0.13 0.00	24.59 -0.22 0.00	27.39 -0.18 0.00	25.06 -0.19 0.00	25.69 -0.16 0.00	27.24 -0.07 0.00	45.63 0.01 0.00	59.00 -0.10 0.00	39.92 -0.08 0.00	26.46 -0.07 0.00	33.90 0.11 0.00	41.35 0.46 0.00	40.83 0.24 0.00	41.50 0.27 0.00	38.14 0.15 0.00	37.74 0.08 0.00	38.87 -0.14 0.00	72.34 -0.23 0.30	274.43 -0.88 0.00	104.39 -0.20 0.00	56.00 -0.44 0.43	51.01 -0.32 0.00	51.74 -0.15 0.00	52.93 -0.06 0.00
BROWNFLS_115KV_TB_3_5 80003	30.93 0.45 0.00	25.17 0.36 0.00	27.78 0.21 0.00	25.45 0.20 0.00	26.32 0.47 0.00	27.55 0.24 0.00	46.47 0.84 0.00	60.40 1.29 0.00	40.37 0.36 0.00	26.62 0.09 0.00	33.94 0.15 0.00	41.14 0.26 0.00	40.76 0.17 0.00	41.18 -0.04 0.00	38.07 0.08 0.00	38.15 0.49 0.00	39.31 0.30 0.00	73.75 0.87 0.00	281.34 6.04 0.00	107.51 2.92 0.00	58.48 1.61 0.00	52.74 1.41 0.00	53.25 1.36 0.00	54.75 1.77 0.00
BROWNSV1_27_KV_LOAD 356125	32.28 1.80 0.00	26.17 1.36 0.00	28.98 1.41 0.00	26.56 1.31 0.00	27.13 1.27 0.00	28.68 1.38 0.00	48.37 2.75 0.00	62.62 3.51 0.00	42.34 2.34 0.00	28.14 1.61 0.00	36.07 2.28 0.00	43.80 2.92 0.00	43.60 3.02 0.00	44.17 2.95 0.00	40.79 2.81 0.00	40.34 2.69 0.00	41.84 2.82 0.00	77.68 4.81 0.00	292.36 17.06 0.00	110.93 6.34 0.00	60.27 3.40 0.00	54.26 2.92 0.00	54.95 3.06 0.00	55.59 2.60 0.00
BURROWS___LYONSDAL 23803	30.79 0.30 0.00	25.05 0.24 0.00	27.70 0.13 0.00	25.41 0.16 0.00	26.26 0.40 0.00	27.48 0.17 0.00	46.73 1.11 0.00	60.68 1.58 0.00	40.48 0.47 0.00	26.64 0.12 0.00	34.03 0.24 0.00	41.23 0.35 0.00	40.70 0.11 0.00	41.19 -0.03 0.00	38.14 0.15 0.00	38.29 0.63 0.00	39.76 0.75 0.00	74.86 1.99 0.00	284.26 8.95 0.00	108.04 3.45 0.00	58.47 1.59 0.00	52.35 1.01 0.00	52.80 0.91 0.00	54.28 1.29 0.00
CAITHNESS_CC_1 323624	31.92 1.44 0.00	25.81 1.00 0.00	28.68 1.11 0.00	26.29 1.04 0.00	26.68 0.83 0.00	24.18 0.73 3.87	38.21 1.52 8.94	48.70 1.98 12.38	33.62 1.07 7.45	25.28 0.93 2.18	35.36 1.57 0.00	-0.60 1.45 42.93	-15.00 1.78 57.37	-7.24 1.46 49.93	14.09 1.71 25.61	34.44 1.54 4.76	36.80 1.89 4.11	64.14 3.11 11.84	150.93 5.82 130.20	96.16 4.04 12.47	50.19 2.40 9.07	45.08 1.93 8.18	45.03 1.41 8.27	49.95 0.47 3.51
CALPINE BETH_PAGE_GT4 24209	32.02 1.54 0.00	25.96 1.15 0.00	28.77 1.20 0.00	26.36 1.11 0.00	26.81 0.95 0.00	28.25 0.94 0.00	47.64 2.02 0.00	61.73 2.62 0.00	41.59 1.58 0.00	28.72 1.23 -0.96	35.74 1.95 0.00	43.14 2.25 0.00	43.00 2.41 0.00	43.37 2.14 0.00	40.46 2.29 -0.18	39.94 2.15 -0.13	41.15 2.13 0.00	76.48 3.61 0.00	214.20 10.64 71.76	114.61 4.78 -5.24	59.48 2.61 0.00	53.56 2.23 0.00	54.03 2.15 0.00	54.44 1.46 0.00
CALPINE_BETH_PAGE_GT_4 323586	32.02 1.54 0.00	25.96 1.15 0.00	28.77 1.20 0.00	26.36 1.11 0.00	26.81 0.95 0.00	28.25 0.94 0.00	47.64 2.02 0.00	61.73 2.63 0.00	41.59 1.59 0.00	28.72 1.23 -0.96	35.74 1.95 0.00	43.14 2.25 0.00	43.01 2.42 0.00	43.37 2.15 0.00	40.46 2.29 -0.18	39.91 2.12 -0.13	41.15 2.14 0.00	76.48 3.60 0.00	214.20 10.65 71.76	114.61 4.78 -5.24	59.49 2.61 0.00	53.57 2.24 0.00	54.04 2.15 0.00	54.45 1.46 0.00
CALPINE_BP_GT1 23823	32.02 1.54 0.00	25.96 1.15 0.00	28.77 1.20 0.00	26.36 1.11 0.00	26.81 0.95 0.00	28.25 0.94 0.00	47.64 2.02 0.00	61.73 2.63 0.00	41.59 1.59 0.00	28.72 1.23 -0.96	35.74 1.95 0.00	43.14 2.25 0.00	43.01 2.42 0.00	43.37 2.15 0.00	40.46 2.29 -0.18	39.91 2.12 -0.13	41.15 2.14 0.00	76.48 3.60 0.00	214.20 10.65 71.76	114.61 4.78 -5.24	59.49 2.61 0.00	53.57 2.24 0.00	54.04 2.15 0.00	54.45 1.46 0.00
CALSPAN___DRP 24200	28.83 -1.65 0.00	23.29 -1.52 0.00	25.80 -1.77 0.00	23.40 -1.85 0.00	24.30 -1.56 0.00	26.17 -1.13 0.00	43.49 -2.13 0.00	55.98 -3.13 0.00	38.39 -1.61 0.00	25.64 -0.89 0.00	33.07 -0.72 0.00	40.87 -0.02 0.00	39.98 -0.61 0.00	40.52 -0.71 0.00	36.87 -1.11 0.00	35.97 -1.69 0.00	34.79 -2.74 1.49	67.32 -4.89 0.66	259.98 -15.33 0.00	99.31 -5.28 0.00	52.38 -3.54 0.95	48.41 -2.92 0.00	49.67 -2.22 0.00	51.58 -1.41 0.00

CALVERTON___SOLAR 323806	32.00 1.52 0.00	25.87 1.06 0.00	28.73 1.16 0.00	26.36 1.11 0.00	26.73 0.88 0.00	24.31 0.80 3.80	38.46 1.61 8.77	49.10 2.15 12.15	33.87 1.17 7.31	25.39 0.99 2.12	35.42 1.63 0.00	-0.58 1.43 42.90	-14.98 1.75 57.32	-7.24 1.43 49.89	14.10 1.70 25.59	34.47 1.57 4.75	36.97 1.99 4.03	64.59 3.34 11.62	152.12 6.27 129.46	96.91 4.47 12.15	50.61 2.64 8.91	45.46 2.15 8.03	45.28 1.51 8.11	50.04 0.49 3.44
CANDIGU_WT_PWR 323617	28.85 -1.63 0.00	23.33 -1.48 0.00	26.03 -1.54 0.00	23.67 -1.58 0.00	24.36 -1.50 0.00	26.05 -1.26 0.00	43.61 -2.01 0.00	56.19 -2.92 0.00	38.28 -1.72 0.00	25.49 -1.04 0.00	32.81 -0.98 0.00	40.24 -0.65 0.00	39.44 -1.15 0.00	40.15 -1.08 0.00	36.81 -1.17 0.00	36.24 -1.41 0.00	29.85 -2.05 7.12	68.35 -3.33 1.20	264.45 -10.85 0.00	100.70 -3.88 0.00	52.48 -2.67 1.73	49.07 -2.27 0.00	50.02 -1.86 0.00	51.60 -1.39 0.00
CARR STREET_E_SYR 24060	29.95 -0.54 0.00	24.34 -0.47 0.00	27.06 -0.51 0.00	24.79 -0.46 0.00	25.41 -0.44 0.00	26.87 -0.44 0.00	44.95 -0.67 0.00	58.22 -0.89 0.00	39.39 -0.62 0.00	26.10 -0.43 0.00	33.33 -0.46 0.00	40.50 -0.39 0.00	40.11 -0.47 0.00	40.76 -0.47 0.00	37.51 -0.47 0.00	37.13 -0.53 0.00	38.41 -0.61 0.00	71.70 -1.18 0.00	270.75 -4.56 0.00	102.93 -1.66 0.00	55.82 -1.05 0.00	50.37 -0.96 0.00	50.88 -1.01 0.00	51.98 -1.01 0.00
CARTHAGE___PAPER 23857	30.83 0.35 0.00	25.09 0.28 0.00	27.60 0.03 0.00	25.30 0.05 0.00	26.33 0.47 0.00	27.43 0.12 0.00	46.86 1.24 0.00	61.19 2.08 0.00	40.51 0.51 0.00	26.57 0.05 0.00	33.80 0.01 0.00	41.02 0.13 0.00	40.39 -0.20 0.00	40.64 -0.59 0.00	37.74 -0.24 0.00	38.15 0.49 0.00	39.64 0.63 0.00	75.20 2.33 0.00	286.90 11.59 0.00	109.32 4.74 0.00	59.06 2.19 0.00	52.86 1.52 0.00	53.33 1.44 0.00	55.05 2.07 0.00
CASSADAGA_WT_PWR 323784	29.16 -1.32 0.00	23.15 -1.66 0.00	25.21 -2.36 0.00	23.09 -2.16 0.00	24.42 -1.43 0.00	26.06 -1.24 0.00	43.65 -1.97 0.00	56.53 -2.58 0.00	38.48 -1.53 0.00	25.50 -1.02 0.00	32.98 -0.81 0.00	40.71 -0.18 0.00	39.98 -0.61 0.00	40.56 -0.67 0.00	37.02 -0.96 0.00	36.21 -1.44 0.00	35.43 -2.32 1.26	68.47 -3.72 0.68	264.13 -11.17 0.00	100.24 -4.35 0.00	52.82 -3.07 0.98	49.04 -2.30 0.00	50.65 -1.23 0.00	52.62 -0.37 0.00
CE_DUNWOOD___DRP 24194	31.89 1.41 0.00	25.87 1.06 0.00	28.67 1.10 0.00	26.29 1.03 0.00	26.84 0.98 0.00	28.37 1.06 0.00	47.79 2.17 0.00	61.81 2.71 0.00	41.78 1.77 0.00	27.75 1.23 0.00	35.56 1.77 0.00	43.16 2.27 0.00	42.98 2.39 0.00	43.55 2.33 0.00	40.22 2.24 0.00	39.80 2.15 0.00	41.28 2.26 0.00	76.71 3.84 0.00	288.81 13.50 0.00	109.53 4.94 0.00	59.49 2.62 0.00	53.57 2.24 0.00	54.22 2.33 0.00	54.91 1.92 0.00
CE_MILLWOOD___DRP 24193	31.86 1.37 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.25 1.00 0.00	26.81 0.96 0.00	28.34 1.03 0.00	47.74 2.12 0.00	61.73 2.62 0.00	41.72 1.71 0.00	27.70 1.18 0.00	35.50 1.71 0.00	43.09 2.20 0.00	42.91 2.32 0.00	43.48 2.25 0.00	40.15 2.16 0.00	39.74 2.08 0.00	41.22 2.20 0.00	76.63 3.75 0.00	288.51 13.20 0.00	109.41 4.82 0.00	59.42 2.54 0.00	53.49 2.16 0.00	54.14 2.25 0.00	54.83 1.85 0.00
CE_NYC2_DRP 24202	32.12 1.63 0.00	26.05 1.24 0.00	28.85 1.28 0.00	26.45 1.20 0.00	27.01 1.16 0.00	28.53 1.22 0.00	48.06 2.44 0.00	62.20 3.09 0.00	42.06 2.06 0.00	27.98 1.46 0.00	35.87 2.08 0.00	43.56 2.68 0.00	43.36 2.78 0.00	43.93 2.70 0.00	40.56 2.58 0.00	40.12 2.46 0.00	41.59 2.58 0.00	77.12 4.24 0.00	290.05 14.74 0.00	110.14 5.55 0.00	59.86 2.99 0.00	53.92 2.58 0.00	54.63 2.74 0.00	55.25 2.26 0.00
CE_NYC_DRP 24195	32.09 1.61 0.00	26.03 1.22 0.00	28.82 1.25 0.00	26.42 1.18 0.00	26.98 1.13 0.00	28.53 1.22 0.00	48.07 2.45 0.00	62.20 3.09 0.00	42.06 2.06 0.00	27.95 1.43 0.00	35.84 2.05 0.00	43.52 2.63 0.00	43.34 2.75 0.00	43.92 2.70 0.00	40.54 2.56 0.00	40.11 2.45 0.00	41.59 2.57 0.00	77.22 4.35 0.00	290.42 15.11 0.00	110.18 5.59 0.00	59.85 2.98 0.00	53.90 2.56 0.00	54.60 2.71 0.00	55.24 2.25 0.00
CHAFFEE___LFGE 323603	28.96 -1.52 0.00	23.39 -1.42 0.00	25.93 -1.64 0.00	23.52 -1.73 0.00	24.40 -1.45 0.00	26.29 -1.02 0.00	43.73 -1.90 0.00	56.34 -2.77 0.00	38.61 -1.39 0.00	25.78 -0.75 0.00	33.24 -0.55 0.00	41.07 0.19 0.00	40.12 -0.47 0.00	40.71 -0.51 0.00	37.06 -0.92 0.00	36.18 -1.48 0.00	35.17 -2.47 1.38	67.81 -4.39 0.68	261.64 -13.67 0.00	99.99 -4.60 0.00	52.71 -3.19 0.98	48.70 -2.64 0.00	49.90 -1.99 0.00	51.73 -1.26 0.00
CHATEAUG_35_KV_LOAD 355732	30.92 0.44 0.00	25.14 0.33 0.00	27.76 0.19 0.00	25.38 0.13 0.00	26.09 0.23 0.00	27.58 0.27 0.00	45.57 -0.05 0.00	59.47 0.37 0.00	40.28 0.27 0.00	26.76 0.24 0.00	33.90 0.11 0.00	40.92 0.03 0.00	40.82 0.23 0.00	41.56 0.33 0.00	38.34 0.36 0.00	38.14 0.48 0.00	39.07 0.05 0.00	72.55 -0.32 0.00	277.00 1.69 0.00	106.33 1.74 0.00	57.79 0.91 0.00	52.10 0.76 0.00	52.89 1.00 0.00	54.16 1.18 0.00
CHATEAUG_WT_PWR 323614	30.84 0.35 0.00	25.07 0.26 0.00	27.70 0.14 0.00	25.34 0.09 0.00	26.04 0.19 0.00	27.51 0.20 0.00	45.41 -0.21 0.00	59.23 0.12 0.00	40.13 0.12 0.00	26.71 0.18 0.00	33.85 0.06 0.00	40.85 -0.03 0.00	40.76 0.17 0.00	41.50 0.27 0.00	38.24 0.25 0.00	38.07 0.41 0.00	39.00 -0.01 0.00	72.32 -0.55 0.00	275.57 0.26 0.00	105.68 1.09 0.00	57.50 0.62 0.00	51.87 0.54 0.00	52.67 0.78 0.00	53.95 0.96 0.00
CHAT_HIGH_FALL_HYD 323578	30.92 0.44 0.00	25.14 0.33 0.00	27.76 0.19 0.00	25.38 0.13 0.00	26.09 0.23 0.00	27.58 0.27 0.00	45.57 -0.05 0.00	59.47 0.37 0.00	40.28 0.27 0.00	26.76 0.24 0.00	33.90 0.11 0.00	40.92 0.03 0.00	40.82 0.23 0.00	41.56 0.33 0.00	38.34 0.36 0.00	38.14 0.48 0.00	39.07 0.05 0.00	72.55 -0.32 0.00	277.00 1.69 0.00	106.33 1.74 0.00	57.79 0.91 0.00	52.10 0.76 0.00	52.89 1.00 0.00	54.16 1.18 0.00
CHAUTAUQUA___LFGE 323629	29.09 -1.39 0.00	23.26 -1.54 0.00	25.60 -1.96 0.00	23.29 -1.96 0.00	24.46 -1.40 0.00	26.24 -1.07 0.00	43.76 -1.86 0.00	56.44 -2.67 0.00	38.48 -1.52 0.00	25.56 -0.96 0.00	33.03 -0.76 0.00	40.86 -0.03 0.00	40.03 -0.56 0.00	40.61 -0.62 0.00	37.01 -0.97 0.00	36.16 -1.50 0.00	35.28 -2.44 1.30	68.03 -4.17 0.67	262.82 -12.49 0.00	100.16 -4.43 0.00	52.70 -3.21 0.97	48.76 -2.58 0.00	50.20 -1.69 0.00	52.13 -0.86 0.00
CHERRYST_13_KV_LD 356241	32.16 1.68 0.00	26.08 1.27 0.00	28.89 1.32 0.00	26.48 1.23 0.00	27.05 1.19 0.00	28.60 1.29 0.00	48.20 2.58 0.00	62.38 3.27 0.00	42.19 2.19 0.00	28.04 1.51 0.00	35.97 2.18 0.00	43.67 2.79 0.00	43.49 2.90 0.00	44.06 2.84 0.00	40.68 2.69 0.00	40.24 2.58 0.00	41.73 2.71 0.00	77.44 4.57 0.00	291.27 15.97 0.00	110.48 5.89 0.00	60.01 3.14 0.00	54.03 2.70 0.00	54.72 2.83 0.00	55.36 2.37 0.00

CHESTROR_138KV_BK263 355645	31.68 1.20 0.00	25.71 0.90 0.00	28.52 0.95 0.00	26.15 0.90 0.00	26.71 0.86 0.00	28.24 0.93 0.00	47.55 1.93 0.00	61.45 2.34 0.00	41.52 1.51 0.00	27.53 1.01 0.00	35.23 1.44 0.00	42.78 1.89 0.00	42.58 2.00 0.00	43.17 1.95 0.00	39.87 1.88 0.00	39.47 1.82 0.00	40.95 1.94 0.00	76.20 3.33 0.00	287.28 11.97 0.00	108.92 4.34 0.00	59.12 2.25 0.00	53.26 1.92 0.00	53.90 2.01 0.00	54.66 1.67 0.00
CH_MIDHUDSON___DRP 24192	31.69 1.21 0.00	25.75 0.94 0.00	28.56 1.00 0.00	26.20 0.95 0.00	26.74 0.89 0.00	28.25 0.94 0.00	47.54 1.92 0.00	61.48 2.38 0.00	41.60 1.59 0.00	27.60 1.07 0.00	35.27 1.48 0.00	42.74 1.86 0.00	42.55 1.97 0.00	43.15 1.92 0.00	39.85 1.87 0.00	39.48 1.82 0.00	40.98 1.97 0.00	76.27 3.40 0.00	287.32 12.01 0.00	108.90 4.31 0.00	59.18 2.30 0.00	53.37 2.03 0.00	53.97 2.08 0.00	54.71 1.72 0.00
CH_MISC_IPPS 23765	31.92 1.44 0.00	25.91 1.10 0.00	28.74 1.17 0.00	26.36 1.11 0.00	26.92 1.06 0.00	28.46 1.15 0.00	47.92 2.30 0.00	61.98 2.88 0.00	41.91 1.91 0.00	27.79 1.27 0.00	35.54 1.75 0.00	43.12 2.24 0.00	42.93 2.34 0.00	43.52 2.30 0.00	40.19 2.21 0.00	39.82 2.16 0.00	41.32 2.30 0.00	76.92 4.05 0.00	289.88 14.57 0.00	109.91 5.32 0.00	59.69 2.82 0.00	53.80 2.46 0.00	54.39 2.50 0.00	55.12 2.13 0.00
CH_RES_BVR_FALLS 23983	30.43 -0.05 0.00	24.76 -0.05 0.00	27.48 -0.09 0.00	25.20 -0.05 0.00	25.82 -0.03 0.00	27.25 -0.06 0.00	45.55 -0.07 0.00	58.99 -0.11 0.00	39.86 -0.14 0.00	26.47 -0.06 0.00	33.69 -0.11 0.00	40.78 -0.10 0.00	40.45 -0.13 0.00	41.12 -0.11 0.00	37.90 -0.08 0.00	37.71 0.05 0.00	39.03 0.02 0.00	72.93 0.06 0.00	275.70 0.39 0.00	104.97 0.38 0.00	57.04 0.17 0.00	51.43 0.10 0.00	52.06 0.17 0.00	53.25 0.26 0.00
CH_RES_NIAGARA 23895	28.12 -2.36 0.00	22.76 -2.05 0.00	25.23 -2.34 0.00	22.88 -2.37 0.00	23.77 -2.09 0.00	25.65 -1.66 0.00	42.39 -3.23 0.00	54.34 -4.77 0.00	37.41 -2.60 0.00	25.04 -1.49 0.00	32.23 -1.56 0.00	40.04 -0.85 0.00	39.20 -1.38 0.00	39.71 -1.52 0.00	36.13 -1.86 0.00	35.13 -2.53 0.00	34.03 -3.79 1.19	65.03 -0.72 0.59	251.23 -24.08 0.00	96.11 -8.47 0.00	50.86 -5.17 0.85	47.02 -4.32 0.00	48.31 -3.58 0.00	50.54 -2.45 0.00
CH_RES_SYRACUSE 23985	30.11 -0.37 0.00	24.48 -0.33 0.00	27.23 -0.34 0.00	24.94 -0.31 0.00	25.57 -0.28 0.00	27.05 -0.26 0.00	45.29 -0.34 0.00	58.59 -0.52 0.00	39.64 -0.36 0.00	26.24 -0.29 0.00	33.49 -0.30 0.00	40.73 -0.16 0.00	40.36 -0.23 0.00	41.01 -0.22 0.00	37.73 -0.25 0.00	37.34 -0.32 0.00	38.62 -0.39 0.00	72.16 -0.72 0.00	272.59 -2.72 0.00	103.64 -0.94 0.00	56.18 -0.70 0.00	50.72 -0.61 0.00	51.22 -0.67 0.00	52.29 -0.69 0.00
CLINTON_WT_PWR 323605	30.84 0.35 0.00	25.07 0.26 0.00	27.70 0.14 0.00	25.34 0.09 0.00	26.04 0.19 0.00	27.51 0.20 0.00	45.41 -0.21 0.00	59.23 0.12 0.00	40.13 0.12 0.00	26.71 0.18 0.00	33.85 0.06 0.00	40.85 -0.03 0.00	40.76 0.17 0.00	41.50 0.27 0.00	38.24 0.25 0.00	38.07 0.41 0.00	39.00 -0.01 0.00	72.32 -0.55 0.00	275.57 0.26 0.00	105.68 1.09 0.00	57.50 0.62 0.00	51.87 0.54 0.00	52.67 0.78 0.00	53.95 0.96 0.00
CLINTON___LFGE 323618	31.18 0.69 0.00	25.31 0.50 0.00	27.94 0.37 0.00	25.57 0.32 0.00	26.32 0.46 0.00	27.85 0.54 0.00	45.62 0.00 0.00	59.45 0.35 0.00	40.33 0.33 0.00	26.83 0.30 0.00	33.95 0.15 0.00	40.89 0.01 0.00	40.91 0.32 0.00	41.77 0.55 0.00	38.59 0.61 0.00	38.59 0.93 0.00	39.25 0.24 0.00	72.44 -0.43 0.00	277.11 1.80 0.00	106.95 2.36 0.00	57.99 1.11 0.00	52.26 0.92 0.00	53.22 1.33 0.00	54.61 1.62 0.00
COBBLENY_34_KV_TB1 80064	28.95 -1.53 0.00	23.39 -1.42 0.00	25.93 -1.64 0.00	23.52 -1.73 0.00	24.40 -1.45 0.00	26.29 -1.02 0.00	43.73 -1.89 0.00	56.34 -2.77 0.00	38.61 -1.39 0.00	25.78 -0.75 0.00	33.24 -0.55 0.00	41.07 0.18 0.00	40.17 -0.42 0.00	40.71 -0.52 0.00	37.07 -0.91 0.00	36.19 -1.47 0.00	35.16 -2.47 1.38	67.81 -4.38 0.68	261.68 -13.63 0.00	99.99 -4.60 0.00	52.71 -3.18 0.98	48.71 -2.62 0.00	49.90 -1.99 0.00	51.73 -1.26 0.00
COFFEEN___115KV_TB3 355620	30.78 0.30 0.00	25.03 0.22 0.00	27.54 -0.03 0.00	25.23 -0.02 0.00	26.29 0.44 0.00	27.41 0.11 0.00	46.92 1.30 0.00	61.35 2.24 0.00	40.57 0.57 0.00	26.58 0.06 0.00	33.75 -0.04 0.00	41.07 0.18 0.00	40.36 -0.23 0.00	40.34 -0.88 0.00	37.57 -0.41 0.00	37.96 0.31 0.00	39.57 0.56 0.00	75.44 2.57 0.00	288.01 12.70 0.00	109.67 5.08 0.00	59.14 2.27 0.00	52.89 1.56 0.00	53.35 1.46 0.00	55.07 2.09 0.00
COLDSPRG_115KV_BK1 355956	29.84 -0.64 0.00	23.88 -0.93 0.00	26.27 -1.30 0.00	23.96 -1.29 0.00	25.06 -0.79 0.00	26.78 -0.53 0.00	44.76 -0.86 0.00	57.91 -1.20 0.00	39.47 -0.54 0.00	26.21 -0.32 0.00	33.98 0.19 0.00	41.91 1.02 0.00	41.10 0.51 0.00	41.65 0.43 0.00	37.96 -0.02 0.00	37.09 -0.57 0.00	36.35 -1.46 1.20	69.94 -2.23 0.70	269.54 -5.77 0.00	102.61 -1.98 0.00	53.97 -1.89 1.01	49.98 -1.35 0.00	51.35 -0.54 0.00	53.17 0.18 0.00
COLONIE_LFGE___ 323577	31.39 0.91 0.00	25.53 0.72 0.00	28.40 0.84 0.00	26.03 0.78 0.00	26.59 0.73 0.00	28.10 0.80 0.00	47.00 1.38 0.00	60.54 1.43 0.00	40.96 0.96 0.00	27.09 0.57 0.00	34.32 0.53 0.00	41.13 0.24 0.00	40.98 0.39 0.00	41.73 0.51 0.00	38.53 0.55 0.00	38.34 0.69 0.00	40.11 1.09 0.00	75.01 2.14 0.00	283.36 8.05 0.00	106.75 2.16 0.00	58.23 1.36 0.00	52.53 1.19 0.00	52.97 1.08 0.00	54.15 1.16 0.00
COOPERNY_115KV_TB1 80082	31.35 0.87 0.00	25.46 0.65 0.00	28.28 0.72 0.00	25.92 0.67 0.00	26.49 0.64 0.00	27.99 0.68 0.00	47.06 1.44 0.00	60.77 1.66 0.00	41.08 1.07 0.00	27.24 0.72 0.00	34.85 1.06 0.00	42.33 1.44 0.00	42.07 1.48 0.00	42.67 1.44 0.00	39.35 1.36 0.00	38.97 1.32 0.00	40.43 1.42 0.00	75.31 2.44 0.00	283.73 8.42 0.00	107.62 3.03 0.00	58.43 1.56 0.00	52.74 1.40 0.00	53.37 1.48 0.00	54.25 1.26 0.00
COPENHAGEN_WT_PWR 323753	30.28 -0.21 0.00	24.66 -0.15 0.00	27.07 -0.50 0.00	24.78 -0.47 0.00	25.89 0.04 0.00	26.92 -0.39 0.00	46.06 0.44 0.00	60.32 1.22 0.00	39.79 -0.21 0.00	26.02 -0.50 0.00	33.12 -0.67 0.00	40.38 -0.50 0.00	39.66 -0.93 0.00	39.73 -1.50 0.00	36.99 -0.99 0.00	37.56 -0.10 0.00	39.05 0.03 0.00	74.36 1.49 0.00	283.53 8.22 0.00	107.95 3.36 0.00	58.17 1.30 0.00	52.04 0.71 0.00	52.55 0.66 0.00	54.43 1.44 0.00
CORNELL_____ 23752	30.77 0.29 0.00	24.96 0.14 0.00	27.77 0.20 0.00	25.41 0.16 0.00	26.08 0.22 0.00	27.65 0.34 0.00	46.42 0.80 0.00	60.12 1.01 0.00	40.63 0.62 0.00	26.85 0.33 0.00	34.26 0.47 0.00	41.66 0.77 0.00	41.26 0.66 0.00	42.00 0.77 0.00	38.66 0.68 0.00	38.29 0.63 0.00	40.08 0.59 -0.48	77.04 1.20 -2.96	280.45 5.14 0.00	106.63 2.04 0.00	61.90 0.76 -4.27	52.01 0.67 0.00	52.57 0.68 0.00	53.67 0.69 0.00

CORONA_69_KV_TB1 355595	32.13 1.65 0.00	26.04 1.23 0.00	28.85 1.28 0.00	26.44 1.19 0.00	26.91 1.06 0.00	28.40 1.09 0.00	47.88 2.26 0.00	61.90 2.79 0.00	41.73 1.72 0.00	29.20 1.30 -1.38	35.87 2.08 0.00	43.41 2.52 0.00	43.29 2.70 0.00	43.71 2.49 0.00	41.25 2.58 -0.69	40.59 2.44 -0.49	41.49 2.47 0.00	76.95 4.08 0.00	289.96 12.67 -1.97	117.44 5.32 -7.53	59.88 3.00 0.00	53.94 2.61 0.00	54.41 2.53 0.00	54.87 1.88 0.00
CORTLAND_115KV_TB3 80093	30.51 0.02 0.00	24.75 -0.06 0.00	27.56 -0.01 0.00	25.24 -0.02 0.00	25.88 0.02 0.00	27.39 0.08 0.00	45.96 0.34 0.00	59.48 0.38 0.00	40.20 0.20 0.00	26.59 0.06 0.00	33.99 0.19 0.00	41.33 0.44 0.00	40.91 0.32 0.00	41.57 0.35 0.00	38.28 0.30 0.00	37.93 0.27 0.00	39.39 0.22 -0.16	74.17 0.49 -0.81	277.13 1.83 0.00	105.29 0.70 0.00	58.16 0.12 -1.17	51.42 0.09 0.00	51.99 0.10 0.00	53.11 0.12 0.00
COXSACKIE___GT 23611	31.53 1.04 0.00	25.80 0.99 0.00	28.75 1.17 0.00	26.35 1.10 0.00	27.24 1.39 0.00	29.02 1.71 0.00	48.76 3.13 0.00	63.31 4.20 0.00	42.49 2.48 0.00	27.48 0.95 0.00	34.72 0.93 0.00	41.77 0.88 0.00	41.71 1.12 0.00	42.96 1.73 0.00	40.12 2.14 0.00	39.87 2.21 0.00	40.73 1.71 0.00	76.53 3.66 0.00	290.96 15.65 0.00	109.76 5.16 0.00	59.67 2.80 0.00	53.72 2.38 0.00	54.04 2.15 0.00	55.01 2.02 0.00
CPV_VALLEY___CC1 323721	31.67 1.19 0.00	25.70 0.89 0.00	28.50 0.93 0.00	26.13 0.88 0.00	26.69 0.84 0.00	28.21 0.90 0.00	47.51 1.89 0.00	61.39 2.28 0.00	41.49 1.48 0.00	27.52 0.99 0.00	35.23 1.44 0.00	42.77 1.88 0.00	42.59 2.00 0.00	43.17 1.94 0.00	39.84 1.86 0.00	39.46 1.80 0.00	40.92 1.91 0.00	76.13 3.25 0.00	286.96 11.65 0.00	108.79 4.20 0.00	59.06 2.18 0.00	53.20 1.87 0.00	53.85 1.96 0.00	54.60 1.61 0.00
CPV_VALLEY___CC2 323722	31.67 1.19 0.00	25.70 0.89 0.00	28.50 0.93 0.00	26.13 0.88 0.00	26.69 0.84 0.00	28.21 0.90 0.00	47.51 1.89 0.00	61.39 2.28 0.00	41.49 1.48 0.00	27.52 0.99 0.00	35.23 1.44 0.00	42.77 1.88 0.00	42.59 2.00 0.00	43.17 1.94 0.00	39.84 1.86 0.00	39.46 1.80 0.00	40.92 1.91 0.00	76.13 3.25 0.00	286.96 11.65 0.00	108.79 4.20 0.00	59.06 2.18 0.00	53.20 1.87 0.00	53.85 1.96 0.00	54.60 1.61 0.00
CRESCENT___HYD 24018	31.39 0.91 0.00	25.53 0.72 0.00	28.40 0.84 0.00	26.03 0.78 0.00	26.59 0.73 0.00	28.10 0.80 0.00	47.00 1.38 0.00	60.54 1.43 0.00	40.96 0.96 0.00	27.09 0.57 0.00	34.32 0.53 0.00	41.13 0.24 0.00	40.98 0.39 0.00	41.73 0.51 0.00	38.53 0.55 0.00	38.34 0.69 0.00	40.11 1.09 0.00	75.01 2.14 0.00	283.36 8.05 0.00	106.75 2.16 0.00	58.23 1.36 0.00	52.53 1.19 0.00	52.97 1.08 0.00	54.15 1.16 0.00
CRICKET___VALLEY_CC1 323756	31.30 0.81 0.00	25.47 0.66 0.00	28.24 0.67 0.00	25.94 0.69 0.00	26.46 0.61 0.00	27.91 0.60 0.00	46.91 1.29 0.00	60.71 1.60 0.00	41.09 1.09 0.00	27.28 0.76 0.00	34.82 1.03 0.00	42.17 1.29 0.00	42.00 1.41 0.00	42.59 1.36 0.00	39.33 1.35 0.00	38.96 1.30 0.00	40.44 1.42 0.00	75.19 2.31 0.00	283.09 7.78 0.00	107.27 2.69 0.00	58.33 1.46 0.00	52.67 1.33 0.00	53.23 1.35 0.00	53.95 0.96 0.00
CRICKET___VALLEY_CC2 323757	31.30 0.81 0.00	25.47 0.66 0.00	28.24 0.67 0.00	25.94 0.69 0.00	26.46 0.61 0.00	27.91 0.60 0.00	46.91 1.29 0.00	60.71 1.60 0.00	41.09 1.09 0.00	27.28 0.76 0.00	34.82 1.03 0.00	42.17 1.29 0.00	42.00 1.41 0.00	42.59 1.36 0.00	39.33 1.35 0.00	38.96 1.30 0.00	40.44 1.42 0.00	75.19 2.31 0.00	283.09 7.78 0.00	107.27 2.69 0.00	58.33 1.46 0.00	52.67 1.33 0.00	53.23 1.35 0.00	53.95 0.96 0.00
CRICKET___VALLEY_CC3 323758	31.30 0.81 0.00	25.47 0.66 0.00	28.24 0.67 0.00	25.94 0.69 0.00	26.46 0.61 0.00	27.91 0.60 0.00	46.91 1.29 0.00	60.71 1.60 0.00	41.09 1.09 0.00	27.28 0.76 0.00	34.82 1.03 0.00	42.17 1.29 0.00	42.00 1.41 0.00	42.59 1.36 0.00	39.33 1.35 0.00	38.96 1.30 0.00	40.44 1.42 0.00	75.19 2.31 0.00	283.09 7.78 0.00	107.27 2.69 0.00	58.33 1.46 0.00	52.67 1.33 0.00	53.23 1.35 0.00	53.95 0.96 0.00
CRUCIBLE_METL_DRP 24180	30.10 -0.38 0.00	24.48 -0.33 0.00	27.23 -0.34 0.00	24.94 -0.31 0.00	25.57 -0.28 0.00	27.05 -0.26 0.00	45.28 -0.34 0.00	58.59 -0.52 0.00	39.64 -0.36 0.00	26.24 -0.28 0.00	33.49 -0.30 0.00	40.73 -0.16 0.00	40.36 -0.23 0.00	41.01 -0.22 0.00	37.73 -0.25 0.00	37.34 -0.31 0.00	38.62 -0.39 0.00	72.16 -0.72 0.00	272.60 -2.71 0.00	103.65 -0.94 0.00	56.17 -0.70 0.00	50.73 -0.61 0.00	51.22 -0.67 0.00	52.29 -0.69 0.00
DAHOWA___HYDRO 323763	31.85 1.37 0.00	25.89 1.08 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.99 1.13 0.00	28.53 1.22 0.00	47.88 2.26 0.00	61.61 2.51 0.00	41.54 1.54 0.00	27.33 0.81 0.00	34.62 0.83 0.00	41.80 0.92 0.00	41.74 1.15 0.00	42.47 1.25 0.00	39.17 1.19 0.00	39.05 1.39 0.00	40.81 1.80 0.00	76.36 3.48 0.00	289.26 13.96 0.00	108.79 4.21 0.00	59.26 2.38 0.00	53.34 2.01 0.00	53.68 1.79 0.00	54.87 1.88 0.00
DANC___LFGE 323619	30.12 -0.37 0.00	24.50 -0.31 0.00	27.03 -0.53 0.00	24.76 -0.49 0.00	25.67 -0.18 0.00	26.86 -0.45 0.00	45.54 -0.08 0.00	59.40 0.30 0.00	39.58 -0.42 0.00	26.01 -0.51 0.00	33.14 -0.65 0.00	40.34 -0.54 0.00	39.74 -0.85 0.00	40.00 -1.23 0.00	37.06 -0.92 0.00	37.22 -0.44 0.00	38.63 -0.39 0.00	73.03 0.16 0.00	277.59 2.28 0.00	105.63 1.04 0.00	57.08 0.20 0.00	51.27 -0.06 0.00	51.82 -0.06 0.00	53.41 0.42 0.00
DANSKAMMER___1 23586	31.92 1.44 0.00	25.91 1.10 0.00	28.74 1.17 0.00	26.36 1.11 0.00	26.92 1.06 0.00	28.46 1.15 0.00	47.92 2.30 0.00	61.98 2.88 0.00	41.91 1.91 0.00	27.79 1.27 0.00	35.54 1.75 0.00	43.12 2.24 0.00	42.93 2.34 0.00	43.52 2.30 0.00	40.19 2.21 0.00	39.82 2.16 0.00	41.32 2.30 0.00	76.92 4.05 0.00	289.88 14.57 0.00	109.91 5.32 0.00	59.69 2.82 0.00	53.80 2.46 0.00	54.39 2.50 0.00	55.12 2.13 0.00
DANSKAMMER___2 23589	31.92 1.44 0.00	25.91 1.10 0.00	28.74 1.17 0.00	26.36 1.11 0.00	26.92 1.06 0.00	28.46 1.15 0.00	47.92 2.30 0.00	61.98 2.88 0.00	41.91 1.91 0.00	27.79 1.27 0.00	35.54 1.75 0.00	43.12 2.24 0.00	42.93 2.34 0.00	43.52 2.30 0.00	40.19 2.21 0.00	39.82 2.16 0.00	41.32 2.30 0.00	76.92 4.05 0.00	289.88 14.57 0.00	109.91 5.32 0.00	59.69 2.82 0.00	53.80 2.46 0.00	54.39 2.50 0.00	55.12 2.13 0.00
DANSKAMMER___3 23590	31.92 1.44 0.00	25.91 1.10 0.00	28.74 1.17 0.00	26.36 1.11 0.00	26.92 1.06 0.00	28.46 1.15 0.00	47.92 2.30 0.00	61.98 2.88 0.00	41.91 1.91 0.00	27.79 1.27 0.00	35.54 1.75 0.00	43.12 2.24 0.00	42.93 2.34 0.00	43.52 2.30 0.00	40.19 2.21 0.00	39.82 2.16 0.00	41.32 2.30 0.00	76.92 4.05 0.00	289.88 14.57 0.00	109.91 5.32 0.00	59.69 2.82 0.00	53.80 2.46 0.00	54.39 2.50 0.00	55.12 2.13 0.00

DANSKAMMER___4 23591	31.92 1.44 0.00	25.91 1.10 0.00	28.74 1.17 0.00	26.36 1.11 0.00	26.92 1.06 0.00	28.46 1.15 0.00	47.92 2.30 0.00	61.98 2.88 0.00	41.91 1.91 0.00	27.79 1.27 0.00	35.54 1.75 0.00	43.12 2.24 0.00	42.93 2.34 0.00	43.52 2.30 0.00	40.19 2.21 0.00	39.82 2.16 0.00	41.32 2.30 0.00	76.92 4.05 0.00	289.88 14.57 0.00	109.91 5.32 0.00	59.69 2.82 0.00	53.80 2.46 0.00	54.39 2.50 0.00	55.12 2.13 0.00
DANSKAMMER___DIESEL 23592	31.92 1.44 0.00	25.91 1.10 0.00	28.74 1.17 0.00	26.36 1.11 0.00	26.92 1.06 0.00	28.46 1.15 0.00	47.92 2.30 0.00	61.98 2.87 0.00	41.91 1.91 0.00	27.79 1.27 0.00	35.54 1.75 0.00	43.12 2.24 0.00	42.93 2.34 0.00	43.52 2.29 0.00	40.19 2.21 0.00	39.82 2.16 0.00	41.32 2.31 0.00	76.92 4.05 0.00	289.87 14.56 0.00	109.91 5.32 0.00	59.69 2.82 0.00	53.79 2.45 0.00	54.39 2.50 0.00	55.12 2.13 0.00
DARBY___SOLAR 323810	31.72 1.24 0.00	25.79 0.98 0.00	28.68 1.11 0.00	26.29 1.04 0.00	26.89 1.04 0.00	28.42 1.11 0.00	47.66 2.04 0.00	61.34 2.24 0.00	41.37 1.37 0.00	27.24 0.72 0.00	34.53 0.74 0.00	41.65 0.76 0.00	41.59 1.00 0.00	42.30 1.07 0.00	39.02 1.03 0.00	38.89 1.23 0.00	40.64 1.62 0.00	75.98 3.11 0.00	287.69 12.38 0.00	108.29 3.70 0.00	58.99 2.12 0.00	53.14 1.80 0.00	53.49 1.60 0.00	54.69 1.71 0.00
DASHVILLE___HYD 23610	31.57 1.09 0.00	25.64 0.83 0.00	28.46 0.89 0.00	26.10 0.85 0.00	26.65 0.79 0.00	28.16 0.85 0.00	47.37 1.76 0.00	61.32 2.21 0.00	41.48 1.48 0.00	27.49 0.96 0.00	35.12 1.33 0.00	42.57 1.69 0.00	42.33 1.75 0.00	42.96 1.74 0.00	39.69 1.71 0.00	39.33 1.67 0.00	40.81 1.80 0.00	75.98 3.11 0.00	286.23 10.92 0.00	108.58 3.99 0.00	59.00 2.12 0.00	53.22 1.88 0.00	53.82 1.94 0.00	54.58 1.59 0.00
DELAWARE___LFGE 323621	30.98 0.49 0.00	25.15 0.34 0.00	28.02 0.45 0.00	25.69 0.44 0.00	26.26 0.41 0.00	27.74 0.43 0.00	46.63 1.01 0.00	60.34 1.23 0.00	40.76 0.75 0.00	27.01 0.48 0.00	34.51 0.72 0.00	41.88 0.99 0.00	41.54 0.95 0.00	42.18 0.95 0.00	38.86 0.88 0.00	38.52 0.87 0.00	39.93 0.92 0.00	74.55 1.68 0.00	280.78 5.47 0.00	106.64 2.05 0.00	57.89 1.02 0.00	52.28 0.95 0.00	52.89 1.00 0.00	53.93 0.95 0.00
DERFIELD_115KV_TB7 355931	30.59 0.10 0.00	24.89 0.08 0.00	27.68 0.11 0.00	25.37 0.12 0.00	25.97 0.11 0.00	27.41 0.10 0.00	45.92 0.30 0.00	59.40 0.29 0.00	40.13 0.13 0.00	26.58 0.06 0.00	33.88 0.08 0.00	40.94 0.06 0.00	40.65 0.06 0.00	41.30 0.08 0.00	38.10 0.11 0.00	37.82 0.16 0.00	39.28 0.27 0.00	73.44 0.57 0.00	277.17 1.86 0.00	105.14 0.55 0.00	57.02 0.14 0.00	51.44 0.11 0.00	51.95 0.06 0.00	53.04 0.05 0.00
DOGLEVILLE___HYD 23807	31.91 1.43 0.00	25.96 1.15 0.00	28.90 1.33 0.00	26.47 1.22 0.00	27.10 1.24 0.00	28.72 1.41 0.00	48.27 2.65 0.00	62.32 3.21 0.00	41.76 1.75 0.00	27.24 0.71 0.00	34.64 0.85 0.00	41.75 0.86 0.00	41.46 0.87 0.00	42.25 1.02 0.00	39.10 1.11 0.00	38.91 1.25 0.00	41.10 2.08 0.00	77.40 4.53 0.00	292.28 16.97 0.00	110.26 5.67 0.00	59.82 2.95 0.00	54.21 2.88 0.00	54.55 2.67 0.00	55.59 2.60 0.00
DUNKIRK__115KV_TB_200 55889	29.09 -1.39 0.00	23.28 -1.53 0.00	25.66 -1.91 0.00	23.34 -1.91 0.00	24.46 -1.40 0.00	26.26 -1.05 0.00	43.78 -1.85 0.00	56.42 -2.68 0.00	38.49 -1.52 0.00	25.57 -0.96 0.00	33.04 -0.75 0.00	40.89 0.00 0.00	40.08 -0.51 0.00	40.62 -0.61 0.00	37.02 -0.96 0.00	36.18 -1.48 0.00	35.27 -2.44 1.31	67.99 -4.22 0.67	262.58 -12.72 0.00	100.11 -4.48 0.00	52.68 -3.23 0.96	48.74 -2.59 0.00	50.14 -1.75 0.00	52.05 -0.94 0.00
DUNKIRK___1 23563	29.09 -1.39 0.00	23.28 -1.53 0.00	25.66 -1.91 0.00	23.34 -1.91 0.00	24.46 -1.40 0.00	26.26 -1.05 0.00	43.78 -1.85 0.00	56.42 -2.68 0.00	38.49 -1.52 0.00	25.57 -0.96 0.00	33.04 -0.75 0.00	40.89 0.00 0.00	40.08 -0.51 0.00	40.62 -0.61 0.00	37.02 -0.96 0.00	36.18 -1.48 0.00	35.27 -2.44 1.31	67.99 -4.22 0.67	262.58 -12.72 0.00	100.11 -4.48 0.00	52.68 -3.23 0.96	48.74 -2.59 0.00	50.14 -1.75 0.00	52.05 -0.94 0.00
DUNKIRK___2 23564	29.09 -1.39 0.00	23.28 -1.53 0.00	25.66 -1.91 0.00	23.34 -1.91 0.00	24.46 -1.40 0.00	26.26 -1.05 0.00	43.78 -1.85 0.00	56.42 -2.68 0.00	38.49 -1.52 0.00	25.57 -0.96 0.00	33.04 -0.75 0.00	40.89 0.00 0.00	40.08 -0.51 0.00	40.62 -0.61 0.00	37.02 -0.96 0.00	36.18 -1.48 0.00	35.27 -2.44 1.31	67.99 -4.22 0.67	262.58 -12.72 0.00	100.11 -4.48 0.00	52.68 -3.23 0.96	48.74 -2.59 0.00	50.14 -1.75 0.00	52.05 -0.94 0.00
DUNKIRK___3 23565	29.02 -1.46 0.00	23.30 -1.51 0.00	25.73 -1.84 0.00	23.39 -1.86 0.00	24.43 -1.43 0.00	26.24 -1.07 0.00	43.69 -1.93 0.00	56.27 -2.84 0.00	38.42 -1.58 0.00	25.56 -0.96 0.00	33.04 -0.76 0.00	40.87 -0.02 0.00	40.03 -0.56 0.00	40.57 -0.66 0.00	36.97 -1.02 0.00	36.11 -1.55 0.00	35.21 -2.52 1.28	67.78 -4.43 0.66	261.59 -13.71 0.00	99.79 -4.80 0.00	52.54 -3.38 0.96	48.60 -2.74 0.00	49.93 -1.95 0.00	51.83 -1.16 0.00
DUNKIRK___4 23566	29.02 -1.46 0.00	23.30 -1.51 0.00	25.73 -1.84 0.00	23.39 -1.86 0.00	24.43 -1.43 0.00	26.24 -1.07 0.00	43.69 -1.93 0.00	56.27 -2.84 0.00	38.42 -1.58 0.00	25.56 -0.96 0.00	33.04 -0.76 0.00	40.87 -0.02 0.00	40.03 -0.56 0.00	40.57 -0.66 0.00	36.97 -1.02 0.00	36.11 -1.55 0.00	35.21 -2.52 1.28	67.78 -4.43 0.66	261.59 -13.71 0.00	99.79 -4.80 0.00	52.54 -3.38 0.96	48.60 -2.74 0.00	49.93 -1.95 0.00	51.83 -1.16 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.93 1.45 0.00	25.89 1.08 0.00	28.69 1.12 0.00	26.31 1.06 0.00	26.86 1.00 0.00	28.38 1.08 0.00	47.83 2.20 0.00	61.85 2.74 0.00	41.83 1.82 0.00	27.81 1.28 0.00	35.65 1.86 0.00	43.26 2.37 0.00	43.07 2.49 0.00	43.64 2.41 0.00	40.30 2.32 0.00	39.89 2.23 0.00	41.37 2.35 0.00	76.86 3.98 0.00	289.24 13.93 0.00	109.68 5.09 0.00	59.59 2.71 0.00	53.66 2.32 0.00	54.30 2.41 0.00	54.98 1.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.82 1.34 0.00	25.82 1.01 0.00	28.63 1.07 0.00	26.26 1.01 0.00	26.82 0.96 0.00	28.36 1.05 0.00	47.74 2.12 0.00	61.74 2.64 0.00	41.74 1.73 0.00	27.68 1.15 0.00	35.40 1.61 0.00	42.99 2.10 0.00	42.79 2.20 0.00	43.36 2.14 0.00	40.04 2.06 0.00	39.66 2.00 0.00	41.15 2.14 0.00	76.61 3.73 0.00	288.71 13.40 0.00	109.48 4.89 0.00	59.43 2.56 0.00	53.55 2.22 0.00	54.17 2.28 0.00	54.90 1.91 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.02 1.54 0.00	26.00 1.19 0.00	28.81 1.24 0.00	26.40 1.15 0.00	26.97 1.11 0.00	28.48 1.17 0.00	48.00 2.38 0.00	62.11 3.00 0.00	41.99 1.99 0.00	27.89 1.37 0.00	35.75 1.95 0.00	43.38 2.49 0.00	43.18 2.59 0.00	43.72 2.50 0.00	40.40 2.42 0.00	39.94 2.28 0.00	41.43 2.41 0.00	76.85 3.97 0.00	289.14 13.83 0.00	109.88 5.29 0.00	59.78 2.90 0.00	53.91 2.57 0.00	54.57 2.69 0.00	55.20 2.21 0.00

