

ARTHUR_KILL_COGEN 323718	61.01 2.80 0.00	52.44 2.73 0.00	39.02 2.11 0.00	52.66 2.53 0.00	40.04 2.06 0.00	47.99 2.47 0.00	43.85 2.36 0.00	35.73 1.84 0.00	40.42 2.12 0.00	53.35 2.67 0.00	68.28 3.46 0.00	63.48 3.30 0.00	81.80 4.02 0.00	72.44 3.70 0.00	64.21 3.56 0.00	48.74 3.08 -2.42	51.45 3.31 0.00	56.10 3.73 0.00	51.14 3.69 0.00	53.31 3.65 0.00	56.77 3.43 0.10	63.27 3.31 0.00	72.68 3.53 0.00	100.50 4.55 0.00
ASHOKAN____ 23654	63.68 5.47 0.00	54.20 4.50 0.00	40.21 3.30 0.00	54.49 4.36 0.00	41.30 3.31 0.00	49.66 4.13 0.00	45.38 3.91 0.00	37.20 3.32 0.00	42.20 3.90 0.00	55.76 5.09 0.00	71.11 6.28 0.00	65.81 5.62 0.00	84.43 6.65 0.00	74.42 5.67 0.00	65.87 5.22 0.00	47.43 4.19 0.00	53.28 5.14 0.00	58.26 5.89 0.00	52.89 5.43 0.00	55.33 5.67 0.00	59.37 5.93 0.00	66.22 6.25 0.00	75.87 6.71 0.00	104.92 8.97 0.00
ASTORIA_EAST_ENERGY_CC1 323581	60.88 2.67 0.00	52.10 2.40 0.00	38.78 1.87 0.00	52.50 2.37 0.00	39.81 1.83 0.00	47.72 2.20 0.00	43.77 2.30 0.00	35.60 1.72 0.00	40.28 1.98 0.00	53.38 2.70 0.00	68.49 3.67 0.00	63.54 3.35 0.00	81.98 4.20 0.00	72.58 3.83 0.00	64.17 3.52 0.00	46.11 2.87 0.00	51.39 3.18 -0.07	56.04 3.59 -0.08	50.95 3.49 0.00	53.28 3.63 0.00	57.07 3.63 0.00	63.39 3.42 0.00	72.73 3.57 0.00	100.73 4.78 0.00
ASTORIA_EAST_ENERGY_CC2 323582	60.88 2.67 0.00	52.10 2.40 0.00	38.78 1.87 0.00	52.51 2.38 0.00	39.82 1.83 0.00	47.72 2.20 0.00	43.79 2.31 0.00	35.61 1.73 0.00	40.28 1.98 0.00	53.38 2.70 0.00	68.50 3.67 0.00	63.54 3.35 0.00	81.98 4.21 0.00	72.59 3.84 0.00	64.17 3.52 0.00	46.11 2.87 0.00	51.39 3.18 -0.07	56.04 3.59 -0.08	50.95 3.49 0.00	53.28 3.63 0.00	57.07 3.63 0.00	63.39 3.42 0.00	72.73 3.57 0.00	100.76 4.81 0.00
ASTORIA_GT2_1 24094	60.92 2.71 0.00	52.12 2.42 0.00	38.81 1.91 0.00	52.52 2.39 0.00	39.84 1.85 0.00	47.75 2.23 0.00	43.81 2.33 0.00	35.62 1.74 0.00	40.31 2.01 0.00	53.41 2.73 0.00	68.53 3.71 0.00	63.57 3.38 0.00	82.02 4.24 0.00	72.59 3.83 0.00	64.20 3.56 0.00	46.12 2.88 0.00	51.42 3.21 -0.07	56.08 3.63 -0.08	50.98 3.53 0.00	53.32 3.66 0.00	57.11 3.68 0.00	63.41 3.44 0.00	72.77 3.62 0.00	100.81 4.86 0.00
ASTORIA_GT2_2 24095	60.92 2.71 0.00	52.12 2.42 0.00	38.81 1.91 0.00	52.52 2.39 0.00	39.84 1.85 0.00	47.75 2.23 0.00	43.81 2.33 0.00	35.62 1.74 0.00	40.31 2.01 0.00	53.41 2.73 0.00	68.53 3.71 0.00	63.57 3.38 0.00	82.02 4.24 0.00	72.59 3.83 0.00	64.20 3.56 0.00	46.12 2.88 0.00	51.42 3.21 -0.07	56.08 3.63 -0.08	50.98 3.53 0.00	53.32 3.66 0.00	57.11 3.68 0.00	63.41 3.44 0.00	72.77 3.62 0.00	100.81 4.86 0.00
ASTORIA_GT2_3 24096	60.92 2.71 0.00	52.12 2.42 0.00	38.81 1.91 0.00	52.52 2.39 0.00	39.84 1.85 0.00	47.75 2.23 0.00	43.81 2.33 0.00	35.62 1.74 0.00	40.31 2.01 0.00	53.41 2.73 0.00	68.53 3.71 0.00	63.57 3.38 0.00	82.02 4.24 0.00	72.59 3.83 0.00	64.20 3.56 0.00	46.12 2.88 0.00	51.42 3.21 -0.07	56.08 3.63 -0.08	50.98 3.53 0.00	53.32 3.66 0.00	57.11 3.68 0.00	63.41 3.44 0.00	72.77 3.62 0.00	100.81 4.86 0.00
ASTORIA_GT2_4 24097	60.92 2.71 0.00	52.12 2.42 0.00	38.81 1.91 0.00	52.52 2.39 0.00	39.84 1.85 0.00	47.75 2.23 0.00	43.81 2.33 0.00	35.62 1.74 0.00	40.31 2.01 0.00	53.41 2.73 0.00	68.53 3.71 0.00	63.57 3.38 0.00	82.02 4.24 0.00	72.59 3.83 0.00	64.20 3.56 0.00	46.12 2.88 0.00	51.42 3.21 -0.07	56.08 3.63 -0.08	50.98 3.53 0.00	53.32 3.66 0.00	57.11 3.68 0.00	63.41 3.44 0.00	72.77 3.62 0.00	100.81 4.86 0.00
ASTORIA_GT3_1 24098	60.92 2.71 0.00	52.12 2.42 0.00	38.81 1.91 0.00	52.52 2.39 0.00	39.84 1.85 0.00	47.75 2.23 0.00	43.81 2.33 0.00	35.62 1.74 0.00	40.31 2.01 0.00	53.41 2.73 0.00	68.53 3.71 0.00	63.57 3.38 0.00	82.02 4.24 0.00	72.59 3.83 0.00	64.20 3.56 0.00	46.12 2.88 0.00	51.42 3.21 -0.07	56.08 3.63 -0.08	50.98 3.53 0.00	53.32 3.66 0.00	57.11 3.68 0.00	63.41 3.44 0.00	72.77 3.62 0.00	100.81 4.86 0.00
ASTORIA_GT3_2 24099	60.92 2.71 0.00	52.12 2.42 0.00	38.81 1.91 0.00	52.52 2.39 0.00	39.84 1.85 0.00	47.75 2.23 0.00	43.81 2.33 0.00	35.62 1.74 0.00	40.31 2.01 0.00	53.41 2.73 0.00	68.53 3.71 0.00	63.57 3.38 0.00	82.02 4.24 0.00	72.59 3.83 0.00	64.20 3.56 0.00	46.12 2.88 0.00	51.42 3.21 -0.07	56.08 3.63 -0.08	50.98 3.53 0.00	53.32 3.66 0.00	57.11 3.68 0.00	63.41 3.44 0.00	72.77 3.62 0.00	100.81 4.86 0.00
ASTORIA_GT3_3 24100	60.92 2.71 0.00	52.12 2.42 0.00	38.81 1.91 0.00	52.52 2.39 0.00	39.84 1.85 0.00	47.75 2.23 0.00	43.81 2.33 0.00	35.62 1.74 0.00	40.31 2.01 0.00	53.41 2.73 0.00	68.53 3.71 0.00	63.57 3.38 0.00	82.02 4.24 0.00	72.59 3.83 0.00	64.20 3.56 0.00	46.12 2.88 0.00	51.42 3.21 -0.07	56.08 3.63 -0.08	50.98 3.53 0.00	53.32 3.66 0.00	57.11 3.68 0.00	63.41 3.44 0.00	72.77 3.62 0.00	100.81 4.86 0.00
ASTORIA_GT3_4 24101	60.92 2.71 0.00	52.12 2.42 0.00	38.81 1.91 0.00	52.52 2.39 0.00	39.84 1.85 0.00	47.75 2.23 0.00	43.81 2.33 0.00	35.62 1.74 0.00	40.31 2.01 0.00	53.41 2.73 0.00	68.53 3.71 0.00	63.57 3.38 0.00	82.02 4.24 0.00	72.59 3.83 0.00	64.20 3.56 0.00	46.12 2.88 0.00	51.42 3.21 -0.07	56.08 3.63 -0.08	50.98 3.53 0.00	53.32 3.66 0.00	57.11 3.68 0.00	63.41 3.44 0.00	72.77 3.62 0.00	100.81 4.86 0.00
ASTORIA_GT4_1 24102	60.92 2.71 0.00	52.12 2.42 0.00	38.81 1.91 0.00	52.52 2.39 0.00	39.84 1.85 0.00	47.75 2.23 0.00	43.81 2.33 0.00	35.62 1.74 0.00	40.31 2.01 0.00	53.41 2.73 0.00	68.53 3.71 0.00	63.57 3.38 0.00	82.02 4.24 0.00	72.59 3.83 0.00	64.20 3.56 0.00	46.12 2.88 0.00	51.42 3.21 -0.07	56.08 3.63 -0.08	50.98 3.53 0.00	53.32 3.66 0.00	57.11 3.68 0.00	63.41 3.44 0.00	72.77 3.62 0.00	100.81 4.86 0.00
ASTORIA_GT4_2 24103	60.92 2.71 0.00	52.12 2.42 0.00	38.81 1.91 0.00	52.52 2.39 0.00	39.84 1.85 0.00	47.75 2.23 0.00	43.81 2.33 0.00	35.62 1.74 0.00	40.31 2.01 0.00	53.41 2.73 0.00	68.53 3.71 0.00	63.57 3.38 0.00	82.02 4.24 0.00	72.59 3.83 0.00	64.20 3.56 0.00	46.12 2.88 0.00	51.42 3.21 -0.07	56.08 3.63 -0.08	50.98 3.53 0.00	53.32 3.66 0.00	57.11 3.68 0.00	63.41 3.44 0.00	72.77 3.62 0.00	100.81 4.86 0.00
ASTORIA_GT4_3 24104	60.92 2.71 0.00	52.12 2.42 0.00	38.81 1.91 0.00	52.52 2.39 0.00	39.84 1.85 0.00	47.75 2.23 0.00	43.81 2.33 0.00	35.62 1.74 0.00	40.31 2.01 0.00	53.41 2.73 0.00	68.53 3.71 0.00	63.57 3.38 0.00	82.02 4.24 0.00	72.59 3.83 0.00	64.20 3.56 0.00	46.12 2.88 0.00	51.42 3.21 -0.07	56.08 3.63 -0.08	50.98 3.53 0.00	53.32 3.66 0.00	57.11 3.68 0.00	63.41 3.44 0.00	72.77 3.62 0.00	100.81 4.86 0.00

BRISTLHL_115KV_TB1 79998	56.23 -1.98 0.00	48.05 -1.65 0.00	35.70 -1.20 0.00	48.42 -1.71 0.00	36.76 -1.23 0.00	44.02 -1.50 0.00	40.13 -1.35 0.00	32.81 -1.08 0.00	37.07 -1.23 0.00	49.07 -1.60 0.00	62.69 -2.14 0.00	58.24 -1.95 0.00	75.23 -2.55 0.00	66.49 -2.26 0.00	58.66 -1.98 0.00	41.90 -1.34 0.00	46.64 -1.50 0.00	50.75 -1.62 0.00	45.92 -1.53 0.00	48.07 -1.59 0.00	51.72 -1.71 0.00	57.86 -2.11 0.00	66.61 -2.55 0.00	92.31 -3.64 0.00
BROOKHAVEN___DRP 24191	62.86 4.65 0.00	53.70 4.00 0.00	40.01 3.10 0.00	54.00 3.87 0.00	40.83 2.84 0.00	48.97 3.45 0.00	44.49 3.02 0.00	36.50 2.61 0.00	41.37 3.07 0.00	54.97 4.29 0.00	70.92 6.09 0.00	65.53 5.34 0.00	84.11 6.33 0.00	74.28 5.53 0.00	66.38 5.73 0.00	47.89 4.65 0.00	74.01 5.26 -20.61	102.93 6.20 -44.36	103.47 5.83 -50.18	111.33 6.08 -55.59	103.03 6.34 -43.26	66.47 6.49 -0.01	78.63 6.94 -2.54	104.88 8.93 0.00
BROOKLYN_NAVY_YARD 23515	60.75 2.54 0.00	51.93 2.23 0.00	38.58 1.68 0.00	52.21 2.09 0.00	39.60 1.62 0.00	47.51 1.99 0.00	43.47 1.99 0.00	35.50 1.61 0.00	40.18 1.88 0.00	53.23 2.55 0.00	68.21 3.38 0.00	63.30 3.11 0.00	81.60 3.82 0.00	72.22 3.47 0.00	63.89 3.24 0.00	45.93 2.69 0.00	51.22 2.98 -0.10	55.90 3.41 -0.12	50.75 3.29 0.00	53.05 3.39 0.00	56.89 3.46 0.00	63.26 3.29 0.00	72.39 3.23 0.00	100.04 4.09 0.00
BROOKLYN___ARMY_DRP 323595	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
BROOKVLE_69_KV_TB1 55790	61.66 3.45 0.00	52.81 3.10 0.00	39.29 2.39 0.00	53.15 3.02 0.00	40.29 2.31 0.00	48.33 2.81 0.00	44.10 2.62 0.00	36.08 2.20 0.00	40.85 2.55 0.00	54.22 3.55 0.00	69.38 4.56 0.00	64.29 4.10 0.00	82.73 4.95 0.00	73.15 4.40 0.00	64.95 4.31 0.00	46.62 3.38 0.00	81.95 3.77 -30.04	123.27 4.35 -66.55	129.40 4.19 -77.76	140.15 4.36 -86.13	125.00 4.54 -67.03	64.50 4.51 -0.01	77.81 4.73 -3.93	102.01 6.05 0.00
BROOME_2_LFGE 323671	57.94 -0.27 0.00	49.45 -0.25 0.00	36.70 -0.20 0.00	49.74 -0.38 0.00	37.76 -0.23 0.00	45.32 -0.20 0.00	41.21 -0.27 0.00	33.67 -0.21 0.00	38.05 -0.25 0.00	50.42 -0.25 0.00	64.32 -0.50 0.00	59.81 -0.38 0.00	77.30 -0.47 0.00	68.36 -0.39 0.00	60.33 -0.31 0.00	43.06 -0.18 0.00	47.84 -0.30 0.00	52.10 -0.26 0.00	47.19 -0.27 0.00	49.38 -0.28 0.00	53.09 -0.33 0.00	59.32 -0.65 0.00	68.28 -0.87 0.00	94.73 -1.22 0.00
BROOME___LFGE 323600	57.94 -0.27 0.00	49.45 -0.25 0.00	36.70 -0.20 0.00	49.74 -0.38 0.00	37.76 -0.23 0.00	45.32 -0.20 0.00	41.21 -0.27 0.00	33.67 -0.21 0.00	38.05 -0.25 0.00	50.42 -0.25 0.00	64.32 -0.50 0.00	59.81 -0.38 0.00	77.30 -0.47 0.00	68.36 -0.39 0.00	60.33 -0.31 0.00	43.06 -0.18 0.00	47.84 -0.30 0.00	52.10 -0.26 0.00	47.19 -0.27 0.00	49.38 -0.28 0.00	53.09 -0.33 0.00	59.32 -0.65 0.00	68.28 -0.87 0.00	94.73 -1.22 0.00
BROWNFLS_115KV_TB_3_5 80003	58.47 0.26 0.00	49.86 0.16 0.00	36.96 0.05 0.00	50.26 0.13 0.00	38.06 0.07 0.00	45.55 0.03 0.00	41.41 -0.07 0.00	33.84 -0.04 0.00	38.33 0.04 0.00	50.67 0.00 0.00	64.80 -0.02 0.00	60.23 0.04 0.00	77.61 -0.16 0.00	68.45 -0.30 0.00	60.28 -0.37 0.00	43.06 -0.18 0.00	48.07 -0.07 0.00	52.23 -0.14 0.00	47.31 -0.15 0.00	49.50 -0.16 0.00	53.25 -0.19 0.00	60.05 0.08 0.00	69.56 0.41 0.00	96.78 0.83 0.00
BROWNSV1_27_KV_LOAD 356125	61.55 3.34 0.00	52.61 2.91 0.00	39.09 2.18 0.00	52.88 2.75 0.00	40.10 2.11 0.00	48.11 2.59 0.00	44.00 2.52 0.00	35.94 2.06 0.00	40.69 2.39 0.00	53.92 3.24 0.00	69.11 4.28 0.00	64.13 3.94 0.00	82.68 4.91 0.00	73.14 4.39 0.00	64.74 4.09 0.00	46.53 3.29 0.00	51.77 3.63 0.00	56.53 4.16 0.00	51.44 3.98 0.00	53.75 4.10 0.00	57.67 4.23 0.00	64.10 4.13 0.00	73.38 4.23 0.00	101.39 5.44 0.00
BURROWS___LYONSDAL 23803	59.84 1.63 0.00	50.97 1.27 0.00	37.79 0.88 0.00	51.33 1.20 0.00	38.94 0.95 0.00	46.72 1.20 0.00	42.58 1.11 0.00	34.85 0.97 0.00	39.49 1.19 0.00	52.20 1.53 0.00	66.62 1.80 0.00	61.77 1.59 0.00	79.57 1.80 0.00	70.19 1.44 0.00	61.88 1.24 0.00	44.23 0.99 0.00	49.51 1.38 0.00	53.94 1.57 0.00	48.87 1.42 0.00	51.14 1.48 0.00	54.99 1.56 0.00	61.65 1.69 0.00	70.97 1.82 0.00	98.38 2.42 0.00
CAITHNESS_CC_1 323624	62.64 4.42 0.00	53.53 3.83 0.00	39.87 2.97 0.00	53.83 3.70 0.00	40.72 2.73 0.00	48.83 3.31 0.00	44.37 2.89 0.00	36.40 2.51 0.00	41.24 2.95 0.00	54.80 4.13 0.00	70.71 5.88 0.00	65.35 5.16 0.00	83.87 6.09 0.00	74.09 5.34 0.00	66.18 5.54 0.00	47.71 4.47 0.00	73.77 5.03 -20.60	102.64 5.92 -44.35	103.19 5.57 -50.16	111.05 5.83 -55.57	102.74 6.07 -43.24	66.18 6.21 -0.01	78.33 6.64 -2.53	104.50 8.55 0.00
CALPINE BETH_PAGE_GT4 24209	61.70 3.49 0.00	52.76 3.05 0.00	39.24 2.33 0.00	53.04 2.91 0.00	40.19 2.20 0.00	48.18 2.66 0.00	43.92 2.44 0.00	35.95 2.07 0.00	40.72 2.42 0.00	54.13 3.46 0.00	69.60 4.78 0.00	64.41 4.23 0.00	82.72 4.94 0.00	73.14 4.39 0.00	65.11 4.47 0.00	46.79 3.55 0.00	76.17 3.94 -24.09	109.61 4.60 -52.64	112.46 4.41 -60.60	121.41 4.63 -67.12	110.47 4.81 -52.24	64.76 4.78 -0.01	77.28 5.06 -3.06	102.42 6.47 0.00
CALPINE_BETH_PAGE_GT_4 323586	61.70 3.49 0.00	52.76 3.05 0.00	39.24 2.34 0.00	53.03 2.91 0.00	40.18 2.20 0.00	48.18 2.66 0.00	43.92 2.44 0.00	35.96 2.07 0.00	40.72 2.42 0.00	54.13 3.45 0.00	69.60 4.78 0.00	64.41 4.23 0.00	82.72 4.94 0.00	73.15 4.40 0.00	65.11 4.47 0.00	46.79 3.55 0.00	76.17 3.94 -24.09	109.60 4.59 -52.64	112.46 4.41 -60.60	121.41 4.63 -67.12	110.48 4.81 -52.24	64.76 4.79 -0.01	77.28 5.06 -3.06	102.42 6.47 0.00
CALPINE_BP_GT1 23823	61.70 3.49 0.00	52.76 3.05 0.00	39.24 2.34 0.00	53.03 2.91 0.00	40.18 2.20 0.00	48.18 2.66 0.00	43.92 2.44 0.00	35.96 2.07 0.00	40.72 2.42 0.00	54.13 3.45 0.00	69.60 4.78 0.00	64.41 4.23 0.00	82.72 4.94 0.00	73.15 4.40 0.00	65.11 4.47 0.00	46.79 3.55 0.00	76.17 3.94 -24.09	109.60 4.59 -52.64	112.46 4.41 -60.60	121.41 4.63 -67.12	110.48 4.81 -52.24	64.76 4.79 -0.01	77.28 5.06 -3.06	102.42 6.47 0.00
CALSPAN___DRP 24200	55.23 -2.98 0.00	47.43 -2.27 0.00	35.15 -1.75 0.00	47.54 -2.59 0.00	36.25 -1.74 0.00	43.43 -2.09 0.00	39.22 -2.26 0.00	31.51 -2.38 0.00	35.51 -2.79 0.00	46.87 -3.80 0.00	59.35 -5.48 0.00	55.27 -4.92 0.00	71.46 -6.32 0.00	63.22 -5.53 0.00	55.95 -4.70 0.00	40.32 -2.93 0.00	44.43 -3.71 0.00	48.00 -4.36 0.00	43.09 -4.37 0.00	45.05 -4.61 0.00	49.00 -4.44 0.00	54.49 -5.48 0.00	63.46 -5.70 0.00	88.56 -7.39 0.00

CALVERTON___SOLAR 323806	63.08 4.87 0.00	53.88 4.18 0.00	40.15 3.24 0.00	54.18 4.05 0.00	40.94 2.95 0.00	49.09 3.57 0.00	44.62 3.14 0.00	36.60 2.72 0.00	41.49 3.20 0.00	55.12 4.45 0.00	71.12 6.29 0.00	65.71 5.53 0.00	84.36 6.59 0.00	74.48 5.73 0.00	66.58 5.94 0.00	48.09 4.84 0.00	74.26 5.51 -20.61	103.20 6.47 -44.37	103.74 6.09 -50.19	111.60 6.34 -55.59	103.33 6.63 -43.26	66.77 6.80 -0.01	78.98 7.29 -2.54	105.32 9.37 0.00
CANDIGU_WT_PWR 323617	56.56 -1.66 0.00	48.37 -1.33 0.00	35.89 -1.02 0.00	48.54 -1.59 0.00	36.95 -1.04 0.00	44.34 -1.18 0.00	40.18 -1.30 0.00	32.70 -1.19 0.00	36.90 -1.40 0.00	48.80 -1.88 0.00	61.88 -2.95 0.00	57.54 -2.65 0.00	74.33 -3.45 0.00	65.77 -2.99 0.00	58.19 -2.45 0.00	41.71 -1.53 0.00	46.19 -1.95 0.00	50.23 -2.14 0.00	45.33 -2.13 0.00	47.46 -2.20 0.00	51.15 -2.29 0.00	57.03 -2.94 0.00	65.86 -3.30 0.00	91.49 -4.46 0.00
CARR STREET_E_SYR 24060	56.78 -1.43 0.00	48.49 -1.21 0.00	36.00 -0.90 0.00	48.82 -1.30 0.00	37.07 -0.92 0.00	44.45 -1.07 0.00	40.47 -1.01 0.00	33.08 -0.81 0.00	37.36 -0.94 0.00	49.44 -1.23 0.00	63.18 -1.65 0.00	58.65 -1.53 0.00	75.78 -2.00 0.00	66.97 -1.78 0.00	59.11 -1.53 0.00	42.23 -1.02 0.00	46.99 -1.15 0.00	51.14 -1.23 0.00	46.30 -1.16 0.00	48.44 -1.22 0.00	52.11 -1.32 0.00	58.28 -1.69 0.00	67.12 -2.03 0.00	93.10 -2.85 0.00
CARTHAGE___PAPER 23857	60.08 1.86 0.00	51.10 1.40 0.00	37.89 0.99 0.00	51.51 1.39 0.00	39.04 1.05 0.00	46.88 1.36 0.00	42.72 1.24 0.00	34.97 1.08 0.00	39.70 1.40 0.00	52.39 1.71 0.00	66.74 1.91 0.00	61.87 1.68 0.00	79.48 1.70 0.00	69.97 1.22 0.00	61.65 1.01 0.00	44.22 0.98 0.00	49.72 1.59 0.00	54.18 1.82 0.00	49.07 1.61 0.00	51.32 1.66 0.00	55.20 1.77 0.00	61.99 2.02 0.00	71.36 2.21 0.00	98.84 2.89 0.00
CASSADAGA_WT_PWR 323784	57.16 -1.05 0.00	49.01 -0.69 0.00	36.29 -0.61 0.00	49.09 -1.03 0.00	37.44 -0.54 0.00	44.88 -0.64 0.00	40.57 -0.90 0.00	32.65 -1.23 0.00	36.87 -1.42 0.00	48.80 -1.88 0.00	61.83 -2.99 0.00	57.52 -2.66 0.00	74.33 -3.44 0.00	65.71 -3.04 0.00	58.17 -2.47 0.00	41.91 -1.33 0.00	46.19 -1.94 0.00	50.03 -2.34 0.00	44.93 -2.52 0.00	46.99 -2.67 0.00	51.04 -2.39 0.00	56.71 -3.26 0.00	65.94 -3.22 0.00	91.85 -4.10 0.00
CE_DUNWOOD___DRP 24194	60.90 2.69 0.00	52.04 2.34 0.00	38.66 1.75 0.00	52.34 2.21 0.00	39.70 1.71 0.00	47.61 2.09 0.00	43.50 2.02 0.00	35.56 1.67 0.00	40.24 1.94 0.00	53.30 2.63 0.00	68.31 3.48 0.00	63.39 3.20 0.00	81.70 3.93 0.00	72.24 3.49 0.00	63.92 3.28 0.00	45.84 2.59 0.00	51.03 2.89 0.00	55.75 3.38 0.00	50.69 3.23 0.00	53.01 3.35 0.00	56.91 3.47 0.00	63.35 3.38 0.00	72.60 3.45 0.00	100.36 4.41 0.00
CE_MILLWOOD___DRP 24193	60.77 2.55 0.00	51.93 2.22 0.00	38.58 1.68 0.00	52.24 2.11 0.00	39.62 1.64 0.00	47.51 1.99 0.00	43.41 1.93 0.00	35.48 1.60 0.00	40.15 1.85 0.00	53.17 2.50 0.00	68.15 3.33 0.00	63.24 3.06 0.00	81.51 3.74 0.00	72.08 3.33 0.00	63.76 3.12 0.00	45.71 2.47 0.00	50.89 2.75 0.00	55.61 3.24 0.00	50.56 3.10 0.00	52.88 3.22 0.00	56.77 3.34 0.00	63.21 3.24 0.00	72.43 3.28 0.00	100.13 4.18 0.00
CE_NYC2_DRP 24202	60.97 2.76 0.00	52.17 2.46 0.00	38.79 1.88 0.00	52.47 2.35 0.00	39.81 1.82 0.00	47.73 2.21 0.00	43.70 2.22 0.00	35.66 1.77 0.00	40.37 2.07 0.00	53.47 2.80 0.00	68.62 3.80 0.00	63.68 3.49 0.00	82.03 4.25 0.00	72.58 3.83 0.00	64.24 3.59 0.00	46.15 2.91 0.00	51.32 3.18 0.00	56.01 3.64 0.00	50.95 3.49 0.00	53.27 3.61 0.00	57.15 3.72 0.00	63.54 3.57 0.00	72.75 3.59 0.00	100.60 4.65 0.00
CE_NYC_DRP 24195	60.99 2.78 0.00	52.14 2.43 0.00	38.74 1.84 0.00	52.43 2.30 0.00	39.76 1.78 0.00	47.69 2.17 0.00	43.63 2.15 0.00	35.64 1.76 0.00	40.34 2.05 0.00	53.45 2.77 0.00	68.48 3.65 0.00	63.53 3.34 0.00	81.89 4.12 0.00	72.45 3.70 0.00	64.13 3.48 0.00	46.10 2.85 0.00	51.26 3.13 0.00	55.99 3.62 0.00	50.93 3.48 0.00	53.24 3.59 0.00	57.11 3.67 0.00	63.50 3.53 0.00	72.69 3.54 0.00	100.42 4.47 0.00
CHAFFEE___LFGE 323603	55.66 -2.55 0.00	47.78 -1.92 0.00	35.40 -1.51 0.00	47.88 -2.25 0.00	36.50 -1.48 0.00	43.75 -1.78 0.00	39.52 -1.96 0.00	31.77 -2.12 0.00	35.82 -2.47 0.00	47.32 -3.35 0.00	59.95 -4.87 0.00	55.80 -4.38 0.00	72.16 -5.62 0.00	63.79 -4.96 0.00	56.49 -4.15 0.00	40.69 -2.55 0.00	44.85 -3.29 0.00	48.53 -3.84 0.00	43.55 -3.91 0.00	45.53 -4.13 0.00	49.49 -3.94 0.00	55.04 -4.93 0.00	64.04 -5.12 0.00	89.30 -6.65 0.00
CHATEAUG_35_KV_LOAD 355732	58.99 0.78 0.00	50.44 0.74 0.00	37.35 0.45 0.00	50.80 0.67 0.00	38.44 0.45 0.00	46.12 0.60 0.00	42.03 0.55 0.00	34.30 0.42 0.00	38.71 0.42 0.00	51.25 0.58 0.00	65.48 0.65 0.00	60.65 0.46 0.00	78.33 0.55 0.00	69.24 0.49 0.00	61.08 0.44 0.00	43.56 0.31 0.00	48.55 0.41 0.00	52.58 0.21 0.00	47.64 0.19 0.00	49.82 0.17 0.00	53.68 0.25 0.00	60.75 0.78 0.00	70.56 1.40 0.00	98.11 2.16 0.00
CHATEAUG_WT_PWR 323614	58.91 0.70 0.00	50.35 0.65 0.00	37.30 0.39 0.00	50.75 0.62 0.00	38.40 0.41 0.00	46.07 0.55 0.00	41.98 0.50 0.00	34.27 0.39 0.00	38.63 0.33 0.00	51.23 0.55 0.00	65.43 0.60 0.00	60.57 0.39 0.00	78.23 0.46 0.00	69.14 0.39 0.00	61.02 0.38 0.00	43.49 0.24 0.00	48.47 0.33 0.00	52.51 0.14 0.00	47.56 0.10 0.00	49.73 0.07 0.00	53.57 0.14 0.00	60.56 0.59 0.00	70.36 1.21 0.00	97.83 1.88 0.00
CHAT_HIGH_FALL_HYD 323578	58.99 0.78 0.00	50.44 0.74 0.00	37.35 0.45 0.00	50.80 0.67 0.00	38.44 0.45 0.00	46.12 0.60 0.00	42.03 0.55 0.00	34.30 0.42 0.00	38.71 0.42 0.00	51.25 0.58 0.00	65.48 0.65 0.00	60.65 0.46 0.00	78.33 0.55 0.00	69.24 0.49 0.00	61.08 0.44 0.00	43.56 0.31 0.00	48.55 0.41 0.00	52.58 0.21 0.00	47.64 0.19 0.00	49.82 0.17 0.00	53.68 0.25 0.00	60.75 0.78 0.00	70.56 1.40 0.00	98.11 2.16 0.00
CHAUTAUQUA___LFGE 323629	56.14 -2.07 0.00	48.17 -1.53 0.00	35.68 -1.22 0.00	48.27 -1.86 0.00	36.81 -1.18 0.00	44.10 -1.43 0.00	39.86 -1.62 0.00	32.05 -1.83 0.00	36.17 -2.12 0.00	47.80 -2.88 0.00	60.54 -4.28 0.00	56.29 -3.89 0.00	72.76 -5.02 0.00	64.33 -4.42 0.00	56.97 -3.68 0.00	41.05 -2.19 0.00	45.27 -2.87 0.00	49.01 -3.36 0.00	43.99 -3.47 0.00	45.99 -3.67 0.00	49.98 -3.45 0.00	55.57 -4.40 0.00	64.67 -4.49 0.00	90.17 -5.79 0.00
CHERRYST_13_KV_LD 356241	61.13 2.92 0.00	52.27 2.56 0.00	38.83 1.93 0.00	52.54 2.41 0.00	39.85 1.87 0.00	47.81 2.29 0.00	43.75 2.27 0.00	35.73 1.85 0.00	40.44 2.15 0.00	53.59 2.92 0.00	68.66 3.83 0.00	63.70 3.51 0.00	82.12 4.35 0.00	72.66 3.90 0.00	64.31 3.66 0.00	46.23 2.98 0.00	51.41 3.27 0.00	56.14 3.78 0.00	51.08 3.62 0.00	53.38 3.72 0.00	57.26 3.82 0.00	63.65 3.68 0.00	72.88 3.73 0.00	100.68 4.73 0.00

CHESTROR_138KV_BK263 355645	60.34 2.12 0.00	51.55 1.85 0.00	38.30 1.40 0.00	51.85 1.73 0.00	39.33 1.35 0.00	47.17 1.65 0.00	43.08 1.60 0.00	35.22 1.33 0.00	39.84 1.54 0.00	52.75 2.07 0.00	67.58 2.75 0.00	62.68 2.49 0.00	80.80 3.02 0.00	71.40 2.65 0.00	63.13 2.49 0.00	45.23 1.99 0.00	50.39 2.25 0.00	55.07 2.70 0.00	50.06 2.60 0.00	52.33 2.68 0.00	56.21 2.78 0.00	62.64 2.68 0.00	71.86 2.71 0.00	99.38 3.42 0.00
CH_MIDHUDSON___DRP 24192	61.44 3.22 0.00	52.46 2.76 0.00	38.97 2.06 0.00	52.78 2.66 0.00	40.02 2.03 0.00	48.01 2.48 0.00	43.85 2.37 0.00	35.86 1.97 0.00	40.60 2.30 0.00	53.77 3.10 0.00	68.87 4.05 0.00	63.89 3.70 0.00	82.34 4.57 0.00	72.79 4.04 0.00	64.37 3.73 0.00	46.13 2.89 0.00	51.40 3.26 0.00	56.16 3.79 0.00	51.02 3.56 0.00	53.36 3.71 0.00	57.31 3.87 0.00	63.86 3.89 0.00	73.20 4.04 0.00	101.21 5.25 0.00
CH_MISC_IPPS 23765	61.65 3.43 0.00	52.64 2.94 0.00	39.09 2.19 0.00	52.93 2.81 0.00	40.15 2.16 0.00	48.17 2.64 0.00	44.00 2.52 0.00	35.99 2.10 0.00	40.75 2.45 0.00	53.97 3.30 0.00	69.11 4.28 0.00	64.08 3.89 0.00	82.59 4.81 0.00	73.00 4.25 0.00	64.58 3.93 0.00	46.30 3.06 0.00	51.61 3.47 0.00	56.41 4.05 0.00	51.25 3.80 0.00	53.60 3.94 0.00	57.57 4.13 0.00	64.14 4.18 0.00	73.51 4.35 0.00	101.60 5.65 0.00
CH_RES_BVR_FALLS 23983	58.24 0.02 0.00	49.75 0.05 0.00	36.92 0.02 0.00	50.18 0.05 0.00	38.02 0.03 0.00	45.56 0.04 0.00	41.48 0.00 0.00	33.87 -0.02 0.00	38.27 -0.03 0.00	50.63 -0.04 0.00	64.76 -0.07 0.00	60.11 -0.07 0.00	77.70 -0.08 0.00	68.68 -0.08 0.00	60.57 -0.08 0.00	43.18 -0.06 0.00	48.09 -0.05 0.00	52.24 -0.13 0.00	47.32 -0.14 0.00	49.50 -0.16 0.00	53.28 -0.16 0.00	59.95 -0.01 0.00	69.36 0.21 0.00	96.32 0.37 0.00
CH_RES_NIAGARA 23895	52.76 -5.46 0.00	45.39 -4.31 0.00	33.66 -3.24 0.00	45.52 -4.61 0.00	34.72 -3.27 0.00	41.59 -3.94 0.00	37.51 -3.96 0.00	30.03 -3.86 0.00	33.83 -4.47 0.00	44.57 -6.10 0.00	56.41 -8.42 0.00	52.48 -7.71 0.00	67.92 -9.86 0.00	60.03 -8.72 0.00	53.12 -7.52 0.00	38.30 -4.94 0.00	42.19 -5.95 0.00	45.51 -6.85 0.00	40.79 -6.67 0.00	42.64 -7.02 0.00	46.50 -6.94 0.00	51.72 -8.25 0.00	60.36 -8.80 0.00	84.50 -11.45 0.00
CH_RES_SYRACUSE 23985	57.26 -0.96 0.00	48.88 -0.82 0.00	36.30 -0.60 0.00	49.23 -0.89 0.00	37.38 -0.61 0.00	44.82 -0.70 0.00	40.83 -0.65 0.00	33.39 -0.50 0.00	37.71 -0.59 0.00	49.90 -0.77 0.00	63.74 -1.08 0.00	59.20 -0.99 0.00	76.50 -1.28 0.00	67.60 -1.15 0.00	59.67 -0.97 0.00	42.62 -0.63 0.00	47.43 -0.71 0.00	51.63 -0.74 0.00	46.74 -0.72 0.00	48.89 -0.76 0.00	52.60 -0.83 0.00	58.83 -1.13 0.00	67.74 -1.42 0.00	93.93 -2.02 0.00
CLINTON_WT_PWR 323605	58.91 0.70 0.00	50.35 0.65 0.00	37.30 0.39 0.00	50.75 0.62 0.00	38.40 0.41 0.00	46.07 0.55 0.00	41.98 0.50 0.00	34.27 0.39 0.00	38.63 0.33 0.00	51.23 0.55 0.00	65.43 0.60 0.00	60.57 0.39 0.00	78.23 0.46 0.00	69.14 0.39 0.00	61.02 0.38 0.00	43.49 0.24 0.00	48.47 0.33 0.00	52.51 0.14 0.00	47.56 0.10 0.00	49.73 0.07 0.00	53.57 0.14 0.00	60.56 0.59 0.00	70.36 1.21 0.00	97.83 1.88 0.00
CLINTON___LFGE 323618	59.89 1.67 0.00	51.15 1.45 0.00	37.83 0.93 0.00	51.46 1.34 0.00	38.95 0.96 0.00	46.76 1.24 0.00	42.64 1.17 0.00	34.86 0.98 0.00	39.28 0.98 0.00	52.18 1.50 0.00	66.59 1.77 0.00	61.58 1.39 0.00	79.44 1.66 0.00	70.20 1.44 0.00	61.98 1.34 0.00	44.15 0.91 0.00	49.26 1.13 0.00	53.31 0.94 0.00	48.38 0.92 0.00	50.53 0.88 0.00	54.45 1.02 0.00	61.60 1.63 0.00	71.52 2.37 0.00	99.39 3.44 0.00
COBBLENY_34_KV_TB1 80064	55.66 -2.55 0.00	47.78 -1.92 0.00	35.40 -1.51 0.00	47.87 -2.25 0.00	36.50 -1.48 0.00	43.75 -1.78 0.00	39.52 -1.96 0.00	31.78 -2.10 0.00	35.83 -2.46 0.00	47.33 -3.35 0.00	59.94 -4.88 0.00	55.80 -4.38 0.00	72.16 -5.62 0.00	63.81 -4.94 0.00	56.49 -4.15 0.00	40.69 -2.55 0.00	44.85 -3.29 0.00	48.51 -3.86 0.00	43.54 -3.91 0.00	45.53 -4.13 0.00	49.49 -3.94 0.00	55.03 -4.94 0.00	64.04 -5.11 0.00	89.28 -6.67 0.00
COFFEEN___115KV_TB3 355620	60.19 1.98 0.00	51.21 1.51 0.00	38.01 1.10 0.00	51.67 1.54 0.00	39.17 1.18 0.00	47.09 1.56 0.00	42.92 1.44 0.00	35.15 1.26 0.00	39.96 1.66 0.00	52.62 1.95 0.00	66.80 1.98 0.00	61.92 1.73 0.00	79.30 1.52 0.00	69.73 0.98 0.00	61.47 0.83 0.00	44.20 0.96 0.00	49.94 1.81 0.00	54.50 2.13 0.00	49.35 1.89 0.00	51.62 1.96 0.00	55.54 2.11 0.00	62.28 2.31 0.00	71.54 2.38 0.00	98.90 2.95 0.00
COLDSPRG_115KV_BK1 355956	57.90 -0.32 0.00	49.62 -0.08 0.00	36.73 -0.18 0.00	49.71 -0.42 0.00	37.89 -0.10 0.00	45.44 -0.08 0.00	41.06 -0.41 0.00	33.02 -0.86 0.00	37.30 -1.00 0.00	49.41 -1.27 0.00	62.76 -2.06 0.00	58.49 -1.69 0.00	75.56 -2.21 0.00	66.82 -1.93 0.00	59.12 -1.52 0.00	42.60 -0.64 0.00	46.88 -1.26 0.00	50.66 -1.71 0.00	45.61 -1.85 0.00	47.72 -1.94 0.00	51.75 -1.69 0.00	57.47 -2.50 0.00	66.77 -2.39 0.00	92.96 -2.99 0.00
COLONIE_LFGE___ 323577	61.16 2.95 0.00	52.06 2.36 0.00	38.64 1.73 0.00	52.46 2.34 0.00	39.77 1.78 0.00	47.65 2.13 0.00	43.44 1.96 0.00	35.53 1.64 0.00	40.18 1.89 0.00	53.18 2.51 0.00	68.27 3.44 0.00	63.38 3.19 0.00	81.80 4.02 0.00	72.22 3.46 0.00	63.82 3.17 0.00	45.38 2.14 0.00	50.45 2.31 0.00	54.93 2.56 0.00	49.84 2.38 0.00	52.23 2.57 0.00	56.06 2.62 0.00	62.67 2.70 0.00	72.02 2.87 0.00	100.03 4.08 0.00
COOPERNY_115KV_TB1 80082	59.69 1.48 0.00	50.99 1.29 0.00	37.88 0.97 0.00	51.33 1.20 0.00	38.93 0.95 0.00	46.67 1.15 0.00	42.59 1.11 0.00	34.82 0.93 0.00	39.37 1.07 0.00	52.13 1.46 0.00	66.76 1.94 0.00	61.99 1.80 0.00	79.99 2.21 0.00	70.69 1.94 0.00	62.45 1.81 0.00	44.66 1.42 0.00	49.72 1.58 0.00	54.27 1.91 0.00	49.30 1.84 0.00	51.56 1.90 0.00	55.41 1.97 0.00	61.83 1.86 0.00	71.01 1.85 0.00	98.29 2.34 0.00
COPENHAGEN_WT_PWR 323753	59.53 1.32 0.00	50.67 0.97 0.00	37.60 0.70 0.00	51.11 0.99 0.00	38.73 0.74 0.00	46.54 1.02 0.00	42.41 0.93 0.00	34.71 0.83 0.00	39.42 1.12 0.00	51.97 1.29 0.00	66.10 1.27 0.00	61.30 1.11 0.00	78.66 0.89 0.00	69.22 0.47 0.00	61.03 0.38 0.00	43.83 0.59 0.00	49.36 1.22 0.00	53.79 1.42 0.00	48.70 1.25 0.00	50.95 1.29 0.00	54.83 1.40 0.00	61.49 1.52 0.00	70.70 1.54 0.00	97.82 1.87 0.00
CORNELL_____ 23752	58.85 0.64 0.00	50.21 0.51 0.00	37.26 0.36 0.00	50.51 0.38 0.00	38.36 0.37 0.00	46.03 0.51 0.00	41.91 0.43 0.00	34.29 0.40 0.00	38.77 0.47 0.00	51.34 0.66 0.00	65.50 0.67 0.00	60.82 0.63 0.00	78.57 0.79 0.00	69.45 0.70 0.00	61.29 0.65 0.00	43.80 0.55 0.00	48.76 0.63 0.00	53.13 0.76 0.00	48.09 0.63 0.00	50.31 0.66 0.00	54.09 0.66 0.00	60.42 0.45 0.00	69.53 0.37 0.00	96.43 0.48 0.00

CORONA V_69_KV_TB1 355595	61.90 3.68 0.00	52.90 3.19 0.00	39.30 2.40 0.00	53.12 3.00 0.00	40.26 2.28 0.00	48.31 2.79 0.00	44.04 2.57 0.00	36.05 2.16 0.00	40.84 2.54 0.00	54.24 3.56 0.00	69.68 4.86 0.00	64.53 4.34 0.00	83.01 5.23 0.00	73.40 4.65 0.00	65.22 4.57 0.00	46.83 3.58 0.00	83.81 3.92 -31.75	127.81 4.56 -70.88	135.35 4.36 -83.53	146.78 4.59 -92.53	130.24 4.80 -72.01	64.79 4.80 -0.02	78.44 5.07 -4.22	102.48 6.53 0.00
CORTLAND_115KV_TB3 80093	58.33 0.12 0.00	49.78 0.07 0.00	36.94 0.03 0.00	50.10 -0.03 0.00	38.04 0.05 0.00	45.64 0.11 0.00	41.54 0.06 0.00	33.98 0.10 0.00	38.42 0.12 0.00	50.88 0.21 0.00	64.94 0.11 0.00	60.31 0.12 0.00	77.87 0.10 0.00	68.82 0.07 0.00	60.74 0.10 0.00	43.37 0.13 0.00	48.30 0.16 0.00	52.60 0.24 0.00	47.63 0.17 0.00	49.84 0.18 0.00	53.59 0.16 0.00	59.88 -0.08 0.00	68.93 -0.22 0.00	95.60 -0.35 0.00
COXSACKIE__GT 23611	63.83 5.62 0.00	54.31 4.61 0.00	40.27 3.36 0.00	54.69 4.57 0.00	41.44 3.45 0.00	49.76 4.23 0.00	45.43 3.96 0.00	37.29 3.40 0.00	42.29 4.00 0.00	55.81 5.14 0.00	71.44 6.61 0.00	66.32 6.13 0.00	85.04 7.27 0.00	74.65 5.90 0.00	65.76 5.11 0.00	46.85 3.61 0.00	52.63 4.49 0.00	57.42 5.05 0.00	52.02 4.57 0.00	54.36 4.70 0.00	58.30 4.87 0.00	65.19 5.23 0.00	74.86 5.71 0.00	104.20 8.25 0.00
CPV_VALLEY__CC1 323721	59.83 1.62 0.00	51.12 1.42 0.00	37.98 1.08 0.00	51.44 1.31 0.00	39.02 1.04 0.00	46.78 1.26 0.00	42.71 1.23 0.00	34.93 1.05 0.00	39.51 1.21 0.00	52.29 1.62 0.00	66.99 2.17 0.00	62.16 1.97 0.00	80.16 2.39 0.00	70.86 2.11 0.00	62.64 1.99 0.00	44.85 1.61 0.00	49.93 1.79 0.00	54.55 2.18 0.00	49.56 2.11 0.00	51.83 2.17 0.00	55.68 2.24 0.00	62.09 2.12 0.00	71.23 2.07 0.00	98.52 2.56 0.00
CPV_VALLEY__CC2 323722	59.83 1.62 0.00	51.12 1.42 0.00	37.98 1.08 0.00	51.44 1.31 0.00	39.02 1.04 0.00	46.78 1.26 0.00	42.71 1.23 0.00	34.93 1.05 0.00	39.51 1.21 0.00	52.29 1.62 0.00	66.99 2.17 0.00	62.16 1.97 0.00	80.16 2.39 0.00	70.86 2.11 0.00	62.64 1.99 0.00	44.85 1.61 0.00	49.93 1.79 0.00	54.55 2.18 0.00	49.56 2.11 0.00	51.83 2.17 0.00	55.68 2.24 0.00	62.09 2.12 0.00	71.23 2.07 0.00	98.52 2.56 0.00
CRESCENT__HYD 24018	61.16 2.95 0.00	52.06 2.36 0.00	38.64 1.73 0.00	52.46 2.34 0.00	39.77 1.78 0.00	47.65 2.13 0.00	43.44 1.96 0.00	35.53 1.64 0.00	40.18 1.89 0.00	53.18 2.51 0.00	68.27 3.44 0.00	63.38 3.19 0.00	81.80 4.02 0.00	72.22 3.46 0.00	63.82 3.17 0.00	45.38 2.14 0.00	50.45 2.31 0.00	54.93 2.56 0.00	49.84 2.38 0.00	52.23 2.57 0.00	56.06 2.62 0.00	62.67 2.70 0.00	72.02 2.87 0.00	100.03 4.08 0.00
CRICKET__VALLEY_CC1 323756	60.95 2.74 0.00	52.07 2.37 0.00	38.69 1.79 0.00	52.42 2.30 0.00	39.75 1.76 0.00	47.66 2.14 0.00	43.51 2.03 0.00	35.57 1.68 0.00	40.26 1.96 0.00	53.34 2.67 0.00	68.33 3.51 0.00	63.46 3.28 0.00	81.87 4.10 0.00	72.37 3.62 0.00	63.91 3.26 0.00	45.69 2.45 0.00	50.86 2.72 0.00	55.53 3.16 0.00	50.46 3.00 0.00	52.78 3.12 0.00	56.67 3.23 0.00	63.21 3.25 0.00	72.46 3.30 0.00	100.29 4.33 0.00
CRICKET__VALLEY_CC2 323757	60.95 2.74 0.00	52.07 2.37 0.00	38.69 1.79 0.00	52.42 2.30 0.00	39.75 1.76 0.00	47.66 2.14 0.00	43.51 2.03 0.00	35.57 1.68 0.00	40.26 1.96 0.00	53.34 2.67 0.00	68.33 3.51 0.00	63.46 3.28 0.00	81.87 4.10 0.00	72.37 3.62 0.00	63.91 3.26 0.00	45.69 2.45 0.00	50.86 2.72 0.00	55.53 3.16 0.00	50.46 3.00 0.00	52.78 3.12 0.00	56.67 3.23 0.00	63.21 3.25 0.00	72.46 3.30 0.00	100.29 4.33 0.00
CRICKET__VALLEY_CC3 323758	60.95 2.74 0.00	52.07 2.37 0.00	38.69 1.79 0.00	52.42 2.30 0.00	39.75 1.76 0.00	47.66 2.14 0.00	43.51 2.03 0.00	35.57 1.68 0.00	40.26 1.96 0.00	53.34 2.67 0.00	68.33 3.51 0.00	63.46 3.28 0.00	81.87 4.10 0.00	72.37 3.62 0.00	63.91 3.26 0.00	45.69 2.45 0.00	50.86 2.72 0.00	55.53 3.16 0.00	50.46 3.00 0.00	52.78 3.12 0.00	56.67 3.23 0.00	63.21 3.25 0.00	72.46 3.30 0.00	100.29 4.33 0.00
CRUCIBLE_METL_DRP 24180	57.26 -0.96 0.00	48.89 -0.82 0.00	36.30 -0.60 0.00	49.23 -0.89 0.00	37.38 -0.61 0.00	44.82 -0.70 0.00	40.83 -0.65 0.00	33.38 -0.50 0.00	37.71 -0.59 0.00	49.90 -0.78 0.00	63.74 -1.08 0.00	59.20 -0.99 0.00	76.50 -1.28 0.00	67.60 -1.15 0.00	59.67 -0.97 0.00	42.62 -0.63 0.00	47.43 -0.71 0.00	51.62 -0.75 0.00	46.73 -0.73 0.00	48.89 -0.77 0.00	52.60 -0.84 0.00	58.83 -1.13 0.00	67.74 -1.41 0.00	93.93 -2.02 0.00
DAHOWA__HYDRO 323763	62.07 3.86 0.00	52.74 3.03 0.00	39.12 2.22 0.00	53.14 3.01 0.00	40.27 2.28 0.00	48.28 2.76 0.00	44.00 2.52 0.00	36.06 2.17 0.00	40.85 2.55 0.00	54.09 3.42 0.00	69.37 4.54 0.00	64.36 4.18 0.00	83.00 5.23 0.00	73.25 4.50 0.00	64.79 4.15 0.00	46.20 2.96 0.00	51.44 3.30 0.00	56.02 3.66 0.00	50.81 3.36 0.00	53.23 3.57 0.00	57.15 3.72 0.00	63.86 3.90 0.00	73.28 4.12 0.00	101.65 5.70 0.00
DANC__LFGE 323619	58.45 0.24 0.00	49.79 0.09 0.00	36.97 0.06 0.00	50.21 0.08 0.00	38.05 0.06 0.00	45.67 0.14 0.00	41.58 0.10 0.00	34.02 0.13 0.00	38.58 0.28 0.00	50.92 0.25 0.00	64.84 0.01 0.00	60.21 0.02 0.00	77.48 -0.30 0.00	68.23 -0.52 0.00	60.19 -0.46 0.00	43.15 -0.09 0.00	48.40 0.26 0.00	52.67 0.30 0.00	47.69 0.23 0.00	49.88 0.22 0.00	53.69 0.25 0.00	60.24 0.27 0.00	69.33 0.17 0.00	95.98 0.03 0.00
DANSKAMMER__1 23586	61.65 3.43 0.00	52.64 2.94 0.00	39.09 2.19 0.00	52.93 2.81 0.00	40.15 2.16 0.00	48.17 2.64 0.00	44.00 2.52 0.00	35.99 2.10 0.00	40.75 2.45 0.00	53.97 3.30 0.00	69.11 4.28 0.00	64.08 3.89 0.00	82.59 4.81 0.00	73.00 4.25 0.00	64.58 3.93 0.00	46.30 3.06 0.00	51.61 3.47 0.00	56.41 4.05 0.00	51.25 3.80 0.00	53.60 3.94 0.00	57.57 4.13 0.00	64.14 4.18 0.00	73.51 4.35 0.00	101.60 5.65 0.00
DANSKAMMER__2 23589	61.65 3.43 0.00	52.64 2.94 0.00	39.09 2.19 0.00	52.93 2.81 0.00	40.15 2.16 0.00	48.17 2.64 0.00	44.00 2.52 0.00	35.99 2.10 0.00	40.75 2.45 0.00	53.97 3.30 0.00	69.11 4.28 0.00	64.08 3.89 0.00	82.59 4.81 0.00	73.00 4.25 0.00	64.58 3.93 0.00	46.30 3.06 0.00	51.61 3.47 0.00	56.41 4.05 0.00	51.25 3.80 0.00	53.60 3.94 0.00	57.57 4.13 0.00	64.14 4.18 0.00	73.51 4.35 0.00	101.60 5.65 0.00
DANSKAMMER__3 23590	61.65 3.43 0.00	52.64 2.94 0.00	39.09 2.19 0.00	52.93 2.81 0.00	40.15 2.16 0.00	48.17 2.64 0.00	44.00 2.52 0.00	35.99 2.10 0.00	40.75 2.45 0.00	53.97 3.30 0.00	69.11 4.28 0.00	64.08 3.89 0.00	82.59 4.81 0.00	73.00 4.25 0.00	64.58 3.93 0.00	46.30 3.06 0.00	51.61 3.47 0.00	56.41 4.05 0.00	51.25 3.80 0.00	53.60 3.94 0.00	57.57 4.13 0.00	64.14 4.18 0.00	73.51 4.35 0.00	101.60 5.65 0.00

