

ALBANY___2 23572	193.83 4.59 0.00	145.43 4.09 0.00	142.05 4.16 0.00	139.07 4.29 0.00	142.28 4.25 0.00	135.54 3.69 0.00	181.77 3.71 -47.91	292.98 4.52 -119.26	386.44 2.27 -290.15	254.92 3.03 -128.00	75.12 1.82 -0.45	73.39 1.93 -5.11	66.48 1.97 0.00	95.37 2.23 0.00	106.87 1.88 0.00	114.00 0.72 0.00	95.89 0.88 0.00	108.34 1.89 0.00	83.29 1.75 0.00	86.85 1.59 0.00	85.22 1.52 0.00	82.07 1.19 0.00	76.93 1.59 0.00	63.64 1.63 0.00
ALBANY___3 23573	193.83 4.59 0.00	145.43 4.09 0.00	142.05 4.16 0.00	139.07 4.29 0.00	142.28 4.25 0.00	135.54 3.69 0.00	181.77 3.71 -47.91	292.98 4.52 -119.26	386.44 2.27 -290.15	254.92 3.03 -128.00	75.12 1.82 -0.45	73.39 1.93 -5.11	66.48 1.97 0.00	95.37 2.23 0.00	106.87 1.88 0.00	114.00 0.72 0.00	95.89 0.88 0.00	108.34 1.89 0.00	83.29 1.75 0.00	86.85 1.59 0.00	85.22 1.52 0.00	82.07 1.19 0.00	76.93 1.59 0.00	63.64 1.63 0.00
ALBANY___4 23574	193.83 4.59 0.00	145.43 4.09 0.00	142.05 4.16 0.00	139.07 4.29 0.00	142.28 4.25 0.00	135.54 3.69 0.00	181.77 3.71 -47.91	292.98 4.52 -119.26	386.44 2.27 -290.15	254.92 3.03 -128.00	75.12 1.82 -0.45	73.39 1.93 -5.11	66.48 1.97 0.00	95.37 2.23 0.00	106.87 1.88 0.00	114.00 0.72 0.00	95.89 0.88 0.00	108.34 1.89 0.00	83.29 1.75 0.00	86.85 1.59 0.00	85.22 1.52 0.00	82.07 1.19 0.00	76.93 1.59 0.00	63.64 1.63 0.00
ALBANY___LFGE 323615	195.45 6.21 0.00	146.60 5.26 0.00	143.16 5.26 0.00	140.16 5.37 0.00	143.39 5.36 0.00	136.75 4.90 0.00	197.28 5.07 -62.06	338.55 6.33 -163.02	493.01 3.33 -395.66	308.38 4.29 -180.19	76.00 2.51 -0.64	76.22 2.56 -7.30	67.11 2.60 0.00	96.29 3.15 0.00	107.97 2.97 0.00	115.44 2.16 0.00	97.09 2.08 0.00	109.71 3.27 0.00	84.31 2.76 0.00	87.90 2.63 0.00	86.21 2.52 0.00	83.01 2.13 0.00	77.67 2.33 0.00	64.15 2.14 0.00
ALCOA_PA_115KV_PL-6C 55860	192.89 3.65 0.00	143.42 2.08 0.00	139.67 1.77 0.00	136.12 1.34 0.00	139.41 1.38 0.00	132.54 0.69 0.00	130.36 0.20 0.00	168.76 -0.44 0.00	94.15 0.13 0.00	124.46 0.57 0.00	73.42 0.57 0.00	66.77 0.42 0.00	64.81 0.31 0.00	93.96 0.83 0.00	106.51 1.52 0.00	115.51 2.23 0.00	96.70 1.70 0.00	106.75 0.31 0.00	81.63 0.08 0.00	85.55 0.28 0.00	84.13 0.44 0.00	81.92 1.04 0.00	76.94 1.60 0.00	63.49 1.49 0.00
ALCOA_RYNLDS___DRP 24188	192.89 3.65 0.00	143.42 2.08 0.00	139.67 1.77 0.00	136.12 1.34 0.00	139.41 1.38 0.00	132.54 0.69 0.00	130.36 0.20 0.00	168.76 -0.44 0.00	94.15 0.13 0.00	124.46 0.57 0.00	73.42 0.57 0.00	66.77 0.42 0.00	64.81 0.31 0.00	93.96 0.83 0.00	106.51 1.52 0.00	115.51 2.23 0.00	96.70 1.70 0.00	106.75 0.31 0.00	81.63 0.08 0.00	85.55 0.28 0.00	84.13 0.44 0.00	81.92 1.04 0.00	76.94 1.60 0.00	63.49 1.49 0.00
ALCOA___DSASP 323711	192.89 3.64 0.00	143.42 2.08 0.00	139.67 1.78 0.00	136.12 1.34 0.00	139.41 1.39 0.00	132.55 0.70 0.00	130.36 0.20 0.00	168.76 -0.44 0.00	94.16 0.14 0.00	124.51 0.62 0.00	73.43 0.58 0.00	66.78 0.42 0.00	64.81 0.31 0.00	93.96 0.83 0.00	106.51 1.52 0.00	115.51 2.23 0.00	96.70 1.70 0.00	106.75 0.31 0.00	81.63 0.08 0.00	85.55 0.28 0.00	84.14 0.44 0.00	81.92 1.04 0.00	76.94 1.60 0.00	63.49 1.49 0.00
ALLEGHENY___COGEN 23514	184.64 -4.61 0.00	137.12 -4.22 0.00	133.80 -4.10 0.00	130.96 -3.82 0.00	133.93 -4.10 0.00	128.16 -3.68 0.00	125.92 -2.92 1.32	166.11 -3.10 0.00	91.15 -1.78 1.09	111.67 -4.33 7.89	65.04 -3.28 4.53	59.81 -4.64 1.91	59.15 -5.36 0.00	86.51 -6.63 0.00	100.42 -4.58 0.00	107.35 -5.93 0.00	88.88 -6.13 0.00	100.74 -5.51 0.19	78.39 -3.09 0.07	81.56 -3.71 0.00	79.71 -3.98 0.00	77.32 -3.57 0.00	72.20 -3.14 0.00	59.61 -2.38 0.02
ALTAMONT_115KV_TB 2 55880	194.26 5.02 0.00	145.62 4.28 0.00	142.20 4.31 0.00	139.19 4.41 0.00	142.42 4.39 0.00	136.07 4.22 0.00	171.52 4.38 -36.98	269.01 5.86 -93.94	326.37 3.07 -229.29	229.62 3.97 -101.75	75.40 2.19 -0.36	72.58 2.15 -4.07	66.63 2.13 0.00	95.77 2.64 0.00	107.51 2.52 0.00	115.57 2.29 0.00	97.15 2.14 0.00	109.72 3.27 0.00	84.23 2.68 0.00	87.89 2.62 0.00	86.21 2.51 0.00	83.09 2.21 0.00	77.40 2.07 0.00	63.73 1.73 0.00
ALTONA_WT_PWR 323606	193.95 4.71 0.00	144.56 3.22 0.00	141.06 3.16 0.00	137.71 2.93 0.00	140.77 2.74 0.00	133.39 1.54 0.00	131.29 1.13 0.00	169.69 0.49 0.00	94.57 0.55 0.00	124.75 0.86 0.00	73.39 0.54 0.00	66.71 0.35 0.00	64.48 -0.02 0.00	92.84 -0.29 0.00	105.07 0.07 0.00	115.16 1.89 0.00	96.86 1.85 0.00	106.16 -0.29 0.00	81.26 -0.29 0.00	85.15 -0.12 0.00	83.74 0.04 0.00	81.38 0.49 0.00	75.92 0.58 0.00	62.90 0.90 0.00
AMERICAN_REF_FUEL 24010	175.30 -13.94 0.00	129.88 -11.46 0.00	126.57 -11.33 0.00	123.38 -11.40 0.00	126.32 -11.71 0.00	120.84 -11.01 0.00	117.85 -11.35 0.96	153.57 -15.63 0.00	78.17 -8.79 7.06	105.09 -12.47 6.33	59.38 -7.11 6.37	57.83 -7.41 1.11	56.73 -7.78 0.00	83.22 -9.91 0.00	95.08 -9.92 0.00	101.68 -11.60 0.00	82.95 -12.06 0.00	92.69 -13.64 0.11	71.15 -10.36 0.04	74.07 -11.20 0.00	72.45 -11.24 0.00	70.70 -10.18 0.00	66.53 -8.81 0.00	55.60 -6.28 0.12
ARKWRIGHT___SUMMIT_WT_PWR 323751	182.99 -6.26 0.00	135.30 -6.04 0.00	131.34 -6.55 0.00	126.75 -8.03 0.00	128.85 -9.18 0.00	123.61 -8.24 0.00	121.89 -7.08 1.18	160.08 -9.13 0.00	79.71 -5.70 8.61	107.22 -8.70 7.98	59.71 -5.24 7.90	59.23 -5.71 1.42	58.33 -6.18 0.00	85.82 -7.31 0.00	96.29 -8.70 0.00	101.81 -11.48 0.00	85.49 -9.52 0.00	97.77 -8.53 0.14	75.68 -5.82 0.05	78.43 -6.84 0.00	76.98 -6.71 0.00	74.55 -6.33 0.00	70.39 -4.95 0.00	58.50 -3.35 0.15
ARTHUR KILL_GT_1 23520	192.47 3.22 0.00	144.57 3.23 0.00	140.90 3.00 0.00	137.84 3.06 0.00	141.31 3.29 0.00	136.05 4.21 0.00	144.71 5.65 -8.90	201.75 8.78 -23.76	156.79 4.50 -58.27	-329.29 5.62 458.81	69.23 3.13 6.75	63.25 3.17 6.28	53.51 3.28 14.27	93.94 3.75 2.95	108.73 3.74 0.00	117.02 3.74 0.00	98.63 3.63 0.00	112.06 5.62 0.00	86.05 4.50 0.00	89.74 4.47 0.00	88.44 4.75 0.00	84.82 3.94 0.00	78.26 2.93 0.00	64.11 2.10 0.00
ARTHUR_KILL_2 23512	191.87 2.62 0.00	144.15 2.81 0.00	140.48 2.58 0.00	137.44 2.66 0.00	140.90 2.87 0.00	135.65 3.80 0.00	144.28 5.22 -8.90	201.22 8.25 -23.76	156.48 4.19 -58.27	-329.69 5.22 458.81	69.01 2.91 6.75	63.05 2.98 6.28	53.31 3.09 14.27	93.70 3.51 2.95	108.42 3.42 0.00	116.68 3.40 0.00	98.32 3.32 0.00	111.71 5.27 0.00	85.80 4.25 0.00	89.47 4.20 0.00	88.17 4.47 0.00	84.57 3.69 0.00	78.04 2.70 0.00	63.92 1.92 0.00
ARTHUR_KILL_3 23513	166.13 3.48 26.59	135.40 3.35 9.28	134.22 3.18 6.85	133.23 3.27 4.83	140.00 3.47 1.50	134.13 4.37 2.09	139.68 5.84 -3.69	182.41 8.92 -4.29	148.39 4.51 -49.86	153.50 5.64 -23.97	67.85 3.13 8.14	61.16 3.14 8.34	53.45 3.22 14.27	79.88 3.77 17.03	91.59 3.72 17.12	101.25 3.66 15.70	91.98 3.60 6.62	107.59 5.59 4.44	81.76 4.45 4.23	85.21 4.36 4.42	86.55 4.23 1.37	76.50 3.46 7.85	70.13 2.75 7.95	53.82 1.96 10.14

ARTHUR_KILL_COGEN 323718	192.47 3.22 0.00	144.57 3.23 0.00	140.90 3.00 0.00	137.84 3.06 0.00	141.31 3.29 0.00	136.05 4.21 0.00	144.71 5.65 -8.90	201.75 8.78 -23.76	156.79 4.50 -58.27	-329.29 5.62 458.81	69.23 3.13 6.75	63.25 3.17 6.28	53.51 3.28 14.27	93.94 3.75 2.95	108.73 3.74 0.00	117.02 3.74 0.00	98.63 3.63 0.00	112.06 5.62 0.00	86.05 4.50 0.00	89.74 4.47 0.00	88.44 4.75 0.00	84.82 3.94 0.00	78.26 2.93 0.00	64.11 2.10 0.00
ASHOKAN____ 23654	198.21 8.96 0.00	148.39 7.05 0.00	144.69 6.79 0.00	141.64 6.86 0.00	145.12 7.09 0.00	139.10 7.26 0.00	164.84 6.90 -27.78	247.60 9.92 -68.48	267.29 5.32 -167.95	203.60 6.99 -72.72	77.37 4.27 -0.25	73.25 4.01 -2.87	68.58 4.08 0.00	98.47 5.34 0.00	109.59 4.59 0.00	118.48 5.20 0.00	100.32 5.32 0.00	113.91 7.47 0.00	87.46 5.92 0.00	91.12 5.85 0.00	89.24 5.54 0.00	85.70 4.82 0.00	79.62 4.28 0.00	65.44 3.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	194.35 5.10 0.00	145.88 4.54 0.00	142.18 4.28 0.00	139.11 4.33 0.00	142.60 4.57 0.00	137.24 5.39 0.00	146.00 6.94 -8.90	203.09 10.12 -23.76	157.61 5.31 -58.27	156.96 6.66 -26.41	76.60 3.65 -0.09	71.10 3.68 -1.07	68.23 3.73 0.00	97.62 4.49 0.00	109.53 4.54 0.00	117.76 4.48 0.00	99.18 4.18 0.00	112.62 6.18 0.00	86.43 4.88 0.00	90.11 4.84 0.00	88.45 4.75 0.00	84.87 3.98 0.00	78.52 3.18 0.00	64.28 2.28 0.00
ASTORIA_EAST_ENERGY_CC2 323582	194.35 5.10 0.00	145.88 4.54 0.00	142.18 4.28 0.00	139.11 4.33 0.00	142.60 4.57 0.00	137.24 5.39 0.00	146.00 6.94 -8.90	203.09 10.12 -23.76	157.61 5.31 -58.27	156.96 6.66 -26.41	76.59 3.64 -0.09	71.10 3.67 -1.07	68.23 3.73 0.00	97.62 4.49 0.00	109.53 4.54 0.00	117.76 4.48 0.00	99.18 4.18 0.00	112.62 6.18 0.00	86.43 4.88 0.00	90.11 4.84 0.00	88.45 4.75 0.00	84.87 3.98 0.00	78.52 3.18 0.00	64.28 2.28 0.00
ASTORIA_GT2_1 24094	194.49 5.25 0.00	145.96 4.62 0.00	142.27 4.38 0.00	139.18 4.40 0.00	142.65 4.63 0.00	137.30 5.46 0.00	146.08 7.01 -8.90	203.17 10.20 -23.76	157.67 5.37 -58.27	157.06 6.75 -26.41	76.62 3.67 -0.09	71.12 3.69 -1.07	68.25 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.25 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.80 0.00	84.92 4.04 0.00	78.57 3.23 0.00	64.31 2.31 0.00
ASTORIA_GT2_2 24095	194.49 5.25 0.00	145.96 4.62 0.00	142.27 4.38 0.00	139.18 4.40 0.00	142.65 4.63 0.00	137.30 5.46 0.00	146.08 7.01 -8.90	203.17 10.20 -23.76	157.67 5.37 -58.27	157.06 6.75 -26.41	76.62 3.67 -0.09	71.12 3.69 -1.07	68.25 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.25 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.80 0.00	84.92 4.04 0.00	78.57 3.23 0.00	64.31 2.31 0.00
ASTORIA_GT2_3 24096	194.49 5.25 0.00	145.96 4.62 0.00	142.27 4.38 0.00	139.18 4.40 0.00	142.65 4.63 0.00	137.30 5.46 0.00	146.08 7.01 -8.90	203.17 10.20 -23.76	157.67 5.37 -58.27	157.06 6.75 -26.41	76.62 3.67 -0.09	71.12 3.69 -1.07	68.25 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.25 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.80 0.00	84.92 4.04 0.00	78.57 3.23 0.00	64.31 2.31 0.00
ASTORIA_GT2_4 24097	194.49 5.25 0.00	145.96 4.62 0.00	142.27 4.38 0.00	139.18 4.40 0.00	142.65 4.63 0.00	137.30 5.46 0.00	146.08 7.01 -8.90	203.17 10.20 -23.76	157.67 5.37 -58.27	157.06 6.75 -26.41	76.62 3.67 -0.09	71.12 3.69 -1.07	68.25 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.25 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.80 0.00	84.92 4.04 0.00	78.57 3.23 0.00	64.31 2.31 0.00
ASTORIA_GT3_1 24098	194.49 5.25 0.00	145.96 4.62 0.00	142.27 4.38 0.00	139.18 4.40 0.00	142.65 4.63 0.00	137.30 5.46 0.00	146.08 7.01 -8.90	203.17 10.20 -23.76	157.67 5.37 -58.27	157.06 6.75 -26.41	76.62 3.67 -0.09	71.12 3.69 -1.07	68.25 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.25 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.80 0.00	84.92 4.04 0.00	78.57 3.23 0.00	64.31 2.31 0.00
ASTORIA_GT3_2 24099	194.49 5.25 0.00	145.96 4.62 0.00	142.27 4.38 0.00	139.18 4.40 0.00	142.65 4.63 0.00	137.30 5.46 0.00	146.08 7.01 -8.90	203.17 10.20 -23.76	157.67 5.37 -58.27	157.06 6.75 -26.41	76.62 3.67 -0.09	71.12 3.69 -1.07	68.25 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.25 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.80 0.00	84.92 4.04 0.00	78.57 3.23 0.00	64.31 2.31 0.00
ASTORIA_GT3_3 24100	194.49 5.25 0.00	145.96 4.62 0.00	142.27 4.38 0.00	139.18 4.40 0.00	142.65 4.63 0.00	137.30 5.46 0.00	146.08 7.01 -8.90	203.17 10.20 -23.76	157.67 5.37 -58.27	157.06 6.75 -26.41	76.62 3.67 -0.09	71.12 3.69 -1.07	68.25 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.25 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.80 0.00	84.92 4.04 0.00	78.57 3.23 0.00	64.31 2.31 0.00
ASTORIA_GT3_4 24101	194.49 5.25 0.00	145.96 4.62 0.00	142.27 4.38 0.00	139.18 4.40 0.00	142.65 4.63 0.00	137.30 5.46 0.00	146.08 7.01 -8.90	203.17 10.20 -23.76	157.67 5.37 -58.27	157.06 6.75 -26.41	76.62 3.67 -0.09	71.12 3.69 -1.07	68.25 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.25 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.80 0.00	84.92 4.04 0.00	78.57 3.23 0.00	64.31 2.31 0.00
ASTORIA_GT4_1 24102	194.49 5.25 0.00	145.96 4.62 0.00	142.27 4.38 0.00	139.18 4.40 0.00	142.65 4.63 0.00	137.30 5.46 0.00	146.08 7.01 -8.90	203.17 10.20 -23.76	157.67 5.37 -58.27	157.06 6.75 -26.41	76.62 3.67 -0.09	71.12 3.69 -1.07	68.25 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.25 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.80 0.00	84.92 4.04 0.00	78.57 3.23 0.00	64.31 2.31 0.00
ASTORIA_GT4_2 24103	194.49 5.25 0.00	145.96 4.62 0.00	142.27 4.38 0.00	139.18 4.40 0.00	142.65 4.63 0.00	137.30 5.46 0.00	146.08 7.01 -8.90	203.17 10.20 -23.76	157.67 5.37 -58.27	157.06 6.75 -26.41	76.62 3.67 -0.09	71.12 3.69 -1.07	68.25 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.25 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.80 0.00	84.92 4.04 0.00	78.57 3.23 0.00	64.31 2.31 0.00
ASTORIA_GT4_3 24104	194.49 5.25 0.00	145.96 4.62 0.00	142.27 4.38 0.00	139.18 4.40 0.00	142.65 4.63 0.00	137.30 5.46 0.00	146.08 7.01 -8.90	203.17 10.20 -23.76	157.67 5.37 -58.27	157.06 6.75 -26.41	76.62 3.67 -0.09	71.12 3.69 -1.07	68.25 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.25 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.80 0.00	84.92 4.04 0.00	78.57 3.23 0.00	64.31 2.31 0.00

ASTORIA_GT4_4 24105	194.49 5.25 0.00	145.96 4.62 0.00	142.27 4.38 0.00	139.18 4.40 0.00	142.65 4.63 0.00	137.30 5.46 0.00	146.08 7.01 -8.90	203.17 10.20 -23.76	157.67 5.37 -58.27	157.06 6.75 -26.41	76.62 3.67 -0.09	71.12 3.69 -1.07	68.25 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.25 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.80 0.00	84.92 4.04 0.00	78.57 3.23 0.00	64.31 2.31 0.00
ASTORIA_GT_1 23523	194.84 5.59 0.00	146.22 4.88 0.00	142.52 4.63 0.00	139.41 4.63 0.00	142.88 4.85 0.00	137.52 5.67 0.00	146.32 7.26 -8.90	203.53 10.56 -23.76	157.87 5.57 -58.27	157.32 7.02 -26.41	76.75 3.81 -0.09	71.27 3.84 -1.07	68.39 3.89 0.00	97.88 4.74 0.00	109.82 4.83 0.00	118.07 4.79 0.00	99.44 4.44 0.00	112.89 6.44 0.00	86.64 5.09 0.00	90.33 5.06 0.00	88.66 4.96 0.00	85.08 4.19 0.00	78.69 3.36 0.00	64.42 2.42 0.00
ASTORIA_GT_10 24110	194.06 4.81 0.00	145.67 4.33 0.00	141.91 4.01 0.00	138.81 4.03 0.00	142.32 4.29 0.00	137.03 5.19 0.00	145.77 6.70 -8.90	203.00 10.03 -23.76	157.56 5.27 -58.27	157.31 6.65 -26.77	76.67 3.72 -0.09	71.12 3.70 -1.07	68.25 3.75 0.00	97.66 4.53 0.00	109.55 4.55 0.00	117.85 4.57 0.00	99.31 4.30 0.00	112.78 6.34 0.00	86.55 5.00 0.00	90.26 4.99 0.00	88.52 4.83 0.00	84.93 4.05 0.00	78.60 3.27 0.00	64.39 2.39 0.00
ASTORIA_GT_11 24225	194.06 4.81 0.00	145.67 4.33 0.00	141.91 4.01 0.00	138.81 4.03 0.00	142.32 4.29 0.00	137.03 5.19 0.00	145.77 6.70 -8.90	203.00 10.03 -23.76	157.56 5.27 -58.27	157.31 6.65 -26.77	76.67 3.72 -0.09	71.12 3.70 -1.07	68.25 3.75 0.00	97.66 4.53 0.00	109.55 4.55 0.00	117.85 4.57 0.00	99.31 4.30 0.00	112.78 6.34 0.00	86.55 5.00 0.00	90.26 4.99 0.00	88.52 4.83 0.00	84.93 4.05 0.00	78.60 3.27 0.00	64.39 2.39 0.00
ASTORIA_GT_12 24226	194.06 4.81 0.00	145.67 4.33 0.00	141.91 4.01 0.00	138.81 4.03 0.00	142.32 4.29 0.00	137.03 5.19 0.00	145.77 6.70 -8.90	203.00 10.03 -23.76	157.56 5.27 -58.27	157.31 6.65 -26.77	76.67 3.72 -0.09	71.12 3.70 -1.07	68.25 3.75 0.00	97.66 4.53 0.00	109.55 4.55 0.00	117.85 4.57 0.00	99.31 4.30 0.00	112.78 6.34 0.00	86.55 5.00 0.00	90.26 4.99 0.00	88.52 4.83 0.00	84.93 4.05 0.00	78.60 3.27 0.00	64.39 2.39 0.00
ASTORIA_GT_13 24227	194.06 4.81 0.00	145.67 4.33 0.00	141.91 4.01 0.00	138.81 4.03 0.00	142.32 4.29 0.00	137.03 5.19 0.00	145.77 6.70 -8.90	203.00 10.03 -23.76	157.56 5.27 -58.27	157.31 6.65 -26.77	76.67 3.72 -0.09	71.12 3.70 -1.07	68.25 3.75 0.00	97.66 4.53 0.00	109.55 4.55 0.00	117.85 4.57 0.00	99.31 4.30 0.00	112.78 6.34 0.00	86.55 5.00 0.00	90.26 4.99 0.00	88.52 4.83 0.00	84.93 4.05 0.00	78.60 3.27 0.00	64.39 2.39 0.00
ASTORIA_GT_5 24106	194.84 5.59 0.00	146.22 4.88 0.00	142.52 4.62 0.00	139.40 4.62 0.00	142.88 4.86 0.00	137.51 5.67 0.00	146.33 7.27 -8.90	203.52 10.55 -23.76	157.87 5.58 -58.27	157.36 7.05 -26.41	76.78 3.83 -0.09	71.26 3.83 -1.07	68.39 3.88 0.00	97.88 4.75 0.00	109.82 4.83 0.00	118.08 4.79 0.00	99.44 4.44 0.00	112.89 6.44 0.00	86.64 5.09 0.00	90.33 5.06 0.00	88.67 4.97 0.00	85.08 4.20 0.00	78.69 3.36 0.00	64.43 2.43 0.00
ASTORIA_GT_7 24107	194.84 5.59 0.00	146.22 4.88 0.00	142.52 4.62 0.00	139.40 4.62 0.00	142.88 4.86 0.00	137.51 5.67 0.00	146.33 7.27 -8.90	203.52 10.55 -23.76	157.87 5.58 -58.27	157.36 7.05 -26.41	76.78 3.83 -0.09	71.26 3.83 -1.07	68.39 3.88 0.00	97.88 4.75 0.00	109.82 4.83 0.00	118.08 4.79 0.00	99.44 4.44 0.00	112.89 6.44 0.00	86.64 5.09 0.00	90.33 5.06 0.00	88.67 4.97 0.00	85.08 4.20 0.00	78.69 3.36 0.00	64.43 2.43 0.00
ASTORIA_GT_8 24108	194.84 5.59 0.00	146.22 4.88 0.00	142.52 4.62 0.00	139.40 4.62 0.00	142.88 4.86 0.00	137.51 5.67 0.00	146.33 7.27 -8.90	203.52 10.55 -23.76	157.87 5.58 -58.27	157.36 7.05 -26.41	76.78 3.83 -0.09	71.26 3.83 -1.07	68.39 3.88 0.00	97.88 4.75 0.00	109.82 4.83 0.00	118.08 4.79 0.00	99.44 4.44 0.00	112.89 6.44 0.00	86.64 5.09 0.00	90.33 5.06 0.00	88.67 4.97 0.00	85.08 4.20 0.00	78.69 3.36 0.00	64.43 2.43 0.00
ASTORIA___2 24149	194.49 5.25 0.00	145.95 4.61 0.00	142.27 4.38 0.00	139.19 4.41 0.00	142.65 4.62 0.00	137.32 5.47 0.00	146.07 7.01 -8.90	203.17 10.20 -23.76	157.65 5.36 -58.27	157.02 6.72 -26.41	76.61 3.66 -0.09	71.12 3.70 -1.07	68.26 3.75 0.00	97.69 4.56 0.00	109.61 4.62 0.00	117.83 4.55 0.00	99.25 4.24 0.00	112.67 6.23 0.00	86.47 4.93 0.00	90.16 4.89 0.00	88.49 4.79 0.00	84.92 4.04 0.00	78.56 3.23 0.00	64.31 2.31 0.00
ASTORIA___3 23516	194.04 4.79 0.00	145.66 4.32 0.00	141.91 4.01 0.00	138.82 4.04 0.00	142.33 4.30 0.00	137.03 5.18 0.00	145.76 6.70 -8.90	203.00 10.03 -23.76	157.54 5.24 -58.27	157.27 6.61 -26.77	76.65 3.70 -0.09	71.13 3.71 -1.07	68.26 3.75 0.00	97.67 4.53 0.00	109.55 4.56 0.00	117.86 4.57 0.00	99.30 4.29 0.00	112.77 6.33 0.00	86.55 5.00 0.00	90.25 4.98 0.00	88.52 4.82 0.00	84.93 4.05 0.00	78.60 3.26 0.00	64.39 2.39 0.00
ASTORIA___4 23517	194.06 4.81 0.00	145.67 4.33 0.00	141.91 4.01 0.00	138.81 4.03 0.00	142.32 4.29 0.00	137.03 5.19 0.00	145.77 6.70 -8.90	203.00 10.03 -23.76	157.56 5.27 -58.27	157.31 6.65 -26.77	76.67 3.72 -0.09	71.12 3.70 -1.07	68.25 3.75 0.00	97.66 4.53 0.00	109.55 4.55 0.00	117.85 4.57 0.00	99.31 4.30 0.00	112.78 6.34 0.00	86.55 5.00 0.00	90.26 4.99 0.00	88.52 4.83 0.00	84.93 4.05 0.00	78.60 3.27 0.00	64.39 2.39 0.00
ASTORIA___5 23518	194.04 4.79 0.00	145.66 4.32 0.00	141.91 4.01 0.00	138.82 4.04 0.00	142.33 4.30 0.00	137.03 5.18 0.00	145.76 6.70 -8.90	203.00 10.03 -23.76	157.54 5.24 -58.27	157.27 6.61 -26.77	76.65 3.70 -0.09	71.13 3.71 -1.07	68.26 3.75 0.00	97.67 4.53 0.00	109.55 4.56 0.00	117.86 4.57 0.00	99.30 4.29 0.00	112.77 6.33 0.00	86.55 5.00 0.00	90.25 4.98 0.00	88.52 4.82 0.00	84.93 4.05 0.00	78.60 3.26 0.00	64.39 2.39 0.00
AST_ENERGY_2_CC3 323677	193.32 4.07 0.00	145.14 3.81 0.00	141.44 3.55 0.00	138.38 3.60 0.00	141.84 3.81 0.00	136.55 4.70 0.00	145.21 6.15 -8.90	202.22 9.25 -23.76	157.07 4.78 -58.27	156.29 6.05 -26.35	76.35 3.40 -0.09	70.85 3.42 -1.07	68.10 3.59 0.00	97.42 4.29 0.00	109.23 4.24 0.00	117.47 4.19 0.00	98.91 3.90 0.00	112.33 5.88 0.00	86.20 4.65 0.00	89.85 4.58 0.00	88.14 4.44 0.00	84.55 3.67 0.00	78.28 2.94 0.00	64.12 2.12 0.00
AST_ENERGY_2_CC4 323678	193.32 4.07 0.00	145.14 3.81 0.00	141.44 3.55 0.00	138.38 3.60 0.00	141.84 3.81 0.00	136.55 4.70 0.00	145.21 6.15 -8.90	202.22 9.25 -23.76	157.07 4.78 -58.27	156.29 6.05 -26.35	76.35 3.40 -0.09	70.85 3.42 -1.07	68.10 3.59 0.00	97.42 4.29 0.00	109.23 4.24 0.00	117.47 4.19 0.00	98.91 3.90 0.00	112.33 5.88 0.00	86.20 4.65 0.00	89.85 4.58 0.00	88.14 4.44 0.00	84.55 3.67 0.00	78.28 2.94 0.00	64.12 2.12 0.00

BARRETT_IC_5 23708	194.31 5.06 0.00	146.70 5.36 0.00	142.64 4.74 0.00	139.75 4.96 0.00	143.54 5.51 0.00	138.21 6.37 0.00	146.33 7.27 -8.90	202.43 9.47 -23.75	156.93 4.65 -58.26	160.06 5.81 -30.35	109.01 3.62 -32.53	103.19 3.67 -33.16	109.85 3.77 -41.57	97.56 4.42 0.00	109.01 4.02 0.00	117.75 4.47 0.00	99.53 4.52 0.00	118.86 6.56 -5.85	86.52 4.97 0.00	90.20 4.93 0.00	88.39 4.69 0.00	84.73 3.84 0.00	78.88 3.54 0.00	64.84 2.84 0.00
BARRETT_IC_6 23709	194.31 5.06 0.00	146.70 5.36 0.00	142.64 4.74 0.00	139.75 4.96 0.00	143.54 5.51 0.00	138.21 6.37 0.00	146.33 7.27 -8.90	202.43 9.47 -23.75	156.93 4.65 -58.26	160.06 5.81 -30.35	109.01 3.62 -32.53	103.19 3.67 -33.16	109.85 3.77 -41.57	97.56 4.42 0.00	109.01 4.02 0.00	117.75 4.47 0.00	99.53 4.52 0.00	118.86 6.56 -5.85	86.52 4.97 0.00	90.20 4.93 0.00	88.39 4.69 0.00	84.73 3.84 0.00	78.88 3.54 0.00	64.84 2.84 0.00
BARRETT_IC_7 23710	194.31 5.06 0.00	146.70 5.36 0.00	142.64 4.74 0.00	139.74 4.96 0.00	143.54 5.51 0.00	138.21 6.37 0.00	146.34 7.27 -8.90	202.43 9.47 -23.75	156.93 4.66 -58.26	160.07 5.83 -30.35	109.02 3.63 -32.53	103.16 3.65 -33.16	109.84 3.76 -41.57	97.55 4.42 0.00	109.02 4.02 0.00	117.75 4.47 0.00	99.53 4.52 0.00	118.85 6.56 -5.85	86.52 4.97 0.00	90.20 4.93 0.00	88.39 4.70 0.00	84.72 3.84 0.00	78.88 3.54 0.00	64.85 2.85 0.00
BARRETT_IC_8 23711	194.31 5.06 0.00	146.70 5.36 0.00	142.64 4.74 0.00	139.75 4.96 0.00	143.54 5.51 0.00	138.21 6.37 0.00	146.33 7.27 -8.90	202.43 9.47 -23.75	156.93 4.65 -58.26	160.06 5.81 -30.35	109.01 3.62 -32.53	103.19 3.67 -33.16	109.85 3.77 -41.57	97.56 4.42 0.00	109.01 4.02 0.00	117.75 4.47 0.00	99.53 4.52 0.00	118.86 6.56 -5.85	86.52 4.97 0.00	90.20 4.93 0.00	88.39 4.69 0.00	84.73 3.84 0.00	78.88 3.54 0.00	64.84 2.84 0.00
BARRETT_IC_9 23700	194.31 5.06 0.00	146.70 5.36 0.00	142.64 4.74 0.00	139.75 4.96 0.00	143.54 5.51 0.00	138.21 6.37 0.00	146.33 7.27 -8.90	202.43 9.47 -23.75	156.93 4.65 -58.26	160.06 5.81 -30.35	109.01 3.62 -32.53	103.19 3.67 -33.16	109.85 3.77 -41.57	97.56 4.42 0.00	109.01 4.02 0.00	117.75 4.47 0.00	99.53 4.52 0.00	118.86 6.56 -5.85	86.52 4.97 0.00	90.20 4.93 0.00	88.39 4.69 0.00	84.73 3.84 0.00	78.88 3.54 0.00	64.84 2.84 0.00
BARRETT___1 23545	194.31 5.06 0.00	146.70 5.36 0.00	142.64 4.74 0.00	139.75 4.96 0.00	143.54 5.51 0.00	138.21 6.37 0.00	146.33 7.27 -8.90	202.43 9.47 -23.75	156.93 4.65 -58.26	160.06 5.81 -30.35	109.01 3.62 -32.53	103.19 3.67 -33.16	109.85 3.77 -41.57	97.56 4.42 0.00	109.01 4.02 0.00	117.75 4.47 0.00	99.53 4.52 0.00	118.86 6.56 -5.85	86.52 4.97 0.00	90.20 4.93 0.00	88.39 4.69 0.00	84.73 3.84 0.00	78.88 3.54 0.00	64.84 2.84 0.00
BARRETT___2 23546	194.31 5.06 0.00	146.70 5.36 0.00	142.64 4.74 0.00	139.75 4.96 0.00	143.54 5.51 0.00	138.21 6.37 0.00	146.33 7.27 -8.90	202.43 9.47 -23.75	156.93 4.65 -58.26	160.06 5.81 -30.35	109.01 3.62 -32.53	103.19 3.67 -33.16	109.85 3.77 -41.57	97.56 4.42 0.00	109.01 4.02 0.00	117.75 4.47 0.00	99.53 4.52 0.00	118.86 6.56 -5.85	86.52 4.97 0.00	90.20 4.93 0.00	88.39 4.69 0.00	84.73 3.84 0.00	78.88 3.54 0.00	64.84 2.84 0.00
BATAVIA___115KV_TB1 55881	183.15 -6.09 0.00	135.73 -5.61 0.00	132.28 -5.62 0.00	129.13 -5.65 0.00	132.34 -5.69 0.00	126.95 -4.90 0.00	124.82 -4.65 0.69	163.02 -6.18 0.00	90.44 -3.59 0.00	114.66 -5.57 3.66	67.84 -3.13 1.88	61.67 -3.77 0.92	60.30 -4.20 0.00	88.34 -4.79 0.00	100.48 -4.52 0.00	107.68 -5.60 0.00	88.57 -6.44 0.00	99.54 -6.81 0.09	76.44 -5.07 0.03	79.41 -5.86 0.00	77.60 -6.09 0.00	75.32 -5.57 0.00	70.51 -4.83 0.00	58.63 -3.37 0.00
BAYONEEC___CTG1 323682	193.77 4.52 0.00	145.43 4.09 0.00	141.76 3.86 0.00	138.74 3.96 0.00	142.18 4.15 0.00	136.85 5.01 0.00	145.51 6.45 -8.90	202.65 9.68 -23.76	157.28 4.99 -58.27	156.19 6.33 -25.97	76.48 3.53 -0.09	70.29 3.51 -0.42	63.73 3.58 4.35	97.04 4.29 0.38	109.25 4.26 0.00	117.52 4.24 0.00	99.07 4.07 0.00	112.52 6.07 0.00	86.36 4.81 0.00	90.01 4.74 0.00	88.31 4.61 0.00	84.71 3.83 0.00	78.44 3.10 0.00	64.27 2.26 0.00
BAYONEEC___CTG10 323750	193.77 4.52 0.00	145.43 4.09 0.00	141.76 3.86 0.00	138.74 3.96 0.00	142.18 4.15 0.00	136.85 5.01 0.00	145.51 6.45 -8.90	202.65 9.68 -23.76	157.28 4.99 -58.27	156.19 6.33 -25.97	76.48 3.53 -0.09	70.29 3.51 -0.42	63.73 3.58 4.35	97.04 4.29 0.38	109.25 4.26 0.00	117.52 4.24 0.00	99.07 4.07 0.00	112.52 6.07 0.00	86.36 4.81 0.00	90.01 4.74 0.00	88.31 4.61 0.00	84.71 3.83 0.00	78.44 3.10 0.00	64.27 2.26 0.00
BAYONEEC___CTG2 323683	193.77 4.52 0.00	145.43 4.09 0.00	141.76 3.86 0.00	138.74 3.96 0.00	142.18 4.15 0.00	136.85 5.01 0.00	145.51 6.45 -8.90	202.65 9.68 -23.76	157.28 4.99 -58.27	156.19 6.33 -25.97	76.48 3.53 -0.09	70.29 3.51 -0.42	63.73 3.58 4.35	97.04 4.29 0.38	109.25 4.26 0.00	117.52 4.24 0.00	99.07 4.07 0.00	112.52 6.07 0.00	86.36 4.81 0.00	90.01 4.74 0.00	88.31 4.61 0.00	84.71 3.83 0.00	78.44 3.10 0.00	64.27 2.26 0.00
BAYONEEC___CTG3 323684	193.77 4.52 0.00	145.43 4.09 0.00	141.76 3.86 0.00	138.74 3.96 0.00	142.18 4.15 0.00	136.85 5.01 0.00	145.51 6.45 -8.90	202.65 9.68 -23.76	157.28 4.99 -58.27	156.19 6.33 -25.97	76.48 3.53 -0.09	70.29 3.51 -0.42	63.73 3.58 4.35	97.04 4.29 0.38	109.25 4.26 0.00	117.52 4.24 0.00	99.07 4.07 0.00	112.52 6.07 0.00	86.36 4.81 0.00	90.01 4.74 0.00	88.31 4.61 0.00	84.71 3.83 0.00	78.44 3.10 0.00	64.27 2.26 0.00
BAYONEEC___CTG4 323685	193.77 4.52 0.00	145.43 4.09 0.00	141.76 3.86 0.00	138.74 3.96 0.00	142.18 4.15 0.00	136.85 5.01 0.00	145.51 6.45 -8.90	202.65 9.68 -23.76	157.28 4.99 -58.27	156.19 6.33 -25.97	76.48 3.53 -0.09	70.29 3.51 -0.42	63.73 3.58 4.35	97.04 4.29 0.38	109.25 4.26 0.00	117.52 4.24 0.00	99.07 4.07 0.00	112.52 6.07 0.00	86.36 4.81 0.00	90.01 4.74 0.00	88.31 4.61 0.00	84.71 3.83 0.00	78.44 3.10 0.00	64.27 2.26 0.00
BAYONEEC___CTG5 323686	193.77 4.52 0.00	145.43 4.09 0.00	141.76 3.86 0.00	138.74 3.96 0.00	142.18 4.15 0.00	136.85 5.01 0.00	145.51 6.45 -8.90	202.65 9.68 -23.76	157.28 4.99 -58.27	156.19 6.33 -25.97	76.48 3.53 -0.09	70.29 3.51 -0.42	63.73 3.58 4.35	97.04 4.29 0.38	109.25 4.26 0.00	117.52 4.24 0.00	99.07 4.07 0.00	112.52 6.07 0.00	86.36 4.81 0.00	90.01 4.74 0.00	88.31 4.61 0.00	84.71 3.83 0.00	78.44 3.10 0.00	64.27 2.26 0.00
BAYONEEC___CTG6 323687	193.77 4.52 0.00	145.43 4.09 0.00	141.76 3.86 0.00	138.74 3.96 0.00	142.18 4.15 0.00	136.85 5.01 0.00	145.51 6.45 -8.90	202.65 9.68 -23.76	157.28 4.99 -58.27	156.19 6.33 -25.97	76.48 3.53 -0.09	70.29 3.51 -0.42	63.73 3.58 4.35	97.04 4.29 0.38	109.25 4.26 0.00	117.52 4.24 0.00	99.07 4.07 0.00	112.52 6.07 0.00	86.36 4.81 0.00	90.01 4.74 0.00	88.31 4.61 0.00	84.71 3.83 0.00	78.44 3.10 0.00	64.27 2.26 0.00

BAYONEEC___CTG7 323688	193.77 4.52 0.00	145.43 4.09 0.00	141.76 3.86 0.00	138.74 3.96 0.00	142.18 4.15 0.00	136.85 5.01 0.00	145.51 6.45 -8.90	202.65 9.68 -23.76	157.28 4.99 -58.27	156.19 6.33 -25.97	76.48 3.53 -0.09	70.29 3.51 -0.42	63.73 3.58 4.35	97.04 4.29 0.38	109.25 4.26 0.00	117.52 4.24 0.00	99.07 4.07 0.00	112.52 6.07 0.00	86.36 4.81 0.00	90.01 4.74 0.00	88.31 4.61 0.00	84.71 3.83 0.00	78.44 3.10 0.00	64.27 2.26 0.00
BAYONEEC___CTG8 323689	193.77 4.52 0.00	145.43 4.09 0.00	141.76 3.86 0.00	138.74 3.96 0.00	142.18 4.15 0.00	136.85 5.01 0.00	145.51 6.45 -8.90	202.65 9.68 -23.76	157.28 4.99 -58.27	156.19 6.33 -25.97	76.48 3.53 -0.09	70.29 3.51 -0.42	63.73 3.58 4.35	97.04 4.29 0.38	109.25 4.26 0.00	117.52 4.24 0.00	99.07 4.07 0.00	112.52 6.07 0.00	86.36 4.81 0.00	90.01 4.74 0.00	88.31 4.61 0.00	84.71 3.83 0.00	78.44 3.10 0.00	64.27 2.26 0.00
BAYONEEC___CTG9 323749	193.77 4.52 0.00	145.43 4.09 0.00	141.76 3.86 0.00	138.74 3.96 0.00	142.18 4.15 0.00	136.85 5.01 0.00	145.51 6.45 -8.90	202.65 9.68 -23.76	157.28 4.99 -58.27	156.19 6.33 -25.97	76.48 3.53 -0.09	70.29 3.51 -0.42	63.73 3.58 4.35	97.04 4.29 0.38	109.25 4.26 0.00	117.52 4.24 0.00	99.07 4.07 0.00	112.52 6.07 0.00	86.36 4.81 0.00	90.01 4.74 0.00	88.31 4.61 0.00	84.71 3.83 0.00	78.44 3.10 0.00	64.27 2.26 0.00
BEACON___LESR 323632	196.49 7.24 0.00	147.26 5.92 0.00	143.78 5.88 0.00	140.77 5.99 0.00	144.06 6.04 0.00	137.34 5.50 0.00	185.15 5.84 -49.16	295.06 7.22 -118.63	389.47 3.79 -291.66	253.20 4.89 -124.41	76.00 2.72 -0.42	73.88 2.65 -4.88	67.17 2.67 0.00	96.54 3.41 0.00	107.88 2.88 0.00	115.52 2.24 0.00	97.56 2.56 0.00	110.24 3.80 0.00	84.74 3.19 0.00	88.44 3.17 0.00	86.60 2.91 0.00	83.37 2.48 0.00	78.02 2.68 0.00	64.44 2.44 0.00
BEAVER RIVER___HYD 24048	192.56 3.32 0.00	143.78 2.44 0.00	139.88 1.98 0.00	137.10 2.32 0.00	141.56 3.53 0.00	136.11 4.26 0.00	134.47 4.31 0.00	175.07 5.86 0.00	97.66 3.64 0.00	128.70 4.81 0.00	75.07 2.22 0.00	68.07 1.71 0.00	66.10 1.60 0.00	94.23 1.10 0.00	106.06 1.06 0.00	115.81 2.53 0.00	98.40 3.40 0.00	109.88 3.43 0.00	84.37 2.83 0.00	87.61 2.34 0.00	86.12 2.43 0.00	83.18 2.30 0.00	78.05 2.71 0.00	64.16 2.16 0.00
BEEBEE_GT_13 23619	182.46 -6.79 0.00	135.56 -5.77 0.00	132.17 -5.72 0.00	129.14 -5.64 0.00	132.34 -5.69 0.00	126.83 -5.02 0.00	124.83 -4.82 0.51	162.74 -6.46 0.00	90.19 -3.84 0.00	115.70 -5.73 2.47	68.32 -3.26 1.27	62.20 -3.54 0.62	60.78 -3.72 0.00	88.63 -4.51 0.00	100.60 -4.40 0.00	107.98 -5.30 0.00	89.48 -5.53 0.00	100.51 -5.88 0.06	77.12 -4.41 0.02	80.28 -4.99 0.00	78.50 -5.20 0.00	76.01 -4.87 0.00	71.02 -4.32 0.00	58.77 -3.23 0.00
BENSHRST_27_KV_BENSHRST_1 355998	194.63 5.38 0.00	146.14 4.80 0.00	142.45 4.55 0.00	139.34 4.55 0.00	142.86 4.83 0.00	137.62 5.77 0.00	146.39 7.33 -8.90	203.98 11.01 -23.76	158.09 5.79 -58.27	158.69 7.30 -27.50	77.07 4.13 -0.09	71.51 4.09 -1.07	68.64 4.14 0.00	98.21 5.08 0.00	110.16 5.17 0.00	118.54 5.26 0.00	99.90 4.90 0.00	113.50 7.05 0.00	87.13 5.58 0.00	90.86 5.59 0.00	89.33 5.64 0.00	85.71 4.83 0.00	79.19 3.85 0.00	64.87 2.87 0.00
BETHLEHEM___GRP 23843	193.83 4.59 0.00	145.43 4.09 0.00	142.05 4.16 0.00	139.07 4.29 0.00	142.28 4.25 0.00	135.54 3.69 0.00	181.77 3.71 -47.91	292.98 4.52 -119.26	386.44 2.27 -290.15	254.92 3.03 -128.00	75.12 1.82 -0.45	73.39 1.93 -5.11	66.48 1.97 0.00	95.37 2.23 0.00	106.87 1.88 0.00	114.00 0.72 0.00	95.89 0.88 0.00	108.34 1.89 0.00	83.29 1.75 0.00	86.85 1.59 0.00	85.22 1.52 0.00	82.07 1.19 0.00	76.93 1.59 0.00	63.64 1.63 0.00
BETHLEHEM___GS1 323560	193.83 4.58 0.00	145.43 4.09 0.00	142.05 4.16 0.00	139.07 4.29 0.00	142.28 4.25 0.00	135.54 3.69 0.00	181.77 3.70 -47.91	292.98 4.52 -119.26	386.44 2.27 -290.15	254.92 3.02 -128.00	75.11 1.81 -0.45	73.40 1.93 -5.11	66.48 1.97 0.00	95.37 2.23 0.00	106.87 1.88 0.00	114.01 0.72 0.00	95.88 0.88 0.00	108.34 1.89 0.00	83.29 1.75 0.00	86.85 1.58 0.00	85.22 1.52 0.00	82.07 1.19 0.00	76.93 1.59 0.00	63.63 1.63 0.00
BETHLEHEM___GS2 323561	193.83 4.58 0.00	145.43 4.09 0.00	142.05 4.16 0.00	139.07 4.29 0.00	142.28 4.25 0.00	135.54 3.69 0.00	181.77 3.70 -47.91	292.98 4.52 -119.26	386.44 2.27 -290.15	254.92 3.02 -128.00	75.11 1.81 -0.45	73.40 1.93 -5.11	66.48 1.97 0.00	95.37 2.23 0.00	106.87 1.88 0.00	114.01 0.72 0.00	95.88 0.88 0.00	108.34 1.89 0.00	83.29 1.75 0.00	86.85 1.58 0.00	85.22 1.52 0.00	82.07 1.19 0.00	76.93 1.59 0.00	63.63 1.63 0.00
BETHLEHEM___GS3 323562	193.83 4.58 0.00	145.43 4.09 0.00	142.05 4.16 0.00	139.07 4.29 0.00	142.28 4.25 0.00	135.54 3.69 0.00	181.77 3.70 -47.91	292.98 4.52 -119.26	386.44 2.27 -290.15	254.92 3.02 -128.00	75.11 1.81 -0.45	73.40 1.93 -5.11	66.48 1.97 0.00	95.37 2.23 0.00	106.87 1.88 0.00	114.01 0.72 0.00	95.88 0.88 0.00	108.34 1.89 0.00	83.29 1.75 0.00	86.85 1.58 0.00	85.22 1.52 0.00	82.07 1.19 0.00	76.93 1.59 0.00	63.63 1.63 0.00
BETHLEHEM___STEEL 23779	180.56 -8.69 0.00	133.70 -7.64 0.00	130.28 -7.62 0.00	127.06 -7.72 0.00	129.98 -8.05 0.00	124.26 -7.59 0.00	121.58 -7.66 0.92	159.11 -10.10 0.00	88.10 -5.92 0.00	110.01 -8.75 5.13	65.21 -5.02 2.63	59.59 -5.47 1.29	58.75 -5.75 0.00	86.28 -6.85 0.00	98.23 -6.76 0.00	104.88 -8.40 0.00	86.15 -8.86 0.00	96.73 -9.58 0.13	74.49 -7.01 0.05	77.36 -7.91 0.00	75.74 -7.95 0.00	73.71 -7.17 0.00	69.30 -6.04 0.00	57.72 -4.28 0.00
BETHLHEM_115KV_TB1 79974	193.77 4.52 0.00	145.39 4.05 0.00	141.97 4.08 0.00	139.02 4.24 0.00	142.23 4.20 0.00	135.56 3.71 0.00	179.23 3.77 -45.31	286.75 4.69 -112.86	371.05 2.36 -274.67	248.18 3.13 -121.15	75.13 1.86 -0.42	73.12 1.93 -4.83	66.48 1.97 0.00	95.38 2.25 0.00	106.95 1.95 0.00	114.26 0.98 0.00	96.12 1.12 0.00	108.58 2.14 0.00	83.44 1.89 0.00	87.03 1.76 0.00	85.38 1.69 0.00	82.24 1.35 0.00	76.99 1.65 0.00	63.63 1.63 0.00
BETHPAGE_CC_5 323564	194.43 5.19 0.00	146.89 5.55 0.00	142.80 4.90 0.00	139.90 5.11 0.00	143.86 5.83 0.00	138.70 6.85 0.00	147.20 8.14 -8.90	204.00 11.03 -23.75	157.67 5.39 -58.26	161.08 6.84 -30.35	109.79 4.40 -32.53	103.93 4.41 -33.16	110.57 4.49 -41.57	98.57 5.44 0.00	109.90 4.90 0.00	118.39 5.11 0.00	100.21 5.21 0.00	120.12 7.83 -5.85	87.36 5.81 0.00	91.01 5.74 0.00	89.16 5.46 0.00	85.46 4.58 0.00	79.48 4.14 0.00	65.12 3.12 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	181.22 -8.02 0.00	134.21 -7.12 0.00	130.79 -7.11 0.00	127.60 -7.18 0.00	130.44 -7.58 0.00	124.65 -7.20 0.00	122.02 -7.20 0.94	159.82 -9.39 0.00	88.45 -5.57 0.00	110.37 -8.31 5.21	65.38 -4.80 2.67	59.78 -5.27 1.31	58.94 -5.56 0.00	86.69 -6.44 0.00	98.74 -6.26 0.00	105.36 -7.92 0.00	86.52 -8.48 0.00	97.23 -9.08 0.13	74.84 -6.66 0.05	77.78 -7.50 0.00	76.14 -7.56 0.00	74.06 -6.82 0.00	69.63 -5.71 0.00	57.96 -4.04 0.00