E179THST_13_KV_LOAD 356214	32.14 1.65 0.00	26.10 1.29 0.00	28.91 1.34 0.00	26.48 1.23 0.00	27.05 1.20 0.00	28.58 1.26 0.00	48.17 2.55 0.00	62.38 3.27 0.00	42.16 2.16 0.00	28.01 1.48 0.00	35.90 2.11 0.00	43.57 2.68 0.00	43.37 2.78 0.00	43.93 2.70 0.00	40.58 2.60 0.00	40.12 2.46 0.00	41.60 2.59 0.00	77.17 4.30 0.00	290.50 15.19 0.00	110.39 5.80 0.00	60.03 3.16 0.00	54.13 2.79 0.00	54.80 2.92 0.00	55.42 2.43 0.00
EAST HAMPTON___GT 23717	31.58 1.09 0.00	25.48 0.67 0.00	28.29 0.72 0.00	26.18 0.93 0.00	26.23 0.37 0.00	23.76 0.20 3.76	37.38 0.44 8.68	48.18 1.10 12.03	33.26 0.49 7.23	24.94 0.50 2.09	34.82 1.03 0.00	-1.62 0.31 42.82	-16.13 0.49 57.21	-8.39 0.18 49.80	13.12 0.67 25.54	33.88 0.97 4.75	36.63 1.61 3.99	63.74 2.37 11.50	149.90 3.65 129.06	96.81 4.20 11.98	50.78 2.72 8.82	45.51 2.13 7.95	45.08 1.22 8.03	50.13 0.55 3.41
EAST RIVER___6 23660	32.09 1.61 0.00	26.02 1.21 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.97 1.12 0.00	28.53 1.22 0.00	48.08 2.46 0.00	62.20 3.10 0.00	42.10 2.10 0.00	28.00 1.48 0.00	35.90 2.11 0.00	43.61 2.72 0.00	43.45 2.86 0.00	44.02 2.79 0.00	40.63 2.65 0.00	40.19 2.53 0.00	41.69 2.67 0.00	77.30 4.42 0.00	290.54 15.23 0.00	110.14 5.56 0.00	59.87 2.99 0.00	53.94 2.61 0.00	54.65 2.76 0.00	55.26 2.27 0.00
EAST RIVER___7 23524	32.09 1.61 0.00	26.02 1.21 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.97 1.12 0.00	28.53 1.22 0.00	48.08 2.46 0.00	62.20 3.10 0.00	42.10 2.10 0.00	28.00 1.48 0.00	35.90 2.11 0.00	43.61 2.72 0.00	43.45 2.86 0.00	44.02 2.79 0.00	40.63 2.65 0.00	40.19 2.53 0.00	41.69 2.67 0.00	77.30 4.42 0.00	290.54 15.23 0.00	110.14 5.56 0.00	59.87 2.99 0.00	53.94 2.61 0.00	54.65 2.76 0.00	55.26 2.27 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.89 1.41 0.00	25.87 1.06 0.00	28.67 1.10 0.00	26.29 1.03 0.00	26.84 0.98 0.00	28.37 1.06 0.00	47.79 2.17 0.00	61.81 2.71 0.00	41.78 1.77 0.00	27.75 1.23 0.00	35.56 1.77 0.00	43.16 2.27 0.00	42.98 2.39 0.00	43.55 2.33 0.00	40.22 2.24 0.00	39.80 2.15 0.00	41.28 2.26 0.00	76.71 3.84 0.00	288.81 13.50 0.00	109.53 4.94 0.00	59.49 2.62 0.00	53.57 2.24 0.00	54.22 2.33 0.00	54.91 1.92 0.00
EAST_HAMPTON___DIESEL 23722	31.50 1.02 0.00	25.42 0.60 0.00	28.22 0.66 0.00	26.13 0.88 0.00	26.15 0.30 0.00	23.68 0.13 3.76	37.23 0.29 8.68	48.00 0.92 12.03	33.15 0.38 7.23	24.86 0.43 2.09	34.73 0.94 0.00	-1.76 0.17 42.82	-16.27 0.36 57.21	-8.54 0.03 49.80	13.00 0.55 25.54	33.79 0.87 4.75	36.54 1.52 3.99	63.54 2.17 11.50	149.20 2.95 129.06	96.58 3.97 11.98	50.67 2.62 8.82	45.42 2.03 7.95	44.98 1.12 8.03	50.06 0.48 3.41
EAST_POINT___SOLAR 323840	31.38 0.90 0.00	25.45 0.64 0.00	28.23 0.67 0.00	25.88 0.63 0.00	26.56 0.71 0.00	28.16 0.85 0.00	47.49 1.87 0.00	61.66 2.55 0.00	41.03 1.02 0.00	26.26 -0.26 0.00	33.44 -0.35 0.00	41.30 0.41 0.00	41.26 0.67 0.00	41.92 0.70 0.00	38.39 0.40 0.00	37.67 0.01 0.00	40.15 1.14 0.00	75.72 2.85 0.00	287.48 12.17 0.00	109.16 4.57 0.00	59.17 2.30 0.00	53.26 1.92 0.00	53.77 1.88 0.00	54.76 1.77 0.00
EAST_PULASKI___ESR 323781	29.98 -0.51 0.00	24.37 -0.44 0.00	27.00 -0.57 0.00	24.74 -0.51 0.00	25.47 -0.39 0.00	26.81 -0.50 0.00	45.06 -0.56 0.00	58.53 -0.58 0.00	39.40 -0.61 0.00	26.00 -0.53 0.00	33.18 -0.61 0.00	40.31 -0.58 0.00	39.83 -0.76 0.00	40.27 -0.95 0.00	37.13 -0.85 0.00	36.86 -0.80 0.00	38.21 -0.80 0.00	71.68 -1.19 0.00	271.57 -3.74 0.00	103.33 -1.26 0.00	55.98 -0.89 0.00	50.46 -0.87 0.00	51.10 -0.79 0.00	52.41 -0.58 0.00
EAST_RIVER___1 323558	32.09 1.61 0.00	26.03 1.22 0.00	28.82 1.25 0.00	26.42 1.18 0.00	26.98 1.13 0.00	28.53 1.22 0.00	48.06 2.44 0.00	62.20 3.09 0.00	42.06 2.06 0.00	27.95 1.43 0.00	35.84 2.05 0.00	43.52 2.63 0.00	43.35 2.76 0.00	43.92 2.69 0.00	40.55 2.56 0.00	40.12 2.46 0.00	41.59 2.57 0.00	77.22 4.35 0.00	290.44 15.13 0.00	110.18 5.59 0.00	59.85 2.98 0.00	53.90 2.57 0.00	54.60 2.71 0.00	55.24 2.25 0.00
EAST_RIVER___2 323559	32.09 1.61 0.00	26.02 1.21 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.97 1.12 0.00	28.53 1.22 0.00	48.08 2.46 0.00	62.20 3.10 0.00	42.10 2.10 0.00	28.00 1.48 0.00	35.90 2.11 0.00	43.61 2.72 0.00	43.45 2.86 0.00	44.02 2.79 0.00	40.63 2.65 0.00	40.19 2.53 0.00	41.69 2.67 0.00	77.30 4.42 0.00	290.54 15.23 0.00	110.14 5.56 0.00	59.87 2.99 0.00	53.94 2.61 0.00	54.65 2.76 0.00	55.26 2.27 0.00
EAST___DELAWARE_HYD 23607	31.29 0.81 0.00	25.39 0.57 0.00	28.18 0.61 0.00	25.84 0.60 0.00	26.40 0.54 0.00	27.89 0.59 0.00	47.03 1.41 0.00	61.02 1.91 0.00	41.22 1.22 0.00	27.28 0.76 0.00	34.88 1.09 0.00	42.31 1.43 0.00	41.89 1.30 0.00	41.56 0.33 0.00	38.36 0.38 0.00	38.04 0.38 0.00	39.53 0.52 0.00	73.68 0.81 0.00	277.71 2.40 0.00	105.33 0.74 0.00	57.35 0.47 0.00	52.86 1.52 0.00	53.42 1.53 0.00	54.16 1.17 0.00
EIGHT_POINT___WT_PWR 323820	27.79 -2.69 0.00	22.49 -2.32 0.00	25.12 -2.44 0.00	22.82 -2.43 0.00	23.42 -2.43 0.00	25.06 -2.24 0.00	42.15 -3.47 0.00	54.52 -4.59 0.00	37.24 -2.76 0.00	24.87 -1.66 0.00	32.00 -1.79 0.00	39.14 -1.75 0.00	38.47 -2.12 0.00	39.39 -1.84 0.00	36.35 -1.64 0.00	35.79 -1.87 0.00	41.43 -2.68 -5.09	66.48 -4.64 1.75	260.23 -15.08 0.00	99.19 -5.39 0.00	51.04 -3.31 2.52	48.33 -3.01 0.00	49.04 -2.85 0.00	50.80 -2.19 0.00
ELBRIDGE_115KV_TB2 80188	29.95 -0.54 0.00	24.36 -0.45 0.00	27.10 -0.47 0.00	24.80 -0.45 0.00	25.43 -0.42 0.00	26.91 -0.40 0.00	45.03 -0.59 0.00	58.20 -0.91 0.00	39.42 -0.59 0.00	26.10 -0.42 0.00	33.30 -0.49 0.00	40.51 -0.37 0.00	40.15 -0.44 0.00	40.79 -0.43 0.00	37.54 -0.44 0.00	37.12 -0.54 0.00	38.36 -0.65 0.00	71.73 -1.14 0.00	270.92 -4.40 0.00	103.06 -1.53 0.00	55.81 -1.07 0.00	50.44 -0.89 0.00	50.96 -0.92 0.00	51.99 -1.00 0.00
ELEC_TRO_TEK 24086	31.96 1.48 0.00	25.92 1.11 0.00	28.72 1.15 0.00	26.32 1.07 0.00	26.81 0.95 0.00	28.28 0.97 0.00	47.66 2.04 0.00	61.68 2.57 0.00	41.60 1.59 0.00	29.07 1.20 -1.35	35.69 1.91 0.00	43.18 2.29 0.00	43.06 2.47 0.00	43.48 2.25 0.00	40.71 2.36 -0.37	40.14 2.22 -0.26	41.27 2.26 0.00	76.63 3.76 0.00	269.67 11.52 17.16	116.82 4.88 -7.35	59.55 2.68 0.00	53.61 2.28 0.00	54.09 2.20 0.00	54.56 1.57 0.00
ELLENBURG_WT_PWR 323604	30.84 0.35 0.00	25.07 0.26 0.00	27.70 0.14 0.00	25.34 0.09 0.00	26.04 0.19 0.00	27.51 0.20 0.00	45.41 -0.21 0.00	59.23 0.12 0.00	40.13 0.12 0.00	26.71 0.18 0.00	33.85 0.06 0.00	40.85 -0.03 0.00	40.76 0.17 0.00	41.50 0.27 0.00	38.24 0.25 0.00	38.07 0.41 0.00	39.00 -0.01 0.00	72.32 -0.55 0.00	275.57 0.26 0.00	105.68 1.09 0.00	57.50 0.62 0.00	51.87 0.54 0.00	52.67 0.78 0.00	53.95 0.96 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.73 -1.76 0.00	23.20 -1.61 0.00	25.70 -1.87 0.00	23.32 -1.93 0.00	24.23 -1.62 0.00	26.10 -1.21 0.00	43.32 -2.30 0.00	55.71 -3.39 0.00	38.22 -1.78 0.00	25.53 -0.99 0.00	32.92 -0.87 0.00	40.70 -0.19 0.00	39.82 -0.77 0.00	40.35 -0.87 0.00	36.74 -1.25 0.00	35.80 -1.86 0.00	34.78 -2.94 1.30	66.94 -5.30 0.63	258.40 -16.91 0.00	98.76 -5.83 0.00	52.14 -3.83 0.90	48.18 -3.16 0.00	49.42 -2.47 0.00	51.37 -1.62 0.00
EMPIRE_CC_1 323656	30.93 0.45 0.00	25.24 0.43 0.00	28.09 0.52 0.00	25.75 0.50 0.00	26.28 0.42 0.00	27.76 0.45 0.00	46.30 0.68 0.00	59.46 0.35 0.00	40.28 0.27 0.00	26.72 0.20 0.00	33.85 0.06 0.00	40.44 -0.44 0.00	40.29 -0.29 0.00	41.00 -0.22 0.00	37.93 -0.05 0.00	37.73 0.07 0.00	39.44 0.43 0.00	73.61 0.73 0.00	277.89 2.58 0.00	104.64 0.05 0.00	57.17 0.30 0.00	51.60 0.26 0.00	52.07 0.18 0.00	53.31 0.32 0.00
EMPIRE_CC_2 323658	30.93 0.45 0.00	25.24 0.43 0.00	28.09 0.52 0.00	25.75 0.50 0.00	26.28 0.42 0.00	27.76 0.45 0.00	46.30 0.68 0.00	59.46 0.35 0.00	40.28 0.27 0.00	26.72 0.20 0.00	33.85 0.06 0.00	40.44 -0.44 0.00	40.29 -0.29 0.00	41.00 -0.22 0.00	37.93 -0.05 0.00	37.73 0.07 0.00	39.44 0.43 0.00	73.61 0.73 0.00	277.89 2.58 0.00	104.64 0.05 0.00	57.17 0.30 0.00	51.60 0.26 0.00	52.07 0.18 0.00	53.31 0.32 0.00
ENORWICH_115KV_TB1 80156	31.27 0.79 0.00	25.30 0.49 0.00	28.22 0.65 0.00	25.89 0.64 0.00	26.57 0.71 0.00	28.24 0.93 0.00	47.87 2.25 0.00	62.24 3.13 0.00	41.71 1.71 0.00	27.32 0.79 0.00	34.67 0.88 0.00	42.32 1.43 0.00	41.74 1.15 0.00	42.72 1.50 0.00	39.37 1.39 0.00	39.31 1.66 0.00	41.19 1.95 -0.23	78.16 4.32 -0.96	293.68 18.37 0.00	111.22 6.63 0.00	61.30 3.04 -1.39	53.92 2.58 0.00	54.28 2.39 0.00	55.51 2.52 0.00
ERIE_ST__34_KV_TB1-2 80199	28.96 -1.52 0.00	23.40 -1.41 0.00	25.92 -1.65 0.00	23.52 -1.73 0.00	24.41 -1.45 0.00	26.27 -1.04 0.00	43.69 -1.93 0.00	56.28 -2.83 0.00	38.57 -1.44 0.00	25.75 -0.77 0.00	33.26 -0.53 0.00	41.07 0.18 0.00	40.17 -0.42 0.00	40.73 -0.50 0.00	37.04 -0.95 0.00	36.14 -1.52 0.00	35.11 -2.53 1.37	67.68 -4.53 0.66	261.10 -14.21 0.00	99.71 -4.88 0.00	52.64 -3.27 0.96	48.63 -2.70 0.00	49.85 -2.04 0.00	51.65 -1.34 0.00
ERIE_WT_PWR 323693	28.82 -1.66 0.00	23.29 -1.52 0.00	25.79 -1.78 0.00	23.39 -1.87 0.00	24.29 -1.56 0.00	26.17 -1.14 0.00	43.48 -2.14 0.00	55.96 -3.14 0.00	38.36 -1.64 0.00	25.64 -0.89 0.00	33.09 -0.70 0.00	40.90 0.01 0.00	39.93 -0.66 0.00	40.53 -0.70 0.00	36.86 -1.12 0.00	35.97 -1.69 0.00	34.81 -2.72 1.49	67.34 -4.87 0.66	259.89 -15.42 0.00	99.31 -5.28 0.00	52.36 -3.56 0.95	48.38 -2.96 0.00	49.68 -2.21 0.00	51.59 -1.40 0.00
ESPRGFLD_115KV_TB1 80157	30.76 0.27 0.00	24.90 0.10 0.00	27.67 0.10 0.00	25.36 0.11 0.00	26.02 0.16 0.00	27.54 0.23 0.00	46.42 0.80 0.00	60.30 1.20 0.00	40.61 0.61 0.00	26.86 0.34 0.00	34.34 0.55 0.00	41.88 0.99 0.00	41.45 0.86 0.00	42.11 0.88 0.00	38.68 0.70 0.00	38.31 0.65 0.00	39.72 0.71 0.00	74.25 1.37 0.00	280.58 5.28 0.00	106.85 2.26 0.00	57.90 1.03 0.00	52.14 0.81 0.00	52.76 0.87 0.00	53.85 0.87 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.69 0.20 0.00	24.90 0.09 0.00	27.70 0.13 0.00	25.35 0.10 0.00	26.02 0.16 0.00	27.58 0.27 0.00	46.28 0.67 0.00	59.93 0.83 0.00	40.50 0.49 0.00	26.76 0.24 0.00	34.16 0.37 0.00	41.55 0.67 0.00	41.14 0.56 0.00	41.87 0.64 0.00	38.54 0.56 0.00	38.16 0.50 0.00	39.87 0.46 -0.40	76.24 0.99 -2.38	279.51 4.20 0.00	106.25 1.67 0.00	60.86 0.57 -3.42	51.84 0.51 0.00	52.40 0.52 0.00	53.51 0.52 0.00
ETNA_____115KV_TB2 80207	30.69 0.20 0.00	24.90 0.09 0.00	27.70 0.13 0.00	25.35 0.10 0.00	26.02 0.16 0.00	27.58 0.27 0.00	46.28 0.67 0.00	59.93 0.83 0.00	40.50 0.49 0.00	26.76 0.24 0.00	34.16 0.37 0.00	41.55 0.67 0.00	41.14 0.56 0.00	41.87 0.64 0.00	38.54 0.56 0.00	38.16 0.50 0.00	39.87 0.46 -0.40	76.24 0.99 -2.38	279.51 4.20 0.00	106.25 1.67 0.00	60.86 0.57 -3.42	51.84 0.51 0.00	52.40 0.52 0.00	53.51 0.52 0.00
EUCLID___115KV_TB2 356179	29.85 -0.64 0.00	24.27 -0.55 0.00	26.97 -0.60 0.00	24.70 -0.55 0.00	25.32 -0.53 0.00	26.77 -0.54 0.00	44.76 -0.87 0.00	57.94 -1.17 0.00	39.22 -0.78 0.00	25.99 -0.53 0.00	33.18 -0.61 0.00	40.31 -0.58 0.00	39.94 -0.65 0.00	40.55 -0.67 0.00	37.32 -0.66 0.00	36.94 -0.72 0.00	38.22 -0.80 0.00	71.35 -1.52 0.00	269.54 -5.77 0.00	102.47 -2.12 0.00	55.60 -1.28 0.00	50.18 -1.15 0.00	50.68 -1.21 0.00	51.79 -1.20 0.00
E_CANADA_CAP_HY 24051	30.76 0.28 0.00	24.94 0.12 0.00	27.64 0.07 0.00	25.34 0.09 0.00	26.02 0.17 0.00	27.55 0.24 0.00	46.38 0.76 0.00	60.21 1.11 0.00	40.44 0.44 0.00	26.59 0.07 0.00	33.93 0.14 0.00	41.37 0.49 0.00	40.99 0.40 0.00	41.62 0.39 0.00	38.25 0.27 0.00	37.82 0.16 0.00	39.48 0.46 0.00	73.91 1.03 0.00	280.06 4.75 0.00	106.50 1.91 0.00	57.76 0.89 0.00	52.05 0.72 0.00	52.67 0.78 0.00	53.75 0.77 0.00
E_CANADA_MHWK_HY 24050	31.91 1.42 0.00	25.96 1.15 0.00	28.90 1.33 0.00	26.47 1.22 0.00	27.10 1.24 0.00	28.72 1.41 0.00	48.27 2.65 0.00	62.32 3.21 0.00	41.76 1.75 0.00	27.24 0.71 0.00	34.64 0.85 0.00	41.75 0.86 0.00	41.46 0.87 0.00	42.25 1.02 0.00	39.10 1.11 0.00	38.91 1.25 0.00	41.10 2.08 0.00	77.41 4.53 0.00	292.29 16.98 0.00	110.26 5.67 0.00	59.82 2.95 0.00	54.21 2.87 0.00	54.55 2.66 0.00	55.59 2.60 0.00
E_FISHKILL___LBMP 23776	31.60 1.11 0.00	25.66 0.85 0.00	28.46 0.89 0.00	26.11 0.86 0.00	26.65 0.79 0.00	28.15 0.84 0.00	47.34 1.72 0.00	61.22 2.12 0.00	41.41 1.40 0.00	27.49 0.96 0.00	35.16 1.37 0.00	42.62 1.73 0.00	42.43 1.84 0.00	43.01 1.79 0.00	39.73 1.74 0.00	39.34 1.69 0.00	40.82 1.81 0.00	75.90 3.02 0.00	285.77 10.46 0.00	108.34 3.75 0.00	58.89 2.01 0.00	53.10 1.77 0.00	53.72 1.84 0.00	54.47 1.49 0.00
FALCON___SEABRD_CC1 323796	31.03 0.54 0.00	25.19 0.38 0.00	27.80 0.23 0.00	25.45 0.20 0.00	26.21 0.35 0.00	27.71 0.40 0.00	45.17 -0.45 0.00	58.71 -0.40 0.00	39.81 -0.19 0.00	26.61 0.08 0.00	33.68 -0.11 0.00	40.48 -0.40 0.00	40.53 -0.06 0.00	41.45 0.22 0.00	38.30 0.31 0.00	38.43 0.77 0.00	39.01 0.00 0.00	71.57 -1.30 0.00	273.47 -1.84 0.00	105.46 0.88 0.00	57.30 0.42 0.00	51.71 0.38 0.00	52.84 0.95 0.00	54.30 1.31 0.00
FALCON___SEABRD_CC2 323797	31.03 0.54 0.00	25.19 0.38 0.00	27.80 0.23 0.00	25.45 0.20 0.00	26.21 0.35 0.00	27.71 0.40 0.00	45.17 -0.45 0.00	58.71 -0.40 0.00	39.81 -0.19 0.00	26.61 0.08 0.00	33.68 -0.11 0.00	40.48 -0.40 0.00	40.53 -0.06 0.00	41.45 0.22 0.00	38.30 0.31 0.00	38.43 0.77 0.00	39.01 0.00 0.00	71.57 -1.30 0.00	273.47 -1.84 0.00	105.46 0.88 0.00	57.30 0.42 0.00	51.71 0.38 0.00	52.84 0.95 0.00	54.30 1.31 0.00

FAR ROCKAWAY___4 23548	32.32 1.84 0.00	26.19 1.38 0.00	29.02 1.45 0.00	26.58 1.33 0.00	27.07 1.21 0.00	28.57 1.26 0.00	48.19 2.57 0.00	62.31 3.21 0.00	41.99 1.99 0.00	29.26 1.49 -1.25	36.09 2.30 0.00	43.69 2.80 0.00	43.58 2.99 0.00	44.00 2.78 0.00	41.55 2.85 -0.71	40.89 2.72 -0.50	41.77 2.76 0.00	77.53 4.66 0.00	292.43 14.84 -2.28	117.61 6.20 -6.82	60.33 3.45 0.00	54.33 2.99 0.00	54.78 2.90 0.00	55.23 2.24 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.09 1.61 0.00	26.03 1.22 0.00	28.82 1.26 0.00	26.42 1.18 0.00	26.99 1.13 0.00	28.53 1.22 0.00	48.08 2.46 0.00	62.22 3.12 0.00	42.08 2.08 0.00	27.95 1.43 0.00	35.84 2.05 0.00	43.52 2.63 0.00	43.33 2.74 0.00	43.89 2.66 0.00	40.53 2.54 0.00	40.09 2.43 0.00	41.57 2.56 0.00	77.18 4.30 0.00	290.36 15.06 0.00	110.18 5.59 0.00	59.85 2.98 0.00	53.90 2.56 0.00	54.60 2.71 0.00	55.24 2.25 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.09 1.61 0.00	26.03 1.22 0.00	28.83 1.26 0.00	26.43 1.18 0.00	26.99 1.13 0.00	28.53 1.23 0.00	48.09 2.47 0.00	62.22 3.12 0.00	42.07 2.07 0.00	27.95 1.43 0.00	35.83 2.04 0.00	43.52 2.63 0.00	43.32 2.74 0.00	43.89 2.66 0.00	40.53 2.54 0.00	40.09 2.43 0.00	41.57 2.56 0.00	77.19 4.31 0.00	290.39 15.08 0.00	110.18 5.59 0.00	59.87 3.00 0.00	53.90 2.57 0.00	54.61 2.72 0.00	55.24 2.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.11 1.63 0.00	26.01 1.20 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.98 1.12 0.00	28.52 1.21 0.00	48.06 2.44 0.00	62.21 3.10 0.00	42.20 2.20 0.00	27.96 1.44 0.00	35.82 2.03 0.00	43.49 2.61 0.00	43.30 2.71 0.00	43.87 2.64 0.00	40.50 2.52 0.00	40.07 2.41 0.00	41.55 2.53 0.00	77.14 4.27 0.00	290.17 14.86 0.00	110.09 5.51 0.00	59.82 2.94 0.00	53.86 2.52 0.00	54.56 2.67 0.00	55.21 2.22 0.00
FARRAGUT___LBMP 323566	32.06 1.58 0.00	26.00 1.19 0.00	28.80 1.23 0.00	26.40 1.15 0.00	26.96 1.11 0.00	28.50 1.20 0.00	48.02 2.40 0.00	62.15 3.04 0.00	42.01 2.00 0.00	27.91 1.39 0.00	35.80 2.01 0.00	43.46 2.57 0.00	43.27 2.68 0.00	43.84 2.61 0.00	40.48 2.49 0.00	40.05 2.39 0.00	41.51 2.50 0.00	77.08 4.21 0.00	289.98 14.67 0.00	110.03 5.44 0.00	59.77 2.90 0.00	53.83 2.50 0.00	54.53 2.64 0.00	55.18 2.19 0.00
FENNER___WINDPWR 24204	30.69 0.21 0.00	24.93 0.12 0.00	27.75 0.18 0.00	25.45 0.20 0.00	26.13 0.28 0.00	27.60 0.29 0.00	46.46 0.84 0.00	60.15 1.05 0.00	40.53 0.52 0.00	26.73 0.20 0.00	34.16 0.37 0.00	41.40 0.51 0.00	41.05 0.46 0.00	41.75 0.52 0.00	38.55 0.57 0.00	38.30 0.64 0.00	39.74 0.73 0.00	74.99 1.64 -0.47	281.13 5.82 0.00	106.64 2.05 0.00	58.42 0.88 -0.67	51.99 0.66 0.00	52.45 0.57 0.00	53.57 0.58 0.00
FIBERTEK___ENERGY 23856	30.10 -0.38 0.00	24.48 -0.33 0.00	27.23 -0.34 0.00	24.94 -0.31 0.00	25.57 -0.28 0.00	27.05 -0.26 0.00	45.28 -0.34 0.00	58.59 -0.52 0.00	39.64 -0.36 0.00	26.24 -0.28 0.00	33.49 -0.30 0.00	40.73 -0.16 0.00	40.36 -0.23 0.00	41.01 -0.22 0.00	37.73 -0.25 0.00	37.34 -0.31 0.00	38.62 -0.39 0.00	72.16 -0.72 0.00	272.60 -2.71 0.00	103.65 -0.94 0.00	56.17 -0.70 0.00	50.73 -0.61 0.00	51.22 -0.67 0.00	52.29 -0.69 0.00
FITZPATRICK___ 23598	29.48 -1.00 0.00	24.00 -0.82 0.00	26.66 -0.91 0.00	24.42 -0.83 0.00	25.02 -0.83 0.00	26.42 -0.89 0.00	44.12 -1.51 0.00	57.12 -1.99 0.00	38.65 -1.35 0.00	25.63 -0.89 0.00	32.69 -1.10 0.00	39.66 -1.23 0.00	39.31 -1.28 0.00	39.93 -1.30 0.00	36.76 -1.23 0.00	36.40 -1.26 0.00	37.65 -1.37 0.00	70.29 -2.58 0.00	265.41 -9.90 0.00	100.97 -3.62 0.00	54.82 -2.06 0.00	49.49 -1.85 0.00	49.97 -1.91 0.00	51.05 -1.94 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.96 1.48 0.00	25.95 1.14 0.00	28.79 1.22 0.00	26.40 1.15 0.00	26.96 1.10 0.00	28.50 1.19 0.00	48.01 2.39 0.00	62.10 2.99 0.00	41.99 1.99 0.00	27.84 1.32 0.00	35.61 1.82 0.00	43.20 2.31 0.00	43.01 2.42 0.00	43.62 2.39 0.00	40.27 2.29 0.00	39.90 2.24 0.00	41.40 2.39 0.00	77.07 4.20 0.00	290.41 15.10 0.00	110.11 5.52 0.00	59.80 2.93 0.00	53.89 2.55 0.00	54.48 2.60 0.00	55.21 2.22 0.00
FORT ORANGE___ 23900	30.77 0.28 0.00	25.15 0.34 0.00	27.99 0.42 0.00	25.66 0.42 0.00	26.81 0.95 0.00	28.81 1.50 0.00	48.37 2.76 0.00	62.67 3.57 0.00	42.07 2.07 0.00	27.28 0.76 0.00	34.51 0.72 0.00	41.53 0.64 0.00	41.36 0.77 0.00	42.44 1.22 0.00	39.74 1.76 0.00	39.40 1.74 0.00	39.52 0.50 0.00	73.89 1.01 0.00	279.05 3.74 0.00	105.37 0.78 0.00	57.43 0.56 0.00	51.79 0.45 0.00	52.26 0.37 0.00	53.29 0.31 0.00
FORT_DRUM_COGEN 23780	30.64 0.15 0.00	24.93 0.12 0.00	27.41 -0.16 0.00	25.12 -0.13 0.00	26.18 0.33 0.00	27.27 -0.04 0.00	46.65 1.03 0.00	60.98 1.87 0.00	40.32 0.31 0.00	26.42 -0.10 0.00	33.56 -0.23 0.00	40.87 -0.01 0.00	40.19 -0.40 0.00	40.28 -0.94 0.00	37.46 -0.53 0.00	37.89 0.23 0.00	39.43 0.41 0.00	75.01 2.14 0.00	286.15 10.84 0.00	108.98 4.40 0.00	58.78 1.91 0.00	52.61 1.27 0.00	53.08 1.19 0.00	54.83 1.85 0.00
FOX_HILLS___ESR 323835	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.34 0.00	26.49 1.24 0.00	27.07 1.22 0.00	28.63 1.32 0.00	48.24 2.62 0.00	62.37 3.27 0.00	42.21 2.21 0.00	28.06 1.54 0.00	35.88 2.09 0.00	43.52 2.64 0.00	43.30 2.71 0.00	43.86 2.63 0.00	40.53 2.55 0.00	40.05 2.39 0.00	41.56 2.54 0.00	76.97 4.10 0.00	290.14 14.83 0.00	110.34 5.75 0.00	59.92 3.05 0.00	53.89 2.56 0.00	54.66 2.77 0.00	55.29 2.30 0.00
FPL_FAR_ROCK_GT1 24212	32.32 1.84 0.00	26.19 1.38 0.00	29.02 1.45 0.00	26.58 1.33 0.00	27.07 1.22 0.00	28.57 1.26 0.00	48.19 2.57 0.00	62.32 3.21 0.00	41.99 1.98 0.00	29.26 1.49 -1.25	36.09 2.30 0.00	43.68 2.80 0.00	43.58 2.99 0.00	44.01 2.78 0.00	41.54 2.85 -0.71	40.84 2.67 -0.50	41.77 2.76 0.00	77.53 4.66 0.00	292.44 14.85 -2.28	117.60 6.19 -6.82	60.33 3.45 0.00	54.33 2.99 0.00	54.79 2.90 0.00	55.23 2.24 0.00
FPL_FAR_ROCK_GT2 23815	32.32 1.84 0.00	26.19 1.38 0.00	29.02 1.45 0.00	26.58 1.33 0.00	27.07 1.22 0.00	28.57 1.26 0.00	48.19 2.57 0.00	62.32 3.21 0.00	41.99 1.98 0.00	29.26 1.49 -1.25	36.09 2.30 0.00	43.68 2.80 0.00	43.58 2.99 0.00	44.01 2.78 0.00	41.54 2.85 -0.71	40.84 2.67 -0.50	41.77 2.76 0.00	77.53 4.66 0.00	292.44 14.85 -2.28	117.60 6.19 -6.82	60.33 3.45 0.00	54.33 2.99 0.00	54.79 2.90 0.00	55.23 2.24 0.00
FRANKLIN_FALL_HYD 24054	31.29 0.81 0.00	25.44 0.63 0.00	28.09 0.52 0.00	25.69 0.44 0.00	26.43 0.58 0.00	27.91 0.60 0.00	46.25 0.63 0.00	60.42 1.31 0.00	40.90 0.90 0.00	27.15 0.62 0.00	34.45 0.66 0.00	41.64 0.75 0.00	41.52 0.94 0.00	42.22 0.99 0.00	38.89 0.91 0.00	38.72 1.07 0.00	39.67 0.66 0.00	73.67 0.80 0.00	281.81 6.50 0.00	108.53 3.94 0.00	58.86 1.99 0.00	53.02 1.68 0.00	53.72 1.83 0.00	54.97 1.99 0.00

FREEPORT_EQUS_GT1 23764	32.11 1.62 0.00	26.01 1.20 0.00	28.83 1.26 0.00	26.41 1.16 0.00	26.88 1.02 0.00	28.35 1.04 0.00	47.79 2.17 0.00	61.91 2.80 0.00	41.71 1.70 0.00	28.84 1.28 -1.04	35.83 2.04 0.00	43.26 2.37 0.00	43.14 2.55 0.00	43.55 2.32 0.00	40.74 2.46 -0.31	40.18 2.30 -0.22	41.37 2.36 0.00	76.87 3.99 0.00	223.98 12.28 63.61	115.54 5.30 -5.66	59.81 2.94 0.00	53.85 2.52 0.00	54.32 2.43 0.00	54.71 1.72 0.00
FREEPORT___CT2 23818	32.11 1.62 0.00	26.01 1.20 0.00	28.83 1.26 0.00	26.41 1.16 0.00	26.88 1.02 0.00	28.35 1.04 0.00	47.79 2.17 0.00	61.91 2.80 0.00	41.71 1.70 0.00	28.84 1.28 -1.04	35.83 2.04 0.00	43.26 2.37 0.00	43.14 2.55 0.00	43.55 2.32 0.00	40.74 2.46 -0.31	40.18 2.30 -0.22	41.37 2.36 0.00	76.87 3.99 0.00	223.98 12.28 63.61	115.54 5.30 -5.66	59.81 2.94 0.00	53.85 2.52 0.00	54.32 2.43 0.00	54.71 1.72 0.00
FRESHKLS_33_KV_LOAD 356253	32.28 1.80 0.00	26.17 1.37 0.00	28.99 1.42 0.00	26.56 1.31 0.00	27.16 1.30 0.00	28.72 1.41 0.00	48.38 2.76 0.00	62.50 3.40 0.00	42.33 2.33 0.00	28.14 1.61 0.00	35.92 2.13 0.00	43.56 2.67 0.00	43.32 2.73 0.00	43.90 2.67 0.00	40.59 2.60 0.00	40.09 2.43 0.00	41.59 2.58 0.00	77.03 4.16 0.00	290.42 15.11 0.00	110.51 5.92 0.00	59.99 3.12 0.00	53.94 2.60 0.00	54.72 2.83 0.00	55.34 2.35 0.00
FULTON COGEN____ 23766	29.79 -0.69 0.00	24.22 -0.59 0.00	26.91 -0.66 0.00	24.67 -0.58 0.00	25.28 -0.58 0.00	26.70 -0.61 0.00	44.65 -0.97 0.00	57.87 -1.24 0.00	39.15 -0.86 0.00	25.93 -0.60 0.00	33.08 -0.72 0.00	40.17 -0.72 0.00	39.79 -0.80 0.00	40.40 -0.83 0.00	37.15 -0.84 0.00	36.72 -0.95 0.00	38.06 -0.95 0.00	71.09 -1.78 0.00	268.48 -6.83 0.00	102.13 -2.46 0.00	55.41 -1.46 0.00	50.03 -1.31 0.00	50.53 -1.36 0.00	51.65 -1.34 0.00
FULTON___LFGE 323630	31.33 0.85 0.00	25.42 0.61 0.00	28.21 0.64 0.00	25.86 0.61 0.00	26.52 0.66 0.00	28.08 0.77 0.00	47.29 1.68 0.00	61.36 2.26 0.00	41.13 1.13 0.00	26.99 0.46 0.00	34.37 0.58 0.00	41.80 0.91 0.00	41.55 0.96 0.00	42.07 0.84 0.00	38.84 0.86 0.00	38.49 0.83 0.00	40.25 1.24 0.00	75.42 2.54 0.00	285.98 10.68 0.00	108.49 3.90 0.00	58.87 2.00 0.00	53.01 1.68 0.00	53.54 1.65 0.00	54.54 1.56 0.00
G.F.CEMENT___DRP 24184	31.97 1.48 0.00	25.98 1.17 0.00	28.86 1.29 0.00	26.48 1.22 0.00	27.09 1.24 0.00	28.62 1.31 0.00	48.08 2.46 0.00	61.81 2.70 0.00	41.63 1.62 0.00	27.38 0.86 0.00	34.65 0.86 0.00	41.95 1.07 0.00	41.92 1.33 0.00	42.69 1.47 0.00	39.35 1.37 0.00	39.27 1.61 0.00	41.01 2.00 0.00	76.56 3.69 0.00	290.72 15.41 0.00	109.21 4.62 0.00	59.48 2.61 0.00	53.46 2.12 0.00	53.71 1.82 0.00	54.97 1.98 0.00
GARDENVILLE___LBMP 24039	28.69 -1.79 0.00	23.19 -1.62 0.00	25.68 -1.89 0.00	23.28 -1.97 0.00	24.17 -1.68 0.00	26.03 -1.28 0.00	43.24 -2.38 0.00	55.67 -3.43 0.00	38.19 -1.82 0.00	25.52 -1.00 0.00	32.93 -0.86 0.00	40.67 -0.21 0.00	39.77 -0.81 0.00	40.32 -0.90 0.00	36.72 -1.27 0.00	35.80 -1.86 0.00	33.58 -2.90 2.53	67.01 -5.12 0.74	259.14 -16.16 0.00	98.92 -5.67 0.00	52.06 -3.74 1.07	48.23 -3.10 0.00	49.49 -2.41 0.00	51.42 -1.57 0.00
GARDNVLA_35_KV_LD 355827	28.92 -1.56 0.00	23.37 -1.44 0.00	25.88 -1.69 0.00	23.46 -1.79 0.00	24.36 -1.49 0.00	26.25 -1.06 0.00	43.64 -1.98 0.00	56.19 -2.91 0.00	38.55 -1.46 0.00	25.75 -0.78 0.00	33.21 -0.58 0.00	41.03 0.14 0.00	40.13 -0.45 0.00	40.68 -0.55 0.00	37.05 -0.94 0.00	36.15 -1.51 0.00	35.18 -2.54 1.29	67.75 -4.47 0.65	261.46 -13.85 0.00	99.87 -4.72 0.00	52.69 -3.25 0.93	48.66 -2.68 0.00	49.88 -2.00 0.00	51.78 -1.20 0.00
GELCKHM___115KV_LOAD 80723	29.94 -0.54 0.00	24.35 -0.46 0.00	27.07 -0.50 0.00	24.79 -0.46 0.00	25.42 -0.44 0.00	26.88 -0.43 0.00	44.96 -0.67 0.00	58.20 -0.91 0.00	39.38 -0.62 0.00	26.08 -0.44 0.00	33.29 -0.50 0.00	40.47 -0.42 0.00	40.11 -0.48 0.00	40.73 -0.50 0.00	37.47 -0.51 0.00	37.09 -0.57 0.00	38.37 -0.64 0.00	71.67 -1.20 0.00	270.71 -4.60 0.00	102.94 -1.65 0.00	55.82 -1.05 0.00	50.39 -0.94 0.00	50.88 -1.00 0.00	51.99 -0.99 0.00
GENERAL___MILLS 23808	28.83 -1.65 0.00	23.29 -1.52 0.00	25.80 -1.77 0.00	23.40 -1.85 0.00	24.30 -1.56 0.00	26.17 -1.13 0.00	43.49 -2.13 0.00	55.98 -3.13 0.00	38.39 -1.61 0.00	25.64 -0.89 0.00	33.07 -0.72 0.00	40.87 -0.02 0.00	39.98 -0.61 0.00	40.52 -0.71 0.00	36.87 -1.11 0.00	35.97 -1.69 0.00	34.79 -2.74 1.49	67.32 -4.89 0.66	259.98 -15.33 0.00	99.31 -5.28 0.00	52.38 -3.54 0.95	48.41 -2.92 0.00	49.67 -2.22 0.00	51.58 -1.41 0.00
GE_PLASTICS___DRP 24183	30.63 0.14 0.00	25.08 0.27 0.00	27.97 0.40 0.00	25.64 0.39 0.00	26.20 0.34 0.00	27.67 0.36 0.00	46.23 0.61 0.00	59.66 0.56 0.00	40.35 0.34 0.00	26.71 0.18 0.00	33.98 0.19 0.00	40.85 -0.04 0.00	40.67 0.08 0.00	41.37 0.14 0.00	38.28 0.30 0.00	37.99 0.34 0.00	39.52 0.51 0.00	73.80 0.93 0.00	278.33 3.02 0.00	105.20 0.61 0.00	57.33 0.46 0.00	51.76 0.43 0.00	52.27 0.38 0.00	53.31 0.32 0.00
GILBOA___1 23756	30.99 0.51 0.00	25.23 0.42 0.00	28.21 0.64 0.00	25.86 0.61 0.00	26.34 0.48 0.00	27.73 0.42 0.00	46.49 0.87 0.00	60.04 0.94 0.00	40.63 0.63 0.00	26.93 0.41 0.00	34.35 0.56 0.00	41.53 0.64 0.00	41.29 0.70 0.00	41.93 0.70 0.00	38.69 0.70 0.00	38.36 0.70 0.00	39.83 0.82 0.00	74.23 1.36 0.00	278.47 3.17 0.00	105.53 0.94 0.00	57.54 0.67 0.00	52.13 0.79 0.00	52.74 0.85 0.00	53.72 0.74 0.00
GILBOA___2 23757	30.99 0.51 0.00	25.23 0.42 0.00	28.21 0.64 0.00	25.86 0.61 0.00	26.34 0.48 0.00	27.73 0.42 0.00	46.49 0.87 0.00	60.04 0.94 0.00	40.63 0.63 0.00	26.93 0.41 0.00	34.35 0.56 0.00	41.53 0.64 0.00	41.29 0.70 0.00	41.93 0.70 0.00	38.69 0.70 0.00	38.36 0.70 0.00	39.83 0.82 0.00	74.23 1.36 0.00	278.47 3.17 0.00	105.53 0.94 0.00	57.54 0.67 0.00	52.13 0.79 0.00	52.74 0.85 0.00	53.72 0.74 0.00
GILBOA___3 23758	30.99 0.51 0.00	25.23 0.42 0.00	28.21 0.64 0.00	25.86 0.61 0.00	26.34 0.48 0.00	27.73 0.42 0.00	46.49 0.87 0.00	60.04 0.94 0.00	40.63 0.63 0.00	26.93 0.41 0.00	34.35 0.56 0.00	41.53 0.64 0.00	41.29 0.70 0.00	41.93 0.70 0.00	38.69 0.70 0.00	38.36 0.70 0.00	39.83 0.82 0.00	74.23 1.36 0.00	278.47 3.17 0.00	105.53 0.94 0.00	57.54 0.67 0.00	52.13 0.79 0.00	52.74 0.85 0.00	53.72 0.74 0.00
GILBOA___4 23759	30.99 0.51 0.00	25.23 0.42 0.00	28.21 0.64 0.00	25.86 0.61 0.00	26.34 0.48 0.00	27.73 0.42 0.00	46.49 0.87 0.00	60.04 0.94 0.00	40.63 0.63 0.00	26.93 0.41 0.00	34.35 0.56 0.00	41.53 0.64 0.00	41.29 0.70 0.00	41.93 0.70 0.00	38.69 0.70 0.00	38.36 0.70 0.00	39.83 0.82 0.00	74.23 1.36 0.00	278.47 3.17 0.00	105.53 0.94 0.00	57.54 0.67 0.00	52.13 0.79 0.00	52.74 0.85 0.00	53.72 0.74 0.00

GILBOA____ 23599	30.99 0.51 0.00	25.23 0.42 0.00	28.21 0.64 0.00	25.86 0.61 0.00	26.34 0.48 0.00	27.73 0.43 0.00	46.49 0.87 0.00	60.05 0.94 0.00	40.63 0.63 0.00	26.93 0.41 0.00	34.35 0.56 0.00	41.53 0.64 0.00	41.28 0.69 0.00	41.92 0.70 0.00	38.69 0.71 0.00	38.36 0.70 0.00	39.83 0.82 0.00	74.23 1.36 0.00	278.47 3.16 0.00	105.53 0.94 0.00	57.54 0.66 0.00	52.13 0.79 0.00	52.74 0.85 0.00	53.72 0.73 0.00
GINNA____ 23603	28.46 -2.03 0.00	23.10 -1.71 0.00	25.63 -1.94 0.00	23.41 -1.85 0.00	24.10 -1.75 0.00	25.68 -1.62 0.00	42.94 -2.68 0.00	55.61 -3.50 0.00	37.84 -2.16 0.00	25.13 -1.39 0.00	32.20 -1.59 0.00	39.30 -1.58 0.00	38.77 -1.82 0.00	39.33 -1.90 0.00	36.07 -1.91 0.00	35.51 -2.14 0.00	36.41 -2.61 0.00	67.78 -4.78 0.31	258.59 -16.71 0.00	98.57 -6.02 0.00	52.81 -3.62 0.45	48.10 -3.24 0.00	48.68 -3.20 0.00	49.92 -3.07 0.00
GLEN PARK____ 23778	30.74 0.26 0.00	25.00 0.19 0.00	27.50 -0.07 0.00	25.20 -0.06 0.00	26.26 0.41 0.00	27.37 0.06 0.00	46.85 1.23 0.00	61.24 2.14 0.00	40.50 0.50 0.00	26.54 0.01 0.00	33.69 -0.10 0.00	41.02 0.13 0.00	40.30 -0.28 0.00	40.32 -0.91 0.00	37.53 -0.45 0.00	37.94 0.27 0.00	39.53 0.51 0.00	75.32 2.45 0.00	287.52 12.21 0.00	109.50 4.91 0.00	59.06 2.18 0.00	52.81 1.48 0.00	53.26 1.38 0.00	55.01 2.02 0.00
GLENDALE_27_KV_LOAD 356172	32.22 1.73 0.00	26.13 1.32 0.00	28.93 1.37 0.00	26.52 1.27 0.00	27.09 1.23 0.00	28.62 1.31 0.00	48.23 2.61 0.00	62.44 3.33 0.00	42.23 2.22 0.00	28.09 1.56 0.00	36.01 2.22 0.00	43.73 2.85 0.00	43.53 2.94 0.00	44.09 2.86 0.00	40.72 2.73 0.00	40.27 2.61 0.00	41.75 2.73 0.00	77.42 4.55 0.00	291.35 16.04 0.00	110.62 6.03 0.00	60.11 3.24 0.00	54.13 2.80 0.00	54.84 2.95 0.00	55.44 2.45 0.00
GLENWOOD_IC_1_G5 23712	32.07 1.59 0.00	26.00 1.19 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.92 1.07 0.00	28.43 1.12 0.00	47.92 2.30 0.00	62.03 2.92 0.00	41.88 1.87 0.00	29.20 1.36 -1.32	35.82 2.03 0.00	43.38 2.50 0.00	43.24 2.65 0.00	43.72 2.50 0.00	40.75 2.52 -0.25	40.24 2.40 -0.18	41.48 2.47 0.00	77.07 4.19 0.00	256.24 13.85 32.91	117.25 5.47 -7.19	59.83 2.95 0.00	53.86 2.52 0.00	54.39 2.51 0.00	54.94 1.95 0.00
GLENWOOD_IC_2_G1 23688	31.97 1.49 0.00	25.93 1.12 0.00	28.73 1.16 0.00	26.34 1.09 0.00	26.86 1.01 0.00	28.37 1.07 0.00	47.82 2.20 0.00	61.86 2.76 0.00	41.77 1.77 0.00	27.85 1.27 -0.06	35.68 1.89 0.00	43.24 2.36 0.00	43.10 2.51 0.00	43.60 2.37 0.00	40.34 2.35 -0.01	39.89 2.23 0.00	41.35 2.34 0.00	76.81 3.94 0.00	288.50 13.19 0.00	109.99 5.09 -0.30	59.60 2.73 0.00	53.69 2.35 0.00	54.27 2.38 0.00	54.85 1.86 0.00
GLENWOOD_IC_3_G1 23689	31.97 1.49 0.00	25.93 1.12 0.00	28.73 1.16 0.00	26.34 1.09 0.00	26.86 1.01 0.00	28.37 1.07 0.00	47.82 2.20 0.00	61.86 2.76 0.00	41.77 1.77 0.00	27.85 1.27 -0.06	35.68 1.89 0.00	43.24 2.36 0.00	43.10 2.51 0.00	43.60 2.37 0.00	40.34 2.35 -0.01	39.89 2.23 0.00	41.35 2.34 0.00	76.81 3.94 0.00	288.50 13.19 0.00	109.99 5.09 -0.30	59.60 2.73 0.00	53.69 2.35 0.00	54.27 2.38 0.00	54.85 1.86 0.00
GLENWOOD____4 23550	32.07 1.59 0.00	26.00 1.19 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.92 1.07 0.00	28.43 1.12 0.00	47.92 2.30 0.00	62.03 2.92 0.00	41.88 1.87 0.00	29.20 1.36 -1.32	35.82 2.03 0.00	43.38 2.50 0.00	43.24 2.65 0.00	43.72 2.50 0.00	40.75 2.52 -0.25	40.24 2.40 -0.18	41.48 2.47 0.00	77.07 4.19 0.00	256.24 13.85 32.91	117.25 5.47 -7.19	59.83 2.95 0.00	53.86 2.52 0.00	54.39 2.51 0.00	54.94 1.95 0.00
GLENWOOD____5 23614	32.07 1.59 0.00	26.00 1.19 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.92 1.07 0.00	28.43 1.12 0.00	47.92 2.30 0.00	62.03 2.92 0.00	41.88 1.87 0.00	29.20 1.36 -1.32	35.82 2.03 0.00	43.38 2.50 0.00	43.24 2.65 0.00	43.72 2.50 0.00	40.75 2.52 -0.25	40.24 2.40 -0.18	41.48 2.47 0.00	77.07 4.19 0.00	256.24 13.85 32.91	117.25 5.47 -7.19	59.83 2.95 0.00	53.86 2.52 0.00	54.39 2.51 0.00	54.94 1.95 0.00
GLOBAL GREEN_PORT_GT1 23814	31.85 1.36 0.00	25.70 0.89 0.00	28.54 0.97 0.00	26.34 1.09 0.00	26.49 0.64 0.00	24.07 0.52 3.75	37.98 1.04 8.67	48.84 1.76 12.02	33.70 0.93 7.23	25.23 0.79 2.09	35.16 1.37 0.00	-1.10 0.82 42.81	-15.59 1.03 57.20	-7.84 0.72 49.79	13.61 1.16 25.53	34.25 1.34 4.74	36.96 1.93 3.99	64.47 3.10 11.49	152.49 6.22 129.04	97.56 4.94 11.97	51.10 3.04 8.81	45.81 2.42 7.95	45.43 1.57 8.03	50.36 0.78 3.40
GLOBE____DSASP 323697	28.05 -2.44 0.00	22.70 -2.11 0.00	25.16 -2.41 0.00	22.82 -2.43 0.00	23.70 -2.15 0.00	25.58 -1.73 0.00	42.26 -3.36 0.00	54.16 -4.95 0.00	37.30 -2.71 0.00	24.96 -1.56 0.00	32.13 -1.66 0.00	39.95 -0.94 0.00	39.12 -1.47 0.00	39.62 -1.60 0.00	36.05 -1.94 0.00	35.06 -2.60 0.00	33.96 -3.88 1.18	64.81 -7.48 0.59	250.41 -24.90 0.00	95.80 -8.78 0.00	50.70 -5.33 0.85	46.87 -4.47 0.00	48.16 -3.73 0.00	50.42 -2.57 0.00
GOETHSLN____LBMP 323567	31.96 1.48 0.00	25.92 1.11 0.00	28.70 1.13 0.00	26.31 1.06 0.00	26.88 1.02 0.00	28.42 1.11 0.00	47.92 2.30 0.00	61.96 2.86 0.00	41.88 1.87 0.00	27.81 1.29 0.00	35.66 1.87 0.00	43.32 2.43 0.00	43.13 2.54 0.00	43.69 2.46 0.00	40.34 2.36 0.00	39.91 2.24 0.00	41.40 2.38 0.00	76.86 3.99 0.00	289.23 13.92 0.00	109.75 5.17 0.00	59.61 2.74 0.00	53.64 2.31 0.00	54.36 2.47 0.00	55.01 2.02 0.00
GOLAH____69_KV_TB 1_2 80279	29.79 -0.69 0.00	24.15 -0.66 0.00	26.78 -0.79 0.00	24.41 -0.84 0.00	25.21 -0.65 0.00	26.96 -0.35 0.00	45.11 -0.51 0.00	58.24 -0.86 0.00	39.73 -0.27 0.00	26.42 -0.10 0.00	33.92 0.13 0.00	41.58 0.69 0.00	40.92 0.33 0.00	41.36 0.13 0.00	37.81 -0.17 0.00	37.03 -0.63 0.00	37.56 -1.28 0.17	70.32 -2.18 0.37	269.57 -5.73 0.00	103.14 -1.45 0.00	55.08 -1.25 0.54	50.32 -1.02 0.00	51.06 -0.83 0.00	52.54 -0.45 0.00
GOODYEAR_LAKE_HYD 323669	31.01 0.52 0.00	25.15 0.34 0.00	28.00 0.43 0.00	25.66 0.41 0.00	26.26 0.41 0.00	27.77 0.47 0.00	46.79 1.17 0.00	60.63 1.52 0.00	40.92 0.91 0.00	27.11 0.58 0.00	34.66 0.87 0.00	42.13 1.24 0.00	41.75 1.16 0.00	42.41 1.18 0.00	39.02 1.03 0.00	38.68 1.02 0.00	40.08 1.07 0.00	74.87 2.00 0.00	282.31 7.01 0.00	107.31 2.72 0.00	58.21 1.34 0.00	52.49 1.15 0.00	53.08 1.20 0.00	54.15 1.16 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.36 -0.12 0.00	24.59 -0.22 0.00	27.40 -0.17 0.00	25.07 -0.18 0.00	25.70 -0.15 0.00	27.26 -0.05 0.00	45.63 0.01 0.00	59.00 -0.11 0.00	39.93 -0.08 0.00	26.45 -0.07 0.00	33.93 0.14 0.00	41.38 0.49 0.00	40.85 0.26 0.00	41.52 0.29 0.00	38.15 0.17 0.00	37.74 0.08 0.00	38.86 -0.15 0.00	72.30 -0.24 0.33	274.31 -1.00 0.00	104.37 -0.21 0.00	55.94 -0.46 0.48	51.00 -0.33 0.00	51.76 -0.13 0.00	52.94 -0.04 0.00

GOUDEY___7 23579	30.36 -0.12 0.00	24.59 -0.22 0.00	27.40 -0.17 0.00	25.07 -0.18 0.00	25.70 -0.15 0.00	27.26 -0.05 0.00	45.63 0.01 0.00	59.00 -0.11 0.00	39.93 -0.08 0.00	26.45 -0.07 0.00	33.93 0.14 0.00	41.38 0.49 0.00	40.85 0.26 0.00	41.52 0.29 0.00	38.15 0.17 0.00	37.74 0.08 0.00	38.86 -0.15 0.00	72.30 -0.24 0.33	274.31 -1.00 0.00	104.37 -0.21 0.00	55.94 -0.46 0.48	51.00 -0.33 0.00	51.76 -0.13 0.00	52.94 -0.04 0.00
GOUDEY___8 23580	30.36 -0.12 0.00	24.59 -0.22 0.00	27.40 -0.17 0.00	25.07 -0.18 0.00	25.70 -0.15 0.00	27.26 -0.05 0.00	45.63 0.01 0.00	59.00 -0.11 0.00	39.93 -0.08 0.00	26.45 -0.07 0.00	33.93 0.14 0.00	41.38 0.49 0.00	40.85 0.26 0.00	41.52 0.29 0.00	38.15 0.17 0.00	37.74 0.08 0.00	38.86 -0.15 0.00	72.30 -0.24 0.33	274.31 -1.00 0.00	104.37 -0.21 0.00	55.94 -0.46 0.48	51.00 -0.33 0.00	51.76 -0.13 0.00	52.94 -0.04 0.00
GOWANUS_GT1_1 24077	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.34 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.31 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.59 2.71 0.00	43.38 2.79 0.00	43.94 2.72 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.63 2.61 0.00	77.15 4.27 0.00	290.67 15.36 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.68 0.00	54.75 2.87 0.00	55.39 2.40 0.00
GOWANUS_GT1_2 24078	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.34 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.31 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.59 2.71 0.00	43.38 2.79 0.00	43.94 2.72 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.63 2.61 0.00	77.15 4.27 0.00	290.67 15.36 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.68 0.00	54.75 2.87 0.00	55.39 2.40 0.00
GOWANUS_GT1_3 24079	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.34 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.31 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.59 2.71 0.00	43.38 2.79 0.00	43.94 2.72 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.63 2.61 0.00	77.15 4.27 0.00	290.67 15.36 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.68 0.00	54.75 2.87 0.00	55.39 2.40 0.00
GOWANUS_GT1_4 24080	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.34 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.31 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.59 2.71 0.00	43.38 2.79 0.00	43.94 2.72 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.63 2.61 0.00	77.15 4.27 0.00	290.67 15.36 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.68 0.00	54.75 2.87 0.00	55.39 2.40 0.00
GOWANUS_GT1_5 24084	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.34 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.31 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.59 2.71 0.00	43.38 2.79 0.00	43.94 2.72 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.63 2.61 0.00	77.15 4.27 0.00	290.67 15.36 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.68 0.00	54.75 2.87 0.00	55.39 2.40 0.00
GOWANUS_GT1_6 24111	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.34 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.31 0.00	48.25 2.63 0.00	62.43 3.32																