DANSKAMMER___4 23591	61.65 3.43 0.00	52.64 2.94 0.00	39.09 2.19 0.00	52.93 2.81 0.00	40.15 2.16 0.00	48.17 2.64 0.00	44.00 2.52 0.00	35.99 2.10 0.00	40.75 2.45 0.00	53.97 3.30 0.00	69.11 4.28 0.00	64.08 3.89 0.00	82.59 4.81 0.00	73.00 4.25 0.00	64.58 3.93 0.00	46.30 3.06 0.00	51.61 3.47 0.00	56.41 4.05 0.00	51.25 3.80 0.00	53.60 3.94 0.00	57.57 4.13 0.00	64.14 4.18 0.00	73.51 4.35 0.00	101.60 5.65 0.00
DANSKAMMER___DIESEL 23592	61.65 3.43 0.00	52.64 2.94 0.00	39.09 2.19 0.00	52.93 2.81 0.00	40.15 2.16 0.00	48.17 2.64 0.00	44.00 2.52 0.00	35.99 2.11 0.00	40.75 2.45 0.00	53.98 3.30 0.00	69.10 4.28 0.00	64.08 3.89 0.00	82.59 4.81 0.00	72.99 4.24 0.00	64.58 3.93 0.00	46.31 3.07 0.00	51.62 3.48 0.00	56.42 4.05 0.00	51.25 3.80 0.00	53.60 3.94 0.00	57.57 4.13 0.00	64.14 4.18 0.00	73.50 4.34 0.00	101.61 5.65 0.00
DARBY___SOLAR 323810	61.90 3.69 0.00	52.62 2.91 0.00	39.03 2.13 0.00	53.01 2.88 0.00	40.18 2.19 0.00	48.18 2.66 0.00	43.90 2.42 0.00	35.97 2.08 0.00	40.74 2.44 0.00	53.93 3.26 0.00	69.17 4.34 0.00	64.19 4.00 0.00	82.80 5.03 0.00	73.07 4.32 0.00	64.62 3.98 0.00	46.07 2.82 0.00	51.28 3.14 0.00	55.85 3.48 0.00	50.64 3.19 0.00	53.07 3.41 0.00	56.97 3.53 0.00	63.67 3.70 0.00	73.08 3.92 0.00	101.37 5.41 0.00
DASHVILLE___HYD 23610	62.33 4.11 0.00	53.18 3.48 0.00	39.49 2.58 0.00	53.47 3.34 0.00	40.53 2.55 0.00	48.67 3.15 0.00	44.48 3.01 0.00	36.41 2.52 0.00	41.25 2.95 0.00	54.61 3.94 0.00	69.77 4.95 0.00	64.61 4.42 0.00	83.10 5.33 0.00	73.41 4.65 0.00	65.03 4.38 0.00	46.82 3.58 0.00	52.36 4.22 0.00	57.30 4.93 0.00	52.04 4.59 0.00	54.42 4.76 0.00	58.44 5.00 0.00	65.08 5.12 0.00	74.55 5.40 0.00	102.91 6.96 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	63.67 5.45 0.00	54.28 4.58 0.00	40.54 3.63 0.00	54.61 4.49 0.00	41.07 3.08 0.00	49.23 3.70 0.00	44.74 3.26 0.00	36.75 2.86 0.00	41.78 3.49 0.00	55.59 4.91 0.00	72.00 7.17 0.00	66.62 6.44 0.00	85.49 7.72 0.00	75.39 6.64 0.00	67.38 6.73 0.00	48.80 5.55 0.00	75.16 6.41 -20.61	104.26 7.52 -44.38	104.67 7.01 -50.20	112.56 7.29 -55.61	104.34 7.63 -43.28	67.76 7.78 -0.01	79.93 8.23 -2.54	106.63 10.68 0.00
DELAWARE___LFGE 323621	59.98 1.77 0.00	51.16 1.46 0.00	37.98 1.07 0.00	51.55 1.42 0.00	39.08 1.09 0.00	46.84 1.32 0.00	42.69 1.22 0.00	34.91 1.02 0.00	39.49 1.19 0.00	52.29 1.62 0.00	66.97 2.15 0.00	62.26 2.07 0.00	80.50 2.72 0.00	71.11 2.36 0.00	62.68 2.04 0.00	44.72 1.47 0.00	49.79 1.65 0.00	54.27 1.90 0.00	49.20 1.75 0.00	51.48 1.82 0.00	55.35 1.92 0.00	61.87 1.90 0.00	71.15 2.00 0.00	98.57 2.61 0.00
DERFIELD_115KV_TB7 355931	58.48 0.27 0.00	49.90 0.20 0.00	37.05 0.14 0.00	50.28 0.15 0.00	38.13 0.14 0.00	45.70 0.17 0.00	41.64 0.17 0.00	34.05 0.16 0.00	38.49 0.19 0.00	50.93 0.25 0.00	65.21 0.39 0.00	60.55 0.36 0.00	78.24 0.47 0.00	69.11 0.36 0.00	60.99 0.34 0.00	43.46 0.21 0.00	48.38 0.24 0.00	52.67 0.30 0.00	47.74 0.29 0.00	49.96 0.30 0.00	53.75 0.31 0.00	60.20 0.23 0.00	69.37 0.22 0.00	96.25 0.30 0.00
DOGLEVILLE___HYD 23807	60.26 2.04 0.00	51.27 1.57 0.00	37.97 1.06 0.00	51.53 1.40 0.00	39.05 1.06 0.00	46.84 1.32 0.00	42.78 1.30 0.00	35.13 1.25 0.00	39.87 1.57 0.00	52.84 2.17 0.00	67.69 2.86 0.00	62.70 2.51 0.00	81.01 3.23 0.00	71.58 2.83 0.00	63.12 2.47 0.00	44.76 1.52 0.00	49.97 1.83 0.00	54.62 2.26 0.00	49.55 2.10 0.00	51.96 2.30 0.00	55.71 2.27 0.00	62.10 2.14 0.00	70.97 1.82 0.00	98.48 2.53 0.00
DUNKIRK___115KV_TB_200 55889	56.03 -2.19 0.00	48.07 -1.64 0.00	35.61 -1.29 0.00	48.15 -1.98 0.00	36.73 -1.26 0.00	43.99 -1.53 0.00	39.76 -1.72 0.00	32.00 -1.89 0.00	36.10 -2.20 0.00	47.69 -2.99 0.00	60.36 -4.46 0.00	56.17 -4.02 0.00	72.59 -5.19 0.00	64.19 -4.56 0.00	56.82 -3.82 0.00	40.95 -2.29 0.00	45.15 -2.99 0.00	48.85 -3.52 0.00	43.85 -3.60 0.00	45.86 -3.80 0.00	49.85 -3.58 0.00	55.44 -4.53 0.00	64.51 -4.64 0.00	89.95 -6.00 0.00
DUNKIRK___1 23563	56.03 -2.19 0.00	48.07 -1.64 0.00	35.61 -1.29 0.00	48.15 -1.98 0.00	36.73 -1.26 0.00	43.99 -1.53 0.00	39.76 -1.72 0.00	32.00 -1.89 0.00	36.10 -2.20 0.00	47.69 -2.99 0.00	60.36 -4.46 0.00	56.17 -4.02 0.00	72.59 -5.19 0.00	64.19 -4.56 0.00	56.82 -3.82 0.00	40.95 -2.29 0.00	45.15 -2.99 0.00	48.85 -3.52 0.00	43.85 -3.60 0.00	45.86 -3.80 0.00	49.85 -3.58 0.00	55.44 -4.53 0.00	64.51 -4.64 0.00	89.95 -6.00 0.00
DUNKIRK___2 23564	56.03 -2.19 0.00	48.07 -1.64 0.00	35.61 -1.29 0.00	48.15 -1.98 0.00	36.73 -1.26 0.00	43.99 -1.53 0.00	39.76 -1.72 0.00	32.00 -1.89 0.00	36.10 -2.20 0.00	47.69 -2.99 0.00	60.36 -4.46 0.00	56.17 -4.02 0.00	72.59 -5.19 0.00	64.19 -4.56 0.00	56.82 -3.82 0.00	40.95 -2.29 0.00	45.15 -2.99 0.00	48.85 -3.52 0.00	43.85 -3.60 0.00	45.86 -3.80 0.00	49.85 -3.58 0.00	55.44 -4.53 0.00	64.51 -4.64 0.00	89.95 -6.00 0.00
DUNKIRK___3 23565	55.72 -2.49 0.00	47.82 -1.89 0.00	35.43 -1.48 0.00	47.92 -2.21 0.00	36.54 -1.45 0.00	43.78 -1.75 0.00	39.55 -1.93 0.00	31.80 -2.08 0.00	35.87 -2.43 0.00	47.37 -3.30 0.00	59.99 -4.84 0.00	55.82 -4.37 0.00	72.16 -5.61 0.00	63.81 -4.94 0.00	56.49 -4.15 0.00	40.71 -2.53 0.00	44.87 -3.27 0.00	48.52 -3.85 0.00	43.57 -3.89 0.00	45.56 -4.10 0.00	49.53 -3.91 0.00	55.07 -4.90 0.00	64.10 -5.06 0.00	89.39 -6.55 0.00
DUNKIRK___4 23566	55.72 -2.49 0.00	47.82 -1.89 0.00	35.43 -1.48 0.00	47.92 -2.21 0.00	36.54 -1.45 0.00	43.78 -1.75 0.00	39.55 -1.93 0.00	31.80 -2.08 0.00	35.87 -2.43 0.00	47.37 -3.30 0.00	59.99 -4.84 0.00	55.82 -4.37 0.00	72.16 -5.61 0.00	63.81 -4.94 0.00	56.49 -4.15 0.00	40.71 -2.53 0.00	44.87 -3.27 0.00	48.52 -3.85 0.00	43.57 -3.89 0.00	45.56 -4.10 0.00	49.53 -3.91 0.00	55.07 -4.90 0.00	64.10 -5.06 0.00	89.39 -6.55 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	61.02 2.81 0.00	52.15 2.45 0.00	38.75 1.84 0.00	52.44 2.32 0.00	39.77 1.79 0.00	47.70 2.18 0.00	43.59 2.11 0.00	35.63 1.75 0.00	40.32 2.03 0.00	53.41 2.74 0.00	68.48 3.66 0.00	63.56 3.37 0.00	81.90 4.12 0.00	72.43 3.68 0.00	64.10 3.45 0.00	45.98 2.73 0.00	51.18 3.04 0.00	55.91 3.54 0.00	50.84 3.39 0.00	53.18 3.52 0.00	57.09 3.65 0.00	63.53 3.56 0.00	72.79 3.64 0.00	100.61 4.66 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	60.99 2.78 0.00	52.10 2.40 0.00	38.70 1.79 0.00	52.39 2.26 0.00	39.74 1.75 0.00	47.67 2.15 0.00	43.54 2.07 0.00	35.62 1.73 0.00	40.31 2.01 0.00	53.37 2.70 0.00	68.33 3.50 0.00	63.34 3.16 0.00	81.63 3.86 0.00	72.15 3.40 0.00	63.83 3.19 0.00	45.78 2.54 0.00	51.04 2.91 0.00	55.79 3.42 0.00	50.70 3.24 0.00	53.01 3.35 0.00	56.94 3.50 0.00	63.45 3.48 0.00	72.73 3.58 0.00	100.53 4.58 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	60.85 2.64 0.00	52.08 2.38 0.00	38.75 1.85 0.00	52.46 2.33 0.00	39.79 1.80 0.00	47.69 2.17 0.00	43.70 2.22 0.00	35.59 1.70 0.00	40.28 1.99 0.00	53.38 2.70 0.00	68.47 3.65 0.00	63.50 3.31 0.00	81.86 4.09 0.00	72.43 3.68 0.00	64.06 3.42 0.00	46.03 2.79 0.00	51.21 3.07 0.00	55.88 3.51 0.00	50.81 3.36 0.00	53.15 3.49 0.00	56.93 3.50 0.00	63.26 3.30 0.00	72.54 3.39 0.00	100.45 4.49 0.00
E179THST_13_KV_LOAD 356214	61.13 2.92 0.00	52.31 2.61 0.00	38.92 2.02 0.00	52.67 2.54 0.00	39.95 1.96 0.00	47.89 2.37 0.00	43.88 2.40 0.00	35.73 1.85 0.00	40.46 2.16 0.00	53.59 2.92 0.00	68.76 3.94 0.00	63.79 3.60 0.00	82.25 4.47 0.00	72.76 4.02 0.00	64.37 3.72 0.00	46.24 3.00 0.00	51.45 3.31 0.00	56.15 3.78 0.00	51.06 3.61 0.00	53.41 3.75 0.00	57.23 3.79 0.00	63.57 3.60 0.00	72.89 3.74 0.00	100.93 4.97 0.00
EAST HAMPTON___GT 23717	63.63 5.41 0.00	54.14 4.44 0.00	40.57 3.67 0.00	54.56 4.43 0.00	40.74 2.75 0.00	48.74 3.22 0.00	44.31 2.83 0.00	36.44 2.56 0.00	41.61 3.31 0.00	55.50 4.83 0.00	72.34 7.51 0.00	67.13 6.94 0.00	86.10 8.32 0.00	75.80 7.05 0.00	67.68 7.03 0.00	49.14 5.90 0.00	75.66 6.91 -20.61	104.82 8.08 -44.38	105.16 7.50 -50.20	113.07 7.80 -55.61	104.84 8.14 -43.28	68.14 8.17 -0.01	80.15 8.46 -2.54	106.96 11.01 0.00
EAST RIVER___6 23660	60.95 2.74 0.00	52.11 2.41 0.00	38.71 1.81 0.00	52.39 2.27 0.00	39.74 1.75 0.00	47.68 2.16 0.00	43.62 2.14 0.00	35.63 1.75 0.00	40.34 2.05 0.00	53.45 2.78 0.00	68.48 3.66 0.00	63.53 3.34 0.00	81.90 4.13 0.00	72.46 3.71 0.00	64.13 3.49 0.00	46.11 2.87 0.00	51.27 3.13 0.00	55.99 3.62 0.00	50.95 3.49 0.00	53.25 3.59 0.00	57.10 3.67 0.00	63.50 3.53 0.00	72.68 3.53 0.00	100.37 4.42 0.00
EAST RIVER___7 23524	60.95 2.74 0.00	52.11 2.41 0.00	38.71 1.81 0.00	52.39 2.27 0.00	39.74 1.75 0.00	47.68 2.16 0.00	43.62 2.14 0.00	35.63 1.75 0.00	40.34 2.05 0.00	53.45 2.78 0.00	68.48 3.66 0.00	63.53 3.34 0.00	81.90 4.13 0.00	72.46 3.71 0.00	64.13 3.49 0.00	46.11 2.87 0.00	51.27 3.13 0.00	55.99 3.62 0.00	50.95 3.49 0.00	53.25 3.59 0.00	57.10 3.67 0.00	63.50 3.53 0.00	72.68 3.53 0.00	100.37 4.42 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	60.90 2.69 0.00	52.04 2.34 0.00	38.66 1.75 0.00	52.34 2.21 0.00	39.70 1.71 0.00	47.61 2.09 0.00	43.50 2.02 0.00	35.56 1.67 0.00	40.24 1.94 0.00	53.30 2.63 0.00	68.31 3.48 0.00	63.39 3.20 0.00	81.70 3.93 0.00	72.24 3.49 0.00	63.92 3.28 0.00	45.84 2.59 0.00	51.03 2.89 0.00	55.75 3.38 0.00	50.69 3.23 0.00	53.01 3.35 0.00	56.91 3.47 0.00	63.35 3.38 0.00	72.60 3.45 0.00	100.36 4.41 0.00
EAST_HAMPTON___DIESEL 23722	63.55 5.33 0.00	54.05 4.35 0.00	40.53 3.62 0.00	54.48 4.35 0.00	40.64 2.65 0.00	48.62 3.10 0.00	44.20 2.72 0.00	36.36 2.47 0.00	41.54 3.25 0.00	55.43 4.75 0.00	72.30 7.47 0.00	67.11 6.92 0.00	86.08 8.30 0.00	75.78 7.03 0.00	67.64 7.00 0.00	49.12 5.87 0.00	75.64 6.89 -20.61	104.82 8.07 -44.38	105.14 7.48 -50.20	113.04 7.78 -55.61	104.82 8.11 -43.28	68.10 8.13 -0.01	80.08 8.39 -2.54	106.87 10.91 0.00
EAST_POINT___SOLAR 323840	62.32 4.11 0.00	53.18 3.48 0.00	39.45 2.55 0.00	53.57 3.45 0.00	40.66 2.68 0.00	48.78 3.25 0.00	44.51 3.03 0.00	36.47 2.59 0.00	41.24 2.94 0.00	54.43 3.75 0.00	68.87 4.04 0.00	63.38 3.19 0.00	82.29 4.51 0.00	73.10 4.35 0.00	64.56 3.91 0.00	46.37 3.13 0.00	52.04 3.90 0.00	56.74 4.37 0.00	51.40 3.94 0.00	53.72 4.06 0.00	57.82 4.39 0.00	64.82 4.86 0.00	74.62 5.47 0.00	103.05 7.10 0.00
EAST_PULASKI___ESR 323781	55.93 -2.28 0.00	48.16 -1.55 0.00	35.83 -1.08 0.00	48.59 -1.54 0.00	36.89 -1.10 0.00	44.18 -1.34 0.00	40.29 -1.19 0.00	32.96 -0.92 0.00	37.23 -1.07 0.00	49.23 -1.45 0.00	62.78 -2.04 0.00	58.48 -1.71 0.00	75.46 -2.31 0.00	66.68 -2.07 0.00	58.86 -1.79 0.00	42.06 -1.19 0.00	46.83 -1.31 0.00	50.96 -1.40 0.00	46.15 -1.31 0.00	48.29 -1.37 0.00	51.96 -1.48 0.00	58.10 -1.87 0.00	66.76 -2.39 0.00	91.96 -3.99 0.00
EAST_RIVER___1 323558	60.99 2.78 0.00	52.14 2.43 0.00	38.74 1.84 0.00	52.43 2.30 0.00	39.76 1.78 0.00	47.69 2.17 0.00	43.63 2.15 0.00	35.64 1.75 0.00	40.34 2.05 0.00	53.45 2.78 0.00	68.48 3.66 0.00	63.52 3.34 0.00	81.89 4.11 0.00	72.45 3.70 0.00	64.13 3.48 0.00	46.10 2.85 0.00	51.26 3.13 0.00	55.99 3.62 0.00	50.93 3.48 0.00	53.24 3.58 0.00	57.10 3.67 0.00	63.51 3.54 0.00	72.69 3.54 0.00	100.43 4.47 0.00
EAST_RIVER___2 323559	60.95 2.74 0.00	52.11 2.41 0.00	38.71 1.81 0.00	52.39 2.27 0.00	39.74 1.75 0.00	47.68 2.16 0.00	43.62 2.14 0.00	35.63 1.75 0.00	40.34 2.05 0.00	53.45 2.78 0.00	68.48 3.66 0.00	63.53 3.34 0.00	81.90 4.13 0.00	72.46 3.71 0.00	64.13 3.49 0.00	46.11 2.87 0.00	51.27 3.13 0.00	55.99 3.62 0.00	50.95 3.49 0.00	53.25 3.59 0.00	57.10 3.67 0.00	63.50 3.53 0.00	72.68 3.53 0.00	100.37 4.42 0.00
EAST___DELAWARE_HYD 23607	60.34 2.13 0.00	51.65 1.95 0.00	38.35 1.45 0.00	51.95 1.83 0.00	39.39 1.41 0.00	47.28 1.76 0.00	43.20 1.72 0.00	35.35 1.47 0.00	40.05 1.75 0.00	53.03 2.36 0.00	67.71 2.88 0.00	62.70 2.52 0.00	80.65 2.87 0.00	71.19 2.44 0.00	63.05 2.41 0.00	45.37 2.13 0.00	50.76 2.62 0.00	55.52 3.15 0.00	50.40 2.95 0.00	52.72 3.06 0.00	56.63 3.20 0.00	63.11 3.14 0.00	72.33 3.18 0.00	99.87 3.91 0.00
EIGHT_POINT___WT_PWR 323820	57.34 -0.88 0.00	49.03 -0.67 0.00	36.37 -0.53 0.00	49.17 -0.96 0.00	37.48 -0.51 0.00	44.95 -0.57 0.00	40.74 -0.74 0.00	33.20 -0.68 0.00	37.51 -0.79 0.00	49.58 -1.10 0.00	62.79 -2.03 0.00	58.36 -1.83 0.00	75.37 -2.41 0.00	66.70 -2.05 0.00	59.05 -1.60 0.00	42.37 -0.88 0.00	46.89 -1.25 0.00	51.07 -1.30 0.00	46.06 -1.40 0.00	48.20 -1.46 0.00	51.99 -1.44 0.00	57.93 -2.04 0.00	66.88 -2.27 0.00	92.80 -3.15 0.00
ELBRIDGE_115KV_TB2 80188	56.98 -1.24 0.00	48.65 -1.06 0.00	36.14 -0.77 0.00	48.99 -1.14 0.00	37.20 -0.79 0.00	44.59 -0.93 0.00	40.62 -0.86 0.00	33.21 -0.67 0.00	37.51 -0.79 0.00	49.61 -1.06 0.00	63.36 -1.47 0.00	58.84 -1.35 0.00	76.05 -1.73 0.00	67.21 -1.54 0.00	59.31 -1.33 0.00	42.36 -0.89 0.00	47.14 -1.00 0.00	51.31 -1.06 0.00	46.44 -1.01 0.00	48.60 -1.06 0.00	52.28 -1.15 0.00	58.47 -1.50 0.00	67.32 -1.83 0.00	93.37 -2.59 0.00
ELEC_TRO_TEK 24086	61.58 3.37 0.00	52.65 2.95 0.00	39.13 2.22 0.00	52.91 2.78 0.00	40.10 2.11 0.00	48.11 2.58 0.00	43.85 2.37 0.00	35.90 2.01 0.00	40.65 2.36 0.00	54.01 3.33 0.00	69.37 4.54 0.00	64.23 4.04 0.00	82.57 4.79 0.00	73.01 4.26 0.00	64.91 4.27 0.00	46.61 3.36 0.00	83.44 3.67 -31.63	127.15 4.28 -70.51	134.54 4.12 -82.96	145.88 4.32 -91.90	129.45 4.50 -71.52	64.46 4.47 -0.02	78.05 4.70 -4.19	101.97 6.02 0.00

ELLENBURG_WT_PWR 323604	58.91 0.70 0.00	50.35 0.65 0.00	37.30 0.39 0.00	50.75 0.62 0.00	38.40 0.41 0.00	46.07 0.55 0.00	41.98 0.50 0.00	34.27 0.39 0.00	38.63 0.33 0.00	51.23 0.55 0.00	65.43 0.60 0.00	60.57 0.39 0.00	78.23 0.46 0.00	69.14 0.39 0.00	61.02 0.38 0.00	43.49 0.24 0.00	48.47 0.33 0.00	52.51 0.14 0.00	47.56 0.10 0.00	49.73 0.07 0.00	53.57 0.14 0.00	60.56 0.59 0.00	70.36 1.21 0.00	97.83 1.88 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	54.70 -3.51 0.00	47.00 -2.70 0.00	34.84 -2.06 0.00	47.10 -3.03 0.00	35.93 -2.06 0.00	43.03 -2.49 0.00	38.86 -2.62 0.00	31.20 -2.69 0.00	35.17 -3.13 0.00	46.40 -4.28 0.00	58.76 -6.06 0.00	54.69 -5.50 0.00	70.73 -7.05 0.00	62.54 -6.21 0.00	55.34 -5.30 0.00	39.89 -3.35 0.00	43.95 -4.19 0.00	47.49 -4.88 0.00	42.62 -4.84 0.00	44.56 -5.10 0.00	48.47 -4.97 0.00	53.91 -6.06 0.00	62.80 -6.35 0.00	87.70 -8.25 0.00
EMPIRE_CC_1 323656	60.76 2.55 0.00	51.79 2.09 0.00	38.45 1.55 0.00	52.20 2.08 0.00	39.57 1.58 0.00	47.41 1.89 0.00	43.21 1.73 0.00	35.32 1.43 0.00	39.94 1.64 0.00	52.85 2.18 0.00	67.85 3.03 0.00	63.00 2.81 0.00	81.29 3.51 0.00	71.80 3.05 0.00	63.45 2.80 0.00	45.01 1.77 0.00	49.87 1.73 0.00	54.18 1.81 0.00	49.18 1.73 0.00	51.63 1.97 0.00	55.30 1.86 0.00	62.00 2.04 0.00	71.25 2.10 0.00	99.03 3.08 0.00
EMPIRE_CC_2 323658	60.76 2.55 0.00	51.79 2.09 0.00	38.45 1.55 0.00	52.20 2.08 0.00	39.57 1.58 0.00	47.41 1.89 0.00	43.21 1.73 0.00	35.32 1.43 0.00	39.94 1.64 0.00	52.85 2.18 0.00	67.85 3.03 0.00	63.00 2.81 0.00	81.29 3.51 0.00	71.80 3.05 0.00	63.45 2.80 0.00	45.01 1.77 0.00	49.87 1.73 0.00	54.18 1.81 0.00	49.18 1.73 0.00	51.63 1.97 0.00	55.30 1.86 0.00	62.00 2.04 0.00	71.25 2.10 0.00	99.03 3.08 0.00
ENORWICH_115KV_TB1 80156	63.36 5.14 0.00	53.91 4.20 0.00	39.99 3.08 0.00	54.13 4.00 0.00	41.10 3.11 0.00	49.39 3.87 0.00	45.01 3.53 0.00	36.95 3.07 0.00	41.91 3.61 0.00	55.45 4.78 0.00	70.68 5.86 0.00	65.61 5.43 0.00	84.63 6.85 0.00	74.62 5.87 0.00	65.76 5.12 0.00	47.21 3.97 0.00	52.78 4.64 0.00	57.58 5.21 0.00	52.04 4.59 0.00	54.43 4.77 0.00	58.59 5.16 0.00	65.33 5.36 0.00	75.11 5.95 0.00	103.96 8.01 0.00
ERIE_ST_34_KV_TB1-2 80199	56.15 -2.06 0.00	48.17 -1.53 0.00	35.70 -1.20 0.00	48.29 -1.84 0.00	36.81 -1.17 0.00	44.11 -1.41 0.00	39.85 -1.63 0.00	32.01 -1.88 0.00	36.10 -2.20 0.00	47.68 -2.99 0.00	60.42 -4.40 0.00	56.30 -3.88 0.00	72.80 -4.97 0.00	64.40 -4.35 0.00	57.00 -3.64 0.00	41.06 -2.18 0.00	45.24 -2.90 0.00	48.88 -3.49 0.00	43.90 -3.56 0.00	45.91 -3.75 0.00	49.88 -3.55 0.00	55.48 -4.49 0.00	64.56 -4.60 0.00	90.05 -5.90 0.00
ERIE_WT_PWR 323693	55.26 -2.95 0.00	47.47 -2.23 0.00	35.17 -1.73 0.00	47.58 -2.55 0.00	36.28 -1.71 0.00	43.46 -2.06 0.00	39.25 -2.23 0.00	31.50 -2.39 0.00	35.53 -2.77 0.00	46.90 -3.77 0.00	59.40 -5.43 0.00	55.32 -4.87 0.00	71.53 -6.25 0.00	63.24 -5.51 0.00	55.99 -4.65 0.00	40.34 -2.90 0.00	44.47 -3.67 0.00	48.07 -4.30 0.00	43.13 -4.33 0.00	45.09 -4.57 0.00	49.04 -4.40 0.00	54.54 -5.43 0.00	63.48 -5.68 0.00	88.61 -7.34 0.00
ESPRGFLD_115KV_TB1 80157	60.50 2.28 0.00	51.67 1.97 0.00	38.36 1.46 0.00	52.10 1.97 0.00	39.52 1.53 0.00	47.42 1.90 0.00	43.23 1.76 0.00	35.33 1.44 0.00	39.94 1.64 0.00	52.86 2.18 0.00	67.45 2.63 0.00	62.56 2.38 0.00	80.93 3.15 0.00	71.57 2.81 0.00	63.05 2.41 0.00	45.21 1.97 0.00	50.49 2.35 0.00	55.02 2.65 0.00	49.81 2.35 0.00	52.00 2.34 0.00	56.03 2.60 0.00	62.81 2.84 0.00	72.46 3.31 0.00	100.15 4.20 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	58.75 0.53 0.00	50.11 0.41 0.00	37.19 0.29 0.00	50.43 0.31 0.00	38.29 0.30 0.00	45.95 0.43 0.00	41.83 0.35 0.00	34.22 0.34 0.00	38.70 0.40 0.00	51.24 0.56 0.00	65.37 0.54 0.00	60.72 0.54 0.00	78.41 0.64 0.00	69.31 0.56 0.00	61.18 0.53 0.00	43.72 0.47 0.00	48.67 0.53 0.00	53.02 0.65 0.00	47.99 0.54 0.00	50.21 0.56 0.00	53.99 0.56 0.00	60.31 0.35 0.00	69.41 0.26 0.00	96.24 0.29 0.00
ETNA____115KV_TB2 80207	58.75 0.53 0.00	50.11 0.41 0.00	37.19 0.29 0.00	50.43 0.31 0.00	38.29 0.30 0.00	45.95 0.43 0.00	41.83 0.35 0.00	34.22 0.34 0.00	38.70 0.40 0.00	51.24 0.56 0.00	65.37 0.54 0.00	60.72 0.54 0.00	78.41 0.64 0.00	69.31 0.56 0.00	61.18 0.53 0.00	43.72 0.47 0.00	48.67 0.53 0.00	53.02 0.65 0.00	47.99 0.54 0.00	50.21 0.56 0.00	53.99 0.56 0.00	60.31 0.35 0.00	69.41 0.26 0.00	96.24 0.29 0.00
EUCLID____115KV_TB2 356179	56.63 -1.58 0.00	48.36 -1.35 0.00	35.91 -0.99 0.00	48.69 -1.44 0.00	36.97 -1.02 0.00	44.32 -1.20 0.00	40.34 -1.14 0.00	32.97 -0.91 0.00	37.25 -1.05 0.00	49.29 -1.38 0.00	62.98 -1.84 0.00	58.49 -1.70 0.00	75.56 -2.21 0.00	66.77 -1.98 0.00	58.94 -1.70 0.00	42.11 -1.14 0.00	46.85 -1.29 0.00	50.97 -1.40 0.00	46.15 -1.30 0.00	48.28 -1.38 0.00	51.95 -1.48 0.00	58.11 -1.85 0.00	66.94 -2.21 0.00	92.87 -3.08 0.00
E_CANADA_CAP_HY 24051	61.08 2.86 0.00	52.18 2.47 0.00	38.74 1.84 0.00	52.63 2.51 0.00	39.95 1.96 0.00	47.89 2.37 0.00	43.67 2.19 0.00	35.68 1.80 0.00	40.32 2.02 0.00	53.29 2.62 0.00	67.90 3.07 0.00	62.87 2.68 0.00	81.37 3.59 0.00	72.03 3.28 0.00	63.47 2.83 0.00	45.52 2.28 0.00	50.92 2.78 0.00	55.42 3.05 0.00	50.17 2.71 0.00	52.36 2.70 0.00	56.42 2.99 0.00	63.33 3.36 0.00	73.16 4.00 0.00	101.18 5.22 0.00
E_CANADA_MHWK_HY 24050	60.26 2.04 0.00	51.27 1.57 0.00	37.97 1.06 0.00	51.53 1.40 0.00	39.05 1.06 0.00	46.84 1.32 0.00	42.78 1.30 0.00	35.13 1.25 0.00	39.87 1.57 0.00	52.84 2.17 0.00	67.69 2.86 0.00	62.70 2.51 0.00	81.01 3.23 0.00	71.58 2.83 0.00	63.12 2.47 0.00	44.76 1.52 0.00	49.97 1.83 0.00	54.62 2.26 0.00	49.55 2.10 0.00	51.96 2.30 0.00	55.71 2.27 0.00	62.10 2.14 0.00	70.97 1.82 0.00	98.48 2.53 0.00
E_FISHKILL____LBMP 23776	60.78 2.57 0.00	51.92 2.22 0.00	38.57 1.67 0.00	52.25 2.12 0.00	39.62 1.64 0.00	47.51 1.99 0.00	43.39 1.91 0.00	35.47 1.59 0.00	40.14 1.84 0.00	53.17 2.49 0.00	68.15 3.32 0.00	63.26 3.07 0.00	81.56 3.79 0.00	72.10 3.35 0.00	63.75 3.11 0.00	45.64 2.40 0.00	50.80 2.66 0.00	55.47 3.10 0.00	50.44 2.98 0.00	52.75 3.09 0.00	56.63 3.20 0.00	63.11 3.14 0.00	72.35 3.20 0.00	100.06 4.11 0.00
FALCON____SEABRD_CC1 323796	59.32 1.11 0.00	50.66 0.95 0.00	37.46 0.55 0.00	51.00 0.87 0.00	38.59 0.60 0.00	46.34 0.82 0.00	42.25 0.77 0.00	34.54 0.65 0.00	38.84 0.54 0.00	51.66 0.99 0.00	65.90 1.08 0.00	60.91 0.72 0.00	78.58 0.81 0.00	69.44 0.68 0.00	61.33 0.69 0.00	43.63 0.39 0.00	48.66 0.52 0.00	52.68 0.31 0.00	47.77 0.31 0.00	49.92 0.26 0.00	53.77 0.34 0.00	60.78 0.82 0.00	70.70 1.55 0.00	98.27 2.32 0.00

FALCON___SEABRD_CC2 323797	59.32 1.11 0.00	50.66 0.95 0.00	37.46 0.55 0.00	51.00 0.87 0.00	38.59 0.60 0.00	46.34 0.82 0.00	42.25 0.77 0.00	34.54 0.65 0.00	38.84 0.54 0.00	51.66 0.99 0.00	65.90 1.08 0.00	60.91 0.72 0.00	78.58 0.81 0.00	69.44 0.68 0.00	61.33 0.69 0.00	43.63 0.39 0.00	48.66 0.52 0.00	52.68 0.31 0.00	47.77 0.31 0.00	49.92 0.26 0.00	53.77 0.34 0.00	60.78 0.82 0.00	70.70 1.55 0.00	98.27 2.32 0.00
FAR ROCKAWAY___4 23548	62.37 4.15 0.00	53.29 3.59 0.00	39.59 2.68 0.00	53.51 3.38 0.00	40.56 2.57 0.00	48.67 3.14 0.00	44.38 2.90 0.00	36.32 2.43 0.00	41.16 2.86 0.00	54.67 4.00 0.00	70.23 5.40 0.00	65.03 4.84 0.00	83.65 5.87 0.00	73.96 5.21 0.00	65.71 5.06 0.00	47.20 3.96 0.00	81.21 4.36 -28.72	121.48 5.04 -64.07	127.74 4.82 -75.46	138.32 5.07 -83.59	123.78 5.30 -65.05	65.33 5.35 -0.01	78.66 5.70 -3.81	103.33 7.37 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	61.02 2.81 0.00	52.17 2.46 0.00	38.77 1.86 0.00	52.45 2.32 0.00	39.78 1.80 0.00	47.73 2.20 0.00	43.66 2.18 0.00	35.66 1.78 0.00	40.36 2.06 0.00	53.46 2.79 0.00	68.50 3.68 0.00	63.57 3.38 0.00	81.92 4.14 0.00	72.48 3.73 0.00	64.15 3.50 0.00	46.11 2.87 0.00	51.30 3.16 0.00	56.00 3.64 0.00	50.97 3.51 0.00	53.27 3.61 0.00	57.14 3.71 0.00	63.53 3.56 0.00	72.73 3.57 0.00	100.50 4.55 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	61.05 2.84 0.00	52.20 2.50 0.00	38.79 1.89 0.00	52.48 2.36 0.00	39.81 1.82 0.00	47.75 2.23 0.00	43.68 2.20 0.00	35.68 1.79 0.00	40.38 2.09 0.00	53.51 2.83 0.00	68.55 3.72 0.00	63.60 3.42 0.00	81.98 4.20 0.00	72.52 3.77 0.00	64.20 3.55 0.00	46.14 2.90 0.00	51.32 3.19 0.00	56.04 3.67 0.00	51.00 3.55 0.00	53.31 3.65 0.00	57.19 3.75 0.00	63.57 3.61 0.00	72.77 3.61 0.00	100.56 4.61 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	60.99 2.78 0.00	52.15 2.45 0.00	38.75 1.85 0.00	52.43 2.31 0.00	39.77 1.78 0.00	47.71 2.18 0.00	43.63 2.16 0.00	35.64 1.76 0.00	40.35 2.05 0.00	53.45 2.78 0.00	68.48 3.65 0.00	63.53 3.34 0.00	81.89 4.12 0.00	72.45 3.70 0.00	64.13 3.48 0.00	46.10 2.85 0.00	51.26 3.13 0.00	55.98 3.61 0.00	50.93 3.48 0.00	53.25 3.59 0.00	57.11 3.67 0.00	63.50 3.53 0.00	72.69 3.54 0.00	100.44 4.49 0.00
FARRAGUT___LBMP 323566	60.95 2.73 0.00	52.11 2.41 0.00	38.72 1.82 0.00	52.39 2.26 0.00	39.74 1.75 0.00	47.66 2.14 0.00	43.61 2.13 0.00	35.62 1.73 0.00	40.32 2.02 0.00	53.40 2.73 0.00	68.42 3.59 0.00	63.48 3.30 0.00	81.82 4.04 0.00	72.39 3.64 0.00	64.07 3.43 0.00	46.05 2.81 0.00	51.22 3.08 0.00	55.94 3.57 0.00	50.90 3.44 0.00	53.21 3.55 0.00	57.08 3.65 0.00	63.45 3.49 0.00	72.63 3.47 0.00	100.37 4.42 0.00
FENNER___WINDPWR 24204	59.15 0.94 0.00	50.47 0.77 0.00	37.45 0.55 0.00	50.83 0.71 0.00	38.59 0.60 0.00	46.30 0.78 0.00	42.19 0.71 0.00	34.51 0.62 0.00	39.04 0.74 0.00	51.67 0.99 0.00	65.97 1.15 0.00	61.12 0.93 0.00	78.80 1.02 0.00	69.61 0.85 0.00	61.40 0.76 0.00	43.88 0.63 0.00	48.98 0.83 0.00	53.32 0.95 0.00	48.29 0.83 0.00	50.53 0.87 0.00	54.35 0.91 0.00	60.80 0.84 0.00	70.02 0.86 0.00	97.04 1.09 0.00
FIBERTEK___ENERGY 23856	57.26 -0.96 0.00	48.89 -0.82 0.00	36.30 -0.60 0.00	49.23 -0.89 0.00	37.38 -0.61 0.00	44.82 -0.70 0.00	40.83 -0.65 0.00	33.38 -0.50 0.00	37.71 -0.59 0.00	49.90 -0.78 0.00	63.74 -1.08 0.00	59.20 -0.99 0.00	76.50 -1.28 0.00	67.60 -1.15 0.00	59.67 -0.97 0.00	42.62 -0.63 0.00	47.43 -0.71 0.00	51.62 -0.75 0.00	46.73 -0.73 0.00	48.89 -0.77 0.00	52.60 -0.84 0.00	58.83 -1.13 0.00	67.74 -1.41 0.00	93.93 -2.02 0.00
FITZPATRICK____ 23598	55.86 -2.35 0.00	47.71 -1.99 0.00	35.45 -1.46 0.00	48.07 -2.05 0.00	36.49 -1.50 0.00	43.72 -1.80 0.00	39.82 -1.66 0.00	32.55 -1.33 0.00	36.76 -1.54 0.00	48.63 -2.04 0.00	62.15 -2.68 0.00	57.72 -2.47 0.00	74.58 -3.20 0.00	65.92 -2.83 0.00	58.17 -2.48 0.00	41.52 -1.72 0.00	46.20 -1.94 0.00	50.26 -2.10 0.00	45.51 -1.95 0.00	47.62 -2.04 0.00	51.23 -2.20 0.00	57.36 -2.60 0.00	66.12 -3.03 0.00	91.73 -4.22 0.00
FLOWRFLD_69_KV_BK1 356044	62.86 4.65 0.00	53.71 4.01 0.00	39.96 3.06 0.00	53.96 3.84 0.00	40.83 2.85 0.00	48.98 3.46 0.00	44.54 3.06 0.00	36.53 2.64 0.00	41.39 3.10 0.00	55.01 4.34 0.00	70.96 6.13 0.00	65.57 5.38 0.00	84.15 6.37 0.00	74.35 5.60 0.00	66.41 5.77 0.00	47.85 4.60 0.00	74.04 5.21 -20.68	103.03 6.12 -44.55	103.63 5.76 -50.41	111.51 6.01 -55.84	103.16 6.27 -43.46	66.36 6.39 -0.01	78.56 6.86 -2.55	104.81 8.85 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	61.76 3.55 0.00	52.74 3.04 0.00	39.16 2.25 0.00	53.04 2.91 0.00	40.22 2.24 0.00	48.25 2.73 0.00	44.08 2.60 0.00	36.06 2.17 0.00	40.82 2.52 0.00	54.08 3.40 0.00	69.24 4.41 0.00	64.21 4.02 0.00	82.74 4.96 0.00	73.14 4.39 0.00	64.72 4.07 0.00	46.40 3.16 0.00	51.72 3.59 0.00	56.52 4.15 0.00	51.35 3.90 0.00	53.70 4.05 0.00	57.67 4.24 0.00	64.26 4.30 0.00	73.64 4.48 0.00	101.79 5.84 0.00
FORT ORANGE____ 23900	61.00 2.79 0.00	52.04 2.34 0.00	38.61 1.70 0.00	52.44 2.31 0.00	39.75 1.76 0.00	47.64 2.12 0.00	43.46 1.99 0.00	35.53 1.65 0.00	40.09 1.79 0.00	52.82 2.15 0.00	67.76 2.94 0.00	62.92 2.74 0.00	81.16 3.39 0.00	71.63 2.88 0.00	63.12 2.47 0.00	44.61 1.37 0.00	49.63 1.48 0.00	54.02 1.65 0.00	49.02 1.57 0.00	51.34 1.68 0.00	55.10 1.66 0.00	61.63 1.67 0.00	70.86 1.70 0.00	98.86 2.91 0.00
FORT_DRUM_COGEN 23780	59.81 1.60 0.00	50.89 1.19 0.00	37.77 0.87 0.00	51.32 1.20 0.00	38.91 0.92 0.00	46.76 1.24 0.00	42.60 1.13 0.00	34.88 0.99 0.00	39.63 1.33 0.00	52.22 1.55 0.00	66.41 1.58 0.00	61.58 1.39 0.00	78.98 1.20 0.00	69.49 0.75 0.00	61.25 0.60 0.00	43.99 0.75 0.00	49.58 1.44 0.00	54.05 1.69 0.00	48.96 1.50 0.00	51.20 1.54 0.00	55.10 1.67 0.00	61.80 1.83 0.00	71.05 1.89 0.00	98.30 2.35 0.00
FOX_HILLS___ESR 323835	61.09 2.87 0.00	52.43 2.73 0.00	38.99 2.08 0.00	52.67 2.55 0.00	40.02 2.03 0.00	47.95 2.43 0.00	43.83 2.35 0.00	35.74 1.86 0.00	40.44 2.14 0.00	53.46 2.79 0.00	68.51 3.69 0.00	63.65 3.46 0.00	82.03 4.25 0.00	72.62 3.87 0.00	64.30 3.66 0.00	48.75 3.08 -2.42	51.48 3.34 0.00	56.14 3.78 0.00	51.14 3.68 0.00	53.35 3.70 0.00	56.92 3.57 0.09	63.43 3.46 0.00	72.78 3.62 0.00	100.62 4.67 0.00
FPL FAR_ROCK_GT1 24212	62.37 4.15 0.00	53.29 3.59 0.00	39.59 2.69 0.00	53.51 3.39 0.00	40.56 2.57 0.00	48.66 3.14 0.00	44.37 2.90 0.00	36.31 2.43 0.00	41.16 2.86 0.00	54.67 4.00 0.00	70.22 5.40 0.00	65.03 4.84 0.00	83.64 5.87 0.00	73.96 5.21 0.00	65.71 5.06 0.00	47.21 3.96 0.00	81.21 4.35 -28.72	121.47 5.03 -64.07	127.74 4.82 -75.46	138.33 5.08 -83.59	123.78 5.30 -65.05	65.33 5.35 -0.01	78.66 5.70 -3.81	103.33 7.37 0.00

FPL FAR_ROCK_GT2 23815	62.37 4.15 0.00	53.29 3.59 0.00	39.59 2.69 0.00	53.51 3.39 0.00	40.56 2.57 0.00	48.66 3.14 0.00	44.37 2.90 0.00	36.31 2.43 0.00	41.16 2.86 0.00	54.67 4.00 0.00	70.22 5.40 0.00	65.03 4.84 0.00	83.64 5.87 0.00	73.96 5.21 0.00	65.71 5.06 0.00	47.21 3.96 0.00	81.21 4.35 -28.72	121.47 5.03 -64.07	127.74 4.82 -75.46	138.33 5.08 -83.59	123.78 5.30 -65.05	65.33 5.35 -0.01	78.66 5.70 -3.81	103.33 7.37 0.00
FRANKLIN_FALL_HYD 24054	59.66 1.45 0.00	50.96 1.26 0.00	37.73 0.83 0.00	51.29 1.17 0.00	38.82 0.84 0.00	46.58 1.06 0.00	42.42 0.94 0.00	34.61 0.73 0.00	39.10 0.81 0.00	51.81 1.13 0.00	66.20 1.38 0.00	61.38 1.19 0.00	79.23 1.46 0.00	70.01 1.26 0.00	61.72 1.07 0.00	44.02 0.78 0.00	49.04 0.90 0.00	53.08 0.72 0.00	48.19 0.73 0.00	50.34 0.68 0.00	54.28 0.84 0.00	61.52 1.56 0.00	71.40 2.25 0.00	99.31 3.35 0.00
FREEPORT_EQUS_GT1 23764	61.99 3.77 0.00	52.98 3.27 0.00	39.37 2.47 0.00	53.22 3.10 0.00	40.33 2.35 0.00	48.37 2.85 0.00	44.09 2.61 0.00	36.10 2.22 0.00	40.90 2.60 0.00	54.36 3.68 0.00	69.86 5.03 0.00	64.70 4.51 0.00	83.09 5.32 0.00	73.47 4.72 0.00	65.37 4.73 0.00	46.96 3.72 0.00	77.43 4.00 -25.30	112.61 4.61 -55.63	116.43 4.49 -64.49	125.92 4.83 -71.43	114.05 5.03 -55.59	65.03 5.05 -0.01	77.75 5.34 -3.26	102.82 6.87 0.00
FREEPORT___CT2 23818	61.99 3.77 0.00	52.98 3.27 0.00	39.37 2.47 0.00	53.22 3.10 0.00	40.33 2.35 0.00	48.37 2.85 0.00	44.09 2.61 0.00	36.10 2.22 0.00	40.90 2.60 0.00	54.36 3.68 0.00	69.86 5.03 0.00	64.70 4.51 0.00	83.09 5.32 0.00	73.47 4.72 0.00	65.37 4.73 0.00	46.96 3.72 0.00	77.43 4.00 -25.30	112.61 4.61 -55.63	116.43 4.49 -64.49	125.92 4.83 -71.43	114.05 5.03 -55.59	65.03 5.05 -0.01	77.75 5.34 -3.26	102.82 6.87 0.00
FRESHKLS_33_KV_LOAD 356253	61.00 2.79 0.00	52.44 2.74 0.00	39.02 2.12 0.00	52.66 2.53 0.00	40.05 2.06 0.00	47.99 2.47 0.00	43.85 2.37 0.00	35.73 1.85 0.00	40.42 2.12 0.00	53.34 2.67 0.00	68.29 3.47 0.00	63.48 3.30 0.00	81.80 4.03 0.00	72.44 3.69 0.00	64.20 3.56 0.00	48.74 3.08 -2.42	51.45 3.31 0.00	56.12 3.75 0.00	51.15 3.69 0.00	53.31 3.65 0.00	56.78 3.43 0.09	63.27 3.31 0.00	72.68 3.53 0.00	100.50 4.54 0.00
FULTON COGEN____ 23766	56.23 -1.98 0.00	48.05 -1.65 0.00	35.70 -1.20 0.00	48.42 -1.71 0.00	36.76 -1.23 0.00	44.02 -1.50 0.00	40.13 -1.35 0.00	32.81 -1.08 0.00	37.07 -1.23 0.00	49.07 -1.60 0.00	62.69 -2.14 0.00	58.24 -1.95 0.00	75.23 -2.55 0.00	66.49 -2.26 0.00	58.66 -1.98 0.00	41.90 -1.34 0.00	46.64 -1.50 0.00	50.75 -1.62 0.00	45.92 -1.53 0.00	48.07 -1.59 0.00	51.72 -1.71 0.00	57.86 -2.11 0.00	66.61 -2.55 0.00	92.31 -3.64 0.00
FULTON___LFGE 323630	61.73 3.52 0.00	52.67 2.97 0.00	39.08 2.18 0.00	53.09 2.96 0.00	40.28 2.30 0.00	48.30 2.77 0.00	44.06 2.58 0.00	36.06 2.17 0.00	40.80 2.51 0.00	53.93 3.26 0.00	68.76 3.93 0.00	63.60 3.41 0.00	82.35 4.57 0.00	72.84 4.09 0.00	64.08 3.44 0.00	45.92 2.68 0.00	51.46 3.32 0.00	56.07 3.70 0.00	50.79 3.33 0.00	53.09 3.44 0.00	57.15 3.72 0.00	64.03 4.06 0.00	73.74 4.58 0.00	101.98 6.03 0.00
G.F.CEMENT___DRP 24184	62.62 4.41 0.00	53.14 3.44 0.00	39.41 2.50 0.00	53.51 3.39 0.00	40.56 2.58 0.00	48.65 3.13 0.00	44.31 2.84 0.00	36.37 2.49 0.00	41.22 2.93 0.00	54.63 3.95 0.00	70.03 5.20 0.00	64.94 4.75 0.00	83.73 5.95 0.00	73.88 5.12 0.00	65.41 4.77 0.00	46.67 3.43 0.00	51.99 3.85 0.00	56.62 4.25 0.00	51.34 3.88 0.00	53.81 4.15 0.00	57.74 4.30 0.00	64.50 4.54 0.00	73.96 4.81 0.00	102.53 6.58 0.00
GARDENVILLE___LBMP 24039	55.05 -3.16 0.00	47.28 -2.42 0.00	35.04 -1.87 0.00	47.39 -2.74 0.00	36.13 -1.85 0.00	43.29 -2.23 0.00	39.10 -2.38 0.00	31.40 -2.48 0.00	35.40 -2.90 0.00	46.73 -3.94 0.00	59.15 -5.67 0.00	55.08 -5.11 0.00	71.22 -6.55 0.00	63.00 -5.75 0.00	55.76 -4.88 0.00	40.17 -3.07 0.00	44.28 -3.86 0.00	47.84 -4.53 0.00	42.94 -4.51 0.00	44.90 -4.76 0.00	48.83 -4.60 0.00	54.30 -5.67 0.00	63.24 -5.91 0.00	88.26 -7.69 0.00
GARDNVLA_35_KV_LD 355827	55.31 -2.90 0.00	47.50 -2.20 0.00	35.20 -1.71 0.00	47.59 -2.54 0.00	36.29 -1.70 0.00	43.48 -2.04 0.00	39.27 -2.21 0.00	31.54 -2.34 0.00	35.56 -2.74 0.00	46.94 -3.73 0.00	59.45 -5.38 0.00	55.37 -4.82 0.00	71.58 -6.19 0.00	63.32 -5.44 0.00	56.04 -4.61 0.00	40.38 -2.87 0.00	44.52 -3.62 0.00	48.10 -4.27 0.00	43.16 -4.30 0.00	45.13 -4.53 0.00	49.07 -4.37 0.00	54.58 -5.38 0.00	63.55 -5.61 0.00	88.69 -7.26 0.00
GELCKHM___115KV_LOAD 80723	56.87 -1.34 0.00	48.55 -1.15 0.00	36.06 -0.84 0.00	48.89 -1.23 0.00	37.13 -0.85 0.00	44.51 -1.01 0.00	40.54 -0.94 0.00	33.13 -0.75 0.00	37.43 -0.87 0.00	49.54 -1.14 0.00	63.27 -1.56 0.00	58.77 -1.41 0.00	75.93 -1.85 0.00	67.11 -1.64 0.00	59.22 -1.42 0.00	42.30 -0.94 0.00	47.08 -1.06 0.00	51.23 -1.14 0.00	46.39 -1.06 0.00	48.52 -1.14 0.00	52.20 -1.23 0.00	58.39 -1.57 0.00	67.26 -1.90 0.00	93.28 -2.67 0.00
GENERAL___MILLS 23808	55.23 -2.98 0.00	47.43 -2.27 0.00	35.15 -1.75 0.00	47.54 -2.59 0.00	36.25 -1.74 0.00	43.43 -2.09 0.00	39.22 -2.26 0.00	31.51 -2.38 0.00	35.51 -2.79 0.00	46.87 -3.80 0.00	59.35 -5.48 0.00	55.27 -4.92 0.00	71.46 -6.32 0.00	63.22 -5.53 0.00	55.95 -4.70 0.00	40.32 -2.93 0.00	44.43 -3.71 0.00	48.00 -4.36 0.00	43.09 -4.37 0.00	45.05 -4.61 0.00	49.00 -4.44 0.00	54.49 -5.48 0.00	63.46 -5.70 0.00	88.56 -7.39 0.00
GE_PLASTICS___DRP 24183	60.37 2.16 0.00	51.49 1.79 0.00	38.21 1.30 0.00	51.89 1.76 0.00	39.33 1.34 0.00	47.14 1.62 0.00	42.97 1.49 0.00	35.13 1.25 0.00	39.73 1.43 0.00	52.55 1.87 0.00	67.40 2.58 0.00	62.61 2.42 0.00	80.83 3.06 0.00	71.40 2.65 0.00	62.95 2.31 0.00	44.57 1.33 0.00	49.56 1.42 0.00	53.96 1.59 0.00	48.96 1.50 0.00	51.27 1.61 0.00	55.04 1.61 0.00	61.57 1.61 0.00	70.80 1.65 0.00	98.56 2.61 0.00
GILBOA___1 23756	60.00 1.79 0.00	51.05 1.35 0.00	37.91 1.01 0.00	51.58 1.46 0.00	39.05 1.06 0.00	46.73 1.21 0.00	42.58 1.10 0.00	34.78 0.90 0.00	39.40 1.10 0.00	52.15 1.48 0.00	67.05 2.22 0.00	62.46 2.28 0.00	80.89 3.12 0.00	71.49 2.74 0.00	62.88 2.23 0.00	44.55 1.31 0.00	49.56 1.42 0.00	54.01 1.64 0.00	49.01 1.55 0.00	51.29 1.63 0.00	55.10 1.67 0.00	61.58 1.61 0.00	70.79 1.64 0.00	98.18 2.23 0.00
GILBOA___2 23757	60.00 1.79 0.00	51.05 1.35 0.00	37.91 1.01 0.00	51.58 1.46 0.00	39.05 1.06 0.00	46.73 1.21 0.00	42.58 1.10 0.00	34.78 0.90 0.00	39.40 1.10 0.00	52.15 1.48 0.00	67.05 2.22 0.00	62.46 2.28 0.00	80.89 3.12 0.00	71.49 2.74 0.00	62.88 2.23 0.00	44.55 1.31 0.00	49.56 1.42 0.00	54.01 1.64 0.00	49.01 1.55 0.00	51.29 1.63 0.00	55.10 1.67 0.00	61.58 1.61 0.00	70.79 1.64 0.00	98.18 2.23 0.00