BINGHAMTON___COGEN 23790	187.11 -2.13 0.00	139.83 -1.51 0.00	136.33 -1.57 0.00	133.48 -1.30 0.00	136.54 -1.49 0.00	130.58 -1.27 0.00	132.76 -0.96 -3.57	179.65 -0.49 -10.94	120.21 -0.83 -27.02	131.76 -1.48 -9.34	70.33 -1.09 1.43	65.02 -1.11 0.23	63.53 -0.98 0.00	91.68 -1.46 0.00	103.51 -1.49 0.00	111.25 -2.03 0.00	93.00 -2.01 0.00	104.62 -1.76 0.07	80.31 -1.21 0.02	83.94 -1.33 0.00	82.15 -1.55 0.00	79.31 -1.58 0.00	73.93 -1.41 0.00	60.85 -1.15 0.00
BIXINCNT_115KV_LOAD 355685	182.64 -6.60 0.00	135.47 -5.86 0.00	132.52 -5.38 0.00	129.42 -5.36 0.00	131.09 -6.94 0.00	123.81 -8.04 0.00	122.12 -7.01 1.04	165.67 -7.87 -4.33	103.30 -4.75 -14.03	116.81 -7.55 -0.47	65.29 -4.57 2.99	60.18 -4.96 1.22	59.33 -5.17 0.00	87.73 -5.41 0.00	99.57 -5.43 0.00	105.61 -7.67 0.00	86.35 -8.66 0.00	98.03 -8.27 0.15	75.53 -5.96 0.05	78.99 -6.28 0.00	77.56 -6.14 0.00	75.36 -5.52 0.00	70.91 -4.42 0.00	58.96 -3.04 0.00
BLACK RIVER___HYD 24047	192.91 3.67 0.00	144.12 2.78 0.00	140.32 2.43 0.00	137.46 2.68 0.00	142.13 4.10 0.00	137.04 5.19 0.00	135.57 5.41 0.00	176.80 7.59 0.00	98.54 4.52 0.00	129.68 5.78 0.00	75.31 2.46 0.00	68.13 1.77 0.00	66.20 1.69 0.00	94.28 1.15 0.00	105.85 0.85 0.00	116.10 2.82 0.00	99.07 4.06 0.00	110.89 4.45 0.00	85.25 3.70 0.00	88.55 3.28 0.00	86.80 3.10 0.00	83.69 2.80 0.00	78.20 2.86 0.00	64.19 2.19 0.00
BLACKRVR_115KV_TB2 79977	192.92 3.67 0.00	144.13 2.78 0.00	140.32 2.43 0.00	137.46 2.68 0.00	142.13 4.10 0.00	137.04 5.19 0.00	135.57 5.41 0.00	176.80 7.59 0.00	98.55 4.53 0.00	129.67 5.78 0.00	75.31 2.46 0.00	68.13 1.77 0.00	66.20 1.70 0.00	94.28 1.15 0.00	105.85 0.85 0.00	116.10 2.82 0.00	99.07 4.06 0.00	110.90 4.45 0.00	85.25 3.70 0.00	88.55 3.28 0.00	86.80 3.10 0.00	83.69 2.81 0.00	78.20 2.86 0.00	64.19 2.18 0.00
BLISS_WT_PWR 323608	182.62 -6.63 0.00	135.48 -5.86 0.00	132.67 -5.23 0.00	129.55 -5.23 0.00	130.92 -7.10 0.00	123.27 -8.58 0.00	121.63 -7.27 1.26	165.54 -8.00 -4.33	93.23 -4.73 -3.94	113.86 -7.75 2.28	59.25 -4.73 8.87	60.00 -5.14 1.22	59.14 -5.36 0.00	87.65 -5.48 0.00	99.43 -5.57 0.00	105.33 -7.95 0.00	86.05 -8.96 0.00	97.93 -8.36 0.15	75.49 -6.00 0.05	79.05 -6.22 0.00	77.65 -6.04 0.00	75.46 -5.42 0.00	71.01 -4.33 0.00	58.85 -2.98 0.17
BLUESTONE___WT_PWR 323821	194.51 5.26 0.00	145.84 4.51 0.00	142.28 4.39 0.00	139.41 4.63 0.00	143.90 5.87 0.00	138.85 7.00 0.00	145.20 7.08 -7.96	199.18 9.95 -20.02	150.34 5.35 -50.96	156.65 7.03 -25.72	79.49 3.97 -2.66	70.33 2.32 -1.65	66.14 1.64 0.00	95.55 2.41 0.00	108.34 3.35 0.00	116.07 2.79 0.00	95.03 0.02 0.00	106.56 0.05 -0.06	80.87 -0.70 -0.02	84.80 -0.47 0.00	84.04 0.34 0.00	82.28 1.40 0.00	76.01 0.67 0.00	62.86 0.82 -0.03
BLUE_CIRC_CHEM_DRP 24182	199.41 10.17 0.00	149.40 8.06 0.00	145.92 8.02 0.00	142.87 8.09 0.00	146.18 8.15 0.00	139.41 7.56 0.00	175.87 7.33 -38.38	272.31 9.30 -93.80	328.92 4.79 -230.11	229.09 6.02 -99.18	76.51 3.32 -0.34	73.39 3.13 -3.91	67.43 2.93 0.00	96.87 3.74 0.00	108.16 3.17 0.00	116.96 3.68 0.00	98.99 3.98 0.00	112.07 5.63 0.00	86.02 4.48 0.00	89.69 4.42 0.00	87.91 4.21 0.00	84.65 3.77 0.00	79.18 3.84 0.00	65.54 3.54 0.00
BOC_GAS_DRP 24189	193.17 3.92 0.00	144.86 3.53 0.00	141.52 3.62 0.00	138.51 3.73 0.00	141.71 3.68 0.00	135.31 3.46 0.00	164.63 3.60 -30.87	251.22 4.72 -77.29	285.06 2.41 -188.63	210.14 3.15 -83.09	74.89 1.74 -0.29	71.45 1.78 -3.31	66.31 1.80 0.00	95.27 2.14 0.00	106.94 1.95 0.00	114.84 1.56 0.00	96.56 1.56 0.00	109.02 2.58 0.00	83.69 2.15 0.00	87.32 2.05 0.00	85.68 1.98 0.00	82.56 1.68 0.00	76.99 1.66 0.00	63.42 1.42 0.00
BOONVILLE_115KV_TB1 79983	193.58 4.33 0.00	144.72 3.38 0.00	140.99 3.09 0.00	138.14 3.36 0.00	142.06 4.03 0.00	136.49 4.64 0.00	135.14 4.98 0.00	176.32 7.11 0.00	98.11 4.09 0.00	129.22 5.32 0.00	75.60 2.74 0.00	68.68 2.32 0.00	66.65 2.14 0.00	95.57 2.43 0.00	107.77 2.78 0.00	116.85 3.57 0.00	98.60 3.59 0.00	110.55 4.10 0.00	84.73 3.18 0.00	88.17 2.91 0.00	86.57 2.88 0.00	83.49 2.61 0.00	77.89 2.55 0.00	63.97 1.97 0.00
BORALEX_4TH_BRANCH 23824	199.59 10.34 0.00	149.58 8.24 0.00	146.04 8.15 0.00	143.27 8.49 0.00	146.67 8.64 0.00	140.19 8.34 0.00	205.44 8.96 -66.31	360.35 11.84 -179.31	539.61 6.41 -439.18	332.22 8.22 -200.10	77.82 4.27 -0.71	78.70 4.22 -8.11	68.75 4.24 0.00	98.85 5.71 0.00	110.79 5.79 0.00	119.04 5.76 0.00	99.77 4.77 0.00	113.21 6.76 0.00	87.00 5.45 0.00	90.74 5.47 0.00	89.25 5.56 0.00	85.98 5.09 0.00	80.08 4.73 0.00	65.83 3.83 0.00
BOWLINE___1 23526	192.75 3.50 0.00	144.66 3.32 0.00	141.11 3.21 0.00	138.10 3.32 0.00	141.51 3.48 0.00	136.03 4.18 0.00	144.10 5.34 -8.61	200.12 7.95 -22.96	154.38 4.06 -56.31	154.39 5.05 -25.45	75.64 2.70 -0.09	70.09 2.70 -1.03	67.20 2.70 0.00	96.30 3.16 0.00	108.00 3.00 0.00	116.16 2.89 0.00	97.95 2.94 0.00	111.16 4.72 0.00	85.33 3.79 0.00	88.97 3.70 0.00	87.33 3.63 0.00	83.89 3.01 0.00	77.69 2.35 0.00	63.66 1.65 0.00
BOWLINE___2 23595	193.05 3.80 0.00	144.90 3.56 0.00	141.33 3.43 0.00	138.33 3.55 0.00	141.71 3.68 0.00	136.24 4.39 0.00	144.32 5.55 -8.61	200.42 8.25 -22.96	154.54 4.21 -56.31	154.57 5.23 -25.45	75.74 2.80 -0.09	70.19 2.81 -1.03	67.31 2.80 0.00	96.44 3.30 0.00	108.18 3.19 0.00	116.35 3.07 0.00	98.10 3.09 0.00	111.35 4.91 0.00	85.47 3.92 0.00	89.11 3.84 0.00	87.48 3.78 0.00	84.00 3.11 0.00	77.84 2.50 0.00	63.75 1.75 0.00
BRADY___115KV_TB2 356060	195.33 6.09 0.00	145.12 3.78 0.00	141.30 3.40 0.00	137.72 2.93 0.00	140.83 2.80 0.00	133.83 1.98 0.00	131.75 1.59 0.00	170.74 1.54 0.00	95.22 1.20 0.00	125.97 2.07 0.00	74.27 1.41 0.00	67.37 1.01 0.00	65.39 0.89 0.00	94.94 1.81 0.00	107.68 2.68 0.00	116.67 3.39 0.00	97.80 2.79 0.00	107.97 1.53 0.00	82.56 1.02 0.00	86.47 1.20 0.00	85.01 1.31 0.00	82.81 1.93 0.00	77.94 2.60 0.00	64.33 2.33 0.00
BRANSCOMB___SOLAR 323811	201.35 12.10 0.00	150.80 9.46 0.00	147.15 9.25 0.00	144.21 9.43 0.00	147.69 9.66 0.00	141.34 9.49 0.00	230.20 10.11 -89.93	423.89 13.48 -241.21	691.21 7.21 -589.98	401.25 8.99 -268.36	78.60 4.79 -0.95	81.77 4.53 -10.89	68.83 4.32 0.00	98.89 5.75 0.00	111.09 6.09 0.00	120.01 6.73 0.00	100.74 5.73 0.00	114.29 7.84 0.00	87.76 6.21 0.00	91.48 6.21 0.00	89.73 6.03 0.00	86.42 5.53 0.00	80.32 4.98 0.00	65.98 3.98 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	196.38 7.14 0.00	148.68 7.34 0.00	144.43 6.54 0.00	141.64 6.86 0.00	145.84 7.81 0.00	140.66 8.81 0.00	149.01 9.95 -8.90	206.20 13.24 -23.75	158.80 6.52 -58.26	162.59 8.34 -30.35	111.07 5.68 -32.53	105.27 5.75 -33.16	111.92 5.84 -41.57	100.45 7.32 0.00	111.78 6.79 0.00	120.29 7.01 0.00	102.06 7.05 0.00	122.16 9.87 -5.85	88.59 7.04 0.00	92.46 7.19 0.00	90.61 6.91 0.00	86.57 5.69 0.00	80.64 5.30 0.00	66.11 4.11 0.00

BRISTLHL_115KV_TB1 79998	183.41 -5.83 0.00	136.98 -4.36 0.00	133.63 -4.26 0.00	130.56 -4.22 0.00	133.77 -4.26 0.00	128.00 -3.85 0.00	126.61 -3.54 0.00	164.29 -4.91 0.00	90.98 -3.04 0.00	119.56 -4.33 0.00	70.21 -2.65 0.00	63.80 -2.56 0.00	62.00 -2.51 0.00	89.59 -3.54 0.00	101.10 -3.89 0.00	109.00 -4.28 0.00	91.28 -3.72 0.00	102.72 -3.73 0.00	78.79 -2.76 0.00	82.17 -3.10 0.00	80.49 -3.21 0.00	77.60 -3.28 0.00	72.26 -3.08 0.00	59.45 -2.55 0.00
BROOKHAVEN___DRP 24191	195.25 6.00 0.00	148.98 7.64 0.00	144.28 6.39 0.00	141.48 6.70 0.00	146.17 8.14 0.00	141.03 9.18 0.00	148.94 9.89 -8.90	205.78 12.82 -23.75	158.69 6.41 -58.26	162.41 8.17 -30.35	111.09 5.70 -32.53	105.17 5.65 -33.16	111.74 5.66 -41.57	100.06 6.92 0.00	111.15 6.16 0.00	119.89 6.61 0.00	101.79 6.79 0.00	122.20 9.90 -5.85	88.64 7.10 0.00	92.29 7.02 0.00	90.26 6.56 0.00	86.15 5.27 0.00	80.19 4.86 0.00	65.69 3.69 0.00
BROOKLYN_NAVY_YARD 23515	193.66 4.41 0.00	145.33 3.99 0.00	141.65 3.75 0.00	138.60 3.82 0.00	142.07 4.04 0.00	136.83 4.98 0.00	145.51 6.45 -8.90	202.64 9.67 -23.76	157.32 5.03 -58.27	156.63 6.40 -26.35	76.51 3.57 -0.09	70.99 3.57 -1.07	68.12 3.62 0.00	97.48 4.34 0.00	109.35 4.35 0.00	117.53 4.25 0.00	99.10 4.09 0.00	112.58 6.14 0.00	86.41 4.87 0.00	90.06 4.79 0.00	88.36 4.66 0.00	84.75 3.87 0.00	78.46 3.12 0.00	64.31 2.31 0.00
BROOKLYN___ARMY_DRP 323595	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	157.65 6.64 -27.12	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
BROOKVLE_69_KV_TB1 55790	196.21 6.96 0.00	147.94 6.60 0.00	143.85 5.95 0.00	140.94 6.16 0.00	144.80 6.78 0.00	139.57 7.72 0.00	148.13 9.07 -8.90	205.35 12.39 -23.75	158.46 6.18 -58.26	162.18 7.94 -30.35	110.31 4.92 -32.53	104.34 4.82 -33.16	110.95 4.88 -41.57	99.13 5.99 0.00	110.68 5.68 0.00	119.30 6.02 0.00	100.88 5.87 0.00	120.75 8.46 -5.85	87.89 6.35 0.00	91.56 6.28 0.00	89.70 6.01 0.00	85.92 5.03 0.00	79.79 4.45 0.00	65.42 3.42 0.00
BROOME_2_LFGE 323671	187.12 -2.13 0.00	139.83 -1.51 0.00	136.34 -1.56 0.00	133.49 -1.29 0.00	136.54 -1.49 0.00	130.58 -1.27 0.00	132.82 -0.96 -3.62	179.65 12.49 -10.94	122.48 -0.85 -29.31	132.34 -1.52 -9.96	71.65 -1.09 0.10	65.00 -1.12 0.23	63.53 -0.97 0.00	91.67 -1.46 0.00	103.51 -1.49 0.00	111.25 -2.03 0.00	93.00 -2.01 0.00	104.62 -1.75 0.07	80.31 -1.21 0.02	83.94 -1.33 0.00	82.15 -1.55 0.00	79.31 -1.58 0.00	73.93 -1.40 0.00	60.88 -1.16 -0.04
BROOME___LFGE 323600	187.12 -2.13 0.00	139.83 -1.51 0.00	136.34 -1.56 0.00	133.49 -1.29 0.00	136.54 -1.49 0.00	130.58 -1.27 0.00	132.82 -0.96 -3.62	179.65 12.49 -10.94	122.48 -0.85 -29.31	132.34 -1.52 -9.96	71.65 -1.09 0.10	65.00 -1.12 0.23	63.53 -0.97 0.00	91.67 -1.46 0.00	103.51 -1.49 0.00	111.25 -2.03 0.00	93.00 -2.01 0.00	104.62 -1.75 0.07	80.31 -1.21 0.02	83.94 -1.33 0.00	82.15 -1.55 0.00	79.31 -1.58 0.00	73.93 -1.40 0.00	60.88 -1.16 -0.04
BROWNFLS_115KV_TB_3_5 80003	192.62 3.37 0.00	143.53 2.19 0.00	139.69 1.79 0.00	136.60 1.81 0.00	140.25 2.22 0.00	133.81 1.96 0.00	131.99 1.83 0.00	171.58 2.38 0.00	95.73 1.71 0.00	126.54 2.65 0.00	74.21 1.35 0.00	67.33 0.97 0.00	65.37 0.87 0.00	93.86 0.72 0.00	105.88 0.88 0.00	115.03 1.75 0.00	97.10 2.10 0.00	107.81 1.37 0.00	82.64 1.09 0.00	86.09 0.82 0.00	84.66 0.96 0.00	82.18 1.30 0.00	77.48 2.14 0.00	63.89 1.89 0.00
BROWNSV1_27_KV_LOAD 356125	196.08 6.83 0.00	147.14 5.80 0.00	143.32 5.42 0.00	140.24 5.45 0.00	143.74 5.71 0.00	138.42 6.57 0.00	147.15 8.09 -8.90	204.90 11.93 -23.76	158.53 6.24 -58.27	158.20 7.96 -26.35	77.47 4.53 -0.09	71.78 4.36 -1.07	68.93 4.42 0.00	98.61 5.48 0.00	110.61 5.61 0.00	118.99 5.72 0.00	100.31 5.31 0.00	113.94 7.49 0.00	87.43 5.89 0.00	91.17 5.90 0.00	89.40 5.70 0.00	85.72 4.84 0.00	79.35 4.01 0.00	64.99 2.99 0.00
BURROWS___LYONSDAL 23803	193.11 3.86 0.00	144.35 3.01 0.00	140.53 2.63 0.00	137.72 2.94 0.00	141.92 3.89 0.00	136.46 4.61 0.00	135.01 4.84 0.00	176.03 6.82 0.00	98.06 4.04 0.00	129.14 5.25 0.00	75.47 2.62 0.00	68.54 2.18 0.00	66.51 2.00 0.00	95.14 2.01 0.00	107.22 2.22 0.00	116.53 3.25 0.00	98.56 3.55 0.00	110.40 3.96 0.00	84.68 3.13 0.00	88.02 2.75 0.00	86.47 2.77 0.00	83.40 2.52 0.00	77.93 2.59 0.00	64.01 2.01 0.00
CAITHNESS_CC_1 323624	195.05 5.81 0.00	148.56 7.22 0.00	144.01 6.11 0.00	141.21 6.43 0.00	145.78 7.75 0.00	140.60 8.75 0.00	148.63 9.56 -8.90	205.46 12.49 -23.75	158.50 6.21 -58.26	162.11 7.87 -30.35	110.87 5.48 -32.53	104.99 5.47 -33.16	111.59 5.51 -41.57	99.84 6.71 0.00	110.96 5.96 0.00	119.61 6.33 0.00	101.52 6.51 0.00	121.84 9.55 -5.85	88.38 6.84 0.00	92.03 6.76 0.00	90.04 6.35 0.00	85.98 5.10 0.00	80.04 4.71 0.00	65.58 3.57 0.00
CALPINE BETH_PAGE_GT4 24209	194.43 5.19 0.00	146.86 5.52 0.00	142.79 4.89 0.00	139.87 5.09 0.00	143.83 5.80 0.00	138.64 6.79 0.00	147.17 8.11 -8.90	203.96 10.99 -23.75	157.65 5.38 -58.26	161.08 6.84 -30.35	109.76 4.37 -32.53	103.87 4.35 -33.16	110.51 4.43 -41.57	98.48 5.34 0.00	109.84 4.84 0.00	118.34 5.06 0.00	100.16 5.15 0.00	120.03 7.74 -5.85	87.34 5.79 0.00	90.97 5.70 0.00	89.13 5.44 0.00	85.61 4.73 0.00	79.58 4.24 0.00	65.23 3.23 0.00
CALPINE_BETH_PAGE_GT_4 323586	194.43 5.18 0.00	146.85 5.51 0.00	142.79 4.89 0.00	139.88 5.10 0.00	143.83 5.80 0.00	138.64 6.79 0.00	147.16 8.10 -8.90	203.96 11.00 -23.75	157.64 5.36 -58.26	161.04 6.80 -30.35	109.77 4.38 -32.53	103.87 4.35 -33.16	110.51 4.43 -41.57	98.48 5.34 0.00	109.84 4.84 0.00	118.34 5.06 0.00	100.15 5.15 0.00	120.04 7.75 -5.85	87.34 5.79 0.00	90.97 5.70 0.00	89.13 5.43 0.00	85.61 4.73 0.00	79.58 4.24 0.00	65.22 3.22 0.00
CALPINE_BP_GT1 23823	194.43 5.18 0.00	146.85 5.51 0.00	142.79 4.89 0.00	139.88 5.10 0.00	143.83 5.80 0.00	138.64 6.79 0.00	147.16 8.10 -8.90	203.96 11.00 -23.75	157.64 5.36 -58.26	161.04 6.80 -30.35	109.77 4.38 -32.53	103.87 4.35 -33.16	110.51 4.43 -41.57	98.48 5.34 0.00	109.84 4.84 0.00	118.34 5.06 0.00	100.15 5.15 0.00	120.04 7.75 -5.85	87.34 5.79 0.00	90.97 5.70 0.00	89.13 5.43 0.00	85.61 4.73 0.00	79.58 4.24 0.00	65.22 3.22 0.00
CALSPAN___DRP 24200	180.56 -8.69 0.00	133.70 -7.64 0.00	130.28 -7.62 0.00	127.06 -7.72 0.00	129.98 -8.05 0.00	124.26 -7.59 0.00	121.58 -7.66 0.92	159.11 -10.10 0.00	88.10 -5.92 0.00	110.01 -8.75 5.13	65.21 -5.02 2.63	59.59 -5.47 1.29	58.75 -5.75 0.00	86.28 -6.85 0.00	98.23 -6.76 0.00	104.88 -8.40 0.00	86.15 -8.86 0.00	96.73 -9.58 0.13	74.49 -7.01 0.05	77.36 -7.91 0.00	75.74 -7.95 0.00	73.71 -7.17 0.00	69.30 -6.04 0.00	57.72 -4.28 0.00

CALVERTON___SOLAR 323806	195.46 6.22 0.00	149.41 8.07 0.00	144.65 6.75 0.00	141.81 7.03 0.00	146.64 8.61 0.00	141.46 9.62 0.00	149.33 10.27 -8.90	206.11 13.15 -23.75	158.90 6.62 -58.26	162.68 8.44 -30.35	111.34 5.95 -32.53	105.38 5.85 -33.16	111.92 5.84 -41.57	100.29 7.15 0.00	111.32 6.33 0.00	120.15 6.87 0.00	102.07 7.07 0.00	122.58 10.28 -5.85	88.92 7.37 0.00	92.55 7.28 0.00	90.45 6.75 0.00	86.32 5.43 0.00	80.31 4.97 0.00	65.77 3.77 0.00
CANDIGU_WT_PWR 323617	181.64 -7.60 0.00	135.17 -6.16 0.00	131.83 -6.07 0.00	129.35 -5.43 0.00	131.82 -6.21 0.00	125.30 -6.55 0.00	125.22 -5.87 -0.93	169.91 -6.34 -7.05	110.18 -3.98 -20.14	116.54 -6.25 1.10	65.11 -4.28 3.47	59.51 -4.72 2.13	59.72 -4.79 0.00	87.13 -6.00 0.00	99.33 -5.67 0.00	105.08 -8.20 0.00	86.96 -8.04 0.00	98.13 -8.07 0.24	76.69 -4.77 0.09	80.20 -5.07 0.00	78.49 -5.21 0.00	76.25 -4.64 0.00	71.28 -4.05 0.00	59.08 -2.97 -0.05
CARR STREET_E__SYR 24060	184.26 -4.99 0.00	137.64 -3.70 0.00	134.31 -3.58 0.00	131.37 -3.42 0.00	134.56 -3.47 0.00	128.77 -3.08 0.00	127.38 -2.78 0.00	165.30 -3.91 0.00	91.46 -2.56 0.00	120.18 -3.71 0.00	70.57 -2.28 0.00	64.12 -2.24 0.00	62.30 -2.20 0.00	90.04 -3.10 0.00	101.70 -3.30 0.00	109.60 -3.68 0.00	91.70 -3.31 0.00	103.15 -3.30 0.00	79.07 -2.48 0.00	82.52 -2.75 0.00	80.77 -2.93 0.00	77.92 -2.97 0.00	72.55 -2.78 0.00	59.70 -2.31 0.00
CARTHAGE___PAPER 23857	194.27 5.03 0.00	145.04 3.70 0.00	141.16 3.26 0.00	138.28 3.50 0.00	142.84 4.81 0.00	137.56 5.71 0.00	136.03 5.87 0.00	177.21 8.00 0.00	98.82 4.80 0.00	130.12 6.23 0.00	75.77 2.91 0.00	68.65 2.29 0.00	66.69 2.19 0.00	95.08 1.95 0.00	106.86 1.86 0.00	116.95 3.68 0.00	99.59 4.59 0.00	111.29 4.85 0.00	85.48 3.93 0.00	88.79 3.52 0.00	87.16 3.46 0.00	84.14 3.26 0.00	78.80 3.46 0.00	64.69 2.69 0.00
CASSADAGA_WT_PWR 323784	183.97 -5.28 0.00	136.08 -5.26 0.00	132.22 -5.67 0.00	128.04 -6.74 0.00	130.33 -7.69 0.00	125.04 -6.81 0.00	123.16 -5.79 1.21	162.04 -7.17 0.00	80.56 -4.61 8.85	108.40 -7.35 8.14	60.38 -4.38 8.09	60.06 -4.85 1.44	58.79 -5.72 0.00	86.30 -6.84 0.00	96.50 -8.49 0.00	101.44 -11.84 0.00	85.40 -9.60 0.00	98.16 -8.14 0.15	76.07 -5.42 0.05	78.96 -6.31 0.00	77.60 -6.09 0.00	75.03 -5.85 0.00	70.83 -4.51 0.00	58.83 -3.02 0.15
CE_DUNWOOD___DRP 24194	194.39 5.15 0.00	145.95 4.61 0.00	142.27 4.38 0.00	139.26 4.48 0.00	142.68 4.66 0.00	137.20 5.35 0.00	145.63 6.58 -8.89	202.50 9.58 -23.72	157.18 4.99 -58.17	156.48 6.29 -26.30	76.41 3.47 -0.09	70.84 3.42 -1.06	67.95 3.45 0.00	97.32 4.19 0.00	109.08 4.09 0.00	117.36 4.09 0.00	98.94 3.94 0.00	112.33 5.88 0.00	86.21 4.66 0.00	89.88 4.61 0.00	88.18 4.49 0.00	84.64 3.76 0.00	78.44 3.10 0.00	64.25 2.24 0.00
CE_MILLWOOD___DRP 24193	194.16 4.91 0.00	145.73 4.39 0.00	142.09 4.19 0.00	139.04 4.26 0.00	142.51 4.49 0.00	137.01 5.16 0.00	145.36 6.34 -8.85	202.06 9.23 -23.63	156.76 4.79 -57.95	156.13 6.04 -26.20	76.23 3.28 -0.09	70.66 3.24 -1.06	67.78 3.27 0.00	97.10 3.97 0.00	108.87 3.88 0.00	117.13 3.85 0.00	98.73 3.73 0.00	112.10 5.66 0.00	86.03 4.48 0.00	89.69 4.41 0.00	88.00 4.31 0.00	84.48 3.60 0.00	78.29 2.95 0.00	64.14 2.14 0.00
CE_NYC2_DRP 24202	194.21 4.97 0.00	145.73 4.39 0.00	142.00 4.10 0.00	138.93 4.15 0.00	142.43 4.40 0.00	137.13 5.29 0.00	145.87 6.81 -8.90	203.14 10.17 -23.76	157.63 5.33 -58.27	157.40 6.74 -26.77	76.71 3.77 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.75 4.61 0.00	109.63 4.63 0.00	117.91 4.63 0.00	99.37 4.37 0.00	112.83 6.38 0.00	86.61 5.06 0.00	90.30 5.03 0.00	88.60 4.90 0.00	84.97 4.09 0.00	78.61 3.28 0.00	64.44 2.44 0.00
CE_NYC_DRP 24195	194.31 5.07 0.00	145.85 4.51 0.00	142.12 4.23 0.00	139.04 4.26 0.00	142.55 4.52 0.00	137.25 5.40 0.00	145.90 6.83 -8.90	203.16 10.20 -23.76	157.61 5.31 -58.27	157.05 6.79 -26.36	76.77 3.82 -0.09	71.56 3.78 -1.42	70.76 3.84 -2.41	98.01 4.67 -0.21	109.66 4.67 0.00	117.97 4.69 0.00	99.42 4.41 0.00	112.91 6.47 0.00	86.64 5.09 0.00	90.30 5.03 0.00	88.58 4.89 0.00	84.95 4.07 0.00	78.66 3.32 0.00	64.44 2.43 0.00
CHAFFEE___LFGE 323603	181.62 -7.62 0.00	134.55 -6.79 0.00	131.09 -6.81 0.00	128.00 -6.78 0.00	130.97 -7.06 0.00	125.19 -6.66 0.00	122.29 -6.69 1.17	160.58 -8.62 0.00	79.94 -5.10 8.98	108.12 -7.82 7.96	60.34 -4.45 8.06	60.04 -4.93 1.39	59.26 -5.24 0.00	86.98 -6.15 0.00	99.05 -5.95 0.00	105.75 -7.53 0.00	86.91 -8.09 0.00	97.56 -8.74 0.14	75.09 -6.40 0.05	78.01 -7.26 0.00	76.36 -7.33 0.00	74.24 -6.64 0.00	69.82 -5.52 0.00	57.94 -3.91 0.16
CHATEAUG_35_KV_LOAD 355732	193.21 3.96 0.00	143.75 2.41 0.00	140.29 2.39 0.00	136.87 2.09 0.00	140.01 1.98 0.00	132.86 1.02 0.00	130.75 0.59 0.00	169.04 -0.16 0.00	94.23 0.20 0.00	124.28 0.38 0.00	73.27 0.42 0.00	66.43 0.07 0.00	64.17 -0.34 0.00	92.47 -0.66 0.00	104.77 -0.22 0.00	114.89 1.61 0.00	96.50 1.49 0.00	105.63 -0.81 0.00	80.88 -0.66 0.00	84.83 -0.44 0.00	83.45 -0.25 0.00	81.16 0.28 0.00	75.77 0.44 0.00	62.69 0.68 0.00
CHATEAUG_WT_PWR 323614	192.74 3.49 0.00	143.46 2.12 0.00	139.91 2.01 0.00	136.58 1.80 0.00	139.70 1.67 0.00	132.59 0.75 0.00	130.44 0.28 0.00	168.60 -0.61 0.00	94.00 -0.03 0.00	124.02 0.12 0.00	73.07 0.21 0.00	66.43 0.07 0.00	64.20 -0.30 0.00	92.46 -0.68 0.00	104.59 -0.41 0.00	114.60 1.32 0.00	96.30 1.30 0.00	105.45 -0.99 0.00	80.74 -0.81 0.00	84.65 -0.62 0.00	83.28 -0.42 0.00	81.03 0.15 0.00	75.61 0.27 0.00	62.59 0.58 0.00
CHAT_HIGH_FALL_HYD 323578	193.21 3.96 0.00	143.75 2.41 0.00	140.29 2.39 0.00	136.87 2.09 0.00	140.01 1.98 0.00	132.86 1.02 0.00	130.75 0.59 0.00	169.04 -0.16 0.00	94.23 0.20 0.00	124.28 0.38 0.00	73.27 0.42 0.00	66.43 0.07 0.00	64.17 -0.34 0.00	92.47 -0.66 0.00	104.77 -0.22 0.00	114.89 1.61 0.00	96.50 1.49 0.00	105.63 -0.81 0.00	80.88 -0.66 0.00	84.83 -0.44 0.00	83.45 -0.25 0.00	81.16 0.28 0.00	75.77 0.44 0.00	62.69 0.68 0.00
CHAUTAUQUA___LFGE 323629	182.38 -6.86 0.00	134.95 -6.39 0.00	131.26 -6.63 0.00	127.36 -7.42 0.00	129.81 -8.21 0.00	124.40 -7.45 0.00	122.27 -6.76 1.14	160.44 -8.76 0.00	80.58 -5.36 8.07	108.00 -8.29 7.61	60.51 -4.87 7.47	59.64 -5.36 1.36	58.74 -5.77 0.00	86.27 -6.86 0.00	97.43 -7.57 0.00	103.36 -9.92 0.00	86.02 -8.99 0.00	97.71 -8.60 0.14	75.51 -5.99 0.05	78.32 -6.95 0.00	76.82 -6.87 0.00	74.52 -6.36 0.00	70.21 -5.13 0.00	58.33 -3.53 0.14
CHERRYST_13_KV_LD 356241	194.86 5.62 0.00	146.25 4.91 0.00	142.50 4.61 0.00	139.45 4.67 0.00	142.97 4.94 0.00	137.66 5.81 0.00	146.38 7.32 -8.90	203.78 10.81 -23.76	157.96 5.67 -58.27	157.52 7.28 -26.34	77.08 4.14 -0.09	71.47 4.04 -1.07	68.60 4.10 0.00	98.17 5.04 0.00	110.07 5.08 0.00	118.41 5.13 0.00	99.80 4.79 0.00	113.35 6.90 0.00	86.94 5.40 0.00	90.61 5.34 0.00	88.87 5.17 0.00	85.19 4.31 0.00	78.89 3.55 0.00	64.62 2.62 0.00

CHESTROR_138KV_BK263 355645	193.26 4.01 0.00	145.02 3.68 0.00	141.45 3.55 0.00	138.44 3.66 0.00	141.81 3.78 0.00	136.18 4.34 0.00	143.71 5.32 -8.23	198.96 7.81 -21.94	151.86 4.02 -53.82	153.26 5.05 -24.31	75.63 2.69 -0.09	69.98 2.64 -0.98	67.14 2.63 0.00	96.27 3.14 0.00	107.97 2.97 0.00	116.21 2.93 0.00	97.93 2.93 0.00	111.05 4.60 0.00	85.25 3.70 0.00	88.91 3.63 0.00	87.23 3.54 0.00	83.83 2.95 0.00	77.71 2.37 0.00	63.69 1.69 0.00
CH_MIDHUDSON___DRP 24192	195.91 6.66 0.00	146.98 5.64 0.00	143.30 5.40 0.00	140.25 5.47 0.00	143.71 5.68 0.00	138.03 6.19 0.00	146.81 7.22 -9.43	204.48 10.20 -25.08	161.14 5.38 -61.74	158.62 6.87 -27.86	76.66 3.71 -0.10	71.09 3.61 -1.13	68.09 3.59 0.00	97.58 4.45 0.00	109.41 4.41 0.00	117.82 4.54 0.00	99.29 4.28 0.00	112.69 6.25 0.00	86.52 4.97 0.00	90.20 4.93 0.00	88.46 4.77 0.00	84.99 4.11 0.00	78.77 3.43 0.00	64.54 2.53 0.00
CH_MISC_IPPS 23765	196.84 7.59 0.00	147.59 6.25 0.00	143.90 6.00 0.00	140.83 6.05 0.00	144.33 6.30 0.00	138.69 6.84 0.00	147.29 7.91 -9.22	204.89 11.19 -24.49	160.13 5.94 -60.16	158.64 7.62 -27.13	77.08 4.13 -0.10	71.43 3.97 -1.09	68.44 3.94 0.00	98.07 4.94 0.00	109.93 4.93 0.00	118.40 5.11 0.00	99.82 4.81 0.00	113.31 6.87 0.00	86.99 5.44 0.00	90.69 5.42 0.00	88.93 5.24 0.00	85.41 4.53 0.00	79.13 3.79 0.00	64.79 2.78 0.00
CH_RES_BVR_FALLS 23983	188.95 -0.30 0.00	140.78 -0.56 0.00	137.35 -0.55 0.00	134.22 -0.56 0.00	137.76 -0.27 0.00	131.53 -0.32 0.00	129.34 -0.82 0.00	167.83 -1.37 0.00	93.63 -0.39 0.00	123.54 -0.35 0.00	72.74 -0.11 0.00	66.15 -0.20 0.00	64.11 -0.40 0.00	92.46 -0.67 0.00	104.46 -0.54 0.00	113.34 0.06 0.00	95.14 0.13 0.00	105.87 -0.58 0.00	81.11 -0.44 0.00	84.79 -0.48 0.00	83.42 -0.27 0.00	80.89 0.01 0.00	75.62 0.29 0.00	62.35 0.35 0.00
CH_RES_NIAGARA 23895	174.17 -15.07 0.00	128.84 -12.49 0.00	125.56 -12.34 0.00	122.65 -12.13 0.00	125.68 -12.35 0.00	120.27 -11.57 0.00	117.34 -12.03 0.79	152.68 -16.52 0.00	84.76 -9.26 0.00	106.71 -12.91 4.27	63.37 -7.29 2.19	57.58 -7.70 1.07	56.49 -8.02 0.00	82.84 -10.30 0.00	94.65 -10.34 0.00	101.23 -12.05 0.00	82.90 -12.10 0.00	92.74 -13.60 0.11	71.16 -10.35 0.04	73.90 -11.37 0.00	72.32 -11.38 0.00	70.52 -10.36 0.00	66.40 -8.94 0.00	55.49 -6.51 0.00
CH_RES_SYRACUSE 23985	184.71 -4.54 0.00	138.00 -3.34 0.00	134.66 -3.24 0.00	131.74 -3.04 0.00	134.91 -3.12 0.00	129.15 -2.69 0.00	127.81 -2.35 0.00	165.96 -3.25 0.00	91.85 -2.18 0.00	120.63 -3.26 0.00	70.84 -2.01 0.00	64.35 -2.01 0.00	62.60 -1.90 0.00	90.55 -2.59 0.00	102.27 -2.73 0.00	110.69 -2.59 0.00	92.66 -2.34 0.00	104.07 -2.38 0.00	79.73 -1.82 0.00	83.16 -2.11 0.00	81.21 -2.49 0.00	78.24 -2.64 0.00	72.86 -2.47 0.00	59.93 -2.08 0.00
CLINTON_WT_PWR 323605	192.74 3.49 0.00	143.46 2.12 0.00	139.91 2.01 0.00	136.58 1.80 0.00	139.70 1.67 0.00	132.59 0.75 0.00	130.44 0.28 0.00	168.60 -0.61 0.00	94.00 -0.03 0.00	124.02 0.12 0.00	73.07 0.21 0.00	66.43 0.07 0.00	64.20 -0.30 0.00	92.46 -0.68 0.00	104.59 -0.41 0.00	114.60 1.32 0.00	96.30 1.30 0.00	105.45 -0.99 0.00	80.74 -0.81 0.00	84.65 -0.62 0.00	83.28 -0.42 0.00	81.03 0.15 0.00	75.61 0.27 0.00	62.59 0.58 0.00
CLINTON___LFGE 323618	196.45 7.20 0.00	146.31 4.97 0.00	142.73 4.83 0.00	139.31 4.53 0.00	142.34 4.32 0.00	134.92 3.07 0.00	132.93 2.77 0.00	171.78 2.58 0.00	95.75 1.73 0.00	126.22 2.32 0.00	74.23 1.38 0.00	67.37 1.01 0.00	65.16 0.66 0.00	93.90 0.77 0.00	106.29 1.29 0.00	116.50 3.22 0.00	97.99 2.98 0.00	107.56 1.11 0.00	82.35 0.80 0.00	86.28 1.01 0.00	84.80 1.10 0.00	82.34 1.46 0.00	76.77 1.43 0.00	63.62 1.62 0.00
COBBLENY_34_KV_TB1 80064	181.60 -7.64 0.00	134.54 -6.79 0.00	131.10 -6.80 0.00	128.00 -6.78 0.00	130.98 -7.05 0.00	125.20 -6.65 0.00	122.47 -6.72 0.98	160.58 -8.62 0.00	88.88 -5.14 0.00	110.64 -7.74 5.52	65.59 -4.43 2.83	60.05 -4.92 1.39	59.29 -5.22 0.00	86.98 -6.15 0.00	99.06 -5.94 0.00	105.72 -7.56 0.00	86.91 -8.09 0.00	97.56 -8.74 0.14	75.09 -6.40 0.05	78.01 -7.26 0.00	76.37 -7.33 0.00	74.23 -6.65 0.00	69.82 -5.51 0.00	58.09 -3.91 0.00
COFFEEN___115KV_TB3 355620	194.26 5.01 0.00	145.09 3.75 0.00	141.23 3.33 0.00	138.38 3.60 0.00	143.00 4.97 0.00	137.95 6.11 0.00	136.57 6.41 0.00	178.18 8.98 0.00	99.27 5.25 0.00	130.56 6.67 0.00	75.77 2.92 0.00	68.53 2.17 0.00	66.61 2.10 0.00	94.99 1.85 0.00	106.59 1.59 0.00	116.95 3.67 0.00	99.82 4.81 0.00	111.82 5.37 0.00	85.96 4.41 0.00	89.30 4.03 0.00	87.42 3.72 0.00	84.23 3.34 0.00	78.60 3.27 0.00	64.53 2.53 0.00
COLDSPRG_115KV_BK1 355956	184.44 -4.81 0.00	136.63 -4.71 0.00	132.99 -4.90 0.00	129.40 -5.38 0.00	131.78 -6.25 0.00	126.27 -5.58 0.00	124.05 -5.01 1.10	167.83 -5.77 -4.40	104.40 -3.90 -14.28	117.86 -6.24 -0.20	66.10 -3.57 3.19	61.19 -3.85 1.31	60.27 -4.24 0.00	88.35 -4.78 0.00	99.74 -5.26 0.00	105.42 -7.86 0.00	87.24 -7.76 0.00	99.17 -7.12 0.16	76.59 -4.90 0.06	79.55 -5.72 0.00	77.98 -5.71 0.00	75.63 -5.25 0.00	71.25 -4.09 0.00	59.21 -2.80 0.00
COLONIE_LFGE___ 323577	197.45 8.21 0.00	147.94 6.60 0.00	144.44 6.54 0.00	141.52 6.74 0.00	144.85 6.83 0.00	138.47 6.62 0.00	215.03 7.05 -77.82	389.35 9.43 -210.72	615.26 5.06 -516.17	365.67 6.48 -235.30	77.09 3.41 -0.83	79.24 3.33 -9.55	67.82 3.32 0.00	97.46 4.33 0.00	109.37 4.37 0.00	117.75 4.47 0.00	98.86 3.85 0.00	111.96 5.51 0.00	85.99 4.45 0.00	89.66 4.39 0.00	88.03 4.33 0.00	84.79 3.91 0.00	78.94 3.60 0.00	64.90 2.90 0.00
COOPERNY_115KV_TB1 80082	192.11 2.86 0.00	144.00 2.66 0.00	140.52 2.62 0.00	137.48 2.70 0.00	140.76 2.74 0.00	134.99 3.14 0.00	140.83 3.85 -6.82	192.97 5.64 -18.12	141.32 2.87 -44.43	147.49 3.57 -20.04	74.80 1.88 -0.07	68.99 1.82 -0.81	66.33 1.83 0.00	95.29 2.16 0.00	107.04 2.05 0.00	115.24 1.96 0.00	96.99 1.98 0.00	109.65 3.20 0.00	84.13 2.58 0.00	87.82 2.55 0.00	86.14 2.44 0.00	82.89 2.00 0.00	76.93 1.59 0.00	63.10 1.10 0.00
COPENHAGEN_WT_PWR 323753	190.77 1.52 0.00	142.61 1.27 0.00	138.88 0.98 0.00	136.10 1.32 0.00	140.93 2.90 0.00	135.94 4.09 0.00	134.31 4.14 0.00	175.04 5.83 0.00	97.67 3.65 0.00	128.54 4.65 0.00	74.65 1.80 0.00	67.48 1.12 0.00	65.53 1.02 0.00	93.03 -0.10 0.00	104.40 -0.59 0.00	114.78 1.50 0.00	98.07 3.06 0.00	109.64 3.20 0.00	84.36 2.82 0.00	87.61 2.34 0.00	85.97 2.28 0.00	82.92 2.03 0.00	77.54 2.20 0.00	63.64 1.64 0.00
CORNELL_____ 23752	190.26 1.02 0.00	142.13 0.78 0.00	138.70 0.80 0.00	135.79 1.01 0.00	139.06 1.03 0.00	133.20 1.35 0.00	139.21 1.98 -7.07	180.99 4.07 -7.72	115.05 1.84 -19.19	161.23 1.79 -35.55	87.43 0.76 -13.81	73.80 0.33 -7.11	64.29 -0.21 0.00	93.05 -0.08 0.00	105.96 0.97 0.00	114.02 0.74 0.00	94.87 -0.15 -0.01	107.45 0.40 -0.60	82.20 0.43 -0.22	85.67 0.40 0.00	83.87 0.17 0.00	80.84 -0.05 0.00	75.28 -0.06 0.00	61.88 -0.12 0.00