GOWANUS_GT2_6 24119	32.18 1.70 0.00	26.09 1.28 0.00	28.90 1.34 0.00	26.49 1.24 0.00	27.06 1.21 0.00	28.62 1.31 0.00	48.23 2.61 0.00	62.39 3.28 0.00	42.22 2.21 0.00	28.06 1.53 0.00	35.91 2.11 0.00	43.57 2.68 0.00	43.38 2.79 0.00	43.92 2.70 0.00	40.58 2.59 0.00	40.12 2.46 0.00	41.61 2.59 0.00	77.11 4.24 0.00	290.55 15.24 0.00	110.41 5.82 0.00	59.98 3.11 0.00	54.00 2.67 0.00	54.74 2.85 0.00	55.36 2.37 0.00
GOWANUS_GT2_7 24120	32.18 1.70 0.00	26.09 1.28 0.00	28.90 1.34 0.00	26.49 1.24 0.00	27.06 1.21 0.00	28.62 1.31 0.00	48.23 2.61 0.00	62.39 3.28 0.00	42.22 2.21 0.00	28.06 1.53 0.00	35.91 2.11 0.00	43.57 2.68 0.00	43.38 2.79 0.00	43.92 2.70 0.00	40.58 2.59 0.00	40.12 2.46 0.00	41.61 2.59 0.00	77.11 4.24 0.00	290.55 15.24 0.00	110.41 5.82 0.00	59.98 3.11 0.00	54.00 2.67 0.00	54.74 2.85 0.00	55.36 2.37 0.00
GOWANUS_GT2_8 24121	32.18 1.70 0.00	26.09 1.28 0.00	28.90 1.34 0.00	26.49 1.24 0.00	27.06 1.21 0.00	28.62 1.31 0.00	48.23 2.61 0.00	62.39 3.28 0.00	42.22 2.21 0.00	28.06 1.53 0.00	35.91 2.11 0.00	43.57 2.68 0.00	43.38 2.79 0.00	43.92 2.70 0.00	40.58 2.59 0.00	40.12 2.46 0.00	41.61 2.59 0.00	77.11 4.24 0.00	290.55 15.24 0.00	110.41 5.82 0.00	59.98 3.11 0.00	54.00 2.67 0.00	54.74 2.85 0.00	55.36 2.37 0.00
GOWANUS_GT3_1 24122	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
GOWANUS_GT3_2 24123	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
GOWANUS_GT3_3 24124	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
GOWANUS_GT3_4 24125	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
GOWANUS_GT3_5 24126	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00															

GOWANUS_GT4_5 24134	32.19 1.70 0.00	26.09 1.28 0.00	28.90 1.34 0.00	26.49 1.24 0.00	27.06 1.21 0.00	28.62 1.31 0.00	48.23 2.61 0.00	62.39 3.28 0.00	42.22 2.22 0.00	28.06 1.54 0.00	35.91 2.11 0.00	43.57 2.69 0.00	43.36 2.78 0.00	43.93 2.70 0.00	40.58 2.59 0.00	40.11 2.46 0.00	41.61 2.59 0.00	77.11 4.24 0.00	290.52 15.21 0.00	110.41 5.83 0.00	59.99 3.12 0.00	54.00 2.66 0.00	54.73 2.85 0.00	55.36 2.37 0.00
GOWANUS_GT4_6 24135	32.19 1.70 0.00	26.09 1.28 0.00	28.90 1.34 0.00	26.49 1.24 0.00	27.06 1.21 0.00	28.62 1.31 0.00	48.23 2.61 0.00	62.39 3.28 0.00	42.22 2.22 0.00	28.06 1.54 0.00	35.91 2.11 0.00	43.57 2.69 0.00	43.36 2.78 0.00	43.93 2.70 0.00	40.58 2.59 0.00	40.11 2.46 0.00	41.61 2.59 0.00	77.11 4.24 0.00	290.52 15.21 0.00	110.41 5.83 0.00	59.99 3.12 0.00	54.00 2.66 0.00	54.73 2.85 0.00	55.36 2.37 0.00
GOWANUS_GT4_7 24136	32.19 1.70 0.00	26.09 1.28 0.00	28.90 1.34 0.00	26.49 1.24 0.00	27.06 1.21 0.00	28.62 1.31 0.00	48.23 2.61 0.00	62.39 3.28 0.00	42.22 2.22 0.00	28.06 1.54 0.00	35.91 2.11 0.00	43.57 2.69 0.00	43.36 2.78 0.00	43.93 2.70 0.00	40.58 2.59 0.00	40.11 2.46 0.00	41.61 2.59 0.00	77.11 4.24 0.00	290.52 15.21 0.00	110.41 5.83 0.00	59.99 3.12 0.00	54.00 2.66 0.00	54.73 2.85 0.00	55.36 2.37 0.00
GOWANUS_GT4_8 24137	32.19 1.70 0.00	26.09 1.28 0.00	28.90 1.34 0.00	26.49 1.24 0.00	27.06 1.21 0.00	28.62 1.31 0.00	48.23 2.61 0.00	62.39 3.28 0.00	42.22 2.22 0.00	28.06 1.54 0.00	35.91 2.11 0.00	43.57 2.69 0.00	43.36 2.78 0.00	43.93 2.70 0.00	40.58 2.59 0.00	40.11 2.46 0.00	41.61 2.59 0.00	77.11 4.24 0.00	290.52 15.21 0.00	110.41 5.83 0.00	59.99 3.12 0.00	54.00 2.66 0.00	54.73 2.85 0.00	55.36 2.37 0.00
GREATVRV_69_KV_BK1 356245	32.34 1.85 0.00	26.19 1.38 0.00	29.06 1.49 0.00	26.61 1.36 0.00	27.03 1.18 0.00	25.62 1.09 2.77	41.51 2.29 6.41	53.25 3.02 8.88	36.45 1.79 5.34	26.56 1.35 1.31	36.01 2.22 0.00	24.06 2.60 19.43	17.47 2.85 25.97	21.18 2.56 22.60	29.14 2.70 11.54	38.07 2.54 2.12	38.61 2.54 2.95	68.72 4.34 8.49	170.20 11.62 116.73	102.51 5.51 7.58	53.57 3.20 6.51	48.10 2.64 5.87	48.32 2.36 5.93	52.07 1.60 2.52
GREENBSH_115KV_TB3 55895	30.63 0.14 0.00	25.03 0.22 0.00	27.87 0.30 0.00	25.54 0.29 0.00	26.08 0.22 0.00	27.55 0.25 0.00	45.95 0.33 0.00	59.23 0.13 0.00	40.08 0.07 0.00	26.55 0.03 0.00	33.77 -0.03 0.00	40.46 -0.43 0.00	40.33 -0.25 0.00	41.01 -0.21 0.00	38.00 0.02 0.00	37.73 0.07 0.00	39.33 0.32 0.00	73.45 0.58 0.00	277.15 1.85 0.00	104.61 0.02 0.00	57.05 0.18 0.00	51.48 0.14 0.00	51.95 0.06 0.00	53.01 0.02 0.00
GREENDGE_115KV_TB5 80291	29.84 -0.64 0.00	24.16 -0.64 0.00	26.90 -0.66 0.00	24.56 -0.69 0.00	25.25 -0.61 0.00	26.91 -0.40 0.00	45.00 -0.63 0.00	57.99 -1.11 0.00	39.53 -0.47 0.00	26.23 -0.29 0.00	33.56 -0.23 0.00	41.10 0.21 0.00	40.55 -0.04 0.00	41.18 -0.05 0.00	37.85 -0.13 0.00	37.38 -0.28 0.00	40.13 -0.76 -1.88	69.40 -1.61 1.86	268.73 -6.57 0.00	102.86 -1.73 0.00	52.94 -1.26 2.68	50.26 -1.08 0.00	51.12 -0.77 0.00	52.31 -0.67 0.00
GREENIDGE___3 23582	29.84 -0.64 0.00	24.16 -0.64 0.00	26.90 -0.66 0.00	24.56 -0.69 0.00	25.25 -0.61 0.00	26.91 -0.40 0.00	45.00 -0.63 0.00	57.99 -1.11 0.00	39.53 -0.47 0.00	26.23 -0.29 0.00	33.56 -0.23 0.00	41.10 0.21 0.00	40.55 -0.04 0.00	41.18 -0.05 0.00	37.85 -0.13 0.00	37.38 -0.28 0.00	40.13 -0.76 -1.88	69.40 -1.61 1.86	268.73 -6.57 0.00	102.86 -1.73 0.00	52.94 -1.26 2.68	50.26 -1.08 0.00	51.12 -0.77 0.00	52.31 -0.67 0.00
GREENIDGE___4 23583	29.84 -0.64 0.00	24.17 -0.64 0.00	26.91 -0.66 0.00	24.56 -0.69 0.00	25.25 -0.61 0.00	26.91 -0.40 0.00	44.99 -0.63 0.00	58.00 -1.11 0.00	39.53 -0.47 0.00	26.23 -0.29 0.00	33.56 -0.23 0.00	41.10 0.22 0.00	40.53 -0.06 0.00	41.18 -0.05 0.00	37.85 -0.13 0.00	37.37 -0.29 0.00	40.14 -0.75 -1.88	69.41 -1.60 1.86	268.50 -6.81 0.00	102.86 -1.73 0.00	52.94 -1.25 2.68	50.25 -1.09 0.00	51.12 -0.77 0.00	52.32 -0.67 0.00
GREENLWN_69_KV_BK 3 55738	31.71 1.23 0.00	25.73 0.92 0.00	28.53 0.96 0.00	26.13 0.87 0.00	26.54 0.69 0.00	31.21 0.62 -3.28	54.69 1.49 -7.57	71.52 1.92 -10.50	47.42 1.10 -6.31	30.68 0.90 -3.25	35.41 1.62 0.00	48.00 1.84 -5.27	49.72 2.08 -7.05	49.13 1.77 -6.14	43.19 2.00 -3.21	40.14 1.86 -0.62	44.32 1.83 -3.48	85.87 2.96 -10.04	218.62 7.74 64.43	126.71 3.89 -18.23	66.71 2.14 -7.69	60.01 1.74 -6.94	60.47 1.57 -7.01	56.81 0.84 -2.97
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.34 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.31 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.59 2.71 0.00	43.38 2.79 0.00	43.94 2.72 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.63 2.61 0.00	77.15 4.27 0.00	290.67 15.36 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.68 0.00	54.75 2.87 0.00	55.39 2.40 0.00
GRISSOM___SOLAR 323813	31.44 0.95 0.00	25.51 0.70 0.00	28.33 0.77 0.00	25.96 0.71 0.00	26.61 0.76 0.00	28.17 0.86 0.00	47.40 1.78 0.00	61.47 2.36 0.00	41.20 1.19 0.00	27.07 0.55 0.00	34.46 0.66 0.00	41.82 0.93 0.00	41.59 1.00 0.00	42.11 0.88 0.00	38.92 0.93 0.00	38.60 0.94 0.00	40.35 1.34 0.00	75.58 2.70 0.00	286.59 11.28 0.00	108.65 4.06 0.00	59.01 2.13 0.00	53.14 1.80 0.00	53.65 1.76 0.00	54.67 1.68 0.00
GROVEVILLE___HYD 323602	31.96 1.48 0.00	25.95 1.14 0.00	28.79 1.22 0.00	26.40 1.15 0.00	26.96 1.10 0.00	28.50 1.19 0.00	48.01 2.39 0.00	62.10 2.99 0.00	41.99 1.99 0.00	27.84 1.32 0.00	35.61 1.82 0.00	43.20 2.31 0.00	43.01 2.42 0.00	43.62 2.39 0.00	40.27 2.29 0.00	39.90 2.24 0.00	41.40 2.39 0.00	77.07 4.20 0.00	290.41 15.10 0.00	110.11 5.52 0.00	59.80 2.93 0.00	53.89 2.55 0.00	54.48 2.60 0.00	55.21 2.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.10 -0.38 0.00	24.48 -0.33 0.00	27.23 -0.34 0.00	24.94 -0.31 0.00	25.57 -0.28 0.00	27.05 -0.26 0.00	45.28 -0.34 0.00	58.59 -0.52 0.00	39.64 -0.36 0.00	26.24 -0.28 0.00	33.49 -0.30 0.00	40.73 -0.16 0.00	40.36 -0.23 0.00	41.01 -0.22 0.00	37.73 -0.25 0.00	37.34 -0.31 0.00	38.62 -0.39 0.00	72.16 -0.72 0.00	272.60 -2.71 0.00	103.65 -0.94 0.00	56.17 -0.70 0.00	50.73 -0.61 0.00	51.22 -0.67 0.00	52.29 -0.69 0.00
HAMLTNNY_34_KV_TB 80303	30.16 -0.33 0.00	24.52 -0.29 0.00	27.26 -0.30 0.00	24.95 -0.30 0.00	25.60 -0.25 0.00	27.11 -0.20 0.00	45.42 -0.20 0.00	58.69 -0.42 0.00	39.74 -0.26 0.00	26.28 -0.24 0.00	33.60 -0.19 0.00	40.91 0.03 0.00	40.52 -0.07 0.00	41.17 -0.05 0.00	37.83 -0.16 0.00	37.39 -0.26 0.00	38.65 -0.36 0.00	72.27 -0.61 0.00	273.26 -2.05 0.00	103.91 -0.68 0.00	56.27 -0.60 0.00	50.84 -0.50 0.00	51.36 -0.53 0.00	52.45 -0.54 0.00

HAMPSHIRE___PAPER_HYD 323593	30.93 0.45 0.00	25.17 0.36 0.00	27.78 0.21 0.00	25.45 0.20 0.00	26.32 0.47 0.00	27.55 0.24 0.00	46.46 0.84 0.00	60.40 1.29 0.00	40.37 0.36 0.00	26.62 0.09 0.00	33.94 0.15 0.00	41.14 0.26 0.00	40.76 0.17 0.00	41.18 -0.04 0.00	38.07 0.08 0.00	38.15 0.49 0.00	39.31 0.30 0.00	73.74 0.87 0.00	281.31 6.01 0.00	107.51 2.92 0.00	58.48 1.61 0.00	52.74 1.41 0.00	53.25 1.36 0.00	54.75 1.77 0.00
HARDSCRABBLE_WT_PWR 323673	31.55 1.07 0.00	25.66 0.85 0.00	28.54 0.97 0.00	26.15 0.90 0.00	26.81 0.95 0.00	28.39 1.09 0.00	47.69 2.07 0.00	61.58 2.48 0.00	41.33 1.32 0.00	27.05 0.52 0.00	34.41 0.62 0.00	41.41 0.53 0.00	41.11 0.52 0.00	41.94 0.71 0.00	38.79 0.81 0.00	38.57 0.91 0.00	40.68 1.67 0.00	76.54 3.67 0.00	288.99 13.68 0.00	109.04 4.45 0.00	59.17 2.29 0.00	53.59 2.25 0.00	54.00 2.11 0.00	55.06 2.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.92 1.44 0.00	25.89 1.08 0.00	28.70 1.13 0.00	26.31 1.06 0.00	26.89 1.03 0.00	28.45 1.14 0.00	47.96 2.34 0.00	61.98 2.87 0.00	41.88 1.88 0.00	27.78 1.26 0.00	35.56 1.77 0.00	43.22 2.33 0.00	43.02 2.44 0.00	43.63 2.40 0.00	40.29 2.31 0.00	39.88 2.22 0.00	41.37 2.35 0.00	77.01 4.13 0.00	290.48 15.17 0.00	110.09 5.50 0.00	59.72 2.85 0.00	53.74 2.41 0.00	54.36 2.47 0.00	55.08 2.09 0.00
HARSNRAD_115KV_TB1 81005	28.48 -2.00 0.00	23.04 -1.77 0.00	25.52 -2.04 0.00	23.15 -2.10 0.00	24.05 -1.80 0.00	25.96 -1.35 0.00	42.95 -2.67 0.00	55.16 -3.95 0.00	37.94 -2.07 0.00	25.37 -1.15 0.00	32.67 -1.12 0.00	40.42 -0.47 0.00	39.50 -1.09 0.00	40.01 -1.21 0.00	36.41 -1.58 0.00	35.39 -2.27 0.00	34.34 -3.46 1.21	66.01 -6.29 0.57	255.16 -20.15 0.00	97.74 -6.85 0.00	51.69 -4.35 0.83	47.73 -3.61 0.00	49.00 -2.89 0.00	50.95 -2.04 0.00
HARZA MOOSE___RIVER 24016	30.79 0.30 0.00	25.05 0.24 0.00	27.70 0.13 0.00	25.41 0.16 0.00	26.26 0.40 0.00	27.48 0.17 0.00	46.73 1.11 0.00	60.68 1.58 0.00	40.48 0.47 0.00	26.64 0.12 0.00	34.03 0.24 0.00	41.23 0.35 0.00	40.70 0.11 0.00	41.19 -0.03 0.00	38.14 0.15 0.00	38.29 0.63 0.00	39.76 0.75 0.00	74.86 1.99 0.00	284.26 8.95 0.00	108.04 3.45 0.00	58.47 1.59 0.00	52.35 1.01 0.00	52.80 0.91 0.00	54.28 1.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.93 -0.55 0.00	24.33 -0.48 0.00	27.05 -0.52 0.00	24.78 -0.47 0.00	25.40 -0.46 0.00	26.85 -0.46 0.00	44.92 -0.70 0.00	58.17 -0.93 0.00	39.36 -0.64 0.00	26.08 -0.44 0.00	33.30 -0.49 0.00	40.47 -0.41 0.00	40.11 -0.48 0.00	40.73 -0.50 0.00	37.48 -0.50 0.00	37.11 -0.55 0.00	38.37 -0.64 0.00	71.64 -1.23 0.00	270.56 -4.74 0.00	102.86 -1.73 0.00	55.78 -1.09 0.00	50.35 -0.99 0.00	50.84 -1.05 0.00	51.94 -1.05 0.00
HELLGATE_13_KV_LD 55870	32.27 1.79 0.00	26.18 1.37 0.00	28.99 1.42 0.00	26.58 1.33 0.00	27.14 1.29 0.00	28.69 1.38 0.00	48.33 2.71 0.00	62.57 3.47 0.00	42.32 2.32 0.00	28.15 1.63 0.00	36.09 2.30 0.00	43.83 2.95 0.00	43.63 3.04 0.00	44.20 2.97 0.00	40.81 2.83 0.00	40.36 2.70 0.00	41.83 2.81 0.00	77.57 4.69 0.00	291.87 16.57 0.00	110.83 6.24 0.00	60.23 3.35 0.00	54.25 2.91 0.00	54.97 3.08 0.00	55.57 2.58 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.27 1.79 0.00	26.18 1.37 0.00	28.99 1.42 0.00	26.58 1.33 0.00	27.14 1.29 0.00	28.69 1.38 0.00	48.33 2.71 0.00	62.57 3.47 0.00	42.32 2.32 0.00	28.15 1.63 0.00	36.09 2.30 0.00	43.83 2.95 0.00	43.63 3.04 0.00	44.20 2.97 0.00	40.81 2.83 0.00	40.36 2.70 0.00	41.83 2.81 0.00	77.57 4.69 0.00	291.87 16.57 0.00	110.83 6.24 0.00	60.23 3.35 0.00	54.25 2.91 0.00	54.97 3.08 0.00	55.57 2.58 0.00
HEMPSTEAD___ 23647	31.91 1.42 0.00	25.87 1.06 0.00	28.67 1.10 0.00	26.28 1.03 0.00	26.76 0.90 0.00	28.22 0.91 0.00	47.58 1.96 0.00	61.62 2.52 0.00	41.55 1.54 0.00	28.83 1.17 -1.14	35.63 1.84 0.00	43.08 2.19 0.00	42.96 2.37 0.00	43.39 2.16 0.00	40.52 2.28 -0.26	39.97 2.12 -0.18	41.20 2.18 0.00	76.52 3.64 0.00	235.61 11.26 50.96	115.54 4.72 -6.23	59.47 2.60 0.00	53.54 2.21 0.00	54.02 2.13 0.00	54.47 1.48 0.00
HICKLING___1 23621	29.83 -0.66 0.00	24.08 -0.73 0.00	26.87 -0.70 0.00	24.50 -0.75 0.00	25.18 -0.67 0.00	26.87 -0.44 0.00	45.01 -0.61 0.00	58.08 -1.03 0.00	39.41 -0.60 0.00	26.15 -0.37 0.00	33.71 -0.08 0.00	41.33 0.44 0.00	40.59 0.00 0.00	41.26 0.04 0.00	37.86 -0.13 0.00	37.36 -0.29 0.00	38.91 -0.82 -0.71	69.75 -1.40 1.73	270.84 -4.47 0.00	103.22 -1.37 0.00	53.05 -1.34 2.49	50.24 -1.09 0.00	51.20 -0.69 0.00	52.55 -0.43 0.00
HICKLING___2 23622	29.83 -0.66 0.00	24.08 -0.73 0.00	26.87 -0.70 0.00	24.50 -0.75 0.00	25.18 -0.67 0.00	26.87 -0.44 0.00	45.01 -0.61 0.00	58.08 -1.03 0.00	39.41 -0.60 0.00	26.15 -0.37 0.00	33.71 -0.08 0.00	41.33 0.44 0.00	40.59 0.00 0.00	41.26 0.04 0.00	37.86 -0.13 0.00	37.36 -0.29 0.00	38.91 -0.82 -0.71	69.75 -1.40 1.73	270.84 -4.47 0.00	103.22 -1.37 0.00	53.05 -1.34 2.49	50.24 -1.09 0.00	51.20 -0.69 0.00	52.55 -0.43 0.00
HIGH FALLS___HY 23754	32.02 1.54 0.00	25.94 1.13 0.00	28.77 1.21 0.00	26.39 1.14 0.00	26.92 1.07 0.00	28.45 1.14 0.00	48.00 2.38 0.00	62.18 3.08 0.00	42.07 2.06 0.00	27.89 1.37 0.00	35.66 1.87 0.00	43.36 2.47 0.00	43.03 2.45 0.00	43.44 2.21 0.00	40.08 2.09 0.00	39.73 2.07 0.00	41.28 2.26 0.00	76.90 4.02 0.00	289.81 14.50 0.00	110.01 5.42 0.00	59.74 2.87 0.00	54.09 2.76 0.00	54.69 2.80 0.00	55.39 2.40 0.00
HIGH_RIVER___SOLAR 323847	31.32 0.83 0.00	25.42 0.61 0.00	28.24 0.67 0.00	25.87 0.62 0.00	26.52 0.66 0.00	28.06 0.75 0.00	47.17 1.55 0.00	61.08 1.97 0.00	40.98 0.98 0.00	26.79 0.27 0.00	34.12 0.33 0.00	41.58 0.69 0.00	41.15 0.57 0.00	41.81 0.58 0.00	38.55 0.57 0.00	38.29 0.63 0.00	40.16 1.15 0.00	75.17 2.29 0.00	285.13 9.82 0.00	108.06 3.48 0.00	58.71 1.84 0.00	52.88 1.54 0.00	53.41 1.52 0.00	54.46 1.48 0.00
HILLBURN___GT 23639	31.88 1.40 0.00	25.85 1.04 0.00	28.64 1.07 0.00	26.25 1.00 0.00	26.84 0.98 0.00	28.39 1.08 0.00	47.87 2.25 0.00	61.86 2.75 0.00	41.78 1.78 0.00	27.72 1.20 0.00	35.55 1.76 0.00	43.19 2.30 0.00	43.01 2.43 0.00	43.59 2.37 0.00	40.23 2.25 0.00	39.81 2.15 0.00	41.28 2.26 0.00	76.83 3.95 0.00	289.68 14.37 0.00	109.82 5.23 0.00	59.56 2.69 0.00	53.58 2.24 0.00	54.21 2.32 0.00	54.92 1.94 0.00
HILLSIDE_115KV_TB1 80332	29.69 -0.79 0.00	23.96 -0.85 0.00	26.75 -0.82 0.00	24.42 -0.83 0.00	25.08 -0.78 0.00	26.72 -0.59 0.00	44.71 -0.90 0.00	57.65 -1.46 0.00	39.08 -0.92 0.00	25.91 -0.61 0.00	33.41 -0.38 0.00	41.00 0.11 0.00	40.26 -0.33 0.00	40.93 -0.30 0.00	37.51 -0.48 0.00	37.06 -0.60 0.00	38.44 -1.11 -0.54	69.22 -2.03 1.62	267.95 -7.36 0.00	102.17 -2.42 0.00	52.64 -1.90 2.33	49.76 -1.57 0.00	50.73 -1.15 0.00	52.03 -0.96 0.00

HISHELDN_WT_PWR 323625	28.45 -2.04 0.00	23.01 -1.80 0.00	25.50 -2.07 0.00	23.07 -2.18 0.00	23.89 -1.96 0.00	25.72 -1.59 0.00	42.82 -2.80 0.00	55.19 -3.91 0.00	37.85 -2.16 0.00	25.32 -1.21 0.00	32.66 -1.13 0.00	40.22 -0.67 0.00	39.27 -1.32 0.00	39.86 -1.37 0.00	36.37 -1.61 0.00	35.54 -2.12 0.00	32.08 -2.99 3.94	66.95 -5.05 0.87	259.06 -16.25 0.00	98.60 -5.99 0.00	51.75 -3.87 1.25	48.10 -3.23 0.00	49.33 -2.56 0.00	51.21 -1.78 0.00
HOLTSVILLE_IC_1 23690	31.95 1.47 0.00	25.85 1.04 0.00	28.71 1.14 0.00	26.32 1.07 0.00	26.71 0.85 0.00	24.10 0.76 3.97	38.04 1.60 9.18	48.47 2.08 12.72	33.50 1.15 7.65	25.23 0.97 2.26	35.43 1.64 0.00	-0.50 1.61 43.00	-14.95 1.91 57.45	-7.18 1.60 50.01	14.16 1.83 25.65	34.55 1.66 4.77	36.73 1.94 4.22	63.91 3.20 12.16	150.62 6.56 131.25	95.79 4.12 12.92	49.99 2.44 9.32	44.92 1.99 8.40	44.94 1.54 8.49	50.05 0.67 3.60
HOLTSVILLE_IC_10 23699	32.07 1.59 0.00	25.95 1.14 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.80 0.95 0.00	24.95 0.87 3.23	39.97 1.81 7.46	51.14 2.37 10.34	35.10 1.32 6.22	25.91 1.07 1.68	35.57 1.79 0.00	1.28 1.77 41.38	-12.62 2.07 55.28	-5.14 1.76 48.12	15.21 1.90 24.67	34.82 1.74 4.58	37.64 2.06 3.43	66.58 3.59 9.88	159.87 8.01 123.44	99.58 4.67 9.68	52.04 2.74 7.57	46.74 2.23 6.83	46.76 1.78 6.90	50.95 0.89 2.93
HOLTSVILLE_IC_2 23691	31.95 1.47 0.00	25.85 1.04 0.00	28.71 1.14 0.00	26.32 1.07 0.00	26.71 0.85 0.00	24.10 0.76 3.97	38.04 1.60 9.18	48.47 2.08 12.72	33.50 1.15 7.65	25.23 0.97 2.26	35.43 1.64 0.00	-0.50 1.61 43.00	-14.95 1.91 57.45	-7.18 1.60 50.01	14.16 1.83 25.65	34.55 1.66 4.77	36.73 1.94 4.22	63.91 3.20 12.16	150.62 6.56 131.25	95.79 4.12 12.92	49.99 2.44 9.32	44.92 1.99 8.40	44.94 1.54 8.49	50.05 0.67 3.60
HOLTSVILLE_IC_3 23692	31.95 1.47 0.00	25.85 1.04 0.00	28.71 1.14 0.00	26.32 1.07 0.00	26.71 0.85 0.00	24.10 0.76 3.97	38.04 1.60 9.18	48.47 2.08 12.72	33.50 1.15 7.65	25.23 0.97 2.26	35.43 1.64 0.00	-0.50 1.61 43.00	-14.95 1.91 57.45	-7.18 1.60 50.01	14.16 1.83 25.65	34.55 1.66 4.77	36.73 1.94 4.22	63.91 3.20 12.16	150.62 6.56 131.25	95.79 4.12 12.92	49.99 2.44 9.32	44.92 1.99 8.40	44.94 1.54 8.49	50.05 0.67 3.60
HOLTSVILLE_IC_4 23693	31.95 1.47 0.00	25.85 1.04 0.00	28.71 1.14 0.00	26.32 1.07 0.00	26.71 0.85 0.00	24.10 0.76 3.97	38.04 1.60 9.18	48.47 2.08 12.72	33.50 1.15 7.65	25.23 0.97 2.26	35.43 1.64 0.00	-0.50 1.61 43.00	-14.95 1.91 57.45	-7.18 1.60 50.01	14.16 1.83 25.65	34.55 1.66 4.77	36.73 1.94 4.22	63.91 3.20 12.16	150.62 6.56 131.25	95.79 4.12 12.92	49.99 2.44 9.32	44.92 1.99 8.40	44.94 1.54 8.49	50.05 0.67 3.60
HOLTSVILLE_IC_5 23694	31.95 1.47 0.00	25.85 1.04 0.00	28.71 1.14 0.00	26.32 1.07 0.00	26.71 0.85 0.00	24.10 0.76 3.97	38.04 1.60 9.18	48.47 2.08 12.72	33.50 1.15 7.65	25.23 0.97 2.26	35.43 1.64 0.00	-0.50 1.61 43.00	-14.95 1.91 57.45	-7.18 1.60 50.01	14.16 1.83 25.65	34.55 1.66 4.77	36.73 1.94 4.22	63.91 3.20 12.16	150.62 6.56 131.25	95.79 4.12 12.92	49.99 2.44 9.32	44.92 1.99 8.40	44.94 1.54 8.49	50.05 0.67 3.60
HOLTSVILLE_IC_6 23695	32.07 1.59 0.00	25.95 1.14 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.80 0.95 0.00	24.95 0.87 3.23	39.97 1.81 7.46	51.14 2.37 10.34	35.10 1.32 6.22	25.91 1.07 1.68	35.57 1.79 0.00	1.28 1.77 41.38	-12.62 2.07 55.28	-5.14 1.76 48.12	15.21 1.90 24.67	34.82 1.74 4.58	37.64 2.06 3.43	66.58 3.59 9.88	159.87 8.01 123.44	99.58 4.67 9.68	52.04 2.74 7.57	46.74 2.23 6.83	46.76 1.78 6.90	50.95 0.89 2.93
HOLTSVILLE_IC_7 23696	32.07 1.59 0.00	25.95 1.14 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.80 0.95 0.00	24.95 0.87 3.23	39.97 1.81 7.46	51.14 2.37 10.34	35.10 1.32 6.22	25.91 1.07 1.68	35.57 1.79 0.00	1.28 1.77 41.38	-12.62 2.07 55.28	-5.14 1.76 48.12	15.21 1.90 24.67	34.82 1.74 4.58	37.64 2.06 3.43	66.58 3.59 9.88	159.87 8.01 123.44	99.58 4.67 9.68	52.04 2.74 7.57	46.74 2.23 6.83	46.76 1.78 6.90	50.95 0.89 2.93
HOLTSVILLE_IC_8 23697	32.07 1.59 0.00	25.95 1.14 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.80 0.95 0.00	24.95 0.87 3.23	39.97 1.81 7.46	51.14 2.37 10.34	35.10 1.32 6.22	25.91 1.07 1.68	35.57 1.79 0.00	1.28 1.77 41.38	-12.62 2.07 55.28	-5.14 1.76 48.12	15.21 1.90 24.67	34.82 1.74 4.58	37.64 2.06 3.43	66.58 3.59 9.88	159.87 8.01 123.44	99.58 4.67 9.68	52.04 2.74 7.57	46.74 2.23 6.83	46.76 1.78 6.90	50.95 0.89 2.93
HOLTSVILLE_IC_9 23698	32.07 1.59 0.00	25.95 1.14 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.80 0.95 0.00	24.95 0.87 3.23	39.97 1.81 7.46	51.14 2.37 10.34	35.10 1.32 6.22	25.91 1.07 1.68	35.57 1.79 0.00	1.28 1.77 41.38	-12.62 2.07 55.28	-5.14 1.76 48.12	15.21 1.90 24.67	34.82 1.74 4.58	37.64 2.06 3.43	66.58 3.59 9.88	159.87 8.01 123.44	99.58 4.67 9.68	52.04 2.74 7.57	46.74 2.23 6.83	46.76 1.78 6.90	50.95 0.89 2.93
HOMER_HL_115KV_TB2 355744	29.69 -0.80 0.00	23.90 -0.91 0.00	26.53 -1.04 0.00	24.13 -1.12 0.00	25.03 -0.83 0.00	26.71 -0.60 0.00	44.41 -1.21 0.00	57.26 -1.85 0.00	38.99 -1.01 0.00	25.94 -0.59 0.00	33.75 -0.04 0.00	41.56 0.67 0.00	40.69 0.10 0.00	41.25 0.02 0.00	37.56 -0.43 0.00	36.70 -0.96 0.00	36.00 -1.87 1.14	69.03 -3.12 0.72	265.76 -9.55 0.00	101.27 -3.32 0.00	53.28 -2.56 1.04	49.30 -2.04 0.00	50.56 -1.33 0.00	52.26 -0.73 0.00
HOWARD_WT_PWR 323690	27.75 -2.73 0.00	22.45 -2.36 0.00	25.09 -2.48 0.00	22.80 -2.45 0.00	23.39 -2.47 0.00	25.01 -2.30 0.00	42.08 -3.54 0.00	54.45 -4.66 0.00	37.17 -2.84 0.00	24.84 -1.69 0.00	31.97 -1.82 0.00	39.12 -1.76 0.00	38.47 -2.12 0.00	39.41 -1.81 0.00	36.37 -1.62 0.00	35.81 -1.85 0.00	40.98 -2.69 -4.65	66.29 -4.71 1.87	260.05 -15.25 0.00	99.15 -5.44 0.00	50.88 -3.30 2.69	48.31 -3.02 0.00	49.02 -2.87 0.00	50.71 -2.28 0.00
HQ_GEN_CEDARS 23644	31.10 0.62 0.00	25.33 0.52 0.00	28.06 0.49 0.00	25.67 0.42 0.00	26.35 0.49 0.00	27.83 0.52 0.00	46.26 0.64 0.00	60.15 1.05 0.00	40.77 0.77 0.00	27.07 0.54 0.00	34.41 0.62 0.00	41.61 0.73 0.00	41.32 0.74 0.00	41.94 0.71 0.00	38.58 0.59 0.00	38.28 0.62 0.00	39.48 0.47 0.00	73.69 0.82 0.00	279.86 4.56 0.00	107.06 2.48 0.00	58.29 1.41 0.00	52.57 1.24 0.00	53.20 1.31 0.00	54.42 1.43 0.00
HQ_GEN_CEDARS_PROXY 323590	31.10 0.62 0.00	25.33 0.52 0.00	28.06 0.49 0.00	25.67 0.42 0.00	26.35 0.49 0.00	27.83 0.52 0.00	46.25 0.64 0.00	60.16 1.05 0.00	40.77 0.77 0.00	27.07 0.54 0.00	34.41 0.62 0.00	41.61 0.72 0.00	41.32 0.74 0.00	41.94 0.71 0.00	38.58 0.59 0.00	38.28 0.62 0.00	38.20 0.47 1.29	73.69 0.82 0.00	279.86 4.56 0.00	107.06 2.47 0.00	58.29 1.41 0.00	52.57 1.24 0.00	53.20 1.31 0.00	54.42 1.43 0.00

HQ_GEN_IMPORT 323601	30.73 0.25 0.00	25.01 0.20 0.00	27.76 0.19 0.00	25.40 0.15 0.00	26.04 0.18 0.00	27.51 0.20 0.00	45.82 0.20 0.00	59.53 0.43 0.00	40.33 0.33 0.00	26.77 0.25 0.00	34.07 0.27 0.00	41.01 0.32 0.19	40.91 0.32 0.00	41.55 0.32 0.00	38.25 0.26 0.00	37.94 0.28 0.00	39.22 0.20 0.00	73.25 0.37 0.00	227.61 2.04 49.74	109.03 0.98 -3.46	54.28 0.60 3.20	51.85 0.51 0.00	52.45 0.56 0.00	53.60 0.61 0.00
HQ_GEN_WHEEL 23651	30.73 0.25 0.00	25.01 0.20 0.00	27.76 0.19 0.00	25.40 0.15 0.00	26.04 0.18 0.00	27.51 0.20 0.00	45.82 0.20 0.00	59.53 0.43 0.00	40.33 0.33 0.00	26.77 0.25 0.00	34.07 0.27 0.00	41.01 0.32 0.19	40.91 0.32 0.00	41.55 0.32 0.00	38.25 0.26 0.00	37.94 0.28 0.00	39.22 0.20 0.00	73.25 0.37 0.00	227.61 2.04 49.74	109.03 0.98 -3.46	54.28 0.60 3.20	51.85 0.51 0.00	52.45 0.56 0.00	53.60 0.61 0.00
HUDSON AVE_GT_3 23810	32.10 1.62 0.00	26.03 1.22 0.00	28.83 1.27 0.00	26.43 1.18 0.00	27.00 1.14 0.00	28.54 1.23 0.00	48.11 2.49 0.00	62.24 3.13 0.00	42.09 2.08 0.00	27.96 1.44 0.00	35.86 2.07 0.00	43.54 2.65 0.00	43.35 2.76 0.00	43.92 2.70 0.00	40.55 2.56 0.00	40.11 2.45 0.00	41.59 2.57 0.00	77.22 4.35 0.00	290.49 15.19 0.00	110.22 5.63 0.00	59.88 3.01 0.00	53.92 2.59 0.00	54.61 2.72 0.00	55.26 2.28 0.00
HUDSON AVE_GT_4 23540	32.10 1.62 0.00	26.03 1.22 0.00	28.83 1.27 0.00	26.43 1.18 0.00	27.00 1.14 0.00	28.54 1.23 0.00	48.11 2.49 0.00	62.24 3.13 0.00	42.09 2.08 0.00	27.96 1.44 0.00	35.86 2.07 0.00	43.54 2.65 0.00	43.35 2.76 0.00	43.92 2.70 0.00	40.55 2.56 0.00	40.11 2.45 0.00	41.59 2.57 0.00	77.22 4.35 0.00	290.49 15.19 0.00	110.22 5.63 0.00	59.88 3.01 0.00	53.92 2.59 0.00	54.61 2.72 0.00	55.26 2.28 0.00
HUDSON AVE_GT_5 23657	32.10 1.62 0.00	26.03 1.22 0.00	28.83 1.27 0.00	26.43 1.18 0.00	27.00 1.14 0.00	28.54 1.23 0.00	48.11 2.49 0.00	62.24 3.13 0.00	42.09 2.08 0.00	27.96 1.44 0.00	35.86 2.07 0.00	43.54 2.65 0.00	43.35 2.76 0.00	43.92 2.70 0.00	40.55 2.56 0.00	40.11 2.45 0.00	41.59 2.57 0.00	77.22 4.35 0.00	290.49 15.19 0.00	110.22 5.63 0.00	59.88 3.01 0.00	53.92 2.59 0.00	54.61 2.72 0.00	55.26 2.28 0.00
HUDSON_AVE_10 24168	31.99 1.51 0.00	25.95 1.14 0.00	28.75 1.18 0.00	26.36 1.11 0.00	26.91 1.06 0.00	28.45 1.14 0.00	47.88 2.26 0.00	61.98 2.88 0.00	41.91 1.91 0.00	27.82 1.30 0.00	35.70 1.91 0.00	43.35 2.46 0.00	43.15 2.56 0.00	43.71 2.49 0.00	40.37 2.39 0.00	39.93 2.27 0.00	41.39 2.37 0.00	76.78 3.91 0.01	288.96 13.65 0.00	109.65 5.06 0.00	59.55 2.68 0.00	53.68 2.34 0.00	54.41 2.52 0.00	55.04 2.06 0.00
HUDSON___115KV_TB 4 355613	31.09 0.61 0.00	25.43 0.62 0.00	28.31 0.75 0.00	25.95 0.70 0.00	26.96 1.11 0.00	28.75 1.44 0.00	48.26 2.64 0.00	62.50 3.39 0.00	41.99 1.99 0.00	27.27 0.74 0.00	34.51 0.72 0.00	41.53 0.64 0.00	41.35 0.77 0.00	42.42 1.19 0.00	39.69 1.70 0.00	39.37 1.71 0.00	40.02 1.00 0.00	74.93 2.06 0.00	283.76 8.46 0.00	107.15 2.56 0.00	58.35 1.48 0.00	52.58 1.24 0.00	52.99 1.11 0.00	54.01 1.02 0.00
HUNTER MOUNT___DRP 323613	31.09 0.61 0.00	25.45 0.64 0.00	28.36 0.79 0.00	26.00 0.75 0.00	26.87 1.02 0.00	28.59 1.28 0.00	47.94 2.32 0.00	62.09 2.99 0.00	41.76 1.75 0.00	27.18 0.66 0.00	34.42 0.63 0.00	41.40 0.52 0.00	41.23 0.65 0.00	42.31 1.08 0.00	39.45 1.46 0.00	39.17 1.51 0.00	40.10 1.09 0.00	75.14 2.27 0.00	284.85 9.54 0.00	107.56 2.98 0.00	58.54 1.67 0.00	52.74 1.41 0.00	53.12 1.23 0.00	54.15 1.16 0.00
HUNTINGTON_RES_REC 323705	31.82 1.34 0.00	25.79 0.98 0.00	28.61 1.04 0.00	26.21 0.96 0.00	26.61 0.75 0.00	28.87 0.68 -0.88	49.22 1.57 -2.03	63.97 2.06 -2.81	42.81 1.12 -1.69	28.87 0.92 -1.42	35.42 1.63 0.00	-35.45 1.72 78.07	-61.72 2.00 104.31	-47.89 1.68 90.79	-6.69 1.91 46.58	30.74 1.74 8.67	41.85 1.90 -0.93	78.75 3.19 -2.69	195.86 7.63 87.07	116.63 4.14 -7.90	61.32 2.39 -2.06	55.13 1.94 -1.86	55.38 1.61 -1.88	54.60 0.81 -0.80
HUNTLEY___63 23557	28.69 -1.80 0.00	23.20 -1.61 0.00	25.69 -1.88 0.00	23.30 -1.95 0.00	24.20 -1.66 0.00	26.13 -1.18 0.00	43.27 -2.35 0.00	55.60 -3.51 0.00	38.22 -1.79 0.00	25.57 -0.95 0.00	32.94 -0.85 0.00	40.79 -0.09 0.00	39.88 -0.70 0.00	40.42 -0.81 0.00	36.79 -1.20 0.00	35.79 -1.87 0.00	34.72 -3.04 1.26	66.70 -5.56 0.60	257.53 -17.78 0.00	98.59 -6.00 0.00	52.09 -3.92 0.87	48.10 -3.24 0.00	49.37 -2.52 0.00	51.40 -1.59 0.00
HUNTLEY___64 23558	28.69 -1.80 0.00	23.20 -1.61 0.00	25.69 -1.88 0.00	23.30 -1.95 0.00	24.20 -1.66 0.00	26.13 -1.18 0.00	43.27 -2.35 0.00	55.60 -3.51 0.00	38.22 -1.79 0.00	25.57 -0.95 0.00	32.94 -0.85 0.00	40.79 -0.09 0.00	39.88 -0.70 0.00	40.42 -0.81 0.00	36.79 -1.20 0.00	35.79 -1.87 0.00	34.72 -3.04 1.26	66.70 -5.56 0.60	257.53 -17.78 0.00	98.59 -6.00 0.00	52.09 -3.92 0.87	48.10 -3.24 0.00	49.37 -2.52 0.00	51.40 -1.59 0.00
HUNTLEY___65 23559	28.69 -1.80 0.00	23.20 -1.61 0.00	25.69 -1.88 0.00	23.30 -1.95 0.00	24.20 -1.66 0.00	26.13 -1.18 0.00	43.27 -2.35 0.00	55.60 -3.51 0.00	38.22 -1.79 0.00	25.57 -0.95 0.00	32.94 -0.85 0.00	40.79 -0.09 0.00	39.88 -0.70 0.00	40.42 -0.81 0.00	36.79 -1.20 0.00	35.79 -1.87 0.00	34.72 -3.04 1.26	66.70 -5.56 0.60	257.53 -17.78 0.00	98.59 -6.00 0.00	52.09 -3.92 0.87	48.10 -3.24 0.00	49.37 -2.52 0.00	51.40 -1.59 0.00
HUNTLEY___66 23560	28.69 -1.80 0.00	23.20 -1.61 0.00	25.69 -1.88 0.00	23.30 -1.95 0.00	24.20 -1.66 0.00	26.13 -1.18 0.00	43.27 -2.35 0.00	55.60 -3.51 0.00	38.22 -1.79 0.00	25.57 -0.95 0.00	32.94 -0.85 0.00	40.79 -0.09 0.00	39.88 -0.70 0.00	40.42 -0.81 0.00	36.79 -1.20 0.00	35.79 -1.87 0.00	34.72 -3.04 1.26	66.70 -5.56 0.60	257.53 -17.78 0.00	98.59 -6.00 0.00	52.09 -3.92 0.87	48.10 -3.24 0.00	49.37 -2.52 0.00	51.40 -1.59 0.00
HUNTLEY___67 23561	28.57 -1.91 0.00	23.09 -1.72 0.00	25.58 -1.99 0.00	23.21 -2.04 0.00	24.11 -1.74 0.00	25.98 -1.33 0.00	43.07 -2.55 0.00	55.36 -3.74 0.00	38.02 -1.99 0.00	25.39 -1.13 0.00	32.73 -1.07 0.00	40.47 -0.42 0.00	39.59 -0.99 0.00	40.12 -1.11 0.00	36.51 -1.48 0.00	35.57 -2.09 0.00	34.54 -3.22 1.25	66.43 -5.83 0.61	256.51 -18.79 0.00	98.07 -6.51 0.00	51.81 -4.18 0.89	47.88 -3.45 0.00	49.13 -2.76 0.00	51.09 -1.90 0.00
HUNTLEY___68 23562	28.57 -1.91 0.00	23.09 -1.72 0.00	25.58 -1.99 0.00	23.21 -2.04 0.00	24.11 -1.74 0.00	25.98 -1.33 0.00	43.07 -2.55 0.00	55.36 -3.74 0.00	38.02 -1.99 0.00	25.39 -1.13 0.00	32.73 -1.07 0.00	40.47 -0.42 0.00	39.59 -0.99 0.00	40.12 -1.11 0.00	36.51 -1.48 0.00	35.57 -2.09 0.00	34.54 -3.22 1.25	66.43 -5.83 0.61	256.51 -18.79 0.00	98.07 -6.51 0.00	51.81 -4.18 0.89	47.88 -3.45 0.00	49.13 -2.76 0.00	51.09 -1.90 0.00

HYLAND___LFGE 323620	30.45 -0.04 0.00	24.60 -0.21 0.00	27.35 -0.22 0.00	24.91 -0.34 0.00	25.71 -0.14 0.00	27.56 0.25 0.00	46.34 0.72 0.00	60.16 1.05 0.00	40.99 0.99 0.00	26.95 0.43 0.00	34.10 0.31 0.00	41.94 1.05 0.00	40.93 0.34 0.00	41.78 0.55 0.00	38.10 0.12 0.00	37.73 0.07 0.00	43.13 -0.14 -4.25	71.85 -0.04 0.98	281.27 5.96 0.00	107.41 2.82 0.00	56.46 1.00 1.41	52.17 0.83 0.00	52.85 0.96 0.00	54.37 1.38 0.00
INDECK___CORINTH 23802	31.55 1.06 0.00	25.64 0.83 0.00	28.49 0.92 0.00	26.13 0.88 0.00	26.73 0.88 0.00	28.23 0.92 0.00	47.37 1.75 0.00	60.93 1.83 0.00	41.04 1.03 0.00	27.01 0.49 0.00	34.23 0.44 0.00	41.46 0.57 0.00	41.42 0.83 0.00	42.17 0.94 0.00	38.86 0.88 0.00	38.74 1.08 0.00	40.42 1.40 0.00	75.50 2.63 0.00	286.40 11.09 0.00	107.69 3.10 0.00	58.63 1.76 0.00	52.73 1.40 0.00	53.00 1.11 0.00	54.25 1.26 0.00
INDECK___ILION 23567	31.12 0.63 0.00	25.32 0.51 0.00	28.16 0.59 0.00	25.80 0.55 0.00	26.42 0.57 0.00	27.94 0.63 0.00	46.89 1.27 0.00	60.61 1.51 0.00	40.80 0.79 0.00	26.86 0.33 0.00	34.20 0.41 0.00	41.26 0.37 0.00	40.97 0.38 0.00	41.70 0.47 0.00	38.51 0.53 0.00	38.26 0.60 0.00	40.05 1.04 0.00	75.13 2.26 0.00	283.61 8.30 0.00	107.28 2.69 0.00	58.20 1.33 0.00	52.59 1.25 0.00	53.05 1.16 0.00	54.10 1.12 0.00
INDECK___OLEAN 23982	29.69 -0.80 0.00	23.90 -0.91 0.00	26.53 -1.04 0.00	24.14 -1.12 0.00	25.03 -0.82 0.00	26.71 -0.60 0.00	44.41 -1.21 0.00	57.26 -1.85 0.00	38.99 -1.02 0.00	25.94 -0.59 0.00	33.75 -0.04 0.00	41.57 0.68 0.00	40.65 0.06 0.00	41.24 0.02 0.00	37.55 -0.43 0.00	36.70 -0.96 0.00	35.99 -1.88 1.14	69.03 -3.12 0.72	265.74 -9.57 0.00	101.26 -3.33 0.00	53.26 -2.57 1.04	49.28 -2.05 0.00	50.55 -1.34 0.00	52.26 -0.73 0.00
INDECK___OSWEGO 23783	29.65 -0.83 0.00	24.12 -0.69 0.00	26.78 -0.79 0.00	24.55 -0.70 0.00	25.17 -0.69 0.00	26.55 -0.76 0.00	44.41 -1.21 0.00	57.54 -1.57 0.00	38.89 -1.11 0.00	25.74 -0.78 0.00	32.86 -0.93 0.00	39.88 -1.00 0.00	39.50 -1.09 0.00	40.07 -1.16 0.00	36.85 -1.13 0.00	36.34 -1.31 0.00	37.59 -1.42 0.00	70.14 -2.73 0.00	265.08 -10.23 0.00	100.80 -3.79 0.00	54.71 -2.16 0.00	49.45 -1.88 0.00	50.18 -1.71 0.00	51.42 -1.56 0.00
INDECK___YERKES 23781	28.72 -1.77 0.00	23.22 -1.59 0.00	25.71 -1.86 0.00	23.32 -1.93 0.00	24.22 -1.63 0.00	26.16 -1.15 0.00	43.31 -2.31 0.00	55.64 -3.46 0.00	38.26 -1.75 0.00	25.60 -0.93 0.00	32.98 -0.81 0.00	40.84 -0.05 0.00	39.87 -0.72 0.00	40.45 -0.77 0.00	36.81 -1.17 0.00	35.81 -1.85 0.00	34.76 -3.00 1.26	66.75 -5.52 0.60	257.71 -17.60 0.00	98.67 -5.91 0.00	52.13 -3.88 0.87	48.14 -3.20 0.00	49.41 -2.48 0.00	51.45 -1.54 0.00
INDIAN POINT_GT_1 24139	31.86 1.37 0.00	25.83 1.03 0.00	28.62 1.05 0.00	26.23 0.98 0.00	26.80 0.94 0.00	28.33 1.02 0.00	47.73 2.11 0.00	61.70 2.59 0.00	41.70 1.69 0.00	27.68 1.15 0.00	35.48 1.69 0.00	43.06 2.17 0.00	42.88 2.29 0.00	43.45 2.23 0.00	40.12 2.14 0.00	39.72 2.06 0.00	41.20 2.18 0.00	76.59 3.72 0.00	288.47 13.16 0.00	109.37 4.78 0.00	59.39 2.51 0.00	53.47 2.14 0.00	54.11 2.22 0.00	54.82 1.83 0.00
INDIAN POINT_GT_2 23659	31.86 1.37 0.00	25.83 1.03 0.00	28.62 1.05 0.00	26.23 0.98 0.00	26.80 0.94 0.00	28.33 1.02 0.00	47.73 2.11 0.00	61.70 2.59 0.00	41.70 1.69 0.00	27.68 1.15 0.00	35.48 1.69 0.00	43.06 2.17 0.00	42.88 2.29 0.00	43.45 2.23 0.00	40.12 2.14 0.00	39.72 2.06 0.00	41.20 2.18 0.00	76.59 3.72 0.00	288.47 13.16 0.00	109.37 4.78 0.00	59.39 2.51 0.00	53.47 2.14 0.00	54.11 2.22 0.00	54.82 1.83 0.00
INDIAN POINT_GT_3 24019	31.86 1.37 0.00	25.83 1.03 0.00	28.62 1.05 0.00	26.23 0.98 0.00	26.80 0.94 0.00	28.33 1.02 0.00	47.73 2.11 0.00	61.70 2.59 0.00	41.70 1.69 0.00	27.68 1.15 0.00	35.48 1.69 0.00	43.06 2.17 0.00	42.88 2.29 0.00	43.45 2.23 0.00	40.12 2.14 0.00	39.72 2.06 0.00	41.20 2.18 0.00	76.59 3.72 0.00	288.47 13.16 0.00	109.37 4.78 0.00	59.39 2.51 0.00	53.47 2.14 0.00	54.11 2.22 0.00	54.82 1.83 0.00
INDIAN POINT___2 23530	31.83 1.34 0.00	25.80 1.00 0.00	28.59 1.02 0.00	26.22 0.97 0.00	26.78 0.93 0.00	28.31 1.00 0.00	47.71 2.09 0.00	61.66 2.55 0.00	41.66 1.66 0.00	27.65 1.13 0.00	35.45 1.66 0.00	43.04 2.15 0.00	42.86 2.28 0.00	43.43 2.21 0.00	40.11 2.12 0.00	39.68 2.02 0.00	41.16 2.15 0.00	76.53 3.66 0.00	288.38 13.07 0.00	109.33 4.74 0.00	59.35 2.47 0.00	53.42 2.09 0.00	54.06 2.17 0.00	54.76 1.78 0.00
INDIAN POINT___3 23531	31.82 1.34 0.00	25.80 1.00 0.00	28.60 1.03 0.00	26.23 0.97 0.00	26.78 0.93 0.00	28.31 1.00 0.00	47.69 2.08 0.00	61.65 2.55 0.00	41.66 1.66 0.00	27.66 1.13 0.00	35.46 1.66 0.00	43.03 2.14 0.00	42.85 2.26 0.00	43.43 2.20 0.00	40.09 2.10 0.00	39.68 2.02 0.00	41.16 2.15 0.00	76.54 3.66 0.00	288.25 12.94 0.00	109.29 4.70 0.00	59.34 2.46 0.00	53.42 2.09 0.00	54.06 2.17 0.00	54.77 1.79 0.00
INGHAM_C_115KV_TB7 356103	31.91 1.43 0.00	25.96 1.15 0.00	28.90 1.33 0.00	26.47 1.22 0.00	27.10 1.24 0.00	28.72 1.41 0.00	48.27 2.65 0.00	62.32 3.21 0.00	41.76 1.75 0.00	27.24 0.71 0.00	34.64 0.85 0.00	41.75 0.86 0.00	41.46 0.87 0.00	42.25 1.02 0.00	39.10 1.11 0.00	38.91 1.25 0.00	41.10 2.08 0.00	77.40 4.53 0.00	292.28 16.97 0.00	110.26 5.67 0.00	59.82 2.95 0.00	54.21 2.88 0.00	54.55 2.67 0.00	55.59 2.60 0.00
IP CORINTH___1 23988	31.70 1.22 0.00	25.76 0.95 0.00	28.63 1.06 0.00	26.25 1.00 0.00	26.86 1.01 0.00	28.37 1.06 0.00	47.64 2.02 0.00	61.27 2.17 0.00	41.28 1.27 0.00	27.16 0.64 0.00	34.42 0.63 0.00	41.68 0.80 0.00	41.64 1.05 0.00	42.39 1.16 0.00	39.06 1.07 0.00	38.95 1.29 0.00	40.64 1.62 0.00	75.92 3.05 0.00	287.96 12.66 0.00	108.28 3.70 0.00	58.97 2.10 0.00	53.02 1.68 0.00	53.31 1.42 0.00	54.55 1.56 0.00
IP___TICONDEROGA 23804	33.42 2.94 0.00	27.16 2.35 0.00	30.03 2.46 0.00	27.60 2.36 0.00	28.32 2.46 0.00	29.92 2.61 0.00	50.59 4.97 0.00	64.44 5.33 0.00	43.34 3.34 0.00	28.35 1.82 0.00	35.49 1.70 0.00	43.18 2.29 0.00	43.39 2.80 0.00	44.57 3.35 0.00	41.23 3.25 0.00	41.47 3.81 0.00	43.28 4.26 0.00	79.99 7.12 0.00	308.16 32.85 0.00	114.44 9.85 0.00	62.49 5.61 0.00	55.56 4.22 0.00	55.33 3.45 0.00	56.96 3.97 0.00
ISLIP_RES_REC 323679	32.17 1.69 0.00	26.02 1.22 0.00	28.89 1.32 0.00	26.49 1.24 0.00	26.88 1.03 0.00	25.14 0.96 3.13	40.37 1.98 7.23	51.70 2.61 10.02	35.46 1.48 6.03	26.10 1.18 1.60	35.70 1.91 0.00	6.00 1.92 36.81	-6.37 2.22 49.18	0.34 1.92 42.81	18.11 2.07 21.94	35.51 1.92 4.07	37.92 2.23 3.32	67.25 3.96 9.58	162.90 9.29 121.70	100.46 5.10 9.23	52.51 2.97 7.34	47.14 2.43 6.62	47.16 1.96 6.69	51.20 1.06 2.84