GILBOA___3 23758	60.00 1.79 0.00	51.05 1.35 0.00	37.91 1.01 0.00	51.58 1.46 0.00	39.05 1.06 0.00	46.73 1.21 0.00	42.58 1.10 0.00	34.78 0.90 0.00	39.40 1.10 0.00	52.15 1.48 0.00	67.05 2.22 0.00	62.46 2.28 0.00	80.89 3.12 0.00	71.49 2.74 0.00	62.88 2.23 0.00	44.55 1.31 0.00	49.56 1.42 0.00	54.01 1.64 0.00	49.01 1.55 0.00	51.29 1.63 0.00	55.10 1.67 0.00	61.58 1.61 0.00	70.79 1.64 0.00	98.18 2.23 0.00
GILBOA___4 23759	60.00 1.79 0.00	51.05 1.35 0.00	37.91 1.01 0.00	51.58 1.46 0.00	39.05 1.06 0.00	46.73 1.21 0.00	42.58 1.10 0.00	34.78 0.90 0.00	39.40 1.10 0.00	52.15 1.48 0.00	67.05 2.22 0.00	62.46 2.28 0.00	80.89 3.12 0.00	71.49 2.74 0.00	62.88 2.23 0.00	44.55 1.31 0.00	49.56 1.42 0.00	54.01 1.64 0.00	49.01 1.55 0.00	51.29 1.63 0.00	55.10 1.67 0.00	61.58 1.61 0.00	70.79 1.64 0.00	98.18 2.23 0.00
GILBOA___ 23599	60.00 1.79 0.00	51.05 1.35 0.00	37.91 1.01 0.00	51.58 1.46 0.00	39.05 1.06 0.00	46.73 1.21 0.00	42.58 1.10 0.00	34.78 0.90 0.00	39.40 1.10 0.00	52.15 1.48 0.00	67.05 2.22 0.00	62.46 2.28 0.00	80.89 3.11 0.00	71.48 2.72 0.00	62.88 2.23 0.00	44.55 1.31 0.00	49.56 1.42 0.00	54.01 1.65 0.00	49.01 1.56 0.00	51.29 1.63 0.00	55.10 1.66 0.00	61.58 1.61 0.00	70.79 1.63 0.00	98.18 2.23 0.00
GINNA___ 23603	53.44 -4.77 0.00	45.75 -3.95 0.00	33.95 -2.95 0.00	45.99 -4.14 0.00	34.99 -3.00 0.00	41.95 -3.57 0.00	38.11 -3.37 0.00	30.91 -2.97 0.00	34.93 -3.36 0.00	46.20 -4.48 0.00	58.83 -5.99 0.00	54.69 -5.50 0.00	70.70 -7.07 0.00	62.50 -6.26 0.00	55.22 -5.42 0.00	39.60 -3.64 0.00	43.91 -4.23 0.00	47.61 -4.76 0.00	42.89 -4.56 0.00	44.83 -4.83 0.00	48.46 -4.97 0.00	54.03 -5.93 0.00	62.49 -6.66 0.00	86.91 -9.05 0.00
GLEN PARK___ 23778	60.05 1.83 0.00	51.09 1.39 0.00	37.92 1.02 0.00	51.54 1.41 0.00	39.07 1.09 0.00	46.97 1.45 0.00	42.82 1.34 0.00	35.06 1.18 0.00	39.86 1.56 0.00	52.48 1.81 0.00	66.64 1.82 0.00	61.80 1.61 0.00	79.15 1.38 0.00	69.60 0.85 0.00	61.37 0.72 0.00	44.12 0.88 0.00	49.83 1.69 0.00	54.36 1.99 0.00	49.22 1.76 0.00	51.48 1.82 0.00	55.39 1.96 0.00	62.11 2.14 0.00	71.37 2.21 0.00	98.69 2.73 0.00
GLENDALE_27_KV_LOAD 356172	61.25 3.03 0.00	52.38 2.68 0.00	38.94 2.03 0.00	52.68 2.55 0.00	39.96 1.97 0.00	47.91 2.39 0.00	43.87 2.39 0.00	35.80 1.92 0.00	40.53 2.24 0.00	53.71 3.03 0.00	68.92 4.10 0.00	63.95 3.76 0.00	82.40 4.63 0.00	72.89 4.14 0.00	64.52 3.87 0.00	46.36 3.12 0.00	51.55 3.42 0.00	56.27 3.90 0.00	51.19 3.73 0.00	53.52 3.86 0.00	57.40 3.97 0.00	63.80 3.84 0.00	73.07 3.92 0.00	101.04 5.09 0.00
GLENWOOD_IC_1_G5 23712	61.22 3.01 0.00	52.50 2.80 0.00	39.13 2.23 0.00	52.93 2.80 0.00	40.12 2.14 0.00	48.13 2.61 0.00	43.93 2.45 0.00	35.94 2.05 0.00	40.69 2.40 0.00	53.96 3.29 0.00	68.87 4.05 0.00	63.82 3.63 0.00	82.13 4.35 0.00	72.64 3.89 0.00	64.45 3.81 0.00	46.26 3.02 0.00	82.95 3.34 -31.47	126.11 3.89 -69.85	133.02 3.75 -81.82	144.19 3.90 -90.62	128.01 4.05 -70.53	63.96 3.98 -0.02	77.39 4.11 -4.13	101.18 5.23 0.00
GLENWOOD_IC_2_G1 23688	61.24 3.03 0.00	52.37 2.66 0.00	38.92 2.02 0.00	52.66 2.53 0.00	39.92 1.94 0.00	47.89 2.37 0.00	43.73 2.25 0.00	35.75 1.87 0.00	40.47 2.18 0.00	53.68 3.00 0.00	68.82 4.00 0.00	63.81 3.63 0.00	82.18 4.40 0.00	72.67 3.92 0.00	64.42 3.78 0.00	46.22 2.98 0.00	52.74 3.29 -1.31	59.11 3.81 -2.93	54.58 3.67 -3.46	57.31 3.82 -3.84	60.38 3.97 -2.99	63.88 3.91 0.00	73.36 4.03 -0.17	101.11 5.16 0.00
GLENWOOD_IC_3_G1 23689	61.24 3.03 0.00	52.37 2.66 0.00	38.92 2.02 0.00	52.66 2.53 0.00	39.92 1.94 0.00	47.89 2.37 0.00	43.73 2.25 0.00	35.75 1.87 0.00	40.47 2.18 0.00	53.68 3.00 0.00	68.82 4.00 0.00	63.81 3.63 0.00	82.18 4.40 0.00	72.67 3.92 0.00	64.42 3.78 0.00	46.22 2.98 0.00	52.74 3.29 -1.31	59.11 3.81 -2.93	54.58 3.67 -3.46	57.31 3.82 -3.84	60.38 3.97 -2.99	63.88 3.91 0.00	73.36 4.03 -0.17	101.11 5.16 0.00
GLENWOOD___4 23550	61.35 3.14 0.00	52.56 2.86 0.00	39.13 2.23 0.00	52.93 2.80 0.00	40.12 2.14 0.00	48.13 2.61 0.00	43.93 2.45 0.00	35.94 2.05 0.00	40.69 2.40 0.00	53.98 3.30 0.00	69.02 4.20 0.00	63.97 3.78 0.00	82.32 4.54 0.00	72.81 4.06 0.00	64.61 3.97 0.00	46.37 3.12 0.00	83.07 3.47 -31.47	126.26 4.04 -69.85	133.13 3.86 -81.82	144.30 4.02 -90.62	128.14 4.18 -70.53	64.11 4.12 -0.02	77.58 4.29 -4.13	101.44 5.48 0.00
GLENWOOD___5 23614	61.35 3.14 0.00	52.56 2.86 0.00	39.13 2.23 0.00	52.93 2.80 0.00	40.12 2.14 0.00	48.13 2.61 0.00	43.93 2.45 0.00	35.94 2.05 0.00	40.69 2.40 0.00	53.98 3.30 0.00	69.02 4.20 0.00	63.97 3.78 0.00	82.32 4.54 0.00	72.81 4.06 0.00	64.61 3.97 0.00	46.37 3.12 0.00	83.07 3.47 -31.47	126.26 4.04 -69.85	133.13 3.86 -81.82	144.30 4.02 -90.62	128.14 4.18 -70.53	64.11 4.12 -0.02	77.58 4.29 -4.13	101.44 5.48 0.00
GLOBAL GREEN_PORT_GT1 23814	63.91 5.69 0.00	54.43 4.73 0.00	40.72 3.81 0.00	54.81 4.68 0.00	41.08 3.09 0.00	49.19 3.67 0.00	44.72 3.24 0.00	36.75 2.87 0.00	41.89 3.59 0.00	55.79 5.11 0.00	72.45 7.63 0.00	67.11 6.93 0.00	86.11 8.33 0.00	75.87 7.12 0.00	67.77 7.12 0.00	49.17 5.92 0.00	75.67 6.91 -20.61	104.83 8.08 -44.38	105.17 7.51 -50.20	113.08 7.82 -55.61	104.87 8.16 -43.28	68.25 8.27 -0.01	80.38 8.69 -2.54	107.23 11.28 0.00
GLOBE___DSASP 323697	52.67 -5.54 0.00	45.31 -4.39 0.00	33.61 -3.29 0.00	45.43 -4.70 0.00	34.66 -3.33 0.00	41.51 -4.02 0.00	37.45 -4.03 0.00	29.96 -3.92 0.00	33.76 -4.53 0.00	44.48 -6.19 0.00	56.29 -8.54 0.00	52.38 -7.80 0.00	67.80 -9.98 0.00	59.92 -8.83 0.00	53.02 -7.62 0.00	38.24 -5.00 0.00	42.10 -6.04 0.00	45.41 -6.96 0.00	40.71 -6.75 0.00	42.54 -7.12 0.00	46.40 -7.04 0.00	51.60 -8.36 0.00	60.24 -8.91 0.00	84.35 -11.60 0.00
GOETHSLN___LBMP 323567	60.59 2.37 0.00	51.83 2.12 0.00	38.51 1.61 0.00	52.08 1.95 0.00	39.50 1.52 0.00	47.38 1.86 0.00	43.35 1.87 0.00	35.41 1.53 0.00	40.08 1.78 0.00	53.08 2.41 0.00	67.95 3.13 0.00	63.04 2.86 0.00	81.24 3.47 0.00	71.88 3.13 0.00	63.62 2.98 0.00	45.78 2.54 0.00	50.93 2.79 0.00	55.65 3.28 0.00	50.64 3.18 0.00	52.93 3.27 0.00	56.77 3.34 0.00	63.08 3.12 0.00	72.19 3.03 0.00	99.74 3.78 0.00
GOLAH___69_KV_TB 1_2 80279	55.67 -2.54 0.00	47.69 -2.01 0.00	35.37 -1.54 0.00	47.86 -2.27 0.00	36.46 -1.53 0.00	43.69 -1.83 0.00	39.62 -1.86 0.00	32.07 -1.81 0.00	36.22 -2.08 0.00	47.87 -2.80 0.00	60.85 -3.97 0.00	56.58 -3.61 0.00	73.16 -4.62 0.00	64.68 -4.07 0.00	57.17 -3.48 0.00	41.04 -2.20 0.00	45.44 -2.70 0.00	49.25 -3.12 0.00	44.32 -3.14 0.00	46.33 -3.33 0.00	50.18 -3.25 0.00	55.90 -4.07 0.00	64.78 -4.37 0.00	90.11 -5.84 0.00

GOODYEAR_LAKE_HYD 323669	60.37 2.15 0.00	51.49 1.79 0.00	38.23 1.33 0.00	51.90 1.77 0.00	39.35 1.36 0.00	47.21 1.68 0.00	43.03 1.55 0.00	35.19 1.30 0.00	39.81 1.52 0.00	52.73 2.06 0.00	67.44 2.62 0.00	62.66 2.47 0.00	81.01 3.23 0.00	71.57 2.82 0.00	63.06 2.42 0.00	45.08 1.83 0.00	50.25 2.11 0.00	54.79 2.42 0.00	49.66 2.21 0.00	51.90 2.24 0.00	55.84 2.41 0.00	62.46 2.49 0.00	71.86 2.71 0.00	99.44 3.49 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	57.95 -0.26 0.00	49.47 -0.23 0.00	36.71 -0.20 0.00	49.76 -0.36 0.00	37.78 -0.21 0.00	45.33 -0.19 0.00	41.21 -0.27 0.00	33.69 -0.20 0.00	38.06 -0.24 0.00	50.43 -0.24 0.00	64.31 -0.51 0.00	59.80 -0.39 0.00	77.30 -0.47 0.00	68.36 -0.39 0.00	60.34 -0.31 0.00	43.05 -0.19 0.00	47.83 -0.31 0.00	52.10 -0.27 0.00	47.16 -0.30 0.00	49.38 -0.28 0.00	53.08 -0.35 0.00	59.30 -0.66 0.00	68.27 -0.88 0.00	94.73 -1.22 0.00
GOUDEY___7 23579	57.95 -0.26 0.00	49.47 -0.23 0.00	36.71 -0.20 0.00	49.76 -0.36 0.00	37.78 -0.21 0.00	45.33 -0.19 0.00	41.21 -0.27 0.00	33.69 -0.20 0.00	38.06 -0.24 0.00	50.43 -0.24 0.00	64.31 -0.51 0.00	59.80 -0.39 0.00	77.30 -0.47 0.00	68.36 -0.39 0.00	60.34 -0.31 0.00	43.05 -0.19 0.00	47.83 -0.31 0.00	52.10 -0.27 0.00	47.16 -0.30 0.00	49.38 -0.28 0.00	53.08 -0.35 0.00	59.30 -0.66 0.00	68.27 -0.88 0.00	94.73 -1.22 0.00
GOUDEY___8 23580	57.95 -0.26 0.00	49.47 -0.23 0.00	36.71 -0.20 0.00	49.76 -0.36 0.00	37.78 -0.21 0.00	45.33 -0.19 0.00	41.21 -0.27 0.00	33.69 -0.20 0.00	38.06 -0.24 0.00	50.43 -0.24 0.00	64.31 -0.51 0.00	59.80 -0.39 0.00	77.30 -0.47 0.00	68.36 -0.39 0.00	60.34 -0.31 0.00	43.05 -0.19 0.00	47.83 -0.31 0.00	52.10 -0.27 0.00	47.16 -0.30 0.00	49.38 -0.28 0.00	53.08 -0.35 0.00	59.30 -0.66 0.00	68.27 -0.88 0.00	94.73 -1.22 0.00
GOWANUS_GT1_1 24077	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT1_2 24078	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT1_3 24079	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT1_4 24080	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT1_5 24084	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT1_6 24111	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT1_7 24112	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT1_8 24113	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT2_1 24114	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT2_2 24115	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT2_3 24116	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00

GOWANUS_GT2_4 24117	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT2_5 24118	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT2_6 24119	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT2_7 24120	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT2_8 24121	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT3_1 24122	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT3_2 24123	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT3_3 24124	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT3_4 24125	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT3_5 24126	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT3_6 24127	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT3_7 24128	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT3_8 24129	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT4_1 24130	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT4_2 24131	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00

GOWANUS_GT4_3 24132	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT4_4 24133	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT4_5 24134	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT4_6 24135	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT4_7 24136	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GOWANUS_GT4_8 24137	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GREENBSH_115KV_TB3 55895	60.59 2.37 0.00	51.66 1.96 0.00	38.35 1.45 0.00	52.07 1.95 0.00	39.47 1.48 0.00	47.29 1.76 0.00	43.13 1.65 0.00	35.26 1.37 0.00	39.86 1.56 0.00	52.70 2.03 0.00	67.63 2.81 0.00	62.81 2.63 0.00	81.10 3.32 0.00	71.60 2.85 0.00	63.11 2.46 0.00	44.52 1.28 0.00	49.46 1.32 0.00	53.82 1.45 0.00	48.84 1.38 0.00	51.15 1.49 0.00	54.90 1.46 0.00	61.42 1.45 0.00	70.65 1.50 0.00	98.61 2.66 0.00
GREENIDGE_115KV_TB5 80291	57.01 -1.21 0.00	48.69 -1.01 0.00	36.32 -0.59 0.00	48.90 -1.23 0.00	37.40 -0.59 0.00	44.70 -0.82 0.00	40.67 -0.81 0.00	33.40 -0.48 0.00	37.66 -0.63 0.00	49.55 -1.13 0.00	62.98 -1.84 0.00	58.53 -1.66 0.00	75.62 -2.15 0.00	66.90 -1.85 0.00	59.12 -1.52 0.00	42.38 -0.86 0.00	46.97 -1.17 0.00	51.13 -1.24 0.00	46.19 -1.27 0.00	48.34 -1.31 0.00	52.02 -1.42 0.00	58.02 -1.95 0.00	66.85 -2.31 0.00	92.53 -3.42 0.00
GREENIDGE___3 23582	57.01 -1.21 0.00	48.69 -1.01 0.00	36.32 -0.59 0.00	48.90 -1.23 0.00	37.40 -0.59 0.00	44.70 -0.82 0.00	40.67 -0.81 0.00	33.40 -0.48 0.00	37.66 -0.63 0.00	49.55 -1.13 0.00	62.98 -1.84 0.00	58.53 -1.66 0.00	75.62 -2.15 0.00	66.90 -1.85 0.00	59.12 -1.52 0.00	42.38 -0.86 0.00	46.97 -1.17 0.00	51.13 -1.24 0.00	46.19 -1.27 0.00	48.34 -1.31 0.00	52.02 -1.42 0.00	58.02 -1.95 0.00	66.85 -2.31 0.00	92.53 -3.42 0.00
GREENIDGE___4 23583	57.00 -1.22 0.00	48.69 -1.01 0.00	36.31 -0.59 0.00	48.90 -1.22 0.00	37.40 -0.59 0.00	44.70 -0.82 0.00	40.67 -0.81 0.00	33.40 -0.49 0.00	37.66 -0.64 0.00	49.55 -1.13 0.00	62.99 -1.84 0.00	58.53 -1.66 0.00	75.62 -2.15 0.00	66.90 -1.85 0.00	59.13 -1.52 0.00	42.41 -0.83 0.00	46.98 -1.16 0.00	51.14 -1.23 0.00	46.19 -1.27 0.00	48.34 -1.31 0.00	52.02 -1.42 0.00	58.02 -1.95 0.00	66.84 -2.31 0.00	92.54 -3.42 0.00
GREENLWN_69_KV_BK 3 55738	61.63 3.42 0.00	52.74 3.04 0.00	39.20 2.30 0.00	52.98 2.85 0.00	40.14 2.15 0.00	48.10 2.57 0.00	43.78 2.30 0.00	35.87 1.99 0.00	40.62 2.32 0.00	54.07 3.39 0.00	69.79 4.97 0.00	64.59 4.41 0.00	82.88 5.10 0.00	73.26 4.51 0.00	65.30 4.66 0.00	46.92 3.67 0.00	73.17 4.08 -20.95	102.32 4.78 -45.17	103.23 4.58 -51.20	111.15 4.79 -56.71	102.51 4.94 -44.13	64.86 4.88 -0.01	76.91 5.17 -2.59	102.68 6.73 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00
GRISSOM___SOLAR 323813	61.68 3.46 0.00	52.61 2.91 0.00	39.05 2.15 0.00	53.04 2.91 0.00	40.24 2.25 0.00	48.25 2.72 0.00	44.02 2.54 0.00	36.01 2.13 0.00	40.75 2.45 0.00	53.85 3.18 0.00	68.70 3.88 0.00	63.50 3.32 0.00	82.24 4.46 0.00	72.76 4.01 0.00	63.95 3.31 0.00	45.85 2.60 0.00	51.37 3.23 0.00	55.98 3.61 0.00	50.72 3.26 0.00	53.04 3.38 0.00	57.06 3.62 0.00	63.91 3.94 0.00	73.56 4.40 0.00	101.81 5.86 0.00
GROVEVILLE___HYD 323602	61.76 3.55 0.00	52.74 3.04 0.00	39.16 2.25 0.00	53.04 2.91 0.00	40.22 2.24 0.00	48.25 2.73 0.00	44.08 2.60 0.00	36.06 2.17 0.00	40.82 2.52 0.00	54.08 3.40 0.00	69.24 4.41 0.00	64.21 4.02 0.00	82.74 4.96 0.00	73.14 4.39 0.00	64.72 4.07 0.00	46.40 3.16 0.00	51.72 3.59 0.00	56.52 4.15 0.00	51.35 3.90 0.00	53.70 4.05 0.00	57.67 4.24 0.00	64.26 4.30 0.00	73.64 4.48 0.00	101.79 5.84 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	57.26 -0.96 0.00	48.89 -0.82 0.00	36.30 -0.60 0.00	49.23 -0.89 0.00	37.38 -0.61 0.00	44.82 -0.70 0.00	40.83 -0.65 0.00	33.38 -0.50 0.00	37.71 -0.59 0.00	49.90 -0.78 0.00	63.74 -1.08 0.00	59.20 -0.99 0.00	76.50 -1.28 0.00	67.60 -1.15 0.00	59.67 -0.97 0.00	42.62 -0.63 0.00	47.43 -0.71 0.00	51.62 -0.75 0.00	46.73 -0.73 0.00	48.89 -0.77 0.00	52.60 -0.84 0.00	58.83 -1.13 0.00	67.74 -1.41 0.00	93.93 -2.02 0.00

HAMLTNNY_34_KV_TB 80303	57.25 -0.97 0.00	48.85 -0.86 0.00	36.28 -0.62 0.00	49.19 -0.93 0.00	37.36 -0.62 0.00	44.80 -0.72 0.00	40.79 -0.69 0.00	33.36 -0.53 0.00	37.70 -0.60 0.00	49.87 -0.81 0.00	63.64 -1.18 0.00	59.13 -1.06 0.00	76.41 -1.37 0.00	67.52 -1.23 0.00	59.58 -1.06 0.00	42.56 -0.68 0.00	47.38 -0.76 0.00	51.56 -0.81 0.00	46.67 -0.78 0.00	48.83 -0.83 0.00	52.52 -0.91 0.00	58.72 -1.25 0.00	67.63 -1.53 0.00	93.76 -2.19 0.00
HAMPSHIRE___PAPER_HYD 323593	58.48 0.26 0.00	49.86 0.16 0.00	36.96 0.05 0.00	50.26 0.13 0.00	38.06 0.07 0.00	45.55 0.03 0.00	41.41 -0.07 0.00	33.84 -0.04 0.00	38.33 0.04 0.00	50.67 0.00 0.00	64.80 -0.02 0.00	60.23 0.04 0.00	77.61 -0.16 0.00	68.45 -0.30 0.00	60.28 -0.36 0.00	43.06 -0.18 0.00	48.07 -0.07 0.00	52.23 -0.14 0.00	47.31 -0.15 0.00	49.50 -0.16 0.00	53.25 -0.18 0.00	60.05 0.08 0.00	69.56 0.41 0.00	96.78 0.83 0.00
HARDSCRABBLE_WT_PWR 323673	59.99 1.78 0.00	51.07 1.37 0.00	37.83 0.93 0.00	51.35 1.22 0.00	38.94 0.95 0.00	46.69 1.16 0.00	42.63 1.15 0.00	34.97 1.08 0.00	39.66 1.36 0.00	52.55 1.88 0.00	67.29 2.47 0.00	62.36 2.17 0.00	80.57 2.80 0.00	71.21 2.46 0.00	62.79 2.14 0.00	44.57 1.33 0.00	49.73 1.59 0.00	54.31 1.94 0.00	49.24 1.79 0.00	51.62 1.96 0.00	55.38 1.95 0.00	61.82 1.86 0.00	70.78 1.63 0.00	98.20 2.25 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	60.80 2.59 0.00	51.95 2.25 0.00	38.58 1.68 0.00	52.24 2.11 0.00	39.63 1.64 0.00	47.53 2.01 0.00	43.41 1.94 0.00	35.50 1.61 0.00	40.16 1.86 0.00	53.20 2.53 0.00	68.13 3.31 0.00	63.20 3.01 0.00	81.45 3.68 0.00	71.99 3.23 0.00	63.70 3.05 0.00	45.66 2.42 0.00	50.86 2.73 0.00	55.62 3.25 0.00	50.55 3.10 0.00	52.86 3.20 0.00	56.76 3.33 0.00	63.23 3.27 0.00	72.50 3.34 0.00	100.19 4.24 0.00
HARSNRAD_115KV_TB1 81005	53.50 -4.72 0.00	45.99 -3.71 0.00	34.10 -2.80 0.00	46.10 -4.03 0.00	35.18 -2.81 0.00	42.13 -3.40 0.00	38.00 -3.48 0.00	30.47 -3.42 0.00	34.35 -3.95 0.00	45.28 -5.39 0.00	57.24 -7.59 0.00	53.24 -6.95 0.00	68.85 -8.93 0.00	60.89 -7.86 0.00	53.88 -6.77 0.00	38.86 -4.38 0.00	42.78 -5.36 0.00	46.16 -6.21 0.00	41.39 -6.07 0.00	43.27 -6.38 0.00	47.19 -6.25 0.00	52.46 -7.51 0.00	61.11 -8.05 0.00	85.31 -10.64 0.00
HARZA MOOSE___RIVER 24016	59.84 1.63 0.00	50.97 1.27 0.00	37.79 0.88 0.00	51.33 1.20 0.00	38.94 0.95 0.00	46.72 1.20 0.00	42.58 1.11 0.00	34.85 0.97 0.00	39.49 1.19 0.00	52.20 1.53 0.00	66.62 1.80 0.00	61.77 1.59 0.00	79.57 1.80 0.00	70.19 1.44 0.00	61.88 1.24 0.00	44.23 0.99 0.00	49.51 1.38 0.00	53.94 1.57 0.00	48.87 1.42 0.00	51.14 1.48 0.00	54.99 1.56 0.00	61.65 1.69 0.00	70.97 1.82 0.00	98.38 2.42 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	56.86 -1.36 0.00	48.54 -1.16 0.00	36.04 -0.86 0.00	48.88 -1.25 0.00	37.11 -0.87 0.00	44.50 -1.02 0.00	40.51 -0.97 0.00	33.11 -0.77 0.00	37.40 -0.90 0.00	49.50 -1.17 0.00	63.24 -1.58 0.00	58.72 -1.47 0.00	75.87 -1.91 0.00	67.05 -1.70 0.00	59.20 -1.45 0.00	42.28 -0.97 0.00	47.05 -1.09 0.00	51.20 -1.16 0.00	46.35 -1.11 0.00	48.48 -1.17 0.00	52.18 -1.26 0.00	58.35 -1.62 0.00	67.20 -1.96 0.00	93.20 -2.75 0.00
HELLGATE_13_KV_LD 55870	60.93 2.72 0.00	52.13 2.43 0.00	38.76 1.86 0.00	52.46 2.33 0.00	39.79 1.80 0.00	47.71 2.19 0.00	43.68 2.20 0.00	35.64 1.75 0.00	40.34 2.05 0.00	53.44 2.77 0.00	68.61 3.79 0.00	63.66 3.47 0.00	82.01 4.24 0.00	72.55 3.80 0.00	64.22 3.57 0.00	46.13 2.88 0.00	51.29 3.15 0.00	55.96 3.60 0.00	50.91 3.45 0.00	53.26 3.60 0.00	57.13 3.70 0.00	63.51 3.54 0.00	72.71 3.56 0.00	100.58 4.63 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	60.93 2.72 0.00	52.13 2.43 0.00	38.76 1.86 0.00	52.46 2.33 0.00	39.79 1.80 0.00	47.71 2.19 0.00	43.68 2.20 0.00	35.64 1.75 0.00	40.34 2.05 0.00	53.44 2.77 0.00	68.61 3.79 0.00	63.66 3.47 0.00	82.01 4.24 0.00	72.55 3.80 0.00	64.22 3.57 0.00	46.13 2.88 0.00	51.29 3.15 0.00	55.96 3.60 0.00	50.91 3.45 0.00	53.26 3.60 0.00	57.13 3.70 0.00	63.51 3.54 0.00	72.71 3.56 0.00	100.58 4.63 0.00
HEMPSTEAD____ 23647	61.43 3.22 0.00	52.56 2.86 0.00	39.10 2.20 0.00	52.86 2.73 0.00	40.06 2.08 0.00	48.04 2.52 0.00	43.81 2.33 0.00	35.87 1.98 0.00	40.62 2.32 0.00	53.95 3.27 0.00	69.22 4.39 0.00	64.10 3.92 0.00	82.41 4.64 0.00	72.87 4.12 0.00	64.77 4.13 0.00	46.52 3.28 0.00	79.53 3.61 -27.78	117.84 4.19 -61.28	122.79 4.05 -71.29	132.88 4.26 -78.96	119.30 4.42 -61.45	64.36 4.38 -0.01	77.34 4.58 -3.60	101.78 5.83 0.00
HEWLETT_69_KV_BK3 55828	62.08 3.87 0.00	53.07 3.36 0.00	39.42 2.52 0.00	53.28 3.15 0.00	40.39 2.40 0.00	48.45 2.93 0.00	44.18 2.70 0.00	36.16 2.28 0.00	40.97 2.67 0.00	54.42 3.75 0.00	69.92 5.10 0.00	64.75 4.56 0.00	83.27 5.49 0.00	73.62 4.87 0.00	65.43 4.79 0.00	47.00 3.75 0.00	80.97 4.11 -28.72	121.21 4.77 -64.07	127.49 4.57 -75.46	138.07 4.82 -83.59	123.52 5.03 -65.05	65.03 5.05 -0.01	78.32 5.35 -3.81	102.85 6.89 0.00
HICKLING___1 23621	57.22 -0.99 0.00	48.86 -0.85 0.00	36.27 -0.64 0.00	49.05 -1.07 0.00	37.31 -0.68 0.00	44.82 -0.70 0.00	40.65 -0.83 0.00	33.22 -0.66 0.00	37.49 -0.81 0.00	49.65 -1.03 0.00	63.05 -1.78 0.00	58.63 -1.56 0.00	75.77 -2.01 0.00	67.06 -1.69 0.00	59.27 -1.37 0.00	42.38 -0.86 0.00	46.96 -1.18 0.00	51.14 -1.23 0.00	46.23 -1.23 0.00	48.42 -1.24 0.00	52.02 -1.41 0.00	58.09 -1.88 0.00	66.93 -2.23 0.00	92.88 -3.07 0.00
HICKLING___2 23622	57.22 -0.99 0.00	48.86 -0.85 0.00	36.27 -0.64 0.00	49.05 -1.07 0.00	37.31 -0.68 0.00	44.82 -0.70 0.00	40.65 -0.83 0.00	33.22 -0.66 0.00	37.49 -0.81 0.00	49.65 -1.03 0.00	63.05 -1.78 0.00	58.63 -1.56 0.00	75.77 -2.01 0.00	67.06 -1.69 0.00	59.27 -1.37 0.00	42.38 -0.86 0.00	46.96 -1.18 0.00	51.14 -1.23 0.00	46.23 -1.23 0.00	48.42 -1.24 0.00	52.02 -1.41 0.00	58.09 -1.88 0.00	66.93 -2.23 0.00	92.88 -3.07 0.00
HIGH FALLS___HY 23754	62.17 3.96 0.00	53.11 3.40 0.00	39.43 2.52 0.00	53.38 3.25 0.00	40.47 2.48 0.00	48.60 3.08 0.00	44.42 2.94 0.00	36.36 2.47 0.00	41.21 2.91 0.00	54.58 3.90 0.00	69.59 4.77 0.00	64.36 4.18 0.00	82.74 4.96 0.00	73.06 4.31 0.00	64.78 4.13 0.00	46.77 3.53 0.00	52.37 4.23 0.00	57.35 4.98 0.00	52.10 4.64 0.00	54.46 4.80 0.00	58.52 5.08 0.00	65.16 5.19 0.00	74.61 5.46 0.00	102.90 6.94 0.00
HIGH_RIVER___SOLAR 323847	60.77 2.55 0.00	51.81 2.10 0.00	38.48 1.58 0.00	52.27 2.14 0.00	39.62 1.63 0.00	47.49 1.97 0.00	43.31 1.83 0.00	35.41 1.53 0.00	40.07 1.77 0.00	53.01 2.34 0.00	67.83 3.00 0.00	62.94 2.75 0.00	81.29 3.51 0.00	71.89 3.13 0.00	63.40 2.76 0.00	45.23 1.99 0.00	50.48 2.34 0.00	54.99 2.62 0.00	49.83 2.37 0.00	52.14 2.48 0.00	56.05 2.61 0.00	62.75 2.79 0.00	72.21 3.05 0.00	100.04 4.09 0.00

HILLBURN___GT 23639	60.48 2.27 0.00	51.70 2.00 0.00	38.40 1.50 0.00	52.00 1.87 0.00	39.44 1.45 0.00	47.32 1.80 0.00	43.21 1.74 0.00	35.33 1.44 0.00	39.96 1.66 0.00	52.91 2.23 0.00	67.80 2.98 0.00	62.88 2.70 0.00	81.04 3.26 0.00	71.66 2.91 0.00	63.41 2.77 0.00	45.46 2.22 0.00	50.60 2.46 0.00	55.35 2.98 0.00	50.34 2.89 0.00	52.64 2.98 0.00	56.53 3.09 0.00	62.93 2.96 0.00	72.15 3.00 0.00	99.67 3.72 0.00
HILLSIDE_115KV_TB1 80332	56.63 -1.58 0.00	48.34 -1.37 0.00	35.88 -1.03 0.00	48.56 -1.57 0.00	36.91 -1.08 0.00	44.34 -1.18 0.00	40.22 -1.26 0.00	32.92 -0.97 0.00	37.14 -1.15 0.00	49.23 -1.44 0.00	62.52 -2.31 0.00	58.16 -2.03 0.00	75.15 -2.63 0.00	66.50 -2.25 0.00	58.75 -1.90 0.00	41.94 -1.30 0.00	46.48 -1.66 0.00	50.67 -1.70 0.00	45.84 -1.61 0.00	48.06 -1.60 0.00	51.58 -1.86 0.00	57.60 -2.37 0.00	66.30 -2.85 0.00	92.03 -3.92 0.00
HISHELDN_WT_PWR 323625	55.20 -3.02 0.00	47.37 -2.33 0.00	35.11 -1.79 0.00	47.50 -2.63 0.00	36.21 -1.78 0.00	43.39 -2.14 0.00	39.21 -2.27 0.00	31.59 -2.29 0.00	35.64 -2.66 0.00	47.04 -3.64 0.00	59.56 -5.26 0.00	55.42 -4.77 0.00	71.62 -6.16 0.00	63.35 -5.40 0.00	56.11 -4.54 0.00	40.38 -2.86 0.00	44.57 -3.57 0.00	48.26 -4.11 0.00	43.37 -4.08 0.00	45.36 -4.30 0.00	49.22 -4.22 0.00	54.78 -5.18 0.00	63.62 -5.53 0.00	88.65 -7.30 0.00
HOLTSVILLE_IC_1 23690	62.56 4.35 0.00	53.49 3.78 0.00	39.81 2.91 0.00	53.76 3.64 0.00	40.69 2.70 0.00	48.79 3.27 0.00	44.37 2.89 0.00	36.38 2.50 0.00	41.21 2.92 0.00	54.78 4.10 0.00	70.64 5.81 0.00	65.30 5.11 0.00	83.79 6.01 0.00	74.03 5.28 0.00	66.11 5.47 0.00	47.60 4.36 0.00	73.61 4.88 -20.59	102.42 5.73 -44.32	103.01 5.42 -50.13	110.85 5.66 -55.53	102.54 5.89 -43.21	65.97 5.99 -0.01	78.12 6.43 -2.53	104.25 8.29 0.00
HOLTSVILLE_IC_10 23699	62.93 4.72 0.00	53.77 4.07 0.00	40.03 3.12 0.00	54.04 3.92 0.00	40.88 2.90 0.00	49.04 3.52 0.00	44.61 3.13 0.00	36.57 2.69 0.00	41.44 3.15 0.00	55.07 4.40 0.00	71.00 6.17 0.00	65.61 5.42 0.00	84.20 6.43 0.00	74.39 5.63 0.00	66.46 5.81 0.00	47.89 4.64 0.00	74.08 5.25 -20.70	103.08 6.14 -44.57	103.69 5.79 -50.44	111.58 6.05 -55.87	103.22 6.30 -43.48	66.42 6.45 -0.01	78.65 6.95 -2.55	104.91 8.95 0.00
HOLTSVILLE_IC_2 23691	62.56 4.35 0.00	53.49 3.78 0.00	39.81 2.91 0.00	53.76 3.64 0.00	40.69 2.70 0.00	48.79 3.27 0.00	44.37 2.89 0.00	36.38 2.50 0.00	41.21 2.92 0.00	54.78 4.10 0.00	70.64 5.81 0.00	65.30 5.11 0.00	83.79 6.01 0.00	74.03 5.28 0.00	66.11 5.47 0.00	47.60 4.36 0.00	73.61 4.88 -20.59	102.42 5.73 -44.32	103.01 5.42 -50.13	110.85 5.66 -55.53	102.54 5.89 -43.21	65.97 5.99 -0.01	78.12 6.43 -2.53	104.25 8.29 0.00
HOLTSVILLE_IC_3 23692	62.56 4.35 0.00	53.49 3.78 0.00	39.81 2.91 0.00	53.76 3.64 0.00	40.69 2.70 0.00	48.79 3.27 0.00	44.37 2.89 0.00	36.38 2.50 0.00	41.21 2.92 0.00	54.78 4.10 0.00	70.64 5.81 0.00	65.30 5.11 0.00	83.79 6.01 0.00	74.03 5.28 0.00	66.11 5.47 0.00	47.60 4.36 0.00	73.61 4.88 -20.59	102.42 5.73 -44.32	103.01 5.42 -50.13	110.85 5.66 -55.53	102.54 5.89 -43.21	65.97 5.99 -0.01	78.12 6.43 -2.53	104.25 8.29 0.00
HOLTSVILLE_IC_4 23693	62.56 4.35 0.00	53.49 3.78 0.00	39.81 2.91 0.00	53.76 3.64 0.00	40.69 2.70 0.00	48.79 3.27 0.00	44.37 2.89 0.00	36.38 2.50 0.00	41.21 2.92 0.00	54.78 4.10 0.00	70.64 5.81 0.00	65.30 5.11 0.00	83.79 6.01 0.00	74.03 5.28 0.00	66.11 5.47 0.00	47.60 4.36 0.00	73.61 4.88 -20.59	102.42 5.73 -44.32	103.01 5.42 -50.13	110.85 5.66 -55.53	102.54 5.89 -43.21	65.97 5.99 -0.01	78.12 6.43 -2.53	104.25 8.29 0.00
HOLTSVILLE_IC_5 23694	62.56 4.35 0.00	53.49 3.78 0.00	39.81 2.91 0.00	53.76 3.64 0.00	40.69 2.70 0.00	48.79 3.27 0.00	44.37 2.89 0.00	36.38 2.50 0.00	41.21 2.92 0.00	54.78 4.10 0.00	70.64 5.81 0.00	65.30 5.11 0.00	83.79 6.01 0.00	74.03 5.28 0.00	66.11 5.47 0.00	47.60 4.36 0.00	73.61 4.88 -20.59	102.42 5.73 -44.32	103.01 5.42 -50.13	110.85 5.66 -55.53	102.54 5.89 -43.21	65.97 5.99 -0.01	78.12 6.43 -2.53	104.25 8.29 0.00
HOLTSVILLE_IC_6 23695	62.93 4.72 0.00	53.77 4.07 0.00	40.03 3.12 0.00	54.04 3.92 0.00	40.88 2.90 0.00	49.04 3.52 0.00	44.61 3.13 0.00	36.57 2.69 0.00	41.44 3.15 0.00	55.07 4.40 0.00	71.00 6.17 0.00	65.61 5.42 0.00	84.20 6.43 0.00	74.39 5.63 0.00	66.46 5.81 0.00	47.89 4.64 0.00	74.08 5.25 -20.70	103.08 6.14 -44.57	103.69 5.79 -50.44	111.58 6.05 -55.87	103.22 6.30 -43.48	66.42 6.45 -0.01	78.65 6.95 -2.55	104.91 8.95 0.00
HOLTSVILLE_IC_7 23696	62.93 4.72 0.00	53.77 4.07 0.00	40.03 3.12 0.00	54.04 3.92 0.00	40.88 2.90 0.00	49.04 3.52 0.00	44.61 3.13 0.00	36.57 2.69 0.00	41.44 3.15 0.00	55.07 4.40 0.00	71.00 6.17 0.00	65.61 5.42 0.00	84.20 6.43 0.00	74.39 5.63 0.00	66.46 5.81 0.00	47.89 4.64 0.00	74.08 5.25 -20.70	103.08 6.14 -44.57	103.69 5.79 -50.44	111.58 6.05 -55.87	103.22 6.30 -43.48	66.42 6.45 -0.01	78.65 6.95 -2.55	104.91 8.95 0.00
HOLTSVILLE_IC_8 23697	62.93 4.72 0.00	53.77 4.07 0.00	40.03 3.12 0.00	54.04 3.92 0.00	40.88 2.90 0.00	49.04 3.52 0.00	44.61 3.13 0.00	36.57 2.69 0.00	41.44 3.15 0.00	55.07 4.40 0.00	71.00 6.17 0.00	65.61 5.42 0.00	84.20 6.43 0.00	74.39 5.63 0.00	66.46 5.81 0.00	47.89 4.64 0.00	74.08 5.25 -20.70	103.08 6.14 -44.57	103.69 5.79 -50.44	111.58 6.05 -55.87	103.22 6.30 -43.48	66.42 6.45 -0.01	78.65 6.95 -2.55	104.91 8.95 0.00
HOLTSVILLE_IC_9 23698	62.93 4.72 0.00	53.77 4.07 0.00	40.03 3.12 0.00	54.04 3.92 0.00	40.88 2.90 0.00	49.04 3.52 0.00	44.61 3.13 0.00	36.57 2.69 0.00	41.44 3.15 0.00	55.07 4.40 0.00	71.00 6.17 0.00	65.61 5.42 0.00	84.20 6.43 0.00	74.39 5.63 0.00	66.46 5.81 0.00	47.89 4.64 0.00	74.08 5.25 -20.70	103.08 6.14 -44.57	103.69 5.79 -50.44	111.58 6.05 -55.87	103.22 6.30 -43.48	66.42 6.45 -0.01	78.65 6.95 -2.55	104.91 8.95 0.00
HOMER_HL_115KV_TB2 355744	56.92 -1.30 0.00	48.75 -0.95 0.00	36.11 -0.79 0.00	48.90 -1.22 0.00	37.24 -0.75 0.00	44.70 -0.83 0.00	40.32 -1.16 0.00	32.33 -1.55 0.00	36.47 -1.83 0.00	48.36 -2.31 0.00	61.58 -3.24 0.00	57.51 -2.68 0.00	74.30 -3.48 0.00	65.72 -3.04 0.00	58.15 -2.50 0.00	41.89 -1.36 0.00	46.00 -2.14 0.00	49.63 -2.74 0.00	44.79 -2.67 0.00	46.86 -2.79 0.00	50.74 -2.70 0.00	56.39 -3.58 0.00	65.49 -3.67 0.00	91.25 -4.70 0.00
HOWARD_WT_PWR 323690	57.40 -0.82 0.00	49.08 -0.62 0.00	36.42 -0.48 0.00	49.21 -0.91 0.00	37.51 -0.47 0.00	45.00 -0.53 0.00	40.79 -0.70 0.00	33.22 -0.66 0.00	37.53 -0.77 0.00	49.62 -1.06 0.00	62.86 -1.97 0.00	58.42 -1.77 0.00	75.45 -2.33 0.00	66.77 -1.98 0.00	59.11 -1.54 0.00	42.42 -0.83 0.00	46.94 -1.20 0.00	51.11 -1.26 0.00	46.08 -1.37 0.00	48.22 -1.44 0.00	52.02 -1.41 0.00	57.94 -2.02 0.00	66.95 -2.21 0.00	92.86 -3.10 0.00

HQ_GEN_CEDARS 23644	58.56 0.34 0.00	50.08 0.38 0.00	37.15 0.25 0.00	50.53 0.40 0.00	38.24 0.25 0.00	45.82 0.29 0.00	41.67 0.19 0.00	33.96 0.07 0.00	38.36 0.06 0.00	50.73 0.05 0.00	64.84 0.02 0.00	60.19 0.00 0.00	77.85 0.07 0.00	68.82 0.07 0.00	60.64 -0.01 0.00	43.26 0.01 0.00	48.15 0.01 0.00	52.16 -0.21 0.00	47.23 -0.22 0.00	49.38 -0.27 0.00	53.18 -0.25 0.00	60.24 0.28 0.00	70.05 0.89 0.00	97.56 1.61 0.00
HQ_GEN_CEDARS_PROXY 323590	58.56 0.34 0.00	50.08 0.38 0.00	37.15 0.25 0.00	50.53 0.40 0.00	38.24 0.26 0.00	45.82 0.30 0.00	41.67 0.19 0.00	33.96 0.07 0.00	38.36 0.06 0.00	50.73 0.05 0.00	64.84 0.02 0.00	60.19 0.00 0.00	77.85 0.07 0.00	68.82 0.07 0.00	60.64 -0.01 0.00	43.26 0.01 0.00	48.15 0.01 0.00	52.16 -0.21 0.00	47.24 -0.22 0.00	49.38 -0.27 0.00	53.19 -0.24 0.00	60.24 0.28 0.00	70.05 0.89 0.00	97.56 1.61 0.00
HQ_GEN_IMPORT 323601	58.11 -0.11 0.00	49.66 -0.05 0.00	36.87 -0.03 0.00	50.17 0.04 0.00	37.95 -0.03 0.00	45.49 -0.04 0.00	41.43 -0.05 0.00	33.79 -0.09 0.00	38.18 -0.12 0.00	50.49 -0.19 0.00	64.53 -0.30 0.00	59.88 -0.31 0.00	77.40 -0.38 0.00	68.47 -0.28 0.00	60.34 -0.30 0.00	43.05 -0.19 0.00	47.95 -0.19 0.00	52.41 -0.31 -0.36	47.14 -0.31 0.00	49.30 -0.36 0.00	53.14 -0.29 0.00	60.03 0.06 0.00	69.54 0.38 0.00	96.58 0.63 0.00
HQ_GEN_WHEEL 23651	58.11 -0.11 0.00	49.66 -0.05 0.00	36.87 -0.03 0.00	50.17 0.04 0.00	37.95 -0.03 0.00	45.49 -0.04 0.00	41.43 -0.05 0.00	33.79 -0.09 0.00	38.18 -0.12 0.00	50.49 -0.19 0.00	64.53 -0.30 0.00	59.88 -0.31 0.00	77.40 -0.38 0.00	68.47 -0.28 0.00	60.34 -0.30 0.00	43.05 -0.19 0.00	47.95 -0.19 0.00	52.41 -0.31 -0.36	47.14 -0.31 0.00	49.30 -0.36 0.00	53.14 -0.29 0.00	60.03 0.06 0.00	69.54 0.38 0.00	96.58 0.63 0.00
HUDSON AVE_GT_3 23810	61.07 2.85 0.00	52.20 2.50 0.00	38.80 1.89 0.00	52.48 2.36 0.00	39.81 1.82 0.00	47.75 2.23 0.00	43.69 2.21 0.00	35.68 1.80 0.00	40.40 2.10 0.00	53.51 2.84 0.00	68.55 3.72 0.00	63.63 3.44 0.00	82.00 4.22 0.00	72.55 3.80 0.00	64.21 3.56 0.00	46.16 2.92 0.00	51.35 3.21 0.00	56.06 3.69 0.00	51.01 3.55 0.00	53.31 3.66 0.00	57.19 3.75 0.00	63.57 3.61 0.00	72.79 3.63 0.00	100.57 4.62 0.00
HUDSON AVE_GT_4 23540	61.07 2.85 0.00	52.20 2.50 0.00	38.80 1.89 0.00	52.48 2.36 0.00	39.81 1.82 0.00	47.75 2.23 0.00	43.69 2.21 0.00	35.68 1.80 0.00	40.40 2.10 0.00	53.51 2.84 0.00	68.55 3.72 0.00	63.63 3.44 0.00	82.00 4.22 0.00	72.55 3.80 0.00	64.21 3.56 0.00	46.16 2.92 0.00	51.35 3.21 0.00	56.06 3.69 0.00	51.01 3.55 0.00	53.31 3.66 0.00	57.19 3.75 0.00	63.57 3.61 0.00	72.79 3.63 0.00	100.57 4.62 0.00
HUDSON AVE_GT_5 23657	61.07 2.85 0.00	52.20 2.50 0.00	38.80 1.89 0.00	52.48 2.36 0.00	39.81 1.82 0.00	47.75 2.23 0.00	43.69 2.21 0.00	35.68 1.80 0.00	40.40 2.10 0.00	53.51 2.84 0.00	68.55 3.72 0.00	63.63 3.44 0.00	82.00 4.22 0.00	72.55 3.80 0.00	64.21 3.56 0.00	46.16 2.92 0.00	51.35 3.21 0.00	56.06 3.69 0.00	51.01 3.55 0.00	53.31 3.66 0.00	57.19 3.75 0.00	63.57 3.61 0.00	72.79 3.63 0.00	100.57 4.62 0.00
HUDSON_AVE_10 24168	60.75 2.54 0.00	51.93 2.22 0.00	38.58 1.68 0.00	52.21 2.09 0.00	39.60 1.62 0.00	47.51 1.99 0.00	43.47 1.99 0.00	35.50 1.61 0.00	40.18 1.88 0.00	53.23 2.56 0.00	68.21 3.39 0.00	63.30 3.12 0.00	81.60 3.83 0.00	72.22 3.47 0.00	63.89 3.25 0.00	45.93 2.69 0.00	51.22 2.98 -0.10	55.90 3.41 -0.12	50.74 3.29 0.00	53.06 3.40 0.00	56.89 3.46 0.00	63.26 3.29 0.00	72.39 3.23 0.00	100.05 4.09 0.00
HUDSON___115KV_TB 4 355613	62.18 3.97 0.00	53.00 3.30 0.00	39.31 2.41 0.00	53.38 3.26 0.00	40.46 2.48 0.00	48.55 3.02 0.00	44.29 2.82 0.00	36.28 2.40 0.00	41.01 2.72 0.00	54.07 3.39 0.00	69.29 4.47 0.00	64.34 4.15 0.00	82.74 4.96 0.00	72.89 4.14 0.00	64.21 3.57 0.00	45.58 2.34 0.00	50.95 2.81 0.00	55.54 3.17 0.00	50.36 2.90 0.00	52.73 3.07 0.00	56.57 3.13 0.00	63.25 3.29 0.00	72.70 3.55 0.00	101.28 5.33 0.00
HUNTER MOUNT___DRP 323613	62.72 4.50 0.00	53.40 3.70 0.00	39.61 2.70 0.00	53.80 3.67 0.00	40.77 2.78 0.00	48.93 3.40 0.00	44.64 3.16 0.00	36.58 2.70 0.00	41.42 3.12 0.00	54.65 3.98 0.00	70.02 5.19 0.00	65.00 4.81 0.00	83.55 5.78 0.00	73.55 4.79 0.00	64.80 4.15 0.00	46.02 2.78 0.00	51.50 3.36 0.00	56.14 3.77 0.00	50.89 3.43 0.00	53.28 3.62 0.00	57.15 3.71 0.00	63.91 3.95 0.00	73.46 4.31 0.00	102.31 6.36 0.00
HUNTINGTON_RES_REC 323705	62.19 3.98 0.00	53.20 3.49 0.00	39.55 2.65 0.00	53.42 3.30 0.00	40.45 2.46 0.00	48.48 2.96 0.00	44.11 2.63 0.00	36.16 2.28 0.00	40.96 2.66 0.00	54.49 3.82 0.00	70.33 5.50 0.00	65.02 4.83 0.00	83.41 5.64 0.00	73.72 4.97 0.00	65.81 5.17 0.00	47.37 4.12 0.00	73.52 4.63 -20.76	102.51 5.43 -44.71	103.24 5.17 -50.62	111.12 5.39 -56.07	102.66 5.59 -43.63	65.59 5.61 -0.01	77.71 6.00 -2.56	103.70 7.75 0.00
HUNTLEY___63 23557	54.23 -3.98 0.00	46.61 -3.09 0.00	34.55 -2.35 0.00	46.72 -3.41 0.00	35.63 -2.36 0.00	42.68 -2.84 0.00	38.53 -2.95 0.00	30.90 -2.99 0.00	34.83 -3.47 0.00	45.94 -4.73 0.00	58.13 -6.69 0.00	54.09 -6.10 0.00	69.95 -7.83 0.00	61.85 -6.90 0.00	54.73 -5.91 0.00	39.47 -3.77 0.00	43.47 -4.67 0.00	46.95 -5.42 0.00	42.09 -5.36 0.00	44.01 -5.65 0.00	47.94 -5.49 0.00	53.30 -6.66 0.00	62.08 -7.07 0.00	86.62 -9.33 0.00
HUNTLEY___64 23558	54.23 -3.98 0.00	46.61 -3.09 0.00	34.55 -2.35 0.00	46.72 -3.41 0.00	35.63 -2.36 0.00	42.68 -2.84 0.00	38.53 -2.95 0.00	30.90 -2.99 0.00	34.83 -3.47 0.00	45.94 -4.73 0.00	58.13 -6.69 0.00	54.09 -6.10 0.00	69.95 -7.83 0.00	61.85 -6.90 0.00	54.73 -5.91 0.00	39.47 -3.77 0.00	43.47 -4.67 0.00	46.95 -5.42 0.00	42.09 -5.36 0.00	44.01 -5.65 0.00	47.94 -5.49 0.00	53.30 -6.66 0.00	62.08 -7.07 0.00	86.62 -9.33 0.00
HUNTLEY___65 23559	54.23 -3.98 0.00	46.61 -3.09 0.00	34.55 -2.35 0.00	46.72 -3.41 0.00	35.63 -2.36 0.00	42.68 -2.84 0.00	38.53 -2.95 0.00	30.90 -2.99 0.00	34.83 -3.47 0.00	45.94 -4.73 0.00	58.13 -6.69 0.00	54.09 -6.10 0.00	69.95 -7.83 0.00	61.85 -6.90 0.00	54.73 -5.91 0.00	39.47 -3.77 0.00	43.47 -4.67 0.00	46.95 -5.42 0.00	42.09 -5.36 0.00	44.01 -5.65 0.00	47.94 -5.49 0.00	53.30 -6.66 0.00	62.08 -7.07 0.00	86.62 -9.33 0.00
HUNTLEY___66 23560	54.23 -3.98 0.00	46.61 -3.09 0.00	34.55 -2.35 0.00	46.72 -3.41 0.00	35.63 -2.36 0.00	42.68 -2.84 0.00	38.53 -2.95 0.00	30.90 -2.99 0.00	34.83 -3.47 0.00	45.94 -4.73 0.00	58.13 -6.69 0.00	54.09 -6.10 0.00	69.95 -7.83 0.00	61.85 -6.90 0.00	54.73 -5.91 0.00	39.47 -3.77 0.00	43.47 -4.67 0.00	46.95 -5.42 0.00	42.09 -5.36 0.00	44.01 -5.65 0.00	47.94 -5.49 0.00	53.30 -6.66 0.00	62.08 -7.07 0.00	86.62 -9.33 0.00