CORONA__69_KV_TB1 355595	195.62 6.38 0.00	147.65 6.31 0.00	143.58 5.69 0.00	140.67 5.89 0.00	144.33 6.30 0.00	139.07 7.22 0.00	147.39 8.33 -8.90	204.06 11.09 -23.75	157.82 5.54 -58.26	161.27 7.03 -30.35	109.76 4.37 -32.53	103.84 4.32 -33.16	110.47 4.39 -41.57	98.47 5.33 0.00	110.05 5.05 0.00	118.70 5.42 0.00	100.35 5.34 0.00	119.88 7.59 -5.85	87.32 5.77 0.00	91.06 5.79 0.00	89.25 5.55 0.00	85.48 4.60 0.00	79.48 4.14 0.00	65.21 3.21 0.00
CORTLAND__115KV_TB3 80093	188.85 -0.40 0.00	141.16 -0.18 0.00	137.73 -0.16 0.00	134.82 0.04 0.00	138.05 0.02 0.00	132.17 0.32 0.00	132.15 0.84 -1.15	175.98 2.39 -4.38	109.20 0.94 -14.23	140.25 0.82 -15.53	77.77 0.23 -4.69	68.84 -0.07 -2.55	64.07 -0.44 0.00	92.70 -0.43 0.00	105.17 0.18 0.00	113.31 0.03 0.00	94.37 -0.64 0.00	106.38 -0.23 -0.16	81.51 -0.10 -0.06	85.06 -0.21 0.00	83.27 -0.43 0.00	80.29 -0.59 0.00	74.75 -0.59 0.00	61.47 -0.54 0.00
COXSACKIE__GT 23611	195.68 6.44 0.00	146.53 5.20 0.00	142.99 5.09 0.00	139.96 5.18 0.00	143.16 5.13 0.00	136.53 4.68 0.00	169.40 4.57 -34.67	260.29 6.20 -84.88	305.58 3.31 -208.25	217.65 3.93 -89.82	76.21 3.05 -0.31	74.44 4.54 -3.54	68.87 4.37 0.00	99.23 6.10 0.00	109.83 4.84 0.00	118.57 5.29 0.00	101.48 6.48 0.00	115.30 8.86 0.00	88.57 7.02 0.00	92.10 6.83 0.00	90.02 6.32 0.00	86.49 5.61 0.00	80.79 5.45 0.00	66.76 4.76 0.00
CPV_VALLEY__CC1 323721	191.90 2.65 0.00	143.91 2.57 0.00	140.42 2.53 0.00	137.42 2.64 0.00	140.75 2.73 0.00	135.11 3.26 0.00	141.97 4.17 -7.64	195.84 6.26 -20.37	147.13 3.16 -49.95	150.39 3.93 -22.56	74.99 2.06 -0.08	69.32 2.05 -0.91	66.58 2.08 0.00	95.50 2.37 0.00	107.18 2.19 0.00	115.34 2.06 0.00	97.17 2.16 0.00	110.08 3.63 0.00	84.48 2.94 0.00	88.14 2.87 0.00	86.49 2.79 0.00	83.14 2.26 0.00	77.11 1.77 0.00	63.21 1.20 0.00
CPV_VALLEY__CC2 323722	191.90 2.65 0.00	143.91 2.57 0.00	140.42 2.53 0.00	137.42 2.64 0.00	140.75 2.73 0.00	135.11 3.26 0.00	141.97 4.17 -7.64	195.84 6.26 -20.37	147.13 3.16 -49.95	150.39 3.93 -22.56	74.99 2.06 -0.08	69.32 2.05 -0.91	66.58 2.08 0.00	95.50 2.37 0.00	107.18 2.19 0.00	115.34 2.06 0.00	97.17 2.16 0.00	110.08 3.63 0.00	84.48 2.94 0.00	88.14 2.87 0.00	86.49 2.79 0.00	83.14 2.26 0.00	77.11 1.77 0.00	63.21 1.20 0.00
CRESCENT__HYD 24018	197.45 8.21 0.00	147.94 6.60 0.00	144.44 6.54 0.00	141.52 6.74 0.00	144.85 6.83 0.00	138.47 6.62 0.00	215.03 7.05 -77.82	389.35 9.43 -210.72	615.26 5.06 -516.17	365.67 6.48 -235.30	77.09 3.41 -0.83	79.24 3.33 -9.55	67.82 3.32 0.00	97.46 4.33 0.00	109.37 4.37 0.00	117.75 4.47 0.00	98.86 3.85 0.00	111.96 5.51 0.00	85.99 4.45 0.00	89.66 4.39 0.00	88.03 4.33 0.00	84.79 3.91 0.00	78.94 3.60 0.00	64.90 2.90 0.00
CRICKET__VALLEY_CC1 323756	194.76 5.51 0.00	146.01 4.67 0.00	142.41 4.51 0.00	139.48 4.70 0.00	142.90 4.87 0.00	137.16 5.31 0.00	147.36 6.34 -10.86	207.12 8.82 -29.09	170.00 4.65 -71.33	162.11 5.91 -32.31	75.87 2.90 -0.11	70.64 2.97 -1.31	67.53 3.03 0.00	96.74 3.60 0.00	108.44 3.44 0.00	116.84 3.56 0.00	98.49 3.49 0.00	111.81 5.36 0.00	85.89 4.34 0.00	89.52 4.25 0.00	87.83 4.14 0.00	84.48 3.59 0.00	78.36 3.03 0.00	64.23 2.22 0.00
CRICKET__VALLEY_CC2 323757	194.76 5.51 0.00	146.01 4.67 0.00	142.41 4.51 0.00	139.48 4.70 0.00	142.90 4.87 0.00	137.16 5.31 0.00	147.36 6.34 -10.86	207.12 8.82 -29.09	170.00 4.65 -71.33	162.11 5.91 -32.31	75.87 2.90 -0.11	70.64 2.97 -1.31	67.53 3.03 0.00	96.74 3.60 0.00	108.44 3.44 0.00	116.84 3.56 0.00	98.49 3.49 0.00	111.81 5.36 0.00	85.89 4.34 0.00	89.52 4.25 0.00	87.83 4.14 0.00	84.48 3.59 0.00	78.36 3.03 0.00	64.23 2.22 0.00
CRICKET__VALLEY_CC3 323758	194.76 5.51 0.00	146.01 4.67 0.00	142.41 4.51 0.00	139.48 4.70 0.00	142.90 4.87 0.00	137.16 5.31 0.00	147.36 6.34 -10.86	207.12 8.82 -29.09	170.00 4.65 -71.33	162.11 5.91 -32.31	75.87 2.90 -0.11	70.64 2.97 -1.31	67.53 3.03 0.00	96.74 3.60 0.00	108.44 3.44 0.00	116.84 3.56 0.00	98.49 3.49 0.00	111.81 5.36 0.00	85.89 4.34 0.00	89.52 4.25 0.00	87.83 4.14 0.00	84.48 3.59 0.00	78.36 3.03 0.00	64.23 2.22 0.00
CRUCIBLE__METL_DRP 24180	184.71 -4.54 0.00	137.98 -3.36 0.00	134.66 -3.24 0.00	131.75 -3.03 0.00	134.92 -3.11 0.00	129.16 -2.69 0.00	127.81 -2.35 0.00	165.95 -3.25 0.00	91.84 -2.18 0.00	120.66 -3.24 0.00	70.84 -2.02 0.00	64.35 -2.00 0.00	62.61 -1.90 0.00	90.55 -2.59 0.00	102.27 -2.73 0.00	110.69 -2.59 0.00	92.66 -2.35 0.00	104.06 -2.39 0.00	79.73 -1.82 0.00	83.16 -2.11 0.00	81.21 -2.49 0.00	78.24 -2.64 0.00	72.87 -2.47 0.00	59.92 -2.08 0.00
DAHOWA__HYDRO 323763	202.93 13.68 0.00	151.99 10.65 0.00	148.27 10.37 0.00	145.35 10.57 0.00	148.92 10.89 0.00	142.53 10.68 0.00	233.18 11.37 -91.65	429.94 15.21 -245.53	702.53 8.10 -600.41	407.04 10.09 -273.06	79.18 5.36 -0.97	82.55 5.10 -11.09	69.32 4.82 0.00	99.59 6.45 0.00	111.89 6.89 0.00	120.91 7.63 0.00	101.45 6.45 0.00	115.24 8.79 0.00	88.50 6.95 0.00	92.22 6.95 0.00	90.43 6.73 0.00	87.08 6.20 0.00	80.92 5.58 0.00	66.45 4.45 0.00
DANC__LFGE 323619	187.81 -1.44 0.00	140.32 -1.02 0.00	136.77 -1.13 0.00	133.93 -0.85 0.00	138.11 0.08 0.00	132.76 0.91 0.00	131.16 1.00 0.00	170.71 1.50 0.00	94.94 0.92 0.00	124.96 1.07 0.00	72.91 0.06 0.00	66.03 -0.33 0.00	64.14 -0.36 0.00	91.70 -1.44 0.00	103.07 -1.93 0.00	112.48 -0.80 0.00	95.43 0.42 0.00	106.94 0.49 0.00	82.19 0.64 0.00	85.49 0.22 0.00	83.82 0.12 0.00	80.83 -0.05 0.00	75.51 0.17 0.00	62.04 0.04 0.00
DANSKAMMER__1 23586	196.84 7.59 0.00	147.59 6.25 0.00	143.90 6.00 0.00	140.83 6.05 0.00	144.33 6.30 0.00	138.69 6.84 0.00	147.29 7.91 -9.22	204.89 11.19 -24.49	160.13 5.94 -60.16	158.64 7.62 -27.13	77.08 4.13 -0.10	71.43 3.97 -1.09	68.44 3.94 0.00	98.07 4.94 0.00	109.93 4.93 0.00	118.40 5.11 0.00	99.82 4.81 0.00	113.31 6.87 0.00	86.99 5.44 0.00	90.69 5.42 0.00	88.93 5.24 0.00	85.41 4.53 0.00	79.13 3.79 0.00	64.79 2.78 0.00
DANSKAMMER__2 23589	196.84 7.59 0.00	147.59 6.25 0.00	143.90 6.00 0.00	140.83 6.05 0.00	144.33 6.30 0.00	138.69 6.84 0.00	147.29 7.91 -9.22	204.89 11.19 -24.49	160.13 5.94 -60.16	158.64 7.62 -27.13	77.08 4.13 -0.10	71.43 3.97 -1.09	68.44 3.94 0.00	98.07 4.94 0.00	109.93 4.93 0.00	118.40 5.11 0.00	99.82 4.81 0.00	113.31 6.87 0.00	86.99 5.44 0.00	90.69 5.42 0.00	88.93 5.24 0.00	85.41 4.53 0.00	79.13 3.79 0.00	64.79 2.78 0.00
DANSKAMMER__3 23590	196.84 7.59 0.00	147.59 6.25 0.00	143.90 6.00 0.00	140.83 6.05 0.00	144.33 6.30 0.00	138.69 6.84 0.00	147.29 7.91 -9.22	204.89 11.19 -24.49	160.13 5.94 -60.16	158.64 7.62 -27.13	77.08 4.13 -0.10	71.43 3.97 -1.09	68.44 3.94 0.00	98.07 4.94 0.00	109.93 4.93 0.00	118.40 5.11 0.00	99.82 4.81 0.00	113.31 6.87 0.00	86.99 5.44 0.00	90.69 5.42 0.00	88.93 5.24 0.00	85.41 4.53 0.00	79.13 3.79 0.00	64.79 2.78 0.00

DANSKAMMER___4 23591	196.84 7.59 0.00	147.59 6.25 0.00	143.90 6.00 0.00	140.83 6.05 0.00	144.33 6.30 0.00	138.69 6.84 0.00	147.29 7.91 -9.22	204.89 11.19 -24.49	160.13 5.94 -60.16	158.64 7.62 -27.13	77.08 4.13 -0.10	71.43 3.97 -1.09	68.44 3.94 0.00	98.07 4.94 0.00	109.93 4.93 0.00	118.40 5.11 0.00	99.82 4.81 0.00	113.31 6.87 0.00	86.99 5.44 0.00	90.69 5.42 0.00	88.93 5.24 0.00	85.41 4.53 0.00	79.13 3.79 0.00	64.79 2.78 0.00
DANSKAMMER___DIESEL 23592	196.84 7.59 0.00	147.60 6.26 0.00	143.91 6.01 0.00	140.83 6.05 0.00	144.32 6.30 0.00	138.69 6.84 0.00	147.29 7.91 -9.22	204.89 11.19 -24.49	160.12 5.94 -60.16	158.64 7.62 -27.13	77.09 4.14 -0.10	71.42 3.97 -1.09	68.44 3.94 0.00	98.07 4.94 0.00	109.93 4.93 0.00	118.39 5.11 0.00	99.82 4.82 0.00	113.32 6.88 0.00	86.98 5.44 0.00	90.69 5.42 0.00	88.93 5.24 0.00	85.42 4.54 0.00	79.13 3.80 0.00	64.79 2.78 0.00
DARBY___SOLAR 323810	201.47 12.22 0.00	150.88 9.54 0.00	147.26 9.37 0.00	144.35 9.57 0.00	147.83 9.80 0.00	141.46 9.61 0.00	230.40 10.23 -90.01	424.27 13.64 -241.42	691.78 7.26 -590.49	401.59 9.10 -268.59	78.63 4.83 -0.95	81.83 4.57 -10.90	68.87 4.37 0.00	98.94 5.81 0.00	111.13 6.14 0.00	120.07 6.79 0.00	100.79 5.79 0.00	114.35 7.91 0.00	87.83 6.28 0.00	91.54 6.27 0.00	89.77 6.08 0.00	86.45 5.57 0.00	80.37 5.04 0.00	66.02 4.01 0.00
DASHVILLE___HYD 23610	194.79 5.54 0.00	146.14 4.80 0.00	142.53 4.63 0.00	139.47 4.68 0.00	142.94 4.91 0.00	137.20 5.35 0.00	150.60 6.02 -14.42	214.61 8.75 -36.65	188.44 4.65 -89.77	169.50 6.07 -39.55	76.37 3.38 -0.14	71.15 3.22 -1.58	67.76 3.25 0.00	97.14 4.01 0.00	108.88 3.88 0.00	117.31 4.03 0.00	98.88 3.87 0.00	112.18 5.73 0.00	86.09 4.54 0.00	89.76 4.48 0.00	88.01 4.31 0.00	84.61 3.73 0.00	78.39 3.05 0.00	64.25 2.24 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	196.00 6.75 0.00	151.17 9.83 0.00	146.35 8.46 0.00	143.41 8.63 0.00	148.53 10.50 0.00	143.34 11.49 0.00	150.77 11.71 -8.90	206.98 14.01 -23.75	159.93 7.65 -58.26	164.38 10.14 -30.35	112.31 6.92 -32.53	106.16 6.65 -33.16	112.72 6.64 -41.57	101.35 8.21 0.00	111.84 6.84 0.00	121.08 7.80 0.00	102.88 7.88 0.00	123.49 11.20 -5.85	89.35 7.80 0.00	92.98 7.71 0.00	90.36 6.66 0.00	86.05 5.17 0.00	79.98 4.64 0.00	65.43 3.43 0.00
DELAWARE___LFGE 323621	193.71 4.46 0.00	145.19 3.85 0.00	141.84 3.94 0.00	138.72 3.94 0.00	141.92 3.89 0.00	135.89 4.05 0.00	147.53 4.22 -13.15	210.23 5.95 -35.08	182.89 3.03 -85.84	166.60 3.81 -38.90	75.03 2.04 -0.14	69.75 1.81 -1.57	66.23 1.73 0.00	95.38 2.25 0.00	107.41 2.41 0.00	115.72 2.43 0.00	97.04 2.03 0.00	109.31 2.86 0.00	83.81 2.26 0.00	87.50 2.23 0.00	85.79 2.09 0.00	82.76 1.88 0.00	76.88 1.54 0.00	63.16 1.16 0.00
DERFIELD_115KV_TB7 355931	189.81 0.57 0.00	141.90 0.57 0.00	138.54 0.64 0.00	135.47 0.68 0.00	138.73 0.70 0.00	132.68 0.83 0.00	131.13 0.97 0.00	170.94 1.74 0.00	95.02 1.00 0.00	125.24 1.35 0.00	73.52 0.67 0.00	67.01 0.65 0.00	65.13 0.63 0.00	93.85 0.72 0.00	105.64 0.65 0.00	113.90 0.62 0.00	95.63 0.62 0.00	107.44 0.99 0.00	82.36 0.81 0.00	86.03 0.76 0.00	84.44 0.74 0.00	81.46 0.58 0.00	75.85 0.51 0.00	62.38 0.37 0.00
DOGLEVILLE___HYD 23807	198.44 9.19 0.00	149.03 7.69 0.00	145.61 7.72 0.00	142.68 7.90 0.00	146.00 7.97 0.00	140.17 8.32 0.00	139.62 9.46 0.00	183.07 13.87 0.00	101.00 6.98 0.00	132.44 8.54 0.00	76.91 4.06 0.00	69.67 3.31 0.00	67.92 3.42 0.00	96.97 3.84 0.00	108.30 3.31 0.00	116.86 3.58 0.00	98.28 3.27 0.00	112.84 6.40 0.00	86.68 5.14 0.00	90.04 4.77 0.00	87.94 4.24 0.00	84.56 3.68 0.00	78.40 3.06 0.00	64.32 2.32 0.00
DUNKIRK___115KV_TB_200 55889	182.09 -7.15 0.00	134.73 -6.61 0.00	131.09 -6.81 0.00	127.32 -7.46 0.00	129.85 -8.18 0.00	124.39 -7.46 0.00	122.32 -6.89 0.96	160.27 -8.93 0.00	88.57 -5.46 0.00	110.22 -8.29 5.38	65.21 -4.88 2.76	59.67 -5.34 1.35	58.75 -5.75 0.00	86.27 -6.86 0.00	97.53 -7.46 0.00	103.53 -9.75 0.00	86.00 -9.00 0.00	97.55 -8.75 0.14	75.37 -6.13 0.05	78.18 -7.09 0.00	76.66 -7.04 0.00	74.39 -6.49 0.00	70.07 -5.27 0.00	58.36 -3.64 0.00
DUNKIRK___1 23563	182.09 -7.15 0.00	134.73 -6.61 0.00	131.09 -6.81 0.00	127.32 -7.46 0.00	129.85 -8.18 0.00	124.39 -7.46 0.00	122.32 -6.89 0.96	160.27 -8.93 0.00	88.57 -5.46 0.00	110.22 -8.29 5.38	65.21 -4.88 2.76	59.67 -5.34 1.35	58.75 -5.75 0.00	86.27 -6.86 0.00	97.53 -7.46 0.00	103.53 -9.75 0.00	86.00 -9.00 0.00	97.55 -8.75 0.14	75.37 -6.13 0.05	78.18 -7.09 0.00	76.66 -7.04 0.00	74.39 -6.49 0.00	70.07 -5.27 0.00	58.36 -3.64 0.00
DUNKIRK___2 23564	182.09 -7.15 0.00	134.73 -6.61 0.00	131.09 -6.81 0.00	127.32 -7.46 0.00	129.85 -8.18 0.00	124.39 -7.46 0.00	122.32 -6.89 0.96	160.27 -8.93 0.00	88.57 -5.46 0.00	110.22 -8.29 5.38	65.21 -4.88 2.76	59.67 -5.34 1.35	58.75 -5.75 0.00	86.27 -6.86 0.00	97.53 -7.46 0.00	103.53 -9.75 0.00	86.00 -9.00 0.00	97.55 -8.75 0.14	75.37 -6.13 0.05	78.18 -7.09 0.00	76.66 -7.04 0.00	74.39 -6.49 0.00	70.07 -5.27 0.00	58.36 -3.64 0.00
DUNKIRK___3 23565	181.38 -7.87 0.00	134.24 -7.10 0.00	130.70 -7.20 0.00	127.11 -7.67 0.00	129.76 -8.27 0.00	124.20 -7.65 0.00	121.94 -7.29 0.94	159.69 -9.51 0.00	88.32 -5.70 0.00	110.06 -8.59 5.25	65.17 -4.99 2.69	59.62 -5.42 1.32	58.72 -5.78 0.00	86.23 -6.91 0.00	97.70 -7.29 0.00	103.88 -9.40 0.00	85.92 -9.09 0.00	97.15 -9.16 0.13	74.97 -6.53 0.05	77.81 -7.46 0.00	76.26 -7.43 0.00	74.09 -6.79 0.00	69.75 -5.59 0.00	58.09 -3.91 0.00
DUNKIRK___4 23566	181.38 -7.87 0.00	134.24 -7.10 0.00	130.70 -7.20 0.00	127.11 -7.67 0.00	129.76 -8.27 0.00	124.20 -7.65 0.00	121.94 -7.29 0.94	159.69 -9.51 0.00	88.32 -5.70 0.00	110.06 -8.59 5.25	65.17 -4.99 2.69	59.62 -5.42 1.32	58.72 -5.78 0.00	86.23 -6.91 0.00	97.70 -7.29 0.00	103.88 -9.40 0.00	85.92 -9.09 0.00	97.15 -9.16 0.13	74.97 -6.53 0.05	77.81 -7.46 0.00	76.26 -7.43 0.00	74.09 -6.79 0.00	69.75 -5.59 0.00	58.09 -3.91 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	194.81 5.57 0.00	146.23 4.89 0.00	142.49 4.60 0.00	139.45 4.67 0.00	142.94 4.91 0.00	137.46 5.61 0.00	145.95 6.89 -8.90	203.03 10.06 -23.76	157.51 5.21 -58.28	156.94 6.63 -26.41	76.62 3.67 -0.09	71.01 3.59 -1.07	68.12 3.62 0.00	97.55 4.42 0.00	109.35 4.35 0.00	117.64 4.36 0.00	99.19 4.19 0.00	112.64 6.19 0.00	86.43 4.88 0.00	90.10 4.83 0.00	88.38 4.69 0.00	84.81 3.93 0.00	78.56 3.22 0.00	64.34 2.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	194.88 5.63 0.00	146.15 4.81 0.00	142.54 4.64 0.00	139.47 4.69 0.00	142.90 4.87 0.00	137.31 5.46 0.00	145.58 6.48 -8.93	202.29 9.39 -23.69	157.08 4.91 -58.14	156.33 6.24 -26.20	76.31 3.37 -0.09	70.65 3.24 -1.06	67.73 3.23 0.00	97.11 3.97 0.00	108.89 3.89 0.00	117.20 3.92 0.00	98.82 3.81 0.00	112.10 5.66 0.00	86.07 4.52 0.00	89.71 4.44 0.00	88.02 4.32 0.00	84.56 3.68 0.00	78.36 3.03 0.00	64.17 2.17 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	193.93 4.69 0.00	145.54 4.20 0.00	141.92 4.02 0.00	138.81 4.03 0.00	142.35 4.32 0.00	137.03 5.18 0.00	145.71 6.65 -8.90	202.76 9.79 -23.76	157.46 5.16 -58.27	156.81 6.47 -26.44	76.47 3.53 -0.09	71.03 3.61 -1.07	68.18 3.68 0.00	97.62 4.48 0.00	109.54 4.55 0.00	117.79 4.51 0.00	99.23 4.22 0.00	112.69 6.24 0.00	86.47 4.93 0.00	90.15 4.88 0.00	88.49 4.79 0.00	84.91 4.03 0.00	78.66 3.32 0.00	64.56 2.56 0.00
E179THST_13_KV_LOAD 356214	194.86 5.61 0.00	146.22 4.88 0.00	142.53 4.63 0.00	139.41 4.63 0.00	142.93 4.91 0.00	137.61 5.76 0.00	146.36 7.30 -8.90	203.66 10.69 -23.76	157.94 5.64 -58.27	157.43 7.09 -26.44	76.86 3.91 -0.09	71.39 3.97 -1.07	68.52 4.02 0.00	98.09 4.96 0.00	110.10 5.10 0.00	118.39 5.11 0.00	99.72 4.71 0.00	113.27 6.82 0.00	86.95 5.40 0.00	90.61 5.34 0.00	88.91 5.21 0.00	85.31 4.43 0.00	79.00 3.67 0.00	64.83 2.83 0.00
EAST HAMPTON___GT 23717	195.35 6.11 0.00	152.22 10.88 0.00	147.56 9.66 0.00	144.46 9.68 0.00	149.87 11.84 0.00	144.64 12.79 0.00	151.51 12.45 -8.90	206.43 13.47 -23.75	160.46 8.18 -58.26	165.64 11.40 -30.35	112.94 7.55 -32.53	106.69 7.17 -33.16	113.24 7.16 -41.57	102.00 8.86 0.00	111.56 6.57 0.00	121.41 8.13 0.00	103.13 8.12 0.00	123.73 11.43 -5.85	89.14 7.59 0.00	92.74 7.47 0.00	89.50 5.80 0.00	84.98 4.10 0.00	78.90 3.56 0.00	64.46 2.46 0.00
EAST RIVER___6 23660	194.52 5.27 0.00	145.96 4.63 0.00	142.23 4.33 0.00	139.29 4.51 0.00	142.76 4.73 0.00	137.48 5.63 0.00	146.19 7.13 -8.90	203.42 10.46 -23.76	157.80 5.50 -58.27	157.30 7.06 -26.34	77.04 4.09 -0.09	71.45 4.03 -1.07	68.59 4.08 0.00	98.11 4.98 0.00	109.99 5.00 0.00	118.28 5.00 0.00	99.74 4.74 0.00	113.25 6.80 0.00	86.90 5.36 0.00	90.55 5.28 0.00	88.80 5.10 0.00	85.15 4.27 0.00	78.82 3.48 0.00	64.54 2.54 0.00
EAST RIVER___7 23524	194.52 5.27 0.00	145.96 4.63 0.00	142.23 4.33 0.00	139.29 4.51 0.00	142.76 4.73 0.00	137.48 5.63 0.00	146.19 7.13 -8.90	203.42 10.46 -23.76	157.80 5.50 -58.27	157.30 7.06 -26.34	77.04 4.09 -0.09	71.45 4.03 -1.07	68.59 4.08 0.00	98.11 4.98 0.00	109.99 5.00 0.00	118.28 5.00 0.00	99.74 4.74 0.00	113.25 6.80 0.00	86.90 5.36 0.00	90.55 5.28 0.00	88.80 5.10 0.00	85.15 4.27 0.00	78.82 3.48 0.00	64.54 2.54 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	194.39 5.15 0.00	145.95 4.61 0.00	142.27 4.38 0.00	139.26 4.48 0.00	142.68 4.66 0.00	137.20 5.35 0.00	145.63 6.58 -8.89	202.50 9.58 -23.72	157.18 4.99 -58.17	156.48 6.29 -26.30	76.41 3.47 -0.09	70.84 3.42 -1.06	67.95 3.45 0.00	97.32 4.19 0.00	109.08 4.09 0.00	117.36 4.09 0.00	98.94 3.94 0.00	112.33 5.88 0.00	86.21 4.66 0.00	89.88 4.61 0.00	88.18 4.49 0.00	84.64 3.76 0.00	78.44 3.10 0.00	64.25 2.24 0.00
EAST_HAMPTON___DIESEL 23722	194.94 5.69 0.00	152.13 10.78 0.00	147.44 9.55 0.00	144.34 9.56 0.00	149.78 11.75 0.00	144.58 12.73 0.00	151.35 12.29 -8.90	206.28 13.32 -23.75	160.38 8.10 -58.26	165.60 11.36 -30.35	112.89 7.51 -32.53	106.65 7.12 -33.16	113.20 7.12 -41.57	101.91 8.78 0.00	111.51 6.52 0.00	121.27 7.99 0.00	103.00 7.99 0.00	123.58 11.28 -5.85	88.95 7.40 0.00	92.56 7.28 0.00	89.24 5.55 0.00	84.72 3.84 0.00	78.64 3.30 0.00	64.26 2.25 0.00
EAST_POINT___SOLAR 323840	204.14 14.90 0.00	152.32 10.98 0.00	148.55 10.65 0.00	145.16 10.38 0.00	148.72 10.69 0.00	143.05 11.20 0.00	234.95 11.96 -92.83	432.37 16.41 -246.76	705.29 8.68 -602.59	407.95 10.56 -273.50	78.91 5.09 -0.96	80.98 3.55 -11.07	67.83 3.32 0.00	97.78 4.64 0.00	111.40 6.40 0.00	122.16 8.89 0.00	102.64 7.63 0.00	115.75 9.30 0.00	88.59 7.04 0.00	92.25 6.98 0.00	90.15 6.46 0.00	87.01 6.13 0.00	80.74 5.40 0.00	66.20 4.19 0.00
EAST_PULASKI___ESR 323781	184.80 -4.44 0.00	138.03 -3.31 0.00	134.58 -3.32 0.00	131.69 -3.09 0.00	135.26 -2.77 0.00	129.60 -2.25 0.00	128.09 -2.07 0.00	166.40 -2.80 0.00	92.31 -1.71 0.00	121.43 -2.47 0.00	71.19 -1.66 0.00	64.60 -1.76 0.00	62.77 -1.73 0.00	90.32 -2.81 0.00	101.72 -3.27 0.00	110.12 -3.16 0.00	92.81 -2.20 0.00	104.26 -2.18 0.00	80.03 -1.52 0.00	83.39 -1.88 0.00	81.71 -1.99 0.00	78.76 -2.12 0.00	73.45 -1.89 0.00	60.41 -1.59 0.00
EAST_RIVER___1 323558	194.31 5.06 0.00	145.85 4.51 0.00	142.14 4.24 0.00	139.06 4.28 0.00	142.55 4.52 0.00	137.25 5.40 0.00	145.89 6.83 -8.90	203.16 10.20 -23.76	157.60 5.31 -58.27	157.00 6.77 -26.34	76.77 3.82 -0.09	71.20 3.78 -1.07	68.34 3.84 0.00	97.80 4.66 0.00	109.66 4.67 0.00	117.97 4.69 0.00	99.42 4.41 0.00	112.92 6.47 0.00	86.64 5.09 0.00	90.30 5.03 0.00	88.58 4.88 0.00	84.95 4.07 0.00	78.66 3.32 0.00	64.43 2.43 0.00
EAST_RIVER___2 323559	194.52 5.27 0.00	145.96 4.63 0.00	142.23 4.33 0.00	139.29 4.51 0.00	142.76 4.73 0.00	137.48 5.63 0.00	146.19 7.13 -8.90	203.42 10.46 -23.76	157.80 5.50 -58.27	157.30 7.06 -26.34	77.04 4.09 -0.09	71.45 4.03 -1.07	68.59 4.08 0.00	98.11 4.98 0.00	109.99 5.00 0.00	118.28 5.00 0.00	99.74 4.74 0.00	113.25 6.80 0.00	86.90 5.36 0.00	90.55 5.28 0.00	88.80 5.10 0.00	85.15 4.27 0.00	78.82 3.48 0.00	64.54 2.54 0.00
EAST___DELAWARE_HYD 23607	192.08 2.83 0.00	144.03 2.69 0.00	140.42 2.53 0.00	137.39 2.61 0.00	140.79 2.77 0.00	135.30 3.46 0.00	144.30 4.55 -9.58	201.04 6.82 -25.02	158.92 3.56 -61.34	155.84 4.53 -27.41	75.24 2.29 -0.10	69.64 2.19 -1.10	66.66 2.15 0.00	95.57 2.43 0.00	106.92 1.93 0.00	115.37 2.09 0.00	97.31 2.31 0.00	110.44 4.00 0.00	84.78 3.23 0.00	88.40 3.13 0.00	86.68 2.98 0.00	83.24 2.36 0.00	77.02 1.68 0.00	63.00 1.00 0.00
EIGHT_POINT___WT_PWR 323820	182.13 -7.12 0.00	135.29 -6.05 0.00	132.20 -5.69 0.00	130.33 -4.45 0.00	132.89 -5.14 0.00	125.61 -6.23 0.00	124.40 -5.92 -0.16	169.59 -6.29 -6.67	107.42 -3.27 -16.67	112.82 -5.62 5.45	61.67 -4.54 6.64	57.65 -5.74 2.96	58.59 -5.91 0.00	86.34 -6.79 0.00	99.47 -5.53 0.00	103.94 -9.33 0.00	85.83 -9.18 0.00	96.57 -9.55 0.33	75.81 -5.62 0.12	79.31 -5.96 0.00	78.09 -5.60 0.00	76.86 -4.02 0.00	72.11 -3.23 0.00	59.63 -2.37 0.00
ELBRIDGE_115KV_TB2 80188	184.44 -4.80 0.00	137.78 -3.56 0.00	134.55 -3.34 0.00	131.64 -3.14 0.00	134.82 -3.21 0.00	129.04 -2.81 0.00	127.67 -2.49 0.00	165.91 -3.29 0.00	91.79 -2.23 0.00	120.59 -3.30 0.00	70.79 -2.06 0.00	64.30 -2.06 0.00	62.46 -2.05 0.00	90.33 -2.81 0.00	102.11 -2.88 0.00	110.12 -3.16 0.00	92.12 -2.88 0.00	103.51 -2.93 0.00	79.34 -2.21 0.00	82.87 -2.40 0.00	81.09 -2.61 0.00	78.12 -2.77 0.00	72.83 -2.51 0.00	59.88 -2.12 0.00
ELEC_TRO_TEK 24086	195.13 5.89 0.00	147.12 5.78 0.00	143.10 5.20 0.00	140.14 5.36 0.00	143.99 5.96 0.00	138.70 6.85 0.00	147.16 8.10 -8.90	204.05 11.09 -23.75	157.81 5.53 -58.26	161.26 7.02 -30.35	109.71 4.32 -32.53	103.80 4.28 -33.16	110.42 4.34 -41.57	98.40 5.27 0.00	109.92 4.93 0.00	118.41 5.14 0.00	100.15 5.15 0.00	119.84 7.54 -5.85	87.24 5.69 0.00	90.88 5.61 0.00	89.07 5.37 0.00	85.34 4.46 0.00	79.27 3.93 0.00	65.02 3.02 0.00

ELLENBURG_WT_PWR 323604	192.74 3.49 0.00	143.46 2.12 0.00	139.91 2.01 0.00	136.58 1.80 0.00	139.70 1.67 0.00	132.59 0.75 0.00	130.44 0.28 0.00	168.60 -0.61 0.00	94.00 -0.03 0.00	124.02 0.12 0.00	73.07 0.21 0.00	66.43 0.07 0.00	64.20 -0.30 0.00	92.46 -0.68 0.00	104.59 -0.41 0.00	114.60 1.32 0.00	96.30 1.30 0.00	105.45 -0.99 0.00	80.74 -0.81 0.00	84.65 -0.62 0.00	83.28 -0.42 0.00	81.03 0.15 0.00	75.61 0.27 0.00	62.59 0.58 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	179.31 -9.93 0.00	132.73 -8.61 0.00	129.37 -8.52 0.00	126.25 -8.53 0.00	129.12 -8.91 0.00	123.49 -8.36 0.00	120.79 -8.49 0.88	157.82 -11.38 0.00	87.43 -6.59 0.00	109.37 -9.60 4.92	64.86 -5.47 2.52	59.25 -5.88 1.24	58.32 -6.19 0.00	85.60 -7.53 0.00	97.51 -7.48 0.00	104.09 -9.19 0.00	85.49 -9.52 0.00	95.96 -10.36 0.13	73.83 -7.68 0.05	76.72 -8.55 0.00	75.08 -8.62 0.00	73.09 -7.79 0.00	68.73 -6.61 0.00	57.28 -4.73 0.00
EMPIRE_CC_1 323656	195.21 5.96 0.00	146.36 5.01 0.00	142.93 5.03 0.00	140.03 5.24 0.00	143.29 5.26 0.00	136.90 5.05 0.00	160.28 5.37 -24.75	244.26 6.99 -68.07	264.87 3.67 -167.18	205.25 4.88 -76.47	75.61 2.49 -0.27	72.04 2.57 -3.11	67.12 2.62 0.00	96.40 3.26 0.00	108.14 3.14 0.00	116.19 2.91 0.00	97.60 2.60 0.00	110.43 3.99 0.00	84.87 3.32 0.00	88.52 3.25 0.00	86.91 3.22 0.00	83.76 2.88 0.00	78.09 2.75 0.00	64.16 2.16 0.00
EMPIRE_CC_2 323658	195.21 5.96 0.00	146.36 5.01 0.00	142.93 5.03 0.00	140.03 5.24 0.00	143.29 5.26 0.00	136.90 5.05 0.00	160.28 5.37 -24.75	244.26 6.99 -68.07	264.87 3.67 -167.18	205.25 4.88 -76.47	75.61 2.49 -0.27	72.04 2.57 -3.11	67.12 2.62 0.00	96.40 3.26 0.00	108.14 3.14 0.00	116.19 2.91 0.00	97.60 2.60 0.00	110.43 3.99 0.00	84.87 3.32 0.00	88.52 3.25 0.00	86.91 3.22 0.00	83.76 2.88 0.00	78.09 2.75 0.00	64.16 2.16 0.00
ENORWICH_115KV_TB1 80156	199.74 10.49 0.00	149.61 8.27 0.00	146.26 8.37 0.00	143.62 8.84 0.00	148.07 10.04 0.00	142.60 10.75 0.00	149.06 11.51 -7.39	201.50 16.08 -16.22	142.59 8.67 -39.90	161.49 10.65 -26.95	83.38 5.90 -4.62	74.17 4.85 -2.97	68.37 3.87 0.00	98.66 5.53 0.00	112.57 7.58 0.00	120.10 6.82 0.00	98.89 3.88 0.00	111.68 5.05 -0.19	84.95 3.34 -0.07	89.25 3.98 0.00	88.40 4.70 0.00	85.49 4.61 0.00	79.47 4.13 0.00	65.45 3.45 0.00
ERIE_ST__34_KV_TB1-2 80199	182.18 -7.06 0.00	134.91 -6.43 0.00	131.47 -6.43 0.00	128.23 -6.55 0.00	131.13 -6.90 0.00	125.42 -6.43 0.00	122.73 -6.51 0.93	160.83 -8.37 0.00	89.05 -4.97 0.00	111.29 -7.38 5.23	66.06 -4.12 2.68	60.46 -4.58 1.32	59.69 -4.82 0.00	87.56 -5.58 0.00	99.68 -5.31 0.00	106.44 -6.84 0.00	87.29 -7.72 0.00	98.06 -8.26 0.13	75.43 -6.06 0.05	78.38 -6.89 0.00	76.68 -7.01 0.00	74.59 -6.29 0.00	70.09 -5.25 0.00	58.32 -3.69 0.00
ERIE_WT_PWR 323693	180.68 -8.57 0.00	133.81 -7.52 0.00	130.35 -7.55 0.00	127.10 -7.68 0.00	130.05 -7.98 0.00	124.32 -7.52 0.00	121.53 -7.55 1.09	159.22 -9.98 0.00	80.37 -5.85 7.80	107.90 -8.74 7.26	60.66 -5.02 7.17	59.60 -5.46 1.29	58.74 -5.76 0.00	86.34 -6.80 0.00	98.31 -6.68 0.00	104.93 -8.35 0.00	86.23 -8.78 0.00	96.80 -9.51 0.13	74.52 -6.98 0.05	77.37 -7.90 0.00	75.80 -7.90 0.00	73.74 -7.14 0.00	69.34 -6.00 0.00	57.59 -4.28 0.14
ESPRGFLD_115KV_TB1 80157	197.48 8.24 0.00	147.55 6.21 0.00	143.98 6.08 0.00	140.69 5.91 0.00	143.98 5.95 0.00	138.36 6.51 0.00	203.68 7.01 -66.51	355.64 9.59 -176.84	530.99 5.06 -431.90	326.26 6.36 -196.01	76.91 3.36 -0.69	76.99 2.70 -7.93	66.89 2.38 0.00	96.48 3.35 0.00	109.31 4.31 0.00	118.62 5.34 0.00	99.42 4.41 0.00	111.41 4.97 0.00	85.15 3.61 0.00	88.82 3.55 0.00	86.93 3.23 0.00	84.01 3.13 0.00	78.09 2.76 0.00	64.04 2.04 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	190.00 0.75 0.00	141.95 0.61 0.00	138.55 0.65 0.00	135.61 0.82 0.00	138.91 0.88 0.00	133.06 1.21 0.00	138.15 1.77 -6.22	180.70 3.77 -7.72	114.92 1.71 -19.19	156.31 1.63 -30.79	84.91 0.69 -11.37	72.53 0.26 -5.91	64.22 -0.28 0.00	92.97 -0.16 0.00	105.83 0.84 0.00	113.89 0.61 0.00	94.73 -0.28 -0.01	107.15 0.22 -0.48	82.00 0.28 -0.17	85.52 0.25 0.00	83.75 0.05 0.00	80.69 -0.19 0.00	75.17 -0.16 0.00	61.80 -0.20 0.00
ETNA____115KV_TB2 80207	190.00 0.75 0.00	141.95 0.61 0.00	138.55 0.65 0.00	135.61 0.82 0.00	138.91 0.88 0.00	133.06 1.21 0.00	138.15 1.77 -6.22	180.70 3.77 -7.72	114.92 1.71 -19.19	156.31 1.63 -30.79	84.91 0.69 -11.37	72.53 0.26 -5.91	64.22 -0.28 0.00	92.97 -0.16 0.00	105.83 0.84 0.00	113.89 0.61 0.00	94.73 -0.28 -0.01	107.15 0.22 -0.48	82.00 0.28 -0.17	85.52 0.25 0.00	83.75 0.05 0.00	80.69 -0.19 0.00	75.17 -0.16 0.00	61.80 -0.20 0.00
EUCLID____115KV_TB2 356179	183.86 -5.39 0.00	137.34 -3.99 0.00	134.01 -3.88 0.00	131.06 -3.72 0.00	134.23 -3.80 0.00	128.47 -3.38 0.00	127.04 -3.12 0.00	164.68 -4.52 0.00	91.12 -2.90 0.00	119.80 -4.10 0.00	70.34 -2.51 0.00	63.92 -2.44 0.00	62.10 -2.40 0.00	89.76 -3.38 0.00	101.33 -3.66 0.00	109.22 -4.06 0.00	91.40 -3.60 0.00	102.79 -3.66 0.00	78.81 -2.74 0.00	82.24 -3.03 0.00	80.52 -3.18 0.00	77.68 -3.20 0.00	72.34 -3.00 0.00	59.55 -2.45 0.00
E_CANADA_CAP_HY 24051	200.68 11.44 0.00	149.74 8.40 0.00	146.04 8.15 0.00	142.62 7.84 0.00	146.04 8.01 0.00	140.35 8.49 0.00	225.47 9.03 -86.28	410.79 12.23 -229.35	660.68 6.56 -560.10	386.28 8.18 -254.21	77.93 4.18 -0.90	79.95 3.31 -10.28	67.47 2.97 0.00	97.33 4.19 0.00	110.34 5.35 0.00	120.31 7.03 0.00	100.98 5.97 0.00	113.22 6.77 0.00	86.55 5.01 0.00	90.20 4.92 0.00	88.18 4.49 0.00	85.36 4.48 0.00	79.39 4.05 0.00	65.16 3.16 0.00
E_CANADA_MHWK_HY 24050	198.44 9.19 0.00	149.03 7.69 0.00	145.61 7.72 0.00	142.68 7.90 0.00	146.00 7.97 0.00	140.17 8.32 0.00	139.62 9.46 0.00	183.07 13.87 0.00	101.00 6.98 0.00	132.44 8.54 0.00	76.91 4.06 0.00	69.67 3.31 0.00	67.92 3.42 0.00	96.97 3.84 0.00	108.30 3.31 0.00	116.86 3.58 0.00	98.28 3.27 0.00	112.84 6.40 0.00	86.68 5.14 0.00	90.04 4.77 0.00	87.94 4.24 0.00	84.56 3.68 0.00	78.40 3.06 0.00	64.32 2.32 0.00
E_FISHKILL____LBMP 23776	194.36 5.12 0.00	145.85 4.51 0.00	142.22 4.32 0.00	139.20 4.42 0.00	142.62 4.60 0.00	136.95 5.10 0.00	145.35 6.13 -9.05	202.20 8.83 -24.17	157.88 4.60 -59.26	156.53 5.84 -26.79	76.06 3.12 -0.09	70.53 3.09 -1.08	67.61 3.11 0.00	96.90 3.77 0.00	108.66 3.66 0.00	116.94 3.66 0.00	98.55 3.54 0.00	111.79 5.35 0.00	85.83 4.28 0.00	89.50 4.23 0.00	87.80 4.10 0.00	84.35 3.47 0.00	78.22 2.88 0.00	64.12 2.12 0.00
FALCON____SEABRD_CC1 323796	195.47 6.22 0.00	145.73 4.39 0.00	142.17 4.27 0.00	138.78 4.00 0.00	141.70 3.67 0.00	133.97 2.12 0.00	131.93 1.77 0.00	170.44 1.24 0.00	94.97 0.95 0.00	125.20 1.31 0.00	73.64 0.78 0.00	66.95 0.59 0.00	64.76 0.26 0.00	93.23 0.09 0.00	105.46 0.46 0.00	115.58 2.30 0.00	97.23 2.22 0.00	106.67 0.23 0.00	81.67 0.13 0.00	85.53 0.26 0.00	84.09 0.39 0.00	81.66 0.78 0.00	76.18 0.84 0.00	63.30 1.29 0.00