JAMAICA__27_KV_LOAD 355505	31.97 1.48 0.00	25.99 1.18 0.00	28.79 1.22 0.00	26.40 1.15 0.00	26.95 1.09 0.00	28.49 1.19 0.00	47.80 2.18 0.00	61.93 2.82 0.00	41.88 1.88 0.00	27.78 1.25 0.00	35.75 1.96 0.00	43.42 2.53 0.00	43.23 2.64 0.00	43.77 2.55 0.00	40.45 2.47 0.00	39.98 2.33 0.00	41.41 2.39 0.00	76.78 3.91 0.01	289.33 14.03 0.00	109.87 5.28 0.00	59.60 2.73 0.00	53.83 2.50 0.00	54.70 2.82 0.00	55.27 2.29 0.00
JANIS__SOLAR 323808	31.06 0.58 0.00	25.16 0.35 0.00	28.01 0.44 0.00	25.66 0.41 0.00	26.35 0.49 0.00	27.98 0.67 0.00	47.21 1.59 0.00	61.30 2.19 0.00	41.21 1.21 0.00	27.04 0.51 0.00	34.32 0.52 0.00	41.94 1.05 0.00	41.47 0.88 0.00	42.39 1.16 0.00	38.98 1.00 0.00	38.71 1.05 0.00	40.53 1.22 -0.30	77.24 2.77 -1.60	287.20 11.89 0.00	109.06 4.47 0.00	61.15 1.97 -2.30	53.01 1.68 0.00	53.46 1.57 0.00	54.62 1.64 0.00
JARVIS____ 23743	30.59 0.10 0.00	24.89 0.08 0.00	27.68 0.11 0.00	25.37 0.12 0.00	25.97 0.12 0.00	27.41 0.10 0.00	45.92 0.30 0.00	59.40 0.30 0.00	40.13 0.13 0.00	26.58 0.06 0.00	33.88 0.09 0.00	40.94 0.05 0.00	40.65 0.06 0.00	41.30 0.08 0.00	38.10 0.11 0.00	37.82 0.16 0.00	39.29 0.27 0.00	73.45 0.58 0.00	277.18 1.87 0.00	105.14 0.56 0.00	57.02 0.14 0.00	51.44 0.11 0.00	51.96 0.07 0.00	53.04 0.05 0.00
JENNISON____1 23625	30.74 0.26 0.00	24.84 0.03 0.00	27.70 0.13 0.00	25.48 0.23 0.00	26.16 0.31 0.00	27.74 0.43 0.00	46.98 1.36 0.00	61.11 2.01 0.00	41.05 1.04 0.00	26.97 0.45 0.00	34.28 0.50 0.00	41.76 0.87 0.00	41.25 0.66 0.00	41.98 0.76 0.00	38.80 0.82 0.00	38.57 0.91 0.00	40.09 1.08 0.00	75.75 2.55 -0.33	285.74 10.43 0.00	108.48 3.89 0.00	58.99 1.64 -0.48	52.79 1.46 0.00	53.14 1.26 0.00	54.54 1.55 0.00
JENNISON____2 23626	30.74 0.26 0.00	24.84 0.03 0.00	27.70 0.13 0.00	25.48 0.23 0.00	26.16 0.31 0.00	27.74 0.43 0.00	46.98 1.36 0.00	61.11 2.01 0.00	41.05 1.04 0.00	26.97 0.45 0.00	34.28 0.50 0.00	41.76 0.87 0.00	41.25 0.66 0.00	41.98 0.76 0.00	38.80 0.82 0.00	38.57 0.91 0.00	40.09 1.08 0.00	75.75 2.55 -0.33	285.74 10.43 0.00	108.48 3.89 0.00	58.99 1.64 -0.48	52.79 1.46 0.00	53.14 1.26 0.00	54.54 1.55 0.00
JERICOHO_RISE_WT_PWR 323719	30.86 0.38 0.00	25.08 0.27 0.00	27.72 0.15 0.00	25.34 0.09 0.00	26.04 0.19 0.00	27.51 0.20 0.00	45.45 -0.17 0.00	59.31 0.20 0.00	40.20 0.19 0.00	26.75 0.23 0.00	33.90 0.10 0.00	40.91 0.02 0.00	40.82 0.23 0.00	41.53 0.31 0.00	38.27 0.29 0.00	38.08 0.42 0.00	39.01 0.00 0.00	72.43 -0.45 0.00	276.18 0.87 0.00	105.95 1.37 0.00	57.64 0.76 0.00	51.98 0.64 0.00	52.75 0.86 0.00	54.01 1.02 0.00
KATONAH__115KV_46KV_TB4 355592	31.91 1.43 0.00	25.90 1.09 0.00	28.70 1.13 0.00	26.31 1.06 0.00	26.87 1.01 0.00	28.41 1.10 0.00	47.87 2.25 0.00	61.93 2.83 0.00	41.86 1.86 0.00	27.80 1.28 0.00	35.60 1.81 0.00	43.17 2.29 0.00	42.98 2.39 0.00	43.56 2.34 0.00	40.23 2.24 0.00	39.83 2.18 0.00	41.33 2.31 0.00	76.85 3.98 0.00	289.49 14.18 0.00	109.76 5.17 0.00	59.60 2.73 0.00	53.69 2.35 0.00	54.31 2.42 0.00	55.01 2.02 0.00
KCE_NY_1 323755	31.73 1.25 0.00	25.80 0.99 0.00	28.69 1.12 0.00	26.30 1.05 0.00	26.90 1.05 0.00	28.43 1.13 0.00	47.75 2.13 0.00	61.48 2.37 0.00	41.50 1.50 0.00	27.34 0.81 0.00	34.72 0.93 0.00	41.87 0.98 0.00	41.76 1.18 0.00	42.48 1.25 0.00	39.15 1.17 0.00	38.99 1.33 0.00	40.71 1.70 0.00	76.16 3.29 0.00	288.06 12.75 0.00	108.54 3.95 0.00	59.10 2.23 0.00	53.24 1.91 0.00	53.64 1.75 0.00	54.81 1.82 0.00
KCE_NY_6_ESR 323823	28.82 -1.66 0.00	23.29 -1.52 0.00	25.79 -1.78 0.00	23.39 -1.87 0.00	24.29 -1.56 0.00	26.17 -1.14 0.00	43.48 -2.14 0.00	55.96 -3.14 0.00	38.36 -1.64 0.00	25.64 -0.89 0.00	33.09 -0.70 0.00	40.90 0.01 0.00	39.93 -0.66 0.00	40.53 -0.70 0.00	36.86 -1.12 0.00	35.97 -1.69 0.00	34.81 -2.72 1.49	67.34 -4.87 0.66	259.89 -15.42 0.00	99.31 -5.28 0.00	52.36 -3.56 0.95	48.38 -2.96 0.00	49.68 -2.21 0.00	51.59 -1.40 0.00
KEDC_PORT_JEFF_GT2 24210	32.03 1.55 0.00	25.91 1.10 0.00	28.77 1.20 0.00	26.37 1.12 0.00	26.76 0.91 0.00	25.06 0.82 3.07	40.26 1.74 7.09	51.53 2.25 9.83	35.23 1.14 5.91	25.92 0.96 1.57	35.52 1.73 0.00	-3.39 1.71 45.99	-18.85 2.01 61.45	-10.56 1.70 53.49	12.46 1.91 27.43	34.32 1.75 5.10	37.80 2.05 3.26	66.94 3.46 9.40	159.73 6.94 122.53	99.81 4.24 9.02	52.32 2.65 7.20	47.01 2.17 6.49	47.04 1.72 6.56	51.03 0.83 2.78
KEDC_PORT_JEFF_GT3 24211	32.03 1.55 0.00	25.91 1.10 0.00	28.77 1.20 0.00	26.37 1.12 0.00	26.76 0.91 0.00	25.06 0.82 3.07	40.26 1.74 7.09	51.53 2.25 9.83	35.23 1.14 5.91	25.92 0.96 1.57	35.52 1.73 0.00	-3.39 1.71 45.99	-18.85 2.01 61.45	-10.56 1.70 53.49	12.46 1.91 27.43	34.32 1.75 5.10	37.80 2.05 3.26	66.94 3.46 9.40	159.73 6.94 122.53	99.81 4.24 9.02	52.32 2.65 7.20	47.01 2.17 6.49	47.04 1.72 6.56	51.03 0.83 2.78
KEDC_GLWD_GT4 24219	32.07 1.59 0.00	26.00 1.19 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.92 1.07 0.00	28.43 1.12 0.00	47.92 2.30 0.00	62.03 2.92 0.00	41.87 1.87 0.00	29.20 1.36 -1.32	35.82 2.03 0.00	43.38 2.49 0.00	43.24 2.66 0.00	43.73 2.51 0.00	40.76 2.53 -0.25	40.23 2.39 -0.18	41.48 2.47 0.00	77.07 4.19 0.00	256.26 13.86 32.91	117.24 5.47 -7.19	59.83 2.95 0.00	53.86 2.52 0.00	54.40 2.51 0.00	54.94 1.95 0.00
KEDC_GLWD_GT5 24220	32.07 1.59 0.00	26.00 1.19 0.00	28.81 1.24 0.00	26.41 1.16 0.00	26.92 1.07 0.00	28.43 1.12 0.00	47.92 2.30 0.00	62.03 2.92 0.00	41.87 1.87 0.00	29.20 1.36 -1.32	35.82 2.03 0.00	43.38 2.49 0.00	43.24 2.66 0.00	43.73 2.51 0.00	40.76 2.53 -0.25	40.23 2.39 -0.18	41.48 2.47 0.00	77.07 4.19 0.00	256.26 13.86 32.91	117.24 5.47 -7.19	59.83 2.95 0.00	53.86 2.52 0.00	54.40 2.51 0.00	54.94 1.95 0.00
KENSICO____ 23655	31.89 1.41 0.00	25.87 1.06 0.00	28.67 1.10 0.00	26.29 1.03 0.00	26.84 0.98 0.00	28.37 1.06 0.00	47.79 2.17 0.00	61.81 2.71 0.00	41.78 1.77 0.00	27.75 1.23 0.00	35.56 1.77 0.00	43.16 2.27 0.00	42.98 2.39 0.00	43.55 2.33 0.00	40.22 2.24 0.00	39.80 2.15 0.00	41.28 2.26 0.00	76.71 3.84 0.00	288.81 13.50 0.00	109.53 4.94 0.00	59.49 2.62 0.00	53.57 2.24 0.00	54.22 2.33 0.00	54.91 1.92 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.94 1.46 0.00	25.90 1.09 0.00	28.73 1.16 0.00	26.34 1.09 0.00	26.90 1.04 0.00	28.44 1.13 0.00	47.95 2.33 0.00	62.13 3.03 0.00	42.01 2.00 0.00	27.82 1.29 0.00	35.57 1.78 0.00	43.20 2.32 0.00	42.88 2.29 0.00	43.23 2.00 0.00	39.90 1.91 0.00	39.56 1.90 0.00	41.08 2.07 0.00	76.56 3.69 0.00	288.69 13.38 0.00	109.54 4.95 0.00	59.50 2.62 0.00	53.95 2.61 0.00	54.53 2.64 0.00	55.27 2.28 0.00

KIAC_JFK_GT1 23816	31.79 1.31 0.00	25.85 1.03 0.00	28.63 1.07 0.00	26.26 1.01 0.00	26.81 0.95 0.00	28.30 0.99 0.00	47.34 1.72 0.00	61.31 2.20 0.00	41.47 1.47 0.00	27.52 0.99 0.00	35.54 1.75 0.00	43.18 2.29 0.00	42.99 2.40 0.00	43.53 2.31 0.00	40.23 2.25 0.00	39.77 2.11 0.00	41.15 2.13 0.00	76.07 3.20 0.01	286.56 11.26 0.00	108.80 4.21 0.00	59.02 2.14 0.00	53.32 1.99 0.00	54.37 2.48 0.00	54.96 1.97 0.00
KIAC_JFK_GT2 23817	31.79 1.31 0.00	25.85 1.03 0.00	28.63 1.07 0.00	26.26 1.01 0.00	26.81 0.95 0.00	28.30 0.99 0.00	47.34 1.72 0.00	61.31 2.20 0.00	41.47 1.47 0.00	27.52 0.99 0.00	35.54 1.75 0.00	43.18 2.29 0.00	42.99 2.40 0.00	43.53 2.31 0.00	40.23 2.25 0.00	39.77 2.11 0.00	41.15 2.13 0.00	76.07 3.20 0.01	286.56 11.26 0.00	108.80 4.21 0.00	59.02 2.14 0.00	53.32 1.99 0.00	54.37 2.48 0.00	54.96 1.97 0.00
KIAC_JFK____ 323774	31.79 1.31 0.00	25.84 1.03 0.00	28.63 1.07 0.00	26.26 1.01 0.00	26.81 0.95 0.00	28.30 0.99 0.00	47.34 1.72 0.00	61.31 2.20 0.00	41.47 1.47 0.00	27.52 0.99 0.00	35.54 1.75 0.00	43.18 2.29 0.00	43.00 2.41 0.00	43.54 2.32 0.00	40.23 2.24 0.00	39.76 2.11 0.00	41.14 2.13 0.00	76.06 3.20 0.01	286.57 11.26 0.00	108.78 4.19 0.00	59.02 2.15 0.00	53.33 1.99 0.00	54.37 2.48 0.00	54.95 1.96 0.00
KINTIGH__24_KV_GSU 356498	28.85 -1.63 0.00	23.35 -1.47 0.00	25.88 -1.69 0.00	23.52 -1.73 0.00	24.38 -1.48 0.00	26.20 -1.11 0.00	43.43 -2.19 0.00	55.88 -3.23 0.00	38.31 -1.70 0.00	25.57 -0.96 0.00	32.93 -0.86 0.00	40.62 -0.27 0.00	39.74 -0.85 0.00	40.32 -0.91 0.00	36.72 -1.26 0.00	35.82 -1.83 0.00	35.29 -2.85 0.87	67.19 -5.18 0.51	258.70 -16.60 0.00	98.87 -5.72 0.00	52.45 -3.69 0.73	48.28 -3.05 0.00	49.42 -2.47 0.00	51.28 -1.70 0.00
KINTIGH____ 23543	28.82 -1.66 0.00	23.33 -1.48 0.00	25.87 -1.69 0.00	23.51 -1.74 0.00	24.37 -1.48 0.00	26.18 -1.13 0.00	43.41 -2.21 0.00	55.84 -3.26 0.00	38.28 -1.72 0.00	25.55 -0.98 0.00	32.90 -0.89 0.00	40.58 -0.31 0.00	39.76 -0.82 0.00	40.30 -0.93 0.00	36.71 -1.27 0.00	35.81 -1.85 0.00	35.26 -2.89 0.87	67.14 -5.22 0.51	258.54 -16.77 0.00	98.81 -5.78 0.00	52.42 -3.72 0.73	48.27 -3.06 0.00	49.39 -2.49 0.00	51.24 -1.75 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.18 0.69 0.00	25.32 0.50 0.00	27.94 0.37 0.00	25.57 0.32 0.00	26.32 0.46 0.00	27.85 0.54 0.00	45.62 0.00 0.00	59.45 0.35 0.00	40.33 0.33 0.00	26.82 0.30 0.00	33.95 0.15 0.00	40.89 0.01 0.00	40.91 0.32 0.00	41.77 0.55 0.00	38.59 0.61 0.00	38.59 0.93 0.00	39.25 0.24 0.00	72.44 -0.43 0.00	277.10 1.80 0.00	106.95 2.36 0.00	57.99 1.12 0.00	52.26 0.92 0.00	53.22 1.33 0.00	54.61 1.62 0.00
LACHUTE____HYDRO 323717	33.42 2.94 0.00	27.16 2.35 0.00	30.03 2.46 0.00	27.61 2.36 0.00	28.32 2.46 0.00	29.92 2.61 0.00	50.59 4.97 0.00	64.44 5.33 0.00	43.34 3.34 0.00	28.35 1.82 0.00	35.49 1.70 0.00	43.17 2.29 0.00	43.40 2.81 0.00	44.58 3.35 0.00	41.23 3.25 0.00	41.47 3.81 0.00	43.28 4.26 0.00	79.99 7.12 0.00	308.14 32.84 0.00	114.44 9.85 0.00	62.49 5.62 0.00	55.56 4.22 0.00	55.34 3.45 0.00	56.96 3.97 0.00
LAWRNCAY_115KV_TB1 80681	31.25 0.76 0.00	25.43 0.63 0.00	28.13 0.56 0.00	25.74 0.49 0.00	26.49 0.64 0.00	27.91 0.60 0.00	46.44 0.82 0.00	60.49 1.38 0.00	40.85 0.84 0.00	27.06 0.54 0.00	34.47 0.68 0.00	41.68 0.80 0.00	41.40 0.81 0.00	41.96 0.73 0.00	38.63 0.65 0.00	38.43 0.77 0.00	39.48 0.46 0.00	73.49 0.61 0.00	280.20 4.89 0.00	107.39 2.80 0.00	58.67 1.79 0.00	53.03 1.70 0.00	53.62 1.74 0.00	54.92 1.94 0.00
LEDERLE____ 23769	32.00 1.52 0.00	25.95 1.14 0.00	28.75 1.18 0.00	26.35 1.10 0.00	26.94 1.09 0.00	28.56 1.25 0.00	48.17 2.55 0.00	62.27 3.16 0.00	42.07 2.07 0.00	27.91 1.39 0.00	35.79 2.00 0.00	43.49 2.60 0.00	43.30 2.71 0.00	43.89 2.67 0.00	40.51 2.52 0.00	40.08 2.42 0.00	41.49 2.48 0.00	77.37 4.50 0.00	291.75 16.44 0.00	110.57 5.98 0.00	59.97 3.10 0.00	53.94 2.60 0.00	54.56 2.67 0.00	55.28 2.29 0.00
LIGHTHSE_115KV_TB6 355974	30.03 -0.45 0.00	24.42 -0.39 0.00	27.04 -0.52 0.00	24.78 -0.47 0.00	25.54 -0.32 0.00	26.85 -0.45 0.00	45.19 -0.43 0.00	58.75 -0.36 0.00	39.49 -0.52 0.00	26.04 -0.48 0.00	33.22 -0.58 0.00	40.37 -0.52 0.00	39.86 -0.73 0.00	40.28 -0.94 0.00	37.17 -0.81 0.00	37.02 -0.64 0.00	38.36 -0.65 0.00	72.06 -0.82 0.00	273.25 -2.05 0.00	103.95 -0.64 0.00	56.30 -0.58 0.00	50.73 -0.61 0.00	51.31 -0.58 0.00	52.66 -0.33 0.00
LINDEN COGEN____ 23786	31.95 1.47 0.00	25.91 1.10 0.00	28.70 1.13 0.00	26.30 1.05 0.00	26.87 1.02 0.00	28.41 1.10 0.00	47.89 2.28 0.00	61.94 2.83 0.00	41.86 1.86 0.00	27.81 1.28 0.00	35.65 1.86 0.00	43.30 2.41 0.00	43.13 2.55 0.00	43.67 2.44 0.00	40.34 2.35 0.00	39.90 2.24 0.00	41.38 2.37 0.00	76.82 3.94 0.00	289.14 13.83 0.00	109.70 5.12 0.00	59.60 2.72 0.00	53.63 2.29 0.00	54.34 2.45 0.00	54.98 1.99 0.00
LINDHRST_69_KV_BK1 356055	32.28 1.79 0.00	26.15 1.34 0.00	28.99 1.42 0.00	26.55 1.30 0.00	26.99 1.14 0.00	27.70 1.12 0.73	46.28 2.36 1.70	59.85 3.10 2.35	40.48 1.89 1.42	28.25 1.40 -0.33	36.00 2.22 0.00	40.79 2.54 2.64	39.79 2.73 3.53	40.62 2.46 3.07	39.14 2.59 1.44	39.93 2.47 0.20	40.73 2.50 0.78	74.87 4.25 2.25	200.34 12.42 87.39	111.92 5.65 -1.68	58.31 3.16 1.72	52.49 2.71 1.55	52.89 2.57 1.57	54.15 1.83 0.67
LIPA_MISC_IPP 23656	31.96 1.48 0.00	25.84 1.03 0.00	28.71 1.14 0.00	26.33 1.08 0.00	26.71 0.86 0.00	24.27 0.78 3.82	38.39 1.59 8.82	48.96 2.08 12.22	33.78 1.13 7.35	25.36 0.97 2.13	35.40 1.61 0.00	-0.55 1.45 42.89	-14.96 1.76 57.31	-7.20 1.45 49.88	14.11 1.70 25.58	34.49 1.59 4.75	36.90 1.94 4.06	64.44 3.25 11.68	151.64 6.00 129.67	96.60 4.26 12.24	50.44 2.52 8.95	45.28 2.02 8.07	45.19 1.46 8.16	49.99 0.47 3.46
LISF____SOLAR 323691	32.02 1.54 0.00	25.88 1.07 0.00	28.76 1.19 0.00	26.37 1.12 0.00	26.76 0.90 0.00	24.45 0.82 3.69	38.76 1.66 8.51	49.50 2.20 11.80	34.11 1.20 7.10	25.50 1.01 2.03	35.43 1.64 0.00	-0.24 1.45 42.58	-14.51 1.79 56.89	-6.82 1.48 49.53	14.31 1.73 25.40	34.51 1.57 4.72	37.10 2.00 3.91	64.98 3.39 11.28	153.49 6.46 128.29	97.40 4.48 11.67	50.87 2.64 8.65	45.69 2.15 7.80	45.55 1.54 7.88	50.17 0.53 3.34
LITTLE FALLS____HYD 24013	31.91 1.43 0.00	25.96 1.15 0.00	28.90 1.33 0.00	26.47 1.22 0.00	27.10 1.24 0.00	28.72 1.41 0.00	48.27 2.65 0.00	62.32 3.21 0.00	41.76 1.75 0.00	27.24 0.71 0.00	34.64 0.85 0.00	41.75 0.86 0.00	41.46 0.87 0.00	42.25 1.02 0.00	39.10 1.11 0.00	38.91 1.25 0.00	41.10 2.08 0.00	77.40 4.53 0.00	292.28 16.97 0.00	110.26 5.67 0.00	59.82 2.95 0.00	54.21 2.88 0.00	54.55 2.67 0.00	55.59 2.60 0.00

LITTLRIV_115KV_TB1 356100	31.61 1.13 0.00	25.73 0.92 0.00	28.44 0.87 0.00	26.04 0.78 0.00	26.81 0.95 0.00	28.24 0.93 0.00	47.08 1.46 0.00	61.37 2.26 0.00	41.38 1.38 0.00	27.40 0.87 0.00	34.83 1.04 0.00	42.08 1.19 0.00	41.78 1.19 0.00	42.34 1.12 0.00	38.95 0.97 0.00	38.72 1.06 0.00	39.81 0.80 0.00	74.23 1.36 0.00	284.33 9.02 0.00	109.03 4.44 0.00	59.54 2.67 0.00	53.77 2.43 0.00	54.32 2.43 0.00	55.63 2.64 0.00
LI_NEWBRDGE___DRP 323616	31.80 1.32 0.00	25.78 0.97 0.00	28.59 1.02 0.00	26.20 0.95 0.00	26.65 0.80 0.00	28.09 0.79 0.00	47.35 1.73 0.00	61.32 2.21 0.00	41.32 1.32 0.00	28.25 1.03 -0.70	35.50 1.71 0.00	42.90 2.01 0.00	42.79 2.21 0.00	43.19 1.96 0.00	40.09 2.11 -0.01	39.64 1.98 0.00	41.03 2.01 0.00	76.16 3.28 0.00	180.77 9.33 103.87	112.59 4.21 -3.80	59.21 2.33 0.00	53.30 1.96 0.00	53.73 1.84 0.00	54.15 1.16 0.00
LOCKPORT_115KV_TB60_63_64 80432	28.49 -1.99 0.00	23.04 -1.76 0.00	25.54 -2.03 0.00	23.16 -2.09 0.00	24.07 -1.78 0.00	25.97 -1.33 0.00	42.99 -2.63 0.00	55.19 -3.92 0.00	37.97 -2.03 0.00	25.39 -1.13 0.00	32.69 -1.10 0.00	40.44 -0.44 0.00	39.52 -1.07 0.00	40.03 -1.20 0.00	36.42 -1.56 0.00	35.40 -2.26 0.00	34.44 -3.46 1.11	66.02 -6.30 0.56	255.16 -20.15 0.00	97.78 -6.81 0.00	51.74 -4.32 0.81	47.74 -3.59 0.00	49.01 -2.88 0.00	50.96 -2.03 0.00
LOCKPORT___CC1 323769	28.48 -2.00 0.00	23.04 -1.77 0.00	25.52 -2.05 0.00	23.15 -2.10 0.00	24.05 -1.80 0.00	25.96 -1.35 0.00	42.95 -2.67 0.00	55.15 -3.96 0.00	37.94 -2.07 0.00	25.37 -1.15 0.00	32.67 -1.12 0.00	40.42 -0.47 0.00	39.44 -1.15 0.00	40.00 -1.22 0.00	36.40 -1.59 0.00	35.38 -2.28 0.00	34.34 -3.46 1.21	66.01 -6.29 0.57	255.08 -20.23 0.00	97.75 -6.84 0.00	51.68 -4.36 0.83	47.73 -3.61 0.00	49.00 -2.89 0.00	50.94 -2.04 0.00
LOCKPORT___CC2 323770	28.48 -2.00 0.00	23.04 -1.77 0.00	25.52 -2.05 0.00	23.15 -2.10 0.00	24.05 -1.80 0.00	25.96 -1.35 0.00	42.95 -2.67 0.00	55.15 -3.96 0.00	37.94 -2.07 0.00	25.37 -1.15 0.00	32.67 -1.12 0.00	40.42 -0.47 0.00	39.44 -1.15 0.00	40.00 -1.22 0.00	36.40 -1.59 0.00	35.38 -2.28 0.00	34.34 -3.46 1.21	66.01 -6.29 0.57	255.08 -20.23 0.00	97.75 -6.84 0.00	51.68 -4.36 0.83	47.73 -3.61 0.00	49.00 -2.89 0.00	50.94 -2.04 0.00
LOCKPORT___CC3 323771	28.48 -2.00 0.00	23.04 -1.77 0.00	25.52 -2.05 0.00	23.15 -2.10 0.00	24.05 -1.80 0.00	25.96 -1.35 0.00	42.95 -2.67 0.00	55.15 -3.96 0.00	37.94 -2.07 0.00	25.37 -1.15 0.00	32.67 -1.12 0.00	40.42 -0.47 0.00	39.44 -1.15 0.00	40.00 -1.22 0.00	36.40 -1.59 0.00	35.38 -2.28 0.00	34.34 -3.46 1.21	66.01 -6.29 0.57	255.08 -20.23 0.00	97.75 -6.84 0.00	51.68 -4.36 0.83	47.73 -3.61 0.00	49.00 -2.89 0.00	50.94 -2.04 0.00
LOCUSVLY_69_KV_BK2 55797	32.05 1.57 0.00	25.99 1.18 0.00	28.80 1.23 0.00	26.40 1.15 0.00	26.88 1.03 0.00	29.18 1.05 -0.83	49.73 2.19 -1.91	64.57 2.82 -2.65	43.37 1.77 -1.59	29.64 1.32 -1.79	35.81 2.02 0.00	43.32 2.43 0.00	43.18 2.60 0.00	43.63 2.40 0.00	40.68 2.50 -0.20	40.16 2.36 -0.14	42.30 2.40 -0.88	79.44 4.03 -2.54	245.85 12.81 42.27	119.85 5.35 -9.91	61.72 2.90 -1.95	55.55 2.46 -1.75	56.04 2.38 -1.77	55.50 1.76 -0.75
LONG_LAKE_PHOENIX 24014	29.79 -0.69 0.00	24.22 -0.59 0.00	26.91 -0.66 0.00	24.67 -0.58 0.00	25.28 -0.58 0.00	26.70 -0.61 0.00	44.65 -0.97 0.00	57.87 -1.24 0.00	39.15 -0.86 0.00	25.93 -0.60 0.00	33.08 -0.72 0.00	40.17 -0.72 0.00	39.79 -0.80 0.00	40.40 -0.83 0.00	37.15 -0.84 0.00	36.72 -0.95 0.00	38.06 -0.95 0.00	71.09 -1.78 0.00	268.48 -6.83 0.00	102.13 -2.46 0.00	55.41 -1.46 0.00	50.03 -1.31 0.00	50.53 -1.36 0.00	51.65 -1.34 0.00
LOVETT___3 23632	31.83 1.34 0.00	25.81 1.00 0.00	28.60 1.03 0.00	26.23 0.97 0.00	26.79 0.94 0.00	28.30 0.99 0.00	47.69 2.07 0.00	61.63 2.52 0.00	41.63 1.63 0.00	27.64 1.11 0.00	35.43 1.64 0.00	43.02 2.13 0.00	42.84 2.25 0.00	43.41 2.18 0.00	40.07 2.09 0.00	39.67 2.02 0.00	41.17 2.15 0.00	76.50 3.62 0.00	288.19 12.89 0.00	109.26 4.67 0.00	59.31 2.44 0.00	53.38 2.04 0.00	54.03 2.15 0.00	54.76 1.77 0.00
LOVETT___4 23642	31.83 1.34 0.00	25.81 1.00 0.00	28.60 1.03 0.00	26.23 0.97 0.00	26.79 0.94 0.00	28.30 0.99 0.00	47.69 2.07 0.00	61.63 2.52 0.00	41.63 1.63 0.00	27.64 1.11 0.00	35.43 1.64 0.00	43.02 2.13 0.00	42.84 2.25 0.00	43.41 2.18 0.00	40.07 2.09 0.00	39.67 2.02 0.00	41.17 2.15 0.00	76.50 3.62 0.00	288.19 12.89 0.00	109.26 4.67 0.00	59.31 2.44 0.00	53.38 2.04 0.00	54.03 2.15 0.00	54.76 1.77 0.00
LOVETT___5 23593	31.83 1.34 0.00	25.81 1.00 0.00	28.60 1.03 0.00	26.23 0.97 0.00	26.79 0.94 0.00	28.30 0.99 0.00	47.69 2.07 0.00	61.63 2.52 0.00	41.63 1.63 0.00	27.64 1.11 0.00	35.43 1.64 0.00	43.02 2.13 0.00	42.84 2.25 0.00	43.41 2.18 0.00	40.07 2.09 0.00	39.67 2.02 0.00	41.17 2.15 0.00	76.50 3.62 0.00	288.19 12.89 0.00	109.26 4.67 0.00	59.31 2.44 0.00	53.38 2.04 0.00	54.03 2.15 0.00	54.76 1.77 0.00
LOWER RAQUET___HYD 24057	31.30 0.81 0.00	25.47 0.66 0.00	28.16 0.59 0.00	25.76 0.51 0.00	26.53 0.68 0.00	27.94 0.63 0.00	46.50 0.88 0.00	60.58 1.48 0.00	40.87 0.87 0.00	27.06 0.53 0.00	34.49 0.70 0.00	41.70 0.81 0.00	41.42 0.83 0.00	41.96 0.74 0.00	38.65 0.67 0.00	38.48 0.82 0.00	39.47 0.46 0.00	73.42 0.54 0.00	280.35 5.04 0.00	107.50 2.91 0.00	58.80 1.92 0.00	53.18 1.85 0.00	53.75 1.87 0.00	55.08 2.10 0.00
LOWER___HUDSON 24059	31.39 0.91 0.00	25.53 0.72 0.00	28.40 0.84 0.00	26.03 0.78 0.00	26.59 0.73 0.00	28.10 0.80 0.00	47.00 1.38 0.00	60.54 1.43 0.00	40.96 0.96 0.00	27.09 0.57 0.00	34.32 0.53 0.00	41.13 0.24 0.00	40.98 0.39 0.00	41.73 0.51 0.00	38.53 0.55 0.00	38.34 0.69 0.00	40.11 1.09 0.00	75.01 2.14 0.00	283.36 8.05 0.00	106.75 2.16 0.00	58.23 1.36 0.00	52.53 1.19 0.00	52.97 1.08 0.00	54.15 1.16 0.00
LOWVILLE_115KV_TB2 356335	30.67 0.19 0.00	24.98 0.17 0.00	27.53 -0.04 0.00	25.26 0.00 0.00	26.22 0.36 0.00	27.28 -0.03 0.00	46.66 1.03 0.00	60.72 1.61 0.00	40.24 0.24 0.00	26.42 -0.11 0.00	33.74 -0.05 0.00	40.93 0.05 0.00	40.29 -0.29 0.00	40.63 -0.59 0.00	37.73 -0.25 0.00	38.13 0.48 0.00	39.56 0.55 0.00	74.75 1.87 0.00	284.79 9.48 0.00	108.42 3.83 0.00	58.63 1.76 0.00	52.34 1.01 0.00	52.77 0.88 0.00	54.50 1.51 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.73 1.25 0.00	25.80 0.99 0.00	28.70 1.13 0.00	26.31 1.06 0.00	26.90 1.05 0.00	28.43 1.12 0.00	47.69 2.07 0.00	61.44 2.33 0.00	41.47 1.46 0.00	27.34 0.81 0.00	34.71 0.92 0.00	41.86 0.97 0.00	41.73 1.14 0.00	42.45 1.23 0.00	39.15 1.17 0.00	38.96 1.30 0.00	40.67 1.66 0.00	76.06 3.19 0.00	287.81 12.50 0.00	108.47 3.88 0.00	59.06 2.19 0.00	53.23 1.89 0.00	53.63 1.75 0.00	54.78 1.79 0.00

LUTHERNY_35_KV_BK2 355980	31.73 1.24 0.00	25.80 0.99 0.00	28.69 1.12 0.00	26.30 1.05 0.00	26.90 1.05 0.00	28.43 1.13 0.00	47.75 2.13 0.00	61.48 2.38 0.00	41.50 1.50 0.00	27.34 0.81 0.00	34.72 0.93 0.00	41.86 0.97 0.00	41.75 1.17 0.00	42.48 1.25 0.00	39.15 1.16 0.00	38.99 1.33 0.00	40.71 1.69 0.00	76.16 3.29 0.00	288.05 12.74 0.00	108.54 3.95 0.00	59.10 2.23 0.00	53.24 1.90 0.00	53.64 1.75 0.00	54.81 1.82 0.00
LWR___OSWEGATCHIE_HYD 23850	30.93 0.45 0.00	25.17 0.36 0.00	27.78 0.21 0.00	25.45 0.20 0.00	26.32 0.47 0.00	27.55 0.24 0.00	46.47 0.84 0.00	60.40 1.29 0.00	40.37 0.36 0.00	26.62 0.09 0.00	33.94 0.15 0.00	41.14 0.26 0.00	40.76 0.17 0.00	41.18 -0.04 0.00	38.07 0.08 0.00	38.15 0.49 0.00	39.31 0.30 0.00	73.75 0.87 0.00	281.34 6.04 0.00	107.51 2.92 0.00	58.48 1.61 0.00	52.74 1.41 0.00	53.25 1.36 0.00	54.75 1.77 0.00
LYONS_FALL_HYD 23570	30.79 0.30 0.00	25.05 0.24 0.00	27.70 0.13 0.00	25.41 0.16 0.00	26.26 0.40 0.00	27.48 0.17 0.00	46.73 1.11 0.00	60.69 1.58 0.00	40.48 0.47 0.00	26.64 0.12 0.00	34.03 0.24 0.00	41.23 0.35 0.00	40.70 0.11 0.00	41.19 -0.03 0.00	38.14 0.15 0.00	38.29 0.63 0.00	39.76 0.75 0.00	74.86 1.99 0.00	284.26 8.95 0.00	108.04 3.45 0.00	58.46 1.59 0.00	52.35 1.01 0.00	52.80 0.91 0.00	54.28 1.29 0.00
MADISON___COUNTY_LFGE 323628	30.95 0.46 0.00	25.14 0.33 0.00	27.96 0.39 0.00	25.68 0.43 0.00	26.37 0.51 0.00	27.83 0.53 0.00	46.96 1.34 0.00	60.83 1.73 0.00	40.92 0.92 0.00	26.97 0.44 0.00	34.49 0.70 0.00	41.75 0.87 0.00	41.39 0.80 0.00	42.06 0.84 0.00	38.83 0.85 0.00	38.62 0.96 0.00	40.10 1.09 0.00	75.24 2.37 0.00	283.61 8.30 0.00	107.52 2.93 0.00	58.23 1.35 0.00	52.38 1.05 0.00	52.83 0.94 0.00	53.97 0.98 0.00
MALONE___115KV_TB1 356076	31.29 0.81 0.00	25.44 0.63 0.00	28.09 0.52 0.00	25.69 0.44 0.00	26.43 0.58 0.00	27.91 0.60 0.00	46.25 0.63 0.00	60.42 1.31 0.00	40.90 0.90 0.00	27.15 0.62 0.00	34.45 0.66 0.00	41.64 0.75 0.00	41.52 0.94 0.00	42.22 0.99 0.00	38.89 0.91 0.00	38.72 1.07 0.00	39.67 0.66 0.00	73.67 0.80 0.00	281.81 6.50 0.00	108.53 3.94 0.00	58.86 1.99 0.00	53.02 1.68 0.00	53.72 1.83 0.00	54.97 1.99 0.00
MAPLEWOD_115KV_TB3 80458	31.10 0.61 0.00	25.38 0.57 0.00	28.24 0.67 0.00	25.88 0.63 0.00	26.43 0.58 0.00	27.94 0.63 0.00	46.71 1.09 0.00	60.21 1.10 0.00	40.73 0.73 0.00	26.96 0.44 0.00	34.25 0.46 0.00	41.08 0.19 0.00	40.93 0.34 0.00	41.66 0.43 0.00	38.52 0.54 0.00	38.26 0.60 0.00	39.94 0.92 0.00	74.64 1.76 0.00	281.91 6.60 0.00	106.34 1.74 0.00	57.96 1.08 0.00	52.28 0.94 0.00	52.74 0.85 0.00	53.83 0.84 0.00
MAPLE_RIDGE_WT_1 323574	30.36 -0.12 0.00	24.70 -0.11 0.00	27.41 -0.15 0.00	25.16 -0.09 0.00	25.77 -0.08 0.00	27.19 -0.12 0.00	45.53 -0.09 0.00	58.89 -0.21 0.00	39.75 -0.26 0.00	26.39 -0.13 0.00	33.61 -0.19 0.00	40.70 -0.19 0.00	40.35 -0.24 0.00	41.03 -0.20 0.00	37.84 -0.14 0.00	37.66 0.01 0.00	39.03 0.01 0.00	72.91 0.04 0.00	275.40 0.09 0.00	104.83 0.24 0.00	56.93 0.05 0.00	51.32 -0.01 0.00	51.96 0.07 0.00	53.15 0.16 0.00
MAPLE_RIDGE_WT_2 323611	30.36 -0.12 0.00	24.70 -0.11 0.00	27.41 -0.15 0.00	25.16 -0.09 0.00	25.77 -0.08 0.00	27.19 -0.12 0.00	45.53 -0.09 0.00	58.89 -0.21 0.00	39.75 -0.26 0.00	26.39 -0.13 0.00	33.61 -0.19 0.00	40.70 -0.19 0.00	40.35 -0.24 0.00	41.03 -0.20 0.00	37.84 -0.14 0.00	37.66 0.01 0.00	39.03 0.01 0.00	72.91 0.04 0.00	275.40 0.09 0.00	104.83 0.24 0.00	56.93 0.05 0.00	51.32 -0.01 0.00	51.96 0.07 0.00	53.15 0.16 0.00
MARBLE_RIVER_WT_PWR 323696	30.93 0.45 0.00	25.11 0.30 0.00	27.64 0.07 0.00	25.32 0.07 0.00	26.06 0.20 0.00	27.58 0.27 0.00	44.81 -0.81 0.00	58.55 -0.56 0.00	39.76 -0.24 0.00	26.58 0.05 0.00	33.58 -0.22 0.00	40.27 -0.61 0.00	40.40 -0.18 0.00	41.43 0.20 0.00	38.30 0.32 0.00	38.33 0.67 0.00	38.83 -0.18 0.00	70.78 -2.09 0.00	270.82 -4.48 0.00	104.68 0.09 0.00	57.04 0.16 0.00	51.55 0.21 0.00	52.65 0.76 0.00	54.15 1.16 0.00
MARSHVLE_115KV_TB1 80742	30.91 0.43 0.00	25.06 0.25 0.00	27.78 0.21 0.00	25.47 0.22 0.00	26.15 0.30 0.00	27.69 0.38 0.00	46.64 1.02 0.00	60.56 1.45 0.00	40.62 0.61 0.00	26.63 0.10 0.00	33.96 0.17 0.00	41.45 0.56 0.00	41.12 0.53 0.00	41.74 0.51 0.00	38.37 0.39 0.00	37.92 0.26 0.00	39.67 0.66 0.00	74.33 1.46 0.00	281.80 6.49 0.00	107.11 2.52 0.00	58.10 1.23 0.00	52.33 0.99 0.00	52.92 1.03 0.00	53.97 0.98 0.00
MARSH_HILL_WT_PWR 323713	27.79 -2.69 0.00	22.49 -2.32 0.00	25.12 -2.44 0.00	22.82 -2.43 0.00	23.42 -2.43 0.00	25.06 -2.24 0.00	42.15 -3.47 0.00	54.52 -4.59 0.00	37.24 -2.76 0.00	24.87 -1.66 0.00	32.00 -1.79 0.00	39.14 -1.75 0.00	38.47 -2.12 0.00	39.39 -1.84 0.00	36.35 -1.64 0.00	35.79 -1.87 0.00	41.43 -2.68 -5.09	66.48 -4.64 1.75	260.23 -15.08 0.00	99.19 -5.39 0.00	51.04 -3.31 2.52	48.33 -3.01 0.00	49.04 -2.85 0.00	50.80 -2.19 0.00
MCINTYRE_115KV_TB2 80467	31.75 1.27 0.00	25.85 1.04 0.00	28.59 1.02 0.00	26.16 0.91 0.00	26.92 1.06 0.00	28.39 1.08 0.00	47.34 1.72 0.00	61.70 2.59 0.00	41.64 1.64 0.00	27.57 1.05 0.00	34.99 1.20 0.00	42.26 1.37 0.00	41.93 1.35 0.00	42.54 1.31 0.00	39.06 1.08 0.00	38.77 1.11 0.00	39.94 0.93 0.00	74.67 1.79 0.00	286.29 10.98 0.00	109.73 5.14 0.00	59.84 2.96 0.00	53.97 2.63 0.00	54.52 2.64 0.00	55.80 2.81 0.00
MECO_____69_KV_BK1 80468	31.57 1.09 0.00	25.62 0.81 0.00	28.43 0.86 0.00	26.05 0.80 0.00	26.73 0.88 0.00	28.33 1.03 0.00	47.75 2.13 0.00	61.95 2.84 0.00	41.50 1.49 0.00	27.21 0.69 0.00	34.68 0.89 0.00	42.16 1.27 0.00	41.87 1.29 0.00	42.26 1.03 0.00	39.11 1.13 0.00	38.85 1.19 0.00	40.66 1.64 0.00	76.16 3.28 0.00	289.28 13.97 0.00	109.73 5.14 0.00	59.53 2.66 0.00	53.55 2.21 0.00	54.05 2.17 0.00	55.06 2.08 0.00
MENANDS___115KV_TB5 355628	30.96 0.48 0.00	25.29 0.47 0.00	28.14 0.57 0.00	25.79 0.54 0.00	26.33 0.48 0.00	27.83 0.52 0.00	46.48 0.86 0.00	59.90 0.79 0.00	40.53 0.53 0.00	26.85 0.33 0.00	34.10 0.31 0.00	40.86 -0.03 0.00	40.72 0.13 0.00	41.43 0.20 0.00	38.33 0.35 0.00	38.08 0.42 0.00	39.74 0.73 0.00	74.26 1.39 0.00	280.25 4.95 0.00	105.70 1.11 0.00	57.64 0.77 0.00	52.02 0.68 0.00	52.47 0.58 0.00	53.57 0.58 0.00
MG INDUSTRY___DRP 24185	30.88 0.40 0.00	25.25 0.44 0.00	28.13 0.56 0.00	25.79 0.54 0.00	26.35 0.50 0.00	27.83 0.52 0.00	46.49 0.87 0.00	59.97 0.86 0.00	40.46 0.45 0.00	26.69 0.16 0.00	33.92 0.13 0.00	40.80 -0.09 0.00	40.62 0.04 0.00	41.41 0.19 0.00	38.34 0.36 0.00	38.07 0.41 0.00	39.65 0.64 0.00	74.12 1.24 0.00	279.66 4.35 0.00	105.73 1.14 0.00	57.61 0.74 0.00	52.02 0.69 0.00	52.53 0.64 0.00	53.60 0.62 0.00