HUNTLEY___67 23561	54.14 -4.07 0.00	46.54 -3.16 0.00	34.49 -2.41 0.00	46.64 -3.48 0.00	35.57 -2.41 0.00	42.61 -2.91 0.00	38.47 -3.01 0.00	30.86 -3.03 0.00	34.78 -3.52 0.00	45.88 -4.79 0.00	58.08 -6.75 0.00	54.06 -6.13 0.00	69.90 -7.88 0.00	61.83 -6.92 0.00	54.72 -5.92 0.00	39.43 -3.81 0.00	43.45 -4.69 0.00	46.92 -5.45 0.00	42.09 -5.36 0.00	44.01 -5.65 0.00	47.90 -5.53 0.00	53.28 -6.69 0.00	62.11 -7.04 0.00	86.79 -9.16 0.00
HUNTLEY___68 23562	54.14 -4.07 0.00	46.54 -3.16 0.00	34.49 -2.41 0.00	46.64 -3.48 0.00	35.57 -2.41 0.00	42.61 -2.91 0.00	38.47 -3.01 0.00	30.86 -3.03 0.00	34.78 -3.52 0.00	45.88 -4.79 0.00	58.08 -6.75 0.00	54.06 -6.13 0.00	69.90 -7.88 0.00	61.83 -6.92 0.00	54.72 -5.92 0.00	39.43 -3.81 0.00	43.45 -4.69 0.00	46.92 -5.45 0.00	42.09 -5.36 0.00	44.01 -5.65 0.00	47.90 -5.53 0.00	53.28 -6.69 0.00	62.11 -7.04 0.00	86.79 -9.16 0.00
HYLAND___LFGE 323620	56.97 -1.24 0.00	48.67 -1.03 0.00	36.08 -0.83 0.00	48.84 -1.28 0.00	37.21 -0.78 0.00	44.65 -0.87 0.00	40.58 -0.90 0.00	32.96 -0.92 0.00	37.30 -0.99 0.00	49.30 -1.38 0.00	62.46 -2.36 0.00	57.96 -2.22 0.00	74.80 -2.97 0.00	66.05 -2.70 0.00	58.52 -2.12 0.00	42.19 -1.06 0.00	46.80 -1.34 0.00	50.91 -1.46 0.00	45.84 -1.62 0.00	47.92 -1.74 0.00	51.82 -1.61 0.00	57.61 -2.36 0.00	66.43 -2.72 0.00	92.08 -3.87 0.00
INDECK___CORINTH 23802	62.29 4.08 0.00	52.91 3.21 0.00	39.24 2.34 0.00	53.29 3.16 0.00	40.41 2.43 0.00	48.44 2.92 0.00	44.13 2.65 0.00	36.21 2.32 0.00	41.04 2.75 0.00	54.39 3.72 0.00	69.73 4.90 0.00	64.67 4.49 0.00	83.37 5.59 0.00	73.60 4.85 0.00	65.12 4.47 0.00	46.45 3.21 0.00	51.77 3.63 0.00	56.37 4.00 0.00	51.10 3.65 0.00	53.56 3.90 0.00	57.48 4.05 0.00	64.22 4.25 0.00	73.66 4.50 0.00	102.09 6.14 0.00
INDECK___ILION 23567	59.32 1.11 0.00	50.55 0.86 0.00	37.49 0.59 0.00	50.89 0.76 0.00	38.58 0.59 0.00	46.25 0.72 0.00	42.19 0.71 0.00	34.56 0.68 0.00	39.14 0.84 0.00	51.84 1.17 0.00	66.37 1.55 0.00	61.57 1.39 0.00	79.55 1.78 0.00	70.29 1.54 0.00	62.00 1.35 0.00	44.09 0.85 0.00	49.13 0.99 0.00	53.58 1.21 0.00	48.60 1.14 0.00	50.89 1.24 0.00	54.67 1.24 0.00	61.13 1.16 0.00	70.17 1.02 0.00	97.38 1.43 0.00
INDECK___OLEAN 23982	56.92 -1.29 0.00	48.75 -0.95 0.00	36.11 -0.80 0.00	48.90 -1.22 0.00	37.24 -0.75 0.00	44.70 -0.83 0.00	40.32 -1.16 0.00	32.31 -1.58 0.00	36.46 -1.83 0.00	48.36 -2.31 0.00	61.58 -3.24 0.00	57.51 -2.68 0.00	74.30 -3.48 0.00	65.70 -3.05 0.00	58.15 -2.50 0.00	41.89 -1.35 0.00	46.01 -2.13 0.00	49.66 -2.71 0.00	44.79 -2.66 0.00	46.87 -2.79 0.00	50.74 -2.69 0.00	56.37 -3.59 0.00	65.48 -3.68 0.00	91.26 -4.69 0.00
INDECK___OSWEGO 23783	55.59 -2.63 0.00	47.82 -1.89 0.00	35.62 -1.29 0.00	48.32 -1.81 0.00	36.66 -1.32 0.00	43.90 -1.62 0.00	40.02 -1.46 0.00	32.74 -1.15 0.00	36.96 -1.33 0.00	48.91 -1.76 0.00	62.48 -2.34 0.00	58.07 -2.11 0.00	75.02 -2.76 0.00	66.28 -2.47 0.00	58.50 -2.15 0.00	41.77 -1.47 0.00	46.49 -1.65 0.00	50.60 -1.77 0.00	45.78 -1.68 0.00	47.92 -1.73 0.00	51.57 -1.87 0.00	57.69 -2.27 0.00	66.38 -2.77 0.00	91.52 -4.43 0.00
INDECK___YERKES 23781	54.26 -3.96 0.00	46.64 -3.07 0.00	34.57 -2.33 0.00	46.73 -3.39 0.00	35.65 -2.34 0.00	42.71 -2.81 0.00	38.55 -2.93 0.00	30.90 -2.99 0.00	34.85 -3.45 0.00	45.99 -4.69 0.00	58.18 -6.64 0.00	54.11 -6.07 0.00	69.98 -7.80 0.00	61.87 -6.88 0.00	54.77 -5.87 0.00	39.49 -3.75 0.00	43.51 -4.63 0.00	47.00 -5.36 0.00	42.14 -5.32 0.00	44.03 -5.63 0.00	47.98 -5.46 0.00	53.34 -6.63 0.00	62.10 -7.05 0.00	86.61 -9.34 0.00
INDIAN POINT_GT_1 24139	60.66 2.45 0.00	51.85 2.15 0.00	38.52 1.61 0.00	52.15 2.02 0.00	39.55 1.56 0.00	47.43 1.91 0.00	43.34 1.86 0.00	35.42 1.54 0.00	40.08 1.78 0.00	53.08 2.41 0.00	68.03 3.21 0.00	63.12 2.94 0.00	81.35 3.58 0.00	71.94 3.19 0.00	63.64 3.00 0.00	45.63 2.39 0.00	50.80 2.66 0.00	55.51 3.14 0.00	50.49 3.04 0.00	52.79 3.13 0.00	56.68 3.25 0.00	63.11 3.14 0.00	72.32 3.16 0.00	99.97 4.02 0.00
INDIAN POINT_GT_2 23659	60.66 2.45 0.00	51.85 2.15 0.00	38.52 1.61 0.00	52.15 2.02 0.00	39.55 1.56 0.00	47.43 1.91 0.00	43.34 1.86 0.00	35.42 1.54 0.00	40.08 1.78 0.00	53.08 2.41 0.00	68.03 3.21 0.00	63.12 2.94 0.00	81.35 3.58 0.00	71.94 3.19 0.00	63.64 3.00 0.00	45.63 2.39 0.00	50.80 2.66 0.00	55.51 3.14 0.00	50.49 3.04 0.00	52.79 3.13 0.00	56.68 3.25 0.00	63.11 3.14 0.00	72.32 3.16 0.00	99.97 4.02 0.00
INDIAN POINT_GT_3 24019	60.66 2.45 0.00	51.85 2.15 0.00	38.52 1.61 0.00	52.15 2.02 0.00	39.55 1.56 0.00	47.43 1.91 0.00	43.34 1.86 0.00	35.42 1.54 0.00	40.08 1.78 0.00	53.08 2.41 0.00	68.03 3.21 0.00	63.12 2.94 0.00	81.35 3.58 0.00	71.94 3.19 0.00	63.64 3.00 0.00	45.63 2.39 0.00	50.80 2.66 0.00	55.51 3.14 0.00	50.49 3.04 0.00	52.79 3.13 0.00	56.68 3.25 0.00	63.11 3.14 0.00	72.32 3.16 0.00	99.97 4.02 0.00
INDIAN POINT___2 23530	60.53 2.32 0.00	51.74 2.04 0.00	38.44 1.53 0.00	52.04 1.91 0.00	39.47 1.48 0.00	47.34 1.82 0.00	43.25 1.77 0.00	35.35 1.46 0.00	39.98 1.68 0.00	52.96 2.29 0.00	67.87 3.05 0.00	62.96 2.78 0.00	81.14 3.37 0.00	71.75 3.00 0.00	63.49 2.84 0.00	45.52 2.28 0.00	50.66 2.53 0.00	55.38 3.01 0.00	50.37 2.91 0.00	52.65 2.99 0.00	56.54 3.11 0.00	62.96 2.99 0.00	72.17 3.01 0.00	99.75 3.80 0.00
INDIAN POINT___3 23531	60.58 2.37 0.00	51.77 2.07 0.00	38.46 1.56 0.00	52.09 1.96 0.00	39.51 1.52 0.00	47.38 1.85 0.00	43.28 1.81 0.00	35.38 1.49 0.00	40.02 1.73 0.00	53.01 2.34 0.00	67.93 3.11 0.00	63.03 2.84 0.00	81.24 3.46 0.00	71.82 3.07 0.00	63.55 2.90 0.00	45.56 2.32 0.00	50.70 2.57 0.00	55.40 3.04 0.00	50.40 2.94 0.00	52.70 3.04 0.00	56.58 3.15 0.00	63.00 3.03 0.00	72.21 3.06 0.00	99.82 3.87 0.00
INGHAM_C_115KV_TB7 356103	60.26 2.05 0.00	51.27 1.57 0.00	37.97 1.06 0.00	51.53 1.40 0.00	39.05 1.06 0.00	46.84 1.32 0.00	42.78 1.30 0.00	35.13 1.25 0.00	39.87 1.57 0.00	52.84 2.17 0.00	67.68 2.86 0.00	62.70 2.51 0.00	81.01 3.23 0.00	71.58 2.83 0.00	63.12 2.47 0.00	44.76 1.52 0.00	49.97 1.84 0.00	54.62 2.26 0.00	49.56 2.10 0.00	51.96 2.30 0.00	55.71 2.27 0.00	62.10 2.14 0.00	70.97 1.82 0.00	98.49 2.53 0.00
IP CORINTH___1 23988	62.29 4.08 0.00	52.91 3.21 0.00	39.24 2.33 0.00	53.29 3.16 0.00	40.41 2.42 0.00	48.44 2.91 0.00	44.13 2.65 0.00	36.21 2.33 0.00	41.04 2.75 0.00	54.39 3.72 0.00	69.73 4.90 0.00	64.67 4.49 0.00	83.36 5.59 0.00	73.60 4.85 0.00	65.12 4.47 0.00	46.45 3.21 0.00	51.77 3.63 0.00	56.37 4.00 0.00	51.10 3.65 0.00	53.56 3.90 0.00	57.49 4.05 0.00	64.22 4.25 0.00	73.65 4.50 0.00	102.08 6.13 0.00

IP__TICONDEROGA 23804	64.90 6.69 0.00	54.74 5.04 0.00	40.52 3.62 0.00	55.01 4.88 0.00	41.71 3.72 0.00	50.07 4.55 0.00	45.44 3.96 0.00	37.54 3.66 0.00	42.56 4.26 0.00	56.28 5.61 0.00	72.04 7.22 0.00	66.47 6.28 0.00	85.31 7.53 0.00	75.18 6.43 0.00	67.14 6.50 0.00	48.05 4.80 0.00	53.86 5.72 0.00	58.65 6.27 0.00	53.16 5.70 0.00	55.85 6.19 0.00	59.74 6.31 0.00	66.67 6.70 0.00	76.27 7.12 0.00	105.82 9.87 0.00
ISLIP_RES_REC 323679	63.16 4.95 0.00	53.95 4.25 0.00	40.16 3.25 0.00	54.21 4.08 0.00	41.03 3.04 0.00	49.21 3.69 0.00	44.77 3.29 0.00	36.70 2.82 0.00	41.59 3.29 0.00	55.26 4.59 0.00	71.23 6.40 0.00	65.80 5.61 0.00	84.44 6.66 0.00	74.63 5.88 0.00	66.67 6.02 0.00	48.06 4.81 0.00	74.35 5.45 -20.76	103.50 6.41 -44.73	104.12 6.02 -50.64	112.04 6.29 -56.09	103.65 6.56 -43.65	66.70 6.72 -0.01	78.94 7.23 -2.56	105.32 9.37 0.00
JAMAICA__27_KV_LOAD 355505	60.87 2.66 0.00	51.97 2.27 0.00	38.61 1.70 0.00	52.27 2.14 0.00	39.65 1.66 0.00	47.57 2.05 0.00	43.57 2.09 0.00	35.57 1.68 0.00	40.24 1.94 0.00	53.29 2.61 0.00	68.34 3.51 0.00	63.43 3.24 0.00	81.83 4.06 0.00	72.49 3.74 0.00	64.08 3.44 0.00	46.09 2.85 0.00	51.49 3.23 -0.13	56.07 3.55 -0.15	50.87 3.41 0.00	53.22 3.56 0.00	57.04 3.60 0.00	63.42 3.45 0.00	72.48 3.33 0.00	100.19 4.24 0.00
JANIS__SOLAR 323808	61.04 2.83 0.00	52.02 2.32 0.00	38.59 1.68 0.00	52.27 2.14 0.00	39.69 1.70 0.00	47.68 2.16 0.00	43.43 1.95 0.00	35.59 1.71 0.00	40.32 2.03 0.00	53.36 2.69 0.00	68.04 3.21 0.00	63.16 2.97 0.00	81.51 3.73 0.00	71.94 3.18 0.00	63.46 2.82 0.00	45.46 2.22 0.00	50.73 2.59 0.00	55.31 2.94 0.00	50.03 2.57 0.00	52.33 2.67 0.00	56.30 2.86 0.00	62.84 2.87 0.00	72.29 3.13 0.00	100.12 4.17 0.00
JARVIS____ 23743	58.48 0.27 0.00	49.90 0.20 0.00	37.05 0.14 0.00	50.28 0.15 0.00	38.13 0.14 0.00	45.70 0.17 0.00	41.64 0.17 0.00	34.05 0.16 0.00	38.49 0.19 0.00	50.93 0.25 0.00	65.22 0.39 0.00	60.55 0.36 0.00	78.24 0.47 0.00	69.11 0.36 0.00	60.99 0.34 0.00	43.46 0.21 0.00	48.38 0.24 0.00	52.67 0.30 0.00	47.74 0.29 0.00	49.96 0.30 0.00	53.75 0.32 0.00	60.20 0.23 0.00	69.37 0.22 0.00	96.26 0.31 0.00
JENNISON__1 23625	61.36 3.15 0.00	52.28 2.58 0.00	38.72 1.82 0.00	52.35 2.22 0.00	39.71 1.72 0.00	47.68 2.15 0.00	43.41 1.93 0.00	35.63 1.74 0.00	40.40 2.10 0.00	53.53 2.86 0.00	68.36 3.54 0.00	63.58 3.39 0.00	82.14 4.36 0.00	72.53 3.78 0.00	64.00 3.36 0.00	45.83 2.59 0.00	51.08 2.95 0.00	55.68 3.31 0.00	50.32 2.86 0.00	52.60 2.94 0.00	56.55 3.12 0.00	63.03 3.06 0.00	72.60 3.45 0.00	100.68 4.73 0.00
JENNISON__2 23626	61.36 3.15 0.00	52.28 2.58 0.00	38.72 1.82 0.00	52.35 2.22 0.00	39.71 1.72 0.00	47.68 2.15 0.00	43.41 1.93 0.00	35.63 1.74 0.00	40.40 2.10 0.00	53.53 2.86 0.00	68.36 3.54 0.00	63.58 3.39 0.00	82.14 4.36 0.00	72.53 3.78 0.00	64.00 3.36 0.00	45.83 2.59 0.00	51.08 2.95 0.00	55.68 3.31 0.00	50.32 2.86 0.00	52.60 2.94 0.00	56.55 3.12 0.00	63.03 3.06 0.00	72.60 3.45 0.00	100.68 4.73 0.00
JERICHO_RISE_WT_PWR 323719	58.81 0.60 0.00	50.30 0.60 0.00	37.25 0.35 0.00	50.68 0.56 0.00	38.35 0.36 0.00	46.01 0.49 0.00	41.91 0.43 0.00	34.19 0.31 0.00	38.58 0.28 0.00	51.10 0.43 0.00	65.28 0.45 0.00	60.48 0.29 0.00	78.12 0.34 0.00	69.07 0.31 0.00	60.92 0.27 0.00	43.43 0.19 0.00	48.41 0.27 0.00	52.42 0.05 0.00	47.49 0.04 0.00	49.65 0.00 0.00	53.51 0.07 0.00	60.55 0.58 0.00	70.36 1.21 0.00	97.83 1.88 0.00
KATONAH__115KV_46KV_TB4 355592	61.38 3.16 0.00	52.43 2.72 0.00	38.94 2.04 0.00	52.73 2.61 0.00	40.01 2.02 0.00	47.97 2.45 0.00	43.83 2.35 0.00	35.84 1.96 0.00	40.56 2.27 0.00	53.76 3.09 0.00	68.87 4.05 0.00	63.87 3.68 0.00	82.37 4.59 0.00	72.83 4.08 0.00	64.44 3.79 0.00	46.19 2.95 0.00	51.43 3.30 0.00	56.19 3.83 0.00	51.09 3.64 0.00	53.43 3.77 0.00	57.37 3.94 0.00	63.90 3.93 0.00	73.21 4.05 0.00	101.21 5.25 0.00
KCE_NY_1 323755	61.99 3.77 0.00	52.62 2.91 0.00	39.02 2.11 0.00	52.98 2.86 0.00	40.17 2.19 0.00	48.16 2.64 0.00	43.92 2.44 0.00	35.97 2.09 0.00	40.76 2.46 0.00	53.93 3.25 0.00	69.16 4.34 0.00	64.27 4.08 0.00	82.84 5.06 0.00	73.07 4.32 0.00	64.59 3.95 0.00	46.02 2.78 0.00	51.23 3.09 0.00	55.88 3.51 0.00	50.64 3.19 0.00	53.03 3.37 0.00	57.04 3.60 0.00	63.73 3.76 0.00	73.12 3.97 0.00	101.40 5.44 0.00
KCE_NY_6_ESR 323823	55.26 -2.95 0.00	47.47 -2.23 0.00	35.17 -1.73 0.00	47.58 -2.55 0.00	36.28 -1.71 0.00	43.46 -2.06 0.00	39.25 -2.23 0.00	31.50 -2.39 0.00	35.53 -2.77 0.00	46.90 -3.77 0.00	59.40 -5.43 0.00	55.32 -4.87 0.00	71.53 -6.25 0.00	63.24 -5.51 0.00	55.99 -4.65 0.00	40.34 -2.90 0.00	44.47 -3.67 0.00	48.07 -4.30 0.00	43.13 -4.33 0.00	45.09 -4.57 0.00	49.04 -4.40 0.00	54.54 -5.43 0.00	63.48 -5.68 0.00	88.61 -7.34 0.00
KEDC_PORT_JEFF_GT2 24210	62.84 4.63 0.00	53.71 4.00 0.00	39.97 3.06 0.00	53.96 3.84 0.00	40.83 2.84 0.00	48.97 3.45 0.00	44.53 3.05 0.00	36.52 2.64 0.00	41.38 3.08 0.00	55.00 4.33 0.00	70.93 6.10 0.00	65.55 5.36 0.00	84.12 6.34 0.00	74.31 5.56 0.00	66.38 5.74 0.00	47.84 4.59 0.00	73.98 5.17 -20.67	102.95 6.09 -44.50	103.53 5.72 -50.35	111.41 5.98 -55.77	103.07 6.24 -43.40	66.34 6.36 -0.01	78.53 6.83 -2.54	104.77 8.82 0.00
KEDC_PORT_JEFF_GT3 24211	62.84 4.63 0.00	53.71 4.00 0.00	39.97 3.06 0.00	53.96 3.84 0.00	40.83 2.84 0.00	48.97 3.45 0.00	44.53 3.05 0.00	36.52 2.64 0.00	41.38 3.08 0.00	55.00 4.33 0.00	70.93 6.10 0.00	65.55 5.36 0.00	84.12 6.34 0.00	74.31 5.56 0.00	66.38 5.74 0.00	47.84 4.59 0.00	73.98 5.17 -20.67	102.95 6.09 -44.50	103.53 5.72 -50.35	111.41 5.98 -55.77	103.07 6.24 -43.40	66.34 6.36 -0.01	78.53 6.83 -2.54	104.77 8.82 0.00
KEDC_GLWD_GT4 24219	61.22 3.01 0.00	52.50 2.79 0.00	39.14 2.23 0.00	52.93 2.80 0.00	40.12 2.13 0.00	48.13 2.61 0.00	43.93 2.45 0.00	35.94 2.05 0.00	40.69 2.39 0.00	53.96 3.29 0.00	68.87 4.05 0.00	63.82 3.63 0.00	82.12 4.35 0.00	72.64 3.89 0.00	64.45 3.81 0.00	46.26 3.02 0.00	82.95 3.34 -31.47	126.10 3.88 -69.85	133.02 3.75 -81.82	144.19 3.90 -90.62	128.01 4.05 -70.53	63.96 3.98 -0.02	77.39 4.11 -4.13	101.17 5.22 0.00
KEDC_GLWD_GT5 24220	61.22 3.01 0.00	52.50 2.79 0.00	39.14 2.23 0.00	52.93 2.80 0.00	40.12 2.13 0.00	48.13 2.61 0.00	43.93 2.45 0.00	35.94 2.05 0.00	40.69 2.39 0.00	53.96 3.29 0.00	68.87 4.05 0.00	63.82 3.63 0.00	82.12 4.35 0.00	72.64 3.89 0.00	64.45 3.81 0.00	46.26 3.02 0.00	82.95 3.34 -31.47	126.10 3.88 -69.85	133.02 3.75 -81.82	144.19 3.90 -90.62	128.01 4.05 -70.53	63.96 3.98 -0.02	77.39 4.11 -4.13	101.17 5.22 0.00

KENSICO____ 23655	60.90 2.69 0.00	52.04 2.34 0.00	38.66 1.75 0.00	52.34 2.21 0.00	39.70 1.71 0.00	47.61 2.09 0.00	43.50 2.02 0.00	35.56 1.67 0.00	40.24 1.94 0.00	53.30 2.63 0.00	68.31 3.48 0.00	63.39 3.20 0.00	81.70 3.93 0.00	72.24 3.49 0.00	63.92 3.28 0.00	45.84 2.59 0.00	51.03 2.89 0.00	55.75 3.38 0.00	50.69 3.23 0.00	53.01 3.35 0.00	56.91 3.47 0.00	63.35 3.38 0.00	72.60 3.45 0.00	100.36 4.41 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	62.03 3.82 0.00	52.99 3.28 0.00	39.34 2.44 0.00	53.27 3.15 0.00	40.39 2.41 0.00	48.50 2.98 0.00	44.32 2.84 0.00	36.27 2.38 0.00	41.10 2.80 0.00	54.42 3.75 0.00	69.42 4.60 0.00	64.22 4.03 0.00	82.53 4.76 0.00	72.90 4.15 0.00	64.61 3.96 0.00	46.57 3.33 0.00	52.15 4.01 0.00	57.08 4.71 0.00	51.84 4.38 0.00	54.19 4.53 0.00	58.23 4.79 0.00	64.86 4.89 0.00	74.30 5.14 0.00	102.56 6.61 0.00
KIAC_JFK_GT1 23816	60.35 2.14 0.00	51.53 1.83 0.00	38.28 1.38 0.00	51.82 1.70 0.00	39.32 1.33 0.00	47.16 1.64 0.00	43.19 1.71 0.00	35.22 1.34 0.00	39.85 1.55 0.00	52.77 2.10 0.00	67.66 2.83 0.00	62.82 2.64 0.00	81.04 3.26 0.00	71.78 3.03 0.00	63.46 2.82 0.00	45.64 2.40 0.00	50.98 2.71 -0.13	55.51 2.99 -0.15	50.37 2.91 0.00	52.68 3.02 0.00	56.47 3.03 0.00	62.78 2.81 0.00	71.78 2.62 0.00	99.21 3.26 0.00
KIAC_JFK_GT2 23817	60.35 2.14 0.00	51.53 1.83 0.00	38.28 1.38 0.00	51.82 1.70 0.00	39.32 1.33 0.00	47.16 1.64 0.00	43.19 1.71 0.00	35.22 1.34 0.00	39.85 1.55 0.00	52.77 2.10 0.00	67.66 2.83 0.00	62.82 2.64 0.00	81.04 3.26 0.00	71.78 3.03 0.00	63.46 2.82 0.00	45.64 2.40 0.00	50.98 2.71 -0.13	55.51 2.99 -0.15	50.37 2.91 0.00	52.68 3.02 0.00	56.47 3.03 0.00	62.78 2.81 0.00	71.78 2.62 0.00	99.21 3.26 0.00
KIAC_JFK____ 323774	60.35 2.14 0.00	51.53 1.83 0.00	38.28 1.38 0.00	51.82 1.70 0.00	39.31 1.32 0.00	47.16 1.64 0.00	43.19 1.71 0.00	35.22 1.33 0.00	39.85 1.55 0.00	52.77 2.10 0.00	67.65 2.83 0.00	62.82 2.64 0.00	81.04 3.26 0.00	71.79 3.04 0.00	63.47 2.83 0.00	45.63 2.39 0.00	50.98 2.71 -0.13	55.51 2.99 -0.15	50.37 2.91 0.00	52.67 3.02 0.00	56.47 3.03 0.00	62.79 2.82 0.00	71.78 2.62 0.00	99.21 3.26 0.00
KINTIGH____ 23543	53.89 -4.32 0.00	46.27 -3.43 0.00	34.31 -2.60 0.00	46.43 -3.70 0.00	35.38 -2.61 0.00	42.39 -3.14 0.00	38.33 -3.15 0.00	30.83 -3.06 0.00	34.75 -3.55 0.00	45.88 -4.79 0.00	58.22 -6.60 0.00	54.17 -6.02 0.00	70.06 -7.71 0.00	61.93 -6.82 0.00	54.79 -5.86 0.00	39.42 -3.82 0.00	43.49 -4.65 0.00	47.02 -5.35 0.00	42.26 -5.20 0.00	44.18 -5.48 0.00	47.98 -5.45 0.00	53.41 -6.56 0.00	62.15 -7.01 0.00	86.78 -9.17 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	59.89 1.67 0.00	51.15 1.45 0.00	37.83 0.92 0.00	51.46 1.33 0.00	38.95 0.96 0.00	46.76 1.24 0.00	42.64 1.17 0.00	34.86 0.98 0.00	39.28 0.98 0.00	52.17 1.50 0.00	66.60 1.77 0.00	61.58 1.40 0.00	79.44 1.66 0.00	70.20 1.44 0.00	61.98 1.34 0.00	44.16 0.91 0.00	49.26 1.12 0.00	53.31 0.94 0.00	48.38 0.92 0.00	50.53 0.87 0.00	54.45 1.02 0.00	61.59 1.63 0.00	71.52 2.37 0.00	99.39 3.43 0.00
LACHUTE__HYDRO 323717	64.90 6.69 0.00	54.74 5.04 0.00	40.52 3.62 0.00	55.01 4.88 0.00	41.71 3.72 0.00	50.07 4.55 0.00	45.43 3.96 0.00	37.54 3.66 0.00	42.55 4.26 0.00	56.28 5.61 0.00	72.04 7.22 0.00	66.47 6.28 0.00	85.31 7.53 0.00	75.18 6.42 0.00	67.14 6.50 0.00	48.05 4.80 0.00	53.86 5.72 0.00	58.64 6.27 0.00	53.15 5.69 0.00	55.85 6.19 0.00	59.74 6.31 0.00	66.66 6.70 0.00	76.27 7.12 0.00	105.83 9.88 0.00
LAWRNCAL_115KV_TB1 80681	58.19 -0.03 0.00	49.73 0.03 0.00	36.87 -0.04 0.00	50.16 0.03 0.00	37.95 -0.03 0.00	45.38 -0.14 0.00	41.21 -0.27 0.00	33.60 -0.28 0.00	37.98 -0.32 0.00	50.24 -0.43 0.00	64.35 -0.48 0.00	59.82 -0.37 0.00	77.31 -0.47 0.00	68.31 -0.45 0.00	60.17 -0.47 0.00	42.86 -0.39 0.00	47.66 -0.48 0.00	51.63 -0.74 0.00	46.77 -0.69 0.00	48.89 -0.77 0.00	52.65 -0.78 0.00	59.69 -0.28 0.00	69.52 0.37 0.00	96.96 1.01 0.00
LEDERLE____ 23769	60.59 2.38 0.00	51.78 2.08 0.00	38.47 1.56 0.00	52.08 1.95 0.00	39.51 1.52 0.00	47.39 1.87 0.00	43.29 1.81 0.00	35.39 1.51 0.00	40.03 1.73 0.00	53.01 2.34 0.00	67.92 3.10 0.00	62.99 2.80 0.00	81.17 3.40 0.00	71.78 3.03 0.00	63.52 2.87 0.00	45.55 2.31 0.00	50.70 2.56 0.00	55.46 3.09 0.00	50.45 2.99 0.00	52.75 3.09 0.00	56.63 3.20 0.00	63.05 3.08 0.00	72.25 3.10 0.00	99.84 3.88 0.00
LIGHTHSE_115KV_TB6 355974	57.65 -0.56 0.00	49.16 -0.54 0.00	36.51 -0.39 0.00	49.56 -0.56 0.00	37.55 -0.44 0.00	45.05 -0.48 0.00	40.98 -0.50 0.00	33.52 -0.37 0.00	37.96 -0.34 0.00	50.16 -0.52 0.00	63.93 -0.89 0.00	59.41 -0.77 0.00	76.62 -1.15 0.00	67.55 -1.20 0.00	59.62 -1.03 0.00	42.69 -0.55 0.00	47.70 -0.44 0.00	51.84 -0.53 0.00	46.94 -0.52 0.00	49.11 -0.55 0.00	52.87 -0.57 0.00	59.33 -0.64 0.00	68.37 -0.79 0.00	94.63 -1.32 0.00
LINDEN COGEN____ 23786	60.54 2.33 0.00	51.79 2.09 0.00	38.49 1.59 0.00	52.05 1.93 0.00	39.49 1.50 0.00	47.36 1.84 0.00	43.32 1.84 0.00	35.39 1.51 0.00	40.06 1.76 0.00	53.04 2.37 0.00	67.92 3.09 0.00	63.01 2.82 0.00	81.20 3.42 0.00	71.84 3.09 0.00	63.59 2.95 0.00	45.76 2.52 0.00	50.91 2.78 0.00	55.61 3.24 0.00	50.61 3.16 0.00	52.91 3.25 0.00	56.75 3.31 0.00	63.03 3.07 0.00	72.15 3.00 0.00	99.67 3.72 0.00
LINDHRST_69_KV_BK1 356055	62.63 4.42 0.00	53.51 3.81 0.00	39.78 2.88 0.00	53.74 3.61 0.00	40.71 2.72 0.00	48.81 3.29 0.00	44.47 2.99 0.00	36.43 2.54 0.00	41.27 2.97 0.00	54.87 4.20 0.00	70.62 5.79 0.00	65.32 5.13 0.00	83.79 6.02 0.00	74.11 5.36 0.00	66.04 5.40 0.00	47.51 4.26 0.00	75.22 4.78 -22.30	106.35 5.57 -48.41	108.04 5.29 -55.29	116.44 5.54 -61.25	106.87 5.77 -47.67	65.83 5.85 -0.01	78.22 6.27 -2.79	104.04 8.09 0.00
LIPA_MISC_IPP 23656	62.86 4.65 0.00	53.70 4.00 0.00	40.01 3.10 0.00	54.00 3.87 0.00	40.83 2.84 0.00	48.97 3.45 0.00	44.49 3.02 0.00	36.50 2.61 0.00	41.37 3.07 0.00	54.97 4.29 0.00	70.92 6.09 0.00	65.53 5.34 0.00	84.11 6.33 0.00	74.28 5.53 0.00	66.38 5.73 0.00	47.89 4.65 0.00	74.01 5.26 -20.61	102.93 6.20 -44.36	103.47 5.83 -50.18	111.33 6.08 -55.59	103.03 6.34 -43.26	66.47 6.49 -0.01	78.63 6.94 -2.54	104.88 8.93 0.00
LISF__SOLAR 323691	62.99 4.77 0.00	53.81 4.11 0.00	40.09 3.18 0.00	54.11 3.98 0.00	40.91 2.92 0.00	49.06 3.54 0.00	44.58 3.10 0.00	36.57 2.68 0.00	41.44 3.14 0.00	55.04 4.37 0.00	71.01 6.18 0.00	65.58 5.39 0.00	84.19 6.42 0.00	74.34 5.59 0.00	66.46 5.81 0.00	47.99 4.75 0.00	74.15 5.38 -20.63	103.09 6.31 -44.41	103.65 5.95 -50.24	111.50 6.19 -55.65	103.21 6.48 -43.31	66.62 6.64 -0.01	78.81 7.11 -2.54	105.13 9.18 0.00

LITTLE FALLS___HYD 24013	60.26 2.05 0.00	51.27 1.57 0.00	37.97 1.06 0.00	51.53 1.40 0.00	39.05 1.06 0.00	46.84 1.32 0.00	42.78 1.30 0.00	35.13 1.25 0.00	39.87 1.57 0.00	52.84 2.17 0.00	67.68 2.86 0.00	62.70 2.51 0.00	81.01 3.23 0.00	71.58 2.83 0.00	63.12 2.47 0.00	44.76 1.52 0.00	49.97 1.84 0.00	54.62 2.26 0.00	49.56 2.10 0.00	51.96 2.30 0.00	55.71 2.27 0.00	62.10 2.14 0.00	70.97 1.82 0.00	98.49 2.53 0.00
LITTLRIV_115KV_TB1 356100	58.81 0.59 0.00	50.21 0.51 0.00	37.24 0.34 0.00	50.68 0.55 0.00	38.34 0.35 0.00	45.87 0.35 0.00	41.63 0.15 0.00	33.97 0.08 0.00	38.40 0.11 0.00	50.80 0.13 0.00	65.01 0.19 0.00	60.41 0.23 0.00	78.08 0.31 0.00	68.98 0.23 0.00	60.75 0.11 0.00	43.32 0.08 0.00	48.21 0.07 0.00	52.24 -0.13 0.00	47.29 -0.16 0.00	49.43 -0.23 0.00	53.24 -0.20 0.00	60.35 0.39 0.00	70.30 1.14 0.00	98.01 2.05 0.00
LI_NEWBRDGE___DRP 323616	61.48 3.26 0.00	52.57 2.87 0.00	39.07 2.17 0.00	52.82 2.70 0.00	40.03 2.04 0.00	48.01 2.49 0.00	43.75 2.27 0.00	35.82 1.94 0.00	40.57 2.28 0.00	53.91 3.24 0.00	69.32 4.50 0.00	64.17 3.98 0.00	82.47 4.69 0.00	72.91 4.16 0.00	64.87 4.22 0.00	46.58 3.34 0.00	71.42 3.67 -19.61	98.65 4.28 -42.00	98.82 4.12 -47.24	106.29 4.30 -52.33	98.63 4.47 -40.72	64.41 4.44 -0.01	76.22 4.68 -2.39	101.94 5.99 0.00
LOCKPORT_115KV_TB60_63_64 80432	53.67 -4.55 0.00	46.13 -3.57 0.00	34.21 -2.69 0.00	46.24 -3.89 0.00	35.29 -2.70 0.00	42.26 -3.27 0.00	38.13 -3.35 0.00	30.56 -3.32 0.00	34.47 -3.83 0.00	45.43 -5.24 0.00	57.42 -7.40 0.00	53.41 -6.78 0.00	69.04 -8.73 0.00	61.06 -7.69 0.00	54.04 -6.60 0.00	38.97 -4.27 0.00	42.90 -5.24 0.00	46.31 -6.06 0.00	41.52 -5.94 0.00	43.39 -6.26 0.00	47.33 -6.10 0.00	52.62 -7.34 0.00	61.29 -7.86 0.00	85.58 -10.37 0.00
LOCKPORT___CC1 323769	53.50 -4.71 0.00	45.99 -3.71 0.00	34.10 -2.81 0.00	46.10 -4.03 0.00	35.17 -2.81 0.00	42.13 -3.40 0.00	38.00 -3.48 0.00	30.44 -3.45 0.00	34.34 -3.96 0.00	45.28 -5.39 0.00	57.25 -7.57 0.00	53.24 -6.95 0.00	68.85 -8.93 0.00	60.87 -7.88 0.00	53.88 -6.77 0.00	38.87 -4.37 0.00	42.78 -5.36 0.00	46.19 -6.18 0.00	41.39 -6.06 0.00	43.27 -6.38 0.00	47.19 -6.25 0.00	52.46 -7.51 0.00	61.10 -8.06 0.00	85.32 -10.63 0.00
LOCKPORT___CC2 323770	53.50 -4.71 0.00	45.99 -3.71 0.00	34.10 -2.81 0.00	46.10 -4.03 0.00	35.17 -2.81 0.00	42.13 -3.40 0.00	38.00 -3.48 0.00	30.44 -3.45 0.00	34.34 -3.96 0.00	45.28 -5.39 0.00	57.25 -7.57 0.00	53.24 -6.95 0.00	68.85 -8.93 0.00	60.87 -7.88 0.00	53.88 -6.77 0.00	38.87 -4.37 0.00	42.78 -5.36 0.00	46.19 -6.18 0.00	41.39 -6.06 0.00	43.27 -6.38 0.00	47.19 -6.25 0.00	52.46 -7.51 0.00	61.10 -8.06 0.00	85.32 -10.63 0.00
LOCKPORT___CC3 323771	53.50 -4.71 0.00	45.99 -3.71 0.00	34.10 -2.81 0.00	46.10 -4.03 0.00	35.17 -2.81 0.00	42.13 -3.40 0.00	38.00 -3.48 0.00	30.44 -3.45 0.00	34.34 -3.96 0.00	45.28 -5.39 0.00	57.25 -7.57 0.00	53.24 -6.95 0.00	68.85 -8.93 0.00	60.87 -7.88 0.00	53.88 -6.77 0.00	38.87 -4.37 0.00	42.78 -5.36 0.00	46.19 -6.18 0.00	41.39 -6.06 0.00	43.27 -6.38 0.00	47.19 -6.25 0.00	52.46 -7.51 0.00	61.10 -8.06 0.00	85.32 -10.63 0.00
LONG_LAKE_PHOENIX 24014	56.23 -1.98 0.00	48.05 -1.65 0.00	35.70 -1.20 0.00	48.42 -1.71 0.00	36.76 -1.23 0.00	44.02 -1.50 0.00	40.13 -1.35 0.00	32.81 -1.08 0.00	37.07 -1.23 0.00	49.07 -1.60 0.00	62.69 -2.14 0.00	58.24 -1.95 0.00	75.23 -2.55 0.00	66.49 -2.26 0.00	58.66 -1.98 0.00	41.90 -1.34 0.00	46.64 -1.50 0.00	50.75 -1.62 0.00	45.92 -1.53 0.00	48.07 -1.59 0.00	51.72 -1.71 0.00	57.86 -2.11 0.00	66.61 -2.55 0.00	92.31 -3.64 0.00
LOVETT___3 23632	60.24 2.03 0.00	51.49 1.79 0.00	38.25 1.35 0.00	51.80 1.67 0.00	39.29 1.31 0.00	47.12 1.60 0.00	43.05 1.57 0.00	35.19 1.31 0.00	39.80 1.50 0.00	52.71 2.03 0.00	67.53 2.70 0.00	62.64 2.45 0.00	80.73 2.95 0.00	71.38 2.63 0.00	63.16 2.52 0.00	45.29 2.05 0.00	50.41 2.27 0.00	55.12 2.75 0.00	50.13 2.67 0.00	52.41 2.75 0.00	56.27 2.84 0.00	62.65 2.68 0.00	71.82 2.67 0.00	99.26 3.31 0.00
LOVETT___4 23642	60.24 2.03 0.00	51.49 1.79 0.00	38.25 1.35 0.00	51.80 1.67 0.00	39.29 1.31 0.00	47.12 1.60 0.00	43.05 1.57 0.00	35.19 1.31 0.00	39.80 1.50 0.00	52.71 2.03 0.00	67.53 2.70 0.00	62.64 2.45 0.00	80.73 2.95 0.00	71.38 2.63 0.00	63.16 2.52 0.00	45.29 2.05 0.00	50.41 2.27 0.00	55.12 2.75 0.00	50.13 2.67 0.00	52.41 2.75 0.00	56.27 2.84 0.00	62.65 2.68 0.00	71.82 2.67 0.00	99.26 3.31 0.00
LOVETT___5 23593	60.24 2.03 0.00	51.49 1.79 0.00	38.25 1.35 0.00	51.80 1.67 0.00	39.29 1.31 0.00	47.12 1.60 0.00	43.05 1.57 0.00	35.19 1.31 0.00	39.80 1.50 0.00	52.71 2.03 0.00	67.53 2.70 0.00	62.64 2.45 0.00	80.73 2.95 0.00	71.38 2.63 0.00	63.16 2.52 0.00	45.29 2.05 0.00	50.41 2.27 0.00	55.12 2.75 0.00	50.13 2.67 0.00	52.41 2.75 0.00	56.27 2.84 0.00	62.65 2.68 0.00	71.82 2.67 0.00	99.26 3.31 0.00
LOWER RAQUET___HYD 24057	58.07 -0.14 0.00	49.61 -0.09 0.00	36.78 -0.12 0.00	50.04 -0.09 0.00	37.86 -0.13 0.00	45.24 -0.28 0.00	41.05 -0.43 0.00	33.48 -0.40 0.00	37.86 -0.44 0.00	50.08 -0.60 0.00	64.18 -0.65 0.00	59.70 -0.49 0.00	77.15 -0.63 0.00	68.14 -0.61 0.00	60.02 -0.62 0.00	42.73 -0.51 0.00	47.51 -0.63 0.00	51.46 -0.90 0.00	46.63 -0.83 0.00	48.73 -0.93 0.00	52.48 -0.95 0.00	59.49 -0.48 0.00	69.34 0.19 0.00	96.77 0.81 0.00
LOWER___HUDSON 24059	61.16 2.95 0.00	52.06 2.36 0.00	38.64 1.73 0.00	52.46 2.34 0.00	39.77 1.78 0.00	47.65 2.13 0.00	43.44 1.96 0.00	35.53 1.64 0.00	40.18 1.89 0.00	53.18 2.51 0.00	68.27 3.44 0.00	63.38 3.19 0.00	81.80 4.02 0.00	72.22 3.46 0.00	63.82 3.17 0.00	45.38 2.14 0.00	50.45 2.31 0.00	54.93 2.56 0.00	49.84 2.38 0.00	52.23 2.57 0.00	56.06 2.62 0.00	62.67 2.70 0.00	72.02 2.87 0.00	100.03 4.08 0.00
LOWVILLE_115KV_TB2 356335	59.81 1.59 0.00	50.91 1.21 0.00	37.74 0.84 0.00	51.29 1.16 0.00	38.89 0.90 0.00	46.67 1.14 0.00	42.53 1.05 0.00	34.81 0.93 0.00	39.47 1.17 0.00	52.13 1.46 0.00	66.48 1.66 0.00	61.67 1.48 0.00	79.35 1.58 0.00	69.95 1.20 0.00	61.65 1.00 0.00	44.11 0.87 0.00	49.45 1.31 0.00	53.88 1.51 0.00	48.80 1.34 0.00	51.06 1.40 0.00	54.93 1.50 0.00	61.62 1.66 0.00	70.97 1.82 0.00	98.38 2.43 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	61.87 3.65 0.00	52.61 2.91 0.00	39.03 2.13 0.00	53.01 2.88 0.00	40.19 2.20 0.00	48.18 2.66 0.00	43.92 2.45 0.00	35.96 2.08 0.00	40.72 2.42 0.00	53.91 3.24 0.00	69.13 4.31 0.00	64.19 4.00 0.00	82.82 5.04 0.00	73.12 4.37 0.00	64.59 3.95 0.00	46.04 2.79 0.00	51.25 3.11 0.00	55.84 3.47 0.00	50.62 3.17 0.00	53.02 3.37 0.00	56.96 3.53 0.00	63.67 3.70 0.00	73.09 3.94 0.00	101.36 5.41 0.00

LUTHERNY_35_KV_BK2 355980	61.98 3.77 0.00	52.62 2.92 0.00	39.02 2.12 0.00	52.99 2.86 0.00	40.17 2.19 0.00	48.16 2.64 0.00	43.92 2.44 0.00	35.97 2.09 0.00	40.75 2.46 0.00	53.93 3.25 0.00	69.16 4.34 0.00	64.27 4.08 0.00	82.84 5.06 0.00	73.07 4.32 0.00	64.59 3.95 0.00	46.02 2.78 0.00	51.23 3.09 0.00	55.88 3.51 0.00	50.64 3.18 0.00	53.03 3.37 0.00	57.04 3.60 0.00	63.73 3.76 0.00	73.13 3.97 0.00	101.37 5.42 0.00
LWR___OSWEGATCHIE_HYD 23850	58.47 0.26 0.00	49.86 0.16 0.00	36.96 0.05 0.00	50.26 0.13 0.00	38.06 0.07 0.00	45.55 0.03 0.00	41.41 -0.07 0.00	33.84 -0.04 0.00	38.33 0.04 0.00	50.67 0.00 0.00	64.80 -0.02 0.00	60.23 0.04 0.00	77.61 -0.16 0.00	68.45 -0.30 0.00	60.28 -0.37 0.00	43.06 -0.18 0.00	48.07 -0.07 0.00	52.23 -0.14 0.00	47.31 -0.15 0.00	49.50 -0.16 0.00	53.25 -0.19 0.00	60.05 0.08 0.00	69.56 0.41 0.00	96.78 0.83 0.00
LYONS_FALL_HYD 23570	59.84 1.63 0.00	50.97 1.27 0.00	37.79 0.88 0.00	51.33 1.20 0.00	38.94 0.95 0.00	46.72 1.19 0.00	42.58 1.10 0.00	34.85 0.97 0.00	39.49 1.19 0.00	52.20 1.52 0.00	66.62 1.79 0.00	61.77 1.59 0.00	79.57 1.80 0.00	70.19 1.44 0.00	61.88 1.24 0.00	44.23 0.99 0.00	49.51 1.38 0.00	53.94 1.57 0.00	48.87 1.41 0.00	51.14 1.48 0.00	54.99 1.56 0.00	61.65 1.68 0.00	70.97 1.82 0.00	98.38 2.42 0.00
MADISON___COUNTY_LFGE 323628	59.76 1.55 0.00	50.97 1.27 0.00	37.83 0.92 0.00	51.33 1.21 0.00	38.98 0.99 0.00	46.79 1.27 0.00	42.65 1.17 0.00	34.91 1.03 0.00	39.50 1.20 0.00	52.27 1.60 0.00	66.71 1.89 0.00	61.73 1.54 0.00	79.50 1.72 0.00	70.21 1.46 0.00	61.92 1.28 0.00	44.26 1.02 0.00	49.49 1.35 0.00	53.87 1.50 0.00	48.79 1.34 0.00	51.06 1.40 0.00	54.93 1.50 0.00	61.45 1.48 0.00	70.71 1.55 0.00	98.01 2.06 0.00
MALONE___115KV_TB1 356076	59.66 1.45 0.00	50.96 1.26 0.00	37.73 0.83 0.00	51.29 1.17 0.00	38.82 0.84 0.00	46.58 1.06 0.00	42.42 0.94 0.00	34.61 0.73 0.00	39.10 0.81 0.00	51.81 1.13 0.00	66.20 1.38 0.00	61.38 1.19 0.00	79.23 1.46 0.00	70.01 1.26 0.00	61.72 1.07 0.00	44.02 0.78 0.00	49.04 0.90 0.00	53.08 0.72 0.00	48.19 0.73 0.00	50.34 0.68 0.00	54.28 0.84 0.00	61.52 1.56 0.00	71.40 2.25 0.00	99.31 3.35 0.00
MAPLEWOD_115KV_TB3 80458	61.03 2.82 0.00	52.03 2.33 0.00	38.60 1.70 0.00	52.43 2.30 0.00	39.74 1.75 0.00	47.62 2.10 0.00	43.42 1.94 0.00	35.50 1.62 0.00	40.16 1.86 0.00	53.16 2.48 0.00	68.21 3.39 0.00	63.36 3.17 0.00	81.80 4.03 0.00	72.25 3.50 0.00	63.75 3.10 0.00	45.14 1.90 0.00	50.14 2.01 0.00	54.59 2.22 0.00	49.51 2.06 0.00	51.88 2.22 0.00	55.67 2.23 0.00	62.28 2.31 0.00	71.60 2.45 0.00	99.66 3.71 0.00
MAPLE_RIDGE_WT_1 323574	58.27 0.06 0.00	49.76 0.05 0.00	36.94 0.04 0.00	50.19 0.06 0.00	38.03 0.03 0.00	45.57 0.04 0.00	41.52 0.04 0.00	33.89 0.01 0.00	38.31 0.01 0.00	50.68 0.01 0.00	64.82 0.00 0.00	60.19 0.00 0.00	77.78 0.00 0.00	68.75 0.00 0.00	60.64 0.00 0.00	43.24 0.00 0.00	48.14 0.00 0.00	52.33 -0.03 0.00	47.41 -0.05 0.00	49.60 -0.06 0.00	53.38 -0.05 0.00	59.98 0.01 0.00	69.32 0.17 0.00	96.28 0.33 0.00
MAPLE_RIDGE_WT_2 323611	58.27 0.06 0.00	49.76 0.05 0.00	36.94 0.04 0.00	50.19 0.06 0.00	38.03 0.03 0.00	45.57 0.04 0.00	41.52 0.04 0.00	33.89 0.01 0.00	38.31 0.01 0.00	50.68 0.01 0.00	64.82 0.00 0.00	60.19 0.00 0.00	77.78 0.00 0.00	68.75 0.00 0.00	60.64 0.00 0.00	43.24 0.00 0.00	48.14 0.00 0.00	52.33 -0.03 0.00	47.41 -0.05 0.00	49.60 -0.06 0.00	53.38 -0.05 0.00	59.98 0.01 0.00	69.32 0.17 0.00	96.28 0.33 0.00
MARBLE_RIVER_WT_PWR 323696	58.84 0.63 0.00	50.30 0.60 0.00	37.26 0.35 0.00	50.70 0.57 0.00	38.36 0.37 0.00	46.02 0.50 0.00	41.94 0.46 0.00	34.23 0.35 0.00	38.59 0.30 0.00	51.16 0.48 0.00	65.34 0.52 0.00	60.51 0.33 0.00	78.17 0.39 0.00	69.08 0.33 0.00	60.96 0.31 0.00	43.44 0.20 0.00	48.42 0.28 0.00	52.46 0.09 0.00	47.51 0.05 0.00	49.69 0.03 0.00	53.53 0.09 0.00	60.51 0.54 0.00	70.30 1.14 0.00	97.77 1.82 0.00
MARSHVLE_115KV_TB1 80742	61.30 3.09 0.00	52.37 2.67 0.00	38.87 1.97 0.00	52.81 2.69 0.00	40.08 2.09 0.00	48.06 2.54 0.00	43.84 2.35 0.00	35.83 1.94 0.00	40.50 2.21 0.00	53.52 2.85 0.00	68.16 3.34 0.00	63.07 2.88 0.00	81.65 3.88 0.00	72.29 3.54 0.00	63.71 3.07 0.00	45.69 2.45 0.00	51.13 2.99 0.00	55.68 3.31 0.00	50.40 2.94 0.00	52.63 2.97 0.00	56.69 3.25 0.00	63.62 3.66 0.00	73.43 4.28 0.00	101.52 5.57 0.00
MARSH_HILL_WT_PWR 323713	57.34 -0.88 0.00	49.03 -0.67 0.00	36.37 -0.53 0.00	49.17 -0.96 0.00	37.48 -0.51 0.00	44.95 -0.57 0.00	40.74 -0.74 0.00	33.20 -0.68 0.00	37.51 -0.79 0.00	49.58 -1.10 0.00	62.79 -2.03 0.00	58.36 -1.83 0.00	75.37 -2.41 0.00	66.70 -2.05 0.00	59.05 -1.60 0.00	42.37 -0.88 0.00	46.89 -1.25 0.00	51.07 -1.30 0.00	46.06 -1.40 0.00	48.19 -1.47 0.00	51.99 -1.44 0.00	57.92 -2.04 0.00	66.88 -2.27 0.00	92.80 -3.15 0.00
MCINTYRE_115KV_TB2 80467	59.43 1.22 0.00	50.77 1.07 0.00	37.66 0.75 0.00	51.25 1.13 0.00	38.77 0.78 0.00	46.43 0.91 0.00	42.19 0.71 0.00	34.41 0.52 0.00	38.90 0.61 0.00	51.44 0.77 0.00	65.75 0.92 0.00	61.02 0.83 0.00	78.92 1.15 0.00	69.73 0.98 0.00	61.42 0.77 0.00	43.85 0.61 0.00	48.87 0.73 0.00	52.92 0.55 0.00	47.91 0.45 0.00	50.07 0.41 0.00	53.92 0.49 0.00	61.13 1.16 0.00	71.17 2.01 0.00	99.12 3.17 0.00
MECO_____69_KV_BK1 80468	62.39 4.17 0.00	53.21 3.51 0.00	39.49 2.58 0.00	53.63 3.50 0.00	40.70 2.71 0.00	48.81 3.29 0.00	44.54 3.06 0.00	36.46 2.58 0.00	41.28 2.99 0.00	54.60 3.92 0.00	69.69 4.86 0.00	64.43 4.24 0.00	83.39 5.62 0.00	73.77 5.02 0.00	64.75 4.11 0.00	46.42 3.18 0.00	52.09 3.96 0.00	56.79 4.43 0.00	51.42 3.97 0.00	53.77 4.11 0.00	57.85 4.41 0.00	64.77 4.80 0.00	74.57 5.42 0.00	103.13 7.18 0.00
MENANDS___115KV_TB5 355628	60.84 2.63 0.00	51.88 2.18 0.00	38.50 1.59 0.00	52.27 2.15 0.00	39.63 1.64 0.00	47.49 1.97 0.00	43.30 1.82 0.00	35.40 1.51 0.00	40.03 1.74 0.00	52.95 2.28 0.00	67.98 3.16 0.00	63.13 2.94 0.00	81.50 3.72 0.00	71.99 3.23 0.00	63.50 2.86 0.00	44.88 1.64 0.00	49.84 1.71 0.00	54.23 1.86 0.00	49.21 1.75 0.00	51.57 1.91 0.00	55.32 1.89 0.00	61.89 1.92 0.00	71.17 2.01 0.00	99.19 3.24 0.00
MG INDUSTRY___DRP 24185	60.64 2.42 0.00	51.73 2.03 0.00	38.39 1.48 0.00	52.14 2.01 0.00	39.49 1.50 0.00	47.35 1.83 0.00	43.16 1.68 0.00	35.30 1.41 0.00	39.89 1.60 0.00	52.71 2.03 0.00	67.61 2.79 0.00	62.79 2.60 0.00	81.05 3.27 0.00	71.62 2.87 0.00	63.10 2.45 0.00	44.73 1.48 0.00	49.77 1.63 0.00	54.18 1.81 0.00	49.14 1.68 0.00	51.47 1.81 0.00	55.25 1.82 0.00	61.83 1.86 0.00	71.13 1.97 0.00	99.03 3.08 0.00