FALCON___SEABRD_CC2 323797	195.47 6.22 0.00	145.73 4.39 0.00	142.17 4.27 0.00	138.78 4.00 0.00	141.70 3.67 0.00	133.97 2.12 0.00	131.93 1.77 0.00	170.44 1.24 0.00	94.97 0.95 0.00	125.20 1.31 0.00	73.64 0.78 0.00	66.95 0.59 0.00	64.76 0.26 0.00	93.23 0.09 0.00	105.46 0.46 0.00	115.58 2.30 0.00	97.23 2.22 0.00	106.67 0.23 0.00	81.67 0.13 0.00	85.53 0.26 0.00	84.09 0.39 0.00	81.66 0.78 0.00	76.18 0.84 0.00	63.30 1.29 0.00
FAR ROCKAWAY___4 23548	196.68 7.44 0.00	148.85 7.51 0.00	144.72 6.82 0.00	141.76 6.98 0.00	145.24 7.21 0.00	140.00 8.15 0.00	148.48 9.42 -8.90	205.08 12.12 -23.75	158.34 6.06 -58.26	161.98 7.73 -30.35	110.37 4.98 -32.53	104.40 4.88 -33.16	111.03 4.95 -41.57	99.22 6.09 0.00	110.95 5.95 0.00	119.73 6.46 0.00	101.20 6.20 0.00	120.72 8.43 -5.85	88.03 6.48 0.00	91.93 6.66 0.00	90.11 6.41 0.00	86.27 5.39 0.00	80.14 4.80 0.00	65.74 3.74 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	194.31 5.07 0.00	145.84 4.50 0.00	142.12 4.23 0.00	139.04 4.26 0.00	142.55 4.52 0.00	137.23 5.38 0.00	145.87 6.81 -8.90	203.17 10.20 -23.76	157.59 5.29 -58.27	156.99 6.76 -26.35	76.73 3.79 -0.09	71.15 3.73 -1.07	68.30 3.79 0.00	97.75 4.61 0.00	109.61 4.62 0.00	117.89 4.61 0.00	99.39 4.38 0.00	112.87 6.43 0.00	86.61 5.06 0.00	90.28 5.01 0.00	88.55 4.85 0.00	84.94 4.06 0.00	78.66 3.32 0.00	64.44 2.43 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	194.42 5.17 0.00	145.94 4.60 0.00	142.19 4.30 0.00	139.16 4.38 0.00	142.63 4.60 0.00	137.28 5.44 0.00	145.98 6.92 -8.90	203.26 10.29 -23.76	157.63 5.34 -58.27	157.03 6.79 -26.35	76.77 3.82 -0.09	71.18 3.75 -1.07	68.33 3.83 0.00	97.78 4.64 0.00	109.65 4.66 0.00	117.96 4.68 0.00	99.42 4.41 0.00	112.91 6.47 0.00	86.65 5.10 0.00	90.32 5.05 0.00	88.62 4.92 0.00	84.98 4.10 0.00	78.69 3.35 0.00	64.47 2.47 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	194.16 4.91 0.00	145.67 4.33 0.00	141.96 4.07 0.00	138.91 4.13 0.00	142.39 4.37 0.00	137.05 5.20 0.00	145.73 6.67 -8.90	202.89 9.92 -23.76	157.44 5.15 -58.27	156.78 6.54 -26.35	76.62 3.67 -0.09	71.04 3.62 -1.07	68.21 3.70 0.00	97.59 4.45 0.00	109.45 4.46 0.00	117.73 4.45 0.00	99.23 4.22 0.00	112.70 6.25 0.00	86.48 4.93 0.00	90.15 4.87 0.00	88.44 4.74 0.00	84.82 3.94 0.00	78.55 3.21 0.00	64.37 2.37 0.00
FARRAGUT___LBMP 323566	194.06 4.81 0.00	145.67 4.33 0.00	141.96 4.07 0.00	138.91 4.13 0.00	142.39 4.37 0.00	137.05 5.20 0.00	145.73 6.67 -8.90	202.89 9.92 -23.76	157.44 5.15 -58.27	156.78 6.54 -26.35	76.62 3.67 -0.09	71.04 3.62 -1.07	68.21 3.70 0.00	97.59 4.45 0.00	109.45 4.46 0.00	117.73 4.45 0.00	99.23 4.22 0.00	112.70 6.25 0.00	86.48 4.93 0.00	90.15 4.87 0.00	88.44 4.74 0.00	84.82 3.94 0.00	78.55 3.21 0.00	64.37 2.37 0.00
FENNER___WINDPWR 24204	191.06 1.81 0.00	142.94 1.61 0.00	139.63 1.73 0.00	136.81 2.03 0.00	140.28 2.26 0.00	134.57 2.73 0.00	134.03 3.22 -0.65	174.15 4.95 0.00	96.66 2.63 0.00	132.25 3.20 -5.15	77.18 1.68 -2.65	68.95 1.29 -1.30	65.38 0.88 0.00	94.49 1.35 0.00	106.94 1.95 0.00	115.33 2.05 0.00	96.41 1.41 0.00	108.27 1.73 -0.09	82.89 1.31 -0.03	86.63 1.36 0.00	84.94 1.25 0.00	81.95 1.07 0.00	76.26 0.92 0.00	62.67 0.67 0.00
FIBERTEK___ENERGY 23856	184.71 -4.54 0.00	137.98 -3.36 0.00	134.66 -3.24 0.00	131.75 -3.03 0.00	134.92 -3.11 0.00	129.16 -2.69 0.00	127.81 -2.35 0.00	165.95 -3.25 0.00	91.84 -2.18 0.00	120.66 -3.24 0.00	70.84 -2.02 0.00	64.35 -2.00 0.00	62.61 -1.90 0.00	90.55 -2.59 0.00	102.27 -2.73 0.00	110.69 -2.59 0.00	92.66 -2.35 0.00	104.06 -2.39 0.00	79.73 -1.82 0.00	83.16 -2.11 0.00	81.21 -2.49 0.00	78.24 -2.64 0.00	72.87 -2.47 0.00	59.92 -2.08 0.00
FITZPATRICK___ 23598	181.52 -7.73 0.00	135.61 -5.73 0.00	132.31 -5.59 0.00	129.39 -5.40 0.00	132.50 -5.53 0.00	126.71 -5.13 0.00	125.24 -4.92 0.00	162.59 -6.61 0.00	90.10 -3.92 0.00	118.45 -5.45 0.00	69.60 -3.25 0.00	63.27 -3.09 0.00	61.49 -3.02 0.00	88.83 -4.30 0.00	100.26 -4.74 0.00	108.07 -5.21 0.00	90.49 -4.52 0.00	101.66 -4.79 0.00	77.93 -3.62 0.00	81.37 -3.90 0.00	79.74 -3.96 0.00	76.97 -3.91 0.00	71.72 -3.61 0.00	59.03 -2.97 0.00
FLOWRFLD_69_KV_BK1 356044	196.67 7.43 0.00	149.37 8.03 0.00	144.86 6.96 0.00	142.02 7.24 0.00	146.45 8.42 0.00	141.29 9.44 0.00	149.53 10.47 -8.90	206.86 13.90 -23.75	159.20 6.92 -58.26	163.03 8.79 -30.35	111.21 5.83 -32.53	105.37 5.85 -33.16	111.96 5.89 -41.57	100.36 7.22 0.00	111.63 6.63 0.00	120.28 6.99 0.00	101.85 6.84 0.00	122.29 9.99 -5.85	88.71 7.16 0.00	92.32 7.05 0.00	90.37 6.68 0.00	86.29 5.41 0.00	80.39 5.05 0.00	65.92 3.92 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	197.22 7.97 0.00	147.92 6.58 0.00	144.20 6.31 0.00	141.15 6.37 0.00	144.61 6.58 0.00	139.00 7.15 0.00	147.63 8.25 -9.22	205.33 11.61 -24.51	160.43 6.20 -60.21	159.01 7.95 -27.16	77.27 4.32 -0.10	71.59 4.13 -1.10	68.60 4.10 0.00	98.31 5.18 0.00	110.17 5.17 0.00	118.67 5.39 0.00	100.03 5.03 0.00	113.56 7.11 0.00	87.20 5.64 0.00	90.89 5.62 0.00	89.12 5.42 0.00	85.59 4.71 0.00	79.29 3.95 0.00	64.92 2.92 0.00
FORT ORANGE___ 23900	195.62 6.37 0.00	146.68 5.34 0.00	143.21 5.32 0.00	140.26 5.48 0.00	143.43 5.40 0.00	136.44 4.59 0.00	181.83 4.17 -47.50	289.10 5.10 -114.79	378.74 2.56 -282.16	247.68 3.29 -120.49	75.18 1.92 -0.41	73.10 2.01 -4.73	66.48 1.97 0.00	95.40 2.26 0.00	106.66 1.66 0.00	114.24 0.96 0.00	96.31 1.31 0.00	108.94 2.50 0.00	83.72 2.17 0.00	87.30 2.02 0.00	85.60 1.90 0.00	82.43 1.55 0.00	77.22 1.89 0.00	64.17 2.17 0.00
FORT_DRUM_COGEN 23780	192.93 3.69 0.00	144.13 2.78 0.00	140.29 2.39 0.00	137.48 2.70 0.00	142.13 4.10 0.00	137.03 5.18 0.00	135.55 5.39 0.00	176.76 7.56 0.00	98.52 4.50 0.00	129.65 5.75 0.00	75.33 2.48 0.00	68.17 1.81 0.00	66.23 1.72 0.00	94.33 1.19 0.00	105.90 0.91 0.00	116.14 2.86 0.00	99.07 4.06 0.00	110.87 4.42 0.00	85.25 3.70 0.00	88.54 3.27 0.00	86.79 3.09 0.00	83.69 2.81 0.00	78.22 2.88 0.00	64.19 2.19 0.00
FOX_HILLS___ESR 323835	192.89 3.65 0.00	144.88 3.54 0.00	141.19 3.30 0.00	138.12 3.34 0.00	141.62 3.60 0.00	136.38 4.53 0.00	145.07 6.01 -8.90	202.24 9.27 -23.76	157.11 4.81 -58.27	-329.12 6.02 459.03	69.45 3.35 6.75	63.45 3.38 6.28	53.70 3.47 14.27	94.26 4.07 2.95	109.07 4.07 0.00	117.37 4.09 0.00	98.91 3.91 0.00	112.36 5.92 0.00	86.28 4.73 0.00	89.97 4.70 0.00	88.55 4.86 0.00	84.93 4.05 0.00	78.43 3.09 0.00	64.29 2.29 0.00
FPL FAR_ROCK_GT1 24212	196.68 7.43 0.00	148.85 7.51 0.00	144.73 6.83 0.00	141.77 6.98 0.00	145.24 7.21 0.00	140.00 8.15 0.00	148.48 9.42 -8.90	205.08 12.12 -23.75	158.34 6.06 -58.26	161.94 7.70 -30.35	110.35 4.96 -32.53	104.42 4.89 -33.16	111.03 4.95 -41.57	99.23 6.09 0.00	110.95 5.95 0.00	119.73 6.45 0.00	101.21 6.20 0.00	120.72 8.42 -5.85	88.03 6.48 0.00	91.93 6.66 0.00	90.11 6.41 0.00	86.26 5.38 0.00	80.14 4.80 0.00	65.73 3.73 0.00

FPL FAR_ROCK_GT2 23815	196.68 7.43 0.00	148.85 7.51 0.00	144.73 6.83 0.00	141.77 6.98 0.00	145.24 7.21 0.00	140.00 8.15 0.00	148.48 9.42 -8.90	205.08 12.12 -23.75	158.34 6.06 -58.26	161.94 7.70 -30.35	110.35 4.96 -32.53	104.42 4.89 -33.16	111.03 4.95 -41.57	99.23 6.09 0.00	110.95 5.95 0.00	119.73 6.45 0.00	101.21 6.20 0.00	120.72 8.42 -5.85	88.03 6.48 0.00	91.93 6.66 0.00	90.11 6.41 0.00	86.26 5.38 0.00	80.14 4.80 0.00	65.73 3.73 0.00
FRANKLIN_FALL_HYD 24054	196.46 7.21 0.00	145.99 4.66 0.00	142.43 4.53 0.00	138.89 4.10 0.00	141.98 3.95 0.00	134.79 2.94 0.00	132.80 2.64 0.00	172.05 2.84 0.00	95.93 1.91 0.00	126.74 2.84 0.00	74.65 1.80 0.00	67.68 1.32 0.00	65.47 0.96 0.00	94.45 1.32 0.00	107.03 2.03 0.00	116.86 3.58 0.00	98.09 3.08 0.00	107.66 1.21 0.00	82.40 0.85 0.00	86.31 1.04 0.00	84.89 1.19 0.00	82.61 1.73 0.00	77.27 1.93 0.00	63.89 1.89 0.00
FREEPORT_EQUS_GT1 23764	195.13 5.89 0.00	147.26 5.92 0.00	143.20 5.31 0.00	140.29 5.51 0.00	144.22 6.19 0.00	139.01 7.16 0.00	147.91 8.85 -8.90	204.85 11.89 -23.75	158.16 5.88 -58.26	161.63 7.39 -30.35	110.04 4.65 -32.53	104.13 4.60 -33.16	110.74 4.67 -41.57	98.85 5.72 0.00	110.34 5.35 0.00	118.93 5.65 0.00	100.47 5.46 0.00	120.20 7.90 -5.85	87.78 6.23 0.00	91.46 6.18 0.00	89.63 5.93 0.00	85.81 4.93 0.00	79.73 4.39 0.00	65.39 3.38 0.00
FREEPORT___CT2 23818	195.13 5.89 0.00	147.26 5.92 0.00	143.20 5.31 0.00	140.29 5.51 0.00	144.22 6.19 0.00	139.01 7.16 0.00	147.91 8.85 -8.90	204.85 11.89 -23.75	158.16 5.88 -58.26	161.63 7.39 -30.35	110.04 4.65 -32.53	104.13 4.60 -33.16	110.74 4.67 -41.57	98.85 5.72 0.00	110.34 5.35 0.00	118.93 5.65 0.00	100.47 5.46 0.00	120.20 7.90 -5.85	87.78 6.23 0.00	91.46 6.18 0.00	89.63 5.93 0.00	85.81 4.93 0.00	79.73 4.39 0.00	65.39 3.38 0.00
FRESHKLS_33_KV_LOAD 356253	192.47 3.22 0.00	144.58 3.24 0.00	140.89 3.00 0.00	137.83 3.05 0.00	141.30 3.27 0.00	136.05 4.20 0.00	144.72 5.65 -8.90	201.75 8.79 -23.76	156.80 4.50 -58.27	-329.25 5.67 458.81	69.25 3.14 6.75	63.25 3.17 6.28	53.51 3.28 14.27	93.94 3.76 2.95	108.74 3.74 0.00	117.03 3.75 0.00	98.63 3.63 0.00	112.07 5.63 0.00	86.06 4.51 0.00	89.74 4.47 0.00	88.44 4.75 0.00	84.82 3.94 0.00	78.26 2.93 0.00	64.11 2.11 0.00
FULTON COGEN____ 23766	183.41 -5.83 0.00	136.98 -4.36 0.00	133.63 -4.26 0.00	130.56 -4.22 0.00	133.77 -4.26 0.00	128.00 -3.85 0.00	126.61 -3.54 0.00	164.29 -4.91 0.00	90.98 -3.04 0.00	119.56 -4.33 0.00	70.21 -2.65 0.00	63.80 -2.56 0.00	62.00 -2.51 0.00	89.59 -3.54 0.00	101.10 -3.89 0.00	109.00 -4.28 0.00	91.28 -3.72 0.00	102.72 -3.73 0.00	78.79 -2.76 0.00	82.17 -3.10 0.00	80.49 -3.21 0.00	77.60 -3.28 0.00	72.26 -3.08 0.00	59.45 -2.55 0.00
FULTON___LFGE 323630	201.72 12.48 0.00	150.65 9.31 0.00	146.99 9.10 0.00	143.61 8.83 0.00	147.11 9.08 0.00	141.32 9.47 0.00	234.72 10.08 -94.48	434.16 13.82 -251.14	714.68 7.38 -613.28	411.42 9.17 -278.35	78.49 4.65 -0.98	81.27 3.65 -11.26	67.94 3.44 0.00	97.85 4.72 0.00	110.63 5.63 0.00	120.87 7.59 0.00	101.55 6.54 0.00	114.43 7.99 0.00	87.61 6.06 0.00	91.32 6.05 0.00	89.33 5.63 0.00	86.21 5.32 0.00	80.05 4.71 0.00	65.69 3.68 0.00
G.F.CEMENT___DRP 24184	205.35 16.10 0.00	153.79 12.45 0.00	150.00 12.10 0.00	147.12 12.34 0.00	150.79 12.76 0.00	144.36 12.51 0.00	237.91 13.32 -94.43	439.52 17.78 -252.53	720.79 9.43 -617.34	416.14 11.57 -280.67	80.03 6.18 -1.00	83.70 5.93 -11.42	70.03 5.53 0.00	100.51 7.38 0.00	112.98 7.98 0.00	122.18 8.90 0.00	102.49 7.49 0.00	116.60 10.16 0.00	89.58 8.03 0.00	93.34 8.07 0.00	91.46 7.76 0.00	88.07 7.19 0.00	81.82 6.49 0.00	67.15 5.14 0.00
GARDENVILLE___LBMP 24039	180.00 -9.24 0.00	133.29 -8.05 0.00	129.90 -8.00 0.00	126.67 -8.11 0.00	129.54 -8.48 0.00	123.81 -8.04 0.00	121.16 -8.08 0.92	158.52 -10.69 0.00	87.80 -6.22 0.00	109.59 -9.16 5.14	64.96 -5.25 2.64	59.39 -5.67 1.29	58.53 -5.97 0.00	85.95 -7.18 0.00	97.85 -7.15 0.00	104.37 -8.91 0.00	85.77 -9.23 0.00	96.37 -9.94 0.13	74.21 -7.29 0.05	77.08 -8.19 0.00	75.48 -8.22 0.00	73.46 -7.42 0.00	69.07 -6.27 0.00	57.55 -4.45 0.00
GARDNVLA_35_KV_LD 355827	180.83 -8.42 0.00	133.86 -7.48 0.00	130.44 -7.46 0.00	127.23 -7.56 0.00	130.13 -7.90 0.00	124.42 -7.43 0.00	121.76 -7.49 0.92	159.37 -9.84 0.00	88.28 -5.74 0.00	110.23 -8.53 5.13	65.33 -4.89 2.63	59.70 -5.36 1.29	58.83 -5.67 0.00	86.41 -6.72 0.00	98.42 -6.58 0.00	105.06 -8.22 0.00	86.31 -8.69 0.00	96.94 -9.38 0.13	74.61 -6.89 0.05	77.52 -7.75 0.00	75.89 -7.81 0.00	73.83 -7.06 0.00	69.40 -5.94 0.00	57.78 -4.22 0.00
GELCKHM___115KV_LOAD 80723	184.17 -5.07 0.00	137.59 -3.75 0.00	134.24 -3.66 0.00	131.31 -3.47 0.00	134.47 -3.56 0.00	128.71 -3.14 0.00	127.31 -2.85 0.00	165.16 -4.05 0.00	91.37 -2.65 0.00	120.10 -3.79 0.00	70.52 -2.33 0.00	64.08 -2.27 0.00	62.28 -2.22 0.00	90.08 -3.06 0.00	101.70 -3.30 0.00	109.78 -3.50 0.00	91.90 -3.10 0.00	103.30 -3.14 0.00	79.20 -2.36 0.00	82.62 -2.66 0.00	80.79 -2.91 0.00	77.91 -2.97 0.00	72.55 -2.79 0.00	59.70 -2.30 0.00
GENERAL___MILLS 23808	180.56 -8.69 0.00	133.70 -7.64 0.00	130.28 -7.62 0.00	127.06 -7.72 0.00	129.98 -8.05 0.00	124.26 -7.59 0.00	121.58 -7.66 0.92	159.11 -10.10 0.00	88.10 -5.92 0.00	110.01 -8.75 5.13	65.21 -5.02 2.63	59.59 -5.47 1.29	58.75 -5.75 0.00	86.28 -6.85 0.00	98.23 -6.76 0.00	104.88 -8.40 0.00	86.15 -8.86 0.00	96.73 -9.58 0.13	74.49 -7.01 0.05	77.36 -7.91 0.00	75.74 -7.95 0.00	73.71 -7.17 0.00	69.30 -6.04 0.00	57.72 -4.28 0.00
GE_PLASTICS___DRP 24183	194.13 4.89 0.00	145.61 4.27 0.00	142.20 4.31 0.00	139.22 4.44 0.00	142.41 4.38 0.00	135.91 4.06 0.00	171.93 4.13 -37.64	267.00 5.24 -92.55	323.36 2.65 -226.69	225.66 3.47 -98.30	75.15 1.96 -0.34	72.25 2.01 -3.89	66.53 2.03 0.00	95.55 2.41 0.00	107.16 2.17 0.00	114.88 1.60 0.00	96.69 1.69 0.00	109.23 2.79 0.00	83.88 2.34 0.00	87.50 2.23 0.00	85.84 2.15 0.00	82.70 1.82 0.00	77.23 1.90 0.00	63.75 1.75 0.00
GILBOA___1 23756	194.07 4.82 0.00	145.88 4.54 0.00	142.80 4.90 0.00	139.76 4.97 0.00	142.56 4.53 0.00	136.01 4.16 0.00	139.55 3.81 -5.57	188.89 4.95 -14.74	132.61 2.46 -36.13	143.39 3.24 -16.26	74.69 1.78 -0.06	68.80 1.79 -0.66	66.29 1.79 0.00	95.29 2.16 0.00	107.11 2.11 0.00	115.24 1.96 0.00	96.84 1.84 0.00	109.25 2.80 0.00	83.87 2.32 0.00	87.55 2.28 0.00	85.87 2.18 0.00	82.79 1.91 0.00	77.01 1.67 0.00	63.32 1.32 0.00
GILBOA___2 23757	194.07 4.82 0.00	145.88 4.54 0.00	142.80 4.90 0.00	139.76 4.97 0.00	142.56 4.53 0.00	136.01 4.16 0.00	139.55 3.81 -5.57	188.89 4.95 -14.74	132.61 2.46 -36.13	143.39 3.24 -16.26	74.69 1.78 -0.06	68.80 1.79 -0.66	66.29 1.79 0.00	95.29 2.16 0.00	107.11 2.11 0.00	115.24 1.96 0.00	96.84 1.84 0.00	109.25 2.80 0.00	83.87 2.32 0.00	87.55 2.28 0.00	85.87 2.18 0.00	82.79 1.91 0.00	77.01 1.67 0.00	63.32 1.32 0.00

GILBOA___3 23758	194.07 4.82 0.00	145.88 4.54 0.00	142.80 4.90 0.00	139.76 4.97 0.00	142.56 4.53 0.00	136.01 4.16 0.00	139.55 3.81 -5.57	188.89 4.95 -14.74	132.61 2.46 -36.13	143.39 3.24 -16.26	74.69 1.78 -0.06	68.80 1.79 -0.66	66.29 1.79 0.00	95.29 2.16 0.00	107.11 2.11 0.00	115.24 1.96 0.00	96.84 1.84 0.00	109.25 2.80 0.00	83.87 2.32 0.00	87.55 2.28 0.00	85.87 2.18 0.00	82.79 1.91 0.00	77.01 1.67 0.00	63.32 1.32 0.00
GILBOA___4 23759	194.07 4.82 0.00	145.88 4.54 0.00	142.80 4.90 0.00	139.76 4.97 0.00	142.56 4.53 0.00	136.01 4.16 0.00	139.55 3.81 -5.57	188.89 4.95 -14.74	132.61 2.46 -36.13	143.39 3.24 -16.26	74.69 1.78 -0.06	68.80 1.79 -0.66	66.29 1.79 0.00	95.29 2.16 0.00	107.11 2.11 0.00	115.24 1.96 0.00	96.84 1.84 0.00	109.25 2.80 0.00	83.87 2.32 0.00	87.55 2.28 0.00	85.87 2.18 0.00	82.79 1.91 0.00	77.01 1.67 0.00	63.32 1.32 0.00
GILBOA___ 23599	194.07 4.82 0.00	145.87 4.54 0.00	142.81 4.92 0.00	139.75 4.97 0.00	142.57 4.54 0.00	136.00 4.16 0.00	139.54 3.80 -5.57	188.90 4.95 -14.74	132.62 2.47 -36.13	143.40 3.25 -16.26	74.69 1.78 -0.06	68.80 1.79 -0.66	66.29 1.79 0.00	95.29 2.16 0.00	107.11 2.11 0.00	115.24 1.96 0.00	96.84 1.84 0.00	109.25 2.81 0.00	83.86 2.32 0.00	87.56 2.28 0.00	85.88 2.18 0.00	82.79 1.91 0.00	77.01 1.67 0.00	63.32 1.31 0.00
GINNA___ 23603	175.23 -14.01 0.00	130.44 -10.90 0.00	127.21 -10.69 0.00	124.33 -10.46 0.00	127.42 -10.61 0.00	122.16 -9.68 0.00	120.28 -9.36 0.52	156.85 -12.36 0.00	83.62 -7.11 3.29	111.16 -9.95 2.79	64.15 -5.82 2.89	60.12 -5.76 0.48	58.69 -5.82 0.00	85.43 -7.70 0.00	96.83 -8.16 0.00	104.07 -9.21 0.00	86.46 -8.54 0.00	97.11 -9.28 0.05	74.46 -7.07 0.02	77.53 -7.74 0.00	75.82 -7.88 0.00	73.30 -7.58 0.00	68.38 -6.96 0.00	56.44 -5.50 0.06
GLEN PARK___ 23778	193.89 4.65 0.00	144.83 3.49 0.00	140.96 3.07 0.00	138.11 3.33 0.00	142.76 4.73 0.00	137.70 5.85 0.00	136.31 6.15 0.00	177.82 8.62 0.00	99.07 5.05 0.00	130.30 6.41 0.00	75.63 2.78 0.00	68.42 2.06 0.00	66.49 1.99 0.00	94.78 1.65 0.00	106.40 1.40 0.00	116.72 3.44 0.00	99.59 4.59 0.00	111.57 5.13 0.00	85.76 4.21 0.00	89.09 3.82 0.00	87.25 3.55 0.00	84.07 3.19 0.00	78.49 3.15 0.00	64.44 2.44 0.00
GLENDALE_27_KV_LOAD 356172	194.99 5.74 0.00	146.32 4.98 0.00	142.56 4.66 0.00	139.47 4.69 0.00	142.97 4.94 0.00	137.68 5.84 0.00	146.44 7.38 -8.90	203.99 11.02 -23.76	158.13 5.83 -58.27	158.19 7.38 -26.92	77.10 4.15 -0.09	71.49 4.07 -1.07	68.62 4.12 0.00	98.21 5.08 0.00	110.14 5.15 0.00	118.45 5.17 0.00	99.83 4.82 0.00	113.38 6.93 0.00	87.03 5.48 0.00	90.74 5.48 0.00	89.02 5.32 0.00	85.36 4.48 0.00	78.98 3.64 0.00	64.69 2.69 0.00
GLENWOOD_IC_1_G5 23712	195.33 6.08 0.00	147.30 5.96 0.00	143.24 5.34 0.00	140.28 5.49 0.00	144.17 6.15 0.00	138.92 7.07 0.00	147.48 8.42 -8.90	204.45 11.48 -23.75	158.01 5.73 -58.26	161.59 7.35 -30.35	109.93 4.54 -32.53	104.01 4.49 -33.16	110.61 4.53 -41.57	98.66 5.53 0.00	110.15 5.16 0.00	118.72 5.44 0.00	100.39 5.38 0.00	120.14 7.84 -5.85	87.43 5.88 0.00	91.08 5.81 0.00	89.23 5.54 0.00	85.48 4.60 0.00	79.40 4.06 0.00	65.13 3.13 0.00
GLENWOOD_IC_2_G1 23688	195.50 6.25 0.00	147.40 6.06 0.00	143.34 5.45 0.00	140.41 5.63 0.00	144.23 6.20 0.00	138.94 7.09 0.00	147.45 8.39 -8.90	204.40 11.43 -23.75	158.01 5.73 -58.26	161.53 7.29 -30.35	109.90 4.51 -32.53	103.97 4.45 -33.16	110.59 4.51 -41.57	98.63 5.49 0.00	110.17 5.17 0.00	118.70 5.43 0.00	100.34 5.34 0.00	120.07 7.77 -5.85	87.41 5.86 0.00	91.06 5.79 0.00	89.24 5.54 0.00	85.50 4.62 0.00	79.41 4.08 0.00	65.10 3.10 0.00
GLENWOOD_IC_3_G1 23689	195.50 6.25 0.00	147.40 6.06 0.00	143.34 5.45 0.00	140.41 5.63 0.00	144.23 6.20 0.00	138.94 7.09 0.00	147.45 8.39 -8.90	204.40 11.43 -23.75	158.01 5.73 -58.26	161.53 7.29 -30.35	109.90 4.51 -32.53	103.97 4.45 -33.16	110.59 4.51 -41.57	98.63 5.49 0.00	110.17 5.17 0.00	118.70 5.43 0.00	100.34 5.34 0.00	120.07 7.77 -5.85	87.41 5.86 0.00	91.06 5.79 0.00	89.24 5.54 0.00	85.50 4.62 0.00	79.41 4.08 0.00	65.10 3.10 0.00
GLENWOOD___4 23550	195.61 6.36 0.00	147.47 6.13 0.00	143.42 5.52 0.00	140.50 5.72 0.00	144.34 6.31 0.00	139.07 7.22 0.00	147.61 8.55 -8.90	204.67 11.71 -23.75	158.13 5.86 -58.26	161.72 7.48 -30.35	110.02 4.63 -32.53	104.08 4.56 -33.16	110.69 4.61 -41.57	98.77 5.63 0.00	110.28 5.28 0.00	118.87 5.59 0.00	100.50 5.49 0.00	120.28 7.98 -5.85	87.54 5.99 0.00	91.18 5.90 0.00	89.34 5.64 0.00	85.59 4.71 0.00	79.49 4.15 0.00	65.18 3.18 0.00
GLENWOOD___5 23614	195.61 6.36 0.00	147.47 6.13 0.00	143.42 5.52 0.00	140.50 5.72 0.00	144.34 6.31 0.00	139.07 7.22 0.00	147.61 8.55 -8.90	204.67 11.71 -23.75	158.13 5.86 -58.26	161.72 7.48 -30.35	110.02 4.63 -32.53	104.08 4.56 -33.16	110.69 4.61 -41.57	98.77 5.63 0.00	110.28 5.28 0.00	118.87 5.59 0.00	100.50 5.49 0.00	120.28 7.98 -5.85	87.54 5.99 0.00	91.18 5.90 0.00	89.34 5.64 0.00	85.59 4.71 0.00	79.49 4.15 0.00	65.18 3.18 0.00
GLOBAL GREEN_PORT_GT1 23814	196.75 7.50 0.00	152.49 11.15 0.00	147.68 9.79 0.00	144.68 9.90 0.00	149.96 11.94 0.00	144.79 12.94 0.00	152.00 12.94 -8.90	205.58 12.62 -23.75	160.52 8.24 -58.26	165.74 11.50 -30.35	113.06 7.67 -32.53	106.82 7.29 -33.16	113.35 7.27 -41.57	101.99 8.86 0.00	110.97 5.98 0.00	121.88 8.60 0.00	103.58 8.57 0.00	124.32 12.03 -5.85	89.77 8.23 0.00	93.43 8.16 0.00	90.44 6.74 0.00	86.01 5.12 0.00	79.85 4.51 0.00	65.26 3.25 0.00
GLOBE___DSASP 323697	173.89 -15.35 0.00	128.63 -12.70 0.00	125.41 -12.49 0.00	122.42 -12.36 0.00	125.48 -12.54 0.00	120.04 -11.81 0.00	117.16 -12.21 0.79	152.41 -16.80 0.00	84.62 -9.40 0.00	106.55 -13.09 4.25	63.28 -7.39 2.18	57.50 -7.79 1.07	56.39 -8.11 0.00	82.69 -10.44 0.00	94.49 -10.50 0.00	101.08 -12.20 0.00	82.76 -12.24 0.00	92.57 -13.76 0.11	71.02 -10.48 0.04	73.78 -11.49 0.00	72.18 -11.52 0.00	70.39 -10.49 0.00	66.29 -9.04 0.00	55.40 -6.60 0.00
GOETHSLN___LBMP 323567	192.72 3.48 0.00	144.70 3.36 0.00	141.08 3.18 0.00	138.04 3.26 0.00	141.47 3.44 0.00	136.22 4.37 0.00	144.90 5.84 -8.90	201.89 8.92 -23.76	156.81 4.51 -58.27	155.09 5.66 -25.54	69.24 3.14 6.76	62.75 3.14 6.74	50.31 3.22 17.41	93.68 3.77 3.22	108.72 3.72 0.00	116.94 3.66 0.00	98.60 3.60 0.00	112.04 5.59 0.00	86.00 4.45 0.00	89.62 4.35 0.00	87.93 4.23 0.00	84.34 3.46 0.00	78.08 2.74 0.00	63.96 1.95 0.00
GOLAH___69_KV_TB 1_2 80279	183.21 -6.03 0.00	136.00 -5.34 0.00	132.62 -5.27 0.00	129.55 -5.24 0.00	132.77 -5.26 0.00	127.32 -4.53 0.00	125.43 -4.21 0.52	163.58 -5.63 0.00	90.61 -3.41 0.00	116.16 -5.18 2.56	68.57 -2.97 1.31	62.36 -3.36 0.64	60.88 -3.62 0.00	88.82 -4.31 0.00	100.95 -4.05 0.00	108.35 -4.93 0.00	89.66 -5.35 0.00	100.76 -5.62 0.07	77.34 -4.19 0.02	80.44 -4.83 0.00	78.68 -5.02 0.00	76.21 -4.67 0.00	71.25 -4.09 0.00	58.98 -3.03 0.00

GOODYEAR_LAKE_HYD 323669	195.41 6.17 0.00	146.35 5.01 0.00	142.92 5.02 0.00	139.74 4.96 0.00	142.91 4.88 0.00	137.09 5.24 0.00	164.86 5.62 -29.07	254.42 7.83 -77.38	287.20 4.06 -189.12	214.81 5.14 -85.78	75.91 2.75 -0.30	72.21 2.38 -3.47	66.70 2.20 0.00	96.11 2.98 0.00	108.46 3.46 0.00	117.08 3.80 0.00	98.16 3.16 0.00	110.37 3.92 0.00	84.49 2.94 0.00	88.16 2.89 0.00	86.38 2.68 0.00	83.34 2.46 0.00	77.43 2.10 0.00	63.54 1.53 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	187.15 -2.10 0.00	139.85 -1.49 0.00	136.32 -1.58 0.00	133.50 -1.29 0.00	136.52 -1.50 0.00	130.56 -1.29 0.00	132.68 -0.97 -3.49	179.59 -0.48 -10.86	120.00 -0.83 -26.82	131.40 -1.49 -9.00	70.14 -1.15 1.56	64.91 -1.15 0.30	63.52 -0.98 0.00	91.65 -1.49 0.00	103.48 -1.51 0.00	111.25 -2.03 0.00	92.96 -2.05 0.00	104.60 -1.78 0.07	80.29 -1.23 0.03	83.91 -1.36 0.00	82.13 -1.57 0.00	79.29 -1.59 0.00	73.93 -1.40 0.00	60.85 -1.15 0.00
GOUDEY___7 23579	187.15 -2.10 0.00	139.85 -1.49 0.00	136.32 -1.58 0.00	133.50 -1.29 0.00	136.52 -1.50 0.00	130.56 -1.29 0.00	132.68 -0.97 -3.49	179.59 -0.48 -10.86	120.00 -0.83 -26.82	131.40 -1.49 -9.00	70.14 -1.15 1.56	64.91 -1.15 0.30	63.52 -0.98 0.00	91.65 -1.49 0.00	103.48 -1.51 0.00	111.25 -2.03 0.00	92.96 -2.05 0.00	104.60 -1.78 0.07	80.29 -1.23 0.03	83.91 -1.36 0.00	82.13 -1.57 0.00	79.29 -1.59 0.00	73.93 -1.40 0.00	60.85 -1.15 0.00
GOUDEY___8 23580	187.15 -2.10 0.00	139.85 -1.49 0.00	136.32 -1.58 0.00	133.50 -1.29 0.00	136.52 -1.50 0.00	130.56 -1.29 0.00	132.68 -0.97 -3.49	179.59 -0.48 -10.86	120.00 -0.83 -26.82	131.40 -1.49 -9.00	70.14 -1.15 1.56	64.91 -1.15 0.30	63.52 -0.98 0.00	91.65 -1.49 0.00	103.48 -1.51 0.00	111.25 -2.03 0.00	92.96 -2.05 0.00	104.60 -1.78 0.07	80.29 -1.23 0.03	83.91 -1.36 0.00	82.13 -1.57 0.00	79.29 -1.59 0.00	73.93 -1.40 0.00	60.85 -1.15 0.00
GOWANUS_GT1_1 24077	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	157.65 6.64 -27.12	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT1_2 24078	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	157.65 6.64 -27.12	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT1_3 24079	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	157.65 6.64 -27.12	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT1_4 24080	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	157.65 6.64 -27.12	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT1_5 24084	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	157.65 6.64 -27.12	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT1_6 24111	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	157.65 6.64 -27.12	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT1_7 24112	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	157.65 6.64 -27.12	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT1_8 24113	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	157.65 6.64 -27.12	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT2_1 24114	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	159.14 6.61 -28.63	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT2_2 24115	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	159.14 6.61 -28.63	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT2_3 24116	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	159.14 6.61 -28.63	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00

GOWANUS_GT4_3 24132	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	159.17 6.64 -28.63	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT4_4 24133	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	159.17 6.64 -28.63	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT4_5 24134	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	159.17 6.64 -28.63	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT4_6 24135	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	159.17 6.64 -28.63	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT4_7 24136	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	159.17 6.64 -28.63	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GOWANUS_GT4_8 24137	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	159.17 6.64 -28.63	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GREENBSH_115KV_TB3 55895	194.40 5.15 0.00	145.83 4.49 0.00	142.43 4.54 0.00	139.47 4.68 0.00	142.68 4.65 0.00	135.98 4.13 0.00	183.47 4.16 -49.16	292.83 5.00 -118.63	388.15 2.47 -291.66	251.51 3.20 -124.41	75.18 1.90 -0.42	73.25 2.02 -4.88	66.55 2.05 0.00	95.50 2.37 0.00	107.02 2.02 0.00	114.31 1.03 0.00	96.18 1.18 0.00	108.68 2.23 0.00	83.54 2.00 0.00	87.12 1.85 0.00	85.47 1.77 0.00	82.31 1.43 0.00	77.09 1.75 0.00	63.77 1.77 0.00
GREENDGE_115KV_TB5 80291	184.47 -4.78 0.00	137.51 -3.83 0.00	133.97 -3.93 0.00	131.72 -3.06 0.00	134.40 -3.63 0.00	128.70 -3.15 0.00	128.36 -1.52 0.28	175.35 -0.64 -6.78	110.17 -0.78 -16.92	112.67 -2.05 9.17	63.10 -1.15 8.60	60.69 -1.74 3.93	62.51 -1.99 0.00	90.60 -2.54 0.00	103.18 -1.81 0.00	109.88 -3.40 0.00	92.08 -2.92 0.01	103.24 -2.78 0.42	80.08 -1.32 0.15	83.80 -1.47 0.00	81.89 -1.80 0.00	79.08 -1.80 0.00	73.75 -1.59 0.00	60.76 -1.24 0.00
GREENIDGE___3 23582	184.47 -4.78 0.00	137.51 -3.83 0.00	133.97 -3.93 0.00	131.72 -3.06 0.00	134.40 -3.63 0.00	128.70 -3.15 0.00	128.36 -1.52 0.28	175.35 -0.64 -6.78	110.17 -0.78 -16.92	112.67 -2.05 9.17	63.10 -1.15 8.60	60.69 -1.74 3.93	62.51 -1.99 0.00	90.60 -2.54 0.00	103.18 -1.81 0.00	109.88 -3.40 0.00	92.08 -2.92 0.01	103.24 -2.78 0.42	80.08 -1.32 0.15	83.80 -1.47 0.00	81.89 -1.80 0.00	79.08 -1.80 0.00	73.75 -1.59 0.00	60.76 -1.24 0.00
GREENIDGE___4 23583	184.47 -4.78 0.00	137.53 -3.81 0.00	133.96 -3.94 0.00	131.72 -3.06 0.00	134.41 -3.62 0.00	128.70 -3.15 0.00	128.40 -1.53 0.24	175.35 -0.64 -6.78	113.10 -0.82 -19.90	113.38 -2.15 8.36	64.82 -1.16 6.87	60.68 -1.75 3.93	62.52 -1.98 0.00	90.60 -2.53 0.00	103.16 -1.83 0.00	109.88 -3.40 0.00	92.08 -2.92 0.01	103.24 -2.78 0.42	80.07 -1.32 0.15	83.79 -1.48 0.00	81.89 -1.80 0.00	79.09 -1.79 0.00	73.75 -1.59 0.00	60.82 -1.24 -0.05
GREENLWN_69_KV_BK 3 55738	195.55 6.31 0.00	147.75 6.41 0.00	143.66 5.77 0.00	140.82 6.03 0.00	144.80 6.78 0.00	139.57 7.73 0.00	147.95 8.89 -8.90	204.94 11.97 -23.75	158.18 5.90 -58.26	161.82 7.58 -30.35	110.22 4.84 -32.53	104.34 4.82 -33.16	110.91 4.83 -41.57	99.02 5.89 0.00	110.35 5.35 0.00	118.75 5.47 0.00	100.56 5.55 0.00	120.49 8.20 -5.85	87.56 6.01 0.00	91.13 5.86 0.00	89.28 5.58 0.00	85.36 4.48 0.00	79.47 4.14 0.00	65.24 3.23 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	157.65 6.64 -27.12	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
GRISSOM___SOLAR 323813	201.32 12.07 0.00	150.42 9.09 0.00	146.77 8.87 0.00	143.43 8.64 0.00	146.94 8.91 0.00	141.09 9.24 0.00	235.96 9.81 -95.98	437.77 13.42 -255.15	724.24 7.16 -623.06	415.58 8.89 -282.79	78.31 4.46 -1.00	81.28 3.48 -11.44	67.83 3.33 0.00	97.63 4.49 0.00	110.28 5.29 0.00	120.53 7.25 0.00	101.29 6.28 0.00	114.27 7.83 0.00	87.51 5.96 0.00	91.24 5.97 0.00	89.28 5.58 0.00	86.12 5.23 0.00	79.97 4.64 0.00	65.61 3.61 0.00
GROVEVILLE___HYD 323602	197.22 7.97 0.00	147.92 6.58 0.00	144.20 6.31 0.00	141.15 6.37 0.00	144.61 6.58 0.00	139.00 7.15 0.00	147.63 8.25 -9.22	205.33 11.61 -24.51	160.43 6.20 -60.21	159.01 7.95 -27.16	77.27 4.32 -0.10	71.59 4.13 -1.10	68.60 4.10 0.00	98.31 5.18 0.00	110.17 5.17 0.00	118.67 5.39 0.00	100.03 5.03 0.00	113.56 7.11 0.00	87.20 5.64 0.00	90.89 5.62 0.00	89.12 5.42 0.00	85.59 4.71 0.00	79.29 3.95 0.00	64.92 2.92 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	184.71 -4.54 0.00	137.98 -3.36 0.00	134.66 -3.24 0.00	131.75 -3.03 0.00	134.92 -3.11 0.00	129.16 -2.69 0.00	127.81 -2.35 0.00	165.95 -3.25 0.00	91.84 -2.18 0.00	120.66 -3.24 0.00	70.84 -2.02 0.00	64.35 -2.00 0.00	62.61 -1.90 0.00	90.55 -2.59 0.00	102.27 -2.73 0.00	110.69 -2.59 0.00	92.66 -2.35 0.00	104.06 -2.39 0.00	79.73 -1.82 0.00	83.16 -2.11 0.00	81.21 -2.49 0.00	78.24 -2.64 0.00	72.87 -2.47 0.00	59.92 -2.08 0.00

HAMLTNNY_34_KV_TB 80303	185.63 -3.62 0.00	138.63 -2.71 0.00	135.39 -2.51 0.00	132.43 -2.35 0.00	135.61 -2.42 0.00	129.83 -2.01 0.00	128.64 -1.52 0.00	167.38 -1.83 0.00	92.61 -1.41 0.00	121.60 -2.30 0.00	71.38 -1.48 0.00	64.81 -1.55 0.00	62.98 -1.52 0.00	91.09 -2.04 0.00	103.02 -1.98 0.00	111.06 -2.22 0.00	92.92 -2.08 0.00	104.44 -2.01 0.00	80.08 -1.47 0.00	83.60 -1.67 0.00	81.78 -1.92 0.00	78.79 -2.10 0.00	73.39 -1.95 0.00	60.34 -1.66 0.00
HAMPSHIRE___PAPER_HYD 323593	192.62 3.37 0.00	143.53 2.19 0.00	139.69 1.79 0.00	136.60 1.82 0.00	140.24 2.21 0.00	133.81 1.96 0.00	131.99 1.83 0.00	171.58 2.38 0.00	95.74 1.72 0.00	126.56 2.67 0.00	74.21 1.36 0.00	67.33 0.97 0.00	65.37 0.87 0.00	93.86 0.72 0.00	105.88 0.88 0.00	115.03 1.75 0.00	97.11 2.10 0.00	107.82 1.37 0.00	82.64 1.09 0.00	86.10 0.82 0.00	84.66 0.96 0.00	82.19 1.31 0.00	77.48 2.14 0.00	63.90 1.89 0.00
HARDSCRABBLE_WT_PWR 323673	196.90 7.66 0.00	147.74 6.40 0.00	144.34 6.45 0.00	141.32 6.54 0.00	144.65 6.62 0.00	138.82 6.97 0.00	138.13 7.97 0.00	180.89 11.68 0.00	99.96 5.94 0.00	131.20 7.31 0.00	76.37 3.52 0.00	69.28 2.92 0.00	67.49 2.99 0.00	96.47 3.34 0.00	107.96 2.97 0.00	116.50 3.21 0.00	97.84 2.83 0.00	111.75 5.30 0.00	85.78 4.23 0.00	89.12 3.85 0.00	86.92 3.22 0.00	83.61 2.73 0.00	77.67 2.33 0.00	63.79 1.79 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	194.71 5.46 0.00	146.01 4.67 0.00	142.40 4.50 0.00	139.36 4.58 0.00	142.77 4.74 0.00	137.22 5.37 0.00	144.96 6.48 -8.33	200.89 9.48 -22.20	153.41 4.94 -54.45	154.72 6.22 -24.60	76.33 3.39 -0.09	70.65 3.30 -0.99	67.75 3.25 0.00	97.12 3.99 0.00	108.86 3.86 0.00	117.21 3.93 0.00	98.83 3.82 0.00	112.16 5.72 0.00	86.08 4.53 0.00	89.76 4.49 0.00	88.06 4.37 0.00	84.56 3.68 0.00	78.34 3.01 0.00	64.17 2.17 0.00
HARSNRAD_115KV_TB1 81005	176.55 -12.70 0.00	130.75 -10.59 0.00	127.48 -10.42 0.00	124.32 -10.46 0.00	127.25 -10.78 0.00	121.73 -10.12 0.00	119.08 -10.31 0.77	155.21 -13.99 0.00	86.08 -7.94 0.00	108.43 -11.28 4.19	64.30 -6.41 2.15	58.55 -6.76 1.05	57.41 -7.09 0.00	84.22 -8.92 0.00	96.02 -8.98 0.00	102.66 -10.62 0.00	83.97 -11.03 0.00	94.05 -12.29 0.11	72.25 -9.26 0.04	75.03 -10.24 0.00	73.43 -10.26 0.00	71.58 -9.30 0.00	67.34 -8.00 0.00	56.25 -5.75 0.00
HARZA MOOSE___RIVER 24016	193.11 3.86 0.00	144.35 3.01 0.00	140.53 2.63 0.00	137.72 2.94 0.00	141.92 3.89 0.00	136.46 4.61 0.00	135.01 4.84 0.00	176.03 6.82 0.00	98.06 4.04 0.00	129.14 5.25 0.00	75.47 2.62 0.00	68.54 2.18 0.00	66.51 2.00 0.00	95.14 2.01 0.00	107.22 2.22 0.00	116.53 3.25 0.00	98.56 3.55 0.00	110.40 3.96 0.00	84.68 3.13 0.00	88.02 2.75 0.00	86.47 2.77 0.00	83.40 2.52 0.00	77.93 2.59 0.00	64.01 2.01 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	184.49 -4.76 0.00	137.79 -3.55 0.00	134.48 -3.41 0.00	131.54 -3.24 0.00	134.72 -3.32 0.00	128.90 -2.95 0.00	127.50 -2.66 0.00	165.47 -3.74 0.00	91.54 -2.49 0.00	120.31 -3.59 0.00	70.64 -2.21 0.00	64.19 -2.17 0.00	62.37 -2.14 0.00	90.13 -3.00 0.00	101.81 -3.19 0.00	109.69 -3.59 0.00	91.80 -3.21 0.00	103.25 -3.19 0.00	79.15 -2.40 0.00	82.61 -2.66 0.00	80.85 -2.85 0.00	78.00 -2.89 0.00	72.63 -2.71 0.00	59.77 -2.23 0.00
HELLGATE_13_KV_LD 55870	194.14 4.89 0.00	145.69 4.35 0.00	141.94 4.04 0.00	138.88 4.09 0.00	142.38 4.35 0.00	137.08 5.24 0.00	145.79 6.73 -8.90	203.04 10.07 -23.76	157.58 5.29 -58.27	157.38 6.72 -26.76	76.71 3.76 -0.09	71.15 3.73 -1.07	68.28 3.78 0.00	97.71 4.57 0.00	109.61 4.62 0.00	117.88 4.60 0.00	99.33 4.33 0.00	112.80 6.36 0.00	86.56 5.01 0.00	90.29 5.02 0.00	88.56 4.86 0.00	84.94 4.06 0.00	78.61 3.28 0.00	64.44 2.44 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	194.14 4.89 0.00	145.69 4.35 0.00	141.94 4.04 0.00	138.88 4.09 0.00	142.38 4.35 0.00	137.08 5.24 0.00	145.79 6.73 -8.90	203.04 10.07 -23.76	157.58 5.29 -58.27	157.38 6.72 -26.76	76.71 3.76 -0.09	71.15 3.73 -1.07	68.28 3.78 0.00	97.71 4.57 0.00	109.61 4.62 0.00	117.88 4.60 0.00	99.33 4.33 0.00	112.80 6.36 0.00	86.56 5.01 0.00	90.29 5.02 0.00	88.56 4.86 0.00	84.94 4.06 0.00	78.61 3.28 0.00	64.44 2.44 0.00
HEMPSTEAD____ 23647	194.55 5.30 0.00	146.76 5.42 0.00	142.73 4.83 0.00	139.87 5.08 0.00	143.71 5.68 0.00	138.51 6.66 0.00	147.09 8.03 -8.90	203.93 10.96 -23.75	157.67 5.39 -58.26	161.08 6.83 -30.35	109.69 4.31 -32.53	103.81 4.29 -33.16	110.43 4.35 -41.57	98.40 5.27 0.00	109.84 4.84 0.00	118.36 5.08 0.00	100.08 5.07 0.00	119.84 7.54 -5.85	87.24 5.69 0.00	90.87 5.60 0.00	89.05 5.35 0.00	85.29 4.41 0.00	79.25 3.92 0.00	64.97 2.97 0.00
HEWLETT_69_KV_BK3 55828	196.13 6.88 0.00	148.19 6.85 0.00	144.12 6.23 0.00	141.20 6.42 0.00	144.76 6.74 0.00	139.52 7.68 0.00	147.87 8.82 -8.90	204.50 11.54 -23.75	158.06 5.78 -58.26	161.61 7.37 -30.35	110.03 4.64 -32.53	104.07 4.56 -33.16	110.72 4.64 -41.57	98.79 5.66 0.00	110.46 5.46 0.00	119.15 5.87 0.00	100.74 5.73 0.00	120.25 7.96 -5.85	87.65 6.10 0.00	91.46 6.19 0.00	89.63 5.94 0.00	85.85 4.97 0.00	79.79 4.45 0.00	65.46 3.46 0.00
HICKLING___1 23621	184.17 -5.08 0.00	137.27 -4.07 0.00	133.60 -4.30 0.00	131.15 -3.63 0.00	133.83 -4.20 0.00	127.71 -4.14 0.00	127.20 -3.43 -0.48	174.70 -2.65 -8.14	112.04 -2.19 -20.21	114.79 -3.67 5.43	62.78 -2.63 7.44	60.23 -2.83 3.30	61.70 -2.80 0.00	89.44 -3.69 0.00	101.67 -3.32 0.00	108.52 -4.76 0.00	90.23 -4.77 0.00	101.37 -4.72 0.36	78.41 -3.01 0.13	82.15 -3.12 0.00	80.24 -3.45 0.00	77.63 -3.25 0.00	72.52 -2.82 0.00	59.85 -2.15 0.00
HICKLING___2 23622	184.17 -5.08 0.00	137.27 -4.07 0.00	133.60 -4.30 0.00	131.15 -3.63 0.00	133.83 -4.20 0.00	127.71 -4.14 0.00	127.20 -3.43 -0.48	174.70 -2.65 -8.14	112.04 -2.19 -20.21	114.79 -3.67 5.43	62.78 -2.63 7.44	60.23 -2.83 3.30	61.70 -2.80 0.00	89.44 -3.69 0.00	101.67 -3.32 0.00	108.52 -4.76 0.00	90.23 -4.77 0.00	101.37 -4.72 0.36	78.41 -3.01 0.13	82.15 -3.12 0.00	80.24 -3.45 0.00	77.63 -3.25 0.00	72.52 -2.82 0.00	59.85 -2.15 0.00
HIGH FALLS___HY 23754	197.00 7.76 0.00	147.70 6.36 0.00	143.95 6.05 0.00	140.82 6.04 0.00	144.34 6.31 0.00	138.84 6.99 0.00	151.11 8.22 -12.73	213.72 11.88 -32.63	180.31 6.38 -79.91	167.52 8.26 -35.36	77.43 4.45 -0.12	71.87 4.10 -1.41	68.52 4.02 0.00	98.19 5.06 0.00	109.95 4.96 0.00	118.55 5.27 0.00	99.93 4.92 0.00	113.50 7.05 0.00	87.16 5.61 0.00	90.86 5.59 0.00	89.11 5.41 0.00	85.54 4.66 0.00	79.07 3.73 0.00	64.60 2.60 0.00
HIGH_RIVER___SOLAR 323847	197.49 8.24 0.00	147.77 6.43 0.00	144.22 6.32 0.00	141.09 6.31 0.00	144.39 6.36 0.00	138.35 6.51 0.00	238.49 6.92 -101.40	448.20 9.46 -269.54	757.24 5.02 -658.20	428.99 6.35 -298.75	77.23 3.32 -1.05	81.31 2.86 -12.09	67.12 2.62 0.00	96.55 3.42 0.00	108.70 3.71 0.00	118.08 4.80 0.00	99.24 4.24 0.00	111.98 5.53 0.00	85.85 4.30 0.00	89.53 4.26 0.00	87.72 4.02 0.00	84.59 3.71 0.00	78.62 3.28 0.00	64.56 2.56 0.00