MID___OSWEGATCHIE_HYD 23849	30.93 0.45 0.00	25.17 0.36 0.00	27.78 0.21 0.00	25.45 0.20 0.00	26.32 0.47 0.00	27.55 0.24 0.00	46.47 0.84 0.00	60.40 1.29 0.00	40.37 0.36 0.00	26.62 0.09 0.00	33.94 0.15 0.00	41.14 0.26 0.00	40.76 0.17 0.00	41.18 -0.04 0.00	38.07 0.08 0.00	38.15 0.49 0.00	39.31 0.30 0.00	73.75 0.87 0.00	281.34 6.04 0.00	107.51 2.92 0.00	58.48 1.61 0.00	52.74 1.41 0.00	53.25 1.36 0.00	54.75 1.77 0.00
MID___RAQUETTE_HYD 23851	31.30 0.82 0.00	25.47 0.66 0.00	28.16 0.59 0.00	25.76 0.51 0.00	26.53 0.68 0.00	27.94 0.63 0.00	46.50 0.88 0.00	60.59 1.48 0.00	40.87 0.87 0.00	27.06 0.53 0.00	34.49 0.70 0.00	41.70 0.81 0.00	41.42 0.83 0.00	41.97 0.74 0.00	38.65 0.67 0.00	38.48 0.82 0.00	39.47 0.45 0.00	73.42 0.54 0.00	280.35 5.04 0.00	107.50 2.91 0.00	58.80 1.92 0.00	53.18 1.85 0.00	53.75 1.87 0.00	55.08 2.10 0.00
MILLIKEN___1 23584	30.69 0.20 0.00	24.91 0.10 0.00	27.73 0.16 0.00	25.35 0.10 0.00	26.04 0.18 0.00	27.60 0.30 0.00	46.31 0.69 0.00	59.92 0.82 0.00	40.53 0.52 0.00	26.78 0.26 0.00	34.16 0.37 0.00	41.58 0.69 0.00	41.18 0.59 0.00	41.89 0.67 0.00	38.58 0.59 0.00	38.16 0.50 0.00	39.80 0.45 -0.34	75.77 0.98 -1.92	279.49 4.18 0.00	106.23 1.65 0.00	60.17 0.53 -2.77	51.85 0.51 0.00	52.39 0.50 0.00	53.46 0.48 0.00
MILLIKEN___2 23585	30.69 0.20 0.00	24.91 0.10 0.00	27.73 0.16 0.00	25.35 0.10 0.00	26.04 0.18 0.00	27.60 0.30 0.00	46.31 0.69 0.00	59.92 0.82 0.00	40.53 0.52 0.00	26.78 0.26 0.00	34.16 0.37 0.00	41.58 0.69 0.00	41.18 0.59 0.00	41.89 0.67 0.00	38.58 0.59 0.00	38.16 0.50 0.00	39.80 0.45 -0.34	75.77 0.98 -1.92	279.49 4.18 0.00	106.23 1.65 0.00	60.17 0.53 -2.77	51.85 0.51 0.00	52.39 0.50 0.00	53.46 0.48 0.00
MILLIKEN___DIESEL 23629	30.69 0.20 0.00	24.91 0.10 0.00	27.73 0.16 0.00	25.35 0.10 0.00	26.04 0.18 0.00	27.60 0.30 0.00	46.31 0.69 0.00	59.92 0.82 0.00	40.53 0.52 0.00	26.78 0.26 0.00	34.16 0.37 0.00	41.58 0.69 0.00	41.18 0.59 0.00	41.89 0.67 0.00	38.58 0.59 0.00	38.16 0.50 0.00	39.80 0.45 -0.34	75.77 0.98 -1.92	279.49 4.18 0.00	106.23 1.65 0.00	60.17 0.53 -2.77	51.85 0.51 0.00	52.39 0.50 0.00	53.46 0.48 0.00
MILLSEAT___LFGE 323607	29.18 -1.30 0.00	23.61 -1.20 0.00	26.16 -1.41 0.00	23.76 -1.49 0.00	24.66 -1.19 0.00	26.57 -0.73 0.00	44.16 -1.46 0.00	56.92 -2.18 0.00	39.06 -0.94 0.00	26.06 -0.47 0.00	33.49 -0.30 0.00	41.33 0.45 0.00	40.40 -0.19 0.00	40.88 -0.35 0.00	37.19 -0.79 0.00	35.98 -1.67 0.00	35.34 -2.76 0.92	67.47 -4.88 0.52	260.75 -14.55 0.00	101.01 -3.58 0.00	53.51 -2.60 0.76	49.19 -2.14 0.00	50.28 -1.61 0.00	52.09 -0.90 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.86 1.37 0.00	25.84 1.03 0.00	28.64 1.07 0.00	26.25 1.00 0.00	26.81 0.96 0.00	28.34 1.03 0.00	47.74 2.12 0.00	61.73 2.62 0.00	41.72 1.71 0.00	27.70 1.18 0.00	35.50 1.71 0.00	43.09 2.20 0.00	42.91 2.32 0.00	43.48 2.25 0.00	40.15 2.16 0.00	39.74 2.08 0.00	41.22 2.20 0.00	76.63 3.75 0.00	288.51 13.20 0.00	109.41 4.82 0.00	59.42 2.54 0.00	53.49 2.16 0.00	54.14 2.25 0.00	54.83 1.85 0.00
MILLWOOD_13_KV_LOAD 356217	31.92 1.44 0.00	25.89 1.08 0.00	28.69 1.12 0.00	26.30 1.05 0.00	26.86 1.01 0.00	28.39 1.08 0.00	47.85 2.22 0.00	61.88 2.77 0.00	41.82 1.82 0.00	27.77 1.25 0.00	35.58 1.78 0.00	43.18 2.29 0.00	42.99 2.40 0.00	43.59 2.36 0.00	40.23 2.25 0.00	39.83 2.17 0.00	41.31 2.30 0.00	76.83 3.96 0.00	289.29 13.99 0.00	109.68 5.09 0.00	59.56 2.68 0.00	53.63 2.29 0.00	54.26 2.37 0.00	54.96 1.97 0.00
MODEL_CITY_ENERGY 24167	28.20 -2.29 0.00	22.81 -2.00 0.00	25.28 -2.29 0.00	22.93 -2.32 0.00	23.84 -2.01 0.00	25.72 -1.59 0.00	42.53 -3.09 0.00	54.52 -4.58 0.00	37.53 -2.48 0.00	25.13 -1.40 0.00	32.34 -1.45 0.00	40.04 -0.85 0.00	39.04 -1.54 0.00	39.61 -1.61 0.00	36.04 -1.95 0.00	35.04 -2.62 0.00	34.00 -3.85 1.16	65.21 -7.08 0.58	252.05 -23.26 0.00	96.56 -8.03 0.00	51.07 -4.97 0.84	47.17 -4.16 0.00	48.49 -3.40 0.00	50.43 -2.55 0.00
MODERN_LFGE___ 323580	28.20 -2.29 0.00	22.81 -2.00 0.00	25.28 -2.29 0.00	22.93 -2.32 0.00	23.84 -2.01 0.00	25.72 -1.59 0.00	42.53 -3.09 0.00	54.52 -4.58 0.00	37.53 -2.48 0.00	25.13 -1.40 0.00	32.34 -1.45 0.00	40.04 -0.85 0.00	39.04 -1.54 0.00	39.61 -1.61 0.00	36.04 -1.95 0.00	35.04 -2.62 0.00	34.00 -3.85 1.16	65.21 -7.08 0.58	252.05 -23.26 0.00	96.56 -8.03 0.00	51.07 -4.97 0.84	47.17 -4.16 0.00	48.49 -3.40 0.00	50.43 -2.55 0.00
MOHAWK_PAPER___DRP 24187	31.10 0.61 0.00	25.38 0.57 0.00	28.24 0.67 0.00	25.88 0.63 0.00	26.43 0.58 0.00	27.94 0.63 0.00	46.71 1.09 0.00	60.21 1.10 0.00	40.73 0.73 0.00	26.96 0.44 0.00	34.25 0.46 0.00	41.08 0.19 0.00	40.93 0.34 0.00	41.66 0.43 0.00	38.52 0.54 0.00	38.26 0.60 0.00	39.94 0.92 0.00	74.64 1.76 0.00	281.91 6.60 0.00	106.34 1.74 0.00	57.96 1.08 0.00	52.28 0.94 0.00	52.74 0.85 0.00	53.83 0.84 0.00
MOHICAN___35_KV_115KV_LD 80490	31.97 1.48 0.00	25.98 1.17 0.00	28.86 1.29 0.00	26.48 1.22 0.00	27.09 1.24 0.00	28.62 1.31 0.00	48.08 2.46 0.00	61.81 2.70 0.00	41.63 1.62 0.00	27.38 0.86 0.00	34.65 0.86 0.00	41.95 1.07 0.00	41.92 1.33 0.00	42.69 1.47 0.00	39.35 1.37 0.00	39.27 1.61 0.00	41.01 2.00 0.00	76.56 3.69 0.00	290.72 15.41 0.00	109.21 4.62 0.00	59.48 2.61 0.00	53.46 2.12 0.00	53.71 1.82 0.00	54.97 1.98 0.00
MONGAUP___HYD 23641	31.95 1.47 0.00	25.93 1.12 0.00	28.76 1.19 0.00	26.43 1.18 0.00	26.95 1.09 0.00	28.50 1.19 0.00	48.04 2.42 0.00	62.12 3.01 0.00	41.95 1.95 0.00	27.65 1.13 0.00	35.28 1.49 0.00	42.97 2.08 0.00	42.68 2.09 0.00	43.27 2.05 0.00	40.03 2.05 0.00	39.73 2.07 0.00	41.21 2.19 0.00	76.93 4.05 0.00	290.57 15.26 0.00	110.30 5.71 0.00	59.87 2.99 0.00	53.93 2.60 0.00	54.52 2.63 0.00	55.28 2.29 0.00
MONTAUK___DIESEL 23721	31.58 1.09 0.00	25.48 0.67 0.00	28.29 0.72 0.00	26.18 0.93 0.00	26.23 0.37 0.00	23.76 0.20 3.76	37.38 0.44 8.68	48.17 1.10 12.03	33.26 0.49 7.23	24.94 0.50 2.09	34.82 1.03 0.00	-1.62 0.31 42.82	-16.14 0.48 57.21	-8.40 0.18 49.80	13.12 0.68 25.54	33.92 1.00 4.75	36.63 1.60 3.99	63.74 2.37 11.50	149.93 3.68 129.06	96.81 4.20 11.98	50.78 2.72 8.82	45.49 2.11 7.95	45.08 1.22 8.03	50.13 0.55 3.41
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.16 -1.32 0.00	23.14 -1.67 0.00	25.21 -2.36 0.00	23.09 -2.16 0.00	24.42 -1.43 0.00	26.06 -1.24 0.00	43.65 -1.97 0.00	56.52 -2.58 0.00	38.48 -1.53 0.00	25.50 -1.02 0.00	32.97 -0.82 0.00	40.71 -0.18 0.00	40.02 -0.56 0.00	40.56 -0.67 0.00	37.03 -0.96 0.00	36.22 -1.44 0.00	35.43 -2.32 1.26	68.49 -3.70 0.68	264.12 -11.19 0.00	100.23 -4.35 0.00	52.83 -3.06 0.98	49.05 -2.29 0.00	50.66 -1.23 0.00	52.62 -0.38 0.00

MORRIS_RIDGE___SOLAR 323848	28.60 -1.89 0.00	23.13 -1.68 0.00	25.74 -1.83 0.00	23.35 -1.90 0.00	24.07 -1.78 0.00	25.83 -1.48 0.00	43.16 -2.46 0.00	55.65 -3.46 0.00	38.01 -2.00 0.00	25.35 -1.18 0.00	32.61 -1.18 0.00	40.03 -0.86 0.00	39.15 -1.43 0.00	39.84 -1.39 0.00	36.47 -1.51 0.00	35.82 -1.83 0.00	30.34 -2.50 6.17	67.70 -4.10 1.08	262.09 -13.22 0.00	99.74 -4.85 0.00	52.10 -3.22 1.56	48.61 -2.72 0.00	49.68 -2.21 0.00	51.40 -1.58 0.00
MORTIMER_115KV_TB3 55949	29.70 -0.79 0.00	24.08 -0.73 0.00	26.72 -0.85 0.00	24.37 -0.88 0.00	25.13 -0.73 0.00	26.82 -0.49 0.00	44.77 -0.85 0.00	57.93 -1.18 0.00	39.49 -0.52 0.00	26.25 -0.28 0.00	33.65 -0.14 0.00	41.17 0.28 0.00	40.54 -0.04 0.00	41.09 -0.13 0.00	37.64 -0.34 0.00	36.97 -0.69 0.00	37.78 -1.24 0.00	70.36 -2.15 0.37	269.03 -6.28 0.00	102.63 -1.96 0.00	54.87 -1.48 0.53	50.10 -1.24 0.00	50.81 -1.08 0.00	52.22 -0.77 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.03 1.54 0.00	25.98 1.17 0.00	28.78 1.21 0.00	26.38 1.13 0.00	26.94 1.08 0.00	28.48 1.17 0.00	47.97 2.35 0.00	62.08 2.97 0.00	41.96 1.96 0.00	27.88 1.36 0.00	35.73 1.94 0.00	43.38 2.49 0.00	43.20 2.61 0.00	43.76 2.53 0.00	40.41 2.43 0.00	39.98 2.32 0.00	41.46 2.44 0.00	76.99 4.12 0.00	289.64 14.33 0.00	109.91 5.32 0.00	59.72 2.85 0.00	53.79 2.46 0.00	54.47 2.58 0.00	55.14 2.15 0.00
MUNSVILLE_WIND_PWR 323609	31.35 0.87 0.00	25.37 0.56 0.00	28.30 0.73 0.00	25.96 0.71 0.00	26.64 0.78 0.00	28.33 1.02 0.00	48.05 2.43 0.00	62.49 3.38 0.00	41.84 1.84 0.00	27.38 0.85 0.00	34.73 0.94 0.00	42.40 1.51 0.00	41.79 1.20 0.00	42.83 1.60 0.00	39.48 1.50 0.00	39.50 1.84 0.00	41.41 2.17 -0.23	78.63 4.79 -0.96	295.85 20.54 0.00	111.89 7.30 0.00	61.64 3.38 -1.39	54.18 2.85 0.00	54.54 2.65 0.00	55.75 2.76 0.00
N SALMON___HYD 24042	31.29 0.81 0.00	25.44 0.63 0.00	28.09 0.52 0.00	25.69 0.44 0.00	26.43 0.58 0.00	27.91 0.60 0.00	46.25 0.63 0.00	60.42 1.31 0.00	40.90 0.90 0.00	27.15 0.62 0.00	34.45 0.66 0.00	41.64 0.75 0.00	41.52 0.94 0.00	42.22 0.99 0.00	38.89 0.91 0.00	38.72 1.07 0.00	39.67 0.66 0.00	73.66 0.79 0.00	281.81 6.50 0.00	108.53 3.94 0.00	58.86 1.99 0.00	53.02 1.68 0.00	53.72 1.83 0.00	54.97 1.99 0.00
N.AKRON__115KV_KNAPP 355671	28.99 -1.49 0.00	23.45 -1.36 0.00	25.99 -1.58 0.00	23.59 -1.66 0.00	24.50 -1.35 0.00	26.42 -0.89 0.00	43.85 -1.77 0.00	56.41 -2.69 0.00	38.76 -1.24 0.00	25.89 -0.64 0.00	33.29 -0.50 0.00	41.12 0.23 0.00	40.21 -0.38 0.00	40.68 -0.55 0.00	37.02 -0.96 0.00	35.91 -1.75 0.00	35.13 -2.88 1.00	67.22 -5.11 0.54	259.54 -15.77 0.00	100.00 -4.58 0.00	52.96 -3.13 0.78	48.77 -2.57 0.00	49.91 -1.98 0.00	51.77 -1.22 0.00
N.E_GEN_SANDY PD 24062	31.33 0.85 0.00	27.75 0.75 -2.20	29.54 0.87 -1.10	28.93 0.82 -2.85	29.41 0.76 -2.80	33.88 0.81 -5.76	47.49 1.36 -0.51	59.81 1.30 0.59	43.09 0.93 -2.16	27.73 0.60 -0.60	34.71 0.47 -0.45	40.03 -0.09 0.77	40.63 0.06 0.02	41.40 0.17 0.00	38.26 0.28 0.00	37.25 0.46 0.88	40.52 0.99 -0.52	74.84 1.97 0.00	227.79 7.44 54.95	99.60 1.63 6.62	58.99 1.20 -0.91	52.39 1.06 0.00	52.78 0.97 0.08	55.33 1.09 -1.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.89 1.40 0.00	25.85 1.04 0.00	28.64 1.08 0.00	26.26 1.01 0.00	26.84 0.98 0.00	28.38 1.07 0.00	47.85 2.22 0.00	61.82 2.71 0.00	41.76 1.76 0.00	27.72 1.20 0.00	35.54 1.75 0.00	43.17 2.28 0.00	42.99 2.40 0.00	43.56 2.34 0.00	40.22 2.24 0.00	39.79 2.13 0.00	41.27 2.25 0.00	76.77 3.90 0.00	289.39 14.09 0.00	109.71 5.12 0.00	59.52 2.64 0.00	53.55 2.22 0.00	54.20 2.31 0.00	54.92 1.94 0.00
N.QUEENS_27_KV_LOAD 356247	31.96 1.48 0.00	25.92 1.12 0.01	28.71 1.15 0.01	26.31 1.06 0.01	26.86 1.01 0.01	28.38 1.08 0.01	47.91 2.29 0.00	62.06 2.96 0.00	41.94 1.94 0.00	27.91 1.39 0.00	35.92 2.13 0.00	43.58 2.70 0.00	43.37 2.78 0.00	43.93 2.70 0.00	40.58 2.60 0.00	40.10 2.44 0.00	41.56 2.55 0.00	77.10 4.23 0.00	289.93 14.63 0.00	109.93 5.34 0.00	59.69 2.83 0.01	53.88 2.55 0.00	54.52 2.64 0.00	55.10 2.12 0.01
N.TROY___115KV_TB1 355778	31.39 0.90 0.00	25.53 0.72 0.00	28.40 0.83 0.00	26.03 0.78 0.00	26.59 0.73 0.00	28.10 0.79 0.00	47.01 1.39 0.00	60.54 1.43 0.00	40.96 0.95 0.00	27.09 0.57 0.00	34.32 0.53 0.00	41.12 0.24 0.00	40.97 0.38 0.00	41.73 0.50 0.00	38.53 0.55 0.00	38.35 0.68 0.00	40.11 1.09 0.00	75.01 2.14 0.00	283.38 8.07 0.00	106.75 2.16 0.00	58.23 1.35 0.00	52.52 1.19 0.00	52.97 1.08 0.00	54.15 1.16 0.00
NARROWS_GT1_1 24228	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT1_2 24229	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT1_3 24230	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT1_4 24231	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT1_5 24232	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00

NARROWS_GT1_6 24233	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT1_7 24234	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT1_8 24235	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT2_1 24236	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT2_2 24237	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT2_3 24238	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT2_4 24239	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT2_5 24240	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT2_6 24241	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT2_7 24242	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NARROWS_GT2_8 24243	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.15 4.27 0.00	290.69 15.38 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.75 2.86 0.00	55.38 2.39 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.09 0.61 0.00	25.45 0.64 0.00	28.36 0.79 0.00	26.00 0.75 0.00	26.87 1.02 0.00	28.59 1.28 0.00	47.94 2.32 0.00	62.09 2.99 0.00	41.76 1.75 0.00	27.18 0.66 0.00	34.42 0.63 0.00	41.40 0.52 0.00	41.23 0.65 0.00	42.31 1.08 0.00	39.45 1.46 0.00	39.17 1.51 0.00	40.10 1.09 0.00	75.14 2.27 0.00	284.85 9.54 0.00	107.56 2.98 0.00	58.54 1.67 0.00	52.74 1.41 0.00	53.12 1.23 0.00	54.15 1.16 0.00
NCHELSEA_115KV_TR2 355582	31.93 1.45 0.00	25.93 1.12 0.00	28.75 1.18 0.00	26.36 1.11 0.00	26.92 1.07 0.00	28.47 1.16 0.00	47.93 2.31 0.00	62.01 2.91 0.00	41.94 1.94 0.00	27.81 1.29 0.00	35.56 1.77 0.00	43.15 2.26 0.00	42.94 2.35 0.00	43.54 2.32 0.00	40.21 2.23 0.00	39.84 2.18 0.00	41.34 2.33 0.00	76.95 4.08 0.00	290.04 14.73 0.00	109.94 5.35 0.00	59.71 2.84 0.00	53.81 2.48 0.00	54.40 2.52 0.00	55.13 2.14 0.00
NEG CAPITAL___MECHNVIL 23645	31.77 1.28 0.00	25.83 1.02 0.00	28.74 1.17 0.00	26.33 1.08 0.00	26.92 1.06 0.00	28.47 1.17 0.00	47.75 2.12 0.00	61.51 2.40 0.00	41.55 1.54 0.00	27.40 0.87 0.00	34.77 0.98 0.00	41.89 1.00 0.00	41.77 1.18 0.00	42.50 1.28 0.00	39.22 1.24 0.00	39.00 1.35 0.00	40.74 1.73 0.00	76.23 3.36 0.00	288.17 12.86 0.00	108.58 3.99 0.00	59.14 2.27 0.00	53.30 1.96 0.00	53.71 1.82 0.00	54.87 1.88 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.26 -1.23 0.00	23.73 -1.07 0.00	26.35 -1.22 0.00	24.06 -1.19 0.00	24.77 -1.08 0.00	26.40 -0.91 0.00	44.10 -1.53 0.00	57.07 -2.03 0.00	38.84 -1.16 0.00	25.77 -0.75 0.00	33.03 -0.76 0.00	40.35 -0.54 0.00	39.78 -0.80 0.00	40.36 -0.87 0.00	36.99 -0.99 0.00	36.45 -1.21 0.00	37.36 -1.65 0.00	69.68 -2.95 0.25	265.32 -9.99 0.00	101.13 -3.46 0.00	54.29 -2.23 0.36	49.38 -1.96 0.00	50.00 -1.89 0.00	51.28 -1.71 0.00

NEG CENTRAL___DRP 24199	30.00 -0.48 0.00	24.35 -0.46 0.00	27.09 -0.48 0.00	24.75 -0.50 0.00	25.43 -0.42 0.00	27.02 -0.29 0.00	45.27 -0.35 0.00	58.50 -0.61 0.00	39.71 -0.29 0.00	26.30 -0.22 0.00	33.62 -0.17 0.00	41.10 0.21 0.00	40.67 0.08 0.00	41.31 0.09 0.00	37.95 -0.03 0.00	37.53 -0.12 0.00	39.04 -0.40 -0.42	71.71 -0.76 0.40	272.60 -2.70 0.00	103.91 -0.68 0.00	55.61 -0.69 0.58	50.76 -0.58 0.00	51.40 -0.49 0.00	52.53 -0.46 0.00
NEG CENTRAL___INDECK 23768	30.05 -0.43 0.00	24.30 -0.51 0.00	27.01 -0.56 0.00	24.60 -0.65 0.00	25.38 -0.47 0.00	27.18 -0.12 0.00	45.62 0.00 0.00	59.15 0.04 0.00	40.34 0.33 0.00	26.71 0.18 0.00	34.08 0.28 0.00	41.81 0.92 0.00	40.88 0.30 0.00	41.68 0.46 0.00	38.10 0.11 0.00	37.60 -0.06 0.00	42.81 -0.48 -4.27	71.24 -0.65 0.98	276.99 1.68 0.00	105.62 1.03 0.00	55.50 0.03 1.41	51.35 0.02 0.00	52.06 0.17 0.00	53.60 0.61 0.00
NEG CENTRAL___SENECA 23627	29.98 -0.50 0.00	24.30 -0.51 0.00	27.05 -0.52 0.00	24.70 -0.55 0.00	25.39 -0.46 0.00	27.04 -0.27 0.00	45.28 -0.34 0.00	58.50 -0.60 0.00	39.78 -0.22 0.00	26.36 -0.17 0.00	33.70 -0.09 0.00	41.25 0.36 0.00	40.74 0.15 0.00	41.39 0.16 0.00	38.00 0.02 0.00	37.58 -0.08 0.00	39.22 -0.46 -0.67	71.18 -0.91 0.78	272.00 -3.31 0.00	103.87 -0.72 0.00	55.00 -0.76 1.12	50.68 -0.65 0.00	51.43 -0.46 0.00	52.59 -0.39 0.00
NEG CENTRAL___STATE_STREET 24147	30.27 -0.22 0.00	24.64 -0.17 0.00	27.43 -0.14 0.00	25.04 -0.22 0.00	25.75 -0.11 0.00	27.30 -0.01 0.00	45.73 0.11 0.00	58.95 -0.15 0.00	40.00 0.00 0.00	26.46 -0.06 0.00	33.71 -0.08 0.00	41.13 0.24 0.00	40.79 0.21 0.00	41.45 0.23 0.00	38.13 0.14 0.00	37.59 -0.07 0.00	39.00 -0.19 -0.18	73.06 -0.05 -0.24	275.23 -0.08 0.00	104.70 0.12 0.00	56.87 -0.35 -0.34	51.20 -0.14 0.00	51.76 -0.13 0.00	52.68 -0.30 0.00
NEG MILLWOOD___DRP 24198	32.01 1.53 0.00	25.98 1.17 0.00	28.80 1.23 0.00	26.41 1.16 0.00	26.97 1.12 0.00	28.52 1.22 0.00	48.06 2.44 0.00	62.22 3.12 0.00	42.10 2.09 0.00	27.92 1.40 0.00	35.73 1.94 0.00	43.33 2.44 0.00	43.14 2.55 0.00	43.73 2.50 0.00	40.39 2.40 0.00	40.01 2.35 0.00	41.49 2.48 0.00	77.21 4.34 0.00	290.93 15.63 0.00	110.33 5.74 0.00	59.92 3.05 0.00	53.97 2.63 0.00	54.56 2.67 0.00	55.26 2.27 0.00
NEG NORTH_FLCN_SEA 23793	31.03 0.54 0.00	25.19 0.39 0.00	27.80 0.23 0.00	25.45 0.20 0.00	26.21 0.35 0.00	27.71 0.40 0.00	45.17 -0.45 0.00	58.71 -0.40 0.00	39.81 -0.19 0.00	26.61 0.08 0.00	33.68 -0.11 0.00	40.48 -0.41 0.00	40.53 -0.06 0.00	41.45 0.22 0.00	38.29 0.31 0.00	38.43 0.77 0.00	39.01 0.00 0.00	71.57 -1.30 0.00	273.47 -1.84 0.00	105.46 0.87 0.00	57.30 0.42 0.00	51.71 0.37 0.00	52.84 0.95 0.00	54.30 1.31 0.00
NEG NORTH_KES_CHATEGAY 23792	30.92 0.44 0.00	25.14 0.33 0.00	27.76 0.19 0.00	25.38 0.13 0.00	26.09 0.23 0.00	27.58 0.27 0.00	45.57 -0.05 0.00	59.47 0.37 0.00	40.28 0.27 0.00	26.76 0.24 0.00	33.90 0.11 0.00	40.92 0.03 0.00	40.82 0.23 0.00	41.56 0.33 0.00	38.34 0.36 0.00	38.14 0.48 0.00	39.07 0.05 0.00	72.55 -0.32 0.00	277.00 1.69 0.00	106.33 1.74 0.00	57.79 0.91 0.00	52.10 0.76 0.00	52.89 1.00 0.00	54.16 1.18 0.00
NEG NORTH___ALICE_FALLS 23915	31.18 0.69 0.00	25.32 0.50 0.00	27.94 0.37 0.00	25.57 0.32 0.00	26.32 0.46 0.00	27.85 0.54 0.00	45.62 0.00 0.00	59.45 0.35 0.00	40.33 0.33 0.00	26.82 0.30 0.00	33.95 0.15 0.00	40.89 0.01 0.00	40.91 0.32 0.00	41.77 0.55 0.00	38.59 0.61 0.00	38.59 0.93 0.00	39.25 0.24 0.00	72.44 -0.43 0.00	277.10 1.80 0.00	106.95 2.36 0.00	57.99 1.12 0.00	52.26 0.92 0.00	53.22 1.33 0.00	54.61 1.62 0.00
NEG NORTH___LWR_SARANAC 23913	31.18 0.69 0.00	25.32 0.50 0.00	27.94 0.37 0.00	25.57 0.32 0.00	26.32 0.46 0.00	27.85 0.54 0.00	45.62 0.00 0.00	59.45 0.35 0.00	40.33 0.33 0.00	26.82 0.30 0.00	33.95 0.15 0.00	40.89 0.01 0.00	40.91 0.32 0.00	41.77 0.55 0.00	38.59 0.61 0.00	38.59 0.93 0.00	39.25 0.24 0.00	72.44 -0.43 0.00	277.10 1.80 0.00	106.95 2.36 0.00	57.99 1.12 0.00	52.26 0.92 0.00	53.22 1.33 0.00	54.61 1.62 0.00
NEG NORTH___PLATTSBURG 23628	31.18 0.69 0.00	25.31 0.50 0.00	27.94 0.37 0.00	25.57 0.32 0.00	26.32 0.46 0.00	27.85 0.54 0.00	45.62 0.00 0.00	59.45 0.35 0.00	40.33 0.33 0.00	26.83 0.30 0.00	33.95 0.15 0.00	40.89 0.01 0.00	40.91 0.32 0.00	41.77 0.55 0.00	38.59 0.61 0.00	38.59 0.93 0.00	39.25 0.24 0.00	72.44 -0.43 0.00	277.11 1.80 0.00	106.95 2.36 0.00	57.99 1.11 0.00	52.26 0.92 0.00	53.22 1.33 0.00	54.61 1.62 0.00
NEG WEST_LEA_LOCKPORT 23791	28.48 -2.00 0.00	23.04 -1.77 0.00	25.52 -2.04 0.00	23.15 -2.10 0.00	24.05 -1.80 0.00	25.96 -1.35 0.00	42.95 -2.67 0.00	55.16 -3.95 0.00	37.94 -2.07 0.00	25.37 -1.15 0.00	32.67 -1.12 0.00	40.42 -0.47 0.00	39.50 -1.09 0.00	40.01 -1.21 0.00	36.41 -1.58 0.00	35.39 -2.27 0.00	34.34 -3.46 1.21	66.01 -6.29 0.57	255.16 -20.15 0.00	97.74 -6.85 0.00	51.69 -4.35 0.83	47.73 -3.61 0.00	49.00 -2.89 0.00	50.95 -2.04 0.00
NEG WEST___LANCASTR 23811	28.82 -1.67 0.00	23.28 -1.53 0.00	25.83 -1.74 0.00	23.44 -1.81 0.00	24.30 -1.55 0.00	26.11 -1.20 0.00	43.41 -2.21 0.00	55.90 -3.20 0.00	38.25 -1.75 0.00	25.51 -1.02 0.00	32.96 -0.83 0.00	40.67 -0.22 0.00	39.80 -0.79 0.00	40.34 -0.89 0.00	36.72 -1.26 0.00	35.88 -1.78 0.00	34.95 -2.77 1.29	67.21 -4.97 0.69	259.25 -16.05 0.00	98.94 -5.65 0.00	52.19 -3.69 1.00	48.30 -3.04 0.00	49.47 -2.42 0.00	51.24 -1.75 0.00
NEG_PENN_ALLEGHNY 23528	30.45 -0.04 0.00	24.66 -0.15 0.00	27.47 -0.10 0.00	25.13 -0.12 0.00	25.77 -0.09 0.00	27.34 0.03 0.00	45.78 0.16 0.00	59.22 0.11 0.00	40.06 0.05 0.00	26.53 0.01 0.00	34.03 0.23 0.00	41.49 0.60 0.00	40.96 0.37 0.00	41.63 0.40 0.00	38.27 0.28 0.00	37.87 0.21 0.00	38.99 -0.02 0.00	72.57 0.00 0.31	275.30 0.00 0.00	104.76 0.17 0.00	56.17 -0.26 0.44	51.17 -0.17 0.00	51.88 -0.01 0.00	53.10 0.11 0.00
NEG___GEN_MONROE 24207	29.79 -0.69 0.00	24.15 -0.66 0.00	26.78 -0.79 0.00	24.41 -0.84 0.00	25.21 -0.65 0.00	26.96 -0.35 0.00	45.11 -0.51 0.00	58.24 -0.86 0.00	39.73 -0.27 0.00	26.42 -0.10 0.00	33.92 0.13 0.00	41.58 0.69 0.00	40.92 0.33 0.00	41.36 0.13 0.00	37.81 -0.17 0.00	37.03 -0.63 0.00	37.56 -1.28 0.17	70.32 -2.18 0.37	269.57 -5.73 0.00	103.14 -1.45 0.00	55.08 -1.25 0.54	50.32 -1.02 0.00	51.06 -0.83 0.00	52.54 -0.45 0.00
NEPA___ENERGY 23901	29.18 -1.30 0.00	23.41 -1.40 0.00	25.97 -1.60 0.00	23.61 -1.64 0.00	24.57 -1.29 0.00	26.36 -0.95 0.00	43.93 -1.69 0.00	56.48 -2.63 0.00	38.45 -1.55 0.00	25.55 -0.98 0.00	33.08 -0.71 0.00	40.97 0.08 0.00	40.09 -0.50 0.00	40.68 -0.55 0.00	37.05 -0.93 0.00	36.31 -1.35 0.00	35.56 -2.27 1.18	68.15 -4.03 0.69	262.40 -12.90 0.00	100.21 -4.38 0.00	52.63 -3.26 0.99	48.67 -2.67 0.00	50.00 -1.89 0.00	51.76 -1.23 0.00

NEVERSINK___HYD 23608	31.51 1.02 0.00	25.56 0.75 0.00	28.36 0.80 0.00	26.02 0.77 0.00	26.58 0.73 0.00	28.08 0.78 0.00	47.35 1.73 0.00	61.43 2.33 0.00	41.50 1.50 0.00	27.48 0.95 0.00	35.13 1.34 0.00	42.61 1.72 0.00	42.15 1.57 0.00	41.72 0.49 0.00	38.50 0.51 0.00	38.17 0.51 0.00	39.66 0.65 0.00	73.93 1.06 0.00	278.69 3.38 0.00	105.69 1.10 0.00	57.56 0.69 0.00	53.21 1.88 0.00	53.78 1.89 0.00	54.54 1.55 0.00
NEWKRMKL_115KV_TB1 55635	30.72 0.24 0.00	25.10 0.29 0.00	27.93 0.36 0.00	25.60 0.35 0.00	26.15 0.29 0.00	27.63 0.32 0.00	46.09 0.47 0.00	59.42 0.32 0.00	40.19 0.18 0.00	26.63 0.11 0.00	33.86 0.07 0.00	40.58 -0.31 0.00	40.47 -0.12 0.00	41.14 -0.09 0.00	38.14 0.16 0.00	37.86 0.20 0.00	39.48 0.47 0.00	73.79 0.91 0.00	278.23 2.92 0.00	104.98 0.39 0.00	57.22 0.35 0.00	51.63 0.30 0.00	52.07 0.19 0.00	53.13 0.14 0.00
NEWTON___FALLS_HYD 23847	30.93 0.45 0.00	25.17 0.36 0.00	27.78 0.21 0.00	25.45 0.20 0.00	26.32 0.47 0.00	27.55 0.24 0.00	46.47 0.84 0.00	60.40 1.29 0.00	40.37 0.36 0.00	26.62 0.09 0.00	33.94 0.15 0.00	41.14 0.26 0.00	40.76 0.17 0.00	41.18 -0.04 0.00	38.07 0.08 0.00	38.15 0.49 0.00	39.31 0.30 0.00	73.75 0.87 0.00	281.34 6.04 0.00	107.51 2.92 0.00	58.48 1.61 0.00	52.74 1.41 0.00	53.25 1.36 0.00	54.75 1.77 0.00
NGRID_A1_DSASP 323792	28.12 -2.36 0.00	22.76 -2.05 0.00	25.23 -2.34 0.00	22.88 -2.37 0.00	23.77 -2.09 0.00	25.65 -1.66 0.00	42.39 -3.23 0.00	54.33 -4.77 0.00	37.40 -2.60 0.00	25.04 -1.49 0.00	32.23 -1.56 0.00	40.05 -0.84 0.00	39.15 -1.44 0.00	39.70 -1.52 0.00	36.12 -1.87 0.00	35.12 -2.53 0.00	34.04 -3.79 1.19	65.00 -7.29 0.59	251.17 -24.13 0.00	96.12 -8.47 0.00	50.85 -5.17 0.85	47.01 -4.33 0.00	48.31 -3.58 0.00	50.54 -2.45 0.00
NGRID_A2_DSASP 323793	28.12 -2.36 0.00	22.76 -2.05 0.00	25.23 -2.34 0.00	22.88 -2.37 0.00	23.77 -2.09 0.00	25.65 -1.66 0.00	42.39 -3.23 0.00	54.33 -4.77 0.00	37.40 -2.60 0.00	25.04 -1.49 0.00	32.23 -1.56 0.00	40.05 -0.84 0.00	39.15 -1.44 0.00	39.70 -1.52 0.00	36.12 -1.87 0.00	35.12 -2.53 0.00	34.04 -3.79 1.19	65.00 -7.29 0.59	251.17 -24.13 0.00	96.12 -8.47 0.00	50.85 -5.17 0.85	47.01 -4.33 0.00	48.31 -3.58 0.00	50.54 -2.45 0.00
NGRID_A4_DSASP 323807	28.12 -2.36 0.00	22.76 -2.05 0.00	25.23 -2.34 0.00	22.88 -2.37 0.00	23.77 -2.09 0.00	25.65 -1.66 0.00	42.39 -3.23 0.00	54.33 -4.77 0.00	37.40 -2.60 0.00	25.04 -1.49 0.00	32.23 -1.56 0.00	40.05 -0.84 0.00	39.15 -1.44 0.00	39.70 -1.52 0.00	36.12 -1.87 0.00	35.12 -2.53 0.00	34.04 -3.79 1.19	65.00 -7.29 0.59	251.17 -24.13 0.00	96.12 -8.47 0.00	50.85 -5.17 0.85	47.01 -4.33 0.00	48.31 -3.58 0.00	50.54 -2.45 0.00
NIAGARA_115E_LBMP 323715	28.03 -2.45 0.00	22.68 -2.13 0.00	25.13 -2.44 0.00	22.80 -2.45 0.00	23.71 -2.15 0.00	25.59 -1.72 0.00	42.26 -3.36 0.00	54.15 -4.96 0.00	37.28 -2.72 0.00	24.97 -1.56 0.00	32.14 -1.65 0.00	39.81 -1.07 0.00	38.80 -1.78 0.00	39.37 -1.86 0.00	35.83 -2.16 0.00	34.82 -2.83 0.00	33.74 -4.09 1.19	64.73 -7.56 0.59	250.32 -24.99 0.00	95.86 -8.73 0.00	50.68 -5.34 0.85	46.85 -4.48 0.00	48.18 -3.71 0.00	50.14 -2.84 0.00
NIAGARA_115W_LBMP 323714	28.05 -2.44 0.00	22.70 -2.11 0.00	25.16 -2.41 0.00	22.82 -2.43 0.00	23.70 -2.15 0.00	25.58 -1.73 0.00	42.25 -3.37 0.00	54.15 -4.95 0.00	37.29 -2.72 0.00	24.96 -1.56 0.00	32.14 -1.66 0.00	39.96 -0.93 0.00	39.05 -1.54 0.00	39.62 -1.61 0.00	36.04 -1.95 0.00	35.05 -2.61 0.00	33.96 -3.87 1.18	64.78 -7.51 0.59	250.35 -24.96 0.00	95.81 -8.78 0.00	50.70 -5.33 0.85	46.86 -4.47 0.00	48.16 -3.73 0.00	50.43 -2.56 0.00
NIAGARA_230_LBMP 323716	28.33 -2.15 0.00	22.93 -1.88 0.00	25.42 -2.15 0.00	23.06 -2.19 0.00	23.94 -1.91 0.00	25.80 -1.51 0.00	42.67 -2.95 0.00	54.78 -4.33 0.00	37.66 -2.35 0.00	25.16 -1.36 0.00	32.43 -1.36 0.00	40.12 -0.77 0.00	39.19 -1.40 0.00	39.74 -1.48 0.00	36.16 -1.83 0.00	35.21 -2.45 0.00	34.22 -3.65 1.14	65.60 -6.70 0.58	253.30 -22.01 0.00	96.92 -7.67 0.00	51.28 -4.76 0.83	47.37 -3.96 0.00	48.62 -3.26 0.00	50.64 -2.35 0.00
NIAGARA___115KV_198_GIBSON 55903	28.05 -2.44 0.00	22.70 -2.11 0.00	25.16 -2.41 0.00	22.82 -2.43 0.00	23.70 -2.15 0.00	25.58 -1.73 0.00	42.26 -3.36 0.00	54.16 -4.95 0.00	37.30 -2.71 0.00	24.96 -1.56 0.00	32.13 -1.66 0.00	39.95 -0.94 0.00	39.12 -1.47 0.00	39.62 -1.60 0.00	36.05 -1.94 0.00	35.06 -2.60 0.00	33.96 -3.88 1.18	64.81 -7.48 0.59	250.41 -24.90 0.00	95.80 -8.78 0.00	50.70 -5.33 0.85	46.87 -4.47 0.00	48.16 -3.73 0.00	50.42 -2.57 0.00
NIAGARA___ 23760	28.33 -2.15 0.00	22.93 -1.88 0.00	25.42 -2.15 0.00	23.06 -2.19 0.00	23.94 -1.91 0.00	25.80 -1.51 0.00	42.67 -2.95 0.00	54.78 -4.33 0.00	37.66 -2.35 0.00	25.16 -1.36 0.00	32.43 -1.36 0.00	40.12 -0.77 0.00	39.19 -1.40 0.00	39.74 -1.48 0.00	36.16 -1.83 0.00	35.21 -2.45 0.00	34.21 -3.65 1.15	65.60 -6.70 0.58	253.30 -22.01 0.00	96.92 -7.67 0.00	51.27 -4.76 0.84	47.37 -3.96 0.00	48.62 -3.26 0.00	50.64 -2.35 0.00
NINE_MILE_1 23575	29.48 -1.01 0.00	23.99 -0.82 0.00	26.65 -0.92 0.00	24.42 -0.83 0.00	25.02 -0.83 0.00	26.42 -0.89 0.00	44.11 -1.51 0.00	57.11 -1.99 0.00	38.65 -1.35 0.00	25.63 -0.89 0.00	32.69 -1.10 0.00	39.66 -1.23 0.00	39.31 -1.28 0.00	39.93 -1.30 0.00	36.76 -1.23 0.00	36.40 -1.26 0.00	37.64 -1.37 0.00	70.29 -2.58 0.00	265.41 -9.90 0.00	100.97 -3.62 0.00	54.82 -2.06 0.00	49.49 -1.85 0.00	49.96 -1.92 0.00	51.05 -1.94 0.00
NINE_MILE_2 23744	29.48 -1.00 0.00	24.00 -0.82 0.00	26.66 -0.91 0.00	24.42 -0.83 0.00	25.02 -0.83 0.00	26.42 -0.89 0.00	44.12 -1.51 0.00	57.12 -1.99 0.00	38.65 -1.35 0.00	25.63 -0.89 0.00	32.69 -1.10 0.00	39.66 -1.23 0.00	39.31 -1.28 0.00	39.93 -1.30 0.00	36.76 -1.22 0.00	36.40 -1.26 0.00	37.65 -1.37 0.00	70.29 -2.58 0.00	265.41 -9.90 0.00	100.97 -3.62 0.00	54.82 -2.06 0.00	49.49 -1.85 0.00	49.97 -1.92 0.00	51.05 -1.94 0.00
NM_CAPITAL___DRP 24208	30.70 0.22 0.00	25.09 0.28 0.00	27.92 0.35 0.00	25.59 0.34 0.00	26.13 0.27 0.00	27.61 0.30 0.00	46.05 0.43 0.00	59.34 0.24 0.00	40.15 0.15 0.00	26.61 0.08 0.00	33.83 0.04 0.00	40.52 -0.36 0.00	40.37 -0.21 0.00	41.08 -0.15 0.00	38.05 0.06 0.00	37.78 0.12 0.00	39.40 0.39 0.00	73.59 0.71 0.00	277.61 2.30 0.00	104.74 0.15 0.00	57.11 0.23 0.00	51.53 0.20 0.00	52.01 0.12 0.00	53.09 0.10 0.00
NM_CENTRAL___DRP 24181	29.97 -0.51 0.00	24.36 -0.45 0.00	27.08 -0.49 0.00	24.81 -0.44 0.00	25.43 -0.43 0.00	26.88 -0.43 0.00	44.99 -0.63 0.00	58.28 -0.83 0.00	39.43 -0.57 0.00	26.12 -0.41 0.00	33.36 -0.43 0.00	40.54 -0.35 0.00	40.16 -0.43 0.00	40.79 -0.43 0.00	37.55 -0.44 0.00	37.16 -0.50 0.00	38.44 -0.57 0.00	71.76 -1.11 0.00	271.02 -4.29 0.00	103.02 -1.57 0.00	55.88 -1.00 0.00	50.42 -0.91 0.00	50.93 -0.96 0.00	52.02 -0.96 0.00

NM_FRONTIER___DRP 24179	28.05 -2.44 0.00	22.70 -2.11 0.00	25.16 -2.41 0.00	22.82 -2.43 0.00	23.70 -2.15 0.00	25.58 -1.73 0.00	42.26 -3.36 0.00	54.16 -4.95 0.00	37.30 -2.71 0.00	24.96 -1.56 0.00	32.13 -1.66 0.00	39.95 -0.94 0.00	39.12 -1.47 0.00	39.62 -1.60 0.00	36.05 -1.94 0.00	35.06 -2.60 0.00	33.96 -3.88 1.18	64.81 -7.48 0.59	250.41 -24.90 0.00	95.80 -8.78 0.00	50.70 -5.33 0.85	46.87 -4.47 0.00	48.16 -3.73 0.00	50.42 -2.57 0.00
NM_ST_REGIS___HYD 24053	31.32 0.83 0.00	25.48 0.68 0.00	28.16 0.59 0.00	25.76 0.51 0.00	26.53 0.68 0.00	27.95 0.64 0.00	46.46 0.84 0.00	60.59 1.48 0.00	40.91 0.91 0.00	27.10 0.58 0.00	34.50 0.71 0.00	41.71 0.82 0.00	41.45 0.86 0.00	42.05 0.82 0.00	38.74 0.76 0.00	38.57 0.92 0.00	39.54 0.52 0.00	73.50 0.62 0.00	280.92 5.62 0.00	107.88 3.29 0.00	58.88 2.00 0.00	53.18 1.85 0.00	53.80 1.91 0.00	55.11 2.12 0.00
NORTHPORT___1 23551	31.77 1.28 0.00	25.78 0.97 0.00	28.59 1.02 0.00	26.19 0.93 0.00	26.59 0.73 0.00	20.38 0.65 7.58	29.62 1.50 17.50	36.79 1.94 24.26	26.51 1.09 14.59	22.43 0.89 4.99	35.44 1.65 0.00	42.76 1.88 0.00	42.74 2.15 0.00	43.03 1.81 0.00	40.06 2.04 -0.04	39.53 1.85 -0.02	32.80 1.84 8.05	52.64 2.96 23.19	118.83 7.14 163.62	80.00 3.77 28.36	41.26 2.16 17.78	37.04 1.74 16.03	37.21 1.51 16.19	46.93 0.81 6.87
NORTHPORT___2 23552	31.77 1.28 0.00	25.78 0.97 0.00	28.59 1.02 0.00	26.19 0.93 0.00	26.59 0.73 0.00	20.38 0.65 7.58	29.62 1.50 17.50	36.79 1.94 24.26	26.51 1.09 14.59	22.43 0.89 4.99	35.44 1.65 0.00	42.76 1.88 0.00	42.74 2.15 0.00	43.03 1.81 0.00	40.06 2.04 -0.04	39.53 1.85 -0.02	32.80 1.84 8.05	52.64 2.96 23.19	118.83 7.14 163.62	80.00 3.77 28.36	41.26 2.16 17.78	37.04 1.74 16.03	37.21 1.51 16.19	46.93 0.81 6.87
NORTHPORT___3 23553	31.70 1.22 0.00	25.73 0.92 0.00	28.54 0.97 0.00	26.14 0.89 0.00	26.53 0.68 0.00	12.31 0.60 15.60	11.01 1.43 36.04	11.01 1.86 49.95	11.01 1.05 30.04	16.34 0.86 11.04	35.38 1.59 0.00	43.76 1.82 -1.06	44.08 2.08 -1.41	44.20 1.75 -1.23	40.63 1.99 -0.67	39.60 1.80 -0.14	24.22 1.78 16.58	27.97 2.86 47.76	49.23 7.01 233.09	45.60 3.68 62.66	22.33 2.06 36.61	19.99 1.67 33.01	20.01 1.47 33.35	39.60 0.75 14.15
NORTHPORT___4 23650	31.70 1.22 0.00	25.73 0.92 0.00	28.54 0.97 0.00	26.14 0.89 0.00	26.53 0.68 0.00	12.31 0.60 15.60	11.01 1.43 36.04	11.01 1.86 49.95	11.01 1.05 30.04	16.34 0.86 11.04	35.38 1.59 0.00	43.76 1.82 -1.06	44.08 2.08 -1.41	44.20 1.75 -1.23	40.63 1.99 -0.67	39.60 1.80 -0.14	24.22 1.78 16.58	27.97 2.86 47.76	49.23 7.01 233.09	45.60 3.68 62.66	22.33 2.06 36.61	19.99 1.67 33.01	20.01 1.47 33.35	39.60 0.75 14.15
NORTHPORT___IC 23718	31.77 1.28 0.00	25.78 0.97 0.00	28.59 1.02 0.00	26.19 0.93 0.00	26.59 0.73 0.00	20.38 0.65 7.58	29.62 1.50 17.50	36.78 1.93 24.26	26.51 1.10 14.59	22.43 0.89 4.99	35.44 1.65 0.00	42.77 1.89 0.00	42.72 2.13 0.00	43.03 1.80 0.00	40.05 2.04 -0.04	39.57 1.89 -0.02	32.80 1.84 8.05	52.64 2.96 23.19	118.84 7.16 163.62	80.00 3.77 28.36	41.26 2.16 17.78	37.03 1.72 16.03	37.21 1.51 16.19	46.94 0.82 6.87
NORTH___COUNTRY_ESR 323785	30.86 0.38 0.00	25.08 0.27 0.00	27.72 0.15 0.00	25.34 0.09 0.00	26.04 0.19 0.00	27.51 0.20 0.00	45.45 -0.17 0.00	59.31 0.20 0.00	40.20 0.19 0.00	26.75 0.23 0.00	33.90 0.10 0.00	40.91 0.02 0.00	40.82 0.23 0.00	41.53 0.31 0.00	38.27 0.29 0.00	38.08 0.42 0.00	39.01 0.00 0.00	72.43 -0.45 0.00	276.18 0.87 0.00	105.95 1.37 0.00	57.64 0.76 0.00	51.98 0.64 0.00	52.75 0.86 0.00	54.01 1.02 0.00
NPX_GEN_1385_PROXY 323591	31.12 1.18 0.54	25.73 0.92 0.00	28.53 0.97 0.00	26.13 0.88 0.00	26.53 0.67 0.00	20.32 0.58 7.58	35.67 1.67 11.62	39.02 2.14 22.22	26.49 1.08 14.59	22.45 0.91 4.99	22.83 1.52 12.48	10.20 1.72 32.41	12.38 2.00 30.20	8.34 1.66 34.55	9.95 1.91 29.94	30.31 1.73 9.08	48.42 1.98 -7.42	74.81 3.21 1.27	118.88 7.20 163.62	71.55 3.41 36.44	41.40 2.30 17.78	36.85 1.55 16.03	34.16 1.33 19.06	45.20 0.68 8.47
NPX_GEN_CSC 323557	32.01 1.53 0.00	25.88 1.07 0.00	28.75 1.18 0.00	26.36 1.11 0.00	26.74 0.89 0.00	24.33 0.81 3.78	38.53 1.65 8.74	49.18 2.18 12.11	33.91 1.19 7.28	25.42 1.00 2.11	35.44 1.65 0.00	-0.68 1.40 42.97	-15.11 1.71 57.41	-7.34 1.40 49.97	14.07 1.71 25.63	34.44 1.54 4.76	35.72 2.01 5.31	64.64 3.35 11.58	151.46 5.50 129.34	96.97 4.47 12.09	50.64 2.64 8.88	45.48 2.15 8.00	45.20 1.40 8.08	49.82 0.26 3.43
NSINS_S_GLNS_FALLS 23858	31.88 1.40 0.00	25.91 1.10 0.00	28.79 1.22 0.00	26.41 1.16 0.00	27.02 1.17 0.00	28.54 1.24 0.00	47.94 2.32 0.00	61.65 2.54 0.00	41.52 1.52 0.00	27.32 0.79 0.00	34.59 0.80 0.00	41.89 1.01 0.00	41.85 1.26 0.00	42.63 1.40 0.00	39.28 1.30 0.00	39.19 1.53 0.00	40.90 1.88 0.00	76.38 3.51 0.00	289.87 14.56 0.00	108.92 4.33 0.00	59.31 2.44 0.00	53.33 1.99 0.00	53.61 1.72 0.00	54.86 1.87 0.00
NUCOR_STEEL___DRP 24197	30.25 -0.24 0.00	24.64 -0.17 0.00	27.43 -0.14 0.00	25.03 -0.22 0.00	25.75 -0.11 0.00	27.29 -0.02 0.00	45.72 0.10 0.00	58.90 -0.20 0.00	39.97 -0.03 0.00	26.44 -0.08 0.00	33.67 -0.12 0.00	41.07 0.18 0.00	40.76 0.17 0.00	41.41 0.19 0.00	38.10 0.12 0.00	37.55 -0.11 0.00	38.79 -0.23 0.00	73.05 -0.09 -0.27	275.10 -0.20 0.00	104.61 0.02 0.00	56.88 -0.39 -0.39	51.17 -0.17 0.00	51.71 -0.18 0.00	52.63 -0.36 0.00
NUMBER_THREE_WT_PWR 323818	30.64 0.16 0.00	24.95 0.14 0.00	27.49 -0.08 0.00	25.22 -0.03 0.00	26.19 0.33 0.00	27.24 -0.07 0.00	46.59 0.97 0.00	60.64 1.54 0.00	40.18 0.18 0.00	26.37 -0.15 0.00	33.68 -0.11 0.00	40.86 -0.02 0.00	40.23 -0.36 0.00	40.57 -0.66 0.00	37.67 -0.32 0.00	38.09 0.43 0.00	39.52 0.51 0.00	74.67 1.80 0.00	284.52 9.22 0.00	108.32 3.74 0.00	58.57 1.70 0.00	52.29 0.95 0.00	52.72 0.83 0.00	54.46 1.47 0.00
NYISO_LBMP_REFERENCE 24008	30.48 0.00 0.00	24.81 0.00 0.00	27.57 0.00 0.00	25.25 0.00 0.00	25.85 0.00 0.00	27.31 0.00 0.00	45.62 0.00 0.00	59.11 0.00 0.00	40.00 0.00 0.00	26.52 0.00 0.00	33.79 0.00 0.00	40.89 0.00 0.00	40.59 0.00 0.00	41.23 0.00 0.00	37.98 0.00 0.00	37.66 0.00 0.00	39.02 0.00 0.00	72.87 0.00 0.00	275.31 0.00 0.00	104.59 0.00 0.00	56.88 0.00 0.00	51.33 0.00 0.00	51.89 0.00 0.00	52.99 0.00 0.00
NYPA_BRENTWD____GT 24164	32.16 1.68 0.00	26.07 1.26 0.00	28.92 1.35 0.00	26.47 1.22 0.00	26.89 1.04 0.00	24.99 0.94 3.26	40.12 2.05 7.55	51.33 2.68 10.46	35.31 1.59 6.29	26.03 1.20 1.69	35.88 2.08 0.00	39.34 2.47 4.02	37.92 2.70 5.37	38.94 2.39 4.67	38.21 2.57 2.34	39.62 2.37 0.41	37.90 2.36 3.47	66.77 3.90 10.00	163.22 9.03 121.12	99.35 4.51 9.75	52.08 2.87 7.67	46.78 2.36 6.91	47.02 2.12 6.98	51.43 1.41 2.96