MID___OSWEGATCHIE_HYD 23849	58.47 0.26 0.00	49.86 0.16 0.00	36.96 0.05 0.00	50.26 0.13 0.00	38.06 0.07 0.00	45.55 0.03 0.00	41.41 -0.07 0.00	33.84 -0.04 0.00	38.33 0.04 0.00	50.67 0.00 0.00	64.80 -0.02 0.00	60.23 0.04 0.00	77.61 -0.16 0.00	68.45 -0.30 0.00	60.28 -0.37 0.00	43.06 -0.18 0.00	48.07 -0.07 0.00	52.23 -0.14 0.00	47.31 -0.15 0.00	49.50 -0.16 0.00	53.25 -0.19 0.00	60.05 0.08 0.00	69.56 0.41 0.00	96.78 0.83 0.00
MID___RAQUETTE_HYD 23851	58.07 -0.15 0.00	49.61 -0.09 0.00	36.78 -0.12 0.00	50.04 -0.09 0.00	37.86 -0.13 0.00	45.24 -0.28 0.00	41.05 -0.43 0.00	33.48 -0.40 0.00	37.86 -0.44 0.00	50.08 -0.60 0.00	64.18 -0.65 0.00	59.70 -0.49 0.00	77.15 -0.63 0.00	68.14 -0.61 0.00	60.02 -0.62 0.00	42.74 -0.50 0.00	47.51 -0.63 0.00	51.47 -0.90 0.00	46.63 -0.83 0.00	48.73 -0.93 0.00	52.48 -0.95 0.00	59.49 -0.48 0.00	69.34 0.19 0.00	96.76 0.81 0.00
MILLIKEN___1 23584	58.70 0.48 0.00	50.09 0.38 0.00	37.18 0.28 0.00	50.40 0.27 0.00	38.27 0.28 0.00	45.92 0.40 0.00	41.82 0.34 0.00	34.22 0.33 0.00	38.68 0.38 0.00	51.19 0.52 0.00	65.31 0.48 0.00	60.64 0.46 0.00	78.33 0.56 0.00	69.24 0.49 0.00	61.13 0.48 0.00	43.66 0.42 0.00	48.63 0.49 0.00	52.98 0.61 0.00	47.95 0.49 0.00	50.16 0.51 0.00	53.94 0.51 0.00	60.25 0.28 0.00	69.34 0.19 0.00	96.15 0.19 0.00
MILLIKEN___2 23585	58.70 0.48 0.00	50.09 0.38 0.00	37.18 0.28 0.00	50.40 0.27 0.00	38.27 0.28 0.00	45.92 0.40 0.00	41.82 0.34 0.00	34.22 0.33 0.00	38.68 0.38 0.00	51.19 0.52 0.00	65.31 0.48 0.00	60.64 0.46 0.00	78.33 0.56 0.00	69.24 0.49 0.00	61.13 0.48 0.00	43.66 0.42 0.00	48.63 0.49 0.00	52.98 0.61 0.00	47.95 0.49 0.00	50.16 0.51 0.00	53.94 0.51 0.00	60.25 0.28 0.00	69.34 0.19 0.00	96.15 0.19 0.00
MILLIKEN___DIESEL 23629	58.70 0.48 0.00	50.09 0.38 0.00	37.18 0.28 0.00	50.40 0.27 0.00	38.27 0.28 0.00	45.92 0.40 0.00	41.82 0.34 0.00	34.22 0.33 0.00	38.68 0.38 0.00	51.19 0.52 0.00	65.31 0.48 0.00	60.64 0.46 0.00	78.33 0.56 0.00	69.24 0.49 0.00	61.13 0.48 0.00	43.66 0.42 0.00	48.63 0.49 0.00	52.98 0.61 0.00	47.95 0.49 0.00	50.16 0.51 0.00	53.94 0.51 0.00	60.25 0.28 0.00	69.34 0.19 0.00	96.15 0.19 0.00
MILLSEAT___LFGE 323607	54.93 -3.28 0.00	47.13 -2.58 0.00	34.94 -1.96 0.00	47.23 -2.90 0.00	36.02 -1.96 0.00	43.17 -2.35 0.00	39.03 -2.45 0.00	31.38 -2.50 0.00	35.46 -2.84 0.00	46.82 -3.86 0.00	59.25 -5.58 0.00	55.10 -5.08 0.00	71.21 -6.57 0.00	62.94 -5.81 0.00	55.71 -4.93 0.00	40.14 -3.10 0.00	44.27 -3.87 0.00	47.88 -4.49 0.00	42.97 -4.49 0.00	44.91 -4.75 0.00	48.89 -4.55 0.00	54.32 -5.65 0.00	63.12 -6.03 0.00	87.98 -7.97 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	60.77 2.55 0.00	51.93 2.22 0.00	38.58 1.68 0.00	52.24 2.11 0.00	39.62 1.64 0.00	47.51 1.99 0.00	43.41 1.93 0.00	35.48 1.60 0.00	40.15 1.85 0.00	53.17 2.50 0.00	68.15 3.33 0.00	63.24 3.06 0.00	81.51 3.74 0.00	72.08 3.33 0.00	63.76 3.12 0.00	45.71 2.47 0.00	50.89 2.75 0.00	55.61 3.24 0.00	50.56 3.10 0.00	52.88 3.22 0.00	56.77 3.34 0.00	63.21 3.24 0.00	72.43 3.28 0.00	100.13 4.18 0.00
MILLWOOD_13_KV_LOAD 356217	60.85 2.64 0.00	52.00 2.30 0.00	38.64 1.73 0.00	52.31 2.18 0.00	39.67 1.69 0.00	47.58 2.06 0.00	43.47 1.99 0.00	35.53 1.65 0.00	40.21 1.91 0.00	53.26 2.59 0.00	68.26 3.43 0.00	63.32 3.14 0.00	81.63 3.85 0.00	72.17 3.42 0.00	63.86 3.21 0.00	45.78 2.54 0.00	50.97 2.83 0.00	55.70 3.33 0.00	50.64 3.19 0.00	52.96 3.30 0.00	56.85 3.42 0.00	63.31 3.34 0.00	72.55 3.39 0.00	100.29 4.34 0.00
MODEL_CITY_ENERGY 24167	53.23 -4.98 0.00	45.76 -3.94 0.00	33.95 -2.96 0.00	45.88 -4.25 0.00	35.02 -2.97 0.00	41.92 -3.60 0.00	37.80 -3.68 0.00	30.26 -3.62 0.00	34.13 -4.17 0.00	45.00 -5.68 0.00	56.81 -8.02 0.00	52.80 -7.38 0.00	68.28 -9.50 0.00	60.37 -8.37 0.00	53.44 -7.20 0.00	38.54 -4.70 0.00	42.41 -5.73 0.00	45.80 -6.57 0.00	41.05 -6.41 0.00	42.88 -6.77 0.00	46.80 -6.63 0.00	52.04 -7.92 0.00	60.63 -8.53 0.00	84.80 -11.15 0.00
MODERN_LFGE___ 323580	53.23 -4.98 0.00	45.76 -3.94 0.00	33.95 -2.96 0.00	45.88 -4.25 0.00	35.02 -2.97 0.00	41.92 -3.60 0.00	37.80 -3.68 0.00	30.26 -3.62 0.00	34.13 -4.17 0.00	45.00 -5.68 0.00	56.81 -8.02 0.00	52.80 -7.38 0.00	68.28 -9.50 0.00	60.37 -8.37 0.00	53.44 -7.20 0.00	38.54 -4.70 0.00	42.41 -5.73 0.00	45.80 -6.57 0.00	41.05 -6.41 0.00	42.88 -6.77 0.00	46.80 -6.63 0.00	52.04 -7.92 0.00	60.63 -8.53 0.00	84.80 -11.15 0.00
MOHAWK_PAPER___DRP 24187	61.03 2.82 0.00	52.03 2.33 0.00	38.60 1.70 0.00	52.43 2.30 0.00	39.74 1.75 0.00	47.62 2.10 0.00	43.42 1.94 0.00	35.50 1.62 0.00	40.16 1.86 0.00	53.16 2.48 0.00	68.21 3.39 0.00	63.36 3.17 0.00	81.80 4.03 0.00	72.25 3.50 0.00	63.75 3.10 0.00	45.14 1.90 0.00	50.14 2.01 0.00	54.59 2.22 0.00	49.51 2.06 0.00	51.88 2.22 0.00	55.67 2.23 0.00	62.28 2.31 0.00	71.60 2.45 0.00	99.66 3.71 0.00
MOHICAN___35_KV_115KV_LD 80490	62.62 4.41 0.00	53.14 3.44 0.00	39.41 2.50 0.00	53.51 3.39 0.00	40.56 2.58 0.00	48.65 3.13 0.00	44.31 2.84 0.00	36.37 2.49 0.00	41.22 2.93 0.00	54.63 3.95 0.00	70.03 5.20 0.00	64.94 4.75 0.00	83.73 5.95 0.00	73.88 5.12 0.00	65.41 4.77 0.00	46.67 3.43 0.00	51.99 3.85 0.00	56.62 4.25 0.00	51.34 3.88 0.00	53.81 4.15 0.00	57.74 4.30 0.00	64.50 4.54 0.00	73.96 4.81 0.00	102.53 6.58 0.00
MONGAUP___HYD 23641	61.27 3.06 0.00	52.30 2.60 0.00	38.82 1.92 0.00	52.57 2.44 0.00	39.88 1.89 0.00	47.84 2.32 0.00	43.69 2.21 0.00	35.76 1.87 0.00	40.47 2.18 0.00	53.61 2.93 0.00	68.65 3.82 0.00	63.63 3.45 0.00	81.68 3.91 0.00	71.72 2.97 0.00	63.37 2.73 0.00	45.58 2.34 0.00	51.15 3.01 0.00	56.01 3.64 0.00	50.87 3.41 0.00	53.17 3.51 0.00	57.13 3.69 0.00	63.69 3.72 0.00	73.06 3.91 0.00	100.96 5.01 0.00
MONTAUK___DIESEL 23721	63.63 5.41 0.00	54.14 4.44 0.00	40.57 3.66 0.00	54.56 4.43 0.00	40.74 2.75 0.00	48.75 3.23 0.00	44.31 2.83 0.00	36.44 2.56 0.00	41.62 3.32 0.00	55.50 4.83 0.00	72.34 7.52 0.00	67.13 6.94 0.00	86.10 8.32 0.00	75.79 7.04 0.00	67.67 7.03 0.00	49.14 5.90 0.00	75.67 6.91 -20.61	104.84 8.09 -44.38	105.17 7.51 -50.20	113.07 7.80 -55.61	104.85 8.14 -43.28	68.14 8.17 -0.01	80.16 8.47 -2.54	106.96 11.01 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	57.16 -1.05 0.00	49.02 -0.69 0.00	36.30 -0.60 0.00	49.10 -1.03 0.00	37.44 -0.55 0.00	44.88 -0.64 0.00	40.57 -0.91 0.00	32.67 -1.21 0.00	36.88 -1.42 0.00	48.79 -1.88 0.00	61.83 -3.00 0.00	57.53 -2.66 0.00	74.33 -3.44 0.00	65.73 -3.02 0.00	58.17 -2.48 0.00	41.91 -1.33 0.00	46.19 -1.95 0.00	50.01 -2.36 0.00	44.93 -2.53 0.00	46.99 -2.67 0.00	51.03 -2.40 0.00	56.70 -3.27 0.00	65.94 -3.22 0.00	91.85 -4.10 0.00

MORRIS RIDGE___SOLAR 323848	56.07 -2.14 0.00	48.03 -1.68 0.00	35.62 -1.29 0.00	48.17 -1.96 0.00	36.69 -1.30 0.00	44.01 -1.51 0.00	39.84 -1.63 0.00	32.30 -1.58 0.00	36.43 -1.86 0.00	48.11 -2.56 0.00	60.94 -3.88 0.00	56.66 -3.52 0.00	73.17 -4.60 0.00	64.77 -3.98 0.00	57.36 -3.28 0.00	41.20 -2.04 0.00	45.60 -2.55 0.00	49.51 -2.86 0.00	44.60 -2.86 0.00	46.67 -2.99 0.00	50.45 -2.98 0.00	56.20 -3.76 0.00	65.04 -4.11 0.00	90.43 -5.52 0.00
MORTIMER_115KV_TB3 55949	55.40 -2.81 0.00	47.46 -2.24 0.00	35.19 -1.72 0.00	47.65 -2.48 0.00	36.27 -1.72 0.00	43.47 -2.05 0.00	39.45 -2.03 0.00	31.94 -1.94 0.00	36.06 -2.24 0.00	47.66 -3.01 0.00	60.64 -4.18 0.00	56.40 -3.79 0.00	72.91 -4.87 0.00	64.46 -4.29 0.00	56.99 -3.66 0.00	40.89 -2.36 0.00	45.28 -2.86 0.00	49.08 -3.29 0.00	44.21 -3.25 0.00	46.21 -3.45 0.00	50.01 -3.42 0.00	55.75 -4.22 0.00	64.58 -4.57 0.00	89.84 -6.11 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	60.99 2.78 0.00	52.15 2.44 0.00	38.75 1.85 0.00	52.44 2.31 0.00	39.77 1.78 0.00	47.70 2.18 0.00	43.62 2.14 0.00	35.64 1.75 0.00	40.33 2.03 0.00	53.43 2.76 0.00	68.48 3.66 0.00	63.53 3.35 0.00	81.90 4.12 0.00	72.44 3.69 0.00	64.12 3.47 0.00	46.04 2.80 0.00	51.23 3.09 0.00	55.93 3.57 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.09 3.66 0.00	63.51 3.54 0.00	72.70 3.55 0.00	100.51 4.56 0.00
MUNSVILLE_WIND_PWR 323609	63.92 5.70 0.00	54.37 4.66 0.00	40.35 3.44 0.00	54.61 4.48 0.00	41.46 3.47 0.00	49.83 4.31 0.00	45.43 3.95 0.00	37.30 3.42 0.00	42.32 4.02 0.00	55.98 5.30 0.00	71.34 6.52 0.00	66.21 6.02 0.00	85.39 7.61 0.00	75.27 6.52 0.00	66.30 5.65 0.00	47.63 4.38 0.00	53.28 5.14 0.00	58.12 5.76 0.00	52.53 5.07 0.00	54.94 5.28 0.00	59.17 5.74 0.00	65.96 6.00 0.00	75.81 6.65 0.00	104.90 8.95 0.00
N SALMON___HYD 24042	59.66 1.45 0.00	50.96 1.26 0.00	37.73 0.83 0.00	51.29 1.17 0.00	38.82 0.84 0.00	46.58 1.06 0.00	42.42 0.94 0.00	34.61 0.73 0.00	39.10 0.81 0.00	51.80 1.13 0.00	66.20 1.38 0.00	61.38 1.19 0.00	79.23 1.46 0.00	70.00 1.26 0.00	61.72 1.07 0.00	44.02 0.78 0.00	49.04 0.90 0.00	53.08 0.71 0.00	48.19 0.73 0.00	50.34 0.68 0.00	54.28 0.84 0.00	61.52 1.56 0.00	71.40 2.25 0.00	99.30 3.35 0.00
N.AKRON__115KV_KNAPP 355671	54.59 -3.62 0.00	46.86 -2.84 0.00	34.74 -2.16 0.00	46.97 -3.16 0.00	35.82 -2.17 0.00	42.93 -2.59 0.00	38.79 -2.69 0.00	31.16 -2.72 0.00	35.19 -3.11 0.00	46.42 -4.25 0.00	58.72 -6.11 0.00	54.61 -5.57 0.00	70.59 -7.19 0.00	62.40 -6.35 0.00	55.22 -5.42 0.00	39.80 -3.44 0.00	43.87 -4.27 0.00	47.39 -4.97 0.00	42.52 -4.94 0.00	44.44 -5.21 0.00	48.41 -5.02 0.00	53.80 -6.17 0.00	62.59 -6.56 0.00	87.27 -8.68 0.00
N.BELMOR_69_KV_BK1 55787	61.87 3.66 0.00	52.89 3.18 0.00	39.31 2.41 0.00	53.13 3.00 0.00	40.27 2.28 0.00	48.30 2.78 0.00	44.03 2.55 0.00	36.05 2.16 0.00	40.84 2.54 0.00	54.26 3.59 0.00	69.72 4.90 0.00	64.56 4.37 0.00	82.94 5.16 0.00	73.33 4.58 0.00	65.24 4.60 0.00	46.87 3.62 0.00	78.25 3.95 -26.17	114.52 4.58 -57.57	118.66 4.43 -66.77	128.32 4.70 -73.96	115.88 4.89 -57.56	64.88 4.90 -0.01	77.71 5.19 -3.37	102.58 6.63 0.00
N.E_GEN_SANDY PD 24062	67.49 3.00 -6.28	64.57 2.51 -12.36	49.83 1.86 -11.06	58.98 2.47 -6.39	48.33 1.88 -8.46	51.31 2.26 -3.52	44.27 2.10 -0.69	46.71 1.74 -11.09	62.41 2.00 -22.10	55.66 2.68 -2.31	72.90 3.61 -4.47	64.18 3.35 -0.65	81.96 4.18 0.00	72.40 3.65 0.00	76.73 3.37 -12.71	70.19 2.42 -24.54	89.54 2.62 -38.78	74.77 2.96 -19.44	80.20 2.80 -29.95	75.23 2.96 -22.60	68.26 3.04 -11.78	67.08 3.10 -4.01	74.57 3.26 -2.16	140.43 4.44 -40.04
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	60.37 2.16 0.00	51.60 1.90 0.00	38.34 1.43 0.00	51.90 1.78 0.00	39.37 1.38 0.00	47.23 1.71 0.00	43.14 1.66 0.00	35.26 1.38 0.00	39.89 1.59 0.00	52.82 2.14 0.00	67.67 2.85 0.00	62.78 2.59 0.00	80.90 3.12 0.00	71.53 2.77 0.00	63.30 2.65 0.00	45.39 2.15 0.00	50.53 2.39 0.00	55.24 2.87 0.00	50.25 2.79 0.00	52.53 2.87 0.00	56.40 2.97 0.00	62.81 2.84 0.00	71.98 2.82 0.00	99.49 3.53 0.00
N.QUEENS_27_KV_LOAD 356247	61.02 2.81 0.00	52.22 2.52 0.00	38.88 1.97 0.00	52.61 2.49 0.00	39.91 1.92 0.00	47.83 2.31 0.00	43.89 2.40 0.00	35.68 1.80 0.00	40.37 2.08 0.00	53.49 2.82 0.00	68.66 3.83 0.00	63.69 3.50 0.00	82.16 4.39 0.00	72.72 3.97 0.00	64.32 3.68 0.00	46.20 2.96 0.00	51.51 3.31 -0.07	56.18 3.73 -0.08	51.07 3.61 0.00	53.41 3.76 0.00	57.22 3.79 0.00	63.53 3.57 0.00	72.90 3.75 0.00	100.98 5.02 0.00
N.TROY___115KV_TB1 355778	61.16 2.95 0.00	52.06 2.36 0.00	38.64 1.73 0.00	52.46 2.34 0.00	39.77 1.78 0.00	47.65 2.13 0.00	43.44 1.96 0.00	35.53 1.64 0.00	40.18 1.89 0.00	53.18 2.51 0.00	68.27 3.44 0.00	63.38 3.19 0.00	81.80 4.03 0.00	72.22 3.47 0.00	63.82 3.18 0.00	45.38 2.14 0.00	50.45 2.31 0.00	54.93 2.56 0.00	49.84 2.39 0.00	52.23 2.57 0.00	56.06 2.62 0.00	62.67 2.70 0.00	72.03 2.87 0.00	100.01 4.06 0.00
NARROWS_GT1_1 24228	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT1_2 24229	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT1_3 24230	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT1_4 24231	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00

NARROWS_GT1_5 24232	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT1_6 24233	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT1_7 24234	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT1_8 24235	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT2_1 24236	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT2_2 24237	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT2_3 24238	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT2_4 24239	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT2_5 24240	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT2_6 24241	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT2_7 24242	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NARROWS_GT2_8 24243	61.25 3.03 0.00	52.49 2.79 0.00	39.02 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.82 1.94 0.00	40.55 2.25 0.00	53.68 3.00 0.00	68.80 3.98 0.00	63.89 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.19 -2.42	51.61 3.47 0.00	56.30 3.93 0.00	51.25 3.79 0.00	53.52 3.86 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.03 3.87 0.00	100.97 5.02 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	62.72 4.50 0.00	53.40 3.70 0.00	39.61 2.70 0.00	53.80 3.67 0.00	40.77 2.78 0.00	48.93 3.40 0.00	44.64 3.16 0.00	36.58 2.70 0.00	41.42 3.12 0.00	54.65 3.98 0.00	70.02 5.19 0.00	65.00 4.81 0.00	83.55 5.78 0.00	73.55 4.79 0.00	64.80 4.15 0.00	46.02 2.78 0.00	51.50 3.36 0.00	56.14 3.77 0.00	50.89 3.43 0.00	53.28 3.62 0.00	57.15 3.71 0.00	63.91 3.95 0.00	73.46 4.31 0.00	102.31 6.36 0.00
NCHELSEA_115KV_TR2 355582	61.68 3.47 0.00	52.66 2.96 0.00	39.11 2.21 0.00	52.96 2.83 0.00	40.16 2.17 0.00	48.19 2.67 0.00	44.02 2.54 0.00	36.00 2.12 0.00	40.76 2.46 0.00	54.01 3.33 0.00	69.14 4.31 0.00	64.12 3.94 0.00	82.64 4.86 0.00	73.02 4.27 0.00	64.60 3.96 0.00	46.33 3.09 0.00	51.64 3.50 0.00	56.44 4.07 0.00	51.28 3.83 0.00	53.62 3.97 0.00	57.59 4.16 0.00	64.18 4.21 0.00	73.53 4.38 0.00	101.65 5.70 0.00
NEG CAPITAL___MECHNVIL 23645	61.98 3.76 0.00	52.71 3.01 0.00	39.11 2.21 0.00	53.12 3.00 0.00	40.27 2.28 0.00	48.28 2.75 0.00	44.02 2.54 0.00	36.03 2.15 0.00	40.81 2.51 0.00	54.04 3.36 0.00	69.30 4.47 0.00	64.35 4.16 0.00	83.04 5.26 0.00	73.29 4.54 0.00	64.74 4.09 0.00	46.15 2.91 0.00	51.32 3.18 0.00	55.94 3.57 0.00	50.71 3.25 0.00	53.13 3.47 0.00	57.07 3.64 0.00	63.79 3.82 0.00	73.23 4.08 0.00	101.56 5.61 0.00

NEG CENTRAL_HIGH_ACRES 23767	54.91 -3.30 0.00	46.99 -2.71 0.00	34.86 -2.04 0.00	47.22 -2.90 0.00	35.93 -2.06 0.00	43.08 -2.44 0.00	39.13 -2.35 0.00	31.76 -2.12 0.00	35.90 -2.40 0.00	47.49 -3.18 0.00	60.47 -4.35 0.00	56.20 -3.99 0.00	72.67 -5.10 0.00	64.22 -4.54 0.00	56.75 -3.89 0.00	40.68 -2.56 0.00	45.10 -3.04 0.00	48.93 -3.44 0.00	44.11 -3.35 0.00	46.11 -3.54 0.00	49.82 -3.61 0.00	55.55 -4.41 0.00	64.27 -4.89 0.00	89.35 -6.60 0.00
NEG CENTRAL___DRP 24199	57.22 -1.00 0.00	48.87 -0.83 0.00	36.35 -0.56 0.00	49.14 -0.98 0.00	37.42 -0.57 0.00	44.84 -0.68 0.00	40.81 -0.67 0.00	33.40 -0.48 0.00	37.69 -0.61 0.00	49.76 -0.91 0.00	63.42 -1.40 0.00	58.92 -1.26 0.00	76.14 -1.63 0.00	67.32 -1.43 0.00	59.45 -1.19 0.00	42.54 -0.70 0.00	47.26 -0.88 0.00	51.45 -0.92 0.00	46.51 -0.95 0.00	48.65 -1.01 0.00	52.35 -1.08 0.00	58.46 -1.51 0.00	67.34 -1.82 0.00	93.32 -2.62 0.00
NEG CENTRAL___INDECK 23768	56.04 -2.17 0.00	47.93 -1.77 0.00	35.54 -1.36 0.00	48.12 -2.01 0.00	36.64 -1.34 0.00	43.97 -1.55 0.00	39.92 -1.56 0.00	32.40 -1.48 0.00	36.65 -1.64 0.00	48.44 -2.23 0.00	61.42 -3.40 0.00	57.07 -3.12 0.00	73.69 -4.09 0.00	65.13 -3.63 0.00	57.63 -3.01 0.00	41.48 -1.77 0.00	45.98 -2.16 0.00	49.98 -2.39 0.00	45.00 -2.46 0.00	47.03 -2.63 0.00	50.87 -2.56 0.00	56.59 -3.38 0.00	65.31 -3.85 0.00	90.55 -5.40 0.00
NEG CENTRAL___SENECA 23627	57.18 -1.03 0.00	48.83 -0.87 0.00	36.35 -0.56 0.00	49.06 -1.07 0.00	37.43 -0.56 0.00	44.81 -0.71 0.00	40.77 -0.71 0.00	33.39 -0.49 0.00	37.67 -0.62 0.00	49.69 -0.99 0.00	63.23 -1.59 0.00	58.77 -1.41 0.00	75.96 -1.82 0.00	67.18 -1.57 0.00	59.35 -1.29 0.00	42.50 -0.75 0.00	47.15 -0.99 0.00	51.32 -1.05 0.00	46.35 -1.10 0.00	48.50 -1.15 0.00	52.21 -1.22 0.00	58.23 -1.74 0.00	67.12 -2.04 0.00	92.97 -2.98 0.00
NEG CENTRAL___STATE_STREET 24147	57.75 -0.46 0.00	49.29 -0.41 0.00	36.62 -0.29 0.00	49.62 -0.51 0.00	37.71 -0.28 0.00	45.21 -0.31 0.00	41.17 -0.31 0.00	33.68 -0.20 0.00	38.05 -0.25 0.00	50.23 -0.44 0.00	64.04 -0.78 0.00	59.49 -0.69 0.00	76.86 -0.92 0.00	67.93 -0.82 0.00	59.97 -0.68 0.00	42.86 -0.38 0.00	47.71 -0.43 0.00	51.95 -0.42 0.00	47.01 -0.45 0.00	49.17 -0.49 0.00	52.89 -0.54 0.00	59.12 -0.84 0.00	68.07 -1.09 0.00	94.40 -1.55 0.00
NEG MILLWOOD___DRP 24198	61.81 3.60 0.00	52.78 3.08 0.00	39.20 2.29 0.00	53.09 2.96 0.00	40.26 2.28 0.00	48.29 2.76 0.00	44.14 2.65 0.00	36.09 2.21 0.00	40.87 2.57 0.00	54.17 3.49 0.00	69.35 4.52 0.00	64.31 4.12 0.00	82.93 5.15 0.00	73.31 4.56 0.00	64.84 4.20 0.00	46.51 3.26 0.00	51.82 3.69 0.00	56.64 4.27 0.00	51.48 4.02 0.00	53.82 4.17 0.00	57.81 4.38 0.00	64.40 4.43 0.00	73.77 4.62 0.00	101.97 6.01 0.00
NEG NORTH_FLCN_SEA 23793	59.32 1.11 0.00	50.66 0.95 0.00	37.46 0.55 0.00	51.00 0.87 0.00	38.59 0.61 0.00	46.34 0.82 0.00	42.25 0.77 0.00	34.54 0.65 0.00	38.84 0.55 0.00	51.66 0.99 0.00	65.91 1.08 0.00	60.90 0.72 0.00	78.58 0.80 0.00	69.43 0.68 0.00	61.33 0.68 0.00	43.63 0.39 0.00	48.66 0.52 0.00	52.68 0.31 0.00	47.76 0.31 0.00	49.92 0.26 0.00	53.77 0.34 0.00	60.78 0.82 0.00	70.70 1.55 0.00	98.27 2.32 0.00
NEG NORTH_KES_CHATEGAY 23792	58.99 0.78 0.00	50.44 0.74 0.00	37.35 0.45 0.00	50.80 0.67 0.00	38.44 0.45 0.00	46.12 0.60 0.00	42.03 0.55 0.00	34.30 0.42 0.00	38.71 0.42 0.00	51.25 0.58 0.00	65.48 0.65 0.00	60.65 0.46 0.00	78.33 0.55 0.00	69.24 0.49 0.00	61.08 0.44 0.00	43.56 0.31 0.00	48.55 0.41 0.00	52.58 0.21 0.00	47.64 0.19 0.00	49.82 0.17 0.00	53.68 0.25 0.00	60.75 0.78 0.00	70.56 1.40 0.00	98.11 2.16 0.00
NEG NORTH___ALICE_FALLS 23915	59.89 1.67 0.00	51.15 1.45 0.00	37.83 0.92 0.00	51.46 1.33 0.00	38.95 0.96 0.00	46.76 1.24 0.00	42.64 1.17 0.00	34.86 0.98 0.00	39.28 0.98 0.00	52.17 1.50 0.00	66.60 1.77 0.00	61.58 1.40 0.00	79.44 1.66 0.00	70.20 1.44 0.00	61.98 1.34 0.00	44.16 0.91 0.00	49.26 1.12 0.00	53.31 0.94 0.00	48.38 0.92 0.00	50.53 0.87 0.00	54.45 1.02 0.00	61.59 1.63 0.00	71.52 2.37 0.00	99.39 3.43 0.00
NEG NORTH___LWR_SARANAC 23913	59.89 1.67 0.00	51.15 1.45 0.00	37.83 0.92 0.00	51.46 1.33 0.00	38.95 0.96 0.00	46.76 1.24 0.00	42.64 1.17 0.00	34.86 0.98 0.00	39.28 0.98 0.00	52.17 1.50 0.00	66.60 1.77 0.00	61.58 1.40 0.00	79.44 1.66 0.00	70.20 1.44 0.00	61.98 1.34 0.00	44.16 0.91 0.00	49.26 1.12 0.00	53.31 0.94 0.00	48.38 0.92 0.00	50.53 0.87 0.00	54.45 1.02 0.00	61.59 1.63 0.00	71.52 2.37 0.00	99.39 3.43 0.00
NEG NORTH___PLATTSBURG 23628	59.89 1.67 0.00	51.15 1.45 0.00	37.83 0.93 0.00	51.46 1.34 0.00	38.95 0.96 0.00	46.76 1.24 0.00	42.64 1.17 0.00	34.86 0.98 0.00	39.28 0.98 0.00	52.18 1.50 0.00	66.59 1.77 0.00	61.58 1.39 0.00	79.44 1.66 0.00	70.20 1.44 0.00	61.98 1.34 0.00	44.15 0.91 0.00	49.26 1.13 0.00	53.31 0.94 0.00	48.38 0.92 0.00	50.53 0.88 0.00	54.45 1.02 0.00	61.60 1.63 0.00	71.52 2.37 0.00	99.39 3.44 0.00
NEG WEST_LEA_LOCKPORT 23791	53.50 -4.72 0.00	45.99 -3.71 0.00	34.10 -2.80 0.00	46.10 -4.03 0.00	35.18 -2.81 0.00	42.13 -3.40 0.00	38.00 -3.48 0.00	30.47 -3.42 0.00	34.35 -3.95 0.00	45.28 -5.39 0.00	57.24 -7.59 0.00	53.24 -6.95 0.00	68.85 -8.93 0.00	60.89 -7.86 0.00	53.88 -6.77 0.00	38.86 -4.38 0.00	42.78 -5.36 0.00	46.16 -6.21 0.00	41.39 -6.07 0.00	43.27 -6.38 0.00	47.19 -6.25 0.00	52.46 -7.51 0.00	61.11 -8.05 0.00	85.31 -10.64 0.00
NEG WEST___LANCASTR 23811	56.45 -1.76 0.00	48.42 -1.28 0.00	35.88 -1.02 0.00	48.56 -1.57 0.00	37.00 -0.98 0.00	44.35 -1.17 0.00	40.06 -1.42 0.00	32.19 -1.70 0.00	36.30 -2.00 0.00	47.98 -2.69 0.00	60.87 -3.96 0.00	56.76 -3.42 0.00	73.41 -4.36 0.00	64.93 -3.82 0.00	57.45 -3.19 0.00	41.35 -1.89 0.00	45.56 -2.58 0.00	49.19 -3.18 0.00	44.23 -3.23 0.00	46.27 -3.39 0.00	50.21 -3.23 0.00	55.87 -4.10 0.00	64.96 -4.19 0.00	90.59 -5.36 0.00
NEG_PENN_ALLEGHNY 23528	57.98 -0.23 0.00	49.49 -0.21 0.00	36.72 -0.19 0.00	49.78 -0.35 0.00	37.78 -0.21 0.00	45.34 -0.18 0.00	41.23 -0.25 0.00	33.69 -0.19 0.00	38.08 -0.22 0.00	50.47 -0.20 0.00	64.39 -0.44 0.00	59.87 -0.32 0.00	77.38 -0.39 0.00	68.43 -0.32 0.00	60.40 -0.25 0.00	43.10 -0.14 0.00	47.89 -0.25 0.00	52.16 -0.21 0.00	47.23 -0.22 0.00	49.43 -0.23 0.00	53.15 -0.28 0.00	59.38 -0.59 0.00	68.34 -0.82 0.00	94.83 -1.12 0.00
NEG___GEN_MONROE 24207	55.67 -2.54 0.00	47.69 -2.01 0.00	35.37 -1.54 0.00	47.86 -2.27 0.00	36.46 -1.53 0.00	43.69 -1.83 0.00	39.62 -1.86 0.00	32.07 -1.81 0.00	36.22 -2.08 0.00	47.87 -2.80 0.00	60.85 -3.97 0.00	56.58 -3.61 0.00	73.16 -4.62 0.00	64.68 -4.07 0.00	57.17 -3.48 0.00	41.04 -2.20 0.00	45.44 -2.70 0.00	49.25 -3.12 0.00	44.32 -3.14 0.00	46.33 -3.33 0.00	50.18 -3.25 0.00	55.90 -4.07 0.00	64.78 -4.37 0.00	90.11 -5.84 0.00

NEPA__ENERGY 23901	55.72 -2.49 0.00	47.82 -1.89 0.00	35.43 -1.48 0.00	47.92 -2.21 0.00	36.54 -1.45 0.00	43.78 -1.75 0.00	39.55 -1.93 0.00	31.80 -2.08 0.00	35.87 -2.43 0.00	47.37 -3.30 0.00	59.99 -4.84 0.00	55.82 -4.37 0.00	72.16 -5.61 0.00	63.81 -4.94 0.00	56.49 -4.15 0.00	40.71 -2.53 0.00	44.87 -3.27 0.00	48.52 -3.85 0.00	43.57 -3.89 0.00	45.56 -4.10 0.00	49.53 -3.91 0.00	55.07 -4.90 0.00	64.10 -5.06 0.00	89.39 -6.55 0.00
NEVERSINK__HYD 23608	60.81 2.60 0.00	52.10 2.39 0.00	38.68 1.77 0.00	52.39 2.27 0.00	39.73 1.74 0.00	47.69 2.17 0.00	43.56 2.08 0.00	35.64 1.76 0.00	40.37 2.07 0.00	53.46 2.79 0.00	68.27 3.44 0.00	63.22 3.03 0.00	81.34 3.56 0.00	71.80 3.04 0.00	63.57 2.92 0.00	45.74 2.49 0.00	51.16 3.02 0.00	55.95 3.58 0.00	50.79 3.34 0.00	53.11 3.45 0.00	57.06 3.63 0.00	63.60 3.63 0.00	72.91 3.75 0.00	100.70 4.75 0.00
NEWKRMKL_115KV_TB1 55635	60.73 2.52 0.00	51.79 2.09 0.00	38.43 1.52 0.00	52.19 2.06 0.00	39.56 1.57 0.00	47.41 1.89 0.00	43.23 1.75 0.00	35.34 1.46 0.00	39.97 1.68 0.00	52.88 2.21 0.00	67.86 3.03 0.00	63.03 2.84 0.00	81.36 3.59 0.00	71.86 3.11 0.00	63.34 2.69 0.00	44.66 1.42 0.00	49.61 1.47 0.00	53.98 1.61 0.00	48.98 1.53 0.00	51.30 1.64 0.00	55.05 1.62 0.00	61.57 1.61 0.00	70.85 1.69 0.00	98.93 2.97 0.00
NEWTON__FALLS_HYD 23847	58.47 0.26 0.00	49.86 0.16 0.00	36.96 0.05 0.00	50.26 0.13 0.00	38.06 0.07 0.00	45.55 0.03 0.00	41.41 -0.07 0.00	33.84 -0.04 0.00	38.33 0.04 0.00	50.67 0.00 0.00	64.80 -0.02 0.00	60.23 0.04 0.00	77.61 -0.16 0.00	68.45 -0.30 0.00	60.28 -0.37 0.00	43.06 -0.18 0.00	48.07 -0.07 0.00	52.23 -0.14 0.00	47.31 -0.15 0.00	49.50 -0.16 0.00	53.25 -0.19 0.00	60.05 0.08 0.00	69.56 0.41 0.00	96.78 0.83 0.00
NGRID_A1_DSASP 323792	52.77 -5.45 0.00	45.39 -4.31 0.00	33.66 -3.24 0.00	45.52 -4.61 0.00	34.73 -3.26 0.00	41.59 -3.94 0.00	37.51 -3.96 0.00	29.99 -3.89 0.00	33.82 -4.48 0.00	44.57 -6.10 0.00	56.41 -8.42 0.00	52.47 -7.71 0.00	67.91 -9.87 0.00	60.00 -8.75 0.00	53.13 -7.52 0.00	38.31 -4.93 0.00	42.19 -5.94 0.00	45.54 -6.83 0.00	40.80 -6.66 0.00	42.64 -7.02 0.00	46.50 -6.94 0.00	51.71 -8.26 0.00	60.35 -8.81 0.00	84.50 -11.45 0.00
NGRID_A2_DSASP 323793	52.77 -5.45 0.00	45.39 -4.31 0.00	33.66 -3.24 0.00	45.52 -4.61 0.00	34.73 -3.26 0.00	41.59 -3.94 0.00	37.51 -3.96 0.00	29.99 -3.89 0.00	33.82 -4.48 0.00	44.57 -6.10 0.00	56.41 -8.42 0.00	52.47 -7.71 0.00	67.91 -9.87 0.00	60.00 -8.75 0.00	53.13 -7.52 0.00	38.31 -4.93 0.00	42.19 -5.94 0.00	45.54 -6.83 0.00	40.80 -6.66 0.00	42.64 -7.02 0.00	46.50 -6.94 0.00	51.71 -8.26 0.00	60.35 -8.81 0.00	84.50 -11.45 0.00
NGRID_A4_DSASP 323807	52.77 -5.45 0.00	45.39 -4.31 0.00	33.66 -3.24 0.00	45.52 -4.61 0.00	34.73 -3.26 0.00	41.59 -3.94 0.00	37.51 -3.96 0.00	29.99 -3.89 0.00	33.82 -4.48 0.00	44.57 -6.10 0.00	56.41 -8.42 0.00	52.47 -7.71 0.00	67.91 -9.87 0.00	60.00 -8.75 0.00	53.13 -7.52 0.00	38.31 -4.93 0.00	42.19 -5.94 0.00	45.54 -6.83 0.00	40.80 -6.66 0.00	42.64 -7.02 0.00	46.50 -6.94 0.00	51.71 -8.26 0.00	60.35 -8.81 0.00	84.50 -11.45 0.00
NIAGARA_115E_LBMP 323715	52.99 -5.22 0.00	45.57 -4.13 0.00	33.80 -3.10 0.00	45.69 -4.44 0.00	34.87 -3.12 0.00	41.75 -3.77 0.00	37.63 -3.85 0.00	30.10 -3.78 0.00	33.95 -4.35 0.00	44.74 -5.93 0.00	56.44 -8.39 0.00	52.46 -7.73 0.00	67.85 -9.93 0.00	59.98 -8.78 0.00	53.09 -7.55 0.00	38.30 -4.94 0.00	42.13 -6.01 0.00	45.47 -6.89 0.00	40.76 -6.70 0.00	42.58 -7.08 0.00	46.49 -6.95 0.00	51.69 -8.27 0.00	60.24 -8.92 0.00	84.36 -11.59 0.00
NIAGARA_115W_LBMP 323714	52.67 -5.55 0.00	45.31 -4.39 0.00	33.60 -3.30 0.00	45.42 -4.70 0.00	34.66 -3.33 0.00	41.51 -4.02 0.00	37.45 -4.03 0.00	29.93 -3.95 0.00	33.75 -4.54 0.00	44.49 -6.18 0.00	56.29 -8.53 0.00	52.38 -7.80 0.00	67.80 -9.98 0.00	59.90 -8.85 0.00	53.02 -7.62 0.00	38.23 -5.01 0.00	42.10 -6.04 0.00	45.43 -6.94 0.00	40.72 -6.74 0.00	42.55 -7.11 0.00	46.40 -7.03 0.00	51.60 -8.36 0.00	60.22 -8.93 0.00	84.35 -11.60 0.00
NIAGARA_230_LBMP 323716	53.20 -5.01 0.00	45.76 -3.94 0.00	33.92 -2.98 0.00	45.88 -4.25 0.00	35.00 -2.99 0.00	41.90 -3.62 0.00	37.82 -3.66 0.00	30.26 -3.62 0.00	34.11 -4.19 0.00	44.99 -5.68 0.00	56.95 -7.87 0.00	53.00 -7.19 0.00	68.58 -9.20 0.00	60.60 -8.15 0.00	53.65 -6.99 0.00	38.68 -4.57 0.00	42.60 -5.54 0.00	45.97 -6.40 0.00	41.23 -6.23 0.00	43.08 -6.58 0.00	46.94 -6.50 0.00	52.21 -7.75 0.00	60.93 -8.22 0.00	85.27 -10.68 0.00
NIAGARA__115KV_198_GIBSON 55903	52.67 -5.54 0.00	45.31 -4.39 0.00	33.61 -3.29 0.00	45.43 -4.70 0.00	34.66 -3.33 0.00	41.51 -4.02 0.00	37.45 -4.03 0.00	29.96 -3.92 0.00	33.76 -4.53 0.00	44.48 -6.19 0.00	56.29 -8.54 0.00	52.38 -7.80 0.00	67.80 -9.98 0.00	59.92 -8.83 0.00	53.02 -7.62 0.00	38.24 -5.00 0.00	42.10 -6.04 0.00	45.41 -6.96 0.00	40.71 -6.75 0.00	42.54 -7.12 0.00	46.40 -7.04 0.00	51.60 -8.36 0.00	60.24 -8.91 0.00	84.35 -11.60 0.00
NIAGARA____ 23760	53.20 -5.01 0.00	45.76 -3.94 0.00	33.92 -2.98 0.00	45.88 -4.25 0.00	35.00 -2.99 0.00	41.90 -3.62 0.00	37.82 -3.66 0.00	30.26 -3.62 0.00	34.11 -4.19 0.00	44.99 -5.68 0.00	56.95 -7.87 0.00	53.00 -7.19 0.00	68.58 -9.20 0.00	60.60 -8.15 0.00	53.65 -6.99 0.00	38.68 -4.57 0.00	42.60 -5.54 0.00	45.97 -6.40 0.00	41.23 -6.23 0.00	43.08 -6.58 0.00	46.94 -6.50 0.00	52.21 -7.75 0.00	60.93 -8.22 0.00	85.27 -10.68 0.00
NINE_MILE_1 23575	55.86 -2.35 0.00	47.71 -1.99 0.00	35.45 -1.46 0.00	48.07 -2.05 0.00	36.49 -1.50 0.00	43.72 -1.81 0.00	39.82 -1.67 0.00	32.55 -1.33 0.00	36.76 -1.54 0.00	48.63 -2.05 0.00	62.14 -2.69 0.00	57.71 -2.48 0.00	74.57 -3.21 0.00	65.88 -2.87 0.00	58.16 -2.48 0.00	41.51 -1.73 0.00	46.20 -1.94 0.00	50.25 -2.11 0.00	45.49 -1.96 0.00	47.61 -2.05 0.00	51.23 -2.20 0.00	57.35 -2.62 0.00	66.11 -3.05 0.00	91.71 -4.24 0.00
NINE_MILE_2 23744	55.86 -2.35 0.00	47.71 -1.99 0.00	35.45 -1.46 0.00	48.07 -2.05 0.00	36.49 -1.50 0.00	43.72 -1.80 0.00	39.82 -1.66 0.00	32.55 -1.33 0.00	36.76 -1.54 0.00	48.63 -2.04 0.00	62.14 -2.69 0.00	57.71 -2.48 0.00	74.57 -3.20 0.00	65.90 -2.85 0.00	58.16 -2.48 0.00	41.52 -1.72 0.00	46.20 -1.94 0.00	50.25 -2.11 0.00	45.49 -1.96 0.00	47.62 -2.04 0.00	51.23 -2.20 0.00	57.36 -2.61 0.00	66.11 -3.04 0.00	91.72 -4.23 0.00
NM_CAPITAL__DRP 24208	60.76 2.55 0.00	51.81 2.11 0.00	38.45 1.55 0.00	52.22 2.09 0.00	39.58 1.59 0.00	47.42 1.90 0.00	43.24 1.77 0.00	35.35 1.47 0.00	39.99 1.69 0.00	52.90 2.23 0.00	67.88 3.06 0.00	63.05 2.86 0.00	81.41 3.63 0.00	71.87 3.12 0.00	63.38 2.74 0.00	44.78 1.53 0.00	49.73 1.58 0.00	54.08 1.72 0.00	49.09 1.64 0.00	51.44 1.78 0.00	55.18 1.75 0.00	61.74 1.78 0.00	71.01 1.86 0.00	99.01 3.06 0.00