HILLBURN___GT 23639	193.47 4.23 0.00	145.19 3.85 0.00	141.65 3.75 0.00	138.63 3.85 0.00	142.01 3.98 0.00	136.57 4.72 0.00	144.51 5.91 -8.44	200.52 8.80 -22.52	153.75 4.51 -55.23	154.46 5.61 -24.95	75.98 3.04 -0.09	70.36 3.00 -1.01	67.48 2.97 0.00	96.68 3.55 0.00	108.46 3.47 0.00	116.65 3.37 0.00	98.35 3.34 0.00	111.65 5.20 0.00	85.70 4.15 0.00	89.35 4.08 0.00	87.73 4.03 0.00	84.23 3.35 0.00	77.99 2.65 0.00	63.91 1.91 0.00
HILLSIDE_115KV_TB1 80332	182.01 -7.24 0.00	135.79 -5.54 0.00	132.11 -5.79 0.00	129.61 -5.17 0.00	132.37 -5.66 0.00	126.35 -5.50 0.00	125.99 -4.91 -0.74	173.27 -4.37 -8.43	111.68 -3.27 -20.93	114.66 -4.95 4.29	62.47 -3.36 7.02	59.98 -3.30 3.08	61.48 -3.02 0.00	88.85 -4.29 0.00	100.64 -4.36 0.00	107.77 -5.50 0.00	89.74 -5.27 0.00	100.68 -5.42 0.34	77.61 -3.82 0.12	81.36 -3.91 0.00	79.45 -4.24 0.00	76.79 -4.10 0.00	71.79 -3.55 0.00	59.14 -2.86 0.00
HISHELDN_WT_PWR 323625	179.41 -9.84 0.00	133.05 -8.29 0.00	129.83 -8.07 0.00	126.86 -7.92 0.00	129.35 -8.68 0.00	123.03 -8.82 0.00	120.38 -8.56 1.22	162.59 -10.97 -4.36	97.50 -6.36 -9.83	113.13 -9.51 1.25	61.29 -5.76 5.81	58.86 -6.12 1.37	58.27 -6.23 0.00	85.65 -7.49 0.00	97.36 -7.63 0.00	103.51 -9.77 0.00	85.33 -9.68 0.00	96.03 -10.25 0.16	74.40 -7.09 0.06	77.44 -7.83 0.00	75.86 -7.84 0.00	73.84 -7.04 0.00	69.38 -5.96 0.00	57.67 -4.26 0.08
HOLTSVILLE_IC_1 23690	195.59 6.35 0.00	148.55 7.21 0.00	144.17 6.27 0.00	141.36 6.58 0.00	145.74 7.71 0.00	140.54 8.69 0.00	148.73 9.67 -8.90	205.69 12.73 -23.75	158.59 6.31 -58.26	162.23 7.99 -30.35	110.83 5.44 -32.53	104.99 5.47 -33.16	111.59 5.52 -41.57	99.90 6.77 0.00	111.11 6.12 0.00	119.66 6.38 0.00	101.48 6.48 0.00	121.75 9.45 -5.85	88.32 6.77 0.00	91.97 6.70 0.00	90.05 6.35 0.00	86.00 5.12 0.00	80.11 4.77 0.00	65.66 3.66 0.00
HOLTSVILLE_IC_10 23699	196.52 7.27 0.00	149.34 8.00 0.00	144.83 6.93 0.00	142.02 7.24 0.00	146.47 8.44 0.00	141.31 9.46 0.00	149.50 10.44 -8.90	206.77 13.81 -23.75	159.14 6.86 -58.26	162.97 8.73 -30.35	111.28 5.89 -32.53	105.39 5.87 -33.16	111.97 5.90 -41.57	100.38 7.24 0.00	111.66 6.66 0.00	120.33 7.05 0.00	102.06 7.05 0.00	122.48 10.18 -5.85	88.87 7.32 0.00	92.53 7.26 0.00	90.57 6.87 0.00	86.48 5.59 0.00	80.52 5.18 0.00	65.98 3.98 0.00
HOLTSVILLE_IC_2 23691	195.59 6.35 0.00	148.55 7.21 0.00	144.17 6.27 0.00	141.36 6.58 0.00	145.74 7.71 0.00	140.54 8.69 0.00	148.73 9.67 -8.90	205.69 12.73 -23.75	158.59 6.31 -58.26	162.23 7.99 -30.35	110.83 5.44 -32.53	104.99 5.47 -33.16	111.59 5.52 -41.57	99.90 6.77 0.00	111.11 6.12 0.00	119.66 6.38 0.00	101.48 6.48 0.00	121.75 9.45 -5.85	88.32 6.77 0.00	91.97 6.70 0.00	90.05 6.35 0.00	86.00 5.12 0.00	80.11 4.77 0.00	65.66 3.66 0.00
HOLTSVILLE_IC_3 23692	195.59 6.35 0.00	148.55 7.21 0.00	144.17 6.27 0.00	141.36 6.58 0.00	145.74 7.71 0.00	140.54 8.69 0.00	148.73 9.67 -8.90	205.69 12.73 -23.75	158.59 6.31 -58.26	162.23 7.99 -30.35	110.83 5.44 -32.53	104.99 5.47 -33.16	111.59 5.52 -41.57	99.90 6.77 0.00	111.11 6.12 0.00	119.66 6.38 0.00	101.48 6.48 0.00	121.75 9.45 -5.85	88.32 6.77 0.00	91.97 6.70 0.00	90.05 6.35 0.00	86.00 5.12 0.00	80.11 4.77 0.00	65.66 3.66 0.00
HOLTSVILLE_IC_4 23693	195.59 6.35 0.00	148.55 7.21 0.00	144.17 6.27 0.00	141.36 6.58 0.00	145.74 7.71 0.00	140.54 8.69 0.00	148.73 9.67 -8.90	205.69 12.73 -23.75	158.59 6.31 -58.26	162.23 7.99 -30.35	110.83 5.44 -32.53	104.99 5.47 -33.16	111.59 5.52 -41.57	99.90 6.77 0.00	111.11 6.12 0.00	119.66 6.38 0.00	101.48 6.48 0.00	121.75 9.45 -5.85	88.32 6.77 0.00	91.97 6.70 0.00	90.05 6.35 0.00	86.00 5.12 0.00	80.11 4.77 0.00	65.66 3.66 0.00
HOLTSVILLE_IC_5 23694	195.59 6.35 0.00	148.55 7.21 0.00	144.17 6.27 0.00	141.36 6.58 0.00	145.74 7.71 0.00	140.54 8.69 0.00	148.73 9.67 -8.90	205.69 12.73 -23.75	158.59 6.31 -58.26	162.23 7.99 -30.35	110.83 5.44 -32.53	104.99 5.47 -33.16	111.59 5.52 -41.57	99.90 6.77 0.00	111.11 6.12 0.00	119.66 6.38 0.00	101.48 6.48 0.00	121.75 9.45 -5.85	88.32 6.77 0.00	91.97 6.70 0.00	90.05 6.35 0.00	86.00 5.12 0.00	80.11 4.77 0.00	65.66 3.66 0.00
HOLTSVILLE_IC_6 23695	196.52 7.27 0.00	149.34 8.00 0.00	144.83 6.93 0.00	142.02 7.24 0.00	146.47 8.44 0.00	141.31 9.46 0.00	149.50 10.44 -8.90	206.77 13.81 -23.75	159.14 6.86 -58.26	162.97 8.73 -30.35	111.28 5.89 -32.53	105.39 5.87 -33.16	111.97 5.90 -41.57	100.38 7.24 0.00	111.66 6.66 0.00	120.33 7.05 0.00	102.06 7.05 0.00	122.48 10.18 -5.85	88.87 7.32 0.00	92.53 7.26 0.00	90.57 6.87 0.00	86.48 5.59 0.00	80.52 5.18 0.00	65.98 3.98 0.00
HOLTSVILLE_IC_7 23696	196.52 7.27 0.00	149.34 8.00 0.00	144.83 6.93 0.00	142.02 7.24 0.00	146.47 8.44 0.00	141.31 9.46 0.00	149.50 10.44 -8.90	206.77 13.81 -23.75	159.14 6.86 -58.26	162.97 8.73 -30.35	111.28 5.89 -32.53	105.39 5.87 -33.16	111.97 5.90 -41.57	100.38 7.24 0.00	111.66 6.66 0.00	120.33 7.05 0.00	102.06 7.05 0.00	122.48 10.18 -5.85	88.87 7.32 0.00	92.53 7.26 0.00	90.57 6.87 0.00	86.48 5.59 0.00	80.52 5.18 0.00	65.98 3.98 0.00
HOLTSVILLE_IC_8 23697	196.52 7.27 0.00	149.34 8.00 0.00	144.83 6.93 0.00	142.02 7.24 0.00	146.47 8.44 0.00	141.31 9.46 0.00	149.50 10.44 -8.90	206.77 13.81 -23.75	159.14 6.86 -58.26	162.97 8.73 -30.35	111.28 5.89 -32.53	105.39 5.87 -33.16	111.97 5.90 -41.57	100.38 7.24 0.00	111.66 6.66 0.00	120.33 7.05 0.00	102.06 7.05 0.00	122.48 10.18 -5.85	88.87 7.32 0.00	92.53 7.26 0.00	90.57 6.87 0.00	86.48 5.59 0.00	80.52 5.18 0.00	65.98 3.98 0.00
HOLTSVILLE_IC_9 23698	196.52 7.27 0.00	149.34 8.00 0.00	144.83 6.93 0.00	142.02 7.24 0.00	146.47 8.44 0.00	141.31 9.46 0.00	149.50 10.44 -8.90	206.77 13.81 -23.75	159.14 6.86 -58.26	162.97 8.73 -30.35	111.28 5.89 -32.53	105.39 5.87 -33.16	111.97 5.90 -41.57	100.38 7.24 0.00	111.66 6.66 0.00	120.33 7.05 0.00	102.06 7.05 0.00	122.48 10.18 -5.85	88.87 7.32 0.00	92.53 7.26 0.00	90.57 6.87 0.00	86.48 5.59 0.00	80.52 5.18 0.00	65.98 3.98 0.00
HOMER_HL_115KV_TB2 355744	179.95 -9.30 0.00	133.72 -7.62 0.00	130.44 -7.46 0.00	127.34 -7.44 0.00	129.45 -8.58 0.00	123.67 -8.18 0.00	120.66 -8.33 1.17	163.73 -10.02 -4.54	102.37 -6.42 -14.77	114.43 -9.44 0.03	64.14 -5.30 3.42	59.91 -5.03 1.42	59.57 -4.93 0.00	87.35 -5.78 0.00	99.13 -5.87 0.00	104.93 -8.35 0.00	85.78 -9.22 0.00	96.83 -9.44 0.17	74.64 -6.85 0.06	77.66 -7.61 0.00	76.16 -7.54 0.00	74.08 -6.80 0.00	69.82 -5.52 0.00	57.99 -4.01 0.00
HOWARD_WT_PWR 323690	182.04 -7.21 0.00	135.22 -6.12 0.00	132.20 -5.69 0.00	130.38 -4.40 0.00	132.96 -5.07 0.00	125.51 -6.34 0.00	124.11 -6.06 -0.01	169.75 -6.25 -6.79	107.75 -3.22 -16.95	111.85 -5.52 6.52	61.13 -4.48 7.25	57.35 -5.75 3.26	58.55 -5.95 0.00	86.39 -6.74 0.00	99.61 -5.39 0.00	104.05 -9.23 0.00	85.90 -9.10 0.00	96.68 -9.41 0.36	75.85 -5.57 0.13	79.32 -5.95 0.00	78.17 -5.53 0.00	76.89 -3.99 0.00	72.14 -3.20 0.00	59.68 -2.32 0.00

HQ_GEN_CEDARS 23644	192.97 3.72 0.00	143.48 2.15 0.00	139.72 1.82 0.00	136.16 1.38 0.00	139.43 1.40 0.00	132.50 0.65 0.00	130.29 0.13 0.00	168.70 -0.51 0.00	94.13 0.11 0.00	124.48 0.59 0.00	73.44 0.59 0.00	66.77 0.42 0.00	64.80 0.30 0.00	93.95 0.81 0.00	106.51 1.51 0.00	115.43 2.15 0.00	96.66 1.66 0.00	106.67 0.23 0.00	81.57 0.02 0.00	85.48 0.21 0.00	84.07 0.38 0.00	81.90 1.02 0.00	77.16 1.82 0.00	63.69 1.69 0.00
HQ_GEN_CEDARS_PROXY 323590	192.97 3.72 0.00	143.48 2.14 0.00	139.72 1.82 0.00	136.16 1.38 0.00	139.43 1.40 0.00	132.50 0.66 0.00	130.29 0.13 0.00	168.70 -0.50 0.00	94.14 0.12 0.00	124.53 0.63 0.00	73.46 0.61 0.00	66.78 0.42 0.00	64.81 0.31 0.00	93.95 0.81 0.00	106.50 1.51 0.00	115.43 2.15 0.00	96.67 1.66 0.00	106.67 0.23 0.00	81.57 0.02 0.00	85.48 0.21 0.00	84.08 0.38 0.00	81.90 1.02 0.00	77.16 1.82 0.00	63.69 1.68 0.00
HQ_GEN_IMPORT 323601	190.71 1.46 0.00	141.85 0.51 0.00	138.24 0.35 0.00	134.79 0.01 0.00	138.14 0.12 0.00	131.52 -0.33 0.00	129.32 -0.84 0.00	167.44 -1.77 0.00	93.35 -0.67 0.00	123.35 -0.55 0.00	72.82 -0.03 0.00	66.27 -0.09 0.00	64.36 -0.15 0.00	93.36 0.23 0.00	105.60 0.61 0.00	109.61 1.05 4.72	95.76 0.75 0.00	106.03 -0.41 0.00	81.05 -0.50 0.00	85.05 -0.22 0.00	83.63 -0.07 0.00	81.21 0.33 0.00	75.80 0.46 0.00	62.47 0.47 0.00
HQ_GEN_WHEEL 23651	190.71 1.46 0.00	141.85 0.51 0.00	138.24 0.35 0.00	134.79 0.01 0.00	138.14 0.12 0.00	131.52 -0.33 0.00	129.32 -0.84 0.00	167.44 -1.77 0.00	93.35 -0.67 0.00	123.35 -0.55 0.00	72.82 -0.03 0.00	66.27 -0.09 0.00	64.36 -0.15 0.00	93.36 0.23 0.00	105.60 0.61 0.00	109.61 1.05 4.72	95.76 0.75 0.00	106.03 -0.41 0.00	81.05 -0.50 0.00	85.05 -0.22 0.00	83.63 -0.07 0.00	81.21 0.33 0.00	75.80 0.46 0.00	62.47 0.47 0.00
HUDSON AVE_GT_3 23810	194.42 5.17 0.00	145.92 4.58 0.00	142.19 4.30 0.00	139.16 4.38 0.00	142.63 4.60 0.00	137.29 5.44 0.00	145.99 6.93 -8.90	203.26 10.29 -23.76	157.67 5.37 -58.27	157.09 6.85 -26.35	76.77 3.82 -0.09	71.21 3.79 -1.07	68.34 3.84 0.00	97.80 4.67 0.00	109.67 4.68 0.00	117.98 4.70 0.00	99.43 4.42 0.00	112.94 6.50 0.00	86.66 5.12 0.00	90.33 5.06 0.00	88.62 4.92 0.00	84.99 4.11 0.00	78.70 3.36 0.00	64.49 2.49 0.00
HUDSON AVE_GT_4 23540	194.42 5.17 0.00	145.92 4.58 0.00	142.19 4.30 0.00	139.16 4.38 0.00	142.63 4.60 0.00	137.29 5.44 0.00	145.99 6.93 -8.90	203.26 10.29 -23.76	157.67 5.37 -58.27	157.09 6.85 -26.35	76.77 3.82 -0.09	71.21 3.79 -1.07	68.34 3.84 0.00	97.80 4.67 0.00	109.67 4.68 0.00	117.98 4.70 0.00	99.43 4.42 0.00	112.94 6.50 0.00	86.66 5.12 0.00	90.33 5.06 0.00	88.62 4.92 0.00	84.99 4.11 0.00	78.70 3.36 0.00	64.49 2.49 0.00
HUDSON AVE_GT_5 23657	194.42 5.17 0.00	145.92 4.58 0.00	142.19 4.30 0.00	139.16 4.38 0.00	142.63 4.60 0.00	137.29 5.44 0.00	145.99 6.93 -8.90	203.26 10.29 -23.76	157.67 5.37 -58.27	157.09 6.85 -26.35	76.77 3.82 -0.09	71.21 3.79 -1.07	68.34 3.84 0.00	97.80 4.67 0.00	109.67 4.68 0.00	117.98 4.70 0.00	99.43 4.42 0.00	112.94 6.50 0.00	86.66 5.12 0.00	90.33 5.06 0.00	88.62 4.92 0.00	84.99 4.11 0.00	78.70 3.36 0.00	64.49 2.49 0.00
HUDSON_AVE_10 24168	193.66 4.42 0.00	145.32 3.98 0.00	141.65 3.75 0.00	138.60 3.81 0.00	142.06 4.03 0.00	136.83 4.98 0.00	145.52 6.45 -8.90	202.65 9.68 -23.76	157.33 5.04 -58.27	156.65 6.41 -26.35	76.53 3.58 -0.09	70.98 3.55 -1.07	68.12 3.62 0.00	97.48 4.35 0.00	109.34 4.34 0.00	117.54 4.26 0.00	99.10 4.10 0.00	112.59 6.14 0.00	86.41 4.87 0.00	90.07 4.80 0.00	88.36 4.66 0.00	84.75 3.87 0.00	78.45 3.12 0.00	64.31 2.31 0.00
HUDSON___115KV_TB 4 355613	198.50 9.26 0.00	148.76 7.42 0.00	145.18 7.29 0.00	142.16 7.38 0.00	145.42 7.39 0.00	138.56 6.71 0.00	177.27 6.46 -40.65	276.34 8.26 -98.88	341.16 4.34 -242.79	233.57 5.44 -104.23	76.33 3.12 -0.36	73.65 3.19 -4.10	67.56 3.05 0.00	97.12 3.98 0.00	108.05 3.05 0.00	116.48 3.20 0.00	98.68 3.67 0.00	111.84 5.39 0.00	85.93 4.38 0.00	89.54 4.27 0.00	87.71 4.01 0.00	84.38 3.49 0.00	78.92 3.58 0.00	65.40 3.40 0.00
HUNTER MOUNT___DRP 323613	198.57 9.32 0.00	148.74 7.40 0.00	145.15 7.25 0.00	142.13 7.35 0.00	145.38 7.35 0.00	138.59 6.74 0.00	171.22 6.39 -34.67	262.35 8.26 -84.88	306.62 4.35 -208.25	219.15 5.43 -89.82	76.42 3.25 -0.31	73.48 3.58 -3.54	67.96 3.46 0.00	97.80 4.66 0.00	108.74 3.75 0.00	117.20 3.92 0.00	99.54 4.54 0.00	112.83 6.38 0.00	86.68 5.13 0.00	90.30 5.03 0.00	88.40 4.70 0.00	85.04 4.16 0.00	79.50 4.17 0.00	65.79 3.79 0.00
HUNTINGTON_RES_REC 323705	196.31 7.06 0.00	148.67 7.34 0.00	144.42 6.52 0.00	141.63 6.85 0.00	145.82 7.79 0.00	140.62 8.77 0.00	148.89 9.83 -8.90	206.10 13.13 -23.75	158.73 6.45 -58.26	162.50 8.26 -30.35	110.81 5.42 -32.53	104.96 5.44 -33.16	111.51 5.43 -41.57	99.74 6.61 0.00	111.00 6.00 0.00	119.46 6.18 0.00	101.29 6.28 0.00	121.56 9.26 -5.85	88.23 6.68 0.00	91.83 6.55 0.00	89.97 6.27 0.00	85.97 5.09 0.00	80.04 4.71 0.00	65.66 3.65 0.00
HUNTLEY___63 23557	178.47 -10.77 0.00	132.08 -9.26 0.00	128.73 -9.17 0.00	125.60 -9.18 0.00	128.61 -9.42 0.00	123.14 -8.71 0.00	120.81 -8.53 0.82	157.98 -11.23 0.00	87.67 -6.35 0.00	110.10 -9.25 4.54	65.31 -5.21 2.33	59.51 -5.71 1.14	58.43 -6.07 0.00	85.75 -7.39 0.00	97.77 -7.22 0.00	104.46 -8.82 0.00	85.56 -9.45 0.00	96.02 -10.31 0.12	73.72 -7.78 0.04	76.01 -9.26 0.00	74.49 -9.20 0.00	72.57 -8.32 0.00	68.26 -7.07 0.00	56.96 -5.04 0.00
HUNTLEY___64 23558	178.47 -10.77 0.00	132.08 -9.26 0.00	128.73 -9.17 0.00	125.60 -9.18 0.00	128.61 -9.42 0.00	123.14 -8.71 0.00	120.81 -8.53 0.82	157.98 -11.23 0.00	87.67 -6.35 0.00	110.10 -9.25 4.54	65.31 -5.21 2.33	59.51 -5.71 1.14	58.43 -6.07 0.00	85.75 -7.39 0.00	97.77 -7.22 0.00	104.46 -8.82 0.00	85.56 -9.45 0.00	96.02 -10.31 0.12	73.72 -7.78 0.04	76.01 -9.26 0.00	74.49 -9.20 0.00	72.57 -8.32 0.00	68.26 -7.07 0.00	56.96 -5.04 0.00
HUNTLEY___65 23559	178.47 -10.77 0.00	132.08 -9.26 0.00	128.73 -9.17 0.00	125.60 -9.18 0.00	128.61 -9.42 0.00	123.14 -8.71 0.00	120.81 -8.53 0.82	157.98 -11.23 0.00	87.67 -6.35 0.00	110.10 -9.25 4.54	65.31 -5.21 2.33	59.51 -5.71 1.14	58.43 -6.07 0.00	85.75 -7.39 0.00	97.77 -7.22 0.00	104.46 -8.82 0.00	85.56 -9.45 0.00	96.02 -10.31 0.12	73.72 -7.78 0.04	76.01 -9.26 0.00	74.49 -9.20 0.00	72.57 -8.32 0.00	68.26 -7.07 0.00	56.96 -5.04 0.00
HUNTLEY___66 23560	178.47 -10.77 0.00	132.08 -9.26 0.00	128.73 -9.17 0.00	125.60 -9.18 0.00	128.61 -9.42 0.00	123.14 -8.71 0.00	120.81 -8.53 0.82	157.98 -11.23 0.00	87.67 -6.35 0.00	110.10 -9.25 4.54	65.31 -5.21 2.33	59.51 -5.71 1.14	58.43 -6.07 0.00	85.75 -7.39 0.00	97.77 -7.22 0.00	104.46 -8.82 0.00	85.56 -9.45 0.00	96.02 -10.31 0.12	73.72 -7.78 0.04	76.01 -9.26 0.00	74.49 -9.20 0.00	72.57 -8.32 0.00	68.26 -7.07 0.00	56.96 -5.04 0.00

HUNTLEY___67 23561	177.93 -11.32 0.00	131.74 -9.60 0.00	128.34 -9.56 0.00	125.26 -9.52 0.00	128.21 -9.82 0.00	122.60 -9.25 0.00	119.81 -9.50 0.85	156.38 -12.83 0.00	86.68 -7.34 0.00	108.58 -10.61 4.71	64.39 -6.05 2.42	58.77 -6.41 1.19	57.80 -6.70 0.00	84.82 -8.31 0.00	96.71 -8.28 0.00	103.33 -9.95 0.00	84.80 -10.21 0.00	95.08 -11.25 0.12	73.09 -8.41 0.04	75.96 -9.31 0.00	74.31 -9.38 0.00	72.38 -8.50 0.00	68.08 -7.25 0.00	56.79 -5.21 0.00
HUNTLEY___68 23562	177.93 -11.32 0.00	131.74 -9.60 0.00	128.34 -9.56 0.00	125.26 -9.52 0.00	128.21 -9.82 0.00	122.60 -9.25 0.00	119.81 -9.50 0.85	156.38 -12.83 0.00	86.68 -7.34 0.00	108.58 -10.61 4.71	64.39 -6.05 2.42	58.77 -6.41 1.19	57.80 -6.70 0.00	84.82 -8.31 0.00	96.71 -8.28 0.00	103.33 -9.95 0.00	84.80 -10.21 0.00	95.08 -11.25 0.12	73.09 -8.41 0.04	75.96 -9.31 0.00	74.31 -9.38 0.00	72.38 -8.50 0.00	68.08 -7.25 0.00	56.79 -5.21 0.00
HYLAND___LFGE 323620	185.76 -3.48 0.00	137.89 -3.45 0.00	134.50 -3.40 0.00	131.65 -3.13 0.00	134.70 -3.33 0.00	128.92 -2.93 0.00	126.79 -2.05 1.32	167.28 -1.93 0.00	91.77 -1.16 1.09	112.32 -3.68 7.89	65.30 -3.03 4.53	59.86 -4.58 1.91	59.12 -5.39 0.00	86.46 -6.67 0.00	100.77 -4.22 0.00	107.80 -5.48 0.00	89.31 -5.69 0.00	101.39 -4.86 0.19	78.93 -2.55 0.07	82.13 -3.14 0.00	80.26 -3.44 0.00	77.82 -3.07 0.00	72.62 -2.71 0.00	59.95 -2.03 0.02
INDECK___CORINTH 23802	204.52 15.28 0.00	153.13 11.79 0.00	149.35 11.45 0.00	146.40 11.62 0.00	150.05 12.02 0.00	143.73 11.88 0.00	239.55 12.62 -96.77	444.48 16.86 -258.42	734.52 8.94 -631.57	421.91 11.11 -286.91	79.93 6.06 -1.01	83.72 5.77 -11.59	69.83 5.33 0.00	100.28 7.15 0.00	112.71 7.71 0.00	121.87 8.59 0.00	102.26 7.25 0.00	116.20 9.75 0.00	89.24 7.69 0.00	92.99 7.72 0.00	91.10 7.41 0.00	87.80 6.92 0.00	81.53 6.20 0.00	66.90 4.90 0.00
INDECK___ILION 23567	199.91 10.66 0.00	150.10 8.76 0.00	146.68 8.78 0.00	143.70 8.92 0.00	147.06 9.03 0.00	141.23 9.38 0.00	140.70 10.54 0.00	184.58 15.37 0.00	101.84 7.82 0.00	133.53 9.64 0.00	77.53 4.68 0.00	70.22 3.86 0.00	68.47 3.97 0.00	97.75 4.61 0.00	109.18 4.19 0.00	117.86 4.58 0.00	99.13 4.13 0.00	113.82 7.37 0.00	87.44 5.89 0.00	90.81 5.54 0.00	88.65 4.95 0.00	85.23 4.35 0.00	78.95 3.61 0.00	64.73 2.73 0.00
INDECK___OLEAN 23982	179.96 -9.28 0.00	133.74 -7.60 0.00	130.44 -7.46 0.00	127.33 -7.46 0.00	129.45 -8.58 0.00	123.69 -8.16 0.00	120.42 -8.34 1.41	163.74 -10.01 -4.54	91.21 -6.44 -3.63	111.22 -9.62 3.06	57.59 -5.36 9.90	59.89 -5.05 1.42	59.56 -4.95 0.00	87.34 -5.79 0.00	99.12 -5.87 0.00	104.93 -8.35 0.00	85.78 -9.22 0.00	96.85 -9.43 0.17	74.65 -6.84 0.06	77.66 -7.61 0.00	76.15 -7.54 0.00	74.08 -6.80 0.00	69.82 -5.52 0.00	57.80 -4.02 0.19
INDECK___OSWEGO 23783	181.26 -7.99 0.00	135.35 -5.99 0.00	132.04 -5.86 0.00	129.10 -5.68 0.00	132.30 -5.73 0.00	126.58 -5.27 0.00	125.11 -5.05 0.00	162.48 -6.72 0.00	89.98 -4.04 0.00	118.32 -5.58 0.00	69.47 -3.39 0.00	63.12 -3.24 0.00	61.35 -3.15 0.00	88.56 -4.58 0.00	99.90 -5.09 0.00	107.74 -5.54 0.00	90.38 -4.63 0.00	101.64 -4.81 0.00	77.95 -3.60 0.00	81.33 -3.94 0.00	79.75 -3.95 0.00	76.87 -4.01 0.00	71.61 -3.73 0.00	58.92 -3.09 0.00
INDECK___YERKES 23781	178.66 -10.58 0.00	132.21 -9.12 0.00	128.87 -9.03 0.00	125.72 -9.06 0.00	128.69 -9.34 0.00	123.27 -8.57 0.00	120.79 -8.39 0.97	158.17 -11.03 0.00	80.75 -6.22 7.05	108.25 -9.19 6.45	61.27 -5.16 6.43	59.54 -5.68 1.14	58.46 -6.04 0.00	85.84 -7.29 0.00	97.88 -7.11 0.00	104.57 -8.71 0.00	85.65 -9.35 0.00	96.12 -10.21 0.12	73.79 -7.71 0.04	76.09 -9.18 0.00	74.59 -9.10 0.00	72.64 -8.24 0.00	68.35 -6.99 0.00	56.91 -4.97 0.12
INDIAN POINT_GT_1 24139	194.01 4.77 0.00	145.61 4.27 0.00	142.00 4.10 0.00	138.98 4.20 0.00	142.39 4.36 0.00	136.92 5.07 0.00	145.22 6.25 -8.81	201.88 9.16 -23.51	156.41 4.74 -57.65	155.93 5.97 -26.06	76.18 3.23 -0.09	70.61 3.20 -1.05	67.71 3.21 0.00	97.01 3.87 0.00	108.77 3.77 0.00	117.02 3.74 0.00	98.66 3.65 0.00	112.00 5.55 0.00	85.97 4.42 0.00	89.62 4.35 0.00	87.94 4.24 0.00	84.42 3.54 0.00	78.22 2.88 0.00	64.09 2.09 0.00
INDIAN POINT_GT_2 23659	194.01 4.77 0.00	145.61 4.27 0.00	142.00 4.10 0.00	138.98 4.20 0.00	142.39 4.36 0.00	136.92 5.07 0.00	145.22 6.25 -8.81	201.88 9.16 -23.51	156.41 4.74 -57.65	155.93 5.97 -26.06	76.18 3.23 -0.09	70.61 3.20 -1.05	67.71 3.21 0.00	97.01 3.87 0.00	108.77 3.77 0.00	117.02 3.74 0.00	98.66 3.65 0.00	112.00 5.55 0.00	85.97 4.42 0.00	89.62 4.35 0.00	87.94 4.24 0.00	84.42 3.54 0.00	78.22 2.88 0.00	64.09 2.09 0.00
INDIAN POINT_GT_3 24019	194.01 4.77 0.00	145.61 4.27 0.00	142.00 4.10 0.00	138.98 4.20 0.00	142.39 4.36 0.00	136.92 5.07 0.00	145.22 6.25 -8.81	201.88 9.16 -23.51	156.41 4.74 -57.65	155.93 5.97 -26.06	76.18 3.23 -0.09	70.61 3.20 -1.05	67.71 3.21 0.00	97.01 3.87 0.00	108.77 3.77 0.00	117.02 3.74 0.00	98.66 3.65 0.00	112.00 5.55 0.00	85.97 4.42 0.00	89.62 4.35 0.00	87.94 4.24 0.00	84.42 3.54 0.00	78.22 2.88 0.00	64.09 2.09 0.00
INDIAN POINT___2 23530	193.47 4.23 0.00	145.24 3.90 0.00	141.65 3.75 0.00	138.63 3.85 0.00	142.05 4.02 0.00	136.56 4.71 0.00	144.73 5.90 -8.67	201.04 8.71 -23.13	155.21 4.47 -56.72	155.11 5.58 -25.64	75.97 3.03 -0.09	70.41 3.02 -1.04	67.52 3.02 0.00	96.74 3.61 0.00	108.50 3.50 0.00	116.70 3.42 0.00	98.39 3.39 0.00	111.68 5.23 0.00	85.72 4.17 0.00	89.37 4.10 0.00	87.70 4.00 0.00	84.22 3.34 0.00	78.03 2.69 0.00	63.92 1.91 0.00
INDIAN POINT___3 23531	193.70 4.45 0.00	145.40 4.05 0.00	141.79 3.89 0.00	138.78 3.99 0.00	142.18 4.15 0.00	136.67 4.82 0.00	144.97 5.99 -8.82	201.56 8.82 -23.53	156.28 4.55 -57.71	155.69 5.71 -26.09	76.03 3.09 -0.09	70.46 3.05 -1.05	67.58 3.08 0.00	96.82 3.69 0.00	108.57 3.57 0.00	116.80 3.52 0.00	98.47 3.46 0.00	111.78 5.34 0.00	85.78 4.23 0.00	89.43 4.16 0.00	87.77 4.07 0.00	84.27 3.39 0.00	78.08 2.74 0.00	63.97 1.97 0.00
INGHAM_C_115KV_TB7 356103	198.44 9.19 0.00	149.04 7.70 0.00	145.63 7.73 0.00	142.68 7.90 0.00	146.00 7.97 0.00	140.17 8.32 0.00	139.62 9.46 0.00	183.07 13.87 0.00	101.01 6.98 0.00	132.45 8.55 0.00	76.91 4.06 0.00	69.67 3.31 0.00	67.92 3.42 0.00	96.97 3.84 0.00	108.30 3.31 0.00	116.86 3.58 0.00	98.28 3.27 0.00	112.84 6.40 0.00	86.68 5.13 0.00	90.04 4.77 0.00	87.94 4.24 0.00	84.56 3.68 0.00	78.40 3.06 0.00	64.33 2.33 0.00
IP CORINTH___1 23988	204.53 15.28 0.00	153.13 11.79 0.00	149.35 11.46 0.00	146.40 11.62 0.00	150.04 12.01 0.00	143.73 11.88 0.00	239.55 12.62 -96.77	444.47 16.84 -258.42	734.53 8.94 -631.57	421.92 11.12 -286.91	79.93 6.07 -1.01	83.72 5.78 -11.59	69.84 5.33 0.00	100.28 7.15 0.00	112.70 7.71 0.00	121.88 8.59 0.00	102.26 7.25 0.00	116.20 9.75 0.00	89.24 7.69 0.00	92.99 7.72 0.00	91.10 7.40 0.00	87.80 6.92 0.00	81.53 6.19 0.00	66.90 4.89 0.00

IP__TICONDEROGA 23804	212.88 23.63 0.00	159.67 18.33 0.00	155.28 17.38 0.00	152.77 17.99 0.00	156.75 18.72 0.00	149.88 18.03 0.00	244.90 19.44 -95.30	449.52 25.61 -254.71	729.69 13.08 -622.59	421.99 15.12 -282.98	81.50 7.64 -1.00	85.78 7.94 -11.48	71.88 7.37 0.00	102.91 9.77 0.00	115.72 10.73 0.00	125.51 12.23 0.00	105.23 10.22 0.00	121.18 14.73 0.00	93.43 11.88 0.00	97.28 12.01 0.00	95.22 11.52 0.00	91.42 10.54 0.00	85.02 9.68 0.00	69.82 7.81 0.00
ISLIP_RES_REC 323679	197.20 7.96 0.00	149.82 8.48 0.00	145.33 7.43 0.00	142.48 7.70 0.00	146.99 8.96 0.00	141.82 9.97 0.00	150.10 11.04 -8.90	207.65 14.69 -23.75	159.59 7.31 -58.26	163.55 9.30 -30.35	111.65 6.26 -32.53	105.72 6.20 -33.16	112.28 6.20 -41.57	100.81 7.68 0.00	112.15 7.15 0.00	120.89 7.61 0.00	102.54 7.54 0.00	123.09 10.79 -5.85	89.36 7.81 0.00	93.00 7.73 0.00	90.99 7.29 0.00	86.88 6.00 0.00	80.85 5.51 0.00	66.22 4.22 0.00
JAMAICA__27_KV_LOAD 355505	194.31 5.07 0.00	145.71 4.37 0.00	142.05 4.16 0.00	138.89 4.11 0.00	142.46 4.43 0.00	137.32 5.47 0.00	146.12 7.06 -8.90	203.45 10.48 -23.76	157.85 5.55 -58.27	157.39 7.10 -26.39	76.87 3.93 -0.09	71.36 3.94 -1.07	68.42 3.92 0.00	97.92 4.78 0.00	109.92 4.93 0.00	117.99 4.71 0.00	99.53 4.52 0.00	113.19 6.75 0.00	86.94 5.39 0.00	90.54 5.27 0.00	88.83 5.13 0.00	85.24 4.36 0.00	78.85 3.51 0.00	64.71 2.71 0.00
JANIS__SOLAR 323808	194.81 5.56 0.00	145.65 4.31 0.00	142.24 4.34 0.00	139.42 4.64 0.00	143.26 5.23 0.00	137.58 5.73 0.00	143.57 6.50 -6.91	191.40 9.80 -12.39	131.54 5.06 -32.45	158.90 5.82 -29.19	84.66 3.06 -8.75	72.89 2.24 -4.29	65.76 1.25 0.00	95.25 2.11 0.00	108.72 3.73 0.00	116.80 3.52 0.00	96.71 1.70 0.00	109.38 2.61 -0.32	83.54 1.87 -0.12	87.39 2.12 0.00	86.02 2.32 0.00	82.98 2.10 0.00	77.22 1.88 0.00	63.57 1.53 -0.03
JARVIS____ 23743	189.82 0.57 0.00	141.91 0.57 0.00	138.54 0.65 0.00	135.47 0.69 0.00	138.73 0.70 0.00	132.69 0.84 0.00	131.13 0.97 0.00	170.95 1.74 0.00	95.00 0.99 0.00	125.23 1.34 0.00	73.52 0.67 0.00	67.01 0.65 0.00	65.13 0.63 0.00	93.85 0.72 0.00	105.65 0.65 0.00	113.91 0.63 0.00	95.63 0.62 0.00	107.44 0.99 0.00	82.36 0.81 0.00	86.03 0.76 0.00	84.43 0.73 0.00	81.47 0.58 0.00	75.85 0.51 0.00	62.38 0.37 0.00
JENNISON__1 23625	195.12 5.87 0.00	146.13 4.79 0.00	142.63 4.73 0.00	139.75 4.97 0.00	143.83 5.80 0.00	138.41 6.56 0.00	145.00 6.92 -7.92	199.03 9.81 -20.02	148.31 5.14 -49.15	155.68 6.55 -25.23	78.04 3.58 -1.60	70.46 2.45 -1.65	66.41 1.91 0.00	95.84 2.71 0.00	108.63 3.64 0.00	116.49 3.21 0.00	96.14 1.13 0.00	108.15 1.64 -0.06	82.46 0.88 -0.02	86.42 1.15 0.00	85.28 1.58 0.00	82.88 2.00 0.00	76.80 1.46 0.00	63.33 1.33 0.00
JENNISON__2 23626	195.12 5.87 0.00	146.13 4.79 0.00	142.63 4.73 0.00	139.75 4.97 0.00	143.83 5.80 0.00	138.41 6.56 0.00	145.00 6.92 -7.92	199.03 9.81 -20.02	148.31 5.14 -49.15	155.68 6.55 -25.23	78.04 3.58 -1.60	70.46 2.45 -1.65	66.41 1.91 0.00	95.84 2.71 0.00	108.63 3.64 0.00	116.49 3.21 0.00	96.14 1.13 0.00	108.15 1.64 -0.06	82.46 0.88 -0.02	86.42 1.15 0.00	85.28 1.58 0.00	82.88 2.00 0.00	76.80 1.46 0.00	63.33 1.33 0.00
JERICHO_RISE_WT_PWR 323719	192.61 3.36 0.00	143.25 1.91 0.00	139.81 1.91 0.00	136.42 1.64 0.00	139.52 1.49 0.00	132.45 0.61 0.00	130.28 0.12 0.00	168.38 -0.82 0.00	93.91 -0.11 0.00	123.93 0.03 0.00	73.08 0.22 0.00	66.40 0.04 0.00	64.16 -0.35 0.00	92.38 -0.75 0.00	104.59 -0.41 0.00	114.64 1.36 0.00	96.32 1.31 0.00	105.33 -1.12 0.00	80.61 -0.94 0.00	84.58 -0.70 0.00	83.25 -0.45 0.00	81.03 0.15 0.00	75.60 0.26 0.00	62.57 0.57 0.00
KATONAH__115KV_46KV_TB4 355592	196.60 7.35 0.00	147.50 6.17 0.00	143.85 5.95 0.00	140.81 6.03 0.00	144.23 6.21 0.00	138.74 6.89 0.00	147.40 8.17 -9.07	205.06 11.64 -24.21	159.52 6.11 -59.38	158.55 7.82 -26.84	77.32 4.37 -0.09	71.64 4.20 -1.08	68.63 4.13 0.00	98.30 5.17 0.00	110.10 5.10 0.00	118.47 5.19 0.00	99.92 4.91 0.00	113.55 7.10 0.00	87.20 5.65 0.00	90.88 5.61 0.00	89.11 5.42 0.00	85.51 4.63 0.00	79.19 3.86 0.00	64.82 2.81 0.00
KCE_NY_1 323755	200.95 11.70 0.00	150.47 9.13 0.00	146.88 8.98 0.00	143.87 9.09 0.00	147.28 9.25 0.00	140.97 9.13 0.00	233.99 9.70 -94.13	434.00 13.03 -251.76	716.47 6.97 -615.48	412.45 8.80 -279.75	78.60 4.76 -0.99	82.03 4.34 -11.33	68.73 4.22 0.00	98.91 5.78 0.00	111.10 6.11 0.00	119.96 6.68 0.00	100.66 5.66 0.00	114.10 7.65 0.00	87.59 6.04 0.00	91.31 6.04 0.00	89.59 5.89 0.00	86.28 5.39 0.00	80.14 4.80 0.00	65.83 3.83 0.00
KCE_NY_6_ESR 323823	180.68 -8.57 0.00	133.81 -7.52 0.00	130.35 -7.55 0.00	127.10 -7.68 0.00	130.05 -7.98 0.00	124.32 -7.52 0.00	121.53 -7.55 1.09	159.22 -9.98 0.00	80.37 -5.85 7.80	107.90 -8.74 7.26	60.66 -5.02 7.17	59.60 -5.46 1.29	58.74 -5.76 0.00	86.34 -6.80 0.00	98.31 -6.68 0.00	104.93 -8.35 0.00	86.23 -8.78 0.00	96.80 -9.51 0.13	74.52 -6.98 0.05	77.37 -7.90 0.00	75.80 -7.90 0.00	73.74 -7.14 0.00	69.34 -6.00 0.00	57.59 -4.28 0.14
KEDC_PORT_JEFF_GT2 24210	196.41 7.17 0.00	149.21 7.87 0.00	144.71 6.81 0.00	141.88 7.10 0.00	146.38 8.35 0.00	141.18 9.33 0.00	149.36 10.30 -8.90	206.57 13.60 -23.75	159.05 6.77 -58.26	162.75 8.51 -30.35	111.04 5.65 -32.53	105.31 5.79 -33.16	111.90 5.83 -41.57	100.29 7.15 0.00	111.56 6.57 0.00	120.17 6.90 0.00	101.62 6.61 0.00	122.00 9.70 -5.85	88.46 6.92 0.00	92.06 6.79 0.00	90.11 6.41 0.00	86.03 5.14 0.00	80.22 4.88 0.00	65.81 3.81 0.00
KEDC_PORT_JEFF_GT3 24211	196.41 7.17 0.00	149.21 7.87 0.00	144.71 6.81 0.00	141.88 7.10 0.00	146.38 8.35 0.00	141.18 9.33 0.00	149.36 10.30 -8.90	206.57 13.60 -23.75	159.05 6.77 -58.26	162.75 8.51 -30.35	111.04 5.65 -32.53	105.31 5.79 -33.16	111.90 5.83 -41.57	100.29 7.15 0.00	111.56 6.57 0.00	120.17 6.90 0.00	101.62 6.61 0.00	122.00 9.70 -5.85	88.46 6.92 0.00	92.06 6.79 0.00	90.11 6.41 0.00	86.03 5.14 0.00	80.22 4.88 0.00	65.81 3.81 0.00
KEDC_GLWD_GT4 24219	195.32 6.08 0.00	147.28 5.94 0.00	143.23 5.33 0.00	140.29 5.51 0.00	144.19 6.16 0.00	138.91 7.06 0.00	147.48 8.42 -8.90	204.45 11.48 -23.75	158.01 5.73 -58.26	161.57 7.33 -30.35	109.93 4.55 -32.53	104.02 4.50 -33.16	110.62 4.54 -41.57	98.66 5.53 0.00	110.15 5.16 0.00	118.71 5.43 0.00	100.39 5.38 0.00	120.14 7.84 -5.85	87.43 5.88 0.00	91.08 5.81 0.00	89.24 5.54 0.00	85.47 4.59 0.00	79.40 4.06 0.00	65.12 3.12 0.00
KEDC_GLWD_GT5 24220	195.32 6.08 0.00	147.28 5.94 0.00	143.23 5.33 0.00	140.29 5.51 0.00	144.19 6.16 0.00	138.91 7.06 0.00	147.48 8.42 -8.90	204.45 11.48 -23.75	158.01 5.73 -58.26	161.57 7.33 -30.35	109.93 4.55 -32.53	104.02 4.50 -33.16	110.62 4.54 -41.57	98.66 5.53 0.00	110.15 5.16 0.00	118.71 5.43 0.00	100.39 5.38 0.00	120.14 7.84 -5.85	87.43 5.88 0.00	91.08 5.81 0.00	89.24 5.54 0.00	85.47 4.59 0.00	79.40 4.06 0.00	65.12 3.12 0.00