NYPA_GOWANUS____GT5 24156	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.13 4.26 0.00	290.66 15.35 0.00	110.43 5.84 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.74 2.86 0.00	55.38 2.39 0.00
NYPA_GOWANUS____GT6 24157	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.35 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.32 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.94 2.71 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.62 2.61 0.00	77.13 4.26 0.00	290.66 15.35 0.00	110.43 5.84 0.00	60.00 3.13 0.00	54.02 2.69 0.00	54.74 2.86 0.00	55.38 2.39 0.00
NYPA_HARLEM__RVR__GT1 24160	31.93 1.46 0.01	25.91 1.11 0.02	28.71 1.15 0.01	26.30 1.06 0.02	26.85 1.01 0.02	28.37 1.07 0.01	47.87 2.25 0.00	62.00 2.89 0.00	41.89 1.88 0.00	27.87 1.35 0.00	35.82 2.02 0.00	43.46 2.57 0.00	43.27 2.68 0.00	43.80 2.58 0.00	40.48 2.50 0.00	40.00 2.34 0.00	41.47 2.45 0.00	76.86 3.98 0.00	289.03 13.72 0.00	109.64 5.05 0.00	59.57 2.72 0.02	53.76 2.44 0.01	54.42 2.54 0.01	55.01 2.04 0.02
NYPA_HARLEM__RVR__GT2 24161	31.93 1.46 0.01	25.91 1.11 0.02	28.71 1.15 0.01	26.30 1.06 0.02	26.85 1.01 0.02	28.37 1.07 0.01	47.87 2.25 0.00	62.00 2.89 0.00	41.89 1.88 0.00	27.87 1.35 0.00	35.82 2.02 0.00	43.46 2.57 0.00	43.27 2.68 0.00	43.80 2.58 0.00	40.48 2.50 0.00	40.00 2.34 0.00	41.47 2.45 0.00	76.86 3.98 0.00	289.03 13.72 0.00	109.64 5.05 0.00	59.57 2.72 0.02	53.76 2.44 0.01	54.42 2.54 0.01	55.01 2.04 0.02
NYPA_KENT____GT 24152	32.16 1.68 0.00	26.09 1.28 0.00	28.89 1.32 0.00	26.48 1.23 0.00	27.05 1.19 0.00	28.59 1.28 0.00	48.16 2.54 0.00	62.33 3.22 0.00	42.17 2.17 0.00	28.03 1.51 0.00	35.91 2.12 0.00	43.60 2.71 0.00	43.40 2.82 0.00	43.95 2.72 0.00	40.60 2.61 0.00	40.14 2.48 0.00	41.62 2.60 0.00	77.15 4.27 0.00	290.51 15.20 0.00	110.34 5.76 0.00	59.96 3.09 0.00	53.99 2.66 0.00	54.71 2.82 0.00	55.33 2.34 0.00
NYPA_POUCH1____GT 24155	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.34 0.00	26.49 1.24 0.00	27.08 1.22 0.00	28.63 1.32 0.00	48.24 2.62 0.00	62.37 3.26 0.00	42.21 2.21 0.00	28.06 1.53 0.00	35.88 2.09 0.00	43.53 2.64 0.00	43.31 2.72 0.00	43.86 2.64 0.00	40.53 2.55 0.00	40.06 2.40 0.00	41.56 2.54 0.00	76.97 4.10 0.00	290.18 14.87 0.00	110.33 5.74 0.00	59.91 3.04 0.00	53.91 2.58 0.00	54.66 2.77 0.00	55.29 2.30 0.00
NYPA_VERNON____GT2 24162	32.14 1.65 0.00	26.07 1.26 0.00	28.88 1.31 0.00	26.47 1.22 0.00	27.03 1.17 0.00	28.56 1.25 0.00	48.10 2.48 0.00	62.26 3.15 0.00	42.10 2.10 0.00	28.00 1.48 0.00	35.90 2.11 0.00	43.60 2.71 0.00	43.41 2.82 0.00	43.95 2.73 0.00	40.60 2.61 0.00	40.15 2.49 0.00	41.62 2.60 0.00	77.19 4.32 0.00	290.38 15.07 0.00	110.23 5.64 0.00	59.90 3.03 0.00	53.97 2.63 0.00	54.67 2.79 0.00	55.29 2.31 0.00
NYPA_VERNON____GT3 24163	32.14 1.65 0.00	26.07 1.26 0.00	28.88 1.31 0.00	26.47 1.22 0.00	27.03 1.17 0.00	28.56 1.25 0.00	48.10 2.48 0.00	62.26 3.15 0.00	42.10 2.10 0.00	28.00 1.48 0.00	35.90 2.11 0.00	43.60 2.71 0.00	43.41 2.82 0.00	43.95 2.73 0.00	40.60 2.61 0.00	40.15 2.49 0.00	41.62 2.60 0.00	77.19 4.32 0.00	290.38 15.07 0.00	110.23 5.64 0.00	59.90 3.03 0.00	53.97 2.63 0.00	54.67 2.79 0.00	55.29 2.31 0.00
NYPA__ASTORIA_CC1 323568	32.11 1.63 0.00	26.05 1.24 0.00	28.85 1.28 0.00	26.45 1.20 0.00	27.02 1.16 0.00	28.53 1.23 0.00	48.05 2.43 0.00	62.20 3.09 0.00	42.05 2.05 0.00	27.98 1.46 0.00	35.87 2.08 0.00	43.56 2.67 0.00	43.38 2.79 0.00	43.92 2.69 0.00	40.56 2.58 0.00	40.11 2.45 0.00	41.58 2.57 0.00	77.09 4.22 0.00	290.00 14.69 0.00	110.12 5.53 0.00	59.85 2.98 0.00	53.92 2.59 0.00	54.64 2.75 0.00	55.24 2.26 0.00
NYPA__ASTORIA_CC2 323569	32.11 1.63 0.00	26.05 1.24 0.00	28.85 1.28 0.00	26.45 1.20 0.00	27.02 1.16 0.00	28.53 1.23 0.00	48.05 2.43 0.00	62.20 3.09 0.00	42.05 2.05 0.00	27.98 1.46 0.00	35.87 2.08 0.00	43.56 2.67 0.00	43.38 2.79 0.00	43.92 2.69 0.00	40.56 2.58 0.00	40.11 2.45 0.00	41.58 2.57 0.00	77.09 4.22 0.00	290.00 14.69 0.00	110.12 5.53 0.00	59.85 2.98 0.00	53.92 2.59 0.00	54.64 2.75 0.00	55.24 2.26 0.00
NYPA__HOLTSVILL 23794	31.95 1.47 0.00	25.85 1.04 0.00	28.71 1.14 0.00	26.32 1.07 0.00	26.70 0.85 0.00	24.09 0.76 3.97	38.02 1.58 9.18	48.46 2.07 12.72	33.48 1.13 7.65	25.23 0.96 2.26	35.42 1.63 0.00	-0.52 1.59 43.00	-14.97 1.89 57.45	-7.19 1.59 50.01	14.15 1.82 25.65	34.54 1.64 4.77	36.73 1.93 4.22	63.90 3.19 12.16	150.56 6.50 131.25	95.74 4.07 12.92	49.98 2.42 9.32	44.91 1.98 8.40	44.93 1.53 8.49	50.05 0.66 3.60
NYPA__HELLGATE_GT1 24158	31.94 1.46 0.00	25.92 1.11 0.00	28.71 1.15 0.00	26.31 1.06 0.00	26.87 1.01 0.00	28.38 1.07 0.00	47.87 2.25 0.00	62.00 2.89 0.00	41.89 1.88 0.00	27.87 1.35 0.00	35.82 2.02 0.00	43.46 2.57 0.00	43.27 2.68 0.00	43.80 2.58 0.00	40.48 2.50 0.00	40.00 2.34 0.00	41.47 2.46 0.00	76.92 4.04 0.00	289.46 14.15 0.00	109.80 5.21 0.00	59.68 2.81 0.00	53.85 2.51 0.00	54.50 2.61 0.00	55.10 2.12 0.00
NYPA__HELLGATE_GT2 24159	31.94 1.46 0.00	25.92 1.11 0.00	28.71 1.15 0.00	26.31 1.06 0.00	26.87 1.01 0.00	28.38 1.07 0.00	47.87 2.25 0.00	62.00 2.89 0.00	41.89 1.88 0.00	27.87 1.35 0.00	35.82 2.02 0.00	43.46 2.57 0.00	43.27 2.68 0.00	43.80 2.58 0.00	40.48 2.50 0.00	40.00 2.34 0.00	41.47 2.46 0.00	76.92 4.04 0.00	289.46 14.15 0.00	109.80 5.21 0.00	59.68 2.81 0.00	53.85 2.51 0.00	54.50 2.61 0.00	55.10 2.12 0.00
NYS_BARGE__HYD 23848	28.49 -1.99 0.00	23.05 -1.76 0.00	25.54 -2.03 0.00	23.16 -2.09 0.00	24.07 -1.78 0.00	25.98 -1.33 0.00	42.98 -2.64 0.00	55.17 -3.93 0.00	37.96 -2.04 0.00	25.39 -1.13 0.00	32.69 -1.10 0.00	40.45 -0.44 0.00	39.46 -1.13 0.00	40.02 -1.20 0.00	36.42 -1.57 0.00	35.39 -2.27 0.00	34.45 -3.46 1.11	66.02 -6.29 0.56	255.08 -20.23 0.00	97.78 -6.81 0.00	51.75 -4.31 0.81	47.73 -3.60 0.00	49.00 -2.89 0.00	50.96 -2.03 0.00
OAK ORCHARD__HYD 24046	29.70 -0.79 0.00	24.08 -0.73 0.00	26.72 -0.85 0.00	24.37 -0.88 0.00	25.13 -0.72 0.00	26.82 -0.49 0.00	44.77 -0.85 0.00	57.93 -1.18 0.00	39.48 -0.52 0.00	26.24 -0.28 0.00	33.66 -0.13 0.00	41.17 0.28 0.00	40.51 -0.07 0.00	41.10 -0.12 0.00	37.63 -0.35 0.00	36.97 -0.69 0.00	37.78 -1.23 0.00	70.36 -2.14 0.37	268.99 -6.32 0.00	102.63 -1.96 0.00	54.88 -1.47 0.53	50.09 -1.24 0.00	50.81 -1.08 0.00	52.22 -0.77 0.00

OAKDALE___35_KV_LOAD 356122	30.30 -0.18 0.00	24.56 -0.25 0.00	27.36 -0.21 0.00	25.03 -0.22 0.00	25.66 -0.19 0.00	27.21 -0.10 0.00	45.55 -0.07 0.00	58.90 -0.21 0.00	39.86 -0.15 0.00	26.41 -0.11 0.00	33.86 0.07 0.00	41.29 0.40 0.00	40.77 0.18 0.00	41.43 0.21 0.00	38.08 0.10 0.00	37.66 0.01 0.00	38.81 -0.21 0.00	72.11 -0.37 0.39	273.85 -1.45 0.00	104.18 -0.41 0.00	55.76 -0.55 0.56	50.92 -0.41 0.00	51.65 -0.24 0.00	52.84 -0.15 0.00
OCC_CHEM___DRP 24175	28.12 -2.36 0.00	22.76 -2.05 0.00	25.23 -2.34 0.00	22.88 -2.37 0.00	23.77 -2.09 0.00	25.65 -1.66 0.00	42.39 -3.23 0.00	54.34 -4.77 0.00	37.41 -2.60 0.00	25.04 -1.49 0.00	32.23 -1.56 0.00	40.04 -0.85 0.00	39.20 -1.38 0.00	39.71 -1.52 0.00	36.13 -1.86 0.00	35.13 -2.53 0.00	34.03 -3.79 1.19	65.03 -7.26 0.59	251.23 -24.08 0.00	96.11 -8.47 0.00	50.86 -5.17 0.85	47.02 -4.32 0.00	48.31 -3.58 0.00	50.54 -2.45 0.00
OH_GEN_PROXY 24063	28.39 -2.09 0.00	22.97 -1.84 0.00	25.47 -2.10 0.00	23.12 -2.13 0.00	23.99 -1.86 0.00	25.85 -1.46 0.00	42.78 -2.84 0.00	54.98 -4.12 0.00	37.77 -2.24 0.00	25.23 -1.29 0.00	32.51 -1.28 0.00	40.17 -0.71 0.00	39.25 -1.34 0.00	39.82 -1.41 0.00	36.23 -1.75 0.00	35.28 -2.38 0.00	33.14 -3.53 2.35	65.87 -6.43 0.58	254.29 -21.02 0.00	97.27 -7.32 0.00	51.46 -4.59 0.83	47.53 -3.81 0.00	48.74 -3.15 0.00	50.69 -2.30 0.00
OLIN_CORP_DRP 24177	28.08 -2.40 0.00	22.73 -2.08 0.00	25.19 -2.38 0.00	22.85 -2.40 0.00	23.75 -2.10 0.00	25.63 -1.67 0.00	42.35 -3.27 0.00	54.28 -4.82 0.00	37.37 -2.63 0.00	25.02 -1.50 0.00	32.19 -1.60 0.00	39.86 -1.03 0.00	38.94 -1.65 0.00	39.45 -1.78 0.00	35.91 -2.08 0.00	34.91 -2.75 0.00	33.82 -3.99 1.20	64.92 -7.36 0.59	250.99 -24.32 0.00	96.09 -8.49 0.00	50.80 -5.22 0.86	46.98 -4.35 0.00	48.29 -3.60 0.00	50.24 -2.75 0.00
OLIN_CORP_DSASP 323712	28.12 -2.36 0.00	22.76 -2.05 0.00	25.23 -2.34 0.00	22.88 -2.37 0.00	23.77 -2.09 0.00	25.65 -1.66 0.00	42.39 -3.23 0.00	54.33 -4.77 0.00	37.40 -2.60 0.00	25.04 -1.49 0.00	32.23 -1.56 0.00	40.05 -0.84 0.00	39.15 -1.44 0.00	39.70 -1.52 0.00	36.12 -1.87 0.00	35.12 -2.53 0.00	34.04 -3.79 1.19	65.00 -7.29 0.59	251.17 -24.13 0.00	96.12 -8.47 0.00	50.85 -5.17 0.85	47.01 -4.33 0.00	48.31 -3.58 0.00	50.54 -2.45 0.00
ONEIDA_HERK_LFGE 323681	30.87 0.38 0.00	25.11 0.30 0.00	27.81 0.25 0.00	25.51 0.27 0.00	26.30 0.44 0.00	27.60 0.29 0.00	46.80 1.18 0.00	60.68 1.57 0.00	40.61 0.60 0.00	26.77 0.25 0.00	34.20 0.41 0.00	41.41 0.53 0.00	40.93 0.34 0.00	41.49 0.26 0.00	38.36 0.37 0.00	38.39 0.73 0.00	39.86 0.85 0.00	74.95 2.07 0.00	283.97 8.66 0.00	107.84 3.25 0.00	58.39 1.51 0.00	52.39 1.05 0.00	52.83 0.94 0.00	54.18 1.19 0.00
ONEIDA___115KV_TB4 55905	30.95 0.46 0.00	25.14 0.33 0.00	27.96 0.39 0.00	25.68 0.43 0.00	26.37 0.51 0.00	27.83 0.53 0.00	46.96 1.34 0.00	60.83 1.73 0.00	40.92 0.92 0.00	26.97 0.44 0.00	34.49 0.70 0.00	41.75 0.87 0.00	41.39 0.80 0.00	42.06 0.84 0.00	38.83 0.85 0.00	38.62 0.96 0.00	40.10 1.09 0.00	75.24 2.37 0.00	283.61 8.30 0.00	107.52 2.93 0.00	58.23 1.35 0.00	52.38 1.05 0.00	52.83 0.94 0.00	53.97 0.98 0.00
ONONDAGA_REF_OCCRA 23987	30.17 -0.31 0.00	24.52 -0.29 0.00	27.26 -0.31 0.00	24.97 -0.28 0.00	25.59 -0.26 0.00	27.07 -0.24 0.00	45.34 -0.28 0.00	58.71 -0.40 0.00	39.71 -0.30 0.00	26.29 -0.23 0.00	33.59 -0.20 0.00	40.81 -0.07 0.00	40.44 -0.15 0.00	41.07 -0.15 0.00	37.81 -0.17 0.00	37.43 -0.22 0.00	38.73 -0.28 0.00	72.54 -0.54 -0.20	273.26 -2.05 0.00	103.89 -0.70 0.00	56.60 -0.57 -0.29	50.81 -0.53 0.00	51.31 -0.58 0.00	52.40 -0.59 0.00
ONONDAGA___COGEN 23986	30.10 -0.38 0.00	24.48 -0.33 0.00	27.23 -0.34 0.00	24.94 -0.31 0.00	25.57 -0.28 0.00	27.05 -0.26 0.00	45.28 -0.34 0.00	58.59 -0.52 0.00	39.64 -0.36 0.00	26.24 -0.28 0.00	33.49 -0.30 0.00	40.73 -0.16 0.00	40.36 -0.23 0.00	41.01 -0.22 0.00	37.73 -0.25 0.00	37.34 -0.31 0.00	38.62 -0.39 0.00	72.16 -0.72 0.00	272.60 -2.71 0.00	103.65 -0.94 0.00	56.17 -0.70 0.00	50.73 -0.61 0.00	51.22 -0.67 0.00	52.29 -0.69 0.00
ONTARIO___LFGE 23819	29.98 -0.50 0.00	24.30 -0.51 0.00	27.05 -0.52 0.00	24.70 -0.55 0.00	25.39 -0.46 0.00	27.04 -0.27 0.00	45.28 -0.34 0.00	58.50 -0.60 0.00	39.78 -0.22 0.00	26.36 -0.17 0.00	33.70 -0.09 0.00	41.25 0.37 0.00	40.72 0.14 0.00	41.38 0.16 0.00	38.00 0.02 0.00	37.58 -0.08 0.00	39.22 -0.46 -0.67	71.20 -0.90 0.78	271.82 -3.49 0.00	103.87 -0.72 0.00	55.00 -0.76 1.12	50.68 -0.65 0.00	51.43 -0.46 0.00	52.59 -0.39 0.00
ORANGEVILLE_WT_PWR 323706	28.41 -2.07 0.00	22.99 -1.82 0.00	25.50 -2.07 0.00	23.07 -2.18 0.00	23.86 -1.99 0.00	25.67 -1.64 0.00	42.79 -2.84 0.00	55.17 -3.94 0.00	37.80 -2.21 0.00	25.27 -1.25 0.00	32.59 -1.20 0.00	40.10 -0.79 0.00	39.15 -1.43 0.00	39.74 -1.48 0.00	36.32 -1.66 0.00	35.52 -2.14 0.00	31.51 -2.92 4.58	67.09 -4.85 0.93	259.58 -15.72 0.00	98.76 -5.83 0.00	51.72 -3.82 1.34	48.13 -3.20 0.00	49.35 -2.54 0.00	51.20 -1.79 0.00
ORANGEVILLE___ESR 323794	28.41 -2.07 0.00	22.99 -1.82 0.00	25.50 -2.07 0.00	23.07 -2.18 0.00	23.86 -1.99 0.00	25.67 -1.64 0.00	42.79 -2.84 0.00	55.17 -3.94 0.00	37.80 -2.21 0.00	25.27 -1.25 0.00	32.59 -1.20 0.00	40.10 -0.79 0.00	39.15 -1.43 0.00	39.74 -1.48 0.00	36.32 -1.66 0.00	35.52 -2.14 0.00	31.51 -2.92 4.58	67.09 -4.85 0.93	259.58 -15.72 0.00	98.76 -5.83 0.00	51.72 -3.82 1.34	48.13 -3.20 0.00	49.35 -2.54 0.00	51.20 -1.79 0.00
OSWEGATCHIE___HYD 24044	30.93 0.45 0.00	25.17 0.36 0.00	27.78 0.21 0.00	25.45 0.20 0.00	26.32 0.47 0.00	27.55 0.24 0.00	46.46 0.84 0.00	60.40 1.29 0.00	40.37 0.36 0.00	26.62 0.09 0.00	33.94 0.15 0.00	41.14 0.26 0.00	40.76 0.17 0.00	41.18 -0.04 0.00	38.07 0.08 0.00	38.15 0.49 0.00	39.31 0.30 0.00	73.74 0.87 0.00	281.31 6.01 0.00	107.51 2.92 0.00	58.48 1.61 0.00	52.74 1.41 0.00	53.25 1.36 0.00	54.75 1.77 0.00
OSWEGO___5 23606	29.69 -0.79 0.00	24.15 -0.66 0.00	26.83 -0.74 0.00	24.57 -0.68 0.00	25.19 -0.66 0.00	26.62 -0.69 0.00	44.46 -1.17 0.00	57.56 -1.55 0.00	38.97 -1.04 0.00	25.82 -0.71 0.00	32.94 -0.85 0.00	39.98 -0.90 0.00	39.63 -0.96 0.00	40.25 -0.98 0.00	37.04 -0.94 0.00	36.67 -0.99 0.00	37.92 -1.09 0.00	70.84 -2.04 0.00	267.50 -7.81 0.00	101.75 -2.84 0.00	55.22 -1.66 0.00	49.86 -1.47 0.00	50.37 -1.52 0.00	51.47 -1.52 0.00
OSWEGO___6 23613	29.69 -0.79 0.00	24.15 -0.66 0.00	26.83 -0.74 0.00	24.57 -0.68 0.00	25.19 -0.66 0.00	26.62 -0.69 0.00	44.46 -1.17 0.00	57.56 -1.55 0.00	38.97 -1.04 0.00	25.82 -0.71 0.00	32.94 -0.85 0.00	39.98 -0.90 0.00	39.63 -0.96 0.00	40.25 -0.98 0.00	37.04 -0.94 0.00	36.67 -0.99 0.00	37.92 -1.09 0.00	70.84 -2.04 0.00	267.50 -7.81 0.00	101.75 -2.84 0.00	55.22 -1.66 0.00	49.86 -1.47 0.00	50.37 -1.52 0.00	51.47 -1.52 0.00

OUTOKUMPU-AB___DRP 24206	28.69 -1.80 0.00	23.20 -1.61 0.00	25.69 -1.88 0.00	23.30 -1.95 0.00	24.20 -1.66 0.00	26.13 -1.18 0.00	43.27 -2.35 0.00	55.60 -3.51 0.00	38.22 -1.79 0.00	25.57 -0.95 0.00	32.94 -0.85 0.00	40.79 -0.09 0.00	39.88 -0.70 0.00	40.42 -0.81 0.00	36.79 -1.20 0.00	35.79 -1.87 0.00	34.72 -3.04 1.26	66.70 -5.56 0.60	257.53 -17.78 0.00	98.59 -6.00 0.00	52.09 -3.92 0.87	48.10 -3.24 0.00	49.37 -2.52 0.00	51.40 -1.59 0.00
OXBOW___BTM 323836	28.38 -2.10 0.00	22.96 -1.85 0.00	25.43 -2.13 0.00	23.06 -2.19 0.00	23.96 -1.90 0.00	25.87 -1.44 0.00	42.79 -2.83 0.00	54.93 -4.18 0.00	37.80 -2.21 0.00	25.29 -1.23 0.00	32.57 -1.22 0.00	40.41 -0.48 0.00	39.46 -1.12 0.00	40.04 -1.19 0.00	36.43 -1.56 0.00	35.44 -2.22 0.00	34.37 -3.42 1.22	65.82 -6.46 0.60	254.23 -21.07 0.00	97.33 -7.26 0.00	51.44 -4.57 0.86	47.53 -3.81 0.00	48.80 -3.09 0.00	50.93 -2.06 0.00
OXBOW___ 24026	28.38 -2.10 0.00	22.96 -1.85 0.00	25.43 -2.14 0.00	23.07 -2.18 0.00	23.96 -1.90 0.00	25.86 -1.44 0.00	42.81 -2.81 0.00	54.93 -4.17 0.00	37.80 -2.21 0.00	25.29 -1.23 0.00	32.57 -1.22 0.00	40.40 -0.49 0.00	39.52 -1.07 0.00	40.05 -1.17 0.00	36.44 -1.55 0.00	35.45 -2.21 0.00	34.35 -3.44 1.22	65.83 -6.45 0.60	254.26 -21.05 0.00	97.30 -7.28 0.00	51.45 -4.57 0.86	47.54 -3.80 0.00	48.81 -3.08 0.00	50.94 -2.05 0.00
OXY_CHEM_DSASP 323612	28.12 -2.36 0.00	22.76 -2.05 0.00	25.23 -2.34 0.00	22.88 -2.37 0.00	23.77 -2.09 0.00	25.65 -1.66 0.00	42.39 -3.23 0.00	54.34 -4.77 0.00	37.41 -2.60 0.00	25.04 -1.49 0.00	32.23 -1.56 0.00	40.04 -0.85 0.00	39.20 -1.38 0.00	39.71 -1.52 0.00	36.13 -1.86 0.00	35.13 -2.53 0.00	34.03 -3.79 1.19	65.03 -7.26 0.59	251.23 -24.08 0.00	96.11 -8.47 0.00	50.86 -5.17 0.85	47.02 -4.32 0.00	48.31 -3.58 0.00	50.54 -2.45 0.00
OZONE_PARK_ESR 323760	32.28 1.80 0.00	26.17 1.37 0.00	28.98 1.41 0.00	26.56 1.31 0.00	27.13 1.28 0.00	28.69 1.39 0.00	48.38 2.76 0.00	62.64 3.54 0.00	42.36 2.35 0.00	28.14 1.61 0.00	36.06 2.27 0.00	43.79 2.90 0.00	43.58 3.00 0.00	44.16 2.93 0.00	40.79 2.81 0.00	40.34 2.69 0.00	41.82 2.81 0.00	77.70 4.83 0.00	292.39 17.08 0.00	110.95 6.36 0.00	60.29 3.41 0.00	54.28 2.94 0.00	54.98 3.09 0.00	55.60 2.61 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.12 -2.36 0.00	22.76 -2.05 0.00	25.23 -2.34 0.00	22.88 -2.37 0.00	23.77 -2.09 0.00	25.65 -1.66 0.00	42.39 -3.23 0.00	54.34 -4.77 0.00	37.41 -2.60 0.00	25.04 -1.49 0.00	32.23 -1.56 0.00	40.04 -0.85 0.00	39.20 -1.38 0.00	39.71 -1.52 0.00	36.13 -1.86 0.00	35.13 -2.53 0.00	34.03 -3.79 1.19	65.03 -7.26 0.59	251.23 -24.08 0.00	96.11 -8.47 0.00	50.86 -5.17 0.85	47.02 -4.32 0.00	48.31 -3.58 0.00	50.54 -2.45 0.00
PACKARD___115KV_DUPONT_184 80571	28.12 -2.36 0.00	22.76 -2.05 0.00	25.23 -2.34 0.00	22.88 -2.37 0.00	23.77 -2.09 0.00	25.65 -1.66 0.00	42.39 -3.23 0.00	54.33 -4.77 0.00	37.40 -2.60 0.00	25.04 -1.49 0.00	32.23 -1.56 0.00	40.05 -0.84 0.00	39.15 -1.44 0.00	39.70 -1.52 0.00	36.12 -1.87 0.00	35.12 -2.53 0.00	34.04 -3.79 1.19	65.00 -7.29 0.59	251.17 -24.13 0.00	96.12 -8.47 0.00	50.85 -5.17 0.85	47.01 -4.33 0.00	48.31 -3.58 0.00	50.54 -2.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.00 1.52 0.00	25.98 1.17 0.00	28.78 1.21 0.00	26.38 1.13 0.00	26.94 1.09 0.00	28.46 1.15 0.00	47.96 2.34 0.00	62.09 2.98 0.00	41.96 1.96 0.00	27.88 1.35 0.00	35.73 1.93 0.00	43.35 2.46 0.00	43.15 2.56 0.00	43.70 2.47 0.00	40.37 2.39 0.00	39.91 2.25 0.00	41.40 2.38 0.00	76.77 3.90 0.00	289.07 13.76 0.00	109.81 5.23 0.00	59.74 2.87 0.00	53.87 2.54 0.00	54.54 2.65 0.00	55.16 2.17 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.50 2.02 0.00	26.44 1.63 0.00	29.31 1.74 0.00	26.85 1.61 0.00	27.45 1.59 0.00	29.03 1.72 0.00	49.01 3.39 0.00	63.39 4.28 0.00	42.82 2.81 0.00	28.36 1.83 0.00	36.36 2.57 0.00	44.10 3.21 0.00	43.90 3.31 0.00	44.44 3.21 0.00	41.08 3.10 0.00	40.61 2.95 0.00	42.09 3.07 0.00	78.09 5.21 0.00	294.08 18.77 0.00	111.72 7.13 0.00	60.77 3.90 0.00	54.81 3.48 0.00	55.56 3.67 0.00	56.18 3.19 0.00
PATROON___115KV_TB1 80586	30.82 0.34 0.00	25.18 0.37 0.00	28.02 0.45 0.00	25.68 0.43 0.00	26.23 0.37 0.00	27.73 0.42 0.00	46.27 0.65 0.00	59.65 0.54 0.00	40.35 0.34 0.00	26.73 0.21 0.00	33.98 0.19 0.00	40.73 -0.15 0.00	40.62 0.03 0.00	41.30 0.07 0.00	38.28 0.29 0.00	38.01 0.35 0.00	39.63 0.62 0.00	74.11 1.23 0.00	279.35 4.05 0.00	105.40 0.81 0.00	57.45 0.57 0.00	51.82 0.48 0.00	52.27 0.38 0.00	53.32 0.33 0.00
PATTRSNVILLE___SOLAR 323815	31.26 0.77 0.00	25.40 0.59 0.00	28.24 0.67 0.00	25.88 0.63 0.00	26.48 0.63 0.00	28.00 0.69 0.00	46.99 1.37 0.00	60.78 1.68 0.00	40.93 0.92 0.00	26.92 0.40 0.00	34.24 0.45 0.00	41.57 0.68 0.00	41.26 0.67 0.00	41.92 0.69 0.00	38.66 0.68 0.00	38.39 0.73 0.00	40.09 1.08 0.00	74.97 2.09 0.00	283.66 8.35 0.00	107.41 2.82 0.00	58.42 1.55 0.00	52.67 1.33 0.00	53.19 1.30 0.00	54.25 1.26 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.88 -1.60 0.00	23.33 -1.47 0.00	25.86 -1.71 0.00	23.47 -1.78 0.00	24.35 -1.51 0.00	26.19 -1.12 0.00	43.54 -2.08 0.00	56.10 -3.01 0.00	38.42 -1.59 0.00	25.64 -0.88 0.00	33.12 -0.68 0.00	40.88 -0.01 0.00	40.00 -0.59 0.00	40.55 -0.68 0.00	36.89 -1.10 0.00	36.00 -1.66 0.00	34.99 -2.67 1.35	67.43 -4.77 0.67	260.20 -15.10 0.00	99.31 -5.27 0.00	52.42 -3.48 0.97	48.45 -2.88 0.00	49.67 -2.22 0.00	51.46 -1.53 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.01 1.53 0.00	25.98 1.17 0.00	28.80 1.23 0.00	26.41 1.16 0.00	26.97 1.12 0.00	28.52 1.22 0.00	48.06 2.44 0.00	62.22 3.12 0.00	42.10 2.09 0.00	27.92 1.40 0.00	35.73 1.94 0.00	43.33 2.44 0.00	43.14 2.55 0.00	43.73 2.50 0.00	40.39 2.40 0.00	40.01 2.35 0.00	41.49 2.48 0.00	77.21 4.34 0.00	290.93 15.63 0.00	110.33 5.74 0.00	59.92 3.05 0.00	53.97 2.63 0.00	54.56 2.67 0.00	55.26 2.27 0.00
PEEKSKILL___ 23653	31.86 1.37 0.00	25.83 1.02 0.00	28.62 1.05 0.00	26.23 0.98 0.00	26.80 0.94 0.00	28.33 1.02 0.00	47.73 2.11 0.00	61.70 2.60 0.00	41.70 1.69 0.00	27.68 1.15 0.00	35.48 1.68 0.00	43.06 2.17 0.00	42.89 2.31 0.00	43.46 2.23 0.00	40.12 2.14 0.00	39.72 2.06 0.00	41.19 2.18 0.00	76.60 3.73 0.00	288.46 13.16 0.00	109.37 4.78 0.00	59.39 2.51 0.00	53.47 2.14 0.00	54.11 2.22 0.00	54.82 1.83 0.00
PGE MADISON___WINDPWR 24146	31.35 0.87 0.00	25.37 0.56 0.00	28.30 0.74 0.00	25.96 0.71 0.00	26.64 0.78 0.00	28.33 1.02 0.00	48.05 2.43 0.00	62.49 3.39 0.00	41.84 1.84 0.00	27.38 0.85 0.00	34.73 0.94 0.00	42.39 1.51 0.00	41.80 1.21 0.00	42.83 1.61 0.00	39.48 1.50 0.00	39.50 1.84 0.00	41.41 2.17 -0.23	78.61 4.78 -0.96	295.85 20.54 0.00	111.89 7.30 0.00	61.64 3.38 -1.39	54.18 2.85 0.00	54.54 2.65 0.00	55.75 2.76 0.00

PIERCEFIELD___HYD 23852	31.30 0.82 0.00	25.47 0.66 0.00	28.16 0.59 0.00	25.76 0.51 0.00	26.53 0.68 0.00	27.94 0.63 0.00	46.50 0.88 0.00	60.59 1.48 0.00	40.87 0.87 0.00	27.06 0.53 0.00	34.49 0.70 0.00	41.70 0.81 0.00	41.42 0.83 0.00	41.97 0.74 0.00	38.65 0.67 0.00	38.48 0.82 0.00	39.47 0.45 0.00	73.42 0.54 0.00	280.35 5.04 0.00	107.50 2.91 0.00	58.80 1.92 0.00	53.18 1.85 0.00	53.75 1.87 0.00	55.08 2.10 0.00
PINELAWN_CC_1 323563	32.02 1.54 0.00	25.95 1.14 0.00	28.78 1.21 0.00	26.36 1.11 0.00	26.79 0.94 0.00	27.57 0.90 0.65	46.10 1.97 1.49	59.64 2.61 2.07	40.30 1.54 1.25	28.05 1.17 -0.36	35.73 1.94 0.00	41.14 2.17 1.91	40.39 2.36 2.56	41.08 2.08 2.22	38.98 2.04 1.04	39.35 1.84 0.14	40.21 1.88 0.69	73.61 2.72 1.98	191.44 6.65 90.51	109.86 3.40 -1.87	57.33 1.97 1.52	51.86 1.89 1.37	52.60 2.10 1.38	53.77 1.37 0.59
PJM_GEN_HTTP_PROXY 323702	32.02 1.54 0.00	25.97 1.16 0.00	28.77 1.20 0.00	26.37 1.13 0.00	26.93 1.08 0.00	28.47 1.16 0.00	47.98 2.36 0.00	62.09 2.98 0.00	41.96 1.95 0.00	27.87 1.35 0.00	35.76 1.97 0.00	43.22 2.52 0.19	43.23 2.64 0.00	43.78 2.55 0.00	40.42 2.43 0.00	39.99 2.34 0.00	41.46 2.45 0.00	77.00 4.13 0.00	239.88 14.31 49.74	113.34 5.29 -3.46	56.52 2.83 3.20	53.78 2.44 0.00	54.46 2.57 0.00	55.11 2.13 0.00
PJM_GEN_KEystone 24065	30.52 0.04 0.00	24.68 -0.12 0.00	27.40 -0.16 0.00	25.04 -0.21 0.00	25.72 -0.13 0.00	27.33 0.02 0.00	45.79 0.17 0.00	59.04 -0.07 0.00	40.00 0.00 0.00	26.57 0.05 0.00	35.17 0.44 -0.94	41.69 0.99 0.19	41.37 0.79 0.00	41.96 0.73 0.00	38.52 0.53 0.00	37.95 0.29 0.00	38.65 -0.05 0.32	72.32 -0.20 0.35	246.58 -0.16 28.56	115.83 0.04 -11.20	52.18 -0.40 4.29	50.98 -0.35 0.00	52.08 0.01 -0.18	53.04 0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.78 1.30 0.00	25.78 0.97 0.00	28.57 1.01 0.00	26.18 0.93 0.00	26.63 0.78 0.00	28.07 0.76 0.00	47.32 1.71 0.00	61.26 2.16 0.00	41.29 1.29 0.00	28.23 1.01 -0.70	35.47 1.68 0.00	42.67 1.98 0.19	42.77 2.19 0.00	43.15 1.93 0.00	40.07 2.09 -0.01	39.58 1.92 0.00	41.00 1.99 0.00	76.10 3.22 0.00	130.85 9.15 153.61	115.99 4.14 -7.26	55.97 2.29 3.19	53.26 1.93 0.00	53.70 1.81 0.00	54.11 1.13 0.00
PJM_GEN_VFT_PROXY 323633	31.95 1.47 0.00	25.91 1.10 0.00	28.70 1.13 0.00	26.30 1.05 0.00	26.87 1.02 0.00	28.41 1.10 0.00	47.89 2.28 0.00	61.94 2.83 0.00	41.86 1.86 0.00	27.81 1.28 0.00	35.65 1.86 0.00	43.11 2.41 0.19	43.13 2.55 0.00	43.67 2.44 0.00	40.34 2.35 0.00	39.90 2.24 0.00	41.38 2.37 0.00	76.82 3.94 0.00	239.40 13.83 49.74	113.17 5.12 -3.46	56.40 2.72 3.20	53.63 2.29 0.00	54.34 2.45 0.00	54.98 1.99 0.00
PLATSBURG_115KV_PMLD1 355749	31.08 0.59 0.00	25.23 0.42 0.00	27.84 0.27 0.00	25.49 0.24 0.00	26.25 0.39 0.00	27.76 0.45 0.00	45.31 -0.31 0.00	58.97 -0.14 0.00	40.01 0.00 0.00	26.69 0.17 0.00	33.80 0.01 0.00	40.61 -0.27 0.00	40.68 0.09 0.00	41.59 0.37 0.00	38.43 0.45 0.00	38.50 0.84 0.00	39.12 0.11 0.00	71.78 -1.09 0.00	274.23 -1.08 0.00	105.73 1.14 0.00	57.46 0.59 0.00	51.85 0.52 0.00	52.93 1.04 0.00	54.37 1.39 0.00
PLEASANTVLY___LBMP 24000	31.53 1.05 0.00	25.63 0.82 0.00	28.43 0.86 0.00	26.08 0.83 0.00	26.61 0.76 0.00	28.11 0.80 0.00	47.26 1.64 0.00	61.11 2.01 0.00	41.34 1.33 0.00	27.44 0.91 0.00	35.09 1.30 0.00	42.50 1.61 0.00	42.32 1.73 0.00	42.91 1.68 0.00	39.62 1.64 0.00	39.25 1.59 0.00	40.73 1.72 0.00	75.77 2.90 0.00	285.31 10.01 0.00	108.14 3.55 0.00	58.78 1.90 0.00	53.01 1.68 0.00	53.62 1.74 0.00	54.38 1.39 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.85 1.37 0.00	25.85 1.04 0.00	28.66 1.09 0.00	26.28 1.03 0.00	26.82 0.97 0.00	28.35 1.04 0.00	47.74 2.12 0.00	61.75 2.64 0.00	41.75 1.75 0.00	27.74 1.21 0.00	35.52 1.73 0.00	43.08 2.19 0.00	42.89 2.30 0.00	43.47 2.25 0.00	40.15 2.16 0.00	39.74 2.08 0.00	41.22 2.20 0.00	76.63 3.76 0.00	288.47 13.16 0.00	109.39 4.80 0.00	59.43 2.56 0.00	53.54 2.21 0.00	54.19 2.30 0.00	54.89 1.90 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	31.85 1.37 0.00	25.85 1.04 0.00	28.66 1.09 0.00	26.28 1.03 0.00	26.82 0.97 0.00	28.35 1.04 0.00	47.74 2.12 0.00	61.75 2.64 0.00	41.75 1.75 0.00	27.74 1.21 0.00	35.52 1.73 0.00	43.08 2.19 0.00	42.89 2.30 0.00	43.47 2.25 0.00	40.15 2.16 0.00	39.74 2.08 0.00	41.22 2.20 0.00	76.63 3.76 0.00	288.47 13.16 0.00	109.39 4.80 0.00	59.43 2.56 0.00	53.54 2.21 0.00	54.19 2.30 0.00	54.89 1.90 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.72 1.24 0.00	25.78 0.97 0.00	28.59 1.02 0.00	26.23 0.98 0.00	26.78 0.92 0.00	28.29 0.98 0.00	47.60 1.98 0.00	61.58 2.48 0.00	41.66 1.66 0.00	27.63 1.11 0.00	35.31 1.52 0.00	42.78 1.89 0.00	42.60 2.01 0.00	43.20 1.98 0.00	39.89 1.91 0.00	39.53 1.87 0.00	41.03 2.02 0.00	76.41 3.54 0.00	287.87 12.56 0.00	109.11 4.52 0.00	59.29 2.42 0.00	53.46 2.13 0.00	54.05 2.16 0.00	54.79 1.80 0.00
POLETTI_____ 23519	31.68 1.20 0.00	25.72 0.91 0.01	28.49 0.92 0.01	26.10 0.86 0.01	26.65 0.81 0.01	28.16 0.86 0.01	47.53 1.91 0.00	61.56 2.46 0.00	41.58 1.58 0.00	27.68 1.16 0.00	35.59 1.80 0.00	43.15 2.26 0.00	42.95 2.36 0.00	43.49 2.26 0.00	40.19 2.21 0.00	39.77 2.11 0.00	41.23 2.22 0.00	76.48 3.60 0.00	287.57 12.26 0.00	108.99 4.40 0.00	59.22 2.35 0.01	53.41 2.08 0.00	54.08 2.20 0.00	54.66 1.68 0.01
POMONA___ESR 323819	31.89 1.40 0.00	25.85 1.04 0.00	28.64 1.08 0.00	26.26 1.01 0.00	26.84 0.98 0.00	28.38 1.07 0.00	47.84 2.23 0.00	61.82 2.71 0.00	41.76 1.76 0.00	27.72 1.20 0.00	35.53 1.75 0.00	43.16 2.27 0.00	42.99 2.40 0.00	43.57 2.34 0.00	40.22 2.24 0.00	39.79 2.14 0.00	41.27 2.25 0.00	76.77 3.89 0.00	289.39 14.08 0.00	109.71 5.13 0.00	59.52 2.65 0.00	53.55 2.22 0.00	54.19 2.30 0.00	54.92 1.93 0.00
PORT_JEFF_3 23555	32.00 1.52 0.00	25.90 1.09 0.00	28.75 1.18 0.00	26.35 1.10 0.00	26.75 0.89 0.00	24.39 0.82 3.74	38.69 1.70 8.63	49.35 2.21 11.96	34.00 1.19 7.19	25.44 0.99 2.08	35.49 1.70 0.00	-1.08 1.68 43.65	-15.75 1.98 58.32	-7.86 1.67 50.76	13.84 1.89 26.03	34.54 1.72 4.84	37.06 2.02 3.97	64.83 3.39 11.44	153.36 7.04 128.98	96.99 4.30 11.90	50.69 2.59 8.77	45.55 2.12 7.90	45.57 1.66 7.98	50.37 0.77 3.39
PORT_JEFF_4 23616	32.00 1.52 0.00	25.90 1.09 0.00	28.75 1.18 0.00	26.35 1.10 0.00	26.75 0.89 0.00	24.39 0.82 3.74	38.69 1.70 8.63	49.35 2.21 11.96	34.00 1.19 7.19	25.44 0.99 2.08	35.49 1.70 0.00	-1.08 1.68 43.65	-15.75 1.98 58.32	-7.86 1.67 50.76	13.84 1.89 26.03	34.54 1.72 4.84	37.06 2.02 3.97	64.83 3.39 11.44	153.36 7.04 128.98	96.99 4.30 11.90	50.69 2.59 8.77	45.55 2.12 7.90	45.57 1.66 7.98	50.37 0.77 3.39

PORT_JEFF_IC 23713	32.03 1.55 0.00	25.91 1.10 0.00	28.77 1.20 0.00	26.37 1.12 0.00	26.76 0.91 0.00	25.06 0.82 3.07	40.27 1.74 7.09	51.52 2.25 9.83	35.23 1.14 5.91	25.92 0.96 1.57	35.52 1.73 0.00	-3.39 1.71 45.99	-18.86 2.00 61.45	-10.57 1.69 53.49	12.46 1.91 27.43	34.35 1.79 5.10	37.80 2.05 3.26	66.94 3.46 9.40	159.70 6.92 122.53	99.81 4.25 9.02	52.32 2.65 7.20	47.00 2.16 6.49	47.04 1.71 6.56	51.03 0.83 2.78
PPL PILGRIM_ST_GT1 24216	32.16 1.68 0.00	26.07 1.26 0.00	28.92 1.35 0.00	26.47 1.22 0.00	26.89 1.04 0.00	24.99 0.94 3.26	40.12 2.05 7.55	51.33 2.68 10.46	35.31 1.59 6.29	26.03 1.20 1.69	35.88 2.08 0.00	39.34 2.47 4.02	37.92 2.70 5.37	38.94 2.39 4.67	38.21 2.57 2.34	39.62 2.37 0.41	37.90 2.36 3.47	66.77 3.90 10.00	163.22 9.03 121.12	99.35 4.51 9.75	52.08 2.87 7.67	46.78 2.36 6.91	47.02 2.12 6.98	51.43 1.41 2.96
PPL PILGRIM_ST_GT2 24217	32.16 1.68 0.00	26.07 1.26 0.00	28.92 1.35 0.00	26.47 1.22 0.00	26.89 1.04 0.00	24.99 0.94 3.26	40.12 2.05 7.55	51.33 2.68 10.46	35.31 1.59 6.29	26.03 1.20 1.69	35.88 2.08 0.00	39.34 2.47 4.02	37.92 2.70 5.37	38.94 2.39 4.67	38.21 2.57 2.34	39.62 2.37 0.41	37.90 2.36 3.47	66.77 3.90 10.00	163.22 9.03 121.12	99.35 4.51 9.75	52.08 2.87 7.67	46.78 2.36 6.91	47.02 2.12 6.98	51.43 1.41 2.96
PPL_SHRM_GT3 24213	32.04 1.56 0.00	25.89 1.08 0.00	28.77 1.20 0.00	26.39 1.14 0.00	26.76 0.91 0.00	24.59 0.83 3.55	39.08 1.67 8.21	49.93 2.20 11.38	34.38 1.23 6.84	25.62 1.03 1.94	35.45 1.65 0.00	-1.11 1.35 43.35	-15.67 1.66 57.92	-7.84 1.35 50.42	13.81 1.68 25.85	34.39 1.53 4.80	37.28 2.04 3.78	65.42 3.43 10.88	153.80 5.56 127.07	98.15 4.67 11.11	51.25 2.72 8.34	46.01 2.20 7.52	45.69 1.39 7.60	49.96 0.20 3.22
PPL_SHRM_GT4 24214	32.04 1.56 0.00	25.89 1.08 0.00	28.77 1.20 0.00	26.39 1.14 0.00	26.76 0.91 0.00	24.59 0.83 3.55	39.08 1.67 8.21	49.93 2.20 11.38	34.38 1.23 6.84	25.62 1.03 1.94	35.45 1.65 0.00	-1.11 1.35 43.35	-15.67 1.66 57.92	-7.84 1.35 50.42	13.81 1.68 25.85	34.39 1.53 4.80	37.28 2.04 3.78	65.42 3.43 10.88	153.80 5.56 127.07	98.15 4.67 11.11	51.25 2.72 8.34	46.01 2.20 7.52	45.69 1.39 7.60	49.96 0.20 3.22
PROJECT___ORANGE 1 24174	29.97 -0.51 0.00	24.36 -0.45 0.00	27.08 -0.48 0.00	24.82 -0.43 0.00	25.43 -0.43 0.00	26.89 -0.42 0.00	44.99 -0.63 0.00	58.28 -0.83 0.00	39.43 -0.57 0.00	26.12 -0.40 0.00	33.37 -0.42 0.00	40.55 -0.34 0.00	40.19 -0.40 0.00	40.80 -0.42 0.00	37.56 -0.42 0.00	37.17 -0.49 0.00	38.45 -0.57 0.00	71.78 -1.10 0.00	271.02 -4.29 0.00	103.04 -1.55 0.00	55.88 -1.00 0.00	50.43 -0.91 0.00	50.93 -0.96 0.00	52.02 -0.96 0.00
PROJECT___ORANGE 2 24166	29.97 -0.51 0.00	24.36 -0.45 0.00	27.08 -0.48 0.00	24.82 -0.43 0.00	25.43 -0.43 0.00	26.89 -0.42 0.00	44.99 -0.63 0.00	58.28 -0.83 0.00	39.43 -0.57 0.00	26.12 -0.40 0.00	33.37 -0.42 0.00	40.55 -0.34 0.00	40.19 -0.40 0.00	40.80 -0.42 0.00	37.56 -0.42 0.00	37.17 -0.49 0.00	38.45 -0.57 0.00	71.78 -1.10 0.00	271.02 -4.29 0.00	103.04 -1.55 0.00	55.88 -1.00 0.00	50.43 -0.91 0.00	50.93 -0.96 0.00	52.02 -0.96 0.00
PUCKETT___SOLAR 323809	30.55 0.06 0.00	24.73 -0.08 0.00	27.55 -0.01 0.00	25.26 0.00 0.00	25.90 0.05 0.00	27.47 0.16 0.00	46.21 0.59 0.00	59.90 0.79 0.00	40.39 0.39 0.00	26.66 0.14 0.00	34.04 0.25 0.00	41.49 0.60 0.00	40.90 0.31 0.00	41.62 0.40 0.00	38.33 0.35 0.00	37.95 0.29 0.00	39.30 0.28 0.00	73.66 0.78 0.00	278.82 3.51 0.00	106.02 1.43 0.00	57.27 0.40 0.00	51.73 0.39 0.00	52.32 0.43 0.00	53.57 0.58 0.00
PYRITES___HYD 24023	31.72 1.24 0.00	25.83 1.02 0.00	28.54 0.97 0.00	26.13 0.88 0.00	26.91 1.06 0.00	28.35 1.05 0.00	47.29 1.67 0.00	61.64 2.53 0.00	41.56 1.56 0.00	27.51 0.99 0.00	34.95 1.16 0.00	42.20 1.31 0.00	41.89 1.30 0.00	42.45 1.23 0.00	39.04 1.06 0.00	38.77 1.11 0.00	39.92 0.90 0.00	74.52 1.64 0.00	285.70 10.39 0.00	109.52 4.93 0.00	59.79 2.91 0.00	53.96 2.63 0.00	54.51 2.63 0.00	55.81 2.83 0.00
QUAKERRD_115KV_BK1 80622	29.14 -1.35 0.00	23.65 -1.16 0.00	26.25 -1.32 0.00	23.96 -1.29 0.00	24.68 -1.18 0.00	26.28 -1.03 0.00	43.90 -1.72 0.00	56.81 -2.29 0.00	38.66 -1.34 0.00	25.67 -0.85 0.00	32.89 -0.90 0.00	40.15 -0.74 0.00	39.63 -0.96 0.00	40.19 -1.04 0.00	36.84 -1.15 0.00	36.27 -1.38 0.00	37.18 -1.83 0.00	69.25 -3.32 0.31	264.07 -11.24 0.00	100.64 -3.94 0.00	53.94 -2.49 0.44	49.15 -2.19 0.00	49.79 -2.10 0.00	51.08 -1.91 0.00
QUENSBRY_115KV_TB8 356137	31.93 1.44 0.00	25.94 1.13 0.00	28.81 1.24 0.00	26.43 1.18 0.00	27.05 1.19 0.00	28.57 1.26 0.00	48.03 2.41 0.00	61.74 2.63 0.00	41.55 1.55 0.00	27.33 0.81 0.00	34.58 0.79 0.00	41.91 1.02 0.00	41.89 1.30 0.00	42.66 1.44 0.00	39.32 1.33 0.00	39.26 1.60 0.00	40.98 1.97 0.00	76.49 3.62 0.00	290.60 15.29 0.00	109.12 4.53 0.00	59.42 2.55 0.00	53.39 2.05 0.00	53.63 1.74 0.00	54.86 1.88 0.00
RAMAPO___LBMP 323565	31.76 1.28 0.00	25.76 0.95 0.00	28.54 0.97 0.00	26.17 0.92 0.00	26.74 0.89 0.00	28.27 0.97 0.00	47.64 2.02 0.00	61.55 2.45 0.00	41.58 1.57 0.00	27.59 1.06 0.00	35.36 1.57 0.00	42.95 2.06 0.00	42.77 2.19 0.00	43.35 2.12 0.00	40.00 2.02 0.00	39.59 1.94 0.00	41.07 2.06 0.00	76.40 3.52 0.00	288.01 12.70 0.00	109.19 4.60 0.00	59.24 2.36 0.00	53.30 1.96 0.00	53.95 2.07 0.00	54.69 1.70 0.00
RANKINE____ 23646	28.83 -1.65 0.00	23.29 -1.52 0.00	25.80 -1.77 0.00	23.40 -1.85 0.00	24.30 -1.56 0.00	26.17 -1.13 0.00	43.49 -2.13 0.00	55.98 -3.13 0.00	38.39 -1.61 0.00	25.64 -0.89 0.00	33.07 -0.72 0.00	40.87 -0.02 0.00	39.98 -0.61 0.00	40.52 -0.71 0.00	36.87 -1.11 0.00	35.97 -1.69 0.00	34.79 -2.74 1.49	67.32 -4.89 0.66	259.98 -15.33 0.00	99.31 -5.28 0.00	52.38 -3.54 0.95	48.41 -2.92 0.00	49.67 -2.22 0.00	51.58 -1.41 0.00
RAVENSWOOD_GT2_1 24244	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.40 1.15 0.00	26.96 1.10 0.00	28.50 1.19 0.00	48.01 2.39 0.00	62.11 3.01 0.00	41.99 1.99 0.00	27.90 1.37 0.00	35.76 1.97 0.00	43.42 2.53 0.00	43.24 2.65 0.00	43.79 2.57 0.00	40.45 2.46 0.00	40.01 2.35 0.00	41.49 2.47 0.00	77.00 4.13 0.00	289.73 14.42 0.00	109.96 5.37 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.16 2.18 0.00
RAVENSWOOD_GT2_2 24245	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.40 1.15 0.00	26.96 1.10 0.00	28.50 1.19 0.00	48.01 2.39 0.00	62.11 3.01 0.00	41.99 1.99 0.00	27.90 1.37 0.00	35.76 1.97 0.00	43.42 2.53 0.00	43.24 2.65 0.00	43.79 2.57 0.00	40.45 2.46 0.00	40.01 2.35 0.00	41.49 2.47 0.00	77.00 4.13 0.00	289.73 14.42 0.00	109.96 5.37 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.16 2.18 0.00