NM_CENTRAL___DRP 24181	56.92 -1.29 0.00	48.60 -1.10 0.00	36.10 -0.81 0.00	48.93 -1.19 0.00	37.16 -0.83 0.00	44.56 -0.97 0.00	40.58 -0.90 0.00	33.16 -0.73 0.00	37.45 -0.84 0.00	49.58 -1.09 0.00	63.33 -1.50 0.00	58.81 -1.38 0.00	75.96 -1.81 0.00	67.13 -1.62 0.00	59.26 -1.38 0.00	42.33 -0.91 0.00	47.11 -1.03 0.00	51.27 -1.10 0.00	46.40 -1.06 0.00	48.55 -1.11 0.00	52.24 -1.19 0.00	58.42 -1.55 0.00	67.29 -1.87 0.00	93.31 -2.64 0.00
NM_FRONTIER___DRP 24179	52.67 -5.54 0.00	45.31 -4.39 0.00	33.61 -3.29 0.00	45.43 -4.70 0.00	34.66 -3.33 0.00	41.51 -4.02 0.00	37.45 -4.03 0.00	29.96 -3.92 0.00	33.76 -4.53 0.00	44.48 -6.19 0.00	56.29 -8.54 0.00	52.38 -7.80 0.00	67.80 -9.98 0.00	59.92 -8.83 0.00	53.02 -7.62 0.00	38.24 -5.00 0.00	42.10 -6.04 0.00	45.41 -6.96 0.00	40.71 -6.75 0.00	42.54 -7.12 0.00	46.40 -7.04 0.00	51.60 -8.36 0.00	60.24 -8.91 0.00	84.35 -11.60 0.00
NM_ST_REGIS___HYD 24053	58.52 0.31 0.00	50.00 0.30 0.00	37.05 0.14 0.00	50.40 0.27 0.00	38.13 0.14 0.00	45.62 0.10 0.00	41.43 -0.04 0.00	33.81 -0.08 0.00	38.21 -0.09 0.00	50.56 -0.12 0.00	64.76 -0.06 0.00	60.18 -0.01 0.00	77.74 -0.04 0.00	68.67 -0.08 0.00	60.50 -0.14 0.00	43.10 -0.14 0.00	47.94 -0.20 0.00	51.91 -0.46 0.00	47.05 -0.40 0.00	49.17 -0.49 0.00	52.98 -0.45 0.00	60.07 0.11 0.00	69.94 0.79 0.00	97.52 1.58 0.00
NORTHPORT___1 23551	62.29 4.08 0.00	53.30 3.60 0.00	39.66 2.76 0.00	53.58 3.45 0.00	40.57 2.58 0.00	48.65 3.12 0.00	44.23 2.75 0.00	36.27 2.38 0.00	41.08 2.78 0.00	54.60 3.93 0.00	70.44 5.62 0.00	65.18 4.99 0.00	83.55 5.78 0.00	73.83 5.08 0.00	65.93 5.28 0.00	47.35 4.11 0.00	73.11 4.55 -20.42	101.61 5.34 -43.91	102.12 5.07 -49.59	109.90 5.31 -54.93	101.66 5.48 -42.75	65.47 5.50 -0.01	77.62 5.96 -2.51	103.73 7.78 0.00
NORTHPORT___2 23552	62.29 4.08 0.00	53.30 3.60 0.00	39.66 2.76 0.00	53.58 3.45 0.00	40.57 2.58 0.00	48.65 3.12 0.00	44.23 2.75 0.00	36.27 2.38 0.00	41.08 2.78 0.00	54.60 3.93 0.00	70.44 5.62 0.00	65.18 4.99 0.00	83.55 5.78 0.00	73.83 5.08 0.00	65.93 5.28 0.00	47.35 4.11 0.00	73.11 4.55 -20.42	101.61 5.34 -43.91	102.12 5.07 -49.59	109.90 5.31 -54.93	101.66 5.48 -42.75	65.47 5.50 -0.01	77.62 5.96 -2.51	103.73 7.78 0.00
NORTHPORT___3 23553	61.43 3.22 0.00	52.60 2.89 0.00	39.10 2.20 0.00	52.85 2.72 0.00	40.04 2.05 0.00	47.97 2.44 0.00	43.65 2.17 0.00	35.77 1.88 0.00	40.48 2.19 0.00	53.92 3.24 0.00	69.63 4.80 0.00	64.46 4.27 0.00	82.72 4.94 0.00	73.08 4.33 0.00	65.15 4.51 0.00	46.83 3.59 0.00	72.64 3.95 -20.55	101.21 4.63 -44.21	101.91 4.46 -50.00	109.71 4.68 -55.38	101.34 4.81 -43.10	64.70 4.73 -0.01	76.69 5.01 -2.53	102.48 6.52 0.00
NORTHPORT___4 23650	61.43 3.22 0.00	52.60 2.89 0.00	39.10 2.20 0.00	52.85 2.72 0.00	40.04 2.05 0.00	47.97 2.44 0.00	43.65 2.17 0.00	35.77 1.88 0.00	40.48 2.19 0.00	53.92 3.24 0.00	69.63 4.80 0.00	64.46 4.27 0.00	82.72 4.94 0.00	73.08 4.33 0.00	65.15 4.51 0.00	46.83 3.59 0.00	72.64 3.95 -20.55	101.21 4.63 -44.21	101.91 4.46 -50.00	109.71 4.68 -55.38	101.34 4.81 -43.10	64.70 4.73 -0.01	76.69 5.01 -2.53	102.48 6.52 0.00
NORTHPORT___IC 23718	62.30 4.08 0.00	53.30 3.60 0.00	39.66 2.75 0.00	53.58 3.45 0.00	40.57 2.58 0.00	48.65 3.13 0.00	44.23 2.75 0.00	36.27 2.39 0.00	41.08 2.78 0.00	54.60 3.93 0.00	70.45 5.62 0.00	65.17 4.99 0.00	83.55 5.78 0.00	73.82 5.07 0.00	65.93 5.28 0.00	47.35 4.11 0.00	73.11 4.55 -20.42	101.61 5.34 -43.91	102.13 5.08 -49.59	109.90 5.31 -54.93	101.66 5.48 -42.75	65.47 5.50 -0.01	77.62 5.96 -2.51	103.73 7.77 0.00
NORTH___COUNTRY_ESR 323785	58.81 0.60 0.00	50.30 0.60 0.00	37.25 0.35 0.00	50.68 0.56 0.00	38.35 0.36 0.00	46.01 0.49 0.00	41.91 0.43 0.00	34.19 0.31 0.00	38.58 0.28 0.00	51.10 0.43 0.00	65.28 0.45 0.00	60.48 0.29 0.00	78.12 0.34 0.00	69.07 0.31 0.00	60.92 0.27 0.00	43.43 0.19 0.00	48.41 0.27 0.00	52.42 0.05 0.00	47.49 0.04 0.00	49.65 0.00 0.00	53.51 0.07 0.00	60.55 0.58 0.00	70.36 1.21 0.00	97.83 1.88 0.00
NPX_GEN_1385_PROXY 323591	102.07 5.75 -38.11	54.67 4.97 0.00	40.73 3.82 0.00	98.93 4.88 -43.92	41.67 3.69 0.00	49.94 4.42 0.00	45.19 3.72 0.00	37.23 3.35 0.00	49.96 3.86 -7.80	103.01 5.37 -46.96	96.85 7.43 -24.60	69.64 6.63 -2.83	84.67 6.89 0.00	74.58 5.82 0.00	67.57 6.93 0.00	48.06 4.81 0.00	73.73 5.17 -20.42	102.69 6.41 -43.91	102.98 5.93 -49.59	110.81 6.22 -54.93	102.40 6.22 -42.75	66.25 6.28 -0.01	79.17 7.51 -2.51	106.34 10.39 0.00
NPX_GEN_CSC 323557	63.21 4.99 0.00	53.98 4.28 0.00	40.22 3.32 0.00	54.28 4.15 0.00	41.00 3.01 0.00	49.17 3.65 0.00	44.69 3.21 0.00	36.67 2.79 0.00	41.57 3.28 0.00	55.23 4.56 0.00	71.28 6.45 0.00	65.84 5.65 0.00	84.54 6.76 0.00	74.64 5.89 0.00	66.72 6.08 0.00	48.20 4.96 0.00	74.40 5.65 -20.61	103.36 6.62 -44.37	103.87 6.22 -50.19	111.74 6.49 -55.60	103.49 6.79 -43.27	66.95 6.97 -0.01	79.14 7.45 -2.54	105.56 9.61 0.00
NSINS_S___GLNS_FALLS 23858	62.50 4.29 0.00	53.07 3.36 0.00	39.35 2.45 0.00	53.44 3.32 0.00	40.53 2.54 0.00	48.60 3.08 0.00	44.26 2.78 0.00	36.32 2.44 0.00	41.17 2.87 0.00	54.56 3.89 0.00	69.94 5.12 0.00	64.85 4.67 0.00	83.61 5.84 0.00	73.80 5.05 0.00	65.33 4.68 0.00	46.59 3.35 0.00	51.91 3.78 0.00	56.53 4.16 0.00	51.25 3.79 0.00	53.72 4.06 0.00	57.65 4.22 0.00	64.40 4.43 0.00	73.86 4.71 0.00	102.37 6.41 0.00
NUCOR_STEEL___DRP 24197	57.67 -0.54 0.00	49.23 -0.47 0.00	36.57 -0.34 0.00	49.58 -0.55 0.00	37.65 -0.34 0.00	45.14 -0.38 0.00	41.12 -0.36 0.00	33.63 -0.25 0.00	37.99 -0.31 0.00	50.18 -0.50 0.00	64.00 -0.83 0.00	59.43 -0.75 0.00	76.80 -0.98 0.00	67.87 -0.88 0.00	59.91 -0.73 0.00	42.81 -0.43 0.00	47.66 -0.48 0.00	51.89 -0.48 0.00	46.96 -0.50 0.00	49.12 -0.54 0.00	52.85 -0.59 0.00	59.07 -0.90 0.00	68.02 -1.13 0.00	94.31 -1.64 0.00
NUMBER_THREE_WT_PWR 323818	59.74 1.53 0.00	50.86 1.16 0.00	37.71 0.80 0.00	51.23 1.10 0.00	38.84 0.85 0.00	46.60 1.08 0.00	42.48 1.00 0.00	34.76 0.87 0.00	39.41 1.11 0.00	52.06 1.39 0.00	66.41 1.59 0.00	61.59 1.41 0.00	79.26 1.49 0.00	69.85 1.11 0.00	61.57 0.92 0.00	44.05 0.81 0.00	49.38 1.24 0.00	53.82 1.45 0.00	48.74 1.28 0.00	51.00 1.34 0.00	54.85 1.42 0.00	61.55 1.59 0.00	70.89 1.74 0.00	98.27 2.32 0.00
NYISO_LBMP_REFERENCE 24008	58.21 0.00 0.00	49.70 0.00 0.00	36.90 0.00 0.00	50.13 0.00 0.00	37.99 0.00 0.00	45.52 0.00 0.00	41.48 0.00 0.00	33.88 0.00 0.00	38.30 0.00 0.00	50.67 0.00 0.00	64.82 0.00 0.00	60.19 0.00 0.00	77.78 0.00 0.00	68.75 0.00 0.00	60.64 0.00 0.00	43.24 0.00 0.00	48.14 0.00 0.00	52.37 0.00 0.00	47.46 0.00 0.00	49.66 0.00 0.00	53.44 0.00 0.00	59.97 0.00 0.00	69.15 0.00 0.00	95.95 0.00 0.00

OAK ORCHARD___HYD 24046	55.40 -2.81 0.00	47.47 -2.23 0.00	35.19 -1.72 0.00	47.65 -2.48 0.00	36.27 -1.72 0.00	43.48 -2.05 0.00	39.45 -2.03 0.00	31.92 -1.96 0.00	36.06 -2.24 0.00	47.66 -3.01 0.00	60.65 -4.18 0.00	56.40 -3.79 0.00	72.91 -4.87 0.00	64.44 -4.31 0.00	56.99 -3.66 0.00	40.89 -2.36 0.00	45.29 -2.85 0.00	49.10 -3.27 0.00	44.21 -3.25 0.00	46.21 -3.45 0.00	50.02 -3.42 0.00	55.75 -4.22 0.00	64.58 -4.57 0.00	89.84 -6.11 0.00
OAKDALE___35_KV_LOAD 356122	57.89 -0.33 0.00	49.43 -0.28 0.00	36.67 -0.23 0.00	49.71 -0.42 0.00	37.74 -0.25 0.00	45.28 -0.24 0.00	41.17 -0.31 0.00	33.64 -0.24 0.00	38.02 -0.28 0.00	50.37 -0.31 0.00	64.25 -0.57 0.00	59.73 -0.45 0.00	77.23 -0.55 0.00	68.29 -0.46 0.00	60.27 -0.38 0.00	43.02 -0.23 0.00	47.78 -0.36 0.00	52.05 -0.32 0.00	47.13 -0.33 0.00	49.33 -0.33 0.00	53.04 -0.40 0.00	59.26 -0.71 0.00	68.23 -0.93 0.00	94.64 -1.31 0.00
OCC_CHEM___DRP 24175	52.76 -5.46 0.00	45.39 -4.31 0.00	33.66 -3.24 0.00	45.52 -4.61 0.00	34.72 -3.27 0.00	41.59 -3.94 0.00	37.51 -3.96 0.00	30.03 -3.86 0.00	33.83 -4.47 0.00	44.57 -6.10 0.00	56.41 -8.42 0.00	52.48 -7.71 0.00	67.92 -9.86 0.00	60.03 -8.72 0.00	53.12 -7.52 0.00	38.30 -4.94 0.00	42.19 -5.95 0.00	45.51 -6.85 0.00	40.79 -6.67 0.00	42.64 -7.02 0.00	46.50 -6.94 0.00	51.72 -8.25 0.00	60.36 -8.80 0.00	84.50 -11.45 0.00
OH_GEN_PROXY 24063	53.27 -4.94 0.00	45.79 -3.91 0.00	33.95 -2.95 0.00	45.93 -4.20 0.00	35.02 -2.97 0.00	41.94 -3.58 0.00	37.86 -3.61 0.00	30.34 -3.55 0.00	34.20 -4.10 0.00	45.12 -5.55 0.00	57.15 -7.67 0.00	53.20 -6.98 0.00	68.82 -8.96 0.00	60.83 -7.92 0.00	53.85 -6.79 0.00	38.79 -4.45 0.00	42.74 -5.40 0.00	46.16 -6.20 0.00	41.40 -6.05 0.00	43.28 -6.37 0.00	14.87 -6.33 32.24	52.40 -7.57 0.00	61.09 -8.06 0.00	85.46 -10.49 0.00
OLIN_CORP_DRP 24177	53.06 -5.16 0.00	45.64 -4.06 0.00	33.85 -3.05 0.00	45.75 -4.38 0.00	34.91 -3.08 0.00	41.81 -3.71 0.00	37.69 -3.79 0.00	30.19 -3.70 0.00	34.02 -4.28 0.00	44.83 -5.85 0.00	56.57 -8.25 0.00	52.59 -7.60 0.00	68.01 -9.76 0.00	60.14 -8.61 0.00	53.22 -7.43 0.00	38.38 -4.86 0.00	42.24 -5.90 0.00	45.58 -6.79 0.00	40.85 -6.60 0.00	42.70 -6.96 0.00	46.60 -6.84 0.00	51.81 -8.16 0.00	60.42 -8.73 0.00	84.57 -11.38 0.00
OLIN_CORP_DSASP 323712	52.77 -5.45 0.00	45.39 -4.31 0.00	33.66 -3.24 0.00	45.52 -4.61 0.00	34.73 -3.26 0.00	41.59 -3.94 0.00	37.51 -3.96 0.00	29.99 -3.89 0.00	33.82 -4.48 0.00	44.57 -6.10 0.00	56.41 -8.42 0.00	52.47 -7.71 0.00	67.91 -9.87 0.00	60.00 -8.75 0.00	53.13 -7.52 0.00	38.31 -4.93 0.00	42.19 -5.94 0.00	45.54 -6.83 0.00	40.80 -6.66 0.00	42.64 -7.02 0.00	46.50 -6.94 0.00	51.71 -8.26 0.00	60.35 -8.81 0.00	84.50 -11.45 0.00
ONEIDA_HERK_LFGE 323681	59.86 1.65 0.00	51.00 1.30 0.00	37.83 0.92 0.00	51.38 1.25 0.00	38.97 0.99 0.00	46.75 1.22 0.00	42.61 1.13 0.00	34.88 1.00 0.00	39.51 1.20 0.00	52.24 1.56 0.00	66.70 1.88 0.00	61.85 1.66 0.00	79.71 1.94 0.00	70.34 1.59 0.00	62.03 1.39 0.00	44.31 1.07 0.00	49.54 1.41 0.00	53.98 1.61 0.00	48.90 1.45 0.00	51.17 1.51 0.00	55.04 1.61 0.00	61.66 1.70 0.00	70.98 1.83 0.00	98.43 2.47 0.00
ONEIDA___115KV_TB4 55905	59.76 1.55 0.00	50.97 1.27 0.00	37.83 0.92 0.00	51.33 1.21 0.00	38.98 0.99 0.00	46.79 1.27 0.00	42.65 1.17 0.00	34.91 1.03 0.00	39.50 1.20 0.00	52.27 1.60 0.00	66.71 1.89 0.00	61.73 1.54 0.00	79.50 1.72 0.00	70.21 1.46 0.00	61.92 1.28 0.00	44.26 1.02 0.00	49.49 1.35 0.00	53.87 1.50 0.00	48.79 1.34 0.00	51.06 1.40 0.00	54.93 1.50 0.00	61.45 1.48 0.00	70.71 1.55 0.00	98.01 2.06 0.00
ONONDAGA_REF_OCCRA 23987	57.40 -0.82 0.00	48.99 -0.71 0.00	36.37 -0.53 0.00	49.33 -0.80 0.00	37.45 -0.53 0.00	44.91 -0.61 0.00	40.90 -0.57 0.00	33.44 -0.44 0.00	37.78 -0.52 0.00	50.02 -0.65 0.00	63.88 -0.95 0.00	59.31 -0.87 0.00	76.62 -1.15 0.00	67.72 -1.03 0.00	59.78 -0.86 0.00	42.70 -0.54 0.00	47.52 -0.61 0.00	51.74 -0.63 0.00	46.83 -0.62 0.00	48.99 -0.67 0.00	52.71 -0.72 0.00	58.95 -1.02 0.00	67.87 -1.29 0.00	94.13 -1.83 0.00
ONONDAGA___COGEN 23986	57.26 -0.96 0.00	48.89 -0.82 0.00	36.30 -0.60 0.00	49.23 -0.89 0.00	37.38 -0.61 0.00	44.82 -0.70 0.00	40.83 -0.65 0.00	33.38 -0.50 0.00	37.71 -0.59 0.00	49.90 -0.78 0.00	63.74 -1.08 0.00	59.20 -0.99 0.00	76.50 -1.28 0.00	67.60 -1.15 0.00	59.67 -0.97 0.00	42.62 -0.63 0.00	47.43 -0.71 0.00	51.62 -0.75 0.00	46.73 -0.73 0.00	48.89 -0.77 0.00	52.60 -0.84 0.00	58.83 -1.13 0.00	67.74 -1.41 0.00	93.93 -2.02 0.00
ONTARIO___LFGE 23819	57.18 -1.03 0.00	48.83 -0.87 0.00	36.34 -0.56 0.00	49.06 -1.07 0.00	37.43 -0.56 0.00	44.82 -0.70 0.00	40.77 -0.71 0.00	33.39 -0.49 0.00	37.67 -0.63 0.00	49.69 -0.99 0.00	63.24 -1.59 0.00	58.77 -1.41 0.00	75.96 -1.82 0.00	67.17 -1.58 0.00	59.35 -1.29 0.00	42.51 -0.73 0.00	47.16 -0.98 0.00	51.33 -1.04 0.00	46.35 -1.10 0.00	48.51 -1.15 0.00	52.21 -1.22 0.00	58.24 -1.72 0.00	67.12 -2.04 0.00	92.97 -2.99 0.00
ORANGEVILLE_WT_PWR 323706	55.43 -2.78 0.00	47.54 -2.16 0.00	35.25 -1.65 0.00	47.68 -2.45 0.00	36.34 -1.65 0.00	43.55 -1.98 0.00	39.38 -2.10 0.00	31.78 -2.10 0.00	35.85 -2.45 0.00	47.32 -3.35 0.00	59.93 -4.89 0.00	55.76 -4.43 0.00	72.05 -5.73 0.00	63.73 -5.02 0.00	56.44 -4.21 0.00	40.59 -2.65 0.00	44.85 -3.29 0.00	48.61 -3.76 0.00	43.71 -3.75 0.00	45.72 -3.94 0.00	49.56 -3.88 0.00	55.18 -4.79 0.00	64.00 -5.15 0.00	89.11 -6.84 0.00
ORANGEVILLE___ESR 323794	55.43 -2.78 0.00	47.54 -2.16 0.00	35.25 -1.65 0.00	47.68 -2.45 0.00	36.34 -1.65 0.00	43.55 -1.98 0.00	39.38 -2.10 0.00	31.78 -2.10 0.00	35.85 -2.45 0.00	47.32 -3.35 0.00	59.93 -4.89 0.00	55.76 -4.43 0.00	72.05 -5.73 0.00	63.73 -5.02 0.00	56.44 -4.21 0.00	40.59 -2.65 0.00	44.85 -3.29 0.00	48.61 -3.76 0.00	43.71 -3.75 0.00	45.72 -3.94 0.00	49.56 -3.88 0.00	55.18 -4.79 0.00	64.00 -5.15 0.00	89.11 -6.84 0.00
OSWEGATCHIE___HYD 24044	58.48 0.26 0.00	49.86 0.16 0.00	36.96 0.05 0.00	50.26 0.13 0.00	38.06 0.07 0.00	45.55 0.03 0.00	41.41 -0.07 0.00	33.84 -0.04 0.00	38.33 0.04 0.00	50.67 0.00 0.00	64.80 -0.02 0.00	60.23 0.04 0.00	77.61 -0.16 0.00	68.45 -0.30 0.00	60.28 -0.36 0.00	43.06 -0.18 0.00	48.07 -0.07 0.00	52.23 -0.14 0.00	47.31 -0.15 0.00	49.50 -0.16 0.00	53.25 -0.18 0.00	60.05 0.08 0.00	69.56 0.41 0.00	96.78 0.83 0.00
OSWEGO___5 23606	56.28 -1.93 0.00	48.09 -1.61 0.00	35.72 -1.18 0.00	48.46 -1.66 0.00	36.78 -1.21 0.00	44.06 -1.46 0.00	40.14 -1.34 0.00	32.81 -1.08 0.00	37.06 -1.24 0.00	49.02 -1.66 0.00	62.61 -2.21 0.00	58.17 -2.02 0.00	75.14 -2.64 0.00	66.42 -2.33 0.00	58.62 -2.02 0.00	41.85 -1.39 0.00	46.57 -1.57 0.00	50.66 -1.71 0.00	45.87 -1.59 0.00	47.99 -1.67 0.00	51.65 -1.79 0.00	57.81 -2.16 0.00	66.64 -2.52 0.00	92.41 -3.54 0.00

OSWEGO___6 23613	56.28 -1.93 0.00	48.09 -1.61 0.00	35.72 -1.18 0.00	48.46 -1.66 0.00	36.78 -1.21 0.00	44.06 -1.46 0.00	40.14 -1.34 0.00	32.81 -1.08 0.00	37.06 -1.24 0.00	49.02 -1.66 0.00	62.61 -2.21 0.00	58.17 -2.02 0.00	75.14 -2.64 0.00	66.42 -2.33 0.00	58.62 -2.02 0.00	41.85 -1.39 0.00	46.57 -1.57 0.00	50.66 -1.71 0.00	45.87 -1.59 0.00	47.99 -1.67 0.00	51.65 -1.79 0.00	57.81 -2.16 0.00	66.64 -2.52 0.00	92.41 -3.54 0.00
OUTOKUMPU-AB___DRP 24206	54.23 -3.98 0.00	46.61 -3.09 0.00	34.55 -2.35 0.00	46.72 -3.41 0.00	35.63 -2.36 0.00	42.68 -2.84 0.00	38.53 -2.95 0.00	30.90 -2.99 0.00	34.83 -3.47 0.00	45.94 -4.73 0.00	58.13 -6.69 0.00	54.09 -6.10 0.00	69.95 -7.83 0.00	61.85 -6.90 0.00	54.73 -5.91 0.00	39.47 -3.77 0.00	43.47 -4.67 0.00	46.95 -5.42 0.00	42.09 -5.36 0.00	44.01 -5.65 0.00	47.94 -5.49 0.00	53.30 -6.66 0.00	62.08 -7.07 0.00	86.62 -9.33 0.00
OXBOW___BTM 323836	53.60 -4.61 0.00	46.09 -3.61 0.00	34.17 -2.73 0.00	46.20 -3.93 0.00	35.25 -2.74 0.00	42.21 -3.31 0.00	38.08 -3.39 0.00	30.50 -3.39 0.00	34.39 -3.91 0.00	45.37 -5.30 0.00	57.39 -7.43 0.00	53.40 -6.78 0.00	69.07 -8.71 0.00	61.06 -7.69 0.00	54.05 -6.60 0.00	38.97 -4.27 0.00	42.93 -5.21 0.00	46.37 -6.00 0.00	41.55 -5.90 0.00	43.42 -6.24 0.00	47.34 -6.09 0.00	52.62 -7.35 0.00	61.34 -7.81 0.00	85.74 -10.21 0.00
OXBOW____ 24026	53.60 -4.61 0.00	46.09 -3.61 0.00	34.18 -2.73 0.00	46.20 -3.93 0.00	35.25 -2.74 0.00	42.22 -3.31 0.00	38.09 -3.39 0.00	30.52 -3.37 0.00	34.40 -3.89 0.00	45.37 -5.31 0.00	57.38 -7.44 0.00	53.41 -6.78 0.00	69.08 -8.70 0.00	61.08 -7.68 0.00	54.05 -6.59 0.00	38.98 -4.27 0.00	42.92 -5.21 0.00	46.35 -6.02 0.00	41.54 -5.91 0.00	43.42 -6.23 0.00	47.33 -6.10 0.00	52.62 -7.34 0.00	61.36 -7.80 0.00	85.75 -10.20 0.00
OXY_CHEM_DSASP 323612	52.76 -5.46 0.00	45.39 -4.31 0.00	33.66 -3.24 0.00	45.52 -4.61 0.00	34.72 -3.27 0.00	41.59 -3.94 0.00	37.51 -3.96 0.00	30.03 -3.86 0.00	33.83 -4.47 0.00	44.57 -6.10 0.00	56.41 -8.42 0.00	52.48 -7.71 0.00	67.92 -9.86 0.00	60.03 -8.72 0.00	53.12 -7.52 0.00	38.30 -4.94 0.00	42.19 -5.95 0.00	45.51 -6.85 0.00	40.79 -6.67 0.00	42.64 -7.02 0.00	46.50 -6.94 0.00	51.72 -8.25 0.00	60.36 -8.80 0.00	84.50 -11.45 0.00
OZONE_PARK_ESR 323760	61.57 3.35 0.00	52.63 2.92 0.00	39.10 2.19 0.00	52.88 2.76 0.00	40.11 2.12 0.00	48.11 2.59 0.00	44.02 2.54 0.00	35.95 2.07 0.00	40.71 2.41 0.00	53.95 3.27 0.00	69.12 4.30 0.00	64.14 3.96 0.00	82.68 4.91 0.00	73.14 4.39 0.00	64.74 4.10 0.00	46.54 3.29 0.00	51.79 3.65 0.00	56.55 4.18 0.00	51.46 4.00 0.00	53.77 4.12 0.00	57.68 4.25 0.00	64.13 4.16 0.00	73.42 4.26 0.00	101.44 5.49 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	52.76 -5.46 0.00	45.39 -4.31 0.00	33.66 -3.24 0.00	45.52 -4.61 0.00	34.72 -3.27 0.00	41.59 -3.94 0.00	37.51 -3.96 0.00	30.03 -3.86 0.00	33.83 -4.47 0.00	44.57 -6.10 0.00	56.41 -8.42 0.00	52.48 -7.71 0.00	67.92 -9.86 0.00	60.03 -8.72 0.00	53.12 -7.52 0.00	38.30 -4.94 0.00	42.19 -5.95 0.00	45.51 -6.85 0.00	40.79 -6.67 0.00	42.64 -7.02 0.00	46.50 -6.94 0.00	51.72 -8.25 0.00	60.36 -8.80 0.00	84.50 -11.45 0.00
PACKARD__115KV_DUPONT_184 80571	52.76 -5.46 0.00	45.39 -4.31 0.00	33.66 -3.24 0.00	45.52 -4.61 0.00	34.72 -3.27 0.00	41.59 -3.94 0.00	37.51 -3.96 0.00	30.03 -3.86 0.00	33.83 -4.47 0.00	44.57 -6.10 0.00	56.41 -8.42 0.00	52.48 -7.71 0.00	67.92 -9.86 0.00	60.03 -8.72 0.00	53.12 -7.52 0.00	38.30 -4.94 0.00	42.19 -5.95 0.00	45.51 -6.85 0.00	40.79 -6.67 0.00	42.64 -7.02 0.00	46.50 -6.94 0.00	51.72 -8.25 0.00	60.36 -8.80 0.00	84.50 -11.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	60.85 2.63 0.00	52.07 2.37 0.00	38.74 1.83 0.00	52.45 2.32 0.00	39.78 1.79 0.00	47.69 2.16 0.00	43.69 2.21 0.00	35.58 1.70 0.00	40.28 1.98 0.00	53.36 2.68 0.00	68.44 3.62 0.00	63.48 3.29 0.00	81.85 4.07 0.00	72.41 3.66 0.00	64.05 3.41 0.00	46.01 2.77 0.00	51.19 3.05 0.00	55.85 3.49 0.00	50.80 3.35 0.00	53.12 3.46 0.00	56.91 3.48 0.00	63.24 3.28 0.00	72.54 3.38 0.00	100.42 4.47 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	60.90 2.69 0.00	52.22 2.52 0.00	38.86 1.96 0.00	52.66 2.53 0.00	39.98 1.99 0.00	47.93 2.40 0.00	43.96 2.48 0.00	35.81 1.92 0.00	40.51 2.21 0.00	53.63 2.96 0.00	68.76 3.94 0.00	63.60 3.41 0.00	81.94 4.17 0.00	72.62 3.87 0.00	64.10 3.46 0.00	46.11 2.87 0.00	51.29 3.15 0.00	56.01 3.64 0.00	50.95 3.49 0.00	53.39 3.73 0.00	57.18 3.75 0.00	63.56 3.59 0.00	72.95 3.79 0.00	100.84 4.89 0.00
PATROON__115KV_TB1 80586	60.85 2.63 0.00	51.88 2.18 0.00	38.50 1.59 0.00	52.29 2.16 0.00	39.63 1.65 0.00	47.50 1.98 0.00	43.31 1.83 0.00	35.41 1.52 0.00	40.05 1.75 0.00	53.00 2.33 0.00	67.99 3.17 0.00	63.15 2.96 0.00	81.54 3.77 0.00	72.01 3.26 0.00	63.46 2.82 0.00	44.80 1.56 0.00	49.77 1.63 0.00	54.14 1.78 0.00	49.13 1.67 0.00	51.48 1.82 0.00	55.23 1.80 0.00	61.78 1.81 0.00	71.06 1.90 0.00	99.18 3.22 0.00
PATTRSNVILLE___SOLAR 323815	60.64 2.42 0.00	51.69 1.99 0.00	38.39 1.48 0.00	52.14 2.01 0.00	39.52 1.53 0.00	47.37 1.85 0.00	43.19 1.71 0.00	35.31 1.43 0.00	39.96 1.66 0.00	52.87 2.19 0.00	67.69 2.86 0.00	62.82 2.63 0.00	81.13 3.36 0.00	71.74 2.99 0.00	63.28 2.63 0.00	45.12 1.88 0.00	50.34 2.20 0.00	54.83 2.46 0.00	49.69 2.23 0.00	52.00 2.34 0.00	55.90 2.46 0.00	62.56 2.60 0.00	71.99 2.83 0.00	99.74 3.79 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	56.10 -2.11 0.00	48.17 -1.54 0.00	35.68 -1.23 0.00	48.27 -1.86 0.00	36.80 -1.19 0.00	44.10 -1.43 0.00	39.83 -1.65 0.00	31.99 -1.89 0.00	36.07 -2.23 0.00	47.66 -3.01 0.00	60.42 -4.41 0.00	56.32 -3.87 0.00	72.82 -4.96 0.00	64.42 -4.34 0.00	57.00 -3.64 0.00	41.03 -2.21 0.00	45.23 -2.91 0.00	48.86 -3.51 0.00	43.90 -3.56 0.00	45.91 -3.75 0.00	49.87 -3.56 0.00	55.47 -4.49 0.00	64.54 -4.62 0.00	90.03 -5.93 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	61.81 3.60 0.00	52.78 3.08 0.00	39.20 2.29 0.00	53.09 2.96 0.00	40.26 2.28 0.00	48.29 2.76 0.00	44.14 2.65 0.00	36.09 2.21 0.00	40.87 2.57 0.00	54.17 3.49 0.00	69.35 4.52 0.00	64.31 4.12 0.00	82.93 5.15 0.00	73.31 4.56 0.00	64.84 4.20 0.00	46.51 3.26 0.00	51.82 3.69 0.00	56.64 4.27 0.00	51.48 4.02 0.00	53.82 4.17 0.00	57.81 4.38 0.00	64.40 4.43 0.00	73.77 4.62 0.00	101.97 6.01 0.00
PEEKSKILL____ 23653	60.67 2.45 0.00	51.85 2.15 0.00	38.51 1.61 0.00	52.15 2.02 0.00	39.55 1.56 0.00	47.43 1.91 0.00	43.34 1.86 0.00	35.42 1.54 0.00	40.08 1.78 0.00	53.09 2.42 0.00	68.03 3.21 0.00	63.12 2.94 0.00	81.36 3.58 0.00	71.94 3.19 0.00	63.64 3.00 0.00	45.62 2.38 0.00	50.79 2.65 0.00	55.51 3.14 0.00	50.49 3.03 0.00	52.79 3.13 0.00	56.68 3.25 0.00	63.10 3.14 0.00	72.32 3.16 0.00	99.97 4.02 0.00

PGE MADISON___WINDPWR 24146	63.92 5.70 0.00	54.37 4.66 0.00	40.35 3.44 0.00	54.61 4.48 0.00	41.46 3.47 0.00	49.83 4.31 0.00	45.43 3.95 0.00	37.30 3.42 0.00	42.32 4.02 0.00	55.98 5.30 0.00	71.34 6.52 0.00	66.21 6.02 0.00	85.39 7.61 0.00	75.27 6.52 0.00	66.30 5.65 0.00	47.63 4.38 0.00	53.28 5.14 0.00	58.12 5.76 0.00	52.53 5.07 0.00	54.94 5.28 0.00	59.17 5.74 0.00	65.96 6.00 0.00	75.81 6.65 0.00	104.90 8.95 0.00
PIERCEFIELD___HYD 23852	58.07 -0.15 0.00	49.61 -0.09 0.00	36.78 -0.12 0.00	50.04 -0.09 0.00	37.86 -0.13 0.00	45.24 -0.28 0.00	41.05 -0.43 0.00	33.48 -0.40 0.00	37.86 -0.44 0.00	50.08 -0.60 0.00	64.18 -0.65 0.00	59.70 -0.49 0.00	77.15 -0.63 0.00	68.14 -0.61 0.00	60.02 -0.62 0.00	42.74 -0.50 0.00	47.51 -0.63 0.00	51.47 -0.90 0.00	46.63 -0.83 0.00	48.73 -0.93 0.00	52.48 -0.95 0.00	59.49 -0.48 0.00	69.34 0.19 0.00	96.76 0.81 0.00
PINELAWN_CC_1 323563	62.26 4.04 0.00	53.22 3.51 0.00	39.57 2.67 0.00	53.45 3.33 0.00	40.50 2.51 0.00	48.57 3.05 0.00	44.23 2.75 0.00	36.23 2.35 0.00	41.04 2.74 0.00	54.55 3.88 0.00	70.23 5.41 0.00	64.94 4.75 0.00	83.33 5.55 0.00	73.68 4.93 0.00	65.68 5.03 0.00	47.25 4.00 0.00	74.68 4.49 -22.06	105.44 5.25 -47.82	106.99 4.99 -54.54	115.29 5.22 -60.41	105.88 5.43 -47.01	65.45 5.48 -0.01	77.76 5.85 -2.76	103.48 7.53 0.00
PJM_GEN_HTP_PROXY 323702	61.09 2.88 0.00	52.22 2.51 0.00	38.80 1.90 0.00	52.50 2.37 0.00	39.82 1.83 0.00	47.77 2.25 0.00	43.66 2.18 0.00	35.68 1.79 0.00	40.40 2.10 0.00	53.51 2.84 0.00	68.59 3.76 0.00	63.64 3.46 0.00	82.04 4.27 0.00	72.57 3.82 0.00	64.23 3.58 0.00	46.15 2.91 0.00	51.34 3.20 0.00	56.41 3.68 -0.36	50.97 3.51 0.00	53.29 3.63 0.00	57.16 3.73 0.00	63.59 3.62 0.00	72.77 3.62 0.00	100.53 4.58 0.00
PJM_GEN_KEystone 24065	57.62 -0.59 0.00	49.31 -0.39 0.00	21.90 -0.31 14.70	23.86 -0.59 25.68	25.14 -0.36 12.49	45.16 -0.36 0.00	37.19 -0.42 3.87	33.38 -0.51 0.00	37.70 -0.60 0.00	49.93 -0.75 0.00	63.72 -1.10 0.00	31.37 -0.99 27.83	33.53 -1.39 42.86	51.09 -1.20 16.46	41.64 -0.88 18.12	42.38 -0.36 0.50	38.22 -0.62 9.30	51.46 -0.58 0.33	43.91 -0.51 3.03	38.77 -0.56 10.33	31.51 -0.57 21.35	34.81 -1.10 24.06	36.94 -1.37 30.85	46.58 -1.95 47.42
PJM_GEN_NEPTUNE_PROXY 323594	61.44 3.23 0.00	52.53 2.83 0.00	39.06 2.15 0.00	52.78 2.66 0.00	40.00 2.01 0.00	47.98 2.46 0.00	43.72 2.24 0.00	35.80 1.91 0.00	40.54 2.24 0.00	53.87 3.20 0.00	69.29 4.46 0.00	64.14 3.95 0.00	82.40 4.62 0.00	72.85 4.11 0.00	64.83 4.19 0.00	46.56 3.32 0.00	68.37 3.63 -16.59	94.08 4.23 -37.48	95.37 4.08 -43.84	102.48 4.27 -48.56	95.66 4.44 -37.79	64.38 4.41 -0.01	76.01 4.64 -2.22	101.88 5.93 0.00
PJM_GEN_VFT_PROXY 323633	60.54 2.33 0.00	51.79 2.09 0.00	38.49 1.59 0.00	52.05 1.93 0.00	39.49 1.50 0.00	47.36 1.84 0.00	43.32 1.84 0.00	35.39 1.51 0.00	40.06 1.76 0.00	53.04 2.37 0.00	67.92 3.09 0.00	63.01 2.82 0.00	81.20 3.42 0.00	71.84 3.09 0.00	63.59 2.95 0.00	45.76 2.52 0.00	50.91 2.78 0.00	55.97 3.24 -0.36	50.61 3.16 0.00	52.91 3.25 0.00	56.75 3.31 0.00	63.03 3.07 0.00	72.15 3.00 0.00	99.67 3.72 0.00
PLATSBURG_115KV_PMLD1 355749	59.43 1.21 0.00	50.75 1.04 0.00	37.55 0.64 0.00	51.11 0.98 0.00	38.67 0.68 0.00	46.43 0.91 0.00	42.33 0.85 0.00	34.61 0.72 0.00	38.95 0.65 0.00	51.75 1.08 0.00	66.05 1.22 0.00	61.05 0.86 0.00	78.76 0.98 0.00	69.60 0.85 0.00	61.48 0.84 0.00	43.77 0.53 0.00	48.82 0.68 0.00	52.86 0.49 0.00	47.91 0.45 0.00	50.09 0.43 0.00	53.94 0.50 0.00	60.95 0.99 0.00	70.87 1.71 0.00	98.51 2.56 0.00
PLEASANTVLY___LBMP 24000	60.80 2.58 0.00	51.94 2.24 0.00	38.59 1.69 0.00	52.28 2.15 0.00	39.64 1.66 0.00	47.53 2.01 0.00	43.41 1.93 0.00	35.48 1.59 0.00	40.15 1.85 0.00	53.18 2.51 0.00	68.16 3.34 0.00	63.27 3.09 0.00	81.59 3.82 0.00	72.13 3.38 0.00	63.77 3.12 0.00	45.63 2.39 0.00	50.79 2.65 0.00	55.47 3.10 0.00	50.41 2.95 0.00	52.72 3.07 0.00	56.62 3.18 0.00	63.10 3.14 0.00	72.34 3.19 0.00	100.10 4.15 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	61.01 2.80 0.00	52.14 2.43 0.00	38.73 1.83 0.00	52.43 2.30 0.00	39.77 1.78 0.00	47.69 2.17 0.00	43.58 2.10 0.00	35.62 1.73 0.00	40.31 2.01 0.00	53.40 2.73 0.00	68.43 3.61 0.00	63.50 3.31 0.00	81.87 4.10 0.00	72.38 3.62 0.00	64.04 3.39 0.00	45.90 2.66 0.00	51.10 2.96 0.00	55.83 3.46 0.00	50.76 3.31 0.00	53.09 3.43 0.00	57.00 3.57 0.00	63.47 3.50 0.00	72.72 3.57 0.00	100.52 4.56 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	61.01 2.80 0.00	52.14 2.43 0.00	38.73 1.83 0.00	52.43 2.30 0.00	39.77 1.78 0.00	47.69 2.17 0.00	43.58 2.10 0.00	35.62 1.73 0.00	40.31 2.01 0.00	53.40 2.73 0.00	68.43 3.61 0.00	63.50 3.31 0.00	81.87 4.10 0.00	72.38 3.62 0.00	64.04 3.39 0.00	45.90 2.66 0.00	51.10 2.96 0.00	55.83 3.46 0.00	50.76 3.31 0.00	53.09 3.43 0.00	57.00 3.57 0.00	63.47 3.50 0.00	72.72 3.57 0.00	100.52 4.56 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	61.66 3.45 0.00	52.66 2.96 0.00	39.10 2.20 0.00	52.97 2.84 0.00	40.15 2.16 0.00	48.18 2.66 0.00	44.01 2.54 0.00	35.99 2.11 0.00	40.77 2.47 0.00	54.02 3.35 0.00	69.14 4.31 0.00	64.16 3.97 0.00	82.65 4.87 0.00	73.04 4.28 0.00	64.60 3.95 0.00	46.29 3.05 0.00	51.62 3.48 0.00	56.42 4.04 0.00	51.24 3.79 0.00	53.59 3.93 0.00	57.54 4.11 0.00	64.14 4.17 0.00	73.50 4.34 0.00	101.61 5.66 0.00
POLETTI___ 23519	60.84 2.63 0.00	52.01 2.31 0.00	38.65 1.75 0.00	52.29 2.16 0.00	39.66 1.68 0.00	47.58 2.06 0.00	43.55 2.07 0.00	35.56 1.68 0.00	40.24 1.95 0.00	53.31 2.63 0.00	68.29 3.46 0.00	63.38 3.19 0.00	81.68 3.91 0.00	72.28 3.53 0.00	63.98 3.33 0.00	45.99 2.74 0.00	51.16 3.02 0.00	55.84 3.47 0.00	50.82 3.36 0.00	53.11 3.45 0.00	56.97 3.54 0.00	63.34 3.37 0.00	72.50 3.35 0.00	100.21 4.25 0.00
POMONA___ESR 323819	60.37 2.16 0.00	51.60 1.90 0.00	38.34 1.43 0.00	51.90 1.77 0.00	39.37 1.38 0.00	47.23 1.70 0.00	43.14 1.66 0.00	35.27 1.38 0.00	39.89 1.59 0.00	52.82 2.14 0.00	67.67 2.85 0.00	62.78 2.59 0.00	80.90 3.13 0.00	71.53 2.78 0.00	63.30 2.65 0.00	45.39 2.15 0.00	50.53 2.39 0.00	55.23 2.87 0.00	50.25 2.79 0.00	52.53 2.87 0.00	56.40 2.97 0.00	62.81 2.84 0.00	71.97 2.82 0.00	99.47 3.52 0.00
PORT_JEFF_3 23555	62.80 4.59 0.00	53.67 3.97 0.00	39.95 3.04 0.00	53.94 3.81 0.00	40.80 2.82 0.00	48.94 3.42 0.00	44.52 3.04 0.00	36.50 2.61 0.00	41.36 3.06 0.00	54.96 4.28 0.00	70.88 6.05 0.00	65.51 5.32 0.00	84.07 6.30 0.00	74.29 5.54 0.00	66.34 5.69 0.00	47.79 4.55 0.00	73.87 5.12 -20.62	102.75 5.99 -44.39	103.33 5.66 -50.22	111.19 5.91 -55.62	102.88 6.16 -43.28	66.26 6.28 -0.01	78.44 6.75 -2.54	104.67 8.72 0.00

PORT_JEFF_4 23616	62.80 4.59 0.00	53.67 3.97 0.00	39.95 3.04 0.00	53.94 3.81 0.00	40.80 2.82 0.00	48.94 3.42 0.00	44.52 3.04 0.00	36.50 2.61 0.00	41.36 3.06 0.00	54.96 4.28 0.00	70.88 6.05 0.00	65.51 5.32 0.00	84.07 6.30 0.00	74.29 5.54 0.00	66.34 5.69 0.00	47.79 4.55 0.00	73.87 5.12 -20.62	102.75 5.99 -44.39	103.33 5.66 -50.22	111.19 5.91 -55.62	102.88 6.16 -43.28	66.26 6.28 -0.01	78.44 6.75 -2.54	104.67 8.72 0.00
PORT_JEFF_IC 23713	62.84 4.62 0.00	53.71 4.01 0.00	39.97 3.06 0.00	53.96 3.84 0.00	40.83 2.84 0.00	48.97 3.45 0.00	44.53 3.05 0.00	36.52 2.64 0.00	41.38 3.08 0.00	55.00 4.33 0.00	70.93 6.11 0.00	65.55 5.36 0.00	84.12 6.34 0.00	74.32 5.57 0.00	66.38 5.74 0.00	47.84 4.60 0.00	73.99 5.18 -20.67	102.96 6.09 -44.50	103.55 5.74 -50.35	111.41 5.99 -55.77	103.08 6.24 -43.40	66.33 6.36 -0.01	78.52 6.82 -2.54	104.77 8.82 0.00
PPL PILGRIM_ST_GT1 24216	62.88 4.67 0.00	53.76 4.05 0.00	39.98 3.07 0.00	54.00 3.87 0.00	40.88 2.89 0.00	49.03 3.51 0.00	44.61 3.13 0.00	36.57 2.68 0.00	41.43 3.13 0.00	55.06 4.38 0.00	70.99 6.16 0.00	65.63 5.44 0.00	84.17 6.39 0.00	74.40 5.64 0.00	66.40 5.75 0.00	47.78 4.54 0.00	74.06 5.08 -20.85	103.23 5.93 -44.93	103.96 5.61 -50.89	111.90 5.87 -56.37	103.41 6.10 -43.87	66.18 6.21 -0.01	78.42 6.70 -2.57	104.67 8.72 0.00
PPL PILGRIM_ST_GT2 24217	62.88 4.67 0.00	53.76 4.05 0.00	39.98 3.07 0.00	54.00 3.87 0.00	40.88 2.89 0.00	49.03 3.51 0.00	44.61 3.13 0.00	36.57 2.68 0.00	41.43 3.13 0.00	55.06 4.38 0.00	70.99 6.16 0.00	65.63 5.44 0.00	84.17 6.39 0.00	74.40 5.64 0.00	66.40 5.75 0.00	47.78 4.54 0.00	74.06 5.08 -20.85	103.23 5.93 -44.93	103.96 5.61 -50.89	111.90 5.87 -56.37	103.41 6.10 -43.87	66.18 6.21 -0.01	78.42 6.70 -2.57	104.67 8.72 0.00
PPL_SHRM_GT3 24213	63.23 5.01 0.00	54.01 4.31 0.00	40.24 3.34 0.00	54.29 4.17 0.00	41.03 3.04 0.00	49.20 3.68 0.00	44.72 3.24 0.00	36.69 2.81 0.00	41.59 3.30 0.00	55.26 4.58 0.00	71.29 6.46 0.00	65.86 5.68 0.00	84.59 6.81 0.00	74.65 5.90 0.00	66.74 6.10 0.00	48.21 4.97 0.00	74.43 5.65 -20.63	103.44 6.65 -44.43	103.96 6.24 -50.26	111.83 6.50 -55.67	103.55 6.80 -43.33	66.97 6.99 -0.01	79.20 7.50 -2.54	105.60 9.65 0.00
PPL_SHRM_GT4 24214	63.23 5.01 0.00	54.01 4.31 0.00	40.24 3.34 0.00	54.29 4.17 0.00	41.03 3.04 0.00	49.20 3.68 0.00	44.72 3.24 0.00	36.69 2.81 0.00	41.59 3.30 0.00	55.26 4.58 0.00	71.29 6.46 0.00	65.86 5.68 0.00	84.59 6.81 0.00	74.65 5.90 0.00	66.74 6.10 0.00	48.21 4.97 0.00	74.43 5.65 -20.63	103.44 6.65 -44.43	103.96 6.24 -50.26	111.83 6.50 -55.67	103.55 6.80 -43.33	66.97 6.99 -0.01	79.20 7.50 -2.54	105.60 9.65 0.00
PROJECT___ORANGE 1 24174	56.95 -1.26 0.00	48.63 -1.08 0.00	36.11 -0.80 0.00	48.97 -1.16 0.00	37.18 -0.81 0.00	44.58 -0.94 0.00	40.59 -0.89 0.00	33.18 -0.71 0.00	37.47 -0.83 0.00	49.60 -1.08 0.00	63.33 -1.49 0.00	58.83 -1.36 0.00	75.99 -1.78 0.00	67.17 -1.58 0.00	59.29 -1.35 0.00	42.35 -0.89 0.00	47.14 -1.00 0.00	51.30 -1.07 0.00	46.44 -1.02 0.00	48.58 -1.07 0.00	52.26 -1.17 0.00	58.44 -1.53 0.00	67.31 -1.84 0.00	93.36 -2.59 0.00
PROJECT___ORANGE 2 24166	56.95 -1.26 0.00	48.63 -1.08 0.00	36.11 -0.80 0.00	48.97 -1.16 0.00	37.18 -0.81 0.00	44.58 -0.94 0.00	40.59 -0.89 0.00	33.18 -0.71 0.00	37.47 -0.83 0.00	49.60 -1.08 0.00	63.33 -1.49 0.00	58.83 -1.36 0.00	75.99 -1.78 0.00	67.17 -1.58 0.00	59.29 -1.35 0.00	42.35 -0.89 0.00	47.14 -1.00 0.00	51.30 -1.07 0.00	46.44 -1.02 0.00	48.58 -1.07 0.00	52.26 -1.17 0.00	58.44 -1.53 0.00	67.31 -1.84 0.00	93.36 -2.59 0.00
PUCKETT___SOLAR 323809	59.30 1.08 0.00	50.57 0.87 0.00	37.50 0.60 0.00	50.80 0.67 0.00	38.55 0.56 0.00	46.28 0.76 0.00	42.10 0.62 0.00	34.46 0.58 0.00	38.99 0.69 0.00	51.68 1.01 0.00	65.95 1.12 0.00	61.30 1.11 0.00	79.23 1.45 0.00	70.02 1.27 0.00	61.80 1.16 0.00	44.15 0.91 0.00	49.12 0.98 0.00	53.51 1.14 0.00	48.42 0.97 0.00	50.66 1.01 0.00	54.47 1.03 0.00	60.81 0.84 0.00	70.01 0.86 0.00	97.11 1.16 0.00
PYRITES___HYD 24023	59.16 0.95 0.00	50.48 0.78 0.00	37.43 0.53 0.00	50.94 0.81 0.00	38.54 0.55 0.00	46.14 0.62 0.00	41.88 0.40 0.00	34.17 0.29 0.00	38.64 0.35 0.00	51.11 0.44 0.00	65.38 0.56 0.00	60.73 0.55 0.00	78.53 0.75 0.00	69.35 0.60 0.00	61.06 0.41 0.00	43.58 0.33 0.00	48.52 0.38 0.00	52.57 0.20 0.00	47.58 0.13 0.00	49.74 0.08 0.00	53.56 0.12 0.00	60.72 0.75 0.00	70.71 1.56 0.00	98.53 2.58 0.00
QUAKERRD_115KV_BK1 80622	54.67 -3.55 0.00	46.80 -2.91 0.00	34.72 -2.18 0.00	47.02 -3.11 0.00	35.78 -2.21 0.00	42.89 -2.63 0.00	38.95 -2.53 0.00	31.60 -2.28 0.00	35.70 -2.60 0.00	47.20 -3.47 0.00	60.12 -4.71 0.00	55.88 -4.31 0.00	72.24 -5.54 0.00	63.87 -4.89 0.00	56.43 -4.22 0.00	40.45 -2.79 0.00	44.84 -3.30 0.00	48.64 -3.73 0.00	43.84 -3.61 0.00	45.84 -3.82 0.00	49.54 -3.90 0.00	55.26 -4.70 0.00	63.94 -5.22 0.00	88.91 -7.05 0.00
QUEENSBRY_115KV_TB8 356137	62.71 4.49 0.00	53.21 3.51 0.00	39.45 2.55 0.00	53.58 3.46 0.00	40.63 2.64 0.00	48.72 3.19 0.00	44.37 2.89 0.00	36.43 2.55 0.00	41.29 3.00 0.00	54.73 4.06 0.00	70.14 5.31 0.00	65.03 4.85 0.00	83.82 6.05 0.00	73.98 5.23 0.00	65.52 4.87 0.00	46.76 3.51 0.00	52.11 3.97 0.00	56.75 4.38 0.00	51.44 3.99 0.00	53.92 4.26 0.00	57.86 4.43 0.00	64.63 4.66 0.00	74.10 4.94 0.00	102.70 6.75 0.00
RAMAPO___LBMP 323565	60.27 2.06 0.00	51.52 1.82 0.00	38.28 1.37 0.00	51.81 1.68 0.00	39.32 1.33 0.00	47.15 1.62 0.00	43.06 1.58 0.00	35.20 1.31 0.00	39.81 1.51 0.00	52.71 2.04 0.00	67.54 2.71 0.00	62.64 2.45 0.00	80.73 2.96 0.00	71.38 2.63 0.00	63.15 2.50 0.00	45.27 2.03 0.00	50.40 2.26 0.00	55.10 2.74 0.00	50.11 2.66 0.00	52.40 2.74 0.00	56.26 2.83 0.00	62.65 2.69 0.00	71.83 2.67 0.00	99.30 3.35 0.00
RANKINE____ 23646	55.23 -2.98 0.00	47.43 -2.27 0.00	35.15 -1.75 0.00	47.54 -2.59 0.00	36.25 -1.74 0.00	43.43 -2.09 0.00	39.22 -2.26 0.00	31.51 -2.38 0.00	35.51 -2.79 0.00	46.87 -3.80 0.00	59.35 -5.48 0.00	55.27 -4.92 0.00	71.46 -6.32 0.00	63.22 -5.53 0.00	55.95 -4.70 0.00	40.32 -2.93 0.00	44.43 -3.71 0.00	48.00 -4.36 0.00	43.09 -4.37 0.00	45.05 -4.61 0.00	49.00 -4.44 0.00	54.49 -5.48 0.00	63.46 -5.70 0.00	88.56 -7.39 0.00
RAVENSWOOD_GT2_1 24244	60.97 2.75 0.00	52.12 2.41 0.00	38.73 1.82 0.00	52.41 2.28 0.00	39.75 1.77 0.00	47.68 2.15 0.00	43.61 2.13 0.00	35.63 1.74 0.00	40.32 2.03 0.00	53.41 2.74 0.00	68.45 3.63 0.00	63.52 3.33 0.00	81.87 4.10 0.00	72.43 3.68 0.00	64.09 3.45 0.00	46.05 2.81 0.00	51.23 3.09 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.65 0.00	63.47 3.50 0.00	72.67 3.52 0.00	100.42 4.47 0.00