KENSICO____ 23655	194.39 5.15 0.00	145.95 4.61 0.00	142.27 4.38 0.00	139.26 4.48 0.00	142.68 4.66 0.00	137.20 5.35 0.00	145.63 6.58 -8.89	202.50 9.58 -23.72	157.18 4.99 -58.17	156.48 6.29 -26.30	76.41 3.47 -0.09	70.84 3.42 -1.06	67.95 3.45 0.00	97.32 4.19 0.00	109.08 4.09 0.00	117.36 4.09 0.00	98.94 3.94 0.00	112.33 5.88 0.00	86.21 4.66 0.00	89.88 4.61 0.00	88.18 4.49 0.00	84.64 3.76 0.00	78.44 3.10 0.00	64.25 2.24 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	197.05 7.80 0.00	147.73 6.39 0.00	144.00 6.10 0.00	140.93 6.15 0.00	144.40 6.38 0.00	138.82 6.97 0.00	149.20 8.11 -10.93	209.11 11.61 -28.29	169.57 6.22 -69.33	162.77 8.02 -30.85	77.30 4.34 -0.11	71.62 4.02 -1.24	68.47 3.97 0.00	98.13 5.00 0.00	109.80 4.81 0.00	118.41 5.13 0.00	99.84 4.84 0.00	113.38 6.94 0.00	87.07 5.52 0.00	90.76 5.49 0.00	89.01 5.31 0.00	85.47 4.59 0.00	79.06 3.72 0.00	64.65 2.65 0.00
KIAC_JFK_GT1 23816	192.36 3.12 0.00	144.45 3.11 0.00	140.86 2.96 0.00	137.70 2.92 0.00	141.22 3.20 0.00	135.92 4.07 0.00	144.75 5.68 -8.90	201.64 8.67 -23.76	156.83 4.54 -58.27	156.07 5.78 -26.39	76.12 3.17 -0.09	70.68 3.26 -1.07	67.77 3.27 0.00	96.96 3.83 0.00	108.83 3.84 0.00	116.88 3.60 0.00	98.58 3.57 0.00	112.10 5.65 0.00	86.08 4.53 0.00	89.67 4.40 0.00	87.97 4.27 0.00	84.41 3.53 0.00	78.10 2.76 0.00	64.07 2.07 0.00
KIAC_JFK_GT2 23817	192.36 3.12 0.00	144.45 3.11 0.00	140.86 2.96 0.00	137.70 2.92 0.00	141.22 3.20 0.00	135.92 4.07 0.00	144.75 5.68 -8.90	201.64 8.67 -23.76	156.83 4.54 -58.27	156.07 5.78 -26.39	76.12 3.17 -0.09	70.68 3.26 -1.07	67.77 3.27 0.00	96.96 3.83 0.00	108.83 3.84 0.00	116.88 3.60 0.00	98.58 3.57 0.00	112.10 5.65 0.00	86.08 4.53 0.00	89.67 4.40 0.00	87.97 4.27 0.00	84.41 3.53 0.00	78.10 2.76 0.00	64.07 2.07 0.00
KIAC_JFK____ 323774	192.36 3.11 0.00	144.44 3.10 0.00	140.86 2.97 0.00	137.70 2.92 0.00	141.22 3.19 0.00	135.93 4.08 0.00	144.74 5.68 -8.90	201.64 8.67 -23.76	156.81 4.52 -58.27	156.04 5.76 -26.39	76.12 3.18 -0.09	70.68 3.26 -1.07	67.77 3.26 0.00	96.97 3.83 0.00	108.83 3.84 0.00	116.87 3.59 0.00	98.58 3.57 0.00	112.10 5.66 0.00	86.08 4.53 0.00	89.67 4.39 0.00	87.97 4.27 0.00	84.41 3.53 0.00	78.10 2.76 0.00	64.06 2.06 0.00
KINTIGH____ 23543	177.55 -11.69 0.00	131.66 -9.68 0.00	128.38 -9.51 0.00	125.40 -9.38 0.00	128.37 -9.66 0.00	122.85 -9.26 0.00	120.26 -12.56 0.64	156.65 -7.24 0.00	86.78 -10.36 0.00	110.16 -5.90 3.38	65.22 -6.04 1.73	59.46 -6.24 0.85	58.26 -7.89 0.00	85.24 -7.91 0.00	97.08 -9.39 0.00	103.89 -9.50 0.00	85.50 -10.52 0.09	95.83 -7.97 0.03	73.55 -8.76 0.00	76.51 -8.76 0.00	74.87 -8.82 0.00	72.79 -8.09 0.00	68.32 -7.02 0.00	56.84 -5.16 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	196.45 7.20 0.00	146.31 4.97 0.00	142.74 4.84 0.00	139.31 4.53 0.00	142.34 4.32 0.00	134.92 3.08 0.00	132.93 2.77 0.00	171.78 2.58 0.00	95.73 1.71 0.00	126.18 2.29 0.00	74.23 1.37 0.00	67.37 1.01 0.00	65.16 0.66 0.00	93.90 0.77 0.00	106.29 1.29 0.00	116.50 3.22 0.00	97.99 2.98 0.00	107.54 1.10 0.00	82.35 0.80 0.00	86.27 1.01 0.00	84.80 1.10 0.00	82.34 1.46 0.00	76.77 1.44 0.00	63.62 1.62 0.00
LACHUTE____HYDRO 323717	212.88 23.63 0.00	159.67 18.33 0.00	155.28 17.38 0.00	152.78 17.99 0.00	156.75 18.73 0.00	149.88 18.03 0.00	244.90 19.44 -95.30	449.52 25.61 -254.71	729.70 13.09 -622.59	421.99 15.12 -282.98	81.49 7.64 -1.00	85.78 7.94 -11.48	71.88 7.37 0.00	102.91 9.77 0.00	115.72 10.72 0.00	125.51 12.23 0.00	105.23 10.23 0.00	121.18 14.73 0.00	93.43 11.88 0.00	97.28 12.01 0.00	95.22 11.52 0.00	91.42 10.54 0.00	85.02 9.68 0.00	69.82 7.81 0.00
LAWRNCV_115KV_TB1 80681	193.42 4.18 0.00	143.77 2.43 0.00	139.99 2.09 0.00	136.41 1.62 0.00	139.43 1.40 0.00	132.11 0.26 0.00	129.96 -0.20 0.00	168.42 -0.78 0.00	94.02 -0.01 0.00	124.73 0.83 0.00	73.54 0.68 0.00	66.78 0.42 0.00	64.80 0.30 0.00	93.84 0.70 0.00	106.28 1.28 0.00	115.03 1.75 0.00	96.35 1.34 0.00	106.24 -0.21 0.00	81.23 -0.31 0.00	85.05 -0.22 0.00	83.67 -0.03 0.00	81.66 0.78 0.00	77.20 1.86 0.00	63.83 1.83 0.00
LEDERLE____ 23769	193.98 4.73 0.00	145.57 4.23 0.00	141.96 4.07 0.00	138.93 4.15 0.00	142.39 4.36 0.00	136.90 5.05 0.00	144.94 6.25 -8.54	201.26 9.28 -22.77	154.67 4.80 -55.85	155.13 5.99 -25.24	76.20 3.26 -0.09	70.57 3.19 -1.02	67.68 3.17 0.00	96.98 3.84 0.00	108.77 3.78 0.00	117.00 3.72 0.00	98.65 3.65 0.00	112.00 5.55 0.00	85.99 4.44 0.00	89.62 4.35 0.00	87.98 4.28 0.00	84.47 3.59 0.00	78.22 2.88 0.00	64.08 2.08 0.00
LIGHTHSE_115KV_TB6 355974	185.75 -3.50 0.00	138.75 -2.59 0.00	135.25 -2.64 0.00	132.38 -2.40 0.00	136.06 -1.97 0.00	130.41 -1.44 0.00	128.83 -1.33 0.00	167.43 -1.77 0.00	92.91 -1.11 0.00	122.31 -1.59 0.00	71.64 -1.21 0.00	64.99 -1.38 0.00	63.12 -1.38 0.00	90.74 -2.39 0.00	102.17 -2.83 0.00	110.77 -2.51 0.00	93.42 -1.59 0.00	104.92 -1.52 0.00	80.57 -0.98 0.00	83.92 -1.35 0.00	82.20 -1.50 0.00	79.27 -1.61 0.00	73.97 -1.37 0.00	60.84 -1.16 0.00
LINDEN COGEN____ 23786	192.65 3.40 0.00	144.63 3.29 0.00	140.98 3.08 0.00	137.95 3.17 0.00	141.43 3.40 0.00	136.10 4.25 0.00	144.81 5.75 -8.90	201.82 8.85 -23.76	156.73 4.43 -58.27	155.02 5.59 -25.54	69.19 3.09 6.76	62.73 3.12 6.74	50.28 3.18 17.41	93.64 3.73 3.22	108.69 3.70 0.00	116.87 3.58 0.00	98.55 3.55 0.00	111.98 5.53 0.00	85.96 4.41 0.00	89.58 4.31 0.00	87.89 4.19 0.00	84.28 3.40 0.00	78.04 2.70 0.00	63.93 1.93 0.00
LINDHRST_69_KV_BK1 356055	196.66 7.41 0.00	148.66 7.32 0.00	144.44 6.55 0.00	141.52 6.74 0.00	145.61 7.58 0.00	140.46 8.61 0.00	148.95 9.89 -8.90	206.35 13.39 -23.75	158.94 6.67 -58.26	162.64 8.40 -30.35	110.85 5.46 -32.53	104.87 5.35 -33.16	111.49 5.41 -41.57	99.88 6.75 0.00	111.31 6.32 0.00	119.91 6.63 0.00	101.59 6.59 0.00	121.80 9.50 -5.85	88.58 7.03 0.00	92.31 7.04 0.00	90.44 6.74 0.00	86.52 5.64 0.00	80.45 5.12 0.00	65.91 3.90 0.00
LIPA_MISC_IPP 23656	195.25 6.00 0.00	148.98 7.64 0.00	144.28 6.39 0.00	141.48 6.70 0.00	146.17 8.14 0.00	141.03 9.18 0.00	148.94 9.89 -8.90	205.78 12.82 -23.75	158.69 6.41 -58.26	162.41 8.17 -30.35	111.09 5.70 -32.53	105.17 5.65 -33.16	111.74 5.66 -41.57	100.06 6.92 0.00	111.15 6.16 0.00	119.89 6.61 0.00	101.79 6.79 0.00	122.20 9.90 -5.85	88.64 7.10 0.00	92.29 7.02 0.00	90.26 6.56 0.00	86.15 5.27 0.00	80.19 4.86 0.00	65.69 3.69 0.00
LISF____SOLAR 323691	195.61 6.36 0.00	149.26 7.92 0.00	144.56 6.66 0.00	141.70 6.92 0.00	146.44 8.42 0.00	141.30 9.45 0.00	149.24 10.18 -8.90	206.15 13.18 -23.75	158.86 6.58 -58.26	162.58 8.34 -30.35	111.25 5.86 -32.53	105.30 5.77 -33.16	111.85 5.77 -41.57	100.18 7.04 0.00	111.27 6.27 0.00	120.08 6.80 0.00	102.03 7.03 0.00	122.51 10.22 -5.85	88.87 7.32 0.00	92.51 7.24 0.00	90.47 6.77 0.00	86.37 5.48 0.00	80.35 5.01 0.00	65.83 3.83 0.00

LITTLE FALLS___HYD 24013	198.44 9.19 0.00	149.04 7.70 0.00	145.63 7.73 0.00	142.68 7.90 0.00	146.00 7.97 0.00	140.17 8.32 0.00	139.62 9.46 0.00	183.07 13.87 0.00	101.01 6.98 0.00	132.45 8.55 0.00	76.91 4.06 0.00	69.67 3.31 0.00	67.92 3.42 0.00	96.97 3.84 0.00	108.30 3.31 0.00	116.86 3.58 0.00	98.28 3.27 0.00	112.84 6.40 0.00	86.68 5.13 0.00	90.04 4.77 0.00	87.94 4.24 0.00	84.56 3.68 0.00	78.40 3.06 0.00	64.33 2.33 0.00
LITTLRIV_115KV_TB1 356100	196.09 6.84 0.00	145.62 4.28 0.00	141.73 3.83 0.00	138.15 3.37 0.00	141.04 3.01 0.00	133.56 1.71 0.00	131.48 1.32 0.00	170.60 1.39 0.00	95.19 1.17 0.00	126.25 2.36 0.00	74.46 1.60 0.00	67.46 1.10 0.00	65.54 1.03 0.00	95.05 1.91 0.00	107.73 2.73 0.00	116.48 3.20 0.00	97.66 2.66 0.00	107.71 1.27 0.00	82.33 0.78 0.00	86.19 0.92 0.00	84.73 1.04 0.00	82.71 1.83 0.00	78.20 2.86 0.00	64.66 2.66 0.00
LI_NEWBRDGE___DRP 323616	194.39 5.15 0.00	146.72 5.38 0.00	142.69 4.79 0.00	139.82 5.04 0.00	143.66 5.63 0.00	138.38 6.53 0.00	146.79 7.73 -8.90	203.49 10.53 -23.75	157.49 5.21 -58.26	160.85 6.62 -30.35	109.55 4.16 -32.53	103.69 4.17 -33.16	110.32 4.24 -41.57	98.22 5.09 0.00	109.66 4.67 0.00	118.08 4.79 0.00	99.87 4.86 0.00	119.55 7.25 -5.85	86.96 5.41 0.00	90.61 5.34 0.00	88.80 5.11 0.00	85.04 4.16 0.00	79.05 3.71 0.00	64.83 2.83 0.00
LOCKPORT_115KV_TB60_63_64 80432	177.14 -12.10 0.00	131.20 -10.14 0.00	127.89 -10.01 0.00	124.74 -10.04 0.00	127.66 -10.36 0.00	122.21 -9.64 0.00	119.56 -9.84 0.76	155.89 -13.32 0.00	86.45 -7.57 0.00	109.01 -10.78 4.11	64.64 -6.11 2.11	58.84 -6.48 1.03	57.66 -6.84 0.00	84.57 -8.56 0.00	96.42 -8.57 0.00	103.12 -10.16 0.00	84.30 -10.70 0.00	94.43 -11.91 0.10	72.51 -9.00 0.04	75.28 -9.99 0.00	73.68 -10.01 0.00	71.82 -9.06 0.00	67.54 -7.80 0.00	56.43 -5.57 0.00
LOCKPORT___CC1 323769	176.54 -12.70 0.00	130.75 -10.59 0.00	127.46 -10.44 0.00	124.32 -10.46 0.00	127.26 -10.77 0.00	121.76 -10.08 0.00	118.95 -10.30 0.91	155.23 -13.98 0.00	79.81 -7.85 6.36	106.68 -11.30 5.92	60.60 -6.40 5.85	58.53 -6.77 1.05	57.38 -7.12 0.00	84.20 -8.93 0.00	96.01 -8.98 0.00	102.66 -10.62 0.00	83.98 -11.03 0.00	94.05 -12.29 0.11	72.24 -9.26 0.04	75.03 -10.24 0.00	73.43 -10.26 0.00	71.59 -9.30 0.00	67.33 -8.01 0.00	56.15 -5.74 0.11
LOCKPORT___CC2 323770	176.54 -12.70 0.00	130.75 -10.59 0.00	127.46 -10.44 0.00	124.32 -10.46 0.00	127.26 -10.77 0.00	121.76 -10.08 0.00	118.95 -10.30 0.91	155.23 -13.98 0.00	79.81 -7.85 6.36	106.68 -11.30 5.92	60.60 -6.40 5.85	58.53 -6.77 1.05	57.38 -7.12 0.00	84.20 -8.93 0.00	96.01 -8.98 0.00	102.66 -10.62 0.00	83.98 -11.03 0.00	94.05 -12.29 0.11	72.24 -9.26 0.04	75.03 -10.24 0.00	73.43 -10.26 0.00	71.59 -9.30 0.00	67.33 -8.01 0.00	56.15 -5.74 0.11
LOCKPORT___CC3 323771	176.54 -12.70 0.00	130.75 -10.59 0.00	127.46 -10.44 0.00	124.32 -10.46 0.00	127.26 -10.77 0.00	121.76 -10.08 0.00	118.95 -10.30 0.91	155.23 -13.98 0.00	79.81 -7.85 6.36	106.68 -11.30 5.92	60.60 -6.40 5.85	58.53 -6.77 1.05	57.38 -7.12 0.00	84.20 -8.93 0.00	96.01 -8.98 0.00	102.66 -10.62 0.00	83.98 -11.03 0.00	94.05 -12.29 0.11	72.24 -9.26 0.04	75.03 -10.24 0.00	73.43 -10.26 0.00	71.59 -9.30 0.00	67.33 -8.01 0.00	56.15 -5.74 0.11
LONG_LAKE_PHOENIX 24014	183.41 -5.83 0.00	136.98 -4.36 0.00	133.63 -4.26 0.00	130.56 -4.22 0.00	133.77 -4.26 0.00	128.00 -3.85 0.00	126.61 -3.54 0.00	164.29 -4.91 0.00	90.98 -3.04 0.00	119.56 -4.33 0.00	70.21 -2.65 0.00	63.80 -2.56 0.00	62.00 -2.51 0.00	89.59 -3.54 0.00	101.10 -3.89 0.00	109.00 -4.28 0.00	91.28 -3.72 0.00	102.72 -3.73 0.00	78.79 -2.76 0.00	82.17 -3.10 0.00	80.49 -3.21 0.00	77.60 -3.28 0.00	72.26 -3.08 0.00	59.45 -2.55 0.00
LOVETT___3 23632	192.94 3.69 0.00	144.83 3.49 0.00	141.26 3.37 0.00	138.24 3.46 0.00	141.64 3.61 0.00	136.17 4.32 0.00	144.25 5.52 -8.57	200.28 8.20 -22.87	154.29 4.19 -56.08	154.47 5.23 -25.34	75.73 2.79 -0.09	70.17 2.79 -1.02	67.29 2.78 0.00	96.42 3.28 0.00	108.18 3.18 0.00	116.31 3.03 0.00	98.07 3.07 0.00	111.34 4.89 0.00	85.44 3.89 0.00	89.07 3.80 0.00	87.46 3.77 0.00	83.99 3.11 0.00	77.79 2.46 0.00	63.73 1.73 0.00
LOVETT___4 23642	192.94 3.69 0.00	144.83 3.49 0.00	141.26 3.37 0.00	138.24 3.46 0.00	141.64 3.61 0.00	136.17 4.32 0.00	144.25 5.52 -8.57	200.28 8.20 -22.87	154.29 4.19 -56.08	154.47 5.23 -25.34	75.73 2.79 -0.09	70.17 2.79 -1.02	67.29 2.78 0.00	96.42 3.28 0.00	108.18 3.18 0.00	116.31 3.03 0.00	98.07 3.07 0.00	111.34 4.89 0.00	85.44 3.89 0.00	89.07 3.80 0.00	87.46 3.77 0.00	83.99 3.11 0.00	77.79 2.46 0.00	63.73 1.73 0.00
LOVETT___5 23593	192.94 3.69 0.00	144.83 3.49 0.00	141.26 3.37 0.00	138.24 3.46 0.00	141.64 3.61 0.00	136.17 4.32 0.00	144.25 5.52 -8.57	200.28 8.20 -22.87	154.29 4.19 -56.08	154.47 5.23 -25.34	75.73 2.79 -0.09	70.17 2.79 -1.02	67.29 2.78 0.00	96.42 3.28 0.00	108.18 3.18 0.00	116.31 3.03 0.00	98.07 3.07 0.00	111.34 4.89 0.00	85.44 3.89 0.00	89.07 3.80 0.00	87.46 3.77 0.00	83.99 3.11 0.00	77.79 2.46 0.00	63.73 1.73 0.00
LOWER RAQUET___HYD 24057	193.55 4.31 0.00	143.84 2.51 0.00	140.03 2.13 0.00	136.52 1.74 0.00	139.42 1.39 0.00	131.98 0.13 0.00	129.88 -0.28 0.00	168.38 -0.83 0.00	94.02 -0.01 0.00	124.87 0.98 0.00	73.58 0.73 0.00	66.78 0.42 0.00	64.80 0.30 0.00	93.77 0.64 0.00	106.24 1.24 0.00	114.87 1.59 0.00	96.24 1.24 0.00	106.09 -0.36 0.00	81.13 -0.42 0.00	84.93 -0.35 0.00	83.54 -0.16 0.00	81.58 0.70 0.00	77.21 1.87 0.00	63.88 1.88 0.00
LOWER___HUDSON 24059	197.45 8.21 0.00	147.94 6.60 0.00	144.44 6.54 0.00	141.52 6.74 0.00	144.85 6.83 0.00	138.47 6.62 0.00	215.03 7.05 -77.82	389.35 9.43 -210.72	615.26 5.06 -516.17	365.67 6.48 -235.30	77.09 3.41 -0.83	79.24 3.33 -9.55	67.82 3.32 0.00	97.46 4.33 0.00	109.37 4.37 0.00	117.75 4.47 0.00	98.86 3.85 0.00	111.96 5.51 0.00	85.99 4.45 0.00	89.66 4.39 0.00	88.03 4.33 0.00	84.79 3.91 0.00	78.94 3.60 0.00	64.90 2.90 0.00
LOWVILLE_115KV_TB2 356335	192.53 3.29 0.00	143.93 2.59 0.00	139.91 2.01 0.00	137.19 2.41 0.00	141.90 3.87 0.00	136.62 4.78 0.00	135.01 4.85 0.00	175.90 6.69 0.00	98.12 4.10 0.00	129.22 5.33 0.00	75.38 2.53 0.00	68.38 2.02 0.00	66.34 1.84 0.00	94.41 1.28 0.00	106.26 1.26 0.00	116.11 2.83 0.00	98.69 3.68 0.00	110.34 3.89 0.00	84.74 3.19 0.00	87.85 2.58 0.00	86.42 2.72 0.00	83.35 2.47 0.00	78.17 2.83 0.00	64.23 2.23 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	200.85 11.61 0.00	150.41 9.07 0.00	146.79 8.89 0.00	143.80 9.02 0.00	147.26 9.23 0.00	140.92 9.07 0.00	233.90 9.61 -94.13	433.84 12.87 -251.76	716.40 6.90 -615.48	412.36 8.71 -279.75	78.56 4.72 -0.99	82.09 4.40 -11.33	68.74 4.23 0.00	98.80 5.67 0.00	111.01 6.01 0.00	119.90 6.62 0.00	100.64 5.64 0.00	114.01 7.56 0.00	87.52 5.97 0.00	91.24 5.97 0.00	89.48 5.78 0.00	86.19 5.31 0.00	80.09 4.75 0.00	65.79 3.78 0.00

LUTHERNY_35_KV_BK2 355980	200.94 11.70 0.00	150.47 9.13 0.00	146.88 8.98 0.00	143.87 9.09 0.00	147.28 9.25 0.00	140.98 9.13 0.00	233.99 9.70 -94.13	434.00 13.03 -251.76	716.47 6.98 -615.48	412.46 8.81 -279.75	78.61 4.77 -0.99	82.02 4.34 -11.33	68.72 4.22 0.00	98.91 5.78 0.00	111.10 6.11 0.00	119.97 6.68 0.00	100.66 5.66 0.00	114.10 7.65 0.00	87.59 6.04 0.00	91.31 6.04 0.00	89.59 5.89 0.00	86.28 5.40 0.00	80.14 4.80 0.00	65.84 3.83 0.00
LWR___OSWEGATCHIE_HYD 23850	192.62 3.37 0.00	143.53 2.19 0.00	139.69 1.79 0.00	136.60 1.81 0.00	140.25 2.22 0.00	133.81 1.96 0.00	131.99 1.83 0.00	171.58 2.38 0.00	95.73 1.71 0.00	126.54 2.65 0.00	74.21 1.35 0.00	67.33 0.97 0.00	65.37 0.87 0.00	93.86 0.72 0.00	105.88 0.88 0.00	115.03 1.75 0.00	97.10 2.10 0.00	107.81 1.37 0.00	82.64 1.09 0.00	86.09 0.82 0.00	84.66 0.96 0.00	82.18 1.30 0.00	77.48 2.14 0.00	63.89 1.89 0.00
LYONS_FALL_HYD 23570	193.11 3.86 0.00	144.35 3.01 0.00	140.53 2.63 0.00	137.72 2.94 0.00	141.92 3.89 0.00	136.45 4.60 0.00	135.01 4.84 0.00	176.03 6.82 0.00	98.06 4.03 0.00	129.14 5.25 0.00	75.48 2.63 0.00	68.53 2.17 0.00	66.51 2.01 0.00	95.14 2.01 0.00	107.22 2.22 0.00	116.53 3.25 0.00	98.56 3.55 0.00	110.40 3.96 0.00	84.68 3.13 0.00	88.02 2.75 0.00	86.47 2.77 0.00	83.40 2.52 0.00	77.93 2.59 0.00	64.01 2.01 0.00
MADISON___COUNTY_LFGE 323628	193.23 3.98 0.00	144.50 3.17 0.00	141.15 3.25 0.00	138.33 3.54 0.00	141.83 3.80 0.00	136.19 4.34 0.00	135.06 4.90 0.00	176.23 7.02 0.00	97.86 3.83 0.00	129.82 4.81 -1.12	76.00 2.58 -0.57	68.77 2.13 -0.28	66.39 1.88 0.00	95.75 2.61 0.00	108.19 3.19 0.00	116.88 3.60 0.00	98.04 3.03 0.00	109.91 3.47 0.00	84.15 2.61 0.00	87.83 2.56 0.00	86.07 2.37 0.00	82.97 2.09 0.00	77.17 1.83 0.00	63.36 1.36 0.00
MALONE___115KV_TB1 356076	196.46 7.21 0.00	145.99 4.66 0.00	142.43 4.53 0.00	138.89 4.10 0.00	141.98 3.95 0.00	134.79 2.94 0.00	132.80 2.64 0.00	172.05 2.84 0.00	95.93 1.91 0.00	126.74 2.84 0.00	74.65 1.80 0.00	67.68 1.32 0.00	65.47 0.96 0.00	94.45 1.32 0.00	107.03 2.03 0.00	116.86 3.58 0.00	98.09 3.08 0.00	107.66 1.21 0.00	82.40 0.85 0.00	86.31 1.04 0.00	84.89 1.19 0.00	82.61 1.73 0.00	77.27 1.93 0.00	63.89 1.89 0.00
MAPLEWOD_115KV_TB3 80458	196.40 7.16 0.00	147.23 5.89 0.00	143.74 5.85 0.00	140.77 5.99 0.00	144.04 6.02 0.00	137.51 5.66 0.00	198.57 5.95 -62.46	346.07 7.92 -168.94	509.35 4.26 -411.07	318.70 5.60 -189.21	76.62 3.09 -0.67	77.12 3.06 -7.71	67.53 3.02 0.00	97.00 3.87 0.00	108.81 3.82 0.00	116.76 3.48 0.00	98.11 3.10 0.00	111.02 4.57 0.00	85.26 3.71 0.00	88.89 3.62 0.00	87.24 3.54 0.00	83.99 3.11 0.00	78.36 3.02 0.00	64.54 2.53 0.00
MAPLE_RIDGE_WT_1 323574	188.12 -1.13 0.00	140.31 -1.03 0.00	137.00 -0.90 0.00	134.09 -0.70 0.00	137.71 -0.32 0.00	131.69 -0.16 0.00	129.59 -0.57 0.00	168.35 -0.85 0.00	93.92 -0.10 0.00	123.78 -0.11 0.00	72.80 -0.05 0.00	66.20 -0.16 0.00	64.14 -0.36 0.00	92.24 -0.90 0.00	104.05 -0.94 0.00	112.89 -0.39 0.00	94.89 -0.11 0.00	106.03 -0.41 0.00	81.31 -0.24 0.00	84.85 -0.43 0.00	83.52 -0.17 0.00	80.86 -0.03 0.00	75.60 0.26 0.00	62.32 0.31 0.00
MAPLE_RIDGE_WT_2 323611	188.12 -1.13 0.00	140.31 -1.03 0.00	137.00 -0.90 0.00	134.09 -0.70 0.00	137.71 -0.32 0.00	131.69 -0.16 0.00	129.59 -0.57 0.00	168.35 -0.85 0.00	93.92 -0.10 0.00	123.78 -0.11 0.00	72.80 -0.05 0.00	66.20 -0.16 0.00	64.14 -0.36 0.00	92.24 -0.90 0.00	104.05 -0.94 0.00	112.89 -0.39 0.00	94.89 -0.11 0.00	106.03 -0.41 0.00	81.31 -0.24 0.00	84.85 -0.43 0.00	83.52 -0.17 0.00	80.86 -0.03 0.00	75.60 0.26 0.00	62.32 0.31 0.00
MARBLE_RIVER_WT_PWR 323696	192.84 3.59 0.00	143.56 2.21 0.00	140.02 2.12 0.00	136.66 1.88 0.00	139.77 1.74 0.00	132.60 0.75 0.00	130.50 0.34 0.00	168.64 -0.57 0.00	94.02 -0.01 0.00	124.03 0.13 0.00	73.10 0.25 0.00	66.44 0.08 0.00	64.22 -0.29 0.00	92.45 -0.68 0.00	104.61 -0.39 0.00	114.60 1.32 0.00	96.33 1.32 0.00	105.49 -0.95 0.00	80.74 -0.81 0.00	84.65 -0.62 0.00	83.26 -0.44 0.00	80.99 0.11 0.00	75.58 0.24 0.00	62.56 0.56 0.00
MARSHVLE_115KV_TB1 80742	201.25 12.00 0.00	150.19 8.85 0.00	146.47 8.57 0.00	143.08 8.29 0.00	146.52 8.49 0.00	140.83 8.98 0.00	227.98 9.55 -88.27	416.79 12.94 -234.64	673.99 6.95 -573.02	392.65 8.68 -260.08	78.19 4.42 -0.92	80.34 3.46 -10.52	67.65 3.14 0.00	97.53 4.40 0.00	110.57 5.58 0.00	120.65 7.37 0.00	101.28 6.28 0.00	113.71 7.27 0.00	86.96 5.41 0.00	90.61 5.34 0.00	88.60 4.90 0.00	85.68 4.79 0.00	79.65 4.31 0.00	65.35 3.35 0.00
MARSH_HILL_WT_PWR 323713	182.13 -7.12 0.00	135.29 -6.05 0.00	132.20 -5.69 0.00	130.33 -4.45 0.00	132.88 -5.15 0.00	125.61 -6.23 0.00	124.40 -5.92 -0.16	169.59 -6.29 -6.67	107.42 -3.27 -16.67	112.81 -5.63 5.45	61.67 -4.54 6.64	57.65 -5.74 2.96	58.59 -5.91 0.00	86.34 -6.79 0.00	99.47 -5.53 0.00	103.94 -9.33 0.00	85.82 -9.18 0.00	96.56 -9.56 0.33	75.80 -5.63 0.12	79.31 -5.96 0.00	78.09 -5.60 0.00	76.86 -4.02 0.00	72.11 -3.23 0.00	59.63 -2.37 0.00
MCINTYRE_115KV_TB2 80467	197.42 8.17 0.00	146.58 5.24 0.00	142.65 4.75 0.00	138.96 4.18 0.00	142.07 4.04 0.00	134.80 2.95 0.00	132.76 2.60 0.00	172.23 3.03 0.00	96.06 2.04 0.00	127.20 3.31 0.00	75.01 2.15 0.00	67.90 1.54 0.00	65.95 1.45 0.00	95.80 2.66 0.00	108.75 3.75 0.00	117.78 4.50 0.00	98.79 3.79 0.00	109.00 2.56 0.00	83.26 1.72 0.00	87.19 1.91 0.00	85.70 2.01 0.00	83.58 2.70 0.00	78.82 3.48 0.00	65.06 3.06 0.00
MECO_____69_KV_BK1 80468	203.66 14.41 0.00	152.10 10.77 0.00	148.38 10.48 0.00	145.00 10.22 0.00	148.49 10.46 0.00	142.68 10.84 0.00	236.42 11.52 -94.74	436.78 15.73 -251.84	717.46 8.45 -614.99	413.66 10.64 -279.13	79.38 5.54 -0.99	82.06 4.41 -11.29	68.63 4.12 0.00	98.78 5.64 0.00	111.59 6.59 0.00	122.07 8.79 0.00	102.59 7.58 0.00	115.73 9.29 0.00	88.57 7.03 0.00	92.31 7.03 0.00	90.28 6.58 0.00	87.02 6.13 0.00	80.80 5.46 0.00	66.25 4.25 0.00
MENANDS___115KV_TB5 355628	195.46 6.21 0.00	146.56 5.22 0.00	143.14 5.24 0.00	140.18 5.39 0.00	143.41 5.38 0.00	136.86 5.01 0.00	195.02 5.18 -59.68	335.64 6.69 -159.74	483.86 3.53 -386.31	307.16 4.71 -178.56	76.12 2.63 -0.64	76.32 2.67 -7.29	67.18 2.67 0.00	96.43 3.30 0.00	108.14 3.14 0.00	115.81 2.53 0.00	97.34 2.33 0.00	110.08 3.63 0.00	84.58 3.04 0.00	88.18 2.91 0.00	86.53 2.83 0.00	83.34 2.46 0.00	77.87 2.53 0.00	64.22 2.22 0.00
MG INDUSTRY___DRP 24185	199.41 10.17 0.00	149.40 8.06 0.00	145.92 8.02 0.00	142.87 8.09 0.00	146.18 8.15 0.00	139.41 7.56 0.00	175.87 7.33 -38.38	272.31 9.30 -93.80	328.92 4.79 -230.11	229.09 6.02 -99.18	76.51 3.32 -0.34	73.39 3.13 -3.91	67.43 2.93 0.00	96.87 3.74 0.00	108.16 3.17 0.00	116.96 3.68 0.00	98.99 3.98 0.00	112.07 5.63 0.00	86.02 4.48 0.00	89.69 4.42 0.00	87.91 4.21 0.00	84.65 3.77 0.00	79.18 3.84 0.00	65.54 3.54 0.00

MID___OSWEGATCHIE_HYD 23849	192.62 3.37 0.00	143.53 2.19 0.00	139.69 1.79 0.00	136.60 1.81 0.00	140.25 2.22 0.00	133.81 1.96 0.00	131.99 1.83 0.00	171.58 2.38 0.00	95.73 1.71 0.00	126.54 2.65 0.00	74.21 1.35 0.00	67.33 0.97 0.00	65.37 0.87 0.00	93.86 0.72 0.00	105.88 0.88 0.00	115.03 1.75 0.00	97.10 2.10 0.00	107.81 1.37 0.00	82.64 1.09 0.00	86.09 0.82 0.00	84.66 0.96 0.00	82.18 1.30 0.00	77.48 2.14 0.00	63.89 1.89 0.00
MID___RAQUETTE_HYD 23851	193.55 4.31 0.00	143.85 2.51 0.00	140.02 2.13 0.00	136.52 1.74 0.00	139.42 1.39 0.00	131.98 0.13 0.00	129.88 -0.28 0.00	168.38 -0.83 0.00	94.00 -0.02 0.00	124.82 0.93 0.00	73.57 0.71 0.00	66.77 0.41 0.00	64.80 0.30 0.00	93.77 0.64 0.00	106.24 1.24 0.00	114.87 1.59 0.00	96.24 1.24 0.00	106.10 -0.35 0.00	81.13 -0.42 0.00	84.92 -0.35 0.00	83.54 -0.16 0.00	81.58 0.70 0.00	77.21 1.87 0.00	63.86 1.87 0.00
MILLIKEN___1 23584	189.81 0.56 0.00	141.83 0.49 0.00	138.48 0.58 0.00	135.53 0.75 0.00	138.87 0.84 0.00	132.98 1.13 0.00	137.15 1.74 -5.25	179.59 3.44 -6.94	112.84 1.53 -17.29	150.93 1.38 -25.65	82.57 0.54 -9.18	71.33 0.17 -4.80	64.20 -0.30 0.00	92.93 -0.21 0.00	105.71 0.72 0.00	113.80 0.53 0.00	94.78 -0.23 -0.01	107.05 0.21 -0.39	81.96 0.27 -0.14	85.52 0.25 0.00	83.71 0.01 0.00	80.61 -0.28 0.00	75.10 -0.23 0.00	61.71 -0.29 0.00
MILLIKEN___2 23585	189.81 0.56 0.00	141.83 0.49 0.00	138.48 0.58 0.00	135.53 0.75 0.00	138.87 0.84 0.00	132.98 1.13 0.00	137.15 1.74 -5.25	179.59 3.44 -6.94	112.84 1.53 -17.29	150.93 1.38 -25.65	82.57 0.54 -9.18	71.33 0.17 -4.80	64.20 -0.30 0.00	92.93 -0.21 0.00	105.71 0.72 0.00	113.80 0.53 0.00	94.78 -0.23 -0.01	107.05 0.21 -0.39	81.96 0.27 -0.14	85.52 0.25 0.00	83.71 0.01 0.00	80.61 -0.28 0.00	75.10 -0.23 0.00	61.71 -0.29 0.00
MILLIKEN___DIESEL 23629	189.81 0.56 0.00	141.83 0.49 0.00	138.48 0.58 0.00	135.53 0.75 0.00	138.87 0.84 0.00	132.98 1.13 0.00	137.15 1.74 -5.25	179.59 3.44 -6.94	112.84 1.53 -17.29	150.93 1.38 -25.65	82.57 0.54 -9.18	71.33 0.17 -4.80	64.20 -0.30 0.00	92.93 -0.21 0.00	105.71 0.72 0.00	113.80 0.53 0.00	94.78 -0.23 -0.01	107.05 0.21 -0.39	81.96 0.27 -0.14	85.52 0.25 0.00	83.71 0.01 0.00	80.61 -0.28 0.00	75.10 -0.23 0.00	61.71 -0.29 0.00
MILLSEAT___LFGE 323607	181.21 -8.03 0.00	134.28 -7.05 0.00	130.85 -7.04 0.00	127.67 -7.12 0.00	130.82 -7.21 0.00	125.44 -6.25 0.83	123.08 -6.25 0.00	160.84 -8.37 5.83	83.43 -4.75 5.38	111.31 -7.21 5.34	63.45 -4.06 0.95	60.77 -4.63 0.00	59.45 -5.06 0.00	87.12 -6.01 0.00	99.17 -5.82 0.00	106.23 -7.05 0.00	87.21 -7.79 0.00	97.95 -8.39 0.10	75.23 -6.28 0.04	78.13 -7.14 0.00	76.39 -7.31 0.00	74.22 -6.66 0.00	69.58 -5.76 0.00	57.83 -4.06 0.10
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	194.16 4.91 0.00	145.73 4.39 0.00	142.09 4.19 0.00	139.04 4.26 0.00	142.51 4.49 0.00	137.01 5.16 0.00	145.36 6.34 -8.85	202.06 9.23 -23.63	156.76 4.79 -57.95	156.13 6.04 -26.20	76.23 3.28 -0.09	70.66 3.24 -1.06	67.78 3.27 0.00	97.10 3.97 0.00	108.87 3.88 0.00	117.13 3.85 0.00	98.73 3.73 0.00	112.10 5.66 0.00	86.03 4.48 0.00	89.69 4.41 0.00	88.00 4.31 0.00	84.48 3.60 0.00	78.29 2.95 0.00	64.14 2.14 0.00
MILLWOOD_13_KV_LOAD 356217	194.21 4.96 0.00	145.73 4.39 0.00	142.09 4.19 0.00	139.04 4.26 0.00	142.51 4.49 0.00	137.01 5.16 0.00	145.36 6.34 -8.85	202.06 9.23 -23.63	156.76 4.79 -57.95	156.13 6.04 -26.20	76.23 3.28 -0.09	70.66 3.24 -1.06	67.78 3.27 0.00	97.10 3.97 0.00	108.87 3.88 0.00	117.13 3.85 0.00	98.73 3.73 0.00	112.10 5.66 0.00	86.03 4.48 0.00	89.69 4.41 0.00	88.00 4.31 0.00	84.48 3.60 0.00	78.29 2.95 0.00	64.21 2.20 0.00
MODEL_CITY_ENERGY 24167	175.85 -13.40 0.00	130.25 -11.09 0.00	126.95 -10.95 0.00	123.74 -11.04 0.00	126.67 -11.36 0.00	121.21 -10.64 0.00	118.34 -10.89 0.93	154.26 -14.94 0.00	78.88 -8.40 6.74	105.84 -11.95 6.10	59.94 -6.80 6.11	58.14 -7.14 1.07	57.02 -7.49 0.00	83.65 -9.48 0.00	95.48 -9.51 0.00	102.10 -11.18 0.00	83.33 -11.68 0.00	93.18 -13.16 0.11	71.55 -9.96 0.04	74.39 -10.88 0.00	72.79 -10.90 0.00	71.02 -9.86 0.00	66.80 -8.54 0.00	55.81 -6.08 0.12
MODERN_LFGE___ 323580	175.85 -13.40 0.00	130.25 -11.09 0.00	126.95 -10.95 0.00	123.74 -11.04 0.00	126.67 -11.36 0.00	121.21 -10.64 0.00	118.34 -10.89 0.93	154.26 -14.94 0.00	78.88 -8.40 6.74	105.84 -11.95 6.10	59.94 -6.80 6.11	58.14 -7.14 1.07	57.02 -7.49 0.00	83.65 -9.48 0.00	95.48 -9.51 0.00	102.10 -11.18 0.00	83.33 -11.68 0.00	93.18 -13.16 0.11	71.55 -9.96 0.04	74.39 -10.88 0.00	72.79 -10.90 0.00	71.02 -9.86 0.00	66.80 -8.54 0.00	55.81 -6.08 0.12
MOHAWK_PAPER___DRP 24187	196.40 7.16 0.00	147.23 5.89 0.00	143.74 5.85 0.00	140.77 5.99 0.00	144.04 6.02 0.00	137.51 5.66 0.00	198.57 5.95 -62.46	346.07 7.92 -168.94	509.35 4.26 -411.07	318.70 5.60 -189.21	76.62 3.09 -0.67	77.12 3.06 -7.71	67.53 3.02 0.00	97.00 3.87 0.00	108.81 3.82 0.00	116.76 3.48 0.00	98.11 3.10 0.00	111.02 4.57 0.00	85.26 3.71 0.00	88.89 3.62 0.00	87.24 3.54 0.00	83.99 3.11 0.00	78.36 3.02 0.00	64.54 2.53 0.00
MOHICAN___35_KV_115KV_LD 80490	205.35 16.10 0.00	153.79 12.45 0.00	150.00 12.10 0.00	147.12 12.34 0.00	150.79 12.76 0.00	144.36 12.51 0.00	237.91 13.32 -94.43	439.52 17.78 -252.53	720.79 9.43 -617.34	416.14 11.57 -280.67	80.03 6.18 -1.00	83.70 5.93 -11.42	70.03 5.53 0.00	100.51 7.38 0.00	112.98 7.98 0.00	122.18 8.90 0.00	102.49 7.49 0.00	116.60 10.16 0.00	89.58 8.03 0.00	93.34 8.07 0.00	91.46 7.76 0.00	88.07 7.19 0.00	81.82 6.49 0.00	67.15 5.14 0.00
MONGAUP___HYD 23641	197.18 7.93 0.00	147.72 6.38 0.00	143.95 6.05 0.00	140.89 6.11 0.00	144.33 6.30 0.00	138.60 6.75 0.00	146.02 7.78 -8.08	201.89 11.14 -21.54	152.82 5.97 -52.83	155.21 7.45 -23.87	76.94 4.01 -0.08	70.96 3.64 -0.96	68.06 3.56 0.00	97.53 4.40 0.00	109.14 4.15 0.00	117.33 4.05 0.00	99.28 4.28 0.00	113.02 6.57 0.00	86.89 5.35 0.00	90.58 5.31 0.00	88.83 5.13 0.00	85.33 4.45 0.00	79.05 3.72 0.00	64.64 2.64 0.00
MONTAUK___DIESEL 23721	195.36 6.11 0.00	152.23 10.89 0.00	147.56 9.66 0.00	144.46 9.68 0.00	149.86 11.83 0.00	144.64 12.79 0.00	151.51 12.45 -8.90	206.45 13.49 -23.75	160.47 8.19 -58.26	165.67 11.43 -30.35	112.95 7.56 -32.53	106.69 7.17 -33.16	113.23 7.16 -41.57	101.99 8.86 0.00	111.57 6.57 0.00	121.42 8.14 0.00	103.13 8.13 0.00	123.72 11.42 -5.85	89.14 7.59 0.00	92.74 7.47 0.00	89.50 5.80 0.00	84.98 4.10 0.00	78.90 3.56 0.00	64.47 2.46 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	183.95 -5.29 0.00	136.07 -5.27 0.00	132.24 -5.66 0.00	128.07 -6.71 0.00	130.31 -7.72 0.00	125.01 -6.84 0.00	123.35 -5.80 1.01	162.01 -7.20 0.00	89.36 -4.66 0.00	110.87 -7.29 5.74	65.56 -4.35 2.94	60.11 -4.81 1.44	58.80 -5.70 0.00	86.30 -6.83 0.00	96.51 -8.48 0.00	101.42 -11.86 0.00	85.41 -9.60 0.00	98.16 -8.13 0.15	76.07 -5.42 0.05	78.96 -6.31 0.00	77.60 -6.10 0.00	75.04 -5.84 0.00	70.83 -4.51 0.00	58.98 -3.02 0.00

MORRIS_RIDGE___SOLAR 323848	180.76 -8.48 0.00	134.32 -7.02 0.00	131.05 -6.85 0.00	128.42 -6.36 0.00	130.85 -7.17 0.00	124.29 -7.56 0.00	123.89 -7.07 -0.80	167.27 -8.29 -6.35	104.96 -4.94 -15.88	114.87 -7.72 1.30	63.46 -5.07 4.33	58.92 -5.59 1.85	58.86 -5.65 0.00	86.33 -6.80 0.00	98.41 -6.58 0.00	104.21 -9.06 0.00	86.19 -8.82 0.00	97.21 -9.03 0.21	75.74 -5.73 0.08	79.06 -6.21 0.00	77.43 -6.26 0.00	75.34 -5.54 0.00	70.60 -4.74 0.00	58.59 -3.42 0.00
MORTIMER_115KV_TB3 55949	182.10 -7.15 0.00	135.32 -6.02 0.00	131.95 -5.95 0.00	128.92 -5.86 0.00	132.09 -5.94 0.00	126.59 -5.26 0.00	124.63 -5.02 0.51	162.49 -6.72 0.00	90.02 -4.00 0.00	115.49 -5.92 2.48	68.19 -3.39 1.27	62.08 -3.66 0.63	60.65 -3.85 0.00	88.43 -4.70 0.00	100.40 -4.60 0.00	107.77 -5.51 0.00	89.32 -5.69 0.00	100.32 -6.06 0.06	76.95 -4.57 0.02	80.11 -5.16 0.00	78.36 -5.34 0.00	75.86 -5.02 0.00	70.90 -4.44 0.00	58.67 -3.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	194.40 5.16 0.00	145.90 4.56 0.00	142.20 4.31 0.00	139.16 4.38 0.00	142.65 4.62 0.00	137.24 5.39 0.00	145.84 6.78 -8.90	203.00 10.03 -23.76	157.52 5.22 -58.28	156.88 6.64 -26.35	76.64 3.70 -0.09	71.08 3.65 -1.07	68.21 3.70 0.00	97.62 4.49 0.00	109.46 4.47 0.00	117.75 4.47 0.00	99.26 4.26 0.00	112.73 6.28 0.00	86.50 4.95 0.00	90.18 4.90 0.00	88.45 4.75 0.00	84.88 3.99 0.00	78.60 3.26 0.00	64.40 2.40 0.00
MUNSVILLE_WIND_PWR 323609	200.57 11.33 0.00	150.33 8.99 0.00	147.07 9.17 0.00	144.55 9.77 0.00	149.16 11.13 0.00	143.69 11.84 0.00	150.28 12.68 -7.43	203.01 17.58 -16.22	145.30 9.54 -41.74	162.99 11.65 -27.45	85.10 6.55 -5.70	74.78 5.45 -2.97	68.88 4.37 0.00	99.34 6.21 0.00	113.54 8.55 0.00	120.78 7.50 0.00	99.19 4.19 0.00	112.01 5.37 -0.19	85.23 3.61 -0.07	89.68 4.41 0.00	89.06 5.36 0.00	86.08 5.20 0.00	80.08 4.74 0.00	66.01 3.97 -0.03
N SALMON___HYD 24042	196.46 7.21 0.00	145.99 4.65 0.00	142.42 4.53 0.00	138.89 4.11 0.00	141.98 3.95 0.00	134.79 2.94 0.00	132.80 2.64 0.00	172.04 2.84 0.00	95.94 1.92 0.00	126.78 2.88 0.00	74.65 1.80 0.00	67.69 1.33 0.00	65.47 0.96 0.00	94.45 1.32 0.00	107.02 2.03 0.00	116.86 3.58 0.00	98.09 3.08 0.00	107.65 1.20 0.00	82.40 0.85 0.00	86.31 1.04 0.00	84.89 1.19 0.00	82.61 1.73 0.00	77.27 1.93 0.00	63.90 1.90 0.00
N.AKRON__115KV_KNAPP 355671	180.15 -9.09 0.00	133.49 -7.85 0.00	130.10 -7.80 0.00	126.91 -7.87 0.00	130.02 -8.01 0.00	124.59 -7.26 0.00	122.20 -7.23 0.73	159.44 -9.76 0.00	88.46 -5.56 0.00	111.80 -8.18 3.92	66.22 -4.63 2.01	60.25 -5.13 0.98	58.98 -5.53 0.00	86.47 -6.66 0.00	98.45 -6.54 0.00	105.39 -7.89 0.00	86.39 -8.62 0.00	96.89 -9.46 0.10	74.42 -7.09 0.04	77.26 -8.02 0.00	75.57 -8.13 0.00	73.52 -7.36 0.00	69.00 -6.34 0.00	57.52 -4.49 0.00
N.BELMOR_69_KV_BK1 55787	195.13 5.88 0.00	147.25 5.91 0.00	143.18 5.28 0.00	140.28 5.49 0.00	144.15 6.12 0.00	138.98 7.13 0.00	147.70 8.64 -8.90	204.66 11.69 -23.75	158.07 5.79 -58.26	161.53 7.29 -30.35	109.96 4.57 -32.53	104.02 4.51 -33.16	110.67 4.59 -41.57	98.72 5.59 0.00	110.21 5.21 0.00	118.78 5.50 0.00	100.40 5.40 0.00	120.19 7.90 -5.85	87.66 6.11 0.00	91.33 6.06 0.00	89.48 5.78 0.00	85.71 4.83 0.00	79.64 4.30 0.00	65.28 3.28 0.00
N.E_GEN_SANDY PD 24062	189.34 6.76 6.66	146.94 5.61 0.00	143.44 5.54 0.00	140.56 5.78 0.00	143.94 5.91 0.00	137.75 5.95 0.05	170.40 6.65 -33.59	245.30 8.93 -67.17	257.98 4.75 -159.21	206.84 6.10 -76.84	138.22 3.08 -62.28	134.51 3.15 -65.00	96.32 3.19 -28.63	98.71 3.99 -1.59	107.46 3.90 1.44	113.54 3.88 3.62	97.36 3.52 1.17	114.83 5.34 -3.05	89.76 4.32 -3.89	89.53 4.26 0.00	87.89 4.19 0.00	85.01 3.73 -0.39	82.98 3.31 -4.33	79.41 2.62 -14.79
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	193.28 4.04 0.00	145.08 3.74 0.00	141.52 3.62 0.00	138.50 3.72 0.00	141.87 3.84 0.00	136.43 4.59 0.00	144.47 5.75 -8.55	200.59 8.56 -22.82	154.37 4.38 -55.96	154.66 5.47 -25.29	75.88 2.94 -0.09	70.31 2.93 -1.02	67.41 2.91 0.00	96.59 3.45 0.00	108.37 3.37 0.00	116.54 3.26 0.00	98.26 3.26 0.00	111.54 5.10 0.00	85.60 4.06 0.00	89.25 3.98 0.00	87.63 3.93 0.00	84.15 3.27 0.00	77.93 2.59 0.00	63.85 1.85 0.00
N.QUEENS_27_KV_LOAD 356247	194.84 5.59 0.00	146.22 4.88 0.00	142.52 4.62 0.00	139.40 4.62 0.00	142.88 4.86 0.00	137.51 5.67 0.00	146.33 7.27 -8.90	203.52 10.55 -23.76	157.87 5.58 -58.27	157.36 7.05 -26.41	76.78 3.83 -0.09	71.26 3.83 -1.07	68.39 3.88 0.00	97.88 4.75 0.00	109.82 4.83 0.00	118.08 4.79 0.00	99.44 4.44 0.00	112.89 6.44 0.00	86.64 5.09 0.00	90.33 5.06 0.00	88.67 4.97 0.00	85.08 4.20 0.00	78.69 3.36 0.00	64.43 2.43 0.00
N.TROY___115KV_TB1 355778	197.46 8.21 0.00	147.94 6.60 0.00	144.43 6.54 0.00	141.52 6.74 0.00	144.86 6.83 0.00	138.47 6.62 0.00	215.04 7.06 -77.82	389.35 9.43 -210.72	615.24 5.05 -516.17	365.69 6.49 -235.30	77.10 3.41 -0.83	79.24 3.34 -9.55	67.82 3.31 0.00	97.46 4.33 0.00	109.37 4.37 0.00	117.75 4.46 0.00	98.86 3.86 0.00	111.96 5.52 0.00	86.00 4.45 0.00	89.67 4.39 0.00	88.03 4.34 0.00	84.79 3.91 0.00	78.94 3.60 0.00	64.90 2.90 0.00
NARROWS_GT1_1 24228	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	159.14 6.61 -28.63	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT1_2 24229	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	159.14 6.61 -28.63	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT1_3 24230	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	159.14 6.61 -28.63	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT1_4 24231	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	159.14 6.61 -28.63	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00