RAVENSWOOD_GT2_3 24246	32.06 1.58 0.00	26.01 1.19 0.00	28.81 1.23 0.00	26.41 1.16 0.00	26.96 1.11 0.00	28.50 1.20 0.00	48.02 2.40 0.00	62.13 3.03 0.00	42.01 2.00 0.00	27.91 1.39 0.00	35.78 1.99 0.00	43.44 2.55 0.00	43.25 2.66 0.00	43.80 2.58 0.00	40.45 2.47 0.00	40.03 2.37 0.00	41.50 2.49 0.00	77.05 4.18 0.00	289.90 14.59 0.00	109.99 5.40 0.00	59.78 2.90 0.00	53.84 2.51 0.00	54.54 2.65 0.00	55.19 2.20 0.00
RAVENSWOOD_GT2_4 24247	32.06 1.58 0.00	26.01 1.19 0.00	28.81 1.23 0.00	26.41 1.16 0.00	26.96 1.11 0.00	28.50 1.20 0.00	48.02 2.40 0.00	62.13 3.03 0.00	42.01 2.00 0.00	27.91 1.39 0.00	35.78 1.99 0.00	43.44 2.55 0.00	43.25 2.66 0.00	43.80 2.58 0.00	40.45 2.47 0.00	40.03 2.37 0.00	41.50 2.49 0.00	77.05 4.18 0.00	289.90 14.59 0.00	109.99 5.40 0.00	59.78 2.90 0.00	53.84 2.51 0.00	54.54 2.65 0.00	55.19 2.20 0.00
RAVENSWOOD_GT3_1 24248	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.40 1.15 0.00	26.96 1.10 0.00	28.50 1.19 0.00	48.01 2.39 0.00	62.11 3.01 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.76 1.97 0.00	43.42 2.53 0.00	43.24 2.65 0.00	43.79 2.57 0.00	40.45 2.46 0.00	40.01 2.35 0.00	41.49 2.48 0.00	77.02 4.14 0.00	289.76 14.45 0.00	109.96 5.37 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.16 2.18 0.00
RAVENSWOOD_GT3_2 24249	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.40 1.15 0.00	26.96 1.10 0.00	28.50 1.19 0.00	48.01 2.39 0.00	62.11 3.01 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.76 1.97 0.00	43.42 2.53 0.00	43.24 2.65 0.00	43.79 2.57 0.00	40.45 2.46 0.00	40.01 2.35 0.00	41.49 2.48 0.00	77.02 4.14 0.00	289.76 14.45 0.00	109.96 5.37 0.00	59.76 2.89 0.00	53.81 2.47 0.00	54.50 2.62 0.00	55.16 2.18 0.00
RAVENSWOOD_GT3_3 24250	32.09 1.61 0.00	26.03 1.22 0.00	28.83 1.26 0.00	26.43 1.18 0.00	26.99 1.13 0.00	28.53 1.22 0.00	48.07 2.45 0.00	62.20 3.09 0.00	42.06 2.05 0.00	27.95 1.42 0.00	35.83 2.03 0.00	43.49 2.60 0.00	43.30 2.71 0.00	43.87 2.64 0.00	40.50 2.52 0.00	40.07 2.41 0.00	41.54 2.53 0.00	77.15 4.28 0.00	290.22 14.91 0.00	110.14 5.55 0.00	59.84 2.97 0.00	53.90 2.56 0.00	54.59 2.70 0.00	55.24 2.26 0.00
RAVENSWOOD_GT3_4 24251	32.09 1.61 0.00	26.03 1.22 0.00	28.83 1.26 0.00	26.43 1.18 0.00	26.99 1.13 0.00	28.53 1.22 0.00	48.07 2.45 0.00	62.20 3.09 0.00	42.06 2.05 0.00	27.95 1.42 0.00	35.83 2.03 0.00	43.49 2.60 0.00	43.30 2.71 0.00	43.87 2.64 0.00	40.50 2.52 0.00	40.07 2.41 0.00	41.54 2.53 0.00	77.15 4.28 0.00	290.22 14.91 0.00	110.14 5.55 0.00	59.84 2.97 0.00	53.90 2.56 0.00	54.59 2.70 0.00	55.24 2.26 0.00
RAVENSWOOD_GT_1 23729	32.14 1.66 0.00	26.07 1.26 0.00	28.88 1.31 0.00	26.47 1.22 0.00	27.03 1.17 0.00	28.56 1.25 0.00	48.10 2.48 0.00	62.26 3.15 0.00	42.10 2.10 0.00	28.00 1.48 0.00	35.90 2.11 0.00	43.60 2.71 0.00	43.40 2.81 0.00	43.96 2.73 0.00	40.60 2.61 0.00	40.15 2.49 0.00	41.62 2.60 0.00	77.19 4.32 0.00	290.33 15.02 0.00	110.23 5.64 0.00	59.91 3.03 0.00	53.96 2.63 0.00	54.67 2.78 0.00	55.29 2.30 0.00
RAVENSWOOD_GT_10 24258	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.40 1.15 0.00	26.96 1.10 0.00	28.50 1.19 0.00	48.01 2.39 0.00	62.12 3.01 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.76 1.97 0.00	43.42 2.53 0.00	43.23 2.64 0.00	43.79 2.57 0.00	40.44 2.46 0.00	40.01 2.35 0.00	41.49 2.48 0.00	77.02 4.14 0.00	289.79 14.48 0.00	109.98 5.39 0.00	59.76 2.89 0.00	53.81 2.48 0.00	54.50 2.62 0.00	55.17 2.18 0.00
RAVENSWOOD_GT_11 24259	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.40 1.15 0.00	26.96 1.10 0.00	28.50 1.19 0.00	48.01 2.39 0.00	62.12 3.01 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.76 1.97 0.00	43.42 2.53 0.00	43.23 2.64 0.00	43.79 2.57 0.00	40.44 2.46 0.00	40.01 2.35 0.00	41.49 2.48 0.00	77.02 4.14 0.00	289.79 14.48 0.00	109.98 5.39 0.00	59.76 2.89 0.00	53.81 2.48 0.00	54.50 2.62 0.00	55.17 2.18 0.00
RAVENSWOOD_GT_4 24252	32.05 1.57 0.00	26.00 1.19 0.00	28.80 1.23 0.00	26.40 1.15 0.00	26.96 1.11 0.00	28.49 1.18 0.00	47.97 2.35 0.00	62.09 2.98 0.00	41.98 1.97 0.00	27.90 1.37 0.00	35.78 1.99 0.00	43.44 2.55 0.00	43.25 2.66 0.00	43.80 2.57 0.00	40.45 2.47 0.00	40.02 2.36 0.00	41.50 2.48 0.00	77.00 4.13 0.00	289.65 14.34 0.00	109.96 5.37 0.00	59.76 2.88 0.00	53.81 2.47 0.00	54.51 2.63 0.00	55.16 2.17 0.00
RAVENSWOOD_GT_5 24254	32.05 1.57 0.00	26.00 1.19 0.00	28.80 1.23 0.00	26.40 1.15 0.00	26.96 1.11 0.00	28.49 1.18 0.00	47.97 2.35 0.00	62.09 2.98 0.00	41.98 1.97 0.00	27.90 1.37 0.00	35.78 1.99 0.00	43.44 2.55 0.00	43.25 2.66 0.00	43.80 2.57 0.00	40.45 2.47 0.00	40.02 2.36 0.00	41.50 2.48 0.00	77.00 4.13 0.00	289.65 14.34 0.00	109.96 5.37 0.00	59.76 2.88 0.00	53.81 2.47 0.00	54.51 2.63 0.00	55.16 2.17 0.00
RAVENSWOOD_GT_6 24253	32.05 1.57 0.00	26.00 1.19 0.00	28.80 1.23 0.00	26.40 1.15 0.00	26.96 1.11 0.00	28.49 1.18 0.00	47.97 2.35 0.00	62.09 2.98 0.00	41.98 1.97 0.00	27.90 1.37 0.00	35.78 1.99 0.00	43.44 2.55 0.00	43.25 2.66 0.00	43.80 2.57 0.00	40.45 2.47 0.00	40.02 2.36 0.00	41.50 2.48 0.00	77.00 4.13 0.00	289.65 14.34 0.00	109.96 5.37 0.00	59.76 2.88 0.00	53.81 2.47 0.00	54.51 2.63 0.00	55.16 2.17 0.00
RAVENSWOOD_GT_7 24255	32.05 1.57 0.00	26.00 1.19 0.00	28.80 1.23 0.00	26.40 1.15 0.00	26.96 1.11 0.00	28.49 1.18 0.00	47.97 2.35 0.00	62.09 2.98 0.00	41.98 1.97 0.00	27.90 1.37 0.00	35.78 1.99 0.00	43.44 2.55 0.00	43.25 2.66 0.00	43.80 2.57 0.00	40.45 2.47 0.00	40.02 2.36 0.00	41.50 2.48 0.00	77.00 4.13 0.00	289.65 14.34 0.00	109.96 5.37 0.00	59.76 2.88 0.00	53.81 2.47 0.00	54.51 2.63 0.00	55.16 2.17 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.40 1.15 0.00	26.96 1.10 0.00	28.50 1.19 0.00	48.01 2.39 0.00	62.12 3.01 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.76 1.97 0.00	43.42 2.53 0.00	43.23 2.64 0.00	43.79 2.57 0.00	40.44 2.46 0.00	40.01 2.35 0.00	41.49 2.48 0.00	77.02 4.14 0.00	289.79 14.48 0.00	109.98 5.39 0.00	59.76 2.89 0.00	53.81 2.48 0.00	54.50 2.62 0.00	55.17 2.18 0.00
RAVENSWOOD_GT_9 24257	32.05 1.57 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.40 1.15 0.00	26.96 1.10 0.00	28.50 1.19 0.00	48.01 2.39 0.00	62.12 3.01 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.76 1.97 0.00	43.42 2.53 0.00	43.23 2.64 0.00	43.79 2.57 0.00	40.44 2.46 0.00	40.01 2.35 0.00	41.49 2.48 0.00	77.02 4.14 0.00	289.79 14.48 0.00	109.98 5.39 0.00	59.76 2.89 0.00	53.81 2.48 0.00	54.50 2.62 0.00	55.17 2.18 0.00

RAVENSWOOD___1 23533	32.08 1.60 0.00	26.02 1.21 0.00	28.82 1.26 0.00	26.42 1.18 0.00	26.99 1.13 0.00	28.51 1.20 0.00	48.01 2.39 0.00	62.12 3.02 0.00	42.01 2.01 0.00	27.94 1.41 0.00	35.82 2.03 0.00	43.52 2.63 0.00	43.34 2.75 0.00	43.87 2.65 0.00	40.52 2.54 0.00	40.08 2.42 0.00	41.55 2.54 0.00	77.04 4.17 0.00	289.82 14.52 0.00	110.02 5.43 0.00	59.79 2.92 0.00	53.87 2.53 0.00	54.58 2.69 0.00	55.19 2.20 0.00
RAVENSWOOD___2 23534	32.04 1.55 0.00	26.00 1.18 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.94 1.09 0.00	28.40 1.09 0.00	47.68 2.06 0.00	61.68 2.57 0.00	41.71 1.71 0.00	27.76 1.24 0.00	35.71 1.92 0.00	43.45 2.56 0.00	43.27 2.69 0.00	43.80 2.58 0.00	40.47 2.49 0.00	40.02 2.36 0.00	41.49 2.48 0.00	76.70 3.83 0.00	288.13 12.82 0.00	109.44 4.85 0.00	59.49 2.62 0.00	53.57 2.23 0.00	54.29 2.40 0.00	54.86 1.87 0.00
RAVENSWOOD___3 23535	32.05 1.57 0.00	26.00 1.18 0.00	28.80 1.23 0.00	26.40 1.15 0.00	26.96 1.10 0.00	28.50 1.19 0.00	48.01 2.39 0.00	62.12 3.01 0.00	42.00 2.00 0.00	27.90 1.37 0.00	35.76 1.97 0.00	43.42 2.53 0.00	43.25 2.66 0.00	43.79 2.57 0.00	40.45 2.46 0.00	40.01 2.35 0.00	41.49 2.48 0.00	77.02 4.14 0.00	289.80 14.49 0.00	109.98 5.39 0.00	59.76 2.89 0.00	53.82 2.48 0.00	54.50 2.62 0.00	55.17 2.19 0.00
RAVENSWOOD___4 23820	32.08 1.60 0.00	26.02 1.21 0.00	28.82 1.26 0.00	26.42 1.18 0.00	26.99 1.13 0.00	28.51 1.20 0.00	48.01 2.39 0.00	62.12 3.02 0.00	42.01 2.01 0.00	27.94 1.41 0.00	35.82 2.03 0.00	43.52 2.63 0.00	43.34 2.75 0.00	43.87 2.65 0.00	40.52 2.54 0.00	40.08 2.42 0.00	41.55 2.54 0.00	77.04 4.17 0.00	289.82 14.52 0.00	110.02 5.43 0.00	59.79 2.92 0.00	53.87 2.53 0.00	54.58 2.69 0.00	55.19 2.20 0.00
RCPL_TRUST___DRP 24196	32.04 1.56 0.00	25.99 1.17 0.00	28.79 1.22 0.00	26.39 1.14 0.00	26.95 1.10 0.00	28.49 1.18 0.00	48.02 2.40 0.00	62.13 3.03 0.00	42.00 1.99 0.00	27.91 1.39 0.00	35.81 2.01 0.00	43.47 2.58 0.00	43.28 2.69 0.00	43.83 2.61 0.00	40.46 2.47 0.00	40.04 2.38 0.00	41.53 2.51 0.00	77.10 4.23 0.00	289.99 14.69 0.00	110.00 5.41 0.00	59.77 2.90 0.00	53.83 2.49 0.00	54.52 2.63 0.00	55.17 2.18 0.00
RED___ROCHESTER 323720	29.85 -0.64 0.00	24.19 -0.62 0.00	26.83 -0.73 0.00	24.48 -0.77 0.00	25.24 -0.61 0.00	26.95 -0.36 0.00	45.02 -0.60 0.00	58.28 -0.83 0.00	39.73 -0.27 0.00	26.41 -0.12 0.00	33.87 0.08 0.00	41.44 0.55 0.00	40.77 0.18 0.00	41.36 0.14 0.00	37.88 -0.10 0.00	37.23 -0.43 0.00	38.06 -0.96 0.00	70.88 -1.63 0.36	270.91 -4.40 0.00	103.30 -1.29 0.00	55.25 -1.10 0.52	50.43 -0.90 0.00	51.12 -0.76 0.00	52.51 -0.48 0.00
REGAN___SOLAR 323812	31.54 1.06 0.00	25.60 0.79 0.00	28.43 0.86 0.00	26.05 0.80 0.00	26.71 0.85 0.00	28.29 0.98 0.00	47.63 2.01 0.00	61.78 2.67 0.00	41.37 1.37 0.00	27.15 0.63 0.00	34.59 0.80 0.00	41.94 1.05 0.00	41.71 1.13 0.00	42.08 0.86 0.00	39.01 1.02 0.00	38.76 1.10 0.00	40.54 1.53 0.00	75.97 3.09 0.00	288.49 13.19 0.00	109.37 4.79 0.00	59.37 2.50 0.00	53.44 2.10 0.00	53.93 2.04 0.00	54.95 1.96 0.00
RENSSELAER___COGEN 23796	30.63 0.15 0.00	25.03 0.22 0.00	27.87 0.30 0.00	25.54 0.29 0.00	26.08 0.22 0.00	27.55 0.25 0.00	45.95 0.33 0.00	59.23 0.13 0.00	40.08 0.07 0.00	26.55 0.03 0.00	33.77 -0.02 0.00	40.46 -0.43 0.00	40.35 -0.24 0.00	41.02 -0.20 0.00	38.00 0.02 0.00	37.73 0.07 0.00	39.33 0.32 0.00	73.45 0.58 0.00	277.15 1.85 0.00	104.61 0.03 0.00	57.04 0.17 0.00	51.48 0.15 0.00	51.95 0.06 0.00	53.01 0.02 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.75 3.27 0.00	27.44 2.63 0.00	30.34 2.77 0.00	27.88 2.63 0.00	28.61 2.76 0.00	30.24 2.93 0.00	51.22 5.60 0.00	65.26 6.15 0.00	43.87 3.87 0.00	28.67 2.15 0.00	35.52 1.73 0.00	43.18 2.29 0.00	43.57 2.99 0.00	44.59 3.36 0.00	41.70 3.72 0.00	41.97 4.31 0.00	43.84 4.83 0.00	80.94 8.07 0.00	311.98 36.67 0.00	115.85 11.26 0.00	63.27 6.40 0.00	56.14 4.81 0.00	55.89 4.00 0.00	57.52 4.53 0.00
REVERE_CPPR_DRP 24186	31.16 0.68 0.00	25.32 0.51 0.00	28.11 0.55 0.00	25.81 0.56 0.00	26.55 0.70 0.00	27.99 0.68 0.00	47.40 1.78 0.00	61.38 2.28 0.00	41.19 1.18 0.00	27.15 0.62 0.00	34.74 0.94 0.00	42.02 1.13 0.00	41.60 1.01 0.00	42.28 1.06 0.00	39.01 1.03 0.00	38.91 1.25 0.00	40.44 1.42 0.00	75.97 3.09 0.00	287.01 11.70 0.00	108.82 4.23 0.00	58.92 2.04 0.00	52.90 1.57 0.00	53.32 1.43 0.00	54.54 1.55 0.00
REYNLDPA_13_KV_LD 356490	31.09 0.60 0.00	25.31 0.50 0.00	28.05 0.48 0.00	25.66 0.41 0.00	26.33 0.47 0.00	27.82 0.51 0.00	46.22 0.60 0.00	60.09 0.99 0.00	40.78 0.77 0.00	27.07 0.55 0.00	34.42 0.63 0.00	41.63 0.74 0.00	41.34 0.75 0.00	41.97 0.74 0.00	38.59 0.60 0.00	38.28 0.62 0.00	39.52 0.50 0.00	73.68 0.81 0.00	278.00 2.70 0.00	105.67 1.08 0.00	58.10 1.22 0.00	52.47 1.14 0.00	53.12 1.23 0.00	54.30 1.31 0.00
REYNOLDS_115KV_TB3 80639	30.90 0.42 0.00	25.24 0.43 0.00	28.09 0.52 0.00	25.75 0.50 0.00	26.29 0.44 0.00	27.77 0.47 0.00	46.37 0.75 0.00	59.71 0.60 0.00	40.42 0.41 0.00	26.79 0.26 0.00	34.01 0.21 0.00	40.70 -0.18 0.00	40.56 -0.03 0.00	41.27 0.04 0.00	38.19 0.20 0.00	37.95 0.29 0.00	39.62 0.60 0.00	73.99 1.11 0.00	279.30 3.99 0.00	105.30 0.72 0.00	57.46 0.59 0.00	51.86 0.53 0.00	52.32 0.43 0.00	53.45 0.46 0.00
RIVERBAY____ 323610	32.50 2.02 0.00	26.44 1.63 0.00	29.31 1.74 0.00	26.85 1.61 0.00	27.45 1.59 0.00	29.03 1.72 0.00	49.01 3.39 0.00	63.39 4.28 0.00	42.82 2.81 0.00	28.36 1.83 0.00	36.36 2.57 0.00	44.10 3.21 0.00	43.90 3.31 0.00	44.44 3.21 0.00	41.08 3.10 0.00	40.61 2.95 0.00	42.09 3.07 0.00	78.09 5.21 0.00	294.08 18.77 0.00	111.72 7.13 0.00	60.77 3.90 0.00	54.81 3.48 0.00	55.56 3.67 0.00	56.18 3.19 0.00
RIVERSDE_115KV_TB3 55908	30.70 0.22 0.00	25.09 0.28 0.00	27.92 0.35 0.00	25.59 0.34 0.00	26.13 0.27 0.00	27.61 0.30 0.00	46.05 0.43 0.00	59.34 0.24 0.00	40.15 0.15 0.00	26.61 0.08 0.00	33.83 0.04 0.00	40.52 -0.36 0.00	40.37 -0.21 0.00	41.08 -0.15 0.00	38.05 0.06 0.00	37.78 0.12 0.00	39.40 0.39 0.00	73.59 0.71 0.00	277.61 2.30 0.00	104.74 0.15 0.00	57.11 0.23 0.00	51.53 0.20 0.00	52.01 0.12 0.00	53.09 0.10 0.00
ROARING___BROOK_WT_PWR 323790	30.36 -0.12 0.00	24.70 -0.11 0.00	27.41 -0.15 0.00	25.16 -0.09 0.00	25.77 -0.08 0.00	27.19 -0.12 0.00	45.53 -0.09 0.00	58.89 -0.21 0.00	39.75 -0.26 0.00	26.39 -0.13 0.00	33.61 -0.19 0.00	40.70 -0.19 0.00	40.35 -0.24 0.00	41.03 -0.20 0.00	37.84 -0.14 0.00	37.66 0.01 0.00	39.03 0.01 0.00	72.91 0.04 0.00	275.40 0.09 0.00	104.83 0.24 0.00	56.93 0.05 0.00	51.32 -0.01 0.00	51.96 0.07 0.00	53.15 0.16 0.00

ROCHESRG_115KV_T4 355643	29.59 -0.89 0.00	24.00 -0.81 0.00	26.63 -0.93 0.00	24.30 -0.96 0.00	25.05 -0.80 0.00	26.72 -0.59 0.00	44.59 -1.03 0.00	57.67 -1.44 0.00	39.31 -0.69 0.00	26.13 -0.40 0.00	33.50 -0.28 0.00	40.98 0.09 0.00	40.37 -0.22 0.00	40.93 -0.30 0.00	37.48 -0.50 0.00	36.83 -0.83 0.00	37.47 -1.39 0.16	70.08 -2.44 0.35	267.87 -7.43 0.00	102.14 -2.44 0.00	54.64 -1.72 0.51	49.89 -1.45 0.00	50.62 -1.26 0.00	52.03 -0.96 0.00
ROCHESTER_9_IC 23652	29.74 -0.75 0.00	24.11 -0.70 0.00	26.75 -0.82 0.00	24.40 -0.85 0.00	25.16 -0.69 0.00	26.87 -0.44 0.00	44.86 -0.77 0.00	58.03 -1.07 0.00	39.56 -0.45 0.00	26.29 -0.23 0.00	33.72 -0.07 0.00	41.24 0.36 0.00	40.61 0.03 0.00	41.18 -0.05 0.00	37.71 -0.27 0.00	37.05 -0.61 0.00	37.86 -1.15 0.00	70.50 -2.01 0.36	269.58 -5.73 0.00	102.78 -1.81 0.00	54.97 -1.38 0.52	50.18 -1.15 0.00	50.90 -0.98 0.00	52.30 -0.69 0.00
ROCKVIEW_13_KV_LD 356306	32.00 1.52 0.00	25.94 1.13 0.00	28.76 1.20 0.00	26.35 1.10 0.00	26.91 1.05 0.00	28.44 1.13 0.00	47.92 2.30 0.00	62.02 2.91 0.00	41.94 1.93 0.00	27.88 1.36 0.00	35.74 1.95 0.00	43.36 2.48 0.00	43.19 2.61 0.00	43.77 2.54 0.00	40.43 2.44 0.00	40.01 2.35 0.00	41.49 2.48 0.00	77.12 4.25 0.00	290.20 14.90 0.00	110.04 5.46 0.00	59.78 2.90 0.00	53.81 2.48 0.00	54.43 2.54 0.00	55.11 2.12 0.00
ROME____115KV_TB2 80656	31.16 0.68 0.00	25.32 0.51 0.00	28.11 0.55 0.00	25.81 0.56 0.00	26.55 0.70 0.00	27.99 0.68 0.00	47.40 1.78 0.00	61.38 2.28 0.00	41.19 1.18 0.00	27.15 0.62 0.00	34.74 0.94 0.00	42.02 1.13 0.00	41.60 1.01 0.00	42.28 1.06 0.00	39.01 1.03 0.00	38.91 1.25 0.00	40.44 1.42 0.00	75.97 3.09 0.00	287.01 11.70 0.00	108.82 4.23 0.00	58.92 2.04 0.00	52.90 1.57 0.00	53.32 1.43 0.00	54.54 1.55 0.00
ROSETON___1 23587	31.57 1.09 0.00	25.64 0.83 0.00	28.45 0.88 0.00	26.08 0.83 0.00	26.64 0.78 0.00	28.14 0.83 0.00	47.32 1.70 0.00	61.15 2.04 0.00	41.36 1.36 0.00	27.46 0.93 0.00	35.12 1.33 0.00	42.58 1.69 0.00	42.40 1.82 0.00	42.98 1.76 0.00	39.69 1.71 0.00	39.31 1.65 0.00	40.78 1.76 0.00	75.82 2.95 0.00	285.49 10.19 0.00	108.20 3.62 0.00	58.82 1.94 0.00	53.05 1.71 0.00	53.70 1.81 0.00	54.45 1.46 0.00
ROSETON___2 23588	31.57 1.09 0.00	25.64 0.83 0.00	28.45 0.88 0.00	26.08 0.83 0.00	26.64 0.78 0.00	28.14 0.83 0.00	47.32 1.70 0.00	61.15 2.04 0.00	41.36 1.36 0.00	27.46 0.93 0.00	35.12 1.33 0.00	42.58 1.69 0.00	42.40 1.82 0.00	42.98 1.76 0.00	39.69 1.71 0.00	39.31 1.65 0.00	40.78 1.76 0.00	75.82 2.95 0.00	285.49 10.19 0.00	108.20 3.62 0.00	58.82 1.94 0.00	53.05 1.71 0.00	53.70 1.81 0.00	54.45 1.46 0.00
ROTRRDAM_115KV_TB3 80664	31.19 0.71 0.00	25.37 0.57 0.00	28.23 0.66 0.00	25.87 0.62 0.00	26.45 0.59 0.00	27.93 0.62 0.00	46.80 1.18 0.00	60.44 1.33 0.00	40.85 0.84 0.00	27.01 0.48 0.00	34.35 0.56 0.00	41.49 0.60 0.00	41.28 0.69 0.00	41.95 0.73 0.00	38.69 0.71 0.00	38.41 0.75 0.00	39.99 0.98 0.00	74.74 1.86 0.00	282.21 6.91 0.00	106.75 2.16 0.00	58.12 1.25 0.00	52.44 1.11 0.00	52.94 1.05 0.00	54.00 1.02 0.00
RUSSELL___1 23602	29.84 -0.64 0.00	24.19 -0.62 0.00	26.83 -0.73 0.00	24.48 -0.77 0.00	25.24 -0.61 0.00	26.95 -0.36 0.00	45.02 -0.60 0.00	58.29 -0.81 0.00	39.73 -0.27 0.00	26.41 -0.11 0.00	33.87 0.08 0.00	41.44 0.55 0.00	40.80 0.22 0.00	41.37 0.14 0.00	37.88 -0.10 0.00	37.23 -0.43 0.00	38.04 -0.97 0.00	70.89 -1.63 0.36	270.95 -4.36 0.00	103.30 -1.29 0.00	55.25 -1.10 0.52	50.43 -0.90 0.00	51.13 -0.76 0.00	52.51 -0.47 0.00
RUSSELL___2 23532	29.84 -0.64 0.00	24.19 -0.62 0.00	26.83 -0.73 0.00	24.48 -0.77 0.00	25.24 -0.61 0.00	26.95 -0.36 0.00	45.02 -0.60 0.00	58.29 -0.81 0.00	39.73 -0.27 0.00	26.41 -0.11 0.00	33.87 0.08 0.00	41.44 0.55 0.00	40.80 0.22 0.00	41.37 0.14 0.00	37.88 -0.10 0.00	37.23 -0.43 0.00	38.04 -0.97 0.00	70.89 -1.63 0.36	270.95 -4.36 0.00	103.30 -1.29 0.00	55.25 -1.10 0.52	50.43 -0.90 0.00	51.13 -0.76 0.00	52.51 -0.47 0.00
RUSSELL___3 23549	29.84 -0.64 0.00	24.19 -0.62 0.00	26.83 -0.73 0.00	24.48 -0.77 0.00	25.24 -0.61 0.00	26.95 -0.36 0.00	45.02 -0.60 0.00	58.29 -0.81 0.00	39.73 -0.27 0.00	26.41 -0.11 0.00	33.87 0.08 0.00	41.44 0.55 0.00	40.80 0.22 0.00	41.37 0.14 0.00	37.88 -0.10 0.00	37.23 -0.43 0.00	38.04 -0.97 0.00	70.89 -1.63 0.36	270.95 -4.36 0.00	103.30 -1.29 0.00	55.25 -1.10 0.52	50.43 -0.90 0.00	51.13 -0.76 0.00	52.51 -0.47 0.00
RUSSELL___4 23556	29.84 -0.64 0.00	24.19 -0.62 0.00	26.83 -0.73 0.00	24.48 -0.77 0.00	25.24 -0.61 0.00	26.95 -0.36 0.00	45.02 -0.60 0.00	58.29 -0.81 0.00	39.73 -0.27 0.00	26.41 -0.11 0.00	33.87 0.08 0.00	41.44 0.55 0.00	40.80 0.22 0.00	41.37 0.14 0.00	37.88 -0.10 0.00	37.23 -0.43 0.00	38.04 -0.97 0.00	70.89 -1.63 0.36	270.95 -4.36 0.00	103.30 -1.29 0.00	55.25 -1.10 0.52	50.43 -0.90 0.00	51.13 -0.76 0.00	52.51 -0.47 0.00
RUSSELL___STATION 23914	29.84 -0.64 0.00	24.19 -0.62 0.00	26.83 -0.73 0.00	24.48 -0.77 0.00	25.24 -0.61 0.00	26.95 -0.36 0.00	45.02 -0.60 0.00	58.29 -0.81 0.00	39.73 -0.27 0.00	26.41 -0.11 0.00	33.87 0.08 0.00	41.44 0.55 0.00	40.80 0.22 0.00	41.37 0.14 0.00	37.88 -0.10 0.00	37.23 -0.43 0.00	38.04 -0.97 0.00	70.89 -1.63 0.36	270.95 -4.36 0.00	103.30 -1.29 0.00	55.25 -1.10 0.52	50.43 -0.90 0.00	51.13 -0.76 0.00	52.51 -0.47 0.00
S SALMON___HYD 24043	30.03 -0.45 0.00	24.42 -0.39 0.00	27.04 -0.52 0.00	24.78 -0.47 0.00	25.54 -0.32 0.00	26.85 -0.45 0.00	45.20 -0.42 0.00	58.75 -0.35 0.00	39.49 -0.52 0.00	26.04 -0.48 0.00	33.21 -0.58 0.00	40.37 -0.52 0.00	39.86 -0.73 0.00	40.28 -0.94 0.00	37.17 -0.81 0.00	37.02 -0.64 0.00	38.36 -0.66 0.00	72.06 -0.82 0.00	273.26 -2.04 0.00	103.95 -0.63 0.00	56.30 -0.58 0.00	50.73 -0.61 0.00	51.31 -0.58 0.00	52.66 -0.32 0.00
S.PERRY___115KV_TB1 80734	30.05 -0.43 0.00	24.30 -0.51 0.00	27.01 -0.56 0.00	24.60 -0.65 0.00	25.38 -0.47 0.00	27.18 -0.13 0.00	45.63 0.00 0.00	59.15 0.05 0.00	40.35 0.34 0.00	26.71 0.18 0.00	34.07 0.28 0.00	41.81 0.93 0.00	40.91 0.32 0.00	41.69 0.46 0.00	38.10 0.11 0.00	37.60 -0.06 0.00	42.81 -0.48 -4.27	71.24 -0.65 0.98	277.03 1.72 0.00	105.63 1.04 0.00	55.50 0.04 1.41	51.35 0.02 0.00	52.06 0.17 0.00	53.59 0.60 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.64 -1.85 0.00	23.15 -1.66 0.00	25.64 -1.92 0.00	23.27 -1.98 0.00	24.17 -1.69 0.00	26.04 -1.26 0.00	43.18 -2.44 0.00	55.53 -3.57 0.00	38.12 -1.89 0.00	25.47 -1.06 0.00	32.82 -0.97 0.00	40.59 -0.30 0.00	39.71 -0.88 0.00	40.24 -0.99 0.00	36.62 -1.37 0.00	35.67 -1.99 0.00	34.65 -3.11 1.25	66.63 -5.62 0.61	257.30 -18.01 0.00	98.38 -6.21 0.00	51.98 -4.01 0.88	48.03 -3.31 0.00	49.27 -2.62 0.00	51.23 -1.76 0.00

SAWYER___23_KV_LOAD 55526	28.64 -1.85 0.00	23.15 -1.66 0.00	25.64 -1.92 0.00	23.27 -1.98 0.00	24.17 -1.69 0.00	26.04 -1.26 0.00	43.18 -2.44 0.00	55.53 -3.57 0.00	38.12 -1.89 0.00	25.47 -1.06 0.00	32.82 -0.97 0.00	40.59 -0.30 0.00	39.71 -0.88 0.00	40.24 -0.99 0.00	36.62 -1.37 0.00	35.67 -1.99 0.00	34.65 -3.11 1.25	66.63 -5.62 0.61	257.30 -18.01 0.00	98.38 -6.21 0.00	51.98 -4.01 0.88	48.03 -3.31 0.00	49.27 -2.62 0.00	51.23 -1.76 0.00
SELKIRK___I 23801	30.89 0.40 0.00	25.25 0.44 0.00	28.13 0.56 0.00	25.79 0.54 0.00	26.35 0.50 0.00	27.83 0.52 0.00	46.49 0.87 0.00	59.97 0.86 0.00	40.46 0.45 0.00	26.69 0.16 0.00	33.92 0.13 0.00	40.80 -0.09 0.00	40.63 0.04 0.00	41.41 0.19 0.00	38.34 0.36 0.00	38.07 0.41 0.00	39.65 0.64 0.00	74.12 1.24 0.00	279.69 4.38 0.00	105.73 1.14 0.00	57.61 0.74 0.00	52.02 0.69 0.00	52.53 0.64 0.00	53.60 0.62 0.00
SELKIRK___II 23799	30.63 0.14 0.00	25.08 0.27 0.00	27.97 0.40 0.00	25.64 0.39 0.00	26.19 0.34 0.00	27.67 0.36 0.00	46.23 0.61 0.00	59.67 0.56 0.00	40.35 0.34 0.00	26.71 0.18 0.00	33.99 0.19 0.00	40.85 -0.04 0.00	40.69 0.10 0.00	41.38 0.15 0.00	38.28 0.30 0.00	37.99 0.33 0.00	39.52 0.51 0.00	73.80 0.93 0.00	278.36 3.05 0.00	105.20 0.61 0.00	57.33 0.46 0.00	51.76 0.43 0.00	52.27 0.38 0.00	53.31 0.32 0.00
SENECA OSWGO___HYD 24041	29.79 -0.69 0.00	24.22 -0.59 0.00	26.91 -0.66 0.00	24.67 -0.58 0.00	25.28 -0.58 0.00	26.70 -0.61 0.00	44.65 -0.97 0.00	57.87 -1.24 0.00	39.15 -0.86 0.00	25.93 -0.60 0.00	33.08 -0.72 0.00	40.17 -0.71 0.00	39.79 -0.80 0.00	40.40 -0.83 0.00	37.15 -0.84 0.00	36.71 -0.95 0.00	38.06 -0.95 0.00	71.09 -1.78 0.00	268.52 -6.78 0.00	102.13 -2.46 0.00	55.42 -1.46 0.00	50.03 -1.31 0.00	50.53 -1.35 0.00	51.65 -1.33 0.00
SENECA___115KV_TB3 355854	28.88 -1.60 0.00	23.33 -1.48 0.00	25.84 -1.73 0.00	23.43 -1.82 0.00	24.33 -1.52 0.00	26.22 -1.09 0.00	43.56 -2.06 0.00	56.07 -3.03 0.00	38.46 -1.55 0.00	25.69 -0.84 0.00	33.14 -0.65 0.00	40.95 0.06 0.00	40.00 -0.59 0.00	40.59 -0.64 0.00	36.93 -1.05 0.00	36.03 -1.63 0.00	34.86 -2.67 1.49	67.45 -4.76 0.66	260.43 -14.87 0.00	99.49 -5.10 0.00	52.48 -3.44 0.95	48.49 -2.84 0.00	49.75 -2.14 0.00	51.65 -1.34 0.00
SENECA___ENERGY 23797	29.80 -0.68 0.00	24.19 -0.62 0.00	26.92 -0.65 0.00	24.58 -0.67 0.00	25.26 -0.59 0.00	26.83 -0.47 0.00	44.99 -0.63 0.00	58.12 -0.99 0.00	39.47 -0.53 0.00	26.18 -0.35 0.00	33.47 -0.32 0.00	40.96 0.07 0.00	40.57 -0.02 0.00	41.21 -0.02 0.00	37.84 -0.15 0.00	37.41 -0.25 0.00	38.77 -0.56 -0.31	71.85 -1.02 0.00	271.58 -3.73 0.00	103.52 -1.07 0.00	55.99 -0.88 0.00	50.57 -0.76 0.00	51.20 -0.69 0.00	52.35 -0.64 0.00
SHOEMAKER___GT 23640	31.63 1.14 0.00	25.67 0.86 0.00	28.49 0.92 0.00	26.12 0.87 0.00	26.69 0.83 0.00	28.20 0.89 0.00	47.47 1.85 0.00	61.35 2.24 0.00	41.46 1.46 0.00	27.47 0.94 0.00	35.10 1.31 0.00	42.66 1.78 0.00	42.45 1.86 0.00	43.04 1.81 0.00	39.75 1.77 0.00	39.38 1.72 0.00	40.85 1.84 0.00	76.08 3.20 0.00	286.72 11.41 0.00	108.71 4.12 0.00	59.04 2.17 0.00	53.21 1.87 0.00	53.83 1.94 0.00	54.62 1.63 0.00
SHOEMAKR_138KV_BK 111 55601	31.62 1.13 0.00	25.66 0.85 0.00	28.48 0.91 0.00	26.11 0.86 0.00	26.68 0.82 0.00	28.19 0.88 0.00	47.45 1.83 0.00	61.32 2.21 0.00	41.44 1.44 0.00	27.47 0.94 0.00	35.11 1.32 0.00	42.66 1.77 0.00	42.45 1.86 0.00	43.04 1.81 0.00	39.75 1.76 0.00	39.37 1.72 0.00	40.84 1.83 0.00	76.05 3.18 0.00	286.60 11.29 0.00	108.66 4.07 0.00	58.99 2.12 0.00	53.17 1.84 0.00	53.80 1.91 0.00	54.59 1.60 0.00
SHOREHAM_IC_1 23715	32.04 1.56 0.00	25.89 1.08 0.00	28.77 1.20 0.00	26.39 1.14 0.00	26.76 0.91 0.00	24.59 0.83 3.55	39.08 1.67 8.21	49.93 2.20 11.38	34.38 1.23 6.84	25.62 1.03 1.94	35.45 1.65 0.00	-1.11 1.35 43.35	-15.67 1.66 57.92	-7.84 1.35 50.42	13.81 1.68 25.85	34.39 1.53 4.80	37.28 2.04 3.78	65.42 3.43 10.88	153.80 5.56 127.07	98.15 4.67 11.11	51.25 2.72 8.34	46.01 2.20 7.52	45.69 1.39 7.60	49.96 0.20 3.22
SHOREHAM_IC_2 23716	32.04 1.56 0.00	25.89 1.08 0.00	28.77 1.20 0.00	26.38 1.13 0.00	26.76 0.91 0.00	24.59 0.83 3.55	39.08 1.67 8.21	49.93 2.20 11.38	34.39 1.23 6.84	25.61 1.03 1.94	35.45 1.66 0.00	-1.11 1.35 43.35	-15.69 1.64 57.92	-7.84 1.35 50.42	13.80 1.67 25.85	34.43 1.57 4.80	37.28 2.04 3.78	65.42 3.43 10.88	153.77 5.53 127.07	98.14 4.66 11.11	51.25 2.72 8.34	45.99 2.18 7.52	45.68 1.39 7.60	49.96 0.19 3.22
SISSONVILLE___ 23735	31.30 0.82 0.00	25.47 0.66 0.00	28.16 0.59 0.00	25.76 0.51 0.00	26.53 0.68 0.00	27.94 0.63 0.00	46.50 0.88 0.00	60.59 1.48 0.00	40.87 0.87 0.00	27.06 0.53 0.00	34.49 0.70 0.00	41.70 0.81 0.00	41.42 0.83 0.00	41.97 0.74 0.00	38.65 0.67 0.00	38.48 0.82 0.00	39.47 0.45 0.00	73.42 0.54 0.00	280.35 5.04 0.00	107.50 2.91 0.00	58.80 1.92 0.00	53.18 1.85 0.00	53.75 1.87 0.00	55.08 2.10 0.00
SITHE_IND_GS1 24169	29.49 -0.99 0.00	24.00 -0.81 0.00	26.66 -0.91 0.00	24.42 -0.83 0.00	25.02 -0.83 0.00	26.42 -0.89 0.00	44.10 -1.53 0.00	57.09 -2.01 0.00	38.64 -1.37 0.00	25.63 -0.90 0.00	32.68 -1.11 0.00	39.66 -1.23 0.00	39.30 -1.29 0.00	39.91 -1.32 0.00	36.74 -1.24 0.00	36.37 -1.29 0.00	37.64 -1.37 0.00	70.25 -2.62 0.00	265.21 -10.10 0.00	100.91 -3.67 0.00	54.79 -2.08 0.00	49.46 -1.87 0.00	49.94 -1.94 0.00	51.03 -1.96 0.00
SITHE_IND_GS2 24170	29.49 -0.99 0.00	24.00 -0.81 0.00	26.66 -0.91 0.00	24.42 -0.83 0.00	25.02 -0.83 0.00	26.42 -0.89 0.00	44.10 -1.53 0.00	57.09 -2.01 0.00	38.64 -1.37 0.00	25.63 -0.90 0.00	32.68 -1.11 0.00	39.66 -1.23 0.00	39.30 -1.29 0.00	39.91 -1.32 0.00	36.74 -1.24 0.00	36.37 -1.29 0.00	37.64 -1.37 0.00	70.25 -2.62 0.00	265.21 -10.10 0.00	100.91 -3.67 0.00	54.79 -2.08 0.00	49.46 -1.87 0.00	49.94 -1.94 0.00	51.03 -1.96 0.00
SITHE_IND_GS3 24171	29.49 -0.99 0.00	24.00 -0.81 0.00	26.66 -0.91 0.00	24.42 -0.83 0.00	25.02 -0.83 0.00	26.42 -0.89 0.00	44.10 -1.53 0.00	57.09 -2.01 0.00	38.64 -1.37 0.00	25.63 -0.90 0.00	32.68 -1.11 0.00	39.66 -1.23 0.00	39.30 -1.29 0.00	39.91 -1.32 0.00	36.74 -1.24 0.00	36.37 -1.29 0.00	37.64 -1.37 0.00	70.25 -2.62 0.00	265.21 -10.10 0.00	100.91 -3.67 0.00	54.79 -2.08 0.00	49.46 -1.87 0.00	49.94 -1.94 0.00	51.03 -1.96 0.00
SITHE_IND_GS4 24172	29.49 -0.99 0.00	24.00 -0.81 0.00	26.66 -0.91 0.00	24.42 -0.83 0.00	25.02 -0.83 0.00	26.42 -0.89 0.00	44.10 -1.53 0.00	57.09 -2.01 0.00	38.64 -1.37 0.00	25.63 -0.90 0.00	32.68 -1.11 0.00	39.66 -1.23 0.00	39.30 -1.29 0.00	39.91 -1.32 0.00	36.74 -1.24 0.00	36.37 -1.29 0.00	37.64 -1.37 0.00	70.25 -2.62 0.00	265.21 -10.10 0.00	100.91 -3.67 0.00	54.79 -2.08 0.00	49.46 -1.87 0.00	49.94 -1.94 0.00	51.03 -1.96 0.00

SITHE____BATAVIA 24024	29.57 -0.91 0.00	23.93 -0.88 0.00	26.52 -1.05 0.00	24.11 -1.14 0.00	24.99 -0.87 0.00	26.90 -0.41 0.00	44.80 -0.82 0.00	57.83 -1.28 0.00	39.64 -0.36 0.00	26.41 -0.11 0.00	33.94 0.15 0.00	41.80 0.91 0.00	40.91 0.32 0.00	41.35 0.13 0.00	37.60 -0.38 0.00	36.27 -1.39 0.00	35.80 -2.43 0.78	68.15 -4.22 0.50	263.22 -12.09 0.00	102.69 -1.90 0.00	54.49 -1.67 0.72	49.98 -1.35 0.00	50.95 -0.94 0.00	52.70 -0.29 0.00
SITHE____INDEPEND 23800	29.49 -1.00 0.00	24.00 -0.81 0.00	26.66 -0.91 0.00	24.42 -0.83 0.00	25.03 -0.83 0.00	26.42 -0.89 0.00	44.10 -1.53 0.00	57.10 -2.01 0.00	38.64 -1.37 0.00	25.62 -0.90 0.00	32.68 -1.11 0.00	39.66 -1.23 0.00	39.31 -1.28 0.00	39.92 -1.31 0.00	36.75 -1.24 0.00	36.37 -1.28 0.00	37.64 -1.38 0.00	70.25 -2.62 0.00	265.19 -10.12 0.00	100.91 -3.67 0.00	54.79 -2.08 0.00	49.46 -1.87 0.00	49.94 -1.95 0.00	51.03 -1.96 0.00
SITHE____MASSENA 23902	31.09 0.61 0.00	25.31 0.50 0.00	28.05 0.48 0.00	25.67 0.42 0.00	26.34 0.48 0.00	27.82 0.51 0.00	46.23 0.61 0.00	60.14 1.04 0.00	40.77 0.76 0.00	27.06 0.54 0.00	34.41 0.62 0.00	41.61 0.72 0.00	41.31 0.73 0.00	41.93 0.71 0.00	38.57 0.58 0.00	38.26 0.60 0.00	39.48 0.47 0.00	73.70 0.82 0.00	279.82 4.51 0.00	107.05 2.46 0.00	58.25 1.37 0.00	52.54 1.20 0.00	53.16 1.27 0.00	54.36 1.37 0.00
SITHE____OGDNSBRG 24021	31.65 1.17 0.00	25.78 0.97 0.00	28.51 0.95 0.00	26.09 0.84 0.00	26.84 0.98 0.00	28.31 1.00 0.00	47.19 1.57 0.00	61.47 2.37 0.00	41.52 1.51 0.00	27.49 0.97 0.00	34.89 1.10 0.00	42.15 1.26 0.00	41.84 1.25 0.00	42.44 1.22 0.00	38.99 1.01 0.00	38.70 1.04 0.00	39.87 0.86 0.00	74.52 1.65 0.00	285.39 10.08 0.00	109.34 4.75 0.00	59.61 2.74 0.00	53.77 2.43 0.00	54.33 2.44 0.00	55.59 2.60 0.00
SITHE____STERLING 23777	30.95 0.46 0.00	25.14 0.33 0.00	27.96 0.39 0.00	25.68 0.43 0.00	26.37 0.52 0.00	27.83 0.53 0.00	46.96 1.34 0.00	60.84 1.73 0.00	40.92 0.92 0.00	26.96 0.44 0.00	34.49 0.69 0.00	41.76 0.87 0.00	41.38 0.80 0.00	42.07 0.84 0.00	38.83 0.85 0.00	38.62 0.96 0.00	40.10 1.08 0.00	75.24 2.37 0.00	283.61 8.31 0.00	107.52 2.93 0.00	58.22 1.35 0.00	52.38 1.05 0.00	52.82 0.93 0.00	53.97 0.98 0.00
SLEIGHT__34_KV_TB1 80719	29.70 -0.78 0.00	24.12 -0.69 0.00	26.78 -0.79 0.00	24.45 -0.80 0.00	25.17 -0.68 0.00	26.80 -0.51 0.00	44.87 -0.75 0.00	58.06 -1.04 0.00	39.47 -0.54 0.00	26.14 -0.38 0.00	33.49 -0.30 0.00	40.87 -0.02 0.00	40.37 -0.21 0.00	40.97 -0.25 0.00	37.57 -0.42 0.00	37.03 -0.62 0.00	38.04 -0.97 0.00	71.07 -1.63 0.18	270.28 -5.03 0.00	102.93 -1.65 0.00	55.32 -1.29 0.25	50.24 -1.10 0.00	50.82 -1.07 0.00	52.01 -0.97 0.00
SMITHTWN_69_KV_BK 1 55830	32.04 1.55 0.00	25.93 1.12 0.00	28.78 1.21 0.00	26.37 1.12 0.00	26.77 0.92 0.00	26.48 0.85 1.67	43.58 1.83 3.87	56.12 2.37 5.36	38.08 1.29 3.22	27.07 1.05 0.51	35.59 1.80 0.00	-13.66 1.83 56.37	-32.63 2.10 75.32	-22.54 1.79 65.56	6.36 2.00 33.63	33.29 1.88 6.25	39.35 2.11 1.78	71.38 3.63 5.12	173.99 8.52 109.84	106.25 4.69 3.03	55.72 2.77 3.93	50.06 2.26 3.54	50.16 1.85 3.58	52.45 0.98 1.52
SOUTH CAIRO____GT 23612	31.35 0.87 0.00	25.67 0.86 0.00	28.60 1.03 0.00	26.22 0.97 0.00	27.10 1.25 0.00	28.85 1.54 0.00	48.44 2.82 0.00	62.80 3.69 0.00	42.20 2.19 0.00	27.39 0.86 0.00	34.63 0.84 0.00	41.69 0.80 0.00	41.53 0.94 0.00	42.71 1.49 0.00	39.83 1.84 0.00	39.56 1.90 0.00	40.46 1.45 0.00	75.92 3.04 0.00	288.53 13.22 0.00	108.93 4.34 0.00	59.24 2.36 0.00	53.35 2.01 0.00	53.69 1.81 0.00	54.69 1.70 0.00
SOUTH HAMPTN____IC 23720	32.03 1.55 0.00	25.87 1.06 0.00	28.74 1.18 0.00	26.44 1.19 0.00	26.71 0.86 0.00	24.33 0.78 3.76	38.47 1.53 8.68	49.27 2.20 12.04	33.97 1.21 7.24	25.43 1.00 2.09	35.42 1.63 0.00	-0.66 1.28 42.82	-15.10 1.54 57.22	-7.34 1.24 49.80	14.03 1.58 25.54	34.49 1.58 4.75	37.14 2.12 3.99	64.90 3.54 11.51	153.39 7.16 129.08	97.73 5.13 11.99	51.11 3.05 8.82	45.85 2.47 7.95	45.54 1.69 8.03	50.30 0.72 3.41
SOUTHDOWN_115KV_TB1 355954	29.75 -0.73 0.00	23.75 -1.06 0.00	26.05 -1.52 0.00	23.77 -1.48 0.00	24.97 -0.89 0.00	26.68 -0.62 0.00	44.67 -0.95 0.00	57.85 -1.26 0.00	39.43 -0.58 0.00	26.16 -0.36 0.00	33.87 0.08 0.00	41.80 0.92 0.00	41.02 0.43 0.00	41.57 0.35 0.00	37.89 -0.09 0.00	37.03 -0.63 0.00	36.27 -1.53 1.22	69.87 -2.31 0.70	269.32 -5.98 0.00	102.52 -2.07 0.00	53.93 -1.94 1.00	49.96 -1.37 0.00	51.39 -0.50 0.00	53.24 0.25 0.00
SOUTHOLD_69_KV_BK 2 55809	31.84 1.36 0.00	25.70 0.89 0.00	28.54 0.97 0.00	26.34 1.09 0.00	26.49 0.64 0.00	24.07 0.52 3.75	37.98 1.04 8.67	48.84 1.76 12.02	33.70 0.93 7.23	25.23 0.79 2.09	35.16 1.37 0.00	-1.09 0.83 42.81	-15.59 1.02 57.20	-7.85 0.72 49.79	13.61 1.16 25.53	34.29 1.37 4.74	36.95 1.93 3.99	64.46 3.08 11.49	152.43 6.16 129.04	97.56 4.95 11.97	51.10 3.04 8.81	45.79 2.40 7.95	45.43 1.57 8.03	50.36 0.78 3.40
SOUTHOLD____IC 23719	31.85 1.36 0.00	25.70 0.89 0.00	28.54 0.97 0.00	26.34 1.09 0.00	26.49 0.64 0.00	24.07 0.52 3.75	37.98 1.04 8.67	48.84 1.76 12.02	33.70 0.93 7.23	25.23 0.79 2.09	35.16 1.37 0.00	-1.10 0.82 42.81	-15.59 1.03 57.20	-7.84 0.72 49.79	13.61 1.16 25.53	34.25 1.34 4.74	36.96 1.93 3.99	64.47 3.10 11.49	152.49 6.22 129.04	97.56 4.94 11.97	51.10 3.04 8.81	45.81 2.42 7.95	45.43 1.57 8.03	50.36 0.78 3.40
SOUTH_FORK_WT_PWR 323839	31.50 1.02 0.00	25.42 0.60 0.00	28.22 0.66 0.00	26.13 0.88 0.00	26.15 0.30 0.00	23.68 0.13 3.76	37.23 0.29 8.68	48.00 0.92 12.03	33.15 0.38 7.23	24.86 0.43 2.09	34.73 0.94 0.00	-1.76 0.17 42.82	-16.27 0.36 57.21	-8.54 0.03 49.80	13.00 0.55 25.54	33.79 0.87 4.75	36.54 1.52 3.99	63.54 2.17 11.50	149.20 2.95 129.06	96.58 3.97 11.98	50.67 2.62 8.82	45.42 2.03 7.95	44.98 1.12 8.03	50.06 0.48 3.41
SPIERFLS_115KV_TB 1 80737	31.70 1.22 0.00	25.76 0.95 0.00	28.63 1.06 0.00	26.25 1.00 0.00	26.86 1.01 0.00	28.37 1.06 0.00	47.64 2.02 0.00	61.27 2.17 0.00	41.28 1.27 0.00	27.16 0.64 0.00	34.42 0.63 0.00	41.68 0.80 0.00	41.64 1.05 0.00	42.39 1.16 0.00	39.06 1.07 0.00	38.95 1.29 0.00	40.64 1.62 0.00	75.92 3.05 0.00	287.96 12.66 0.00	108.28 3.70 0.00	58.97 2.10 0.00	53.02 1.68 0.00	53.31 1.42 0.00	54.55 1.56 0.00
ST LAWRENCE____ 23600	30.72 0.24 0.00	25.01 0.20 0.00	27.73 0.16 0.00	25.36 0.11 0.00	26.02 0.16 0.00	27.49 0.18 0.00	45.68 0.06 0.00	59.43 0.32 0.00	40.29 0.28 0.00	26.75 0.23 0.00	34.01 0.22 0.00	41.12 0.24 0.00	40.84 0.25 0.00	41.48 0.25 0.00	38.16 0.18 0.00	37.85 0.19 0.00	39.08 0.06 0.00	72.99 0.12 0.00	276.79 1.48 0.00	105.52 0.94 0.00	57.48 0.61 0.00	51.83 0.50 0.00	52.46 0.57 0.00	53.62 0.63 0.00