RAVENSWOOD_GT2_2 24245	60.97 2.75 0.00	52.12 2.41 0.00	38.73 1.82 0.00	52.41 2.28 0.00	39.75 1.77 0.00	47.68 2.15 0.00	43.61 2.13 0.00	35.63 1.74 0.00	40.32 2.03 0.00	53.41 2.74 0.00	68.45 3.63 0.00	63.52 3.33 0.00	81.87 4.10 0.00	72.43 3.68 0.00	64.09 3.45 0.00	46.05 2.81 0.00	51.23 3.09 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.65 0.00	63.47 3.50 0.00	72.67 3.52 0.00	100.42 4.47 0.00
RAVENSWOOD_GT2_3 24246	60.99 2.78 0.00	52.15 2.44 0.00	38.75 1.84 0.00	52.43 2.31 0.00	39.77 1.78 0.00	47.69 2.17 0.00	43.62 2.15 0.00	35.64 1.75 0.00	40.33 2.03 0.00	53.44 2.76 0.00	68.48 3.66 0.00	63.53 3.35 0.00	81.90 4.12 0.00	72.45 3.70 0.00	64.13 3.49 0.00	46.07 2.83 0.00	51.26 3.12 0.00	55.96 3.60 0.00	50.92 3.46 0.00	53.23 3.57 0.00	57.10 3.67 0.00	63.50 3.53 0.00	72.69 3.54 0.00	100.49 4.54 0.00
RAVENSWOOD_GT2_4 24247	60.99 2.78 0.00	52.15 2.44 0.00	38.75 1.84 0.00	52.43 2.31 0.00	39.77 1.78 0.00	47.69 2.17 0.00	43.62 2.15 0.00	35.64 1.75 0.00	40.33 2.03 0.00	53.44 2.76 0.00	68.48 3.66 0.00	63.53 3.35 0.00	81.90 4.12 0.00	72.45 3.70 0.00	64.13 3.49 0.00	46.07 2.83 0.00	51.26 3.12 0.00	55.96 3.60 0.00	50.92 3.46 0.00	53.23 3.57 0.00	57.10 3.67 0.00	63.50 3.53 0.00	72.69 3.54 0.00	100.49 4.54 0.00
RAVENSWOOD_GT3_1 24248	60.97 2.75 0.00	52.12 2.41 0.00	38.73 1.82 0.00	52.41 2.28 0.00	39.75 1.77 0.00	47.68 2.16 0.00	43.61 2.13 0.00	35.63 1.74 0.00	40.32 2.03 0.00	53.41 2.74 0.00	68.45 3.63 0.00	63.52 3.33 0.00	81.87 4.10 0.00	72.43 3.68 0.00	64.09 3.45 0.00	46.05 2.81 0.00	51.23 3.09 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.65 0.00	63.47 3.50 0.00	72.68 3.53 0.00	100.42 4.47 0.00
RAVENSWOOD_GT3_2 24249	60.97 2.75 0.00	52.12 2.41 0.00	38.73 1.82 0.00	52.41 2.28 0.00	39.75 1.77 0.00	47.68 2.16 0.00	43.61 2.13 0.00	35.63 1.74 0.00	40.32 2.03 0.00	53.41 2.74 0.00	68.45 3.63 0.00	63.52 3.33 0.00	81.87 4.10 0.00	72.43 3.68 0.00	64.09 3.45 0.00	46.05 2.81 0.00	51.23 3.09 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.65 0.00	63.47 3.50 0.00	72.68 3.53 0.00	100.42 4.47 0.00
RAVENSWOOD_GT3_3 24250	61.05 2.84 0.00	52.19 2.49 0.00	38.78 1.87 0.00	52.48 2.35 0.00	39.80 1.82 0.00	47.74 2.22 0.00	43.66 2.18 0.00	35.67 1.78 0.00	40.37 2.07 0.00	53.49 2.82 0.00	68.55 3.72 0.00	63.61 3.43 0.00	81.98 4.21 0.00	72.53 3.78 0.00	64.20 3.55 0.00	46.12 2.88 0.00	51.31 3.17 0.00	56.02 3.65 0.00	50.97 3.51 0.00	53.28 3.62 0.00	57.16 3.72 0.00	63.56 3.59 0.00	72.76 3.61 0.00	100.59 4.64 0.00
RAVENSWOOD_GT3_4 24251	61.05 2.84 0.00	52.19 2.49 0.00	38.78 1.87 0.00	52.48 2.35 0.00	39.80 1.82 0.00	47.74 2.22 0.00	43.66 2.18 0.00	35.67 1.78 0.00	40.37 2.07 0.00	53.49 2.82 0.00	68.55 3.72 0.00	63.61 3.43 0.00	81.98 4.21 0.00	72.53 3.78 0.00	64.20 3.55 0.00	46.12 2.88 0.00	51.31 3.17 0.00	56.02 3.65 0.00	50.97 3.51 0.00	53.28 3.62 0.00	57.16 3.72 0.00	63.56 3.59 0.00	72.76 3.61 0.00	100.59 4.64 0.00
RAVENSWOOD_GT_1 23729	61.04 2.83 0.00	52.23 2.52 0.00	38.83 1.92 0.00	52.53 2.40 0.00	39.85 1.86 0.00	47.78 2.26 0.00	43.74 2.26 0.00	35.69 1.81 0.00	40.41 2.11 0.00	53.52 2.85 0.00	68.67 3.85 0.00	63.74 3.55 0.00	82.10 4.33 0.00	72.65 3.90 0.00	64.30 3.65 0.00	46.69 2.95 -0.50	51.37 3.23 0.00	56.07 3.70 0.00	51.00 3.54 0.00	53.32 3.66 0.00	57.20 3.77 0.00	63.60 3.63 0.00	72.82 3.66 0.00	100.70 4.75 0.00
RAVENSWOOD_GT_10 24258	60.97 2.75 0.00	52.12 2.41 0.00	38.73 1.82 0.00	52.41 2.28 0.00	39.75 1.77 0.00	47.68 2.16 0.00	43.61 2.13 0.00	35.63 1.74 0.00	40.32 2.03 0.00	53.41 2.73 0.00	68.44 3.62 0.00	63.51 3.32 0.00	81.86 4.08 0.00	72.43 3.68 0.00	64.09 3.44 0.00	46.11 2.81 -0.06	51.22 3.09 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.65 0.00	63.47 3.50 0.00	72.67 3.52 0.00	100.42 4.47 0.00
RAVENSWOOD_GT_11 24259	60.97 2.75 0.00	52.12 2.41 0.00	38.73 1.82 0.00	52.41 2.28 0.00	39.75 1.77 0.00	47.68 2.16 0.00	43.61 2.13 0.00	35.63 1.74 0.00	40.32 2.03 0.00	53.41 2.73 0.00	68.44 3.62 0.00	63.51 3.32 0.00	81.86 4.08 0.00	72.43 3.68 0.00	64.09 3.44 0.00	46.11 2.81 -0.06	51.22 3.09 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.65 0.00	63.47 3.50 0.00	72.67 3.52 0.00	100.42 4.47 0.00
RAVENSWOOD_GT_4 24252	60.98 2.77 0.00	52.12 2.42 0.00	38.73 1.82 0.00	52.41 2.29 0.00	39.76 1.77 0.00	47.68 2.16 0.00	43.60 2.12 0.00	35.63 1.74 0.00	40.32 2.02 0.00	53.41 2.73 0.00	68.42 3.60 0.00	63.50 3.31 0.00	81.83 4.06 0.00	72.40 3.65 0.00	64.08 3.43 0.00	46.42 2.80 -0.38	51.22 3.08 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.65 0.00	63.47 3.50 0.00	72.69 3.53 0.00	100.42 4.47 0.00
RAVENSWOOD_GT_5 24254	60.98 2.77 0.00	52.12 2.42 0.00	38.73 1.82 0.00	52.41 2.29 0.00	39.76 1.77 0.00	47.68 2.16 0.00	43.60 2.12 0.00	35.63 1.74 0.00	40.32 2.02 0.00	53.41 2.73 0.00	68.42 3.60 0.00	63.50 3.31 0.00	81.83 4.06 0.00	72.40 3.65 0.00	64.08 3.43 0.00	46.42 2.80 -0.38	51.22 3.08 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.65 0.00	63.47 3.50 0.00	72.69 3.53 0.00	100.42 4.47 0.00
RAVENSWOOD_GT_6 24253	60.98 2.77 0.00	52.12 2.42 0.00	38.73 1.82 0.00	52.41 2.29 0.00	39.76 1.77 0.00	47.68 2.16 0.00	43.60 2.12 0.00	35.63 1.74 0.00	40.32 2.02 0.00	53.41 2.73 0.00	68.42 3.60 0.00	63.50 3.31 0.00	81.83 4.06 0.00	72.40 3.65 0.00	64.08 3.43 0.00	46.42 2.80 -0.38	51.22 3.08 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.65 0.00	63.47 3.50 0.00	72.69 3.53 0.00	100.42 4.47 0.00
RAVENSWOOD_GT_7 24255	60.98 2.77 0.00	52.12 2.42 0.00	38.73 1.82 0.00	52.41 2.29 0.00	39.76 1.77 0.00	47.68 2.16 0.00	43.60 2.12 0.00	35.63 1.74 0.00	40.32 2.02 0.00	53.41 2.73 0.00	68.42 3.60 0.00	63.50 3.31 0.00	81.83 4.06 0.00	72.40 3.65 0.00	64.08 3.43 0.00	46.42 2.80 -0.38	51.22 3.08 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.65 0.00	63.47 3.50 0.00	72.69 3.53 0.00	100.42 4.47 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	60.97 2.75 0.00	52.12 2.41 0.00	38.73 1.82 0.00	52.41 2.28 0.00	39.75 1.77 0.00	47.68 2.16 0.00	43.61 2.13 0.00	35.63 1.74 0.00	40.32 2.03 0.00	53.41 2.73 0.00	68.44 3.62 0.00	63.51 3.32 0.00	81.86 4.08 0.00	72.43 3.68 0.00	64.09 3.44 0.00	46.11 2.81 -0.06	51.22 3.09 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.65 0.00	63.47 3.50 0.00	72.67 3.52 0.00	100.42 4.47 0.00

RAVENSWOOD_GT_9 24257	60.97 2.75 0.00	52.12 2.41 0.00	38.73 1.82 0.00	52.41 2.28 0.00	39.75 1.77 0.00	47.68 2.16 0.00	43.61 2.13 0.00	35.63 1.74 0.00	40.32 2.03 0.00	53.41 2.73 0.00	68.44 3.62 0.00	63.51 3.32 0.00	81.86 4.08 0.00	72.43 3.68 0.00	64.09 3.44 0.00	46.11 2.81 -0.06	51.22 3.09 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.65 0.00	63.47 3.50 0.00	72.67 3.52 0.00	100.42 4.47 0.00
RAVENSWOOD___1 23533	60.94 2.73 0.00	52.13 2.43 0.00	38.76 1.85 0.00	52.43 2.31 0.00	39.78 1.79 0.00	47.69 2.17 0.00	43.67 2.19 0.00	35.64 1.75 0.00	40.34 2.04 0.00	53.46 2.79 0.00	68.59 3.76 0.00	63.62 3.44 0.00	81.97 4.20 0.00	72.54 3.78 0.00	64.19 3.54 0.00	45.63 2.89 0.49	51.28 3.14 0.00	55.96 3.60 0.00	50.92 3.46 0.00	53.25 3.59 0.00	57.11 3.67 0.00	63.50 3.54 0.00	72.71 3.56 0.00	100.52 4.57 0.00
RAVENSWOOD___2 23534	60.94 2.73 0.00	52.13 2.43 0.00	38.76 1.85 0.00	52.43 2.31 0.00	39.78 1.79 0.00	47.69 2.17 0.00	43.67 2.19 0.00	35.64 1.75 0.00	40.34 2.04 0.00	53.46 2.79 0.00	68.59 3.76 0.00	63.62 3.44 0.00	81.97 4.20 0.00	72.54 3.78 0.00	64.19 3.54 0.00	45.63 2.89 0.49	51.28 3.14 0.00	55.96 3.60 0.00	50.92 3.46 0.00	53.25 3.59 0.00	57.11 3.67 0.00	63.50 3.54 0.00	72.71 3.56 0.00	100.52 4.57 0.00
RAVENSWOOD___3 23535	60.97 2.75 0.00	52.12 2.42 0.00	38.74 1.83 0.00	52.41 2.29 0.00	39.75 1.77 0.00	47.68 2.16 0.00	43.61 2.13 0.00	35.63 1.74 0.00	40.32 2.03 0.00	53.41 2.74 0.00	68.45 3.63 0.00	63.52 3.33 0.00	81.87 4.09 0.00	72.43 3.68 0.00	64.09 3.45 0.00	46.05 2.81 0.00	51.23 3.09 0.00	55.93 3.56 0.00	50.89 3.43 0.00	53.20 3.54 0.00	57.08 3.64 0.00	63.46 3.50 0.00	72.68 3.53 0.00	100.43 4.47 0.00
RAVENSWOOD___4 23820	60.94 2.73 0.00	52.13 2.43 0.00	38.76 1.85 0.00	52.43 2.31 0.00	39.78 1.79 0.00	47.69 2.17 0.00	43.67 2.19 0.00	35.64 1.75 0.00	40.34 2.04 0.00	53.46 2.79 0.00	68.59 3.76 0.00	63.62 3.44 0.00	81.97 4.20 0.00	72.54 3.78 0.00	64.19 3.54 0.00	45.63 2.89 0.49	51.28 3.14 0.00	55.96 3.60 0.00	50.92 3.46 0.00	53.25 3.59 0.00	57.11 3.67 0.00	63.50 3.54 0.00	72.71 3.56 0.00	100.52 4.57 0.00
RCPT_TRUST___DRP 24196	61.07 2.85 0.00	52.20 2.50 0.00	38.80 1.89 0.00	52.49 2.36 0.00	39.81 1.83 0.00	47.75 2.23 0.00	43.66 2.19 0.00	35.68 1.79 0.00	40.38 2.09 0.00	53.51 2.83 0.00	68.55 3.73 0.00	63.62 3.43 0.00	81.98 4.21 0.00	72.52 3.77 0.00	64.20 3.55 0.00	46.12 2.88 0.00	51.31 3.17 0.00	56.02 3.65 0.00	50.97 3.51 0.00	53.28 3.62 0.00	57.16 3.72 0.00	63.57 3.61 0.00	72.78 3.62 0.00	100.58 4.63 0.00
RED___ROCHESTER 323720	55.82 -2.39 0.00	47.81 -1.90 0.00	35.43 -1.48 0.00	47.97 -2.16 0.00	36.52 -1.47 0.00	43.78 -1.75 0.00	39.71 -1.77 0.00	32.15 -1.74 0.00	36.33 -1.97 0.00	48.06 -2.62 0.00	61.16 -3.67 0.00	56.88 -3.31 0.00	73.54 -4.23 0.00	65.01 -3.74 0.00	57.48 -3.17 0.00	41.24 -2.00 0.00	45.68 -2.46 0.00	49.54 -2.83 0.00	44.60 -2.86 0.00	46.62 -3.04 0.00	50.45 -2.99 0.00	56.22 -3.75 0.00	65.09 -4.06 0.00	90.53 -5.43 0.00
REGAN___SOLAR 323812	62.14 3.93 0.00	52.98 3.28 0.00	39.31 2.41 0.00	53.41 3.28 0.00	40.51 2.53 0.00	48.60 3.08 0.00	44.34 2.86 0.00	36.29 2.40 0.00	41.07 2.77 0.00	54.27 3.60 0.00	69.22 4.39 0.00	63.83 3.64 0.00	82.77 4.99 0.00	73.24 4.49 0.00	64.06 3.41 0.00	46.05 2.81 0.00	51.81 3.67 0.00	56.49 4.13 0.00	51.16 3.70 0.00	53.50 3.85 0.00	57.55 4.11 0.00	64.44 4.48 0.00	74.17 5.02 0.00	102.62 6.67 0.00
RENSSELAER___COGEN 23796	60.59 2.37 0.00	51.66 1.96 0.00	38.35 1.45 0.00	52.07 1.95 0.00	39.47 1.48 0.00	47.28 1.76 0.00	43.13 1.65 0.00	35.25 1.37 0.00	39.86 1.56 0.00	52.70 2.03 0.00	67.63 2.81 0.00	62.81 2.63 0.00	81.09 3.32 0.00	71.60 2.85 0.00	63.11 2.46 0.00	44.52 1.28 0.00	49.45 1.32 0.00	53.81 1.44 0.00	48.84 1.38 0.00	51.15 1.49 0.00	54.90 1.46 0.00	61.42 1.46 0.00	70.65 1.49 0.00	98.61 2.65 0.00
REPUBLIC_115KV_BARTNBRK 55605	65.33 7.12 0.00	55.09 5.39 0.00	40.78 3.87 0.00	55.35 5.22 0.00	41.97 3.99 0.00	50.41 4.89 0.00	45.75 4.27 0.00	37.84 3.96 0.00	42.90 4.61 0.00	56.77 6.10 0.00	72.70 7.88 0.00	67.02 6.83 0.00	85.96 8.18 0.00	75.74 6.99 0.00	67.66 7.02 0.00	48.42 5.18 0.00	54.30 6.16 0.00	59.13 6.77 0.00	53.59 6.13 0.00	56.33 6.67 0.00	60.23 6.79 0.00	67.19 7.22 0.00	76.83 7.68 0.00	106.59 10.64 0.00
REVERE_CPPR_DRP 24186	60.47 2.25 0.00	51.47 1.77 0.00	38.18 1.27 0.00	51.83 1.71 0.00	39.34 1.35 0.00	47.21 1.69 0.00	43.05 1.57 0.00	35.25 1.36 0.00	39.91 1.62 0.00	52.78 2.11 0.00	67.33 2.51 0.00	62.34 2.15 0.00	80.28 2.50 0.00	70.84 2.09 0.00	62.49 1.85 0.00	44.70 1.46 0.00	50.02 1.88 0.00	54.49 2.12 0.00	49.35 1.90 0.00	51.65 1.99 0.00	55.54 2.11 0.00	62.17 2.20 0.00	71.53 2.37 0.00	99.10 3.15 0.00
REYNOLDS_115KV_TB3 80639	60.81 2.60 0.00	51.84 2.14 0.00	38.48 1.58 0.00	52.25 2.12 0.00	39.60 1.61 0.00	47.46 1.94 0.00	43.26 1.78 0.00	35.37 1.48 0.00	39.99 1.70 0.00	52.90 2.23 0.00	67.93 3.10 0.00	63.07 2.88 0.00	81.41 3.64 0.00	71.90 3.15 0.00	63.46 2.81 0.00	44.92 1.68 0.00	49.86 1.73 0.00	54.24 1.87 0.00	49.23 1.78 0.00	51.60 1.94 0.00	55.35 1.92 0.00	61.93 1.97 0.00	71.22 2.07 0.00	99.19 3.23 0.00
RIVERBAY____ 323610	60.90 2.69 0.00	52.22 2.52 0.00	38.86 1.96 0.00	52.66 2.53 0.00	39.98 1.99 0.00	47.93 2.40 0.00	43.96 2.48 0.00	35.81 1.92 0.00	40.51 2.21 0.00	53.63 2.96 0.00	68.76 3.94 0.00	63.60 3.41 0.00	81.94 4.17 0.00	72.62 3.87 0.00	64.10 3.46 0.00	46.11 2.87 0.00	51.29 3.15 0.00	56.01 3.64 0.00	50.95 3.49 0.00	53.39 3.73 0.00	57.18 3.75 0.00	63.56 3.59 0.00	72.95 3.79 0.00	100.84 4.89 0.00
RIVERSDE_115KV_TB3 55908	60.76 2.55 0.00	51.81 2.11 0.00	38.45 1.55 0.00	52.22 2.09 0.00	39.58 1.59 0.00	47.42 1.90 0.00	43.24 1.77 0.00	35.35 1.47 0.00	39.99 1.69 0.00	52.90 2.23 0.00	67.88 3.06 0.00	63.05 2.86 0.00	81.41 3.63 0.00	71.87 3.12 0.00	63.38 2.74 0.00	44.78 1.53 0.00	49.73 1.58 0.00	54.08 1.72 0.00	49.09 1.64 0.00	51.44 1.78 0.00	55.18 1.75 0.00	61.74 1.78 0.00	71.01 1.86 0.00	99.01 3.06 0.00
ROARING___BROOK_WT_PWR 323790	58.27 0.06 0.00	49.76 0.05 0.00	36.94 0.04 0.00	50.19 0.06 0.00	38.03 0.03 0.00	45.57 0.04 0.00	41.52 0.04 0.00	33.89 0.01 0.00	38.31 0.01 0.00	50.68 0.01 0.00	64.82 0.00 0.00	60.19 0.00 0.00	77.78 0.00 0.00	68.75 0.00 0.00	60.64 0.00 0.00	43.24 0.00 0.00	48.14 0.00 0.00	52.33 -0.03 0.00	47.41 -0.05 0.00	49.60 -0.06 0.00	53.38 -0.05 0.00	59.98 0.01 0.00	69.32 0.17 0.00	96.28 0.33 0.00

ROCHESRG_115KV_T4 355643	55.19 -3.02 0.00	47.30 -2.41 0.00	35.08 -1.83 0.00	47.49 -2.64 0.00	36.15 -1.84 0.00	43.32 -2.20 0.00	39.29 -2.18 0.00	31.82 -2.07 0.00	35.92 -2.38 0.00	47.46 -3.21 0.00	60.40 -4.43 0.00	56.16 -4.02 0.00	72.62 -5.16 0.00	64.20 -4.55 0.00	56.75 -3.90 0.00	40.71 -2.53 0.00	45.09 -3.05 0.00	48.87 -3.50 0.00	44.02 -3.43 0.00	46.01 -3.65 0.00	49.80 -3.64 0.00	55.51 -4.46 0.00	64.34 -4.81 0.00	89.53 -6.42 0.00
ROCHESTER_9_IC 23652	55.52 -2.70 0.00	47.55 -2.15 0.00	35.26 -1.64 0.00	47.74 -2.39 0.00	36.34 -1.65 0.00	43.55 -1.98 0.00	39.51 -1.97 0.00	31.99 -1.89 0.00	36.12 -2.17 0.00	47.76 -2.91 0.00	60.77 -4.05 0.00	56.52 -3.67 0.00	73.08 -4.70 0.00	64.60 -4.15 0.00	57.11 -3.53 0.00	40.97 -2.27 0.00	45.38 -2.76 0.00	49.20 -3.17 0.00	44.31 -3.15 0.00	46.31 -3.35 0.00	50.12 -3.31 0.00	55.86 -4.10 0.00	64.72 -4.43 0.00	90.03 -5.92 0.00
ROCKVIEW_13_KV_LD 356306	61.19 2.98 0.00	52.28 2.58 0.00	38.84 1.93 0.00	52.58 2.45 0.00	39.88 1.89 0.00	47.82 2.30 0.00	43.71 2.23 0.00	35.73 1.84 0.00	40.44 2.14 0.00	53.57 2.89 0.00	68.68 3.86 0.00	63.74 3.55 0.00	82.12 4.35 0.00	72.63 3.88 0.00	64.27 3.63 0.00	46.10 2.86 0.00	51.33 3.19 0.00	56.08 3.71 0.00	51.00 3.55 0.00	53.34 3.68 0.00	57.26 3.83 0.00	63.74 3.77 0.00	73.00 3.85 0.00	100.90 4.95 0.00
ROME____115KV_TB2 80656	60.47 2.25 0.00	51.47 1.77 0.00	38.18 1.27 0.00	51.83 1.71 0.00	39.34 1.35 0.00	47.21 1.69 0.00	43.05 1.57 0.00	35.25 1.36 0.00	39.91 1.62 0.00	52.78 2.11 0.00	67.33 2.51 0.00	62.34 2.15 0.00	80.28 2.50 0.00	70.84 2.09 0.00	62.49 1.85 0.00	44.70 1.46 0.00	50.02 1.88 0.00	54.49 2.12 0.00	49.35 1.90 0.00	51.65 1.99 0.00	55.54 2.11 0.00	62.17 2.20 0.00	71.53 2.37 0.00	99.10 3.15 0.00
ROSETON___1 23587	60.62 2.41 0.00	51.79 2.09 0.00	38.48 1.58 0.00	52.11 1.99 0.00	39.53 1.54 0.00	47.39 1.87 0.00	43.29 1.81 0.00	35.38 1.50 0.00	40.04 1.74 0.00	53.03 2.35 0.00	67.96 3.13 0.00	63.07 2.89 0.00	81.33 3.55 0.00	71.89 3.14 0.00	63.55 2.91 0.00	45.51 2.27 0.00	50.67 2.53 0.00	55.34 2.97 0.00	50.30 2.84 0.00	52.60 2.94 0.00	56.48 3.04 0.00	62.95 2.98 0.00	72.17 3.02 0.00	99.84 3.89 0.00
ROSETON___2 23588	60.62 2.41 0.00	51.79 2.09 0.00	38.48 1.58 0.00	52.11 1.99 0.00	39.53 1.54 0.00	47.39 1.87 0.00	43.29 1.81 0.00	35.38 1.50 0.00	40.04 1.74 0.00	53.03 2.35 0.00	67.96 3.13 0.00	63.07 2.89 0.00	81.33 3.55 0.00	71.89 3.14 0.00	63.55 2.91 0.00	45.51 2.27 0.00	50.67 2.53 0.00	55.34 2.97 0.00	50.30 2.84 0.00	52.60 2.94 0.00	56.48 3.04 0.00	62.95 2.98 0.00	72.17 3.02 0.00	99.84 3.89 0.00
ROTTRDAM_115KV_TB3 80664	60.26 2.04 0.00	51.35 1.65 0.00	38.13 1.23 0.00	51.79 1.66 0.00	39.25 1.27 0.00	47.03 1.51 0.00	42.88 1.40 0.00	35.05 1.17 0.00	39.67 1.37 0.00	52.50 1.83 0.00	67.29 2.46 0.00	62.50 2.32 0.00	80.75 2.97 0.00	71.36 2.61 0.00	62.95 2.31 0.00	44.87 1.63 0.00	49.94 1.80 0.00	54.38 2.02 0.00	49.31 1.85 0.00	51.64 1.98 0.00	55.47 2.03 0.00	62.06 2.09 0.00	71.36 2.21 0.00	98.96 3.01 0.00
RUSSELL___1 23602	55.82 -2.39 0.00	47.81 -1.90 0.00	35.43 -1.47 0.00	47.97 -2.16 0.00	36.52 -1.47 0.00	43.78 -1.75 0.00	39.71 -1.77 0.00	32.16 -1.72 0.00	36.34 -1.96 0.00	48.06 -2.61 0.00	61.14 -3.68 0.00	56.88 -3.31 0.00	73.54 -4.23 0.00	65.03 -3.72 0.00	57.47 -3.17 0.00	41.25 -2.00 0.00	45.68 -2.46 0.00	49.53 -2.84 0.00	44.59 -2.86 0.00	46.62 -3.04 0.00	50.44 -2.99 0.00	56.22 -3.75 0.00	65.10 -4.06 0.00	90.51 -5.44 0.00
RUSSELL___2 23532	55.82 -2.39 0.00	47.81 -1.90 0.00	35.43 -1.47 0.00	47.97 -2.16 0.00	36.52 -1.47 0.00	43.78 -1.75 0.00	39.71 -1.77 0.00	32.16 -1.72 0.00	36.34 -1.96 0.00	48.06 -2.61 0.00	61.14 -3.68 0.00	56.88 -3.31 0.00	73.54 -4.23 0.00	65.03 -3.72 0.00	57.47 -3.17 0.00	41.25 -2.00 0.00	45.68 -2.46 0.00	49.53 -2.84 0.00	44.59 -2.86 0.00	46.62 -3.04 0.00	50.44 -2.99 0.00	56.22 -3.75 0.00	65.10 -4.06 0.00	90.51 -5.44 0.00
RUSSELL___3 23549	55.82 -2.39 0.00	47.81 -1.90 0.00	35.43 -1.47 0.00	47.97 -2.16 0.00	36.52 -1.47 0.00	43.78 -1.75 0.00	39.71 -1.77 0.00	32.16 -1.72 0.00	36.34 -1.96 0.00	48.06 -2.61 0.00	61.14 -3.68 0.00	56.88 -3.31 0.00	73.54 -4.23 0.00	65.03 -3.72 0.00	57.47 -3.17 0.00	41.25 -2.00 0.00	45.68 -2.46 0.00	49.53 -2.84 0.00	44.59 -2.86 0.00	46.62 -3.04 0.00	50.44 -2.99 0.00	56.22 -3.75 0.00	65.10 -4.06 0.00	90.51 -5.44 0.00
RUSSELL___4 23556	55.82 -2.39 0.00	47.81 -1.90 0.00	35.43 -1.47 0.00	47.97 -2.16 0.00	36.52 -1.47 0.00	43.78 -1.75 0.00	39.71 -1.77 0.00	32.16 -1.72 0.00	36.34 -1.96 0.00	48.06 -2.61 0.00	61.14 -3.68 0.00	56.88 -3.31 0.00	73.54 -4.23 0.00	65.03 -3.72 0.00	57.47 -3.17 0.00	41.25 -2.00 0.00	45.68 -2.46 0.00	49.53 -2.84 0.00	44.59 -2.86 0.00	46.62 -3.04 0.00	50.44 -2.99 0.00	56.22 -3.75 0.00	65.10 -4.06 0.00	90.51 -5.44 0.00
RUSSELL___STATION 23914	55.82 -2.39 0.00	47.81 -1.90 0.00	35.43 -1.47 0.00	47.97 -2.16 0.00	36.52 -1.47 0.00	43.78 -1.75 0.00	39.71 -1.77 0.00	32.16 -1.72 0.00	36.34 -1.96 0.00	48.06 -2.61 0.00	61.14 -3.68 0.00	56.88 -3.31 0.00	73.54 -4.23 0.00	65.03 -3.72 0.00	57.47 -3.17 0.00	41.25 -2.00 0.00	45.68 -2.46 0.00	49.53 -2.84 0.00	44.59 -2.86 0.00	46.62 -3.04 0.00	50.44 -2.99 0.00	56.22 -3.75 0.00	65.10 -4.06 0.00	90.51 -5.44 0.00
S SALMON___HYD 24043	57.65 -0.56 0.00	49.17 -0.54 0.00	36.51 -0.39 0.00	49.56 -0.56 0.00	37.55 -0.44 0.00	45.04 -0.48 0.00	40.98 -0.49 0.00	33.52 -0.37 0.00	37.96 -0.34 0.00	50.16 -0.52 0.00	63.93 -0.89 0.00	59.41 -0.77 0.00	76.62 -1.16 0.00	67.55 -1.20 0.00	59.62 -1.03 0.00	42.69 -0.55 0.00	47.70 -0.44 0.00	51.84 -0.53 0.00	46.94 -0.51 0.00	49.11 -0.55 0.00	52.87 -0.57 0.00	59.33 -0.64 0.00	68.36 -0.79 0.00	94.63 -1.32 0.00
S.PERRY__115KV_TB1 80734	56.04 -2.17 0.00	47.93 -1.77 0.00	35.55 -1.36 0.00	48.11 -2.01 0.00	36.64 -1.34 0.00	43.97 -1.55 0.00	39.92 -1.56 0.00	32.42 -1.47 0.00	36.66 -1.64 0.00	48.45 -2.23 0.00	61.42 -3.41 0.00	57.06 -3.12 0.00	73.68 -4.09 0.00	65.14 -3.61 0.00	57.63 -3.02 0.00	41.47 -1.77 0.00	45.98 -2.16 0.00	49.96 -2.41 0.00	44.99 -2.46 0.00	47.04 -2.62 0.00	50.87 -2.56 0.00	56.59 -3.38 0.00	65.31 -3.84 0.00	90.55 -5.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	54.29 -3.93 0.00	46.65 -3.05 0.00	34.59 -2.32 0.00	46.75 -3.37 0.00	35.67 -2.32 0.00	42.71 -2.81 0.00	38.56 -2.92 0.00	30.93 -2.95 0.00	34.86 -3.43 0.00	45.99 -4.68 0.00	58.24 -6.58 0.00	54.21 -5.98 0.00	70.11 -7.66 0.00	61.99 -6.76 0.00	54.86 -5.78 0.00	39.54 -3.70 0.00	43.57 -4.56 0.00	47.06 -5.31 0.00	42.21 -5.24 0.00	44.13 -5.54 0.00	48.04 -5.40 0.00	53.43 -6.54 0.00	62.29 -6.87 0.00	87.01 -8.94 0.00

SAWYER___23_KV_LOAD 55526	54.29 -3.93 0.00	46.65 -3.05 0.00	34.59 -2.32 0.00	46.75 -3.37 0.00	35.67 -2.32 0.00	42.71 -2.81 0.00	38.56 -2.92 0.00	30.93 -2.95 0.00	34.86 -3.43 0.00	45.99 -4.68 0.00	58.24 -6.58 0.00	54.21 -5.98 0.00	70.11 -7.66 0.00	61.99 -6.76 0.00	54.86 -5.78 0.00	39.54 -3.70 0.00	43.57 -4.56 0.00	47.06 -5.31 0.00	42.21 -5.24 0.00	44.13 -5.54 0.00	48.04 -5.40 0.00	53.43 -6.54 0.00	62.29 -6.87 0.00	87.01 -8.94 0.00
SELKIRK___I 23801	60.64 2.42 0.00	51.73 2.03 0.00	38.39 1.48 0.00	52.14 2.01 0.00	39.49 1.50 0.00	47.35 1.83 0.00	43.16 1.68 0.00	35.29 1.41 0.00	39.90 1.60 0.00	52.71 2.04 0.00	67.61 2.78 0.00	62.79 2.60 0.00	81.05 3.27 0.00	71.62 2.87 0.00	63.10 2.46 0.00	44.73 1.48 0.00	49.77 1.63 0.00	54.18 1.81 0.00	49.14 1.68 0.00	51.46 1.81 0.00	55.25 1.82 0.00	61.83 1.86 0.00	71.12 1.97 0.00	99.03 3.08 0.00
SELKIRK___II 23799	60.37 2.16 0.00	51.49 1.79 0.00	38.21 1.30 0.00	51.89 1.76 0.00	39.33 1.34 0.00	47.14 1.62 0.00	42.97 1.49 0.00	35.12 1.24 0.00	39.73 1.43 0.00	52.55 1.88 0.00	67.40 2.58 0.00	62.61 2.42 0.00	80.83 3.06 0.00	71.40 2.65 0.00	62.95 2.31 0.00	44.57 1.33 0.00	49.56 1.42 0.00	53.96 1.59 0.00	48.96 1.50 0.00	51.27 1.61 0.00	55.04 1.61 0.00	61.57 1.61 0.00	70.81 1.65 0.00	98.56 2.61 0.00
SENECA OSWGO___HYD 24041	56.23 -1.98 0.00	48.05 -1.65 0.00	35.70 -1.20 0.00	48.42 -1.71 0.00	36.76 -1.23 0.00	44.02 -1.50 0.00	40.13 -1.35 0.00	32.82 -1.07 0.00	37.07 -1.23 0.00	49.07 -1.60 0.00	62.69 -2.14 0.00	58.23 -1.95 0.00	75.23 -2.55 0.00	66.49 -2.26 0.00	58.66 -1.98 0.00	41.90 -1.34 0.00	46.64 -1.50 0.00	50.76 -1.61 0.00	45.92 -1.54 0.00	48.06 -1.59 0.00	51.72 -1.72 0.00	57.85 -2.11 0.00	66.61 -2.54 0.00	92.31 -3.64 0.00
SENECA___115KV_TB3 355854	55.32 -2.89 0.00	47.52 -2.19 0.00	35.21 -1.69 0.00	47.62 -2.51 0.00	36.31 -1.67 0.00	43.50 -2.02 0.00	39.29 -2.19 0.00	31.55 -2.33 0.00	35.57 -2.73 0.00	46.95 -3.72 0.00	59.45 -5.38 0.00	55.38 -4.81 0.00	71.61 -6.17 0.00	63.33 -5.42 0.00	56.05 -4.60 0.00	40.39 -2.86 0.00	44.52 -3.62 0.00	48.11 -4.26 0.00	43.17 -4.29 0.00	45.14 -4.52 0.00	49.08 -4.35 0.00	54.60 -5.37 0.00	63.56 -5.59 0.00	88.72 -7.24 0.00
SENECA___ENERGY 23797	56.73 -1.49 0.00	48.49 -1.21 0.00	36.05 -0.86 0.00	48.75 -1.38 0.00	37.12 -0.86 0.00	44.49 -1.03 0.00	40.49 -0.99 0.00	33.08 -0.80 0.00	37.32 -0.98 0.00	49.33 -1.34 0.00	62.97 -1.85 0.00	58.50 -1.68 0.00	75.60 -2.17 0.00	66.84 -1.91 0.00	59.02 -1.62 0.00	42.24 -1.00 0.00	46.92 -1.22 0.00	51.05 -1.32 0.00	46.13 -1.33 0.00	48.23 -1.43 0.00	51.93 -1.50 0.00	57.99 -1.97 0.00	66.81 -2.35 0.00	92.65 -3.31 0.00
SHOEMAKER___GT 23640	60.30 2.08 0.00	51.50 1.80 0.00	38.26 1.35 0.00	51.82 1.69 0.00	39.31 1.32 0.00	47.13 1.61 0.00	43.02 1.55 0.00	35.18 1.30 0.00	39.81 1.51 0.00	52.70 2.03 0.00	67.51 2.68 0.00	62.63 2.44 0.00	80.70 2.93 0.00	71.24 2.49 0.00	62.97 2.33 0.00	45.12 1.88 0.00	50.31 2.18 0.00	54.97 2.60 0.00	49.92 2.47 0.00	52.21 2.55 0.00	56.09 2.66 0.00	62.55 2.59 0.00	71.77 2.62 0.00	99.28 3.33 0.00
SHOEMAKR_138KV_BK 111 55601	60.24 2.03 0.00	51.46 1.76 0.00	38.23 1.33 0.00	51.78 1.65 0.00	39.28 1.29 0.00	47.10 1.57 0.00	43.00 1.52 0.00	35.16 1.28 0.00	39.77 1.47 0.00	52.66 1.98 0.00	67.45 2.63 0.00	62.57 2.39 0.00	80.65 2.87 0.00	71.23 2.48 0.00	62.97 2.32 0.00	45.11 1.86 0.00	50.27 2.13 0.00	54.92 2.55 0.00	49.90 2.44 0.00	52.18 2.52 0.00	56.05 2.62 0.00	62.51 2.54 0.00	71.72 2.56 0.00	99.19 3.24 0.00
SHOREHAM_IC_1 23715	63.23 5.01 0.00	54.01 4.31 0.00	40.24 3.34 0.00	54.29 4.17 0.00	41.03 3.04 0.00	49.20 3.68 0.00	44.72 3.24 0.00	36.69 2.81 0.00	41.59 3.30 0.00	55.26 4.58 0.00	71.29 6.46 0.00	65.86 5.68 0.00	84.59 6.81 0.00	74.65 5.90 0.00	66.74 6.10 0.00	48.21 4.97 0.00	74.43 5.65 -20.63	103.44 6.65 -44.43	103.96 6.24 -50.26	111.83 6.50 -55.67	103.55 6.80 -43.33	66.97 6.99 -0.01	79.20 7.50 -2.54	105.60 9.65 0.00
SHOREHAM_IC_2 23716	63.23 5.01 0.00	54.01 4.31 0.00	40.24 3.34 0.00	54.29 4.17 0.00	41.03 3.04 0.00	49.20 3.68 0.00	44.72 3.24 0.00	36.69 2.81 0.00	41.59 3.30 0.00	55.26 4.58 0.00	71.29 6.46 0.00	65.86 5.68 0.00	84.59 6.81 0.00	74.65 5.90 0.00	66.74 6.10 0.00	48.21 4.97 0.00	74.43 5.65 -20.63	103.44 6.65 -44.43	103.96 6.24 -50.26	111.83 6.50 -55.67	103.55 6.80 -43.33	66.97 6.99 -0.01	79.20 7.50 -2.54	105.60 9.65 0.00
SISSONVILLE___ 23735	58.07 -0.15 0.00	49.61 -0.09 0.00	36.78 -0.12 0.00	50.04 -0.09 0.00	37.86 -0.13 0.00	45.24 -0.28 0.00	41.05 -0.43 0.00	33.48 -0.40 0.00	37.86 -0.44 0.00	50.08 -0.60 0.00	64.18 -0.65 0.00	59.70 -0.49 0.00	77.15 -0.63 0.00	68.14 -0.61 0.00	60.02 -0.62 0.00	42.74 -0.50 0.00	47.51 -0.63 0.00	51.47 -0.90 0.00	46.63 -0.83 0.00	48.73 -0.93 0.00	52.48 -0.95 0.00	59.49 -0.48 0.00	69.34 0.19 0.00	96.76 0.81 0.00
SITHE_IND_GS1 24169	55.81 -2.41 0.00	47.66 -2.04 0.00	35.41 -1.49 0.00	48.02 -2.11 0.00	36.46 -1.53 0.00	43.67 -1.85 0.00	39.78 -1.70 0.00	32.53 -1.36 0.00	36.72 -1.57 0.00	48.58 -2.10 0.00	62.05 -2.77 0.00	57.65 -2.54 0.00	74.49 -3.29 0.00	65.82 -2.93 0.00	58.11 -2.54 0.00	41.47 -1.77 0.00	46.16 -1.98 0.00	50.20 -2.17 0.00	45.45 -2.01 0.00	47.56 -2.10 0.00	51.18 -2.25 0.00	57.28 -2.68 0.00	66.03 -3.12 0.00	91.62 -4.33 0.00
SITHE_IND_GS2 24170	55.81 -2.41 0.00	47.66 -2.04 0.00	35.41 -1.49 0.00	48.02 -2.11 0.00	36.46 -1.53 0.00	43.67 -1.85 0.00	39.78 -1.70 0.00	32.53 -1.36 0.00	36.72 -1.57 0.00	48.58 -2.10 0.00	62.05 -2.77 0.00	57.65 -2.54 0.00	74.49 -3.29 0.00	65.82 -2.93 0.00	58.11 -2.54 0.00	41.47 -1.77 0.00	46.16 -1.98 0.00	50.20 -2.17 0.00	45.45 -2.01 0.00	47.56 -2.10 0.00	51.18 -2.25 0.00	57.28 -2.68 0.00	66.03 -3.12 0.00	91.62 -4.33 0.00
SITHE_IND_GS3 24171	55.81 -2.41 0.00	47.66 -2.04 0.00	35.41 -1.49 0.00	48.02 -2.11 0.00	36.46 -1.53 0.00	43.67 -1.85 0.00	39.78 -1.70 0.00	32.53 -1.36 0.00	36.72 -1.57 0.00	48.58 -2.10 0.00	62.05 -2.77 0.00	57.65 -2.54 0.00	74.49 -3.29 0.00	65.82 -2.93 0.00	58.11 -2.54 0.00	41.47 -1.77 0.00	46.16 -1.98 0.00	50.20 -2.17 0.00	45.45 -2.01 0.00	47.56 -2.10 0.00	51.18 -2.25 0.00	57.28 -2.68 0.00	66.03 -3.12 0.00	91.62 -4.33 0.00
SITHE_IND_GS4 24172	55.81 -2.41 0.00	47.66 -2.04 0.00	35.41 -1.49 0.00	48.02 -2.11 0.00	36.46 -1.53 0.00	43.67 -1.85 0.00	39.78 -1.70 0.00	32.53 -1.36 0.00	36.72 -1.57 0.00	48.58 -2.10 0.00	62.05 -2.77 0.00	57.65 -2.54 0.00	74.49 -3.29 0.00	65.82 -2.93 0.00	58.11 -2.54 0.00	41.47 -1.77 0.00	46.16 -1.98 0.00	50.20 -2.17 0.00	45.45 -2.01 0.00	47.56 -2.10 0.00	51.18 -2.25 0.00	57.28 -2.68 0.00	66.03 -3.12 0.00	91.62 -4.33 0.00

SITHE___BATAVIA 24024	55.60 -2.61 0.00	47.67 -2.03 0.00	35.35 -1.55 0.00	47.78 -2.34 0.00	36.43 -1.55 0.00	43.67 -1.85 0.00	39.52 -1.96 0.00	31.83 -2.06 0.00	36.00 -2.30 0.00	47.55 -3.12 0.00	60.25 -4.58 0.00	56.00 -4.19 0.00	72.38 -5.40 0.00	63.96 -4.79 0.00	56.61 -4.03 0.00	40.76 -2.48 0.00	45.01 -3.13 0.00	48.74 -3.63 0.00	43.74 -3.71 0.00	45.71 -3.95 0.00	49.69 -3.74 0.00	55.25 -4.72 0.00	64.11 -5.05 0.00	89.30 -6.65 0.00
SITHE___INDEPEND 23800	55.81 -2.41 0.00	47.66 -2.04 0.00	35.41 -1.49 0.00	48.02 -2.11 0.00	36.46 -1.53 0.00	43.67 -1.85 0.00	39.78 -1.70 0.00	32.53 -1.36 0.00	36.72 -1.58 0.00	48.58 -2.10 0.00	62.05 -2.78 0.00	57.65 -2.54 0.00	74.49 -3.29 0.00	65.82 -2.93 0.00	58.10 -2.55 0.00	41.48 -1.76 0.00	46.16 -1.98 0.00	50.20 -2.17 0.00	45.44 -2.01 0.00	47.55 -2.10 0.00	51.18 -2.25 0.00	57.28 -2.69 0.00	66.03 -3.12 0.00	91.62 -4.33 0.00
SITHE___MASSENA 23902	58.61 0.40 0.00	50.13 0.43 0.00	37.19 0.28 0.00	50.59 0.46 0.00	38.28 0.30 0.00	45.88 0.35 0.00	41.73 0.25 0.00	34.01 0.13 0.00	38.42 0.12 0.00	50.80 0.13 0.00	64.94 0.11 0.00	60.25 0.06 0.00	77.93 0.15 0.00	68.90 0.15 0.00	60.72 0.08 0.00	43.32 0.08 0.00	48.23 0.09 0.00	52.24 -0.13 0.00	47.32 -0.14 0.00	49.46 -0.20 0.00	53.28 -0.15 0.00	60.33 0.36 0.00	70.12 0.96 0.00	97.62 1.67 0.00
SITHE___OGDNSBRG 24021	59.32 1.11 0.00	50.69 0.99 0.00	37.60 0.69 0.00	51.16 1.04 0.00	38.72 0.73 0.00	46.37 0.85 0.00	42.13 0.65 0.00	34.36 0.48 0.00	38.84 0.55 0.00	51.37 0.70 0.00	65.66 0.83 0.00	60.92 0.73 0.00	78.81 1.03 0.00	69.63 0.88 0.00	61.32 0.67 0.00	43.79 0.55 0.00	48.78 0.64 0.00	52.84 0.48 0.00	47.84 0.39 0.00	50.01 0.35 0.00	53.85 0.42 0.00	61.03 1.06 0.00	71.04 1.88 0.00	98.91 2.96 0.00
SITHE___STERLING 23777	59.76 1.55 0.00	50.97 1.27 0.00	37.83 0.92 0.00	51.33 1.21 0.00	38.98 0.99 0.00	46.79 1.27 0.00	42.65 1.17 0.00	34.91 1.02 0.00	39.50 1.20 0.00	52.27 1.60 0.00	66.72 1.89 0.00	61.73 1.54 0.00	79.50 1.72 0.00	70.21 1.46 0.00	61.92 1.28 0.00	44.26 1.02 0.00	49.50 1.36 0.00	53.88 1.51 0.00	48.79 1.34 0.00	51.06 1.40 0.00	54.93 1.50 0.00	61.45 1.48 0.00	70.71 1.55 0.00	98.01 2.06 0.00
SLEIGHT__34_KV_TB1 80719	55.76 -2.45 0.00	47.69 -2.01 0.00	35.36 -1.54 0.00	47.89 -2.24 0.00	36.45 -1.54 0.00	43.71 -1.81 0.00	39.72 -1.76 0.00	32.26 -1.63 0.00	36.49 -1.81 0.00	48.58 -2.09 0.00	61.96 -2.87 0.00	57.60 -2.59 0.00	74.46 -3.32 0.00	65.80 -2.96 0.00	58.12 -2.53 0.00	41.64 -1.60 0.00	46.21 -1.93 0.00	50.20 -2.17 0.00	45.29 -2.17 0.00	47.33 -2.33 0.00	51.09 -2.34 0.00	57.01 -2.96 0.00	65.83 -3.32 0.00	91.41 -4.54 0.00
SOUTH CAIRO___GT 23612	63.69 5.48 0.00	54.21 4.51 0.00	40.20 3.29 0.00	54.59 4.46 0.00	41.36 3.37 0.00	49.67 4.14 0.00	45.33 3.85 0.00	37.18 3.30 0.00	42.14 3.85 0.00	55.63 4.95 0.00	71.22 6.40 0.00	66.12 5.93 0.00	84.81 7.03 0.00	74.47 5.72 0.00	65.61 4.97 0.00	46.71 3.47 0.00	52.42 4.29 0.00	57.20 4.83 0.00	51.84 4.38 0.00	54.23 4.57 0.00	58.18 4.74 0.00	65.04 5.07 0.00	74.74 5.59 0.00	104.02 8.07 0.00
SOUTH HAMPTN___IC 23720	63.53 5.31 0.00	54.21 4.52 0.00	40.45 3.54 0.00	54.53 4.40 0.00	41.09 3.10 0.00	49.26 3.74 0.00	44.78 3.30 0.00	36.76 2.87 0.00	41.74 3.44 0.00	55.49 4.81 0.00	71.75 6.92 0.00	66.33 6.15 0.00	85.12 7.35 0.00	75.13 6.38 0.00	67.14 6.49 0.00	48.57 5.32 0.00	74.88 6.13 -20.61	103.92 7.17 -44.38	104.36 6.70 -50.20	112.26 6.99 -55.61	104.03 7.32 -43.28	67.47 7.49 -0.01	79.66 7.97 -2.54	106.26 10.31 0.00
SOUTHDOW_115KV_TB1 355954	57.93 -0.29 0.00	49.66 -0.04 0.00	36.76 -0.15 0.00	49.73 -0.40 0.00	37.91 -0.07 0.00	45.46 -0.06 0.00	41.10 -0.38 0.00	33.10 -0.78 0.00	37.38 -0.92 0.00	49.50 -1.18 0.00	62.78 -2.04 0.00	58.45 -1.73 0.00	75.51 -2.27 0.00	66.77 -1.98 0.00	59.08 -1.57 0.00	42.57 -0.68 0.00	46.88 -1.26 0.00	50.73 -1.64 0.00	45.63 -1.82 0.00	47.73 -1.93 0.00	51.81 -1.63 0.00	57.54 -2.43 0.00	66.87 -2.28 0.00	93.07 -2.88 0.00
SOUTHOLD_69_KV_BK 2 55809	63.91 5.69 0.00	54.43 4.73 0.00	40.71 3.81 0.00	54.81 4.68 0.00	41.08 3.09 0.00	49.19 3.67 0.00	44.72 3.24 0.00	36.75 2.87 0.00	41.89 3.59 0.00	55.79 5.11 0.00	72.45 7.63 0.00	67.11 6.93 0.00	86.11 8.33 0.00	75.87 7.12 0.00	67.77 7.12 0.00	49.16 5.92 0.00	75.68 6.92 -20.61	104.84 8.09 -44.38	105.18 7.52 -50.20	113.09 7.82 -55.61	104.87 8.16 -43.28	68.25 8.28 -0.01	80.37 8.68 -2.54	107.23 11.27 0.00
SOUTHOLD___IC 23719	63.91 5.69 0.00	54.43 4.73 0.00	40.72 3.81 0.00	54.81 4.68 0.00	41.08 3.09 0.00	49.19 3.67 0.00	44.72 3.24 0.00	36.75 2.87 0.00	41.89 3.59 0.00	55.79 5.11 0.00	72.45 7.63 0.00	67.11 6.93 0.00	86.11 8.33 0.00	75.87 7.12 0.00	67.77 7.12 0.00	49.17 5.92 0.00	75.67 6.91 -20.61	104.83 8.08 -44.38	105.17 7.51 -50.20	113.08 7.82 -55.61	104.87 8.16 -43.28	68.25 8.27 -0.01	80.38 8.69 -2.54	107.23 11.28 0.00
SOUTH_FORK_WT_PWR 323839	63.55 5.33 0.00	54.05 4.35 0.00	40.53 3.62 0.00	54.48 4.35 0.00	40.64 2.65 0.00	48.62 3.10 0.00	44.20 2.72 0.00	36.36 2.47 0.00	41.54 3.25 0.00	55.43 4.75 0.00	72.30 7.47 0.00	67.11 6.92 0.00	86.08 8.30 0.00	75.78 7.03 0.00	67.64 7.00 0.00	49.12 5.87 0.00	75.64 6.89 -20.61	104.82 8.07 -44.38	105.14 7.48 -50.20	113.04 7.78 -55.61	104.82 8.11 -43.28	68.10 8.13 -0.01	80.08 8.39 -2.54	106.87 10.91 0.00
SPIERFLS_115KV_TB 1 80737	62.29 4.08 0.00	52.91 3.21 0.00	39.24 2.33 0.00	53.29 3.16 0.00	40.41 2.42 0.00	48.44 2.91 0.00	44.13 2.65 0.00	36.21 2.33 0.00	41.04 2.75 0.00	54.39 3.72 0.00	69.73 4.90 0.00	64.67 4.49 0.00	83.36 5.59 0.00	73.60 4.85 0.00	65.12 4.47 0.00	46.45 3.21 0.00	51.77 3.63 0.00	56.37 4.00 0.00	51.10 3.65 0.00	53.56 3.90 0.00	57.49 4.05 0.00	64.22 4.25 0.00	73.65 4.50 0.00	102.08 6.13 0.00
ST LAWRENCE____ 23600	58.07 -0.14 0.00	49.66 -0.04 0.00	36.86 -0.05 0.00	50.13 0.00 0.00	37.94 -0.04 0.00	45.48 -0.04 0.00	41.40 -0.08 0.00	33.75 -0.14 0.00	38.11 -0.19 0.00	50.41 -0.26 0.00	64.41 -0.42 0.00	59.76 -0.43 0.00	77.29 -0.48 0.00	68.35 -0.40 0.00	60.24 -0.41 0.00	42.97 -0.28 0.00	47.86 -0.28 0.00	51.90 -0.47 0.00	46.97 -0.49 0.00	49.13 -0.53 0.00	52.92 -0.51 0.00	59.83 -0.13 0.00	69.50 0.34 0.00	96.65 0.70 0.00
STATE_CA_115KV_115_LB 55624	60.85 2.63 0.00	51.88 2.18 0.00	38.50 1.59 0.00	52.29 2.16 0.00	39.63 1.65 0.00	47.50 1.98 0.00	43.31 1.83 0.00	35.41 1.53 0.00	40.06 1.76 0.00	53.00 2.33 0.00	68.00 3.17 0.00	63.16 2.97 0.00	81.55 3.77 0.00	72.01 3.26 0.00	63.47 2.82 0.00	44.80 1.56 0.00	49.77 1.63 0.00	54.15 1.79 0.00	49.14 1.68 0.00	51.48 1.82 0.00	55.23 1.80 0.00	61.79 1.82 0.00	71.06 1.90 0.00	99.18 3.23 0.00