NARROWS_GT1_5 24232	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	159.14 6.61 -28.63	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT1_6 24233	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	159.14 6.61 -28.63	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT1_7 24234	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	159.14 6.61 -28.63	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT1_8 24235	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	159.14 6.61 -28.63	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT2_1 24236	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	157.62 6.61 -27.12	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT2_2 24237	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	157.62 6.61 -27.12	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT2_3 24238	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	157.62 6.61 -27.12	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT2_4 24239	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	157.62 6.61 -27.12	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT2_5 24240	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	157.62 6.61 -27.12	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT2_6 24241	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	157.62 6.61 -27.12	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT2_7 24242	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	157.62 6.61 -27.12	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NARROWS_GT2_8 24243	193.70 4.45 0.00	145.46 4.12 0.00	141.84 3.94 0.00	138.73 3.95 0.00	142.28 4.25 0.00	137.01 5.16 0.00	145.74 6.67 -8.90	203.11 10.14 -23.76	157.59 5.30 -58.27	157.62 6.61 -27.12	76.67 3.72 -0.09	71.16 3.73 -1.07	68.30 3.80 0.00	97.70 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.39 4.39 0.00	112.90 6.45 0.00	86.70 5.15 0.00	90.38 5.11 0.00	88.84 5.14 0.00	85.22 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	198.57 9.32 0.00	148.74 7.40 0.00	145.15 7.25 0.00	142.13 7.35 0.00	145.38 7.35 0.00	138.59 6.74 0.00	171.22 6.39 -34.67	262.35 8.26 -84.88	306.62 4.35 -208.25	219.15 5.43 -89.82	76.42 3.25 -0.31	73.48 3.58 -3.54	67.96 3.46 0.00	97.80 4.66 0.00	108.74 3.75 0.00	117.20 3.92 0.00	99.54 4.54 0.00	112.83 6.38 0.00	86.68 5.13 0.00	90.30 5.03 0.00	88.40 4.70 0.00	85.04 4.16 0.00	79.50 4.17 0.00	65.79 3.79 0.00
NCHELSEA_115KV_TR2 355582	196.92 7.67 0.00	147.68 6.35 0.00	143.99 6.09 0.00	140.92 6.14 0.00	144.38 6.35 0.00	138.75 6.90 0.00	147.38 8.00 -9.23	205.05 11.33 -24.51	160.25 6.01 -60.22	158.76 7.70 -27.16	77.14 4.19 -0.10	71.45 4.00 -1.10	68.49 3.99 0.00	98.12 4.99 0.00	110.01 5.01 0.00	118.45 5.17 0.00	99.85 4.85 0.00	113.36 6.91 0.00	87.04 5.49 0.00	90.72 5.46 0.00	88.97 5.28 0.00	85.45 4.57 0.00	79.16 3.82 0.00	64.82 2.82 0.00
NEG CAPITAL___MECHNVIL 23645	200.95 11.70 0.00	150.49 9.15 0.00	146.88 8.98 0.00	143.89 9.11 0.00	147.29 9.26 0.00	141.02 9.17 0.00	229.57 9.72 -89.69	422.84 13.03 -240.61	689.56 7.02 -588.52	400.45 8.88 -267.68	78.60 4.80 -0.95	81.75 4.55 -10.84	68.87 4.36 0.00	98.96 5.83 0.00	111.17 6.17 0.00	120.02 6.74 0.00	100.75 5.75 0.00	114.15 7.70 0.00	87.64 6.10 0.00	91.36 6.09 0.00	89.57 5.88 0.00	86.27 5.38 0.00	80.15 4.81 0.00	65.84 3.84 0.00

NEG CENTRAL_HIGH_ACRES 23767	179.98 -9.27 0.00	133.94 -7.40 0.00	130.63 -7.26 0.00	127.70 -7.08 0.00	130.88 -7.14 0.00	125.41 -6.44 0.00	123.56 -6.17 0.43	161.16 -8.05 0.00	86.23 -4.81 2.98	114.67 -6.97 2.25	66.30 -4.08 2.48	61.80 -4.19 0.36	60.20 -4.30 0.00	87.63 -5.50 0.00	99.35 -5.64 0.00	106.74 -6.54 0.00	88.69 -6.31 0.00	99.68 -6.72 0.04	76.45 -5.08 0.01	79.65 -5.62 0.00	77.91 -5.79 0.00	75.31 -5.57 0.00	70.31 -5.03 0.00	58.03 -3.92 0.05
NEG CENTRAL___DRP 24199	185.57 -3.68 0.00	138.47 -2.87 0.00	135.09 -2.80 0.00	132.41 -2.38 0.00	135.41 -2.62 0.00	129.70 -2.15 0.00	128.72 -0.85 0.59	169.10 -0.11 0.00	93.47 -0.55 0.00	116.81 -1.48 5.61	69.05 -0.93 2.88	63.56 -1.39 1.41	62.94 -1.57 0.00	91.15 -1.99 0.00	103.59 -1.41 0.00	110.94 -2.34 0.00	92.87 -2.13 0.00	104.35 -1.95 0.15	80.48 -1.02 0.05	84.07 -1.20 0.00	82.16 -1.53 0.00	79.20 -1.69 0.00	73.85 -1.49 0.00	60.78 -1.23 0.00
NEG CENTRAL___INDECK 23768	182.56 -6.69 0.00	135.62 -5.72 0.00	132.30 -5.60 0.00	129.54 -5.24 0.00	132.47 -5.56 0.00	126.68 -5.17 0.00	124.27 -4.57 1.32	163.77 -5.43 0.00	89.94 -3.00 1.08	110.40 -5.59 7.91	64.55 -3.77 4.54	59.65 -4.79 1.92	59.20 -5.30 0.00	86.58 -6.56 0.00	99.77 -5.22 0.00	106.44 -6.84 0.00	88.05 -6.95 0.00	99.49 -6.76 0.19	77.36 -4.12 0.07	80.51 -4.76 0.00	78.68 -5.02 0.00	76.36 -4.53 0.00	71.34 -4.00 0.00	58.98 -3.01 0.02
NEG CENTRAL___SENECA 23627	185.52 -3.72 0.00	138.30 -3.03 0.00	134.79 -3.10 0.00	132.31 -2.48 0.00	135.22 -2.81 0.00	129.51 -2.34 0.00	128.58 -0.46 1.12	174.39 0.84 -4.34	108.03 -0.08 -14.09	119.00 -1.04 3.85	67.03 -0.60 5.22	62.76 -1.28 2.32	62.93 -1.57 0.00	91.21 -1.92 0.00	103.91 -1.08 0.00	110.79 -2.49 0.00	92.80 -2.20 0.00	104.28 -1.90 0.26	80.72 -0.73 0.09	84.31 -0.95 0.00	82.38 -1.32 0.00	79.47 -1.41 0.00	74.12 -1.22 0.00	61.04 -0.97 0.00
NEG CENTRAL___STATE_STREET 24147	186.69 -2.56 0.00	139.43 -1.91 0.00	136.36 -1.54 0.00	133.45 -1.33 0.00	136.72 -1.31 0.00	130.95 -0.90 0.00	130.10 -0.39 -0.33	168.99 -0.22 0.00	93.48 -0.54 0.00	124.38 -1.27 -1.76	72.88 -0.87 -0.90	65.69 -1.11 -0.44	63.26 -1.24 0.00	91.58 -1.56 0.00	103.89 -1.11 0.00	111.77 -1.51 0.00	93.45 -1.56 0.00	104.90 -1.58 -0.03	80.46 -1.10 -0.01	84.19 -1.08 0.00	82.33 -1.36 0.00	79.19 -1.69 0.00	73.92 -1.42 0.00	60.68 -1.33 0.00
NEG MILLWOOD___DRP 24198	197.48 8.24 0.00	148.09 6.75 0.00	144.42 6.53 0.00	141.37 6.59 0.00	144.83 6.80 0.00	139.28 7.44 0.00	147.97 8.63 -9.18	205.88 12.22 -24.45	160.54 6.49 -60.04	159.31 8.30 -27.11	77.48 4.53 -0.10	71.79 4.34 -1.09	68.83 4.33 0.00	98.60 5.47 0.00	110.50 5.50 0.00	118.93 5.65 0.00	100.30 5.30 0.00	113.96 7.51 0.00	87.50 5.95 0.00	91.20 5.93 0.00	89.41 5.72 0.00	85.82 4.94 0.00	79.48 4.14 0.00	65.03 3.03 0.00
NEG NORTH_FLCN_SEA 23793	195.47 6.22 0.00	145.73 4.40 0.00	142.16 4.26 0.00	138.78 4.00 0.00	141.70 3.67 0.00	133.97 2.12 0.00	131.93 1.77 0.00	170.44 1.23 0.00	94.96 0.94 0.00	125.15 1.26 0.00	73.63 0.77 0.00	66.95 0.59 0.00	64.76 0.26 0.00	93.23 0.09 0.00	105.45 0.46 0.00	115.59 2.30 0.00	97.23 2.23 0.00	106.67 0.23 0.00	81.67 0.13 0.00	85.53 0.26 0.00	84.08 0.39 0.00	81.66 0.78 0.00	76.18 0.84 0.00	63.29 1.28 0.00
NEG NORTH_KES_CHATEGAY 23792	193.21 3.96 0.00	143.75 2.41 0.00	140.29 2.39 0.00	136.87 2.09 0.00	140.01 1.98 0.00	132.86 1.02 0.00	130.75 0.59 0.00	169.04 -0.16 0.00	94.23 0.20 0.00	124.28 0.38 0.00	73.27 0.42 0.00	66.43 0.07 0.00	64.17 -0.34 0.00	92.47 -0.66 0.00	104.77 -0.22 0.00	114.89 1.61 0.00	96.50 1.49 0.00	105.63 -0.81 0.00	80.88 -0.66 0.00	84.83 -0.44 0.00	83.45 -0.25 0.00	81.16 0.28 0.00	75.77 0.44 0.00	62.69 0.68 0.00
NEG NORTH___ALICE_FALLS 23915	196.45 7.20 0.00	146.31 4.97 0.00	142.74 4.84 0.00	139.31 4.53 0.00	142.34 4.32 0.00	134.92 3.08 0.00	132.93 2.77 0.00	171.78 2.58 0.00	95.73 1.71 0.00	126.18 2.29 0.00	74.23 1.37 0.00	67.37 1.01 0.00	65.16 0.66 0.00	93.90 0.77 0.00	106.29 1.29 0.00	116.50 3.22 0.00	97.99 2.98 0.00	107.54 1.10 0.00	82.35 0.80 0.00	86.27 1.01 0.00	84.80 1.10 0.00	82.34 1.46 0.00	76.77 1.44 0.00	63.62 1.62 0.00
NEG NORTH___LWR_SARANAC 23913	196.45 7.20 0.00	146.31 4.97 0.00	142.74 4.84 0.00	139.31 4.53 0.00	142.34 4.32 0.00	134.92 3.08 0.00	132.93 2.77 0.00	171.78 2.58 0.00	95.73 1.71 0.00	126.18 2.29 0.00	74.23 1.37 0.00	67.37 1.01 0.00	65.16 0.66 0.00	93.90 0.77 0.00	106.29 1.29 0.00	116.50 3.22 0.00	97.99 2.98 0.00	107.54 1.10 0.00	82.35 0.80 0.00	86.27 1.01 0.00	84.80 1.10 0.00	82.34 1.46 0.00	76.77 1.44 0.00	63.62 1.62 0.00
NEG NORTH___PLATTSBURG 23628	196.45 7.20 0.00	146.31 4.97 0.00	142.73 4.83 0.00	139.31 4.53 0.00	142.34 4.32 0.00	134.92 3.07 0.00	132.93 2.77 0.00	171.78 2.58 0.00	95.75 1.73 0.00	126.22 2.32 0.00	74.23 1.38 0.00	67.37 1.01 0.00	65.16 0.66 0.00	93.90 0.77 0.00	106.29 1.29 0.00	116.50 3.22 0.00	97.99 2.98 0.00	107.56 1.11 0.00	82.35 0.80 0.00	86.28 1.01 0.00	84.80 1.10 0.00	82.34 1.46 0.00	76.77 1.43 0.00	63.62 1.62 0.00
NEG WEST_LEA_LOCKPORT 23791	176.55 -12.70 0.00	130.75 -10.59 0.00	127.48 -10.42 0.00	124.32 -10.46 0.00	127.25 -10.78 0.00	121.73 -10.12 0.00	119.08 -10.31 0.77	155.21 -13.99 0.00	86.08 -7.94 0.00	108.43 -11.28 4.19	64.30 -6.41 2.15	58.55 -6.76 1.05	57.41 -7.09 0.00	84.22 -8.92 0.00	96.02 -8.98 0.00	102.66 -10.62 0.00	83.97 -11.03 0.00	94.05 -12.29 0.11	72.25 -9.26 0.04	75.03 -10.24 0.00	73.43 -10.26 0.00	71.58 -9.30 0.00	67.34 -8.00 0.00	56.25 -5.75 0.00
NEG WEST___LANCASTER 23811	181.79 -7.45 0.00	134.80 -6.54 0.00	131.34 -6.56 0.00	128.15 -6.63 0.00	130.94 -7.09 0.00	125.19 -6.66 0.00	122.35 -6.83 0.99	160.51 -8.69 0.00	88.78 -5.24 0.00	110.55 -7.72 5.63	65.61 -4.36 2.89	60.24 -4.71 1.42	59.63 -4.88 0.00	87.35 -5.78 0.00	99.48 -5.52 0.00	106.19 -7.09 0.00	87.12 -7.88 0.00	97.85 -8.45 0.14	75.23 -6.27 0.05	78.23 -7.04 0.00	76.57 -7.12 0.00	74.47 -6.41 0.00	70.01 -5.33 0.00	58.20 -3.80 0.00
NEG_PENN_ALLEGHNY 23528	187.50 -1.75 0.00	140.07 -1.27 0.00	136.58 -1.31 0.00	133.73 -1.05 0.00	136.78 -1.25 0.00	130.82 -1.03 0.00	133.08 -0.69 -3.60	180.03 -0.10 -10.93	122.60 -0.64 -29.22	132.52 -1.26 -9.89	71.71 -1.00 0.15	65.12 -1.00 0.24	63.66 -0.84 0.00	91.88 -1.25 0.00	103.73 -1.27 0.00	111.49 -1.79 0.00	93.20 -1.81 0.00	104.90 -1.48 0.07	80.51 -1.01 0.02	84.11 -1.16 0.00	82.32 -1.38 0.00	79.46 -1.42 0.00	74.07 -1.27 0.00	60.99 -1.06 -0.04
NEG___GEN_MONROE 24207	183.21 -6.03 0.00	136.00 -5.34 0.00	132.62 -5.27 0.00	129.55 -5.24 0.00	132.77 -5.26 0.00	127.32 -4.53 0.00	125.43 -4.21 0.52	163.58 -5.63 0.00	90.61 -3.41 0.00	116.16 -5.18 2.56	68.57 -2.97 1.31	62.36 -3.36 0.64	60.88 -3.62 0.00	88.82 -4.31 0.00	100.95 -4.05 0.00	108.35 -4.93 0.00	89.66 -5.35 0.00	100.76 -5.62 0.07	77.34 -4.19 0.02	80.44 -4.83 0.00	78.68 -5.02 0.00	76.21 -4.67 0.00	71.25 -4.09 0.00	58.98 -3.03 0.00

NEPA__ENERGY 23901	181.38 -7.87 0.00	134.24 -7.10 0.00	130.70 -7.20 0.00	127.11 -7.67 0.00	129.76 -8.27 0.00	124.20 -7.65 0.00	121.94 -7.29 0.94	159.69 -9.51 0.00	88.32 -5.70 0.00	110.06 -8.59 5.25	65.17 -4.99 2.69	59.62 -5.42 1.32	58.72 -5.78 0.00	86.23 -6.91 0.00	97.70 -7.29 0.00	103.88 -9.40 0.00	85.92 -9.09 0.00	97.15 -9.16 0.13	74.97 -6.53 0.05	77.81 -7.46 0.00	76.26 -7.43 0.00	74.09 -6.79 0.00	69.75 -5.59 0.00	58.09 -3.91 0.00
NEVERSink__HYD 23608	193.91 4.66 0.00	145.38 4.04 0.00	141.75 3.86 0.00	138.72 3.94 0.00	142.13 4.10 0.00	136.58 4.73 0.00	145.45 5.79 -9.49	202.42 8.41 -24.80	159.25 4.43 -60.79	156.74 5.66 -27.18	75.92 2.98 -0.09	70.24 2.79 -1.09	67.25 2.75 0.00	96.43 3.30 0.00	107.94 2.94 0.00	116.46 3.19 0.00	98.18 3.17 0.00	111.41 4.97 0.00	85.52 3.97 0.00	89.19 3.92 0.00	87.44 3.74 0.00	83.98 3.09 0.00	77.73 2.39 0.00	63.58 1.58 0.00
NEWKRMKL_115KV_TB1 55635	195.00 5.75 0.00	146.25 4.91 0.00	142.84 4.94 0.00	139.85 5.07 0.00	143.08 5.06 0.00	136.42 4.57 0.00	191.89 4.66 -57.06	322.59 5.80 -147.58	455.49 3.02 -358.44	289.59 3.91 -161.78	75.74 2.32 -0.57	75.26 2.37 -6.53	66.93 2.42 0.00	96.01 2.87 0.00	107.64 2.65 0.00	115.01 1.73 0.00	96.72 1.72 0.00	109.31 2.86 0.00	84.01 2.46 0.00	87.59 2.32 0.00	85.92 2.22 0.00	82.76 1.88 0.00	77.46 2.12 0.00	64.01 2.00 0.00
NEWTON__FALLS_HYD 23847	192.62 3.37 0.00	143.53 2.19 0.00	139.69 1.79 0.00	136.60 1.81 0.00	140.25 2.22 0.00	133.81 1.96 0.00	131.99 1.83 0.00	171.58 2.38 0.00	95.73 1.71 0.00	126.54 2.65 0.00	74.21 1.35 0.00	67.33 0.97 0.00	65.37 0.87 0.00	93.86 0.72 0.00	105.88 0.88 0.00	115.03 1.75 0.00	97.10 2.10 0.00	107.81 1.37 0.00	82.64 1.09 0.00	86.09 0.82 0.00	84.66 0.96 0.00	82.18 1.30 0.00	77.48 2.14 0.00	63.89 1.89 0.00
NGRID_A1_DSASP 323792	174.18 -15.07 0.00	128.84 -12.50 0.00	125.56 -12.34 0.00	122.63 -12.15 0.00	125.67 -12.36 0.00	120.25 -11.60 0.00	117.21 -12.00 0.94	152.70 -16.50 0.00	77.84 -9.20 6.98	104.67 -13.06 6.17	59.23 -7.37 6.25	57.56 -7.73 1.07	56.45 -8.05 0.00	82.82 -10.31 0.00	94.65 -10.34 0.00	101.25 -12.03 0.00	82.90 -12.10 0.00	92.74 -13.59 0.11	71.16 -10.35 0.04	73.90 -11.37 0.00	72.33 -11.37 0.00	70.51 -10.37 0.00	66.40 -8.94 0.00	55.38 -6.50 0.12
NGRID_A2_DSASP 323793	174.18 -15.07 0.00	128.84 -12.50 0.00	125.56 -12.34 0.00	122.63 -12.15 0.00	125.67 -12.36 0.00	120.25 -11.60 0.00	117.21 -12.00 0.94	152.70 -16.50 0.00	77.84 -9.20 6.98	104.67 -13.06 6.17	59.23 -7.37 6.25	57.56 -7.73 1.07	56.45 -8.05 0.00	82.82 -10.31 0.00	94.65 -10.34 0.00	101.25 -12.03 0.00	82.90 -12.10 0.00	92.74 -13.59 0.11	71.16 -10.35 0.04	73.90 -11.37 0.00	72.33 -11.37 0.00	70.51 -10.37 0.00	66.40 -8.94 0.00	55.38 -6.50 0.12
NGRID_A4_DSASP 323807	174.18 -15.07 0.00	128.84 -12.50 0.00	125.56 -12.34 0.00	122.63 -12.15 0.00	125.67 -12.36 0.00	120.25 -11.60 0.00	117.21 -12.00 0.94	152.70 -16.50 0.00	77.84 -9.20 6.98	104.67 -13.06 6.17	59.23 -7.37 6.25	57.56 -7.73 1.07	56.45 -8.05 0.00	82.82 -10.31 0.00	94.65 -10.34 0.00	101.25 -12.03 0.00	82.90 -12.10 0.00	92.74 -13.59 0.11	71.16 -10.35 0.04	73.90 -11.37 0.00	72.33 -11.37 0.00	70.51 -10.37 0.00	66.40 -8.94 0.00	55.38 -6.50 0.12
NIAGARA_115E_LBMP 323715	175.14 -14.11 0.00	129.74 -11.60 0.00	126.46 -11.44 0.00	123.19 -11.59 0.00	126.11 -11.92 0.00	120.67 -11.18 0.00	117.70 -11.51 0.95	153.31 -15.89 0.00	78.16 -8.93 6.93	105.04 -12.63 6.23	59.39 -7.20 6.27	57.78 -7.48 1.09	56.66 -7.85 0.00	83.11 -10.02 0.00	94.93 -10.06 0.00	101.52 -11.76 0.00	82.74 -12.26 0.00	92.44 -13.90 0.11	70.98 -10.53 0.04	73.84 -11.43 0.00	72.28 -11.42 0.00	70.54 -10.34 0.00	66.38 -8.95 0.00	55.49 -6.39 0.12
NIAGARA_115W_LBMP 323714	173.89 -15.35 0.00	128.63 -12.70 0.00	125.40 -12.50 0.00	122.43 -12.35 0.00	125.46 -12.57 0.00	120.03 -11.81 0.00	117.02 -12.20 0.94	152.43 -16.77 0.00	77.72 -9.32 6.98	104.50 -13.23 6.15	59.16 -7.45 6.25	57.48 -7.81 1.07	56.37 -8.13 0.00	82.70 -10.43 0.00	94.49 -10.50 0.00	101.08 -12.20 0.00	82.77 -12.23 0.00	92.57 -13.76 0.11	71.03 -10.48 0.04	73.77 -11.50 0.00	72.18 -11.51 0.00	70.39 -10.49 0.00	66.29 -9.04 0.00	55.27 -6.61 0.12
NIAGARA_230_LBMP 323716	175.57 -13.67 0.00	130.02 -11.32 0.00	126.68 -11.21 0.00	123.70 -11.08 0.00	126.71 -11.32 0.00	121.21 -10.64 0.00	118.15 -11.10 0.92	154.03 -15.17 0.00	78.51 -8.58 6.94	105.59 -12.27 6.04	59.70 -6.98 6.17	58.06 -7.25 1.05	56.97 -7.53 0.00	83.59 -9.54 0.00	95.43 -9.56 0.00	102.13 -11.15 0.00	83.65 -11.35 0.00	93.62 -12.72 0.11	71.85 -9.66 0.04	74.70 -10.57 0.00	73.08 -10.62 0.00	71.21 -9.67 0.00	67.01 -8.33 0.00	55.86 -6.02 0.12
NIAGARA__115KV_198_GIBSON 55903	173.89 -15.35 0.00	128.63 -12.70 0.00	125.41 -12.49 0.00	122.42 -12.36 0.00	125.48 -12.54 0.00	120.04 -11.81 0.00	117.16 -12.21 0.79	152.41 -16.80 0.00	84.62 -9.40 0.00	106.55 -13.09 4.25	63.28 -7.39 2.18	57.50 -7.79 1.07	56.39 -8.11 0.00	82.69 -10.44 0.00	94.49 -10.50 0.00	101.08 -12.20 0.00	82.76 -12.24 0.00	92.57 -13.76 0.11	71.02 -10.48 0.04	73.78 -11.49 0.00	72.18 -11.52 0.00	70.39 -10.49 0.00	66.29 -9.04 0.00	55.40 -6.60 0.00
NIAGARA____ 23760	175.57 -13.67 0.00	130.02 -11.32 0.00	126.68 -11.21 0.00	123.70 -11.08 0.00	126.71 -11.32 0.00	121.21 -10.64 0.00	118.14 -11.10 0.93	154.03 -15.17 0.00	78.51 -8.58 6.94	105.55 -12.27 6.08	59.67 -6.98 6.20	58.06 -7.25 1.06	56.97 -7.53 0.00	83.59 -9.54 0.00	95.43 -9.56 0.00	102.13 -11.15 0.00	83.65 -11.35 0.00	93.61 -12.72 0.11	71.85 -9.66 0.04	74.70 -10.57 0.00	73.08 -10.62 0.00	71.21 -9.67 0.00	67.01 -8.33 0.00	55.86 -6.02 0.12
NINE_MILE_1 23575	181.48 -7.76 0.00	135.56 -5.78 0.00	132.31 -5.59 0.00	129.39 -5.40 0.00	132.50 -5.53 0.00	126.71 -5.13 0.00	125.22 -4.94 0.00	162.57 -6.64 0.00	90.08 -3.95 0.00	118.45 -5.45 0.00	69.59 -3.26 0.00	63.25 -3.11 0.00	61.47 -3.04 0.00	88.81 -4.33 0.00	100.24 -4.76 0.00	108.06 -5.22 0.00	90.48 -4.53 0.00	101.64 -4.81 0.00	77.92 -3.63 0.00	81.35 -3.92 0.00	79.74 -3.96 0.00	76.95 -3.93 0.00	71.70 -3.64 0.00	59.02 -2.98 0.00
NINE_MILE_2 23744	181.48 -7.76 0.00	135.56 -5.78 0.00	132.31 -5.59 0.00	129.39 -5.40 0.00	132.50 -5.53 0.00	126.71 -5.13 0.00	125.23 -4.93 0.00	162.58 -6.62 0.00	90.08 -3.94 0.00	118.45 -5.45 0.00	69.59 -3.26 0.00	63.26 -3.10 0.00	61.47 -3.03 0.00	88.82 -4.32 0.00	100.25 -4.75 0.00	108.06 -5.22 0.00	90.48 -4.53 0.00	101.64 -4.81 0.00	77.93 -3.62 0.00	81.35 -3.92 0.00	79.74 -3.96 0.00	76.96 -3.92 0.00	71.71 -3.63 0.00	59.02 -2.98 0.00
NM_CAPITAL__DRP 24208	195.14 5.90 0.00	146.38 5.04 0.00	142.93 5.03 0.00	139.97 5.19 0.00	143.22 5.19 0.00	136.60 4.75 0.00	191.17 4.90 -56.11	321.27 6.17 -145.89	443.02 3.21 -345.79	290.51 4.24 -162.38	75.86 2.43 -0.58	75.51 2.48 -6.68	67.00 2.49 0.00	96.15 3.02 0.00	107.80 2.81 0.00	115.32 2.04 0.00	96.95 1.94 0.00	109.59 3.14 0.00	84.22 2.67 0.00	87.82 2.55 0.00	86.17 2.47 0.00	83.01 2.13 0.00	77.61 2.27 0.00	64.07 2.07 0.00

NM_CENTRAL___DRP 24181	184.69 -4.55 0.00	137.94 -3.40 0.00	134.64 -3.25 0.00	131.69 -3.09 0.00	134.88 -3.14 0.00	129.11 -2.74 0.00	127.71 -2.46 0.00	165.72 -3.48 0.00	91.70 -2.32 0.00	120.53 -3.36 0.00	70.78 -2.07 0.00	64.31 -2.05 0.00	62.45 -2.05 0.00	90.30 -2.84 0.00	101.96 -3.03 0.00	109.89 -3.39 0.00	91.96 -3.05 0.00	103.42 -3.03 0.00	79.28 -2.27 0.00	82.73 -2.54 0.00	80.98 -2.71 0.00	78.08 -2.80 0.00	72.72 -2.62 0.00	59.84 -2.17 0.00
NM_FRONTIER___DRP 24179	173.89 -15.35 0.00	128.63 -12.70 0.00	125.41 -12.49 0.00	122.42 -12.36 0.00	125.48 -12.54 0.00	120.04 -11.81 0.00	117.16 -12.21 0.79	152.41 -16.80 0.00	84.62 -9.40 0.00	106.55 -13.09 4.25	63.28 -7.39 2.18	57.50 -7.79 1.07	56.39 -8.11 0.00	82.69 -10.44 0.00	94.49 -10.50 0.00	101.08 -12.20 0.00	82.76 -12.24 0.00	92.57 -13.76 0.11	71.02 -10.48 0.04	73.78 -11.49 0.00	72.18 -11.52 0.00	70.39 -10.49 0.00	66.29 -9.04 0.00	55.40 -6.60 0.00
NM_ST_REGIS___HYD 24053	194.45 5.21 0.00	144.50 3.16 0.00	140.78 2.89 0.00	137.23 2.44 0.00	140.21 2.18 0.00	132.77 0.92 0.00	130.69 0.53 0.00	169.39 0.19 0.00	94.56 0.53 0.00	125.40 1.51 0.00	73.88 1.03 0.00	67.03 0.67 0.00	65.01 0.50 0.00	94.00 0.86 0.00	106.48 1.49 0.00	115.49 2.21 0.00	96.82 1.82 0.00	106.53 0.09 0.00	81.49 -0.06 0.00	85.34 0.07 0.00	83.93 0.23 0.00	81.93 1.04 0.00	77.30 1.96 0.00	63.93 1.93 0.00
NORTHPORT___1 23551	194.90 5.65 0.00	147.66 6.33 0.00	143.57 5.67 0.00	140.93 6.14 0.00	145.01 6.99 0.00	139.65 7.80 0.00	147.75 8.69 -8.90	204.26 11.30 -23.75	157.73 5.45 -58.26	161.23 6.99 -30.35	110.20 4.81 -32.53	104.59 5.06 -33.16	111.35 5.27 -41.57	99.64 6.51 0.00	110.78 5.79 0.00	118.80 5.52 0.00	100.69 5.68 0.00	120.70 8.40 -5.85	87.36 5.81 0.00	90.99 5.72 0.00	89.32 5.62 0.00	85.36 4.47 0.00	79.75 4.41 0.00	65.50 3.50 0.00
NORTHPORT___2 23552	194.90 5.65 0.00	147.66 6.33 0.00	143.57 5.67 0.00	140.93 6.14 0.00	145.01 6.99 0.00	139.65 7.80 0.00	147.75 8.69 -8.90	204.26 11.30 -23.75	157.73 5.45 -58.26	161.23 6.99 -30.35	110.20 4.81 -32.53	104.59 5.06 -33.16	111.35 5.27 -41.57	99.64 6.51 0.00	110.78 5.79 0.00	118.80 5.52 0.00	100.69 5.68 0.00	120.70 8.40 -5.85	87.36 5.81 0.00	90.99 5.72 0.00	89.32 5.62 0.00	85.36 4.47 0.00	79.75 4.41 0.00	65.50 3.50 0.00
NORTHPORT___3 23553	194.95 5.70 0.00	147.54 6.20 0.00	143.52 5.62 0.00	140.80 6.02 0.00	144.85 6.82 0.00	139.58 7.73 0.00	147.80 8.74 -8.90	204.56 11.59 -23.75	157.83 5.55 -58.26	161.36 7.12 -30.35	110.08 4.69 -32.53	104.33 4.81 -33.16	110.84 4.76 -41.57	98.87 5.74 0.00	110.01 5.01 0.00	118.12 4.84 0.00	100.09 5.08 0.00	120.11 7.81 -5.85	87.07 5.52 0.00	90.64 5.37 0.00	89.05 5.35 0.00	85.17 4.29 0.00	79.32 3.98 0.00	65.13 3.12 0.00
NORTHPORT___4 23650	194.95 5.70 0.00	147.54 6.20 0.00	143.52 5.62 0.00	140.80 6.02 0.00	144.85 6.82 0.00	139.58 7.73 0.00	147.80 8.74 -8.90	204.56 11.59 -23.75	157.83 5.55 -58.26	161.36 7.12 -30.35	110.08 4.69 -32.53	104.33 4.81 -33.16	110.84 4.76 -41.57	98.87 5.74 0.00	110.01 5.01 0.00	118.12 4.84 0.00	100.09 5.08 0.00	120.11 7.81 -5.85	87.07 5.52 0.00	90.64 5.37 0.00	89.05 5.35 0.00	85.17 4.29 0.00	79.32 3.98 0.00	65.13 3.12 0.00
NORTHPORT___IC 23718	194.90 5.65 0.00	147.67 6.33 0.00	143.57 5.67 0.00	140.92 6.14 0.00	145.02 6.99 0.00	139.65 7.80 0.00	147.74 8.68 -8.90	204.26 11.30 -23.75	157.74 5.47 -58.26	161.26 7.02 -30.35	110.21 4.82 -32.53	104.58 5.06 -33.16	111.35 5.27 -41.57	99.64 6.51 0.00	110.79 5.79 0.00	118.80 5.52 0.00	100.69 5.68 0.00	120.69 8.40 -5.85	87.37 5.81 0.00	90.99 5.72 0.00	89.32 5.62 0.00	85.35 4.47 0.00	79.75 4.41 0.00	65.51 3.51 0.00
NORTH___COUNTRY_ESR 323785	192.61 3.36 0.00	143.25 1.91 0.00	139.81 1.91 0.00	136.42 1.64 0.00	139.52 1.49 0.00	132.45 0.61 0.00	130.28 0.12 0.00	168.38 -0.82 0.00	93.91 -0.11 0.00	123.93 0.03 0.00	73.08 0.22 0.00	66.40 0.04 0.00	64.16 -0.35 0.00	92.38 -0.75 0.00	104.59 -0.41 0.00	114.64 1.36 0.00	96.32 1.31 0.00	105.33 -1.12 0.00	80.61 -0.94 0.00	84.58 -0.70 0.00	83.25 -0.45 0.00	81.03 0.15 0.00	75.60 0.26 0.00	62.57 0.57 0.00
NPX_GEN_1385_PROXY 323591	200.22 10.98 0.00	151.06 9.72 0.00	146.55 8.65 0.00	143.82 9.03 0.00	148.39 10.36 0.00	142.20 10.35 0.00	149.17 10.10 -8.90	206.08 13.12 -23.75	157.79 5.51 -58.26	161.48 7.24 -30.35	110.64 5.25 -32.53	105.88 6.35 -33.16	166.96 7.06 -95.39	118.64 9.05 -16.45	112.10 7.11 0.00	116.93 3.65 0.00	99.38 4.37 0.00	120.04 7.74 -5.85	86.68 5.14 0.00	90.43 5.16 0.00	89.36 5.66 0.00	84.74 3.86 0.00	81.02 5.68 0.00	66.92 4.92 0.00
NPX_GEN_CSC 323557	195.04 5.79 0.00	149.50 8.16 0.00	144.48 6.58 0.00	141.66 6.88 0.00	146.71 8.68 0.00	141.54 9.69 0.00	149.19 10.13 -8.90	205.99 13.03 -23.75	158.83 6.55 -58.26	162.59 8.35 -30.35	111.38 5.99 -32.53	105.41 5.89 -33.16	111.97 5.89 -41.57	100.35 7.22 0.00	111.43 6.43 0.00	120.26 6.98 0.00	102.15 7.15 0.00	122.66 10.36 -5.85	89.00 7.45 0.00	92.63 7.36 0.00	90.53 6.83 0.00	86.39 5.51 0.00	80.37 5.04 0.00	65.83 3.83 0.00
NSINS_S___GLNS_FALLS 23858	205.08 15.83 0.00	153.55 12.21 0.00	149.76 11.86 0.00	146.86 12.08 0.00	150.50 12.47 0.00	144.13 12.28 0.00	238.53 13.05 -95.33	441.43 17.45 -254.78	726.04 9.25 -622.77	418.35 11.40 -283.05	80.01 6.15 -1.00	83.73 5.89 -11.48	69.96 5.46 0.00	100.46 7.33 0.00	112.90 7.90 0.00	122.09 8.81 0.00	102.46 7.45 0.00	116.48 10.03 0.00	89.47 7.93 0.00	93.23 7.95 0.00	91.34 7.64 0.00	87.99 7.10 0.00	81.74 6.40 0.00	67.08 5.07 0.00
NUCOR_STEEL___DRP 24197	186.46 -2.78 0.00	139.32 -2.02 0.00	136.31 -1.59 0.00	133.37 -1.41 0.00	136.67 -1.36 0.00	130.89 -0.95 0.00	130.01 -0.52 -0.37	168.68 -0.52 0.00	93.33 -0.69 0.00	124.85 -1.40 -2.35	73.08 -0.98 -1.21	65.78 -1.17 -0.59	63.24 -1.26 0.00	91.54 -1.60 0.00	103.72 -1.27 0.00	111.74 -1.54 0.00	93.44 -1.57 0.00	104.82 -1.67 -0.05	80.33 -1.24 -0.02	84.09 -1.18 0.00	82.28 -1.42 0.00	79.05 -1.83 0.00	73.84 -1.49 0.00	60.60 -1.41 0.00
NUMBER_THREE_WT_PWR 323818	192.29 3.05 0.00	143.73 2.39 0.00	139.72 1.83 0.00	136.98 2.20 0.00	141.74 3.71 0.00	136.47 4.62 0.00	134.84 4.68 0.00	175.70 6.50 0.00	98.02 4.00 0.00	129.10 5.20 0.00	75.27 2.42 0.00	68.27 1.91 0.00	66.25 1.75 0.00	94.25 1.12 0.00	106.06 1.06 0.00	115.92 2.64 0.00	98.58 3.57 0.00	110.20 3.76 0.00	84.63 3.09 0.00	87.70 2.43 0.00	86.31 2.62 0.00	83.25 2.37 0.00	78.11 2.77 0.00	64.19 2.19 0.00
NYISO_LBMP_REFERENCE 24008	189.25 0.00 0.00	141.34 0.00 0.00	137.90 0.00 0.00	134.78 0.00 0.00	138.03 0.00 0.00	131.85 0.00 0.00	130.16 0.00 0.00	169.21 0.00 0.00	94.02 0.00 0.00	123.89 0.00 0.00	72.85 0.00 0.00	66.36 0.00 0.00	64.50 0.00 0.00	93.13 0.00 0.00	104.99 0.00 0.00	113.28 0.00 0.00	95.01 0.00 0.00	106.44 0.00 0.00	81.55 0.00 0.00	85.27 0.00 0.00	83.70 0.00 0.00	80.88 0.00 0.00	75.34 0.00 0.00	62.00 0.00 0.00

OAK ORCHARD___HYD 24046	182.09 -7.15 0.00	135.32 -6.02 0.00	131.94 -5.96 0.00	128.91 -5.87 0.00	132.11 -5.92 0.00	126.59 -5.26 0.00	124.57 -5.01 0.59	162.50 -6.70 0.00	86.29 -3.97 3.77	114.46 -5.92 3.51	65.99 -3.39 3.47	62.06 -3.67 0.63	60.64 -3.87 0.00	88.43 -4.71 0.00	100.39 -4.61 0.00	107.77 -5.51 0.00	89.32 -5.69 0.00	100.32 -6.06 0.06	76.95 -4.57 0.02	80.11 -5.16 0.00	78.36 -5.33 0.00	75.86 -5.02 0.00	70.90 -4.44 0.00	58.60 -3.34 0.07
OAKDALE___35_KV_LOAD 356122	186.86 -2.39 0.00	139.63 -1.71 0.00	136.16 -1.74 0.00	133.32 -1.47 0.00	136.34 -1.69 0.00	130.40 -1.45 0.00	132.61 -1.15 -3.59	179.76 -0.78 -11.33	120.99 -1.00 -27.97	131.92 -1.67 -9.69	70.16 -1.22 1.47	64.91 -1.21 0.23	63.44 -1.07 0.00	91.54 -1.59 0.00	103.35 -1.64 0.00	111.10 -2.18 0.00	92.84 -2.16 0.00	104.46 -1.91 0.08	80.17 -1.35 0.03	83.78 -1.49 0.00	82.03 -1.66 0.00	79.20 -1.68 0.00	73.83 -1.51 0.00	60.77 -1.23 0.00
OCC_CHEM___DRP 24175	174.17 -15.07 0.00	128.84 -12.49 0.00	125.56 -12.34 0.00	122.65 -12.13 0.00	125.68 -12.35 0.00	120.27 -11.57 0.00	117.34 -12.03 0.79	152.68 -16.52 0.00	84.76 -9.26 0.00	106.71 -12.91 4.27	63.37 -7.29 2.19	57.58 -7.70 1.07	56.49 -8.02 0.00	82.84 -10.30 0.00	94.65 -10.34 0.00	101.23 -12.05 0.00	82.90 -12.10 0.00	92.74 -13.60 0.11	71.16 -10.35 0.04	73.90 -11.37 0.00	72.32 -11.38 0.00	70.52 -10.36 0.00	66.40 -8.94 0.00	55.49 -6.51 0.00
OH_GEN_PROXY 24063	175.62 -13.63 0.00	130.06 -11.28 0.00	126.78 -11.12 0.00	123.78 -11.00 0.00	126.75 -11.28 0.00	121.26 -10.59 0.00	118.22 -11.02 0.93	154.29 -14.92 0.00	78.14 -8.47 7.41	105.62 -12.13 6.14	59.52 -6.90 6.43	58.19 -7.13 1.04	57.14 -7.37 0.00	83.77 -9.37 0.00	199.35 -9.37 -103.73	102.31 -10.97 0.00	83.92 -11.09 0.00	93.93 -12.41 0.11	72.06 -9.45 0.04	74.95 -10.32 0.00	73.32 -10.38 0.00	71.41 -9.47 0.00	67.18 -8.16 0.00	55.90 -5.97 0.13
OLIN_CORP_DRP 24177	175.32 -13.92 0.00	129.87 -11.47 0.00	126.56 -11.34 0.00	123.39 -11.39 0.00	126.31 -11.72 0.00	120.83 -11.02 0.00	117.97 -11.39 0.81	153.56 -15.65 0.00	85.18 -8.84 0.00	107.05 -12.44 4.41	63.48 -7.10 2.26	57.86 -7.38 1.11	56.77 -7.73 0.00	83.23 -9.90 0.00	95.08 -9.92 0.00	101.66 -11.62 0.00	82.95 -12.05 0.00	92.67 -13.66 0.11	71.16 -10.35 0.04	74.06 -11.21 0.00	72.46 -11.23 0.00	70.71 -10.17 0.00	66.53 -8.80 0.00	55.71 -6.29 0.00
OLIN_CORP_DSASP 323712	174.18 -15.07 0.00	128.84 -12.50 0.00	125.56 -12.34 0.00	122.63 -12.15 0.00	125.67 -12.36 0.00	120.25 -11.60 0.00	117.21 -12.00 0.94	152.70 -16.50 0.00	77.84 -9.20 6.98	104.67 -13.06 6.17	59.23 -7.37 6.25	57.56 -7.73 1.07	56.45 -8.05 0.00	82.82 -10.31 0.00	94.65 -10.34 0.00	101.25 -12.03 0.00	82.90 -12.10 0.00	92.74 -13.59 0.11	71.16 -10.35 0.04	73.90 -11.37 0.00	72.33 -11.37 0.00	70.51 -10.37 0.00	66.40 -8.94 0.00	55.38 -6.50 0.12
ONEIDA_HERK_LFGE 323681	193.50 4.26 0.00	144.65 3.31 0.00	140.95 3.06 0.00	138.07 3.28 0.00	141.98 3.95 0.00	136.37 4.52 0.00	135.01 4.85 0.00	176.15 6.94 0.00	98.00 3.98 0.00	129.07 5.17 0.00	75.52 2.67 0.00	68.63 2.27 0.00	66.61 2.11 0.00	95.54 2.41 0.00	107.73 2.73 0.00	116.75 3.47 0.00	98.50 3.50 0.00	110.45 4.01 0.00	84.65 3.11 0.00	88.12 2.85 0.00	86.51 2.81 0.00	83.44 2.56 0.00	77.82 2.49 0.00	63.92 1.92 0.00
ONEIDA___115KV_TB4 55905	193.23 3.98 0.00	144.50 3.17 0.00	141.15 3.25 0.00	138.33 3.54 0.00	141.83 3.80 0.00	136.19 4.34 0.00	135.06 4.90 0.00	176.23 7.02 0.00	97.86 3.83 0.00	129.82 4.81 -1.12	76.00 2.58 -0.57	68.77 2.13 -0.28	66.39 1.88 0.00	95.75 2.61 0.00	108.19 3.19 0.00	116.88 3.60 0.00	98.04 3.03 0.00	109.91 3.47 0.00	84.15 2.61 0.00	87.83 2.56 0.00	86.07 2.37 0.00	82.97 2.09 0.00	77.17 1.83 0.00	63.36 1.36 0.00
ONONDAGA_REF_OCCRA 23987	186.04 -3.21 0.00	138.92 -2.42 0.00	135.56 -2.33 0.00	132.60 -2.18 0.00	135.82 -2.21 0.00	129.98 -1.87 0.00	128.91 -1.51 -0.26	167.25 -1.96 0.00	92.54 -1.48 0.00	123.58 -2.29 -1.98	72.39 -1.49 -1.02	65.32 -1.54 -0.50	62.93 -1.58 0.00	91.00 -2.13 0.00	102.86 -2.14 0.00	110.94 -2.34 0.00	92.79 -2.22 0.00	104.38 -2.10 -0.03	80.02 -1.54 -0.01	83.49 -1.78 0.00	81.69 -2.01 0.00	78.73 -2.15 0.00	73.32 -2.02 0.00	60.31 -1.69 0.00
ONONDAGA___COGEN 23986	184.71 -4.54 0.00	137.98 -3.36 0.00	134.66 -3.24 0.00	131.75 -3.03 0.00	134.92 -3.11 0.00	129.16 -2.69 0.00	127.81 -2.35 0.00	165.95 -3.25 0.00	91.84 -2.18 0.00	120.66 -3.24 0.00	70.84 -2.02 0.00	64.35 -2.00 0.00	62.61 -1.90 0.00	90.55 -2.59 0.00	102.27 -2.73 0.00	110.69 -2.59 0.00	92.66 -2.35 0.00	104.06 -2.39 0.00	79.73 -1.82 0.00	83.16 -2.11 0.00	81.21 -2.49 0.00	78.24 -2.64 0.00	72.87 -2.47 0.00	59.92 -2.08 0.00
ONTARIO___LFGE 23819	185.52 -3.72 0.00	138.30 -3.04 0.00	134.79 -3.10 0.00	132.30 -2.48 0.00	135.22 -2.81 0.00	129.50 -2.34 0.00	128.60 -0.44 1.12	174.34 0.80 -4.34	109.71 -0.12 -15.81	119.33 -1.18 3.39	68.00 -0.63 4.22	62.74 -1.30 2.32	62.93 -1.57 0.00	91.20 -1.93 0.00	103.89 -1.10 0.00	110.79 -2.49 0.00	92.81 -2.19 0.00	104.30 -1.89 0.26	80.73 -0.73 0.09	84.32 -0.95 0.00	82.38 -1.32 0.00	79.47 -1.41 0.00	74.12 -1.22 0.00	61.07 -0.96 -0.03
ORANGEVILLE_WT_PWR 323706	179.56 -9.68 0.00	133.28 -8.06 0.00	130.06 -7.83 0.00	127.24 -7.54 0.00	129.62 -8.41 0.00	123.08 -8.77 0.00	120.48 -8.40 1.28	163.20 -10.51 -4.51	99.27 -6.11 -11.37	113.36 -9.21 1.32	61.65 -5.71 5.50	58.75 -6.10 1.51	58.35 -6.16 0.00	85.75 -7.39 0.00	97.49 -7.50 0.00	103.44 -9.84 0.00	85.41 -9.59 0.00	96.17 -10.10 0.18	74.71 -6.78 0.06	77.86 -7.41 0.00	76.27 -7.43 0.00	74.22 -6.66 0.00	69.69 -5.65 0.00	57.90 -4.05 0.06
ORANGEVILLE___ESR 323794	179.56 -9.68 0.00	133.28 -8.06 0.00	130.06 -7.83 0.00	127.24 -7.54 0.00	129.62 -8.41 0.00	123.08 -8.77 0.00	120.48 -8.40 1.28	163.20 -10.51 -4.51	99.27 -6.11 -11.37	113.36 -9.21 1.32	61.65 -5.71 5.50	58.75 -6.10 1.51	58.35 -6.16 0.00	85.75 -7.39 0.00	97.49 -7.50 0.00	103.44 -9.84 0.00	85.41 -9.59 0.00	96.17 -10.10 0.18	74.71 -6.78 0.06	77.86 -7.41 0.00	76.27 -7.43 0.00	74.22 -6.66 0.00	69.69 -5.65 0.00	57.90 -4.05 0.06
OSWEGATCHIE___HYD 24044	192.62 3.37 0.00	143.53 2.19 0.00	139.69 1.79 0.00	136.60 1.82 0.00	140.24 2.21 0.00	133.81 1.96 0.00	131.99 1.83 0.00	171.58 2.38 0.00	95.74 1.72 0.00	126.56 2.67 0.00	74.21 1.36 0.00	67.33 0.97 0.00	65.37 0.87 0.00	93.86 0.72 0.00	105.88 0.88 0.00	115.03 1.75 0.00	97.11 2.10 0.00	107.82 1.37 0.00	82.64 1.09 0.00	86.10 0.82 0.00	84.66 0.96 0.00	82.19 1.31 0.00	77.48 2.14 0.00	63.90 1.89 0.00
OSWEGO___5 23606	182.83 -6.42 0.00	136.57 -4.77 0.00	133.27 -4.63 0.00	130.35 -4.44 0.00	133.47 -4.56 0.00	127.63 -4.21 0.00	126.21 -3.95 0.00	163.82 -5.39 0.00	90.76 -3.26 0.00	119.32 -4.57 0.00	70.10 -2.76 0.00	63.71 -2.65 0.00	61.91 -2.59 0.00	89.46 -3.67 0.00	100.98 -4.01 0.00	108.85 -4.43 0.00	91.14 -3.87 0.00	102.39 -4.05 0.00	78.50 -3.05 0.00	81.96 -3.31 0.00	80.32 -3.38 0.00	77.52 -3.37 0.00	72.21 -3.12 0.00	59.45 -2.55 0.00