STATE_CA_115KV_115_LB 55624	30.83 0.34 0.00	25.19 0.38 0.00	28.03 0.46 0.00	25.69 0.44 0.00	26.23 0.38 0.00	27.73 0.42 0.00	46.27 0.65 0.00	59.66 0.55 0.00	40.35 0.34 0.00	26.73 0.21 0.00	33.98 0.19 0.00	40.74 -0.15 0.00	40.63 0.04 0.00	41.30 0.08 0.00	38.29 0.31 0.00	38.01 0.35 0.00	39.64 0.62 0.00	74.11 1.23 0.00	279.38 4.08 0.00	105.42 0.83 0.00	57.45 0.58 0.00	51.83 0.49 0.00	52.27 0.38 0.00	53.33 0.34 0.00
STATE_ST_34_KV_LOAD 55959	30.27 -0.22 0.00	24.64 -0.17 0.00	27.43 -0.14 0.00	25.04 -0.22 0.00	25.75 -0.11 0.00	27.30 -0.01 0.00	45.73 0.11 0.00	58.95 -0.15 0.00	40.00 0.00 0.00	26.46 -0.06 0.00	33.71 -0.08 0.00	41.13 0.24 0.00	40.79 0.21 0.00	41.45 0.23 0.00	38.13 0.14 0.00	37.59 -0.07 0.00	39.00 -0.19 -0.18	73.06 -0.05 -0.24	275.23 -0.08 0.00	104.70 0.12 0.00	56.87 -0.35 -0.34	51.20 -0.14 0.00	51.76 -0.13 0.00	52.68 -0.30 0.00
STATION_5_MISC_HYD 23604	29.74 -0.75 0.00	24.11 -0.70 0.00	26.75 -0.82 0.00	24.40 -0.85 0.00	25.16 -0.69 0.00	26.87 -0.44 0.00	44.85 -0.77 0.00	58.02 -1.08 0.00	39.55 -0.45 0.00	26.29 -0.23 0.00	33.72 -0.07 0.00	41.25 0.36 0.00	40.59 0.00 0.00	41.18 -0.05 0.00	37.71 -0.27 0.00	37.05 -0.61 0.00	37.87 -1.15 0.00	70.51 -2.00 0.36	269.53 -5.77 0.00	102.78 -1.81 0.00	54.97 -1.39 0.52	50.18 -1.16 0.00	50.90 -0.98 0.00	52.30 -0.69 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.83 -0.65 0.00	24.21 -0.60 0.00	26.89 -0.68 0.00	24.56 -0.69 0.00	25.27 -0.58 0.00	26.90 -0.41 0.00	45.01 -0.61 0.00	58.24 -0.87 0.00	39.61 -0.40 0.00	26.28 -0.25 0.00	33.62 -0.16 0.00	41.06 0.17 0.00	40.53 -0.06 0.00	41.12 -0.10 0.00	37.74 -0.25 0.00	37.20 -0.46 0.00	38.20 -0.82 0.00	71.07 -1.44 0.36	270.89 -4.43 0.00	103.25 -1.34 0.00	55.29 -1.07 0.52	50.40 -0.93 0.00	51.04 -0.85 0.00	52.27 -0.71 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.57 -0.91 0.00	23.99 -0.82 0.00	26.62 -0.95 0.00	24.29 -0.96 0.00	25.03 -0.83 0.00	26.70 -0.61 0.00	44.58 -1.04 0.00	57.69 -1.42 0.00	39.31 -0.69 0.00	26.12 -0.40 0.00	33.48 -0.31 0.00	40.93 0.04 0.00	40.33 -0.25 0.00	40.89 -0.33 0.00	37.47 -0.51 0.00	36.83 -0.83 0.00	37.67 -1.35 0.00	70.18 -2.34 0.35	268.04 -7.27 0.00	102.22 -2.37 0.00	54.70 -1.67 0.51	49.91 -1.42 0.00	50.59 -1.30 0.00	51.96 -1.03 0.00
STA_56___34_KV_BUS2 355983	29.57 -0.91 0.00	23.99 -0.82 0.00	26.62 -0.95 0.00	24.29 -0.96 0.00	25.03 -0.83 0.00	26.70 -0.61 0.00	44.58 -1.04 0.00	57.69 -1.42 0.00	39.31 -0.69 0.00	26.12 -0.40 0.00	33.48 -0.31 0.00	40.93 0.04 0.00	40.33 -0.25 0.00	40.89 -0.33 0.00	37.47 -0.51 0.00	36.83 -0.83 0.00	37.67 -1.35 0.00	70.18 -2.34 0.35	268.04 -7.27 0.00	102.22 -2.37 0.00	54.70 -1.67 0.51	49.91 -1.42 0.00	50.59 -1.30 0.00	51.96 -1.03 0.00
STA_67___115KV_BK2 355882	29.68 -0.80 0.00	24.07 -0.74 0.00	26.70 -0.87 0.00	24.36 -0.89 0.00	25.11 -0.74 0.00	26.81 -0.50 0.00	44.76 -0.86 0.00	57.89 -1.22 0.00	39.47 -0.53 0.00	26.23 -0.29 0.00	33.64 -0.15 0.00	41.14 0.25 0.00	40.52 -0.07 0.00	41.08 -0.15 0.00	37.62 -0.36 0.00	36.96 -0.70 0.00	37.76 -1.25 0.00	70.34 -2.17 0.36	268.90 -6.40 0.00	102.55 -2.03 0.00	54.86 -1.50 0.52	50.08 -1.26 0.00	50.80 -1.09 0.00	52.20 -0.79 0.00
STA_7___115KV_9TRANS 80674	29.84 -0.64 0.00	24.19 -0.62 0.00	26.83 -0.73 0.00	24.48 -0.77 0.00	25.24 -0.61 0.00	26.95 -0.36 0.00	45.02 -0.60 0.00	58.29 -0.81 0.00	39.73 -0.27 0.00	26.41 -0.11 0.00	33.87 0.08 0.00	41.44 0.55 0.00	40.80 0.22 0.00	41.37 0.14 0.00	37.88 -0.10 0.00	37.23 -0.43 0.00	38.04 -0.97 0.00	70.89 -1.63 0.36	270.95 -4.36 0.00	103.30 -1.29 0.00	55.25 -1.10 0.52	50.43 -0.90 0.00	51.13 -0.76 0.00	52.51 -0.47 0.00
STA_82___115KV_TB1 80780	29.68 -0.80 0.00	24.07 -0.74 0.00	26.71 -0.86 0.00	24.36 -0.89 0.00	25.13 -0.73 0.00	26.82 -0.49 0.00	44.76 -0.86 0.00	57.91 -1.19 0.00	39.47 -0.53 0.00	26.24 -0.28 0.00	33.65 -0.14 0.00	41.16 0.27 0.00	40.53 -0.06 0.00	41.09 -0.14 0.00	37.63 -0.35 0.00	36.97 -0.69 0.00	37.77 -1.25 0.00	70.34 -2.17 0.37	268.99 -6.31 0.00	102.59 -1.99 0.00	54.86 -1.49 0.53	50.09 -1.24 0.00	50.80 -1.09 0.00	52.20 -0.78 0.00
STEEL___WIND 323596	28.82 -1.66 0.00	23.29 -1.52 0.00	25.79 -1.78 0.00	23.39 -1.87 0.00	24.29 -1.56 0.00	26.17 -1.14 0.00	43.48 -2.14 0.00	55.96 -3.14 0.00	38.36 -1.64 0.00	25.64 -0.89 0.00	33.09 -0.70 0.00	40.90 0.01 0.00	39.93 -0.66 0.00	40.53 -0.70 0.00	36.86 -1.12 0.00	35.97 -1.69 0.00	34.81 -2.72 1.49	67.34 -4.87 0.66	259.89 -15.42 0.00	99.31 -5.28 0.00	52.36 -3.56 0.95	48.38 -2.96 0.00	49.68 -2.21 0.00	51.59 -1.40 0.00
STEPHTWN_115KV_BK_2 55603	30.91 0.43 0.00	25.22 0.41 0.00	28.08 0.51 0.00	25.72 0.47 0.00	26.31 0.45 0.00	27.88 0.57 0.00	46.70 1.08 0.00	60.26 1.16 0.00	40.68 0.68 0.00	26.89 0.36 0.00	34.15 0.36 0.00	40.90 0.02 0.00	40.94 0.35 0.00	41.67 0.44 0.00	38.59 0.61 0.00	38.33 0.67 0.00	39.97 0.95 0.00	74.41 1.54 0.00	280.80 5.49 0.00	105.99 1.40 0.00	57.77 0.89 0.00	52.10 0.76 0.00	52.54 0.65 0.00	53.60 0.61 0.00
STEBEN_REC_LFGE 323667	28.00 -2.49 0.00	22.65 -2.16 0.00	25.30 -2.26 0.00	23.01 -2.24 0.00	23.61 -2.24 0.00	25.24 -2.07 0.00	42.43 -3.19 0.00	54.89 -4.21 0.00	37.45 -2.56 0.00	25.00 -1.52 0.00	32.17 -1.62 0.00	39.36 -1.53 0.00	38.76 -1.83 0.00	39.63 -1.60 0.00	36.56 -1.43 0.00	36.00 -1.66 0.00	39.88 -2.48 -3.34	66.29 -4.35 2.23	261.21 -14.10 0.00	99.62 -4.96 0.00	50.61 -3.06 3.21	48.56 -2.78 0.00	49.26 -2.63 0.00	50.90 -2.08 0.00
STILLWATER___SOLAR 323814	31.71 1.22 0.00	25.78 0.97 0.00	28.68 1.11 0.00	26.28 1.03 0.00	26.88 1.02 0.00	28.41 1.10 0.00	47.64 2.02 0.00	61.37 2.26 0.00	41.41 1.40 0.00	27.30 0.77 0.00	34.64 0.85 0.00	41.76 0.87 0.00	41.65 1.06 0.00	42.37 1.14 0.00	39.08 1.09 0.00	38.90 1.24 0.00	40.63 1.62 0.00	75.98 3.11 0.00	287.50 12.19 0.00	108.32 3.73 0.00	59.00 2.12 0.00	53.17 1.83 0.00	53.56 1.67 0.00	54.72 1.73 0.00
STONY___BROOK 24151	32.03 1.55 0.00	25.92 1.12 0.00	28.78 1.21 0.00	26.37 1.12 0.00	26.77 0.91 0.00	25.44 0.84 2.72	41.13 1.78 6.27	52.73 2.31 8.69	36.00 1.22 5.23	26.24 1.01 1.30	35.56 1.77 0.00	-5.66 1.75 48.30	-21.88 2.06 64.53	-13.20 1.75 56.17	11.13 1.95 28.81	34.10 1.80 5.35	38.21 2.08 2.88	68.12 3.56 8.31	163.74 7.68 119.24	101.57 4.48 7.50	53.22 2.72 6.37	47.82 2.23 5.74	47.86 1.78 5.80	51.42 0.89 2.46
STURGEON_POOL_HYD 23609	31.69 1.21 0.00	25.72 0.91 0.00	28.54 0.98 0.00	26.18 0.93 0.00	26.71 0.86 0.00	28.21 0.90 0.00	47.49 1.86 0.00	61.46 2.35 0.00	41.59 1.58 0.00	27.59 1.07 0.00	35.28 1.49 0.00	42.79 1.90 0.00	42.56 1.97 0.00	43.14 1.91 0.00	39.83 1.85 0.00	39.46 1.80 0.00	40.98 1.96 0.00	76.26 3.39 0.00	287.23 11.92 0.00	108.94 4.35 0.00	59.19 2.32 0.00	53.42 2.08 0.00	54.03 2.15 0.00	54.77 1.78 0.00

ST_LAW_115_BK7_LBMP 345037	30.76 0.27 0.00	25.04 0.23 0.00	27.75 0.18 0.00	25.39 0.14 0.00	26.04 0.19 0.00	27.51 0.20 0.00	45.72 0.10 0.00	59.48 0.37 0.00	40.33 0.32 0.00	26.78 0.26 0.00	34.04 0.25 0.00	41.16 0.27 0.00	40.88 0.29 0.00	41.51 0.28 0.00	38.17 0.19 0.00	37.88 0.22 0.00	39.10 0.08 0.00	73.03 0.15 0.00	276.90 1.59 0.00	105.56 0.97 0.00	57.55 0.67 0.00	51.91 0.58 0.00	52.53 0.64 0.00	53.71 0.72 0.00
ST_LAW_115_BK8_LBMP 345038	30.76 0.27 0.00	25.04 0.23 0.00	27.75 0.18 0.00	25.39 0.14 0.00	26.04 0.19 0.00	27.51 0.20 0.00	45.72 0.10 0.00	59.48 0.37 0.00	40.33 0.32 0.00	26.78 0.26 0.00	34.04 0.25 0.00	41.16 0.27 0.00	40.88 0.29 0.00	41.51 0.28 0.00	38.17 0.19 0.00	37.88 0.22 0.00	39.10 0.08 0.00	73.03 0.15 0.00	276.90 1.59 0.00	105.56 0.97 0.00	57.55 0.67 0.00	51.91 0.58 0.00	52.53 0.64 0.00	53.71 0.72 0.00
ST_LAW_230_BK5_LBMP 345035	30.72 0.24 0.00	25.01 0.20 0.00	27.73 0.16 0.00	25.36 0.11 0.00	26.02 0.16 0.00	27.49 0.18 0.00	45.68 0.06 0.00	59.43 0.32 0.00	40.29 0.28 0.00	26.75 0.23 0.00	34.01 0.22 0.00	41.12 0.24 0.00	40.84 0.25 0.00	41.48 0.25 0.00	38.16 0.18 0.00	37.85 0.19 0.00	39.08 0.06 0.00	72.99 0.12 0.00	276.79 1.48 0.00	105.52 0.94 0.00	57.48 0.61 0.00	51.83 0.50 0.00	52.46 0.57 0.00	53.62 0.63 0.00
ST_LAW_230_BK6_LBMP 345036	30.72 0.24 0.00	25.01 0.20 0.00	27.73 0.16 0.00	25.36 0.11 0.00	26.02 0.16 0.00	27.49 0.18 0.00	45.68 0.06 0.00	59.43 0.32 0.00	40.29 0.28 0.00	26.75 0.23 0.00	34.01 0.22 0.00	41.12 0.24 0.00	40.84 0.25 0.00	41.48 0.25 0.00	38.16 0.18 0.00	37.85 0.19 0.00	39.08 0.06 0.00	72.99 0.12 0.00	276.79 1.48 0.00	105.52 0.94 0.00	57.48 0.61 0.00	51.83 0.50 0.00	52.46 0.57 0.00	53.62 0.63 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.72 1.24 0.00	25.74 0.93 0.00	28.54 0.97 0.00	26.17 0.92 0.00	26.74 0.88 0.00	28.27 0.95 0.00	47.60 1.98 0.00	61.51 2.40 0.00	41.58 1.57 0.00	27.58 1.05 0.00	35.29 1.50 0.00	42.85 1.97 0.00	42.67 2.08 0.00	43.26 2.03 0.00	39.94 1.96 0.00	39.55 1.89 0.00	41.03 2.01 0.00	76.33 3.46 0.00	287.76 12.46 0.00	109.07 4.49 0.00	59.20 2.33 0.00	53.32 1.98 0.00	53.95 2.06 0.00	54.71 1.72 0.00
SWANROAD_115KV_TB1 355699	28.12 -2.36 0.00	22.75 -2.06 0.00	25.21 -2.36 0.00	22.87 -2.38 0.00	23.78 -2.08 0.00	25.67 -1.65 0.00	42.41 -3.21 0.00	54.35 -4.75 0.00	37.43 -2.57 0.00	25.05 -1.47 0.00	32.24 -1.55 0.00	39.93 -0.95 0.00	38.99 -1.60 0.00	39.50 -1.72 0.00	35.96 -2.03 0.00	34.94 -2.72 0.00	33.87 -3.97 1.17	64.99 -7.30 0.58	251.27 -24.04 0.00	96.22 -8.37 0.00	50.89 -5.14 0.84	47.03 -4.30 0.00	48.36 -3.53 0.00	50.31 -2.67 0.00
SYNERGY___BIOGAS 323694	29.57 -0.92 0.00	23.93 -0.88 0.00	26.52 -1.05 0.00	24.11 -1.14 0.00	24.99 -0.87 0.00	26.89 -0.42 0.00	44.81 -0.81 0.00	57.84 -1.27 0.00	39.65 -0.36 0.00	26.41 -0.11 0.00	33.93 0.14 0.00	41.79 0.90 0.00	40.96 0.37 0.00	41.36 0.13 0.00	37.61 -0.37 0.00	36.27 -1.39 0.00	35.80 -2.44 0.78	68.19 -4.19 0.50	263.27 -12.04 0.00	102.69 -1.90 0.00	54.48 -1.67 0.72	50.00 -1.34 0.00	50.95 -0.93 0.00	52.70 -0.29 0.00
SYRACUSE___ENERGY_ST1 323597	30.10 -0.38 0.00	24.48 -0.33 0.00	27.23 -0.34 0.00	24.94 -0.31 0.00	25.57 -0.28 0.00	27.05 -0.26 0.00	45.28 -0.34 0.00	58.59 -0.52 0.00	39.64 -0.36 0.00	26.24 -0.28 0.00	33.49 -0.30 0.00	40.73 -0.16 0.00	40.36 -0.23 0.00	41.01 -0.22 0.00	37.73 -0.25 0.00	37.34 -0.31 0.00	38.62 -0.39 0.00	72.16 -0.72 0.00	272.60 -2.71 0.00	103.65 -0.94 0.00	56.17 -0.70 0.00	50.73 -0.61 0.00	51.22 -0.67 0.00	52.29 -0.69 0.00
SYRACUSE___ENERGY_ST2 323598	30.10 -0.38 0.00	24.48 -0.33 0.00	27.23 -0.34 0.00	24.94 -0.31 0.00	25.57 -0.28 0.00	27.05 -0.26 0.00	45.28 -0.34 0.00	58.59 -0.52 0.00	39.64 -0.36 0.00	26.24 -0.28 0.00	33.49 -0.30 0.00	40.73 -0.16 0.00	40.36 -0.23 0.00	41.01 -0.22 0.00	37.73 -0.25 0.00	37.34 -0.31 0.00	38.62 -0.39 0.00	72.16 -0.72 0.00	272.60 -2.71 0.00	103.65 -0.94 0.00	56.17 -0.70 0.00	50.73 -0.61 0.00	51.22 -0.67 0.00	52.29 -0.69 0.00
SYRACUSE___POWER 24017	30.13 -0.35 0.00	24.48 -0.33 0.00	27.23 -0.34 0.00	24.95 -0.31 0.00	25.56 -0.29 0.00	27.04 -0.27 0.00	45.28 -0.34 0.00	58.64 -0.47 0.00	39.66 -0.35 0.00	26.26 -0.27 0.00	33.54 -0.25 0.00	40.76 -0.12 0.00	40.39 -0.20 0.00	41.03 -0.20 0.00	37.76 -0.22 0.00	37.38 -0.28 0.00	38.68 -0.34 0.00	72.41 -0.64 -0.17	272.86 -2.45 0.00	103.73 -0.86 0.00	56.48 -0.64 -0.25	50.74 -0.59 0.00	51.24 -0.65 0.00	52.34 -0.65 0.00
TALLMAN__138KV_BK151 55660	31.85 1.37 0.00	25.82 1.01 0.00	28.61 1.05 0.00	26.23 0.98 0.00	26.81 0.95 0.00	28.36 1.05 0.00	47.80 2.18 0.00	61.75 2.65 0.00	41.71 1.71 0.00	27.68 1.16 0.00	35.50 1.71 0.00	43.13 2.24 0.00	42.95 2.36 0.00	43.52 2.30 0.00	40.17 2.19 0.00	39.75 2.09 0.00	41.22 2.21 0.00	76.69 3.82 0.00	289.15 13.84 0.00	109.61 5.02 0.00	59.46 2.58 0.00	53.48 2.14 0.00	54.12 2.23 0.00	54.86 1.87 0.00
TEALLAVE_115KV_TB7 355573	29.97 -0.51 0.00	24.36 -0.45 0.00	27.08 -0.49 0.00	24.81 -0.44 0.00	25.43 -0.43 0.00	26.88 -0.43 0.00	44.99 -0.63 0.00	58.28 -0.83 0.00	39.43 -0.57 0.00	26.12 -0.41 0.00	33.36 -0.43 0.00	40.54 -0.35 0.00	40.16 -0.43 0.00	40.79 -0.43 0.00	37.55 -0.44 0.00	37.16 -0.50 0.00	38.44 -0.57 0.00	71.76 -1.11 0.00	271.02 -4.29 0.00	103.02 -1.57 0.00	55.88 -1.00 0.00	50.42 -0.91 0.00	50.93 -0.96 0.00	52.02 -0.96 0.00
TELGRAPH_34_KV_EAST 80808	28.87 -1.61 0.00	23.36 -1.44 0.00	25.89 -1.67 0.00	23.51 -1.74 0.00	24.41 -1.45 0.00	26.31 -1.00 0.00	43.63 -1.99 0.00	56.12 -2.99 0.00	38.56 -1.45 0.00	25.75 -0.78 0.00	33.12 -0.67 0.00	40.91 0.02 0.00	40.01 -0.58 0.00	40.52 -0.71 0.00	36.88 -1.10 0.00	35.86 -1.80 0.00	35.15 -2.88 0.98	67.16 -5.17 0.54	259.23 -16.08 0.00	99.47 -5.11 0.00	52.70 -3.40 0.77	48.52 -2.82 0.00	49.69 -2.20 0.00	51.54 -1.45 0.00
TEMPLE___115KV_TB 2 55572	29.97 -0.51 0.00	24.36 -0.45 0.00	27.08 -0.48 0.00	24.82 -0.43 0.00	25.43 -0.43 0.00	26.89 -0.42 0.00	44.99 -0.63 0.00	58.28 -0.83 0.00	39.43 -0.57 0.00	26.12 -0.40 0.00	33.37 -0.42 0.00	40.55 -0.34 0.00	40.19 -0.40 0.00	40.80 -0.42 0.00	37.56 -0.42 0.00	37.17 -0.49 0.00	38.45 -0.57 0.00	71.78 -1.10 0.00	271.02 -4.29 0.00	103.04 -1.55 0.00	55.88 -1.00 0.00	50.43 -0.91 0.00	50.93 -0.96 0.00	52.02 -0.96 0.00
TIANA____69_KV_BK 1 55817	32.08 1.60 0.00	25.91 1.11 0.00	28.79 1.22 0.00	26.44 1.20 0.00	26.77 0.91 0.00	24.39 0.84 3.75	38.61 1.67 8.67	49.38 2.30 12.03	34.06 1.29 7.23	25.49 1.06 2.09	35.49 1.70 0.00	-0.51 1.41 42.81	-14.94 1.68 57.20	-7.21 1.36 49.79	14.14 1.69 25.53	34.59 1.67 4.74	37.18 2.16 3.99	65.01 3.63 11.50	153.71 7.44 129.04	97.79 5.17 11.98	51.12 3.06 8.81	45.84 2.44 7.95	45.58 1.72 8.03	50.30 0.72 3.40

TILDEN___115KV_TB1 80814	30.13 -0.35 0.00	24.48 -0.33 0.00	27.23 -0.34 0.00	24.95 -0.31 0.00	25.56 -0.29 0.00	27.04 -0.27 0.00	45.28 -0.34 0.00	58.64 -0.47 0.00	39.66 -0.35 0.00	26.26 -0.27 0.00	33.54 -0.25 0.00	40.76 -0.12 0.00	40.39 -0.20 0.00	41.03 -0.20 0.00	37.76 -0.22 0.00	37.38 -0.28 0.00	38.68 -0.34 0.00	72.41 -0.64 -0.17	272.86 -2.45 0.00	103.73 -0.86 0.00	56.48 -0.64 -0.25	50.74 -0.59 0.00	51.24 -0.65 0.00	52.34 -0.65 0.00
TRIGEN___CC 323695	31.96 1.48 0.00	25.92 1.11 0.00	28.72 1.15 0.00	26.32 1.07 0.00	26.81 0.95 0.00	28.28 0.97 0.00	47.66 2.04 0.00	61.68 2.57 0.00	41.60 1.59 0.00	29.07 1.20 -1.35	35.69 1.91 0.00	43.18 2.29 0.00	43.06 2.47 0.00	43.48 2.25 0.00	40.71 2.36 -0.37	40.14 2.22 -0.26	41.27 2.26 0.00	76.63 3.76 0.00	269.67 11.52 17.16	116.82 4.88 -7.35	59.55 2.68 0.00	53.61 2.28 0.00	54.09 2.20 0.00	54.56 1.57 0.00
TRINITY___115KV___4 BK 55933	30.64 0.16 0.00	25.04 0.23 0.00	27.86 0.29 0.00	25.54 0.29 0.00	26.08 0.23 0.00	27.56 0.25 0.00	45.95 0.33 0.00	59.23 0.13 0.00	40.07 0.07 0.00	26.55 0.03 0.00	33.76 -0.03 0.00	40.45 -0.43 0.00	40.33 -0.25 0.00	41.01 -0.21 0.00	37.99 0.01 0.00	37.72 0.06 0.00	39.33 0.32 0.00	73.45 0.58 0.00	277.12 1.82 0.00	104.58 -0.01 0.00	57.02 0.15 0.00	51.46 0.12 0.00	51.91 0.02 0.00	52.98 -0.01 0.00
UNION___PROCESSING_DRP 323587	29.70 -0.79 0.00	24.08 -0.73 0.00	26.72 -0.85 0.00	24.37 -0.88 0.00	25.13 -0.73 0.00	26.82 -0.49 0.00	44.77 -0.85 0.00	57.93 -1.18 0.00	39.49 -0.52 0.00	26.25 -0.28 0.00	33.65 -0.14 0.00	41.17 0.28 0.00	40.54 -0.04 0.00	41.09 -0.13 0.00	37.64 -0.34 0.00	36.97 -0.69 0.00	37.78 -1.24 0.00	70.36 -2.15 0.37	269.03 -6.28 0.00	102.63 -1.96 0.00	54.87 -1.48 0.53	50.10 -1.24 0.00	50.81 -1.08 0.00	52.22 -0.77 0.00
UPPER HUDSON___HYD 24058	31.70 1.22 0.00	25.76 0.95 0.00	28.63 1.06 0.00	26.25 1.00 0.00	26.86 1.01 0.00	28.37 1.06 0.00	47.63 2.01 0.00	61.28 2.18 0.00	41.28 1.27 0.00	27.16 0.64 0.00	34.42 0.63 0.00	41.69 0.80 0.00	41.64 1.05 0.00	42.39 1.16 0.00	39.05 1.07 0.00	38.95 1.29 0.00	40.63 1.62 0.00	75.92 3.05 0.00	287.97 12.66 0.00	108.28 3.70 0.00	58.97 2.10 0.00	53.02 1.68 0.00	53.31 1.42 0.00	54.55 1.56 0.00
UPPER RAQUET___HYD 24056	31.30 0.81 0.00	25.47 0.66 0.00	28.16 0.59 0.00	25.76 0.51 0.00	26.53 0.68 0.00	27.94 0.63 0.00	46.50 0.88 0.00	60.58 1.48 0.00	40.87 0.87 0.00	27.06 0.53 0.00	34.49 0.70 0.00	41.70 0.81 0.00	41.42 0.83 0.00	41.96 0.74 0.00	38.65 0.67 0.00	38.48 0.82 0.00	39.47 0.46 0.00	73.42 0.54 0.00	280.35 5.04 0.00	107.50 2.91 0.00	58.80 1.92 0.00	53.18 1.85 0.00	53.75 1.87 0.00	55.08 2.10 0.00
VALLEY44_115KV_TB2 355964	29.58 -0.90 0.00	23.83 -0.98 0.00	26.47 -1.10 0.00	24.08 -1.17 0.00	24.95 -0.91 0.00	26.65 -0.65 0.00	44.31 -1.31 0.00	57.08 -2.03 0.00	38.90 -1.11 0.00	25.90 -0.63 0.00	33.68 -0.11 0.00	41.51 0.62 0.00	40.61 0.02 0.00	41.19 -0.04 0.00	37.49 -0.49 0.00	36.63 -1.03 0.00	35.87 -1.98 1.16	68.77 -3.39 0.72	264.75 -10.55 0.00	100.91 -3.68 0.00	53.10 -2.74 1.04	49.15 -2.18 0.00	50.39 -1.50 0.00	52.11 -0.88 0.00
VALLEY___115KV_TB 1-4 80826	31.37 0.89 0.00	25.52 0.71 0.00	28.38 0.81 0.00	26.01 0.75 0.00	26.65 0.80 0.00	28.20 0.89 0.00	47.35 1.74 0.00	61.18 2.08 0.00	41.12 1.12 0.00	26.98 0.46 0.00	34.36 0.57 0.00	41.39 0.50 0.00	41.10 0.51 0.00	41.89 0.66 0.00	38.71 0.73 0.00	38.49 0.83 0.00	40.44 1.42 0.00	75.97 3.10 0.00	286.76 11.45 0.00	108.34 3.75 0.00	58.78 1.90 0.00	53.17 1.83 0.00	53.59 1.71 0.00	54.67 1.69 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.31 0.82 0.00	25.42 0.61 0.00	28.31 0.75 0.00	25.96 0.71 0.00	26.55 0.70 0.00	28.06 0.75 0.00	47.25 1.63 0.00	61.14 2.04 0.00	41.26 1.26 0.00	27.34 0.81 0.00	34.90 1.11 0.00	42.36 1.47 0.00	42.07 1.48 0.00	42.73 1.50 0.00	39.41 1.43 0.00	39.05 1.39 0.00	40.50 1.49 0.00	75.62 2.75 0.00	285.05 9.74 0.00	108.24 3.65 0.00	58.73 1.86 0.00	53.00 1.66 0.00	53.58 1.69 0.00	54.69 1.70 0.00
VISCHER___FERRY HYD 24020	31.39 0.91 0.00	25.53 0.72 0.00	28.40 0.84 0.00	26.03 0.78 0.00	26.59 0.73 0.00	28.10 0.80 0.00	47.00 1.38 0.00	60.54 1.43 0.00	40.96 0.96 0.00	27.09 0.57 0.00	34.32 0.53 0.00	41.13 0.24 0.00	40.98 0.39 0.00	41.73 0.51 0.00	38.53 0.55 0.00	38.34 0.69 0.00	40.11 1.09 0.00	75.01 2.14 0.00	283.36 8.05 0.00	106.75 2.16 0.00	58.23 1.36 0.00	52.53 1.19 0.00	52.97 1.08 0.00	54.15 1.16 0.00
V_A_10_SYNC_DSASP 323832	28.82 -1.66 0.00	23.33 -1.48 0.00	25.87 -1.69 0.00	23.51 -1.74 0.00	24.37 -1.48 0.00	26.18 -1.13 0.00	43.41 -2.21 0.00	55.84 -3.26 0.00	38.28 -1.72 0.00	25.55 -0.98 0.00	32.90 -0.89 0.00	40.58 -0.31 0.00	39.76 -0.82 0.00	40.30 -0.93 0.00	36.71 -1.27 0.00	35.81 -1.85 0.00	35.26 -2.89 0.87	67.14 -5.22 0.51	258.54 -16.77 0.00	98.81 -5.78 0.00	52.42 -3.72 0.73	48.27 -3.06 0.00	49.39 -2.49 0.00	51.24 -1.75 0.00
V_CMM_10_SYNC_DSASP 323787	30.92 0.43 0.00	25.17 0.36 0.00	27.91 0.34 0.00	25.52 0.27 0.00	26.18 0.33 0.00	27.66 0.35 0.00	45.96 0.35 0.00	59.79 0.68 0.00	40.56 0.55 0.00	26.92 0.40 0.00	34.23 0.44 0.00	41.39 0.50 0.00	41.11 0.52 0.00	41.73 0.50 0.00	38.39 0.40 0.00	38.08 0.42 0.00	39.30 0.29 0.00	73.36 0.49 0.00	277.52 2.21 0.00	105.65 1.07 0.00	57.84 0.96 0.00	52.19 0.86 0.00	52.82 0.93 0.00	53.99 1.00 0.00
V_CMP_10_SYNC_DSASP 323788	31.08 0.59 0.00	25.23 0.42 0.00	27.84 0.27 0.00	25.49 0.24 0.00	26.24 0.39 0.00	27.76 0.45 0.00	45.31 -0.31 0.00	58.97 -0.14 0.00	40.01 0.00 0.00	26.69 0.17 0.00	33.80 0.01 0.00	40.61 -0.27 0.00	40.68 0.09 0.00	41.59 0.37 0.00	38.43 0.45 0.00	38.50 0.84 0.00	39.12 0.10 0.00	71.77 -1.10 0.00	274.23 -1.07 0.00	105.73 1.14 0.00	57.46 0.59 0.00	51.86 0.52 0.00	52.93 1.04 0.00	54.37 1.38 0.00
V_D_10_SYNC_DSASP 323841	31.09 0.60 0.00	25.31 0.50 0.00	28.05 0.48 0.00	25.66 0.41 0.00	26.34 0.48 0.00	27.82 0.51 0.00	46.23 0.61 0.00	60.14 1.03 0.00	40.77 0.76 0.00	27.06 0.53 0.00	34.41 0.62 0.00	41.60 0.71 0.00	41.31 0.72 0.00	41.93 0.70 0.00	38.56 0.58 0.00	38.26 0.60 0.00	39.48 0.47 0.00	73.70 0.82 0.00	279.82 4.51 0.00	107.02 2.43 0.00	58.25 1.37 0.00	52.52 1.19 0.00	53.15 1.26 0.00	54.36 1.37 0.00
V_E_10_SYNC_DSASP 323830	31.35 0.87 0.00	25.37 0.56 0.00	28.30 0.73 0.00	25.96 0.71 0.00	26.64 0.78 0.00	28.33 1.02 0.00	48.05 2.43 0.00	62.49 3.38 0.00	41.84 1.84 0.00	27.38 0.85 0.00	34.73 0.94 0.00	42.40 1.51 0.00	41.79 1.20 0.00	42.83 1.60 0.00	39.48 1.50 0.00	39.50 1.84 0.00	41.41 2.17 -0.23	78.63 4.79 -0.96	295.85 20.54 0.00	111.89 7.30 0.00	61.64 3.38 -1.39	54.18 2.85 0.00	54.54 2.65 0.00	55.75 2.76 0.00

V_F_30_NSYNC___DSASP 323816	31.73 1.25 0.00	25.80 0.99 0.00	28.70 1.13 0.00	26.31 1.06 0.00	26.90 1.05 0.00	28.43 1.12 0.00	47.69 2.07 0.00	61.44 2.33 0.00	41.47 1.46 0.00	27.34 0.81 0.00	34.71 0.92 0.00	41.85 0.97 0.00	41.73 1.14 0.00	42.45 1.23 0.00	39.15 1.17 0.00	38.96 1.30 0.00	40.67 1.66 0.00	76.06 3.19 0.00	287.78 12.47 0.00	108.46 3.87 0.00	59.06 2.19 0.00	53.23 1.89 0.00	53.63 1.74 0.00	54.78 1.79 0.00
V_F_30_SYNC_DSASP 323786	30.82 0.34 0.00	25.18 0.37 0.00	28.02 0.45 0.00	25.68 0.43 0.00	26.23 0.37 0.00	27.73 0.42 0.00	46.27 0.65 0.00	59.65 0.54 0.00	40.35 0.34 0.00	26.73 0.21 0.00	33.98 0.19 0.00	40.73 -0.15 0.00	40.62 0.03 0.00	41.30 0.07 0.00	38.28 0.29 0.00	38.01 0.35 0.00	39.63 0.62 0.00	74.11 1.23 0.00	279.35 4.05 0.00	105.40 0.81 0.00	57.45 0.57 0.00	51.82 0.48 0.00	52.27 0.38 0.00	53.32 0.33 0.00
V_XM_10_SYNC_DSASP 323789	31.08 0.59 0.00	25.23 0.42 0.00	27.84 0.27 0.00	25.49 0.24 0.00	26.24 0.39 0.00	27.76 0.45 0.00	45.31 -0.31 0.00	58.97 -0.14 0.00	40.01 0.00 0.00	26.69 0.17 0.00	33.80 0.01 0.00	40.61 -0.27 0.00	40.68 0.09 0.00	41.59 0.37 0.00	38.43 0.45 0.00	38.50 0.84 0.00	39.12 0.10 0.00	71.77 -1.10 0.00	274.23 -1.07 0.00	105.73 1.14 0.00	57.46 0.59 0.00	51.86 0.52 0.00	52.93 1.04 0.00	54.37 1.38 0.00
W.BABYLN_69_KV_BK1 56697	32.30 1.81 0.00	26.16 1.36 0.00	29.01 1.44 0.00	26.58 1.32 0.00	27.01 1.16 0.00	27.43 1.12 1.00	45.66 2.34 2.30	59.01 3.10 3.19	39.95 1.87 1.92	28.01 1.38 -0.10	36.01 2.22 0.00	39.94 2.54 3.48	38.67 2.74 4.65	39.64 2.46 4.05	38.60 2.58 1.96	39.79 2.44 0.31	40.43 2.48 1.06	74.00 4.18 3.05	194.30 11.64 92.65	110.42 5.42 -0.41	57.62 3.09 2.34	51.88 2.66 2.11	52.27 2.52 2.13	53.85 1.76 0.90
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.00 1.52 0.00	25.94 1.13 0.00	28.75 1.18 0.00	26.35 1.10 0.00	26.95 1.10 0.00	28.60 1.30 0.00	48.26 2.64 0.00	62.40 3.29 0.00	42.16 2.15 0.00	27.96 1.44 0.00	35.86 2.07 0.00	43.57 2.68 0.00	43.37 2.79 0.00	43.98 2.75 0.00	40.59 2.61 0.00	40.16 2.50 0.00	41.52 2.50 0.00	77.52 4.65 0.00	292.34 17.04 0.00	110.80 6.21 0.00	60.08 3.21 0.00	54.04 2.71 0.00	54.66 2.77 0.00	55.36 2.38 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.06 1.58 0.00	26.00 1.18 0.00	28.80 1.23 0.00	26.40 1.15 0.00	26.96 1.10 0.00	28.50 1.19 0.00	48.04 2.42 0.00	62.17 3.06 0.00	42.03 2.02 0.00	27.92 1.40 0.00	35.81 2.01 0.00	43.47 2.58 0.00	43.28 2.69 0.00	43.85 2.63 0.00	40.49 2.51 0.00	40.06 2.40 0.00	41.55 2.53 0.00	77.15 4.28 0.00	290.09 14.78 0.00	110.04 5.45 0.00	59.79 2.91 0.00	53.84 2.50 0.00	54.52 2.63 0.00	55.18 2.19 0.00
W50THST__13_KV_LOAD 356117	32.16 1.68 0.00	26.08 1.27 0.00	28.89 1.32 0.00	26.48 1.23 0.00	27.04 1.19 0.00	28.60 1.29 0.00	48.21 2.60 0.00	62.41 3.31 0.00	42.20 2.20 0.00	28.05 1.52 0.00	35.97 2.18 0.00	43.68 2.80 0.00	43.50 2.91 0.00	44.07 2.84 0.00	40.68 2.70 0.00	40.25 2.59 0.00	41.74 2.72 0.00	77.56 4.68 0.00	291.79 16.48 0.00	110.65 6.06 0.00	60.09 3.22 0.00	54.09 2.76 0.00	54.78 2.89 0.00	55.43 2.44 0.00
WADING RIVER_IC_1 23522	32.01 1.53 0.00	25.88 1.07 0.00	28.75 1.18 0.00	26.37 1.12 0.00	26.74 0.89 0.00	24.33 0.81 3.78	38.53 1.65 8.74	49.18 2.19 12.11	33.91 1.19 7.28	25.42 1.00 2.11	35.44 1.65 0.00	-0.67 1.41 42.97	-15.11 1.71 57.41	-7.34 1.40 49.97	14.07 1.71 25.63	34.44 1.54 4.76	37.01 2.01 4.02	64.68 3.38 11.58	151.46 5.50 129.34	96.97 4.47 12.09	50.65 2.65 8.88	45.48 2.15 8.00	45.20 1.40 8.08	49.82 0.26 3.43
WADING RIVER_IC_2 23547	32.01 1.53 0.00	25.88 1.07 0.00	28.75 1.18 0.00	26.37 1.12 0.00	26.74 0.89 0.00	24.33 0.81 3.78	38.53 1.65 8.74	49.18 2.19 12.11	33.91 1.19 7.28	25.42 1.00 2.11	35.44 1.65 0.00	-0.67 1.41 42.97	-15.11 1.71 57.41	-7.34 1.40 49.97	14.07 1.71 25.63	34.44 1.54 4.76	37.01 2.01 4.02	64.68 3.38 11.58	151.46 5.50 129.34	96.97 4.47 12.09	50.65 2.65 8.88	45.48 2.15 8.00	45.20 1.40 8.08	49.82 0.26 3.43
WADING RIVER_IC_3 23601	32.01 1.53 0.00	25.88 1.07 0.00	28.75 1.18 0.00	26.37 1.12 0.00	26.74 0.89 0.00	24.33 0.81 3.78	38.53 1.65 8.74	49.18 2.19 12.11	33.91 1.19 7.28	25.42 1.00 2.11	35.44 1.65 0.00	-0.67 1.41 42.97	-15.11 1.71 57.41	-7.34 1.40 49.97	14.07 1.71 25.63	34.44 1.54 4.76	37.01 2.01 4.02	64.68 3.38 11.58	151.46 5.50 129.34	96.97 4.47 12.09	50.65 2.65 8.88	45.48 2.15 8.00	45.20 1.40 8.08	49.82 0.26 3.43
WALDENNY_12_KV_BK2 80841	28.86 -1.62 0.00	23.32 -1.49 0.00	25.83 -1.74 0.00	23.42 -1.83 0.00	24.33 -1.52 0.00	26.22 -1.08 0.00	43.56 -2.06 0.00	56.07 -3.04 0.00	38.47 -1.54 0.00	25.71 -0.82 0.00	33.16 -0.63 0.00	40.98 0.09 0.00	40.07 -0.52 0.00	40.62 -0.61 0.00	36.96 -1.02 0.00	36.03 -1.63 0.00	34.88 -2.68 1.45	67.43 -4.79 0.65	260.28 -15.03 0.00	99.44 -5.15 0.00	52.49 -3.45 0.94	48.47 -2.87 0.00	49.74 -2.15 0.00	51.63 -1.36 0.00
WALDEN__HYDRO 24148	31.84 1.35 0.00	25.83 1.02 0.00	28.64 1.08 0.00	26.27 1.02 0.00	26.84 0.98 0.00	28.36 1.05 0.00	47.79 2.17 0.00	61.78 2.68 0.00	41.77 1.77 0.00	27.69 1.17 0.00	35.40 1.61 0.00	43.01 2.12 0.00	42.80 2.22 0.00	43.38 2.16 0.00	40.07 2.08 0.00	39.69 2.03 0.00	41.18 2.17 0.00	76.64 3.76 0.00	288.97 13.66 0.00	109.55 4.96 0.00	59.49 2.61 0.00	53.58 2.25 0.00	54.20 2.31 0.00	54.94 1.95 0.00
WARRENSBURG____ 23737	31.70 1.22 0.00	25.76 0.95 0.00	28.63 1.06 0.00	26.25 1.00 0.00	26.86 1.01 0.00	28.37 1.06 0.00	47.64 2.02 0.00	61.27 2.17 0.00	41.28 1.27 0.00	27.16 0.64 0.00	34.42 0.63 0.00	41.68 0.80 0.00	41.64 1.05 0.00	42.39 1.16 0.00	39.06 1.07 0.00	38.95 1.29 0.00	40.64 1.62 0.00	75.92 3.05 0.00	287.96 12.66 0.00	108.28 3.70 0.00	58.97 2.10 0.00	53.02 1.68 0.00	53.31 1.42 0.00	54.55 1.56 0.00
WATERSIDE____6 8 9 23538	32.09 1.61 0.00	26.02 1.21 0.00	28.82 1.26 0.00	26.42 1.17 0.00	26.99 1.13 0.00	28.51 1.20 0.00	48.01 2.39 0.00	62.13 3.02 0.00	42.01 2.01 0.00	27.94 1.41 0.00	35.82 2.03 0.00	43.52 2.63 0.00	43.32 2.73 0.00	43.87 2.65 0.00	40.52 2.54 0.00	40.08 2.42 0.00	41.55 2.54 0.00	77.04 4.17 0.00	289.78 14.47 0.00	110.02 5.43 0.00	59.80 2.93 0.00	53.86 2.52 0.00	54.58 2.69 0.00	55.19 2.20 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.12 0.63 0.00	25.32 0.51 0.00	28.16 0.59 0.00	25.80 0.55 0.00	26.42 0.57 0.00	27.94 0.63 0.00	46.89 1.27 0.00	60.61 1.51 0.00	40.80 0.79 0.00	26.86 0.33 0.00	34.20 0.41 0.00	41.26 0.37 0.00	40.97 0.38 0.00	41.70 0.47 0.00	38.51 0.53 0.00	38.26 0.60 0.00	40.05 1.04 0.00	75.13 2.26 0.00	283.61 8.30 0.00	107.28 2.69 0.00	58.20 1.33 0.00	52.59 1.25 0.00	53.05 1.16 0.00	54.10 1.12 0.00

WDELAWARE___HYD 323627	31.33 0.84 0.00	25.42 0.61 0.00	28.20 0.63 0.00	25.87 0.62 0.00	26.43 0.57 0.00	27.93 0.62 0.00	47.09 1.47 0.00	61.09 1.99 0.00	41.27 1.26 0.00	27.32 0.79 0.00	34.92 1.13 0.00	42.36 1.48 0.00	41.94 1.35 0.00	41.59 0.36 0.00	38.38 0.40 0.00	38.06 0.40 0.00	39.56 0.54 0.00	73.72 0.85 0.00	277.93 2.62 0.00	105.40 0.81 0.00	57.38 0.51 0.00	52.91 1.57 0.00	53.48 1.59 0.00	54.22 1.23 0.00
WEST BABYLON___IC 23714	32.30 1.81 0.00	26.16 1.36 0.00	29.01 1.44 0.00	26.58 1.32 0.00	27.01 1.16 0.00	27.43 1.12 1.00	45.66 2.34 2.30	59.01 3.10 3.19	39.95 1.87 1.92	28.01 1.38 -0.10	36.01 2.22 0.00	39.94 2.54 3.48	38.67 2.74 4.65	39.64 2.46 4.05	38.60 2.58 1.96	39.79 2.44 0.31	40.43 2.48 1.06	74.00 4.18 3.05	194.30 11.64 92.65	110.42 5.42 -0.41	57.62 3.09 2.34	51.88 2.66 2.11	52.27 2.52 2.13	53.85 1.76 0.90
WEST CANADA___HYD 24049	30.59 0.10 0.00	24.89 0.08 0.00	27.68 0.11 0.00	25.37 0.12 0.00	25.97 0.12 0.00	27.41 0.10 0.00	45.92 0.30 0.00	59.40 0.30 0.00	40.13 0.13 0.00	26.58 0.06 0.00	33.88 0.09 0.00	40.94 0.05 0.00	40.65 0.06 0.00	41.30 0.08 0.00	38.10 0.11 0.00	37.82 0.16 0.00	39.29 0.27 0.00	73.45 0.58 0.00	277.18 1.87 0.00	105.14 0.56 0.00	57.02 0.14 0.00	51.44 0.11 0.00	51.96 0.07 0.00	53.04 0.05 0.00
WESTERN_NY_WIND 24143	29.51 -0.97 0.00	23.88 -0.93 0.00	26.48 -1.09 0.00	24.06 -1.19 0.00	24.94 -0.92 0.00	26.86 -0.45 0.00	44.72 -0.90 0.00	57.71 -1.39 0.00	39.57 -0.44 0.00	26.37 -0.16 0.00	33.87 0.08 0.00	41.73 0.84 0.00	40.89 0.30 0.00	41.29 0.06 0.00	37.56 -0.43 0.00	36.27 -1.39 0.00	35.73 -2.44 0.84	68.15 -4.21 0.51	263.31 -12.00 0.00	102.49 -2.10 0.00	54.35 -1.79 0.73	49.89 -1.44 0.00	50.88 -1.01 0.00	52.63 -0.36 0.00
WESTOVER___LESR 323668	30.36 -0.12 0.00	24.59 -0.22 0.00	27.40 -0.17 0.00	25.07 -0.18 0.00	25.70 -0.15 0.00	27.26 -0.05 0.00	45.63 0.01 0.00	59.00 -0.11 0.00	39.93 -0.08 0.00	26.45 -0.07 0.00	33.93 0.14 0.00	41.38 0.49 0.00	40.85 0.26 0.00	41.52 0.29 0.00	38.15 0.17 0.00	37.74 0.08 0.00	38.86 -0.15 0.00	72.30 -0.24 0.33	274.31 -1.00 0.00	104.37 -0.21 0.00	55.94 -0.46 0.48	51.00 -0.33 0.00	51.76 -0.13 0.00	52.94 -0.04 0.00
WETHRSFD_WT_PWR 323626	28.42 -2.06 0.00	23.00 -1.81 0.00	25.52 -2.05 0.00	23.08 -2.17 0.00	23.87 -1.99 0.00	25.67 -1.64 0.00	42.80 -2.82 0.00	55.19 -3.92 0.00	37.81 -2.19 0.00	25.27 -1.26 0.00	32.59 -1.21 0.00	40.08 -0.81 0.00	39.15 -1.44 0.00	39.74 -1.48 0.00	36.32 -1.66 0.00	35.55 -2.11 4.75	31.38 -2.89 4.75	67.14 -4.78 0.95	259.83 -15.48 0.00	98.83 -5.76 0.00	51.75 -3.76 1.37	48.18 -3.16 0.00	49.36 -2.53 0.00	51.21 -1.77 0.00
WHAVSTOR_138KV_BK127 55557	31.83 1.34 0.00	25.80 1.00 0.00	28.60 1.02 0.00	26.21 0.96 0.00	26.78 0.93 0.00	28.31 1.00 0.00	47.71 2.09 0.00	61.64 2.53 0.00	41.64 1.64 0.00	27.64 1.12 0.00	35.43 1.64 0.00	43.04 2.15 0.00	42.86 2.27 0.00	43.43 2.21 0.00	40.09 2.11 0.00	39.68 2.02 0.00	41.16 2.15 0.00	76.53 3.65 0.00	288.43 13.12 0.00	109.34 4.75 0.00	59.34 2.47 0.00	53.40 2.06 0.00	54.05 2.16 0.00	54.77 1.78 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.83 1.34 0.00	25.80 1.00 0.00	28.60 1.02 0.00	26.21 0.96 0.00	26.78 0.93 0.00	28.31 1.00 0.00	47.71 2.09 0.00	61.64 2.53 0.00	41.64 1.64 0.00	27.64 1.12 0.00	35.43 1.64 0.00	43.04 2.15 0.00	42.86 2.27 0.00	43.43 2.21 0.00	40.09 2.11 0.00	39.68 2.02 0.00	41.16 2.15 0.00	76.53 3.65 0.00	288.43 13.12 0.00	109.34 4.75 0.00	59.34 2.47 0.00	53.40 2.06 0.00	54.05 2.16 0.00	54.77 1.78 0.00
WHITEHAL_115KV_TB1 80871	32.69 2.21 0.00	26.55 1.74 0.00	29.39 1.83 0.00	26.97 1.72 0.00	27.63 1.77 0.00	29.18 1.87 0.00	49.23 3.61 0.00	62.79 3.68 0.00	42.22 2.22 0.00	27.76 1.23 0.00	34.76 0.97 0.00	42.19 1.31 0.00	42.44 1.85 0.00	43.52 2.29 0.00	40.18 2.19 0.00	40.38 2.72 0.00	42.18 3.17 0.00	78.13 5.26 0.00	299.74 24.43 0.00	111.45 6.86 0.00	60.78 3.91 0.00	54.35 3.02 0.00	54.28 2.39 0.00	55.77 2.79 0.00
WHITEPLN_13_KV_LOAD 356215	32.14 1.65 0.00	26.06 1.25 0.00	28.87 1.30 0.00	26.47 1.22 0.00	27.03 1.17 0.00	28.58 1.27 0.00	48.19 2.57 0.00	62.36 3.25 0.00	42.17 2.16 0.00	28.01 1.48 0.00	35.90 2.11 0.00	43.55 2.66 0.00	43.36 2.78 0.00	43.96 2.74 0.00	40.60 2.62 0.00	40.19 2.53 0.00	41.66 2.65 0.00	77.51 4.63 0.00	291.88 16.57 0.00	110.65 6.06 0.00	60.07 3.19 0.00	54.06 2.73 0.00	54.66 2.77 0.00	55.34 2.35 0.00
WM_FLOYD_69_KV_BK2 356380	32.07 1.59 0.00	25.92 1.12 0.00	28.79 1.23 0.00	26.40 1.15 0.00	26.80 0.95 0.00	24.58 0.87 3.60	39.04 1.75 8.33	49.87 2.30 11.54	34.33 1.27 6.94	25.61 1.06 1.97	35.49 1.70 0.00	0.02 1.51 42.38	-14.20 1.84 56.63	-6.55 1.52 49.29	14.48 1.78 25.27	34.62 1.66 4.69	37.25 2.06 3.83	65.35 3.51 11.04	154.97 7.09 127.43	98.00 4.74 11.32	51.18 2.76 8.46	45.94 2.23 7.63	45.82 1.64 7.71	50.35 0.63 3.27
WOODARD___115KV_TB2 355635	29.94 -0.54 0.00	24.34 -0.47 0.00	27.06 -0.51 0.00	24.79 -0.46 0.00	25.41 -0.44 0.00	26.85 -0.45 0.00	44.94 -0.69 0.00	58.18 -0.93 0.00	39.37 -0.63 0.00	26.08 -0.44 0.00	33.30 -0.49 0.00	40.45 -0.43 0.00	40.08 -0.51 0.00	40.71 -0.52 0.00	37.47 -0.51 0.00	37.09 -0.57 0.00	38.38 -0.63 0.00	71.67 -1.21 0.00	270.64 -4.66 0.00	102.89 -1.70 0.00	55.82 -1.06 0.00	50.37 -0.96 0.00	50.87 -1.01 0.00	51.96 -1.03 0.00
WOODMERE_69_KV_BK1 55827	32.26 1.77 0.00	26.13 1.33 0.00	28.96 1.39 0.00	26.53 1.28 0.00	27.01 1.16 0.00	28.50 1.20 0.00	48.08 2.46 0.00	62.18 3.08 0.00	41.89 1.89 -1.25	29.20 1.42 0.00	36.02 2.23 0.00	43.60 2.71 0.00	43.48 2.89 0.00	43.90 2.67 0.00	41.46 2.77 -0.71	40.79 2.63 -0.50	41.68 2.66 0.00	77.32 4.44 0.00	291.71 14.12 -2.28	117.34 5.93 -6.82	60.20 3.32 0.00	54.20 2.86 0.00	54.67 2.78 0.00	55.11 2.12 0.00
YORK___WARBASSE 23770	32.19 1.71 0.00	26.10 1.29 0.00	28.91 1.34 0.00	26.50 1.25 0.00	27.07 1.22 0.00	28.62 1.31 0.00	48.25 2.63 0.00	62.43 3.32 0.00	42.23 2.23 0.00	28.07 1.54 0.00	35.93 2.14 0.00	43.59 2.71 0.00	43.38 2.79 0.00	43.94 2.72 0.00	40.60 2.62 0.00	40.13 2.47 0.00	41.63 2.61 0.00	77.15 4.27 0.00	290.67 15.36 0.00	110.46 5.87 0.00	60.00 3.13 0.00	54.02 2.68 0.00	54.75 2.87 0.00	55.39 2.40 0.00