STATE_ST_34_KV_LOAD 55959	57.75 -0.46 0.00	49.29 -0.41 0.00	36.62 -0.29 0.00	49.62 -0.51 0.00	37.71 -0.28 0.00	45.21 -0.31 0.00	41.17 -0.31 0.00	33.68 -0.20 0.00	38.05 -0.25 0.00	50.23 -0.44 0.00	64.04 -0.78 0.00	59.49 -0.69 0.00	76.86 -0.92 0.00	67.93 -0.82 0.00	59.97 -0.68 0.00	42.86 -0.38 0.00	47.71 -0.43 0.00	51.95 -0.42 0.00	47.01 -0.45 0.00	49.17 -0.49 0.00	52.89 -0.54 0.00	59.12 -0.84 0.00	68.07 -1.09 0.00	94.40 -1.55 0.00
STATION 5_MISC_HYD 23604	55.52 -2.70 0.00	47.55 -2.15 0.00	35.26 -1.65 0.00	47.74 -2.39 0.00	36.34 -1.65 0.00	43.55 -1.97 0.00	39.51 -1.97 0.00	31.98 -1.91 0.00	36.12 -2.18 0.00	47.76 -2.91 0.00	60.78 -4.05 0.00	56.52 -3.67 0.00	73.08 -4.70 0.00	64.59 -4.16 0.00	57.11 -3.53 0.00	40.98 -2.26 0.00	45.39 -2.75 0.00	49.21 -3.16 0.00	44.31 -3.15 0.00	46.31 -3.34 0.00	50.12 -3.31 0.00	55.86 -4.10 0.00	64.72 -4.43 0.00	90.04 -5.92 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	56.55 -1.67 0.00	48.36 -1.35 0.00	35.89 -1.01 0.00	48.58 -1.55 0.00	36.99 -1.00 0.00	44.35 -1.17 0.00	40.32 -1.16 0.00	32.82 -1.07 0.00	37.07 -1.23 0.00	49.01 -1.66 0.00	62.42 -2.40 0.00	58.01 -2.18 0.00	74.98 -2.80 0.00	66.28 -2.47 0.00	58.56 -2.09 0.00	41.95 -1.29 0.00	46.55 -1.59 0.00	50.56 -1.81 0.00	45.61 -1.84 0.00	47.69 -1.97 0.00	51.49 -1.94 0.00	57.43 -2.54 0.00	66.33 -2.83 0.00	92.11 -3.84 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	55.32 -2.90 0.00	47.39 -2.31 0.00	35.15 -1.76 0.00	47.59 -2.54 0.00	36.22 -1.76 0.00	43.42 -2.11 0.00	39.40 -2.08 0.00	31.93 -1.95 0.00	36.06 -2.24 0.00	47.67 -3.00 0.00	60.70 -4.12 0.00	56.43 -3.75 0.00	72.97 -4.80 0.00	64.50 -4.25 0.00	57.01 -3.63 0.00	40.89 -2.35 0.00	45.31 -2.83 0.00	49.14 -3.23 0.00	44.26 -3.20 0.00	46.27 -3.39 0.00	50.04 -3.40 0.00	55.79 -4.17 0.00	64.60 -4.56 0.00	89.84 -6.11 0.00
STA_56___34_KV_BUS2 355983	55.32 -2.90 0.00	47.39 -2.31 0.00	35.15 -1.76 0.00	47.59 -2.54 0.00	36.22 -1.76 0.00	43.42 -2.11 0.00	39.40 -2.08 0.00	31.93 -1.95 0.00	36.06 -2.24 0.00	47.67 -3.00 0.00	60.70 -4.12 0.00	56.43 -3.75 0.00	72.97 -4.80 0.00	64.50 -4.25 0.00	57.01 -3.63 0.00	40.89 -2.35 0.00	45.31 -2.83 0.00	49.14 -3.23 0.00	44.26 -3.20 0.00	46.27 -3.39 0.00	50.04 -3.40 0.00	55.79 -4.17 0.00	64.60 -4.56 0.00	89.84 -6.11 0.00
STA_67___115KV_BK2 355882	55.37 -2.84 0.00	47.45 -2.26 0.00	35.19 -1.72 0.00	47.64 -2.49 0.00	36.26 -1.73 0.00	43.46 -2.06 0.00	39.42 -2.06 0.00	31.92 -1.96 0.00	36.04 -2.25 0.00	47.65 -3.02 0.00	60.62 -4.21 0.00	56.37 -3.81 0.00	72.89 -4.88 0.00	64.43 -4.32 0.00	56.96 -3.68 0.00	40.87 -2.37 0.00	45.26 -2.88 0.00	49.07 -3.30 0.00	44.18 -3.27 0.00	46.17 -3.48 0.00	49.99 -3.45 0.00	55.71 -4.25 0.00	64.56 -4.59 0.00	89.82 -6.13 0.00
STA_7___115KV_9TRANS 80674	55.82 -2.39 0.00	47.81 -1.90 0.00	35.43 -1.47 0.00	47.97 -2.16 0.00	36.52 -1.47 0.00	43.78 -1.75 0.00	39.71 -1.77 0.00	32.16 -1.72 0.00	36.34 -1.96 0.00	48.06 -2.61 0.00	61.14 -3.68 0.00	56.88 -3.31 0.00	73.54 -4.23 0.00	65.03 -3.72 0.00	57.47 -3.17 0.00	41.25 -2.00 0.00	45.68 -2.46 0.00	49.53 -2.84 0.00	44.59 -2.86 0.00	46.62 -3.04 0.00	50.44 -2.99 0.00	56.22 -3.75 0.00	65.10 -4.06 0.00	90.51 -5.44 0.00
STA_82___115KV_TB1 80780	55.39 -2.82 0.00	47.45 -2.25 0.00	35.19 -1.72 0.00	47.64 -2.49 0.00	36.26 -1.72 0.00	43.46 -2.06 0.00	39.42 -2.06 0.00	31.93 -1.96 0.00	36.05 -2.25 0.00	47.65 -3.02 0.00	60.62 -4.21 0.00	56.38 -3.80 0.00	72.90 -4.88 0.00	64.45 -4.30 0.00	56.97 -3.67 0.00	40.87 -2.37 0.00	45.27 -2.87 0.00	49.07 -3.30 0.00	44.19 -3.27 0.00	46.19 -3.47 0.00	49.99 -3.45 0.00	55.74 -4.23 0.00	64.56 -4.59 0.00	89.84 -6.11 0.00
STEEL___WIND 323596	55.26 -2.95 0.00	47.47 -2.23 0.00	35.17 -1.73 0.00	47.58 -2.55 0.00	36.28 -1.71 0.00	43.46 -2.06 0.00	39.25 -2.23 0.00	31.50 -2.39 0.00	35.53 -2.77 0.00	46.90 -3.77 0.00	59.40 -5.43 0.00	55.32 -4.87 0.00	71.53 -6.25 0.00	63.24 -5.51 0.00	55.99 -4.65 0.00	40.34 -2.90 0.00	44.47 -3.67 0.00	48.07 -4.30 0.00	43.13 -4.33 0.00	45.09 -4.57 0.00	49.04 -4.40 0.00	54.54 -5.43 0.00	63.48 -5.68 0.00	88.61 -7.34 0.00
STEPHTWN_115KV_BK_2 55603	61.35 3.13 0.00	52.27 2.56 0.00	38.74 1.84 0.00	52.64 2.51 0.00	39.87 1.89 0.00	47.83 2.30 0.00	43.66 2.18 0.00	35.74 1.85 0.00	40.46 2.16 0.00	53.42 2.75 0.00	68.59 3.77 0.00	63.56 3.38 0.00	82.11 4.33 0.00	72.41 3.66 0.00	63.88 3.24 0.00	45.18 1.94 0.00	50.25 2.10 0.00	54.73 2.36 0.00	49.76 2.30 0.00	52.04 2.39 0.00	56.10 2.67 0.00	62.67 2.71 0.00	71.88 2.72 0.00	100.13 4.19 0.00
STEUBEN_REC_LFGE 323667	57.57 -0.64 0.00	49.24 -0.46 0.00	36.54 -0.36 0.00	49.37 -0.76 0.00	37.64 -0.34 0.00	45.14 -0.39 0.00	40.92 -0.55 0.00	33.28 -0.60 0.00	37.61 -0.69 0.00	49.70 -0.97 0.00	63.03 -1.80 0.00	58.60 -1.59 0.00	75.69 -2.08 0.00	66.96 -1.80 0.00	59.26 -1.39 0.00	42.57 -0.67 0.00	47.07 -1.07 0.00	51.18 -1.19 0.00	46.15 -1.31 0.00	48.28 -1.38 0.00	52.13 -1.31 0.00	58.04 -1.92 0.00	67.10 -2.06 0.00	93.08 -2.87 0.00
STILLWATER___SOLAR 323814	61.83 3.61 0.00	52.56 2.86 0.00	39.00 2.10 0.00	52.96 2.84 0.00	40.15 2.17 0.00	48.14 2.62 0.00	43.88 2.40 0.00	35.93 2.05 0.00	40.68 2.38 0.00	53.86 3.19 0.00	69.06 4.23 0.00	64.13 3.94 0.00	82.74 4.96 0.00	73.03 4.28 0.00	64.54 3.90 0.00	45.99 2.76 0.00	51.21 3.07 0.00	55.78 3.41 0.00	50.57 3.12 0.00	52.98 3.32 0.00	56.91 3.48 0.00	63.60 3.64 0.00	73.02 3.86 0.00	101.27 5.32 0.00
STONY___BROOK 24151	62.81 4.59 0.00	53.67 3.97 0.00	39.93 3.03 0.00	53.91 3.79 0.00	40.80 2.81 0.00	48.94 3.41 0.00	44.51 3.03 0.00	36.50 2.61 0.00	41.35 3.06 0.00	54.97 4.30 0.00	70.90 6.07 0.00	65.51 5.32 0.00	84.07 6.30 0.00	74.30 5.55 0.00	66.36 5.72 0.00	47.81 4.57 0.00	73.98 5.16 -20.68	102.95 6.05 -44.53	103.56 5.71 -50.39	111.45 5.97 -55.82	103.08 6.21 -43.44	78.51 6.34 -0.01	104.71 6.81 -2.55	8.76 0.00
STURGEON_POOL_HYD 23609	62.31 4.10 0.00	53.19 3.49 0.00	39.50 2.59 0.00	53.47 3.34 0.00	40.54 2.55 0.00	48.68 3.16 0.00	44.49 3.01 0.00	36.41 2.52 0.00	41.25 2.96 0.00	54.63 3.96 0.00	69.79 4.97 0.00	64.62 4.44 0.00	83.14 5.36 0.00	73.46 4.71 0.00	65.08 4.44 0.00	46.88 3.64 0.00	52.41 4.27 0.00	57.35 4.98 0.00	52.10 4.65 0.00	54.49 4.83 0.00	58.51 5.08 0.00	65.15 5.18 0.00	74.62 5.46 0.00	102.94 6.99 0.00
ST_LAW_115_BK7_LBMP 345037	58.06 -0.16 0.00	49.67 -0.04 0.00	36.86 -0.05 0.00	50.14 0.02 0.00	37.95 -0.04 0.00	45.48 -0.04 0.00	41.39 -0.09 0.00	33.74 -0.15 0.00	38.10 -0.19 0.00	50.39 -0.28 0.00	64.38 -0.45 0.00	59.74 -0.44 0.00	77.27 -0.51 0.00	68.34 -0.42 0.00	60.22 -0.43 0.00	42.97 -0.28 0.00	47.84 -0.30 0.00	51.86 -0.51 0.00	46.93 -0.53 0.00	49.08 -0.58 0.00	52.87 -0.56 0.00	59.81 -0.16 0.00	69.53 0.37 0.00	96.71 0.76 0.00

ST_LAW_115_BK8_LBMP 345038	58.06 -0.16 0.00	49.67 -0.04 0.00	36.86 -0.05 0.00	50.14 0.02 0.00	37.95 -0.04 0.00	45.48 -0.04 0.00	41.39 -0.09 0.00	33.74 -0.15 0.00	38.10 -0.19 0.00	50.39 -0.28 0.00	64.38 -0.45 0.00	59.74 -0.44 0.00	77.27 -0.51 0.00	68.34 -0.42 0.00	60.22 -0.43 0.00	42.97 -0.28 0.00	47.84 -0.30 0.00	51.86 -0.51 0.00	46.93 -0.53 0.00	49.08 -0.58 0.00	52.87 -0.56 0.00	59.81 -0.16 0.00	69.53 0.37 0.00	96.71 0.76 0.00
ST_LAW_230_BK5_LBMP 345035	58.07 -0.14 0.00	49.66 -0.04 0.00	36.86 -0.05 0.00	50.13 0.00 0.00	37.94 -0.04 0.00	45.48 -0.04 0.00	41.40 -0.08 0.00	33.75 -0.14 0.00	38.11 -0.19 0.00	50.41 -0.26 0.00	64.41 -0.42 0.00	59.76 -0.43 0.00	77.29 -0.48 0.00	68.35 -0.40 0.00	60.24 -0.41 0.00	42.97 -0.28 0.00	47.86 -0.28 0.00	51.90 -0.47 0.00	46.97 -0.49 0.00	49.13 -0.53 0.00	52.92 -0.51 0.00	59.83 -0.13 0.00	69.50 0.34 0.00	96.65 0.70 0.00
ST_LAW_230_BK6_LBMP 345036	58.07 -0.14 0.00	49.66 -0.04 0.00	36.86 -0.05 0.00	50.13 0.00 0.00	37.94 -0.04 0.00	45.48 -0.04 0.00	41.40 -0.08 0.00	33.75 -0.14 0.00	38.11 -0.19 0.00	50.41 -0.26 0.00	64.41 -0.42 0.00	59.76 -0.43 0.00	77.29 -0.48 0.00	68.35 -0.40 0.00	60.24 -0.41 0.00	42.97 -0.28 0.00	47.86 -0.28 0.00	51.90 -0.47 0.00	46.97 -0.49 0.00	49.13 -0.53 0.00	52.92 -0.51 0.00	59.83 -0.13 0.00	69.50 0.34 0.00	96.65 0.70 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	60.39 2.18 0.00	51.61 1.90 0.00	38.34 1.43 0.00	51.91 1.78 0.00	39.37 1.39 0.00	47.23 1.70 0.00	43.12 1.64 0.00	35.25 1.37 0.00	39.88 1.58 0.00	52.81 2.14 0.00	67.64 2.82 0.00	62.74 2.56 0.00	80.89 3.12 0.00	71.50 2.75 0.00	63.25 2.61 0.00	45.31 2.07 0.00	50.46 2.32 0.00	55.15 2.78 0.00	50.13 2.68 0.00	52.42 2.76 0.00	56.30 2.87 0.00	62.74 2.77 0.00	71.94 2.79 0.00	99.47 3.52 0.00
SWANROAD_115KV_TB1 355699	53.06 -5.15 0.00	45.64 -4.06 0.00	33.86 -3.04 0.00	45.75 -4.37 0.00	34.92 -3.07 0.00	41.81 -3.71 0.00	37.69 -3.79 0.00	30.18 -3.70 0.00	34.02 -4.28 0.00	44.83 -5.85 0.00	56.55 -8.27 0.00	52.57 -7.61 0.00	67.99 -9.79 0.00	60.12 -8.63 0.00	53.21 -7.43 0.00	38.38 -4.86 0.00	42.21 -5.93 0.00	45.56 -6.81 0.00	40.84 -6.62 0.00	42.68 -6.98 0.00	46.59 -6.84 0.00	51.80 -8.16 0.00	60.37 -8.78 0.00	84.52 -11.43 0.00
SYNERGY___BIOGAS 323694	55.60 -2.61 0.00	47.67 -2.03 0.00	35.35 -1.55 0.00	47.78 -2.34 0.00	36.43 -1.55 0.00	43.67 -1.85 0.00	39.52 -1.96 0.00	31.83 -2.06 0.00	36.00 -2.30 0.00	47.55 -3.12 0.00	60.25 -4.58 0.00	56.00 -4.19 0.00	72.38 -5.40 0.00	63.96 -4.79 0.00	56.61 -4.03 0.00	40.76 -2.48 0.00	45.01 -3.13 0.00	48.74 -3.63 0.00	43.74 -3.71 0.00	45.71 -3.95 0.00	49.69 -3.74 0.00	55.25 -4.72 0.00	64.11 -5.05 0.00	89.30 -6.65 0.00
SYRACUSE___ENERGY_ST1 323597	57.26 -0.96 0.00	48.89 -0.82 0.00	36.30 -0.60 0.00	49.23 -0.89 0.00	37.38 -0.61 0.00	44.82 -0.70 0.00	40.83 -0.65 0.00	33.38 -0.50 0.00	37.71 -0.59 0.00	49.90 -0.78 0.00	63.74 -1.08 0.00	59.20 -0.99 0.00	76.50 -1.28 0.00	67.60 -1.15 0.00	59.67 -0.97 0.00	42.62 -0.63 0.00	47.43 -0.71 0.00	51.62 -0.75 0.00	46.73 -0.73 0.00	48.89 -0.77 0.00	52.60 -0.84 0.00	58.83 -1.13 0.00	67.74 -1.41 0.00	93.93 -2.02 0.00
SYRACUSE___ENERGY_ST2 323598	57.26 -0.96 0.00	48.89 -0.82 0.00	36.30 -0.60 0.00	49.23 -0.89 0.00	37.38 -0.61 0.00	44.82 -0.70 0.00	40.83 -0.65 0.00	33.38 -0.50 0.00	37.71 -0.59 0.00	49.90 -0.78 0.00	63.74 -1.08 0.00	59.20 -0.99 0.00	76.50 -1.28 0.00	67.60 -1.15 0.00	59.67 -0.97 0.00	42.62 -0.63 0.00	47.43 -0.71 0.00	51.62 -0.75 0.00	46.73 -0.73 0.00	48.89 -0.77 0.00	52.60 -0.84 0.00	58.83 -1.13 0.00	67.74 -1.41 0.00	93.93 -2.02 0.00
SYRACUSE___POWER 24017	57.31 -0.91 0.00	48.92 -0.78 0.00	36.33 -0.58 0.00	49.26 -0.87 0.00	37.41 -0.58 0.00	44.85 -0.67 0.00	40.84 -0.64 0.00	33.38 -0.50 0.00	37.72 -0.57 0.00	49.94 -0.73 0.00	63.78 -1.05 0.00	59.24 -0.94 0.00	76.53 -1.25 0.00	67.63 -1.12 0.00	59.69 -0.95 0.00	42.64 -0.61 0.00	47.47 -0.67 0.00	51.67 -0.70 0.00	46.77 -0.69 0.00	48.93 -0.73 0.00	52.63 -0.81 0.00	58.84 -1.12 0.00	67.78 -1.38 0.00	94.00 -1.95 0.00
TALLMAN___138KV_BK151 55660	60.32 2.11 0.00	51.56 1.86 0.00	38.30 1.40 0.00	51.85 1.73 0.00	39.34 1.35 0.00	47.19 1.67 0.00	43.10 1.63 0.00	35.23 1.34 0.00	39.85 1.55 0.00	52.76 2.09 0.00	67.61 2.79 0.00	62.71 2.53 0.00	80.82 3.05 0.00	71.46 2.71 0.00	63.24 2.59 0.00	45.35 2.11 0.00	50.46 2.32 0.00	55.19 2.82 0.00	50.20 2.74 0.00	52.48 2.82 0.00	56.35 2.92 0.00	62.75 2.78 0.00	71.91 2.76 0.00	99.40 3.45 0.00
TEALLAVE_115KV_TB7 355573	56.92 -1.29 0.00	48.60 -1.10 0.00	36.10 -0.81 0.00	48.93 -1.19 0.00	37.16 -0.83 0.00	44.56 -0.97 0.00	40.58 -0.90 0.00	33.16 -0.73 0.00	37.45 -0.84 0.00	49.58 -1.09 0.00	63.33 -1.50 0.00	58.81 -1.38 0.00	75.96 -1.81 0.00	67.13 -1.62 0.00	59.26 -1.38 0.00	42.33 -0.91 0.00	47.11 -1.03 0.00	51.27 -1.10 0.00	46.40 -1.06 0.00	48.55 -1.11 0.00	52.24 -1.19 0.00	58.42 -1.55 0.00	67.29 -1.87 0.00	93.31 -2.64 0.00
TELGRAPH_34_KV_EAST 80808	54.37 -3.85 0.00	46.68 -3.02 0.00	34.61 -2.29 0.00	46.79 -3.34 0.00	35.70 -2.29 0.00	42.77 -2.76 0.00	38.62 -2.86 0.00	31.03 -2.85 0.00	35.02 -3.28 0.00	46.21 -4.46 0.00	58.46 -6.36 0.00	54.37 -5.82 0.00	70.29 -7.48 0.00	62.15 -6.60 0.00	54.99 -5.65 0.00	39.63 -3.61 0.00	43.67 -4.47 0.00	47.16 -5.21 0.00	42.32 -5.14 0.00	44.22 -5.44 0.00	48.18 -5.25 0.00	53.55 -6.41 0.00	62.30 -6.85 0.00	86.90 -9.05 0.00
TEMPLE___115KV_TB 2 55572	56.95 -1.26 0.00	48.63 -1.08 0.00	36.11 -0.80 0.00	48.97 -1.16 0.00	37.18 -0.81 0.00	44.58 -0.94 0.00	40.59 -0.89 0.00	33.18 -0.71 0.00	37.47 -0.83 0.00	49.60 -1.08 0.00	63.33 -1.49 0.00	58.83 -1.36 0.00	75.99 -1.78 0.00	67.17 -1.58 0.00	59.29 -1.35 0.00	42.35 -0.89 0.00	47.14 -1.00 0.00	51.30 -1.07 0.00	46.44 -1.02 0.00	48.58 -1.07 0.00	52.26 -1.17 0.00	58.44 -1.53 0.00	67.31 -1.84 0.00	93.36 -2.59 0.00
TIANA____69_KV_BK 1 55817	63.48 5.26 0.00	54.18 4.47 0.00	40.39 3.49 0.00	54.48 4.36 0.00	41.11 3.12 0.00	49.30 3.78 0.00	44.81 3.33 0.00	36.78 2.90 0.00	41.72 3.43 0.00	55.44 4.77 0.00	71.59 6.77 0.00	66.17 5.98 0.00	84.94 7.17 0.00	74.96 6.21 0.00	67.00 6.36 0.00	48.46 5.21 0.00	74.74 5.98 -20.61	103.76 7.01 -44.38	104.22 6.56 -50.20	112.11 6.84 -55.61	103.87 7.16 -43.28	67.30 7.33 -0.01	79.54 7.85 -2.54	106.08 10.12 0.00
TILDEN___115KV_TB1 80814	57.31 -0.91 0.00	48.92 -0.78 0.00	36.33 -0.58 0.00	49.26 -0.87 0.00	37.41 -0.58 0.00	44.85 -0.67 0.00	40.84 -0.64 0.00	33.38 -0.50 0.00	37.72 -0.57 0.00	49.94 -0.73 0.00	63.78 -1.05 0.00	59.24 -0.94 0.00	76.53 -1.25 0.00	67.63 -1.12 0.00	59.69 -0.95 0.00	42.64 -0.61 0.00	47.47 -0.67 0.00	51.67 -0.70 0.00	46.77 -0.69 0.00	48.93 -0.73 0.00	52.63 -0.81 0.00	58.84 -1.12 0.00	67.78 -1.38 0.00	94.00 -1.95 0.00

TRIGEN__CC 323695	61.58 3.37 0.00	52.65 2.95 0.00	39.13 2.22 0.00	52.91 2.78 0.00	40.10 2.11 0.00	48.11 2.58 0.00	43.85 2.37 0.00	35.90 2.01 0.00	40.65 2.36 0.00	54.01 3.33 0.00	69.37 4.54 0.00	64.23 4.04 0.00	82.57 4.79 0.00	73.01 4.26 0.00	64.91 4.27 0.00	46.61 3.36 0.00	83.44 3.67 -31.63	127.15 4.28 -70.51	134.54 4.12 -82.96	145.88 4.32 -91.90	129.45 4.50 -71.52	64.46 4.47 -0.02	78.05 4.70 -4.19	101.97 6.02 0.00
TRINITY__115KV__ 4 BK 55933	60.67 2.46 0.00	51.74 2.04 0.00	38.39 1.48 0.00	52.14 2.01 0.00	39.52 1.53 0.00	47.36 1.84 0.00	43.18 1.70 0.00	35.30 1.41 0.00	39.92 1.62 0.00	52.80 2.13 0.00	67.77 2.94 0.00	62.94 2.76 0.00	81.26 3.48 0.00	71.77 3.02 0.00	63.26 2.62 0.00	44.63 1.39 0.00	49.57 1.43 0.00	53.93 1.56 0.00	48.93 1.48 0.00	51.28 1.62 0.00	55.00 1.57 0.00	61.55 1.58 0.00	70.80 1.65 0.00	98.80 2.85 0.00
UNION__PROCESSING_DRP 323587	55.40 -2.81 0.00	47.46 -2.24 0.00	35.19 -1.72 0.00	47.65 -2.48 0.00	36.27 -1.72 0.00	43.47 -2.05 0.00	39.45 -2.03 0.00	31.94 -1.94 0.00	36.06 -2.24 0.00	47.66 -3.01 0.00	60.64 -4.18 0.00	56.40 -3.79 0.00	72.91 -4.87 0.00	64.46 -4.29 0.00	56.99 -3.66 0.00	40.89 -2.36 0.00	45.28 -2.86 0.00	49.08 -3.29 0.00	44.21 -3.25 0.00	46.21 -3.45 0.00	50.01 -3.42 0.00	55.75 -4.22 0.00	64.58 -4.57 0.00	89.84 -6.11 0.00
UPPER HUDSON__HYD 24058	62.29 4.08 0.00	52.91 3.21 0.00	39.24 2.34 0.00	53.29 3.16 0.00	40.41 2.43 0.00	48.44 2.92 0.00	44.13 2.65 0.00	36.21 2.32 0.00	41.04 2.75 0.00	54.39 3.72 0.00	69.73 4.90 0.00	64.67 4.49 0.00	83.37 5.59 0.00	73.60 4.85 0.00	65.12 4.47 0.00	46.45 3.21 0.00	51.77 3.63 0.00	56.37 4.00 0.00	51.10 3.65 0.00	53.56 3.90 0.00	57.48 4.05 0.00	64.22 4.25 0.00	73.66 4.50 0.00	102.09 6.14 0.00
UPPER RAQUET__HYD 24056	58.07 -0.14 0.00	49.61 -0.09 0.00	36.78 -0.12 0.00	50.04 -0.09 0.00	37.86 -0.13 0.00	45.24 -0.28 0.00	41.05 -0.43 0.00	33.48 -0.40 0.00	37.86 -0.44 0.00	50.08 -0.60 0.00	64.18 -0.65 0.00	59.70 -0.94 0.00	77.15 -0.63 0.00	68.14 -0.61 0.00	60.02 -0.62 0.00	42.73 -0.51 0.00	47.51 -0.63 0.00	51.46 -0.90 0.00	46.63 -0.83 0.00	48.73 -0.93 0.00	52.48 -0.95 0.00	59.49 -0.48 0.00	69.34 0.19 0.00	96.77 0.81 0.00
VALLEY44_115KV_TB2 355964	56.70 -1.51 0.00	48.58 -1.12 0.00	36.00 -0.91 0.00	48.73 -1.39 0.00	37.10 -0.88 0.00	44.53 -0.99 0.00	40.18 -1.30 0.00	32.22 -1.67 0.00	36.32 -1.97 0.00	48.16 -2.52 0.00	61.32 -3.51 0.00	57.25 -2.94 0.00	73.98 -3.80 0.00	65.42 -3.33 0.00	57.90 -2.74 0.00	41.69 -1.55 0.00	45.81 -2.33 0.00	49.42 -2.95 0.00	44.57 -2.88 0.00	46.64 -3.02 0.00	50.49 -2.95 0.00	56.15 -3.82 0.00	65.21 -3.94 0.00	90.89 -5.06 0.00
VALLEY__115KV_TB 1-4 80826	59.77 1.55 0.00	50.92 1.22 0.00	37.73 0.82 0.00	51.22 1.09 0.00	38.83 0.84 0.00	46.56 1.04 0.00	42.49 1.01 0.00	34.83 0.95 0.00	39.48 1.18 0.00	52.30 1.62 0.00	66.97 2.15 0.00	62.08 1.89 0.00	80.23 2.45 0.00	70.89 2.14 0.00	62.50 1.86 0.00	44.41 1.17 0.00	49.53 1.39 0.00	54.06 1.69 0.00	49.00 1.54 0.00	51.36 1.70 0.00	55.12 1.69 0.00	61.59 1.62 0.00	70.62 1.47 0.00	97.97 2.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	61.89 3.68 0.00	52.89 3.19 0.00	39.20 2.29 0.00	53.24 3.11 0.00	40.37 2.39 0.00	48.44 2.92 0.00	44.16 2.68 0.00	36.11 2.23 0.00	40.90 2.60 0.00	54.19 3.51 0.00	69.34 4.52 0.00	64.40 4.21 0.00	83.19 5.41 0.00	73.40 4.65 0.00	64.69 4.04 0.00	46.27 3.03 0.00	51.58 3.44 0.00	56.21 3.84 0.00	51.00 3.55 0.00	53.37 3.71 0.00	57.43 4.00 0.00	64.18 4.21 0.00	73.77 4.62 0.00	102.08 6.13 0.00
VISCHER__FERRY HYD 24020	61.16 2.95 0.00	52.06 2.36 0.00	38.64 1.73 0.00	52.46 2.34 0.00	39.77 1.78 0.00	47.65 2.13 0.00	43.44 1.96 0.00	35.53 1.64 0.00	40.18 1.89 0.00	53.18 2.51 0.00	68.27 3.44 0.00	63.38 3.19 0.00	81.80 4.02 0.00	72.22 3.46 0.00	63.82 3.17 0.00	45.38 2.14 0.00	50.45 2.31 0.00	54.93 2.56 0.00	49.84 2.38 0.00	52.23 2.57 0.00	56.06 2.62 0.00	62.67 2.70 0.00	72.02 2.87 0.00	100.03 4.08 0.00
V_A_10_SYNC_DSASP 323832	53.89 -4.32 0.00	46.27 -3.43 0.00	34.31 -2.60 0.00	46.42 -3.70 0.00	35.38 -2.61 0.00	42.39 -3.13 0.00	38.33 -3.15 0.00	30.80 -3.08 0.00	34.74 -3.56 0.00	45.88 -4.79 0.00	58.23 -6.59 0.00	54.17 -6.02 0.00	70.06 -7.72 0.00	61.92 -6.84 0.00	54.79 -5.86 0.00	39.42 -3.82 0.00	43.50 -4.64 0.00	47.04 -5.33 0.00	42.26 -5.19 0.00	44.17 -5.49 0.00	47.99 -5.45 0.00	53.41 -6.55 0.00	62.14 -7.01 0.00	86.78 -9.17 0.00
V_CMM_10_SYNC_DSASP 323787	58.16 -0.05 0.00	49.90 0.20 0.00	37.05 0.14 0.00	50.41 0.28 0.00	38.14 0.15 0.00	45.73 0.21 0.00	41.62 0.14 0.00	33.92 0.03 0.00	38.30 0.01 0.00	50.65 -0.03 0.00	64.71 -0.11 0.00	60.05 -0.14 0.00	77.67 -0.11 0.00	68.69 -0.06 0.00	60.52 -0.13 0.00	43.18 -0.06 0.00	48.09 -0.04 0.00	52.12 -0.25 0.00	47.08 -0.37 0.00	49.32 -0.34 0.00	52.98 -0.45 0.00	59.92 -0.05 0.00	69.86 0.70 0.00	97.21 1.26 0.00
V_CMP_10_SYNC_DSASP 323788	59.42 1.21 0.00	50.75 1.05 0.00	37.55 0.64 0.00	51.11 0.98 0.00	38.67 0.68 0.00	46.43 0.91 0.00	42.33 0.85 0.00	34.61 0.72 0.00	38.95 0.65 0.00	51.75 1.08 0.00	66.05 1.22 0.00	61.05 0.86 0.00	78.76 0.98 0.00	69.61 0.85 0.00	61.49 0.84 0.00	43.77 0.53 0.00	48.82 0.68 0.00	52.86 0.49 0.00	47.91 0.45 0.00	50.09 0.43 0.00	53.94 0.50 0.00	60.96 0.99 0.00	70.87 1.71 0.00	98.51 2.56 0.00
V_D_10_SYNC_DSASP 323841	58.61 0.40 0.00	50.13 0.43 0.00	37.19 0.28 0.00	50.59 0.46 0.00	38.28 0.30 0.00	45.88 0.36 0.00	41.74 0.26 0.00	34.01 0.13 0.00	38.43 0.13 0.00	50.80 0.13 0.00	64.94 0.11 0.00	60.26 0.07 0.00	77.93 0.15 0.00	68.90 0.15 0.00	60.74 0.09 0.00	43.33 0.08 0.00	48.24 0.10 0.00	52.25 -0.12 0.00	47.32 -0.13 0.00	49.47 -0.19 0.00	53.28 -0.15 0.00	60.34 0.37 0.00	70.12 0.96 0.00	97.60 1.65 0.00
V_E_10_SYNC_DSASP 323830	63.92 5.70 0.00	54.37 4.66 0.00	40.35 3.44 0.00	54.61 4.48 0.00	41.46 3.47 0.00	49.83 4.31 0.00	45.43 3.95 0.00	37.30 3.42 0.00	42.32 4.02 0.00	55.98 5.30 0.00	71.34 6.52 0.00	66.21 6.02 0.00	85.39 7.61 0.00	75.27 6.52 0.00	66.30 5.65 0.00	47.63 4.38 0.00	53.28 5.14 0.00	58.12 5.76 0.00	52.53 5.07 0.00	54.94 5.28 0.00	59.17 5.74 0.00	65.96 6.00 0.00	75.81 6.65 0.00	104.90 8.95 0.00
V_F_30_NSYNC__DSASP 323816	61.87 3.66 0.00	52.61 2.91 0.00	39.03 2.13 0.00	53.00 2.87 0.00	40.18 2.20 0.00	48.18 2.66 0.00	43.92 2.44 0.00	35.96 2.08 0.00	40.72 2.43 0.00	53.92 3.24 0.00	69.13 4.31 0.00	64.19 4.00 0.00	82.82 5.04 0.00	73.12 4.37 0.00	64.59 3.95 0.00	46.04 2.79 0.00	51.25 3.11 0.00	55.84 3.47 0.00	50.62 3.17 0.00	53.02 3.37 0.00	56.96 3.53 0.00	63.67 3.70 0.00	73.09 3.94 0.00	101.37 5.41 0.00

V_F_30_SYNC_DSASP 323786	60.85 2.63 0.00	51.88 2.18 0.00	38.50 1.59 0.00	52.29 2.16 0.00	39.63 1.65 0.00	47.50 1.98 0.00	43.31 1.83 0.00	35.41 1.52 0.00	40.05 1.75 0.00	53.00 2.33 0.00	67.99 3.17 0.00	63.15 2.96 0.00	81.54 3.77 0.00	72.01 3.26 0.00	63.46 2.82 0.00	44.80 1.56 0.00	49.77 1.63 0.00	54.14 1.78 0.00	49.13 1.67 0.00	51.48 1.82 0.00	55.23 1.80 0.00	61.78 1.81 0.00	71.06 1.90 0.00	99.18 3.22 0.00
V_XM_10_SYNC_DSASP 323789	59.42 1.21 0.00	50.75 1.05 0.00	37.55 0.64 0.00	51.11 0.98 0.00	38.67 0.68 0.00	46.43 0.91 0.00	42.33 0.85 0.00	34.61 0.72 0.00	38.95 0.65 0.00	51.75 1.08 0.00	66.05 1.22 0.00	61.05 0.86 0.00	78.76 0.98 0.00	69.61 0.85 0.00	61.49 0.84 0.00	43.77 0.53 0.00	48.82 0.68 0.00	52.86 0.49 0.00	47.91 0.45 0.00	50.09 0.43 0.00	53.94 0.50 0.00	60.96 0.99 0.00	70.87 1.71 0.00	98.51 2.56 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	60.50 2.29 0.00	51.72 2.01 0.00	38.42 1.51 0.00	52.00 1.88 0.00	39.45 1.46 0.00	47.33 1.80 0.00	43.23 1.75 0.00	35.34 1.45 0.00	39.97 1.67 0.00	52.94 2.26 0.00	67.83 3.00 0.00	62.91 2.72 0.00	81.07 3.29 0.00	71.68 2.93 0.00	63.43 2.79 0.00	45.49 2.24 0.00	50.63 2.49 0.00	55.37 3.00 0.00	50.35 2.90 0.00	52.65 2.99 0.00	56.53 3.10 0.00	62.94 2.97 0.00	72.15 3.00 0.00	99.70 3.75 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	61.08 2.86 0.00	52.22 2.51 0.00	38.80 1.89 0.00	52.50 2.37 0.00	39.81 1.83 0.00	47.76 2.24 0.00	43.68 2.20 0.00	35.68 1.80 0.00	40.40 2.10 0.00	53.51 2.83 0.00	68.56 3.73 0.00	63.63 3.44 0.00	82.01 4.23 0.00	72.53 3.78 0.00	64.20 3.55 0.00	46.13 2.89 0.00	51.31 3.17 0.00	56.04 3.66 0.00	50.97 3.51 0.00	53.29 3.63 0.00	57.16 3.73 0.00	63.59 3.62 0.00	72.79 3.64 0.00	100.60 4.65 0.00
W50THST__13_KV_LOAD 356117	61.38 3.16 0.00	52.46 2.76 0.00	38.99 2.08 0.00	52.75 2.62 0.00	40.00 2.02 0.00	48.00 2.48 0.00	43.87 2.39 0.00	35.84 1.96 0.00	40.58 2.28 0.00	53.76 3.08 0.00	68.90 4.08 0.00	63.94 3.76 0.00	82.42 4.65 0.00	72.91 4.16 0.00	64.53 3.88 0.00	46.36 3.12 0.00	51.57 3.43 0.00	56.30 3.94 0.00	51.20 3.75 0.00	53.52 3.86 0.00	57.43 3.99 0.00	63.87 3.90 0.00	73.11 3.96 0.00	100.99 5.04 0.00
WADING RIVER_IC_1 23522	63.23 5.01 0.00	53.99 4.29 0.00	40.24 3.33 0.00	54.29 4.16 0.00	41.02 3.03 0.00	49.20 3.68 0.00	44.71 3.23 0.00	36.67 2.79 0.00	41.59 3.29 0.00	55.24 4.57 0.00	71.30 6.47 0.00	65.86 5.68 0.00	84.57 6.79 0.00	74.65 5.90 0.00	66.75 6.10 0.00	48.21 4.97 0.00	74.43 5.68 -20.61	103.40 6.66 -44.37	103.89 6.24 -50.19	111.77 6.51 -55.59	103.52 6.82 -43.26	66.97 6.99 -0.01	79.19 7.50 -2.54	105.60 9.65 0.00
WADING RIVER_IC_2 23547	63.23 5.01 0.00	53.99 4.29 0.00	40.24 3.33 0.00	54.29 4.16 0.00	41.02 3.03 0.00	49.20 3.68 0.00	44.71 3.23 0.00	36.67 2.79 0.00	41.59 3.29 0.00	55.24 4.57 0.00	71.30 6.47 0.00	65.86 5.68 0.00	84.57 6.79 0.00	74.65 5.90 0.00	66.75 6.10 0.00	48.21 4.97 0.00	74.43 5.68 -20.61	103.40 6.66 -44.37	103.89 6.24 -50.19	111.77 6.51 -55.59	103.52 6.82 -43.26	66.97 6.99 -0.01	79.19 7.50 -2.54	105.60 9.65 0.00
WADING RIVER_IC_3 23601	63.23 5.01 0.00	53.99 4.29 0.00	40.24 3.33 0.00	54.29 4.16 0.00	41.02 3.03 0.00	49.20 3.68 0.00	44.71 3.23 0.00	36.67 2.79 0.00	41.59 3.29 0.00	55.24 4.57 0.00	71.30 6.47 0.00	65.86 5.68 0.00	84.57 6.79 0.00	74.65 5.90 0.00	66.75 6.10 0.00	48.21 4.97 0.00	74.43 5.68 -20.61	103.40 6.66 -44.37	103.89 6.24 -50.19	111.77 6.51 -55.59	103.52 6.82 -43.26	66.97 6.99 -0.01	79.19 7.50 -2.54	105.60 9.65 0.00
WALDENNY_12_KV_BK2 80841	55.20 -3.02 0.00	47.41 -2.29 0.00	35.14 -1.76 0.00	47.50 -2.62 0.00	36.24 -1.75 0.00	43.40 -2.13 0.00	39.20 -2.28 0.00	31.48 -2.41 0.00	35.49 -2.81 0.00	46.84 -3.84 0.00	59.27 -5.55 0.00	55.20 -4.99 0.00	71.36 -6.42 0.00	63.11 -5.64 0.00	55.86 -4.78 0.00	40.25 -2.99 0.00	44.37 -3.77 0.00	47.95 -4.42 0.00	42.99 -4.47 0.00	44.98 -4.67 0.00	48.95 -4.49 0.00	54.41 -5.55 0.00	63.38 -5.77 0.00	88.46 -7.50 0.00
WALDEN__HYDRO 24148	61.04 2.82 0.00	52.12 2.42 0.00	38.71 1.81 0.00	52.42 2.29 0.00	39.76 1.78 0.00	47.69 2.17 0.00	43.57 2.09 0.00	35.63 1.75 0.00	40.33 2.03 0.00	53.42 2.74 0.00	68.37 3.54 0.00	63.36 3.17 0.00	81.63 3.86 0.00	72.15 3.40 0.00	63.84 3.20 0.00	45.80 2.55 0.00	51.07 2.93 0.00	55.83 3.46 0.00	50.73 3.28 0.00	53.06 3.40 0.00	56.99 3.55 0.00	63.48 3.52 0.00	72.79 3.63 0.00	100.59 4.64 0.00
WARRENSBURG____ 23737	62.29 4.08 0.00	52.91 3.21 0.00	39.24 2.34 0.00	53.29 3.16 0.00	40.41 2.43 0.00	48.44 2.92 0.00	44.13 2.65 0.00	36.21 2.32 0.00	41.04 2.75 0.00	54.39 3.72 0.00	69.73 4.90 0.00	64.67 4.49 0.00	83.37 5.59 0.00	73.60 4.85 0.00	65.12 4.47 0.00	46.45 3.21 0.00	51.77 3.63 0.00	56.37 4.00 0.00	51.10 3.65 0.00	53.56 3.90 0.00	57.48 4.05 0.00	64.22 4.25 0.00	73.66 4.50 0.00	102.09 6.14 0.00
WATERSIDE____6 8 9 23538	60.94 2.73 0.00	52.13 2.43 0.00	38.76 1.85 0.00	52.44 2.31 0.00	39.78 1.79 0.00	47.70 2.18 0.00	43.67 2.19 0.00	35.64 1.76 0.00	40.34 2.05 0.00	53.46 2.78 0.00	68.59 3.77 0.00	63.63 3.44 0.00	81.98 4.20 0.00	72.53 3.78 0.00	64.19 3.54 0.00	45.63 2.88 0.49	51.29 3.15 0.00	55.97 3.60 0.00	50.92 3.46 0.00	53.25 3.59 0.00	57.11 3.68 0.00	63.51 3.54 0.00	72.71 3.56 0.00	100.52 4.57 0.00
WATKINRD_115KV_LN8_ILLION 55919	59.32 1.11 0.00	50.55 0.86 0.00	37.49 0.59 0.00	50.89 0.76 0.00	38.58 0.59 0.00	46.25 0.72 0.00	42.19 0.71 0.00	34.56 0.68 0.00	39.14 0.84 0.00	51.84 1.17 0.00	66.37 1.55 0.00	61.57 1.39 0.00	79.55 1.78 0.00	70.29 1.54 0.00	62.00 1.35 0.00	44.09 0.85 0.00	49.13 0.99 0.00	53.58 1.21 0.00	48.60 1.14 0.00	50.89 1.24 0.00	54.67 1.24 0.00	61.13 1.16 0.00	70.17 1.02 0.00	97.38 1.43 0.00
WATSON__69_KV_BK 1 55734	63.24 5.03 0.00	54.04 4.34 0.00	40.19 3.29 0.00	54.28 4.15 0.00	41.10 3.11 0.00	49.30 3.78 0.00	44.86 3.38 0.00	36.77 2.89 0.00	41.67 3.37 0.00	55.37 4.69 0.00	71.32 6.50 0.00	65.92 5.73 0.00	84.56 6.78 0.00	74.77 6.02 0.00	66.73 6.08 0.00	48.06 4.81 0.00	74.66 5.44 -21.08	104.19 6.34 -45.48	105.03 5.98 -51.59	113.04 6.24 -57.14	104.42 6.51 -44.47	66.65 6.67 -0.01	78.95 7.19 -2.61	105.28 9.33 0.00
WDELAWARE__HYD 323627	60.40 2.19 0.00	51.71 2.01 0.00	38.39 1.49 0.00	52.00 1.88 0.00	39.44 1.45 0.00	47.34 1.82 0.00	43.24 1.76 0.00	35.38 1.50 0.00	40.09 1.79 0.00	53.08 2.41 0.00	67.77 2.95 0.00	62.76 2.58 0.00	80.73 2.95 0.00	71.26 2.51 0.00	63.12 2.47 0.00	45.41 2.17 0.00	50.80 2.66 0.00	55.57 3.20 0.00	50.45 2.99 0.00	52.76 3.10 0.00	56.69 3.25 0.00	63.17 3.20 0.00	72.40 3.24 0.00	99.96 4.01 0.00

WEST BABYLON___IC 23714	62.89 4.68 0.00	53.74 4.04 0.00	39.95 3.05 0.00	53.97 3.85 0.00	40.87 2.89 0.00	49.02 3.50 0.00	44.64 3.16 0.00	36.57 2.69 0.00	41.44 3.14 0.00	55.09 4.42 0.00	70.92 6.10 0.00	65.57 5.38 0.00	84.10 6.33 0.00	74.37 5.62 0.00	66.32 5.67 0.00	47.73 4.49 0.00	75.28 5.07 -22.07	106.12 5.90 -47.85	107.62 5.58 -54.58	115.95 5.84 -60.46	106.57 6.09 -47.05	66.17 6.19 -0.01	78.57 6.66 -2.76	104.56 8.61 0.00
WEST CANADA___HYD 24049	58.48 0.27 0.00	49.90 0.20 0.00	37.05 0.14 0.00	50.28 0.15 0.00	38.13 0.14 0.00	45.70 0.17 0.00	41.64 0.17 0.00	34.05 0.16 0.00	38.49 0.19 0.00	50.93 0.25 0.00	65.22 0.39 0.00	60.55 0.36 0.00	78.24 0.47 0.00	69.11 0.36 0.00	60.99 0.34 0.00	43.46 0.21 0.00	48.38 0.24 0.00	52.67 0.30 0.00	47.74 0.29 0.00	49.96 0.30 0.00	53.75 0.32 0.00	60.20 0.23 0.00	69.37 0.22 0.00	96.26 0.31 0.00
WESTERN_NY_WIND 24143	55.52 -2.70 0.00	47.59 -2.11 0.00	35.29 -1.62 0.00	47.71 -2.41 0.00	36.38 -1.61 0.00	43.62 -1.90 0.00	39.46 -2.02 0.00	31.79 -2.10 0.00	35.94 -2.36 0.00	47.46 -3.21 0.00	60.10 -4.72 0.00	55.88 -4.30 0.00	72.21 -5.56 0.00	63.84 -4.91 0.00	56.49 -4.16 0.00	40.67 -2.57 0.00	44.89 -3.24 0.00	48.60 -3.77 0.00	43.63 -3.83 0.00	45.59 -4.07 0.00	49.58 -3.85 0.00	55.11 -4.86 0.00	63.98 -5.17 0.00	89.09 -6.86 0.00
WESTOVER___LESR 323668	57.95 -0.26 0.00	49.47 -0.23 0.00	36.71 -0.20 0.00	49.76 -0.36 0.00	37.78 -0.21 0.00	45.33 -0.19 0.00	41.21 -0.27 0.00	33.69 -0.20 0.00	38.06 -0.24 0.00	50.43 -0.24 0.00	64.31 -0.51 0.00	59.80 -0.39 0.00	77.30 -0.47 0.00	68.36 -0.39 0.00	60.34 -0.31 0.00	43.05 -0.19 0.00	47.83 -0.31 0.00	52.10 -0.27 0.00	47.16 -0.30 0.00	49.38 -0.28 0.00	53.08 -0.35 0.00	59.30 -0.66 0.00	68.27 -0.88 0.00	94.73 -1.22 0.00
WETHRSFD_WT_PWR 323626	55.50 -2.72 0.00	47.59 -2.11 0.00	35.29 -1.61 0.00	47.73 -2.40 0.00	36.37 -1.61 0.00	43.60 -1.92 0.00	39.43 -2.05 0.00	31.83 -2.06 0.00	35.90 -2.39 0.00	47.41 -3.26 0.00	60.05 -4.77 0.00	55.85 -4.34 0.00	72.15 -5.63 0.00	63.84 -4.91 0.00	56.53 -4.11 0.00	40.66 -2.58 0.00	44.93 -3.21 0.00	48.69 -3.67 0.00	43.80 -3.66 0.00	45.82 -3.84 0.00	49.65 -3.79 0.00	55.28 -4.69 0.00	64.10 -5.06 0.00	89.26 -6.69 0.00
WHAVSTOR_138KV_BK127 55557	60.24 2.03 0.00	51.50 1.80 0.00	38.26 1.36 0.00	51.80 1.67 0.00	39.29 1.31 0.00	47.13 1.61 0.00	43.05 1.57 0.00	35.19 1.31 0.00	39.81 1.51 0.00	52.71 2.03 0.00	67.54 2.71 0.00	62.64 2.45 0.00	80.73 2.96 0.00	71.38 2.63 0.00	63.17 2.52 0.00	45.29 2.05 0.00	50.41 2.27 0.00	55.12 2.75 0.00	50.13 2.67 0.00	52.41 2.75 0.00	56.27 2.84 0.00	62.65 2.69 0.00	71.82 2.67 0.00	99.26 3.31 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	60.24 2.03 0.00	51.50 1.80 0.00	38.26 1.36 0.00	51.80 1.67 0.00	39.29 1.31 0.00	47.13 1.61 0.00	43.05 1.57 0.00	35.19 1.31 0.00	39.81 1.51 0.00	52.71 2.03 0.00	67.54 2.71 0.00	62.64 2.45 0.00	80.73 2.96 0.00	71.38 2.63 0.00	63.17 2.52 0.00	45.29 2.05 0.00	50.41 2.27 0.00	55.12 2.75 0.00	50.13 2.67 0.00	52.41 2.75 0.00	56.27 2.84 0.00	62.65 2.69 0.00	71.82 2.67 0.00	99.26 3.31 0.00
WHITEHAL_115KV_TB1 80871	64.00 5.79 0.00	53.95 4.25 0.00	39.96 3.06 0.00	54.27 4.14 0.00	41.15 3.16 0.00	49.35 3.82 0.00	44.72 3.24 0.00	36.86 2.97 0.00	41.75 3.45 0.00	55.36 4.69 0.00	70.98 6.15 0.00	65.61 5.42 0.00	84.32 6.54 0.00	74.42 5.68 0.00	66.46 5.82 0.00	47.53 4.29 0.00	52.98 4.84 0.00	57.59 5.22 0.00	52.28 4.82 0.00	54.91 5.25 0.00	58.77 5.34 0.00	65.58 5.61 0.00	75.07 5.91 0.00	104.22 8.27 0.00
WHITEPLN_13_KV_LOAD 356215	61.49 3.28 0.00	52.55 2.85 0.00	39.02 2.11 0.00	52.83 2.70 0.00	40.07 2.08 0.00	48.07 2.55 0.00	43.92 2.44 0.00	35.91 2.02 0.00	40.64 2.34 0.00	53.86 3.19 0.00	69.03 4.21 0.00	64.04 3.85 0.00	82.52 4.74 0.00	72.97 4.22 0.00	64.57 3.92 0.00	46.31 3.06 0.00	51.58 3.44 0.00	56.36 3.99 0.00	51.25 3.79 0.00	53.58 3.92 0.00	57.53 4.10 0.00	64.05 4.08 0.00	73.35 4.20 0.00	101.34 5.39 0.00
WM_FLOYD_69_KV_BK2 356380	63.10 4.88 0.00	53.89 4.19 0.00	40.14 3.24 0.00	54.19 4.07 0.00	40.96 2.97 0.00	49.14 3.61 0.00	44.65 3.18 0.00	36.64 2.75 0.00	41.51 3.21 0.00	55.13 4.46 0.00	71.11 6.29 0.00	65.68 5.49 0.00	84.32 6.54 0.00	74.44 5.69 0.00	66.56 5.92 0.00	48.06 4.82 0.00	74.25 5.47 -20.64	103.23 6.43 -44.44	103.78 6.05 -50.27	111.64 6.29 -55.68	103.35 6.58 -43.33	66.73 6.76 -0.01	78.93 7.24 -2.54	105.28 9.33 0.00
WOODARD___115KV_TB2 355635	56.86 -1.36 0.00	48.54 -1.16 0.00	36.04 -0.86 0.00	48.88 -1.25 0.00	37.12 -0.87 0.00	44.50 -1.02 0.00	40.51 -0.97 0.00	33.12 -0.76 0.00	37.41 -0.89 0.00	49.53 -1.15 0.00	63.26 -1.56 0.00	58.76 -1.42 0.00	75.91 -1.87 0.00	67.10 -1.65 0.00	59.21 -1.43 0.00	42.30 -0.95 0.00	47.07 -1.07 0.00	51.22 -1.15 0.00	46.38 -1.08 0.00	48.52 -1.14 0.00	52.20 -1.23 0.00	58.39 -1.58 0.00	67.26 -1.90 0.00	93.27 -2.69 0.00
YORK___WARBASSE 23770	61.25 3.03 0.00	52.49 2.79 0.00	39.03 2.12 0.00	52.74 2.61 0.00	40.04 2.05 0.00	47.99 2.47 0.00	43.92 2.44 0.00	35.83 1.94 0.00	40.55 2.25 0.00	53.67 3.00 0.00	68.81 3.98 0.00	63.88 3.70 0.00	82.34 4.56 0.00	72.88 4.13 0.00	64.54 3.90 0.00	48.86 3.20 -2.42	51.61 3.47 0.00	56.31 3.94 0.00	51.25 3.79 0.00	53.51 3.85 0.00	57.26 3.83 0.00	63.69 3.72 0.00	73.02 3.87 0.00	100.97 5.02 0.00