OSWEGO___6 23613	182.83 -6.42 0.00	136.57 -4.77 0.00	133.27 -4.63 0.00	130.35 -4.44 0.00	133.47 -4.56 0.00	127.63 -4.21 0.00	126.21 -3.95 0.00	163.82 -5.39 0.00	90.76 -3.26 0.00	119.32 -4.57 0.00	70.10 -2.76 0.00	63.71 -2.65 0.00	61.91 -2.59 0.00	89.46 -3.67 0.00	100.98 -4.01 0.00	108.85 -4.43 0.00	91.14 -3.87 0.00	102.39 -4.05 0.00	78.50 -3.05 0.00	81.96 -3.31 0.00	80.32 -3.38 0.00	77.52 -3.37 0.00	72.21 -3.12 0.00	59.45 -2.55 0.00
OUTOKUMPU-AB___DRP 24206	178.47 -10.77 0.00	132.08 -9.26 0.00	128.73 -9.17 0.00	125.60 -9.18 0.00	128.61 -9.42 0.00	123.14 -8.71 0.00	120.81 -8.53 0.82	157.98 -11.23 0.00	87.67 -6.35 0.00	110.10 -9.25 4.54	65.31 -5.21 2.33	59.51 -5.71 1.14	58.43 -6.07 0.00	85.75 -7.39 0.00	97.77 -7.22 0.00	104.46 -8.82 0.00	85.56 -9.45 0.00	96.02 -10.31 0.12	73.72 -7.78 0.04	76.01 -9.26 0.00	74.49 -9.20 0.00	72.57 -8.32 0.00	68.26 -7.07 0.00	56.96 -5.04 0.00
OXBOW___BTM 323836	175.89 -13.35 0.00	130.16 -11.18 0.00	126.85 -11.05 0.00	123.82 -10.97 0.00	126.82 -11.21 0.00	121.41 -10.44 0.00	119.69 -9.51 0.96	157.27 -11.94 0.00	80.30 -6.68 7.05	107.61 -9.83 6.45	60.89 -5.53 6.43	59.21 -6.01 1.14	58.14 -6.36 0.00	85.37 -7.76 0.00	97.34 -7.65 0.00	104.00 -9.27 0.00	85.19 -9.82 0.00	95.62 -10.71 0.12	73.33 -8.18 0.04	74.69 -10.58 0.00	73.26 -10.43 0.00	71.41 -9.47 0.00	67.20 -8.14 0.00	55.98 -5.90 0.12
OXBOW____ 24026	175.91 -13.34 0.00	130.15 -11.19 0.00	126.86 -11.04 0.00	123.82 -10.96 0.00	126.83 -11.19 0.00	121.43 -10.42 0.00	119.80 -9.55 0.81	157.25 -11.95 0.00	87.30 -6.73 0.00	109.58 -9.78 4.54	65.02 -5.51 2.33	59.24 -5.98 1.14	58.17 -6.33 0.00	85.37 -7.77 0.00	97.35 -7.64 0.00	104.00 -9.28 0.00	85.18 -9.83 0.00	95.60 -10.73 0.12	73.34 -8.17 0.04	74.69 -10.58 0.00	73.25 -10.44 0.00	71.41 -9.47 0.00	67.21 -8.13 0.00	56.11 -5.89 0.00
OXY_CHEM_DSASP 323612	174.17 -15.07 0.00	128.84 -12.49 0.00	125.56 -12.34 0.00	122.65 -12.13 0.00	125.68 -12.35 0.00	120.27 -11.57 0.00	117.34 -12.03 0.79	152.68 -16.52 0.00	84.76 -9.26 0.00	106.71 -12.91 4.27	63.37 -7.29 2.19	57.58 -7.70 1.07	56.49 -8.02 0.00	82.84 -10.30 0.00	94.65 -10.34 0.00	101.23 -12.05 0.00	82.90 -12.10 0.00	92.74 -13.60 0.11	71.16 -10.35 0.04	73.90 -11.37 0.00	72.32 -11.38 0.00	70.52 -10.36 0.00	66.40 -8.94 0.00	55.49 -6.51 0.00
OZONE_PARK_ESR 323760	195.98 6.73 0.00	147.08 5.73 0.00	143.27 5.38 0.00	140.13 5.35 0.00	143.66 5.63 0.00	138.32 6.47 0.00	147.10 8.04 -8.90	204.85 11.88 -23.76	158.49 6.20 -58.27	158.13 7.89 -26.35	77.40 4.46 -0.09	71.74 4.32 -1.07	68.88 4.37 0.00	98.55 5.42 0.00	110.52 5.53 0.00	118.91 5.63 0.00	100.25 5.24 0.00	113.89 7.44 0.00	87.43 5.88 0.00	91.15 5.88 0.00	89.38 5.68 0.00	85.71 4.83 0.00	79.33 3.99 0.00	64.94 2.94 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	174.17 -15.07 0.00	128.84 -12.49 0.00	125.56 -12.34 0.00	122.65 -12.13 0.00	125.68 -12.35 0.00	120.27 -11.57 0.00	117.34 -12.03 0.79	152.68 -16.52 0.00	84.76 -9.26 0.00	106.71 -12.91 4.27	63.37 -7.29 2.19	57.58 -7.70 1.07	56.49 -8.02 0.00	82.84 -10.30 0.00	94.65 -10.34 0.00	101.23 -12.05 0.00	82.90 -12.10 0.00	92.74 -13.60 0.11	71.16 -10.35 0.04	73.90 -11.37 0.00	72.32 -11.38 0.00	70.52 -10.36 0.00	66.40 -8.94 0.00	55.49 -6.51 0.00
PACKARD___115KV_DUPONT_184 80571	174.17 -15.07 0.00	128.84 -12.49 0.00	125.56 -12.34 0.00	122.65 -12.13 0.00	125.68 -12.35 0.00	120.27 -11.57 0.00	117.34 -12.03 0.79	152.68 -16.52 0.00	84.76 -9.26 0.00	106.71 -12.91 4.27	63.37 -7.29 2.19	57.58 -7.70 1.07	56.49 -8.02 0.00	82.84 -10.30 0.00	94.65 -10.34 0.00	101.23 -12.05 0.00	82.90 -12.10 0.00	92.74 -13.60 0.11	71.16 -10.35 0.04	73.90 -11.37 0.00	72.32 -11.38 0.00	70.52 -10.36 0.00	66.40 -8.94 0.00	55.49 -6.51 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	193.90 4.65 0.00	145.53 4.19 0.00	141.91 4.01 0.00	138.80 4.01 0.00	142.32 4.29 0.00	137.01 5.16 0.00	145.71 6.65 -8.90	202.76 9.79 -23.76	157.44 5.14 -58.27	156.79 6.46 -26.44	76.46 3.52 -0.09	71.02 3.60 -1.07	68.18 3.67 0.00	97.61 4.48 0.00	109.53 4.54 0.00	117.79 4.51 0.00	99.23 4.22 0.00	112.68 6.23 0.00	86.47 4.93 0.00	90.14 4.87 0.00	88.49 4.79 0.00	84.91 4.03 0.00	78.65 3.31 0.00	64.53 2.52 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	194.94 5.69 0.00	146.44 5.10 0.00	142.86 4.96 0.00	139.74 4.96 0.00	143.27 5.24 0.00	138.00 6.15 0.00	146.74 7.67 -8.90	203.95 10.98 -23.76	157.87 5.57 -58.27	157.20 6.86 -26.44	76.62 3.67 -0.09	71.31 3.89 -1.07	68.44 3.94 0.00	98.04 4.91 0.00	110.01 5.01 0.00	118.21 4.93 0.00	99.56 4.55 0.00	113.09 6.64 0.00	86.87 5.32 0.00	90.46 5.19 0.00	88.76 5.06 0.00	85.17 4.29 0.00	78.85 3.51 0.00	64.56 2.56 0.00
PATROON___115KV_TB1 80586	195.46 6.21 0.00	146.61 5.27 0.00	143.16 5.26 0.00	140.14 5.36 0.00	143.39 5.36 0.00	136.75 4.90 0.00	197.28 5.07 -62.06	338.55 6.33 -163.02	493.01 3.33 -395.66	308.38 4.29 -180.19	76.00 2.51 -0.64	76.21 2.55 -7.30	67.10 2.60 0.00	96.29 3.15 0.00	107.97 2.97 0.00	115.44 2.16 0.00	97.09 2.08 0.00	109.71 3.27 0.00	84.31 2.76 0.00	87.90 2.63 0.00	86.22 2.52 0.00	83.02 2.13 0.00	77.67 2.33 0.00	64.15 2.15 0.00
PATTRSNVILLE___SOLAR 323815	196.87 7.63 0.00	147.32 5.99 0.00	143.82 5.92 0.00	140.70 5.91 0.00	143.99 5.96 0.00	137.94 6.09 0.00	239.07 6.47 -102.44	450.28 8.78 -272.29	763.64 4.70 -664.92	431.60 5.91 -301.80	77.01 3.09 -1.07	81.28 2.71 -12.21	67.06 2.56 0.00	96.47 3.33 0.00	108.59 3.59 0.00	117.75 4.47 0.00	98.92 3.91 0.00	111.62 5.17 0.00	85.60 4.05 0.00	89.27 4.00 0.00	87.49 3.79 0.00	84.35 3.47 0.00	78.43 3.09 0.00	64.42 2.42 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	181.80 -7.44 0.00	134.68 -6.66 0.00	131.22 -6.67 0.00	128.04 -6.74 0.00	130.89 -7.14 0.00	125.17 -6.68 0.00	122.45 -6.77 0.94	160.47 -8.73 0.00	88.81 -5.21 0.00	110.88 -7.70 5.32	65.80 -4.33 2.73	60.28 -4.74 1.34	59.54 -4.96 0.00	87.28 -5.85 0.00	99.40 -5.59 0.00	106.12 -7.16 0.00	87.04 -7.97 0.00	97.76 -8.55 0.13	75.21 -6.29 0.05	78.16 -7.11 0.00	76.49 -7.21 0.00	74.40 -6.48 0.00	69.93 -5.40 0.00	58.17 -3.83 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	197.48 8.24 0.00	148.09 6.75 0.00	144.42 6.53 0.00	141.37 6.59 0.00	144.83 6.80 0.00	139.28 7.44 0.00	147.97 8.63 -9.18	205.88 12.22 -24.45	160.54 6.49 -60.04	159.31 8.30 -27.11	77.48 4.53 -0.10	71.79 4.34 -1.09	68.83 4.33 0.00	98.60 5.47 0.00	110.50 5.50 0.00	118.93 5.65 0.00	100.30 5.30 0.00	113.96 7.51 0.00	87.50 5.95 0.00	91.20 5.93 0.00	89.41 5.72 0.00	85.82 4.94 0.00	79.48 4.14 0.00	65.03 3.03 0.00
PEEKSKILL____ 23653	194.01 4.76 0.00	145.60 4.26 0.00	142.00 4.10 0.00	138.99 4.21 0.00	142.39 4.36 0.00	136.92 5.07 0.00	145.22 6.25 -8.81	201.87 9.16 -23.51	156.40 4.73 -57.65	155.88 5.93 -26.06	76.18 3.24 -0.09	70.62 3.22 -1.05	67.71 3.21 0.00	97.01 3.87 0.00	108.77 3.77 0.00	117.02 3.74 0.00	98.66 3.65 0.00	112.00 5.56 0.00	85.96 4.41 0.00	89.62 4.35 0.00	87.94 4.24 0.00	84.42 3.54 0.00	78.22 2.88 0.00	64.09 2.09 0.00

PGE MADISON___WINDPWR 24146	200.57 11.33 0.00	150.33 8.99 0.00	147.07 9.17 0.00	144.55 9.77 0.00	149.16 11.13 0.00	143.69 11.84 0.00	150.28 12.68 -7.43	203.01 17.58 -16.22	145.30 9.54 -41.74	162.99 11.65 -27.45	85.10 6.55 -5.70	74.78 5.45 -2.97	68.88 4.37 0.00	99.34 6.21 0.00	113.54 8.55 0.00	120.78 7.50 0.00	99.19 4.19 0.00	112.01 5.37 -0.19	85.23 3.61 -0.07	89.68 4.41 0.00	89.06 5.36 0.00	86.08 5.20 0.00	80.08 4.74 0.00	66.01 3.97 -0.03
PIERCEFIELD___HYD 23852	193.55 4.31 0.00	143.85 2.51 0.00	140.02 2.13 0.00	136.52 1.74 0.00	139.42 1.39 0.00	131.98 0.13 0.00	129.88 -0.28 0.00	168.38 -0.83 0.00	94.00 -0.02 0.00	124.82 0.93 0.00	73.57 0.71 0.00	66.77 0.41 0.00	64.80 0.30 0.00	93.77 0.64 0.00	106.24 1.24 0.00	114.87 1.59 0.00	96.24 1.24 0.00	106.10 -0.35 0.00	81.13 -0.42 0.00	84.92 -0.35 0.00	83.54 -0.16 0.00	81.58 0.70 0.00	77.21 1.87 0.00	63.86 1.87 0.00
PINELAWN_CC_1 323563	196.09 6.84 0.00	148.23 6.89 0.00	144.09 6.19 0.00	141.20 6.41 0.00	145.26 7.23 0.00	140.05 8.20 0.00	148.50 9.44 -8.90	205.74 12.78 -23.75	158.57 6.29 -58.26	162.18 7.94 -30.35	110.59 5.20 -32.53	104.65 5.13 -33.16	111.25 5.17 -41.57	99.51 6.38 0.00	110.85 5.86 0.00	119.41 6.13 0.00	101.22 6.21 0.00	121.36 9.06 -5.85	88.25 6.71 0.00	91.91 6.64 0.00	90.02 6.32 0.00	86.14 5.26 0.00	80.10 4.76 0.00	65.64 3.64 0.00
PJM_GEN_HTP_PROXY 323702	194.23 4.98 0.00	145.81 4.48 0.00	142.10 4.20 0.00	139.06 4.28 0.00	142.53 4.51 0.00	137.16 5.32 0.00	145.75 6.69 -8.90	202.88 9.91 -23.76	157.44 5.15 -58.27	156.79 6.55 -26.34	76.62 3.67 -0.09	71.06 3.63 -1.07	68.19 3.69 0.00	97.61 4.47 0.00	109.44 4.45 0.00	113.04 4.47 4.72	99.24 4.23 0.00	112.70 6.25 0.00	86.48 4.93 0.00	90.14 4.87 0.00	88.41 4.71 0.00	84.80 3.92 0.00	78.56 3.22 0.00	64.36 2.36 0.00
PJM_GEN_KEystone 24065	61.54 -4.30 123.41	45.76 -3.08 92.49	37.25 -3.13 97.52	41.17 -2.86 90.75	41.90 -3.10 93.03	92.62 -2.46 36.77	95.22 -1.91 33.03	187.39 -1.64 -19.83	105.73 -1.55 -13.25	41.82 -2.66 79.42	-4.63 -1.67 75.81	-3.49 -1.47 68.38	38.03 -1.32 25.15	48.59 -1.95 42.59	102.33 -2.17 0.49	83.48 -3.10 26.71	54.83 -2.98 37.20	96.89 -2.41 7.14	68.51 -1.69 11.35	56.60 -2.00 26.67	37.13 -2.06 44.51	33.58 -2.11 45.19	27.25 -1.91 46.17	29.48 -1.54 30.98
PJM_GEN_NEPTUNE_PROXY 323594	194.33 5.08 0.00	146.58 5.24 0.00	142.59 4.70 0.00	139.74 4.95 0.00	143.56 5.53 0.00	138.29 6.44 0.00	146.68 7.62 -8.90	203.38 10.42 -23.75	157.42 5.14 -58.26	159.82 6.52 -29.41	101.88 4.11 -24.92	90.15 4.13 -19.66	91.59 4.20 -22.90	98.19 5.05 0.00	109.60 4.61 0.00	113.30 4.74 4.72	99.81 4.80 0.00	116.79 7.23 -3.11	86.91 5.36 0.00	90.56 5.29 0.00	88.75 5.06 0.00	84.99 4.11 0.00	79.01 3.67 0.00	64.79 2.78 0.00
PJM_GEN_VFT_PROXY 323633	192.65 5.08 0.00	144.63 3.29 0.00	140.98 3.08 0.00	137.95 3.17 0.00	141.43 3.40 0.00	136.10 4.25 0.00	144.81 5.75 -8.90	201.82 8.85 -23.76	156.73 4.43 -58.27	155.02 5.59 -25.54	69.19 3.09 6.76	62.73 3.12 6.74	50.28 3.18 17.41	93.64 3.73 3.22	108.69 3.70 0.00	112.15 3.58 4.72	98.55 3.55 0.00	111.98 5.53 0.00	85.96 4.41 0.00	89.58 4.31 0.00	87.89 4.19 0.00	84.28 3.40 0.00	78.04 2.70 0.00	63.93 1.93 0.00
PLATSBURG_115KV_PMLD1 355749	195.31 6.07 0.00	145.63 4.29 0.00	142.06 4.16 0.00	138.68 3.90 0.00	141.66 3.63 0.00	134.10 2.25 0.00	132.06 1.90 0.00	170.61 1.40 0.00	95.05 1.03 0.00	125.28 1.38 0.00	73.70 0.85 0.00	67.02 0.66 0.00	64.84 0.33 0.00	93.32 0.18 0.00	105.56 0.56 0.00	115.70 2.42 0.00	97.33 2.32 0.00	106.78 0.33 0.00	81.76 0.21 0.00	85.62 0.35 0.00	84.17 0.48 0.00	81.76 0.88 0.00	76.24 0.91 0.00	63.25 1.25 0.00
PLEASANTVLY___LBMP 24000	194.45 5.21 0.00	145.89 4.55 0.00	142.31 4.41 0.00	139.31 4.53 0.00	142.72 4.69 0.00	137.03 5.18 0.00	145.74 6.19 -9.39	203.11 8.81 -25.09	160.15 4.60 -61.53	157.57 5.84 -27.83	76.05 3.10 -0.10	70.56 3.08 -1.13	67.61 3.11 0.00	96.90 3.77 0.00	108.66 3.66 0.00	116.95 3.67 0.00	98.54 3.53 0.00	111.79 5.35 0.00	85.82 4.27 0.00	89.48 4.21 0.00	87.80 4.10 0.00	84.37 3.49 0.00	78.24 2.91 0.00	64.14 2.14 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	194.93 5.68 0.00	146.20 4.86 0.00	142.54 4.64 0.00	139.47 4.69 0.00	142.94 4.91 0.00	137.41 5.56 0.00	145.88 6.77 -8.96	203.00 9.89 -23.91	157.82 5.17 -58.63	157.00 6.60 -26.50	76.57 3.62 -0.09	70.95 3.52 -1.07	68.04 3.54 0.00	97.45 4.31 0.00	109.26 4.27 0.00	117.58 4.30 0.00	99.12 4.12 0.00	112.53 6.08 0.00	86.39 4.84 0.00	90.03 4.76 0.00	88.35 4.66 0.00	84.78 3.90 0.00	78.54 3.20 0.00	64.36 2.36 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	194.93 5.68 0.00	146.20 4.86 0.00	142.54 4.64 0.00	139.47 4.69 0.00	142.94 4.91 0.00	137.41 5.56 0.00	145.88 6.77 -8.96	203.00 9.89 -23.91	157.82 5.17 -58.63	157.00 6.60 -26.50	76.57 3.62 -0.09	70.95 3.52 -1.07	68.04 3.54 0.00	97.45 4.31 0.00	109.26 4.27 0.00	117.58 4.30 0.00	99.12 4.12 0.00	112.53 6.08 0.00	86.39 4.84 0.00	90.03 4.76 0.00	88.35 4.66 0.00	84.78 3.90 0.00	78.54 3.20 0.00	64.36 2.36 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	196.67 7.42 0.00	147.48 6.14 0.00	143.79 5.89 0.00	140.54 5.76 0.00	144.20 6.17 0.00	138.51 6.66 0.00	147.91 7.73 -10.01	206.74 10.87 -26.66	165.42 5.81 -65.59	160.92 7.40 -29.62	76.99 4.03 -0.10	71.43 3.87 -1.20	68.31 3.81 0.00	97.87 4.73 0.00	109.69 4.70 0.00	118.19 4.91 0.00	99.63 4.63 0.00	113.12 6.68 0.00	86.87 5.32 0.00	90.55 5.28 0.00	88.79 5.09 0.00	85.29 4.41 0.00	79.02 3.68 0.00	64.72 2.72 0.00
POLETTI___ 23519	193.37 4.12 0.00	145.16 3.82 0.00	141.46 3.56 0.00	138.39 3.61 0.00	141.86 3.83 0.00	136.56 4.71 0.00	145.22 6.16 -8.90	202.23 9.26 -23.76	157.10 4.80 -58.27	156.31 6.08 -26.35	76.37 3.42 -0.09	70.83 3.41 -1.07	68.10 3.59 0.00	97.43 4.30 0.00	109.24 4.25 0.00	117.49 4.21 0.00	98.92 3.91 0.00	112.34 5.89 0.00	86.21 4.66 0.00	89.86 4.58 0.00	88.16 4.46 0.00	84.56 3.67 0.00	78.29 2.95 0.00	64.13 2.13 0.00
POMONA___ESR 323819	193.28 4.04 0.00	145.06 3.72 0.00	141.51 3.62 0.00	138.50 3.71 0.00	141.86 3.84 0.00	136.43 4.58 0.00	144.47 5.75 -8.55	200.57 8.54 -22.82	154.36 4.38 -55.96	154.64 5.46 -25.29	75.87 2.93 -0.09	70.30 2.92 -1.02	67.42 2.91 0.00	96.58 3.45 0.00	108.37 3.37 0.00	116.53 3.25 0.00	98.26 3.25 0.00	111.54 5.10 0.00	85.61 4.06 0.00	89.25 3.98 0.00	87.63 3.94 0.00	84.15 3.27 0.00	77.92 2.59 0.00	63.85 1.85 0.00
PORT_JEFF_3 23555	196.29 7.05 0.00	149.08 7.74 0.00	144.67 6.78 0.00	141.79 7.01 0.00	146.24 8.21 0.00	141.07 9.21 0.00	149.27 10.21 -8.90	206.42 13.46 -23.75	158.97 6.69 -58.26	162.71 8.47 -30.35	111.06 5.67 -32.53	105.26 5.73 -33.16	111.85 5.77 -41.57	100.23 7.10 0.00	111.48 6.48 0.00	120.08 6.80 0.00	101.67 6.67 0.00	122.04 9.74 -5.85	88.46 6.92 0.00	92.06 6.79 0.00	90.10 6.40 0.00	86.06 5.18 0.00	80.18 4.85 0.00	65.73 3.73 0.00

RAVENSWOOD_GT2_2 24245	194.18 4.94 0.00	145.72 4.38 0.00	142.05 4.16 0.00	139.02 4.24 0.00	142.49 4.46 0.00	137.12 5.27 0.00	145.74 6.68 -8.90	202.94 9.97 -23.76	157.48 5.18 -58.27	156.83 6.59 -26.35	76.62 3.67 -0.09	71.06 3.64 -1.07	68.21 3.70 0.00	97.61 4.47 0.00	109.45 4.45 0.00	117.75 4.47 0.00	99.25 4.24 0.00	112.70 6.25 0.00	86.49 4.94 0.00	90.16 4.88 0.00	88.44 4.75 0.00	84.85 3.97 0.00	78.57 3.23 0.00	64.37 2.37 0.00
RAVENSWOOD_GT2_3 24246	194.31 5.07 0.00	145.85 4.51 0.00	142.15 4.25 0.00	139.07 4.29 0.00	142.56 4.53 0.00	137.23 5.38 0.00	145.85 6.79 -8.90	203.04 10.07 -23.76	157.53 5.24 -58.28	156.90 6.66 -26.35	76.68 3.73 -0.09	71.10 3.68 -1.07	68.23 3.73 0.00	97.66 4.53 0.00	109.51 4.52 0.00	117.81 4.53 0.00	99.31 4.30 0.00	112.77 6.33 0.00	86.54 4.99 0.00	90.20 4.93 0.00	88.50 4.80 0.00	84.88 4.00 0.00	78.62 3.28 0.00	64.43 2.43 0.00
RAVENSWOOD_GT2_4 24247	194.31 5.07 0.00	145.85 4.51 0.00	142.15 4.25 0.00	139.07 4.29 0.00	142.56 4.53 0.00	137.23 5.38 0.00	145.85 6.79 -8.90	203.04 10.07 -23.76	157.53 5.24 -58.28	156.90 6.66 -26.35	76.68 3.73 -0.09	71.10 3.68 -1.07	68.23 3.73 0.00	97.66 4.53 0.00	109.51 4.52 0.00	117.81 4.53 0.00	99.31 4.30 0.00	112.77 6.33 0.00	86.54 4.99 0.00	90.20 4.93 0.00	88.50 4.80 0.00	84.88 4.00 0.00	78.62 3.28 0.00	64.43 2.43 0.00
RAVENSWOOD_GT3_1 24248	194.20 4.95 0.00	145.73 4.40 0.00	142.05 4.16 0.00	139.02 4.24 0.00	142.49 4.46 0.00	137.12 5.27 0.00	145.75 6.69 -8.90	202.94 9.97 -23.76	157.48 5.18 -58.27	156.83 6.59 -26.35	76.62 3.67 -0.09	71.07 3.65 -1.07	68.21 3.70 0.00	97.61 4.47 0.00	109.45 4.46 0.00	117.75 4.47 0.00	99.25 4.24 0.00	112.70 6.25 0.00	86.49 4.94 0.00	90.17 4.89 0.00	88.44 4.75 0.00	84.86 3.97 0.00	78.58 3.24 0.00	64.37 2.37 0.00
RAVENSWOOD_GT3_2 24249	194.20 4.95 0.00	145.73 4.40 0.00	142.05 4.16 0.00	139.02 4.24 0.00	142.49 4.46 0.00	137.12 5.27 0.00	145.75 6.69 -8.90	202.94 9.97 -23.76	157.48 5.18 -58.27	156.83 6.59 -26.35	76.62 3.67 -0.09	71.07 3.65 -1.07	68.21 3.70 0.00	97.61 4.47 0.00	109.45 4.46 0.00	117.75 4.47 0.00	99.25 4.24 0.00	112.70 6.25 0.00	86.49 4.94 0.00	90.17 4.89 0.00	88.44 4.75 0.00	84.86 3.97 0.00	78.58 3.24 0.00	64.37 2.37 0.00
RAVENSWOOD_GT3_3 24250	194.49 5.24 0.00	145.96 4.62 0.00	142.26 4.36 0.00	139.18 4.40 0.00	142.67 4.65 0.00	137.33 5.48 0.00	145.99 6.93 -8.90	203.21 10.24 -23.76	157.63 5.34 -58.27	157.03 6.79 -26.35	76.77 3.82 -0.09	71.16 3.74 -1.07	68.30 3.80 0.00	97.76 4.63 0.00	109.63 4.63 0.00	117.96 4.68 0.00	99.42 4.41 0.00	112.91 6.46 0.00	86.63 5.08 0.00	90.32 5.05 0.00	88.59 4.89 0.00	84.97 4.08 0.00	78.70 3.36 0.00	64.47 2.47 0.00
RAVENSWOOD_GT3_4 24251	194.49 5.24 0.00	145.96 4.62 0.00	142.26 4.36 0.00	139.18 4.40 0.00	142.67 4.65 0.00	137.33 5.48 0.00	145.99 6.93 -8.90	203.21 10.24 -23.76	157.63 5.34 -58.27	157.03 6.79 -26.35	76.77 3.82 -0.09	71.16 3.74 -1.07	68.30 3.80 0.00	97.76 4.63 0.00	109.63 4.63 0.00	117.96 4.68 0.00	99.42 4.41 0.00	112.91 6.46 0.00	86.63 5.08 0.00	90.32 5.05 0.00	88.59 4.89 0.00	84.97 4.08 0.00	78.70 3.36 0.00	64.47 2.47 0.00
RAVENSWOOD_GT_1 23729	194.33 5.08 0.00	145.85 4.51 0.00	142.10 4.20 0.00	139.02 4.24 0.00	142.52 4.49 0.00	137.24 5.39 0.00	145.95 6.89 -8.90	203.29 10.32 -23.76	157.72 5.42 -58.27	157.57 6.86 -26.82	76.80 3.85 -0.09	71.23 3.80 -1.07	68.37 3.86 0.00	97.84 4.70 0.00	109.73 4.74 0.00	118.04 4.75 0.00	99.47 4.46 0.00	112.92 6.48 0.00	86.68 5.13 0.00	90.39 5.12 0.00	88.68 4.99 0.00	85.05 4.17 0.00	78.70 3.36 0.00	64.50 2.50 0.00
RAVENSWOOD_GT_10 24258	194.23 4.98 0.00	145.81 4.48 0.00	142.06 4.17 0.00	139.03 4.25 0.00	142.52 4.49 0.00	137.16 5.31 0.00	145.77 6.70 -8.90	202.96 9.98 -23.76	157.48 5.18 -58.28	156.94 6.61 -26.44	76.62 3.67 -0.09	71.07 3.65 -1.07	68.21 3.70 0.00	97.61 4.48 0.00	109.45 4.46 0.00	117.75 4.47 0.00	99.26 4.26 0.00	112.72 6.28 0.00	86.50 4.95 0.00	90.17 4.89 0.00	88.45 4.75 0.00	84.86 3.97 0.00	78.60 3.26 0.00	64.40 2.40 0.00
RAVENSWOOD_GT_11 24259	194.23 4.98 0.00	145.81 4.48 0.00	142.06 4.17 0.00	139.03 4.25 0.00	142.52 4.49 0.00	137.16 5.31 0.00	145.77 6.70 -8.90	202.96 9.98 -23.76	157.48 5.18 -58.28	156.94 6.61 -26.44	76.62 3.67 -0.09	71.07 3.65 -1.07	68.21 3.70 0.00	97.61 4.48 0.00	109.45 4.46 0.00	117.75 4.47 0.00	99.26 4.26 0.00	112.72 6.28 0.00	86.50 4.95 0.00	90.17 4.89 0.00	88.45 4.75 0.00	84.86 3.97 0.00	78.60 3.26 0.00	64.40 2.40 0.00
RAVENSWOOD_GT_4 24252	194.21 4.97 0.00	145.80 4.46 0.00	142.08 4.18 0.00	139.04 4.26 0.00	142.52 4.49 0.00	137.13 5.28 0.00	145.75 6.69 -8.90	202.94 9.97 -23.76	157.48 5.18 -58.27	156.36 6.56 -25.91	76.62 3.67 -0.09	71.05 3.63 -1.07	68.21 3.70 0.00	97.61 4.47 0.00	109.45 4.46 0.00	117.75 4.47 0.00	99.25 4.24 0.00	112.71 6.27 0.00	86.49 4.94 0.00	90.16 4.89 0.00	88.44 4.75 0.00	84.85 3.96 0.00	78.60 3.26 0.00	64.39 2.39 0.00
RAVENSWOOD_GT_5 24254	194.21 4.97 0.00	145.80 4.46 0.00	142.08 4.18 0.00	139.04 4.26 0.00	142.52 4.49 0.00	137.13 5.28 0.00	145.75 6.69 -8.90	202.94 9.97 -23.76	157.48 5.18 -58.27	156.36 6.56 -25.91	76.62 3.67 -0.09	71.05 3.63 -1.07	68.21 3.70 0.00	97.61 4.47 0.00	109.45 4.46 0.00	117.75 4.47 0.00	99.25 4.24 0.00	112.71 6.27 0.00	86.49 4.94 0.00	90.16 4.89 0.00	88.44 4.75 0.00	84.85 3.96 0.00	78.60 3.26 0.00	64.39 2.39 0.00
RAVENSWOOD_GT_6 24253	194.21 4.97 0.00	145.80 4.46 0.00	142.08 4.18 0.00	139.04 4.26 0.00	142.52 4.49 0.00	137.13 5.28 0.00	145.75 6.69 -8.90	202.94 9.97 -23.76	157.48 5.18 -58.27	156.36 6.56 -25.91	76.62 3.67 -0.09	71.05 3.63 -1.07	68.21 3.70 0.00	97.61 4.47 0.00	109.45 4.46 0.00	117.75 4.47 0.00	99.25 4.24 0.00	112.71 6.27 0.00	86.49 4.94 0.00	90.16 4.89 0.00	88.44 4.75 0.00	84.85 3.96 0.00	78.60 3.26 0.00	64.39 2.39 0.00
RAVENSWOOD_GT_7 24255	194.21 4.97 0.00	145.80 4.46 0.00	142.08 4.18 0.00	139.04 4.26 0.00	142.52 4.49 0.00	137.13 5.28 0.00	145.75 6.69 -8.90	202.94 9.97 -23.76	157.48 5.18 -58.27	156.36 6.56 -25.91	76.62 3.67 -0.09	71.05 3.63 -1.07	68.21 3.70 0.00	97.61 4.47 0.00	109.45 4.46 0.00	117.75 4.47 0.00	99.25 4.24 0.00	112.71 6.27 0.00	86.49 4.94 0.00	90.16 4.89 0.00	88.44 4.75 0.00	84.85 3.96 0.00	78.60 3.26 0.00	64.39 2.39 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	194.23 4.98 0.00	145.81 4.48 0.00	142.06 4.17 0.00	139.03 4.25 0.00	142.52 4.49 0.00	137.16 5.31 0.00	145.77 6.70 -8.90	202.96 9.98 -23.76	157.48 5.18 -58.28	156.94 6.61 -26.44	76.62 3.67 -0.09	71.07 3.65 -1.07	68.21 3.70 0.00	97.61 4.48 0.00	109.45 4.46 0.00	117.75 4.47 0.00	99.26 4.26 0.00	112.72 6.28 0.00	86.50 4.95 0.00	90.17 4.89 0.00	88.45 4.75 0.00	84.86 3.97 0.00	78.60 3.26 0.00	64.40 2.40 0.00

RAVENSWOOD_GT_9 24257	194.23 4.98 0.00	145.81 4.48 0.00	142.06 4.17 0.00	139.03 4.25 0.00	142.52 4.49 0.00	137.16 5.31 0.00	145.77 6.70 -8.90	202.96 9.98 -23.76	157.48 5.18 -58.28	156.94 6.61 -26.44	76.62 3.67 -0.09	71.07 3.65 -1.07	68.21 3.70 0.00	97.61 4.48 0.00	109.45 4.46 0.00	117.75 4.47 0.00	99.26 4.26 0.00	112.72 6.28 0.00	86.50 4.95 0.00	90.17 4.89 0.00	88.45 4.75 0.00	84.86 3.97 0.00	78.60 3.26 0.00	64.40 2.40 0.00
RAVENSWOOD___1 23533	194.06 4.81 0.00	145.68 4.35 0.00	141.94 4.04 0.00	138.89 4.11 0.00	142.38 4.35 0.00	137.07 5.22 0.00	145.76 6.70 -8.90	203.00 10.03 -23.76	157.54 5.24 -58.27	157.53 6.63 -27.01	76.66 3.71 -0.09	71.11 3.69 -1.07	68.24 3.74 0.00	97.66 4.53 0.00	109.52 4.53 0.00	117.83 4.55 0.00	99.30 4.29 0.00	112.77 6.33 0.00	86.55 5.00 0.00	90.22 4.94 0.00	88.52 4.82 0.00	84.91 4.03 0.00	78.58 3.24 0.00	64.37 2.37 0.00
RAVENSWOOD___2 23534	194.06 4.81 0.00	145.68 4.35 0.00	141.94 4.04 0.00	138.89 4.11 0.00	142.38 4.35 0.00	137.07 5.22 0.00	145.76 6.70 -8.90	203.00 10.03 -23.76	157.54 5.24 -58.27	157.53 6.63 -27.01	76.66 3.71 -0.09	71.11 3.69 -1.07	68.24 3.74 0.00	97.66 4.53 0.00	109.52 4.53 0.00	117.83 4.55 0.00	99.30 4.29 0.00	112.77 6.33 0.00	86.55 5.00 0.00	90.22 4.94 0.00	88.52 4.82 0.00	84.91 4.03 0.00	78.58 3.24 0.00	64.37 2.37 0.00
RAVENSWOOD___3 23535	194.21 4.96 0.00	145.78 4.44 0.00	142.07 4.17 0.00	139.02 4.24 0.00	142.51 4.48 0.00	137.14 5.29 0.00	145.76 6.70 -8.90	202.97 10.00 -23.76	157.47 5.17 -58.27	156.80 6.56 -26.35	76.63 3.68 -0.09	71.08 3.65 -1.07	68.20 3.70 0.00	97.61 4.48 0.00	109.46 4.46 0.00	117.75 4.47 0.00	99.25 4.25 0.00	112.72 6.28 0.00	86.50 4.95 0.00	90.17 4.90 0.00	88.45 4.75 0.00	84.86 3.98 0.00	78.60 3.26 0.00	64.37 2.37 0.00
RAVENSWOOD___4 23820	194.06 4.81 0.00	145.68 4.35 0.00	141.94 4.04 0.00	138.89 4.11 0.00	142.38 4.35 0.00	137.07 5.22 0.00	145.76 6.70 -8.90	203.00 10.03 -23.76	157.54 5.24 -58.27	157.53 6.63 -27.01	76.66 3.71 -0.09	71.11 3.69 -1.07	68.24 3.74 0.00	97.66 4.53 0.00	109.52 4.53 0.00	117.83 4.55 0.00	99.30 4.29 0.00	112.77 6.33 0.00	86.55 5.00 0.00	90.22 4.94 0.00	88.52 4.82 0.00	84.91 4.03 0.00	78.58 3.24 0.00	64.37 2.37 0.00
RCPL_TRUST___DRP 24196	194.49 5.24 0.00	145.98 4.64 0.00	142.26 4.36 0.00	139.18 4.40 0.00	142.68 4.66 0.00	137.36 5.51 0.00	145.99 6.93 -8.90	203.21 10.24 -23.76	157.65 5.36 -58.27	157.15 6.84 -26.41	76.79 3.85 -0.09	71.21 3.79 -1.07	68.36 3.85 0.00	97.84 4.71 0.00	109.71 4.72 0.00	118.01 4.73 0.00	99.49 4.48 0.00	112.95 6.51 0.00	86.67 5.12 0.00	90.35 5.07 0.00	88.60 4.91 0.00	84.97 4.08 0.00	78.70 3.36 0.00	64.50 2.49 0.00
RED___ROCHESTER 323720	183.45 -5.79 0.00	136.30 -5.04 0.00	132.86 -5.04 0.00	129.82 -4.96 0.00	133.01 -5.02 0.00	127.51 -4.34 0.00	125.55 -4.03 0.58	163.76 -5.44 0.00	87.01 -3.23 3.78	115.42 -4.97 3.50	66.57 -2.81 3.47	62.59 -3.15 0.62	61.16 -3.34 0.00	89.19 -3.95 0.00	101.23 -3.77 0.00	108.65 -4.63 0.00	90.06 -4.94 0.00	101.22 -5.16 0.06	77.68 -3.84 0.02	80.87 -4.40 0.00	79.05 -4.65 0.00	76.51 -4.37 0.00	71.46 -3.88 0.00	59.04 -2.90 0.07
REGAN___SOLAR 323812	202.69 13.44 0.00	151.41 10.07 0.00	147.70 9.80 0.00	144.37 9.59 0.00	147.86 9.83 0.00	142.02 10.17 0.00	236.75 10.84 -95.74	438.51 14.81 -254.50	723.39 7.88 -621.49	415.86 9.88 -282.08	78.77 4.92 -0.99	81.42 3.65 -11.41	67.96 3.46 0.00	97.80 4.67 0.00	110.60 5.60 0.00	121.28 8.00 0.00	102.02 7.01 0.00	115.16 8.71 0.00	88.17 6.62 0.00	91.88 6.61 0.00	89.90 6.20 0.00	86.68 5.79 0.00	80.47 5.13 0.00	65.99 3.99 0.00
RENSSELAER___COGEN 23796	194.39 5.15 0.00	145.83 4.49 0.00	142.43 4.53 0.00	139.48 4.70 0.00	142.68 4.65 0.00	135.98 4.13 0.00	183.47 4.16 -49.16	292.83 4.99 -118.63	388.15 2.47 -291.66	251.49 3.18 -124.41	75.17 1.89 -0.42	73.25 2.02 -4.88	66.56 2.05 0.00	95.50 2.37 0.00	107.01 2.02 0.00	114.31 1.03 0.00	96.18 1.18 0.00	108.68 2.23 0.00	83.54 2.00 0.00	87.12 1.85 0.00	85.47 1.77 0.00	82.31 1.43 0.00	77.09 1.75 0.00	63.77 1.77 0.00
REPUBLIC_115KV_BARTNBRK 55605	214.51 25.26 0.00	160.81 19.46 0.00	156.39 18.49 0.00	153.84 19.06 0.00	157.87 19.84 0.00	151.01 19.16 0.00	246.10 20.65 -95.30	451.16 27.24 -254.71	730.63 14.02 -622.59	423.21 16.34 -282.98	82.20 8.35 -1.00	86.38 8.54 -11.48	72.43 7.92 0.00	103.70 10.57 0.00	116.66 11.66 0.00	126.57 13.29 0.00	106.11 11.11 0.00	122.20 15.76 0.00	94.20 12.65 0.00	98.04 12.77 0.00	95.94 12.24 0.00	92.06 11.18 0.00	85.57 10.23 0.00	70.27 8.27 0.00
REVERE_CPDR_DRP 24186	195.45 6.20 0.00	146.11 4.77 0.00	142.59 4.69 0.00	139.72 4.94 0.00	143.31 5.28 0.00	137.78 5.93 0.00	136.69 6.53 0.00	178.52 9.32 0.00	99.25 5.23 0.00	130.64 6.75 0.00	76.51 3.66 0.00	69.50 3.14 0.00	67.37 2.87 0.00	97.06 3.93 0.00	109.64 4.64 0.00	118.52 5.24 0.00	99.63 4.62 0.00	111.77 5.32 0.00	85.55 4.00 0.00	89.20 3.93 0.00	87.41 3.71 0.00	84.24 3.36 0.00	78.37 3.03 0.00	64.30 2.30 0.00
REYNOLDS_115KV_TB3 80639	195.36 6.12 0.00	146.52 5.18 0.00	143.08 5.18 0.00	140.14 5.36 0.00	143.40 5.37 0.00	136.87 5.02 0.00	190.77 5.18 -55.42	331.09 7.11 -154.78	478.54 3.86 -380.66	304.01 5.10 -175.02	76.19 2.71 -0.62	76.25 2.76 -7.13	67.31 2.81 0.00	96.68 3.54 0.00	108.40 3.41 0.00	116.35 3.08 0.00	97.75 2.75 0.00	110.59 4.15 0.00	84.98 3.43 0.00	88.62 3.35 0.00	87.00 3.30 0.00	83.81 2.93 0.00	78.15 2.81 0.00	64.35 2.34 0.00
RIVERBAY____ 323610	194.94 5.69 0.00	146.44 5.10 0.00	142.86 4.96 0.00	139.74 4.96 0.00	143.27 5.24 0.00	138.00 6.15 0.00	146.74 7.67 -8.90	203.95 10.98 -23.76	157.87 5.57 -58.27	157.20 6.86 -26.44	76.62 3.67 -0.09	71.31 3.89 -1.07	68.44 3.94 0.00	98.04 4.91 0.00	110.01 5.01 0.00	118.21 4.93 0.00	99.56 4.55 0.00	113.09 6.64 0.00	86.87 5.32 0.00	90.46 5.19 0.00	88.76 5.06 0.00	85.17 4.29 0.00	78.85 3.51 0.00	64.56 2.56 0.00
RIVERSDE_115KV_TB3 55908	195.14 5.90 0.00	146.38 5.04 0.00	142.93 5.03 0.00	139.97 5.19 0.00	143.22 5.19 0.00	136.60 4.75 0.00	191.17 4.90 -56.11	321.27 6.17 -145.89	443.02 3.21 -345.79	290.51 4.24 -162.38	75.86 2.43 -0.58	75.51 2.48 -6.68	67.00 2.49 0.00	96.15 3.02 0.00	107.80 2.81 0.00	115.32 2.04 0.00	96.95 1.94 0.00	109.59 3.14 0.00	84.22 2.67 0.00	87.82 2.55 0.00	86.17 2.47 0.00	83.01 2.13 0.00	77.61 2.27 0.00	64.07 2.07 0.00
ROARING___BROOK_WT_PWR 323790	188.12 -1.13 0.00	140.31 -1.03 0.00	137.00 -0.90 0.00	134.09 -0.70 0.00	137.71 -0.32 0.00	131.69 -0.16 0.00	129.59 -0.57 0.00	168.35 -0.85 0.00	93.92 -0.10 0.00	123.78 -0.11 0.00	72.80 -0.05 0.00	66.20 -0.16 0.00	64.14 -0.36 0.00	92.24 -0.90 0.00	104.05 -0.94 0.00	112.89 -0.39 0.00	94.89 -0.11 0.00	106.03 -0.41 0.00	81.31 -0.24 0.00	84.85 -0.43 0.00	83.52 -0.17 0.00	80.86 -0.03 0.00	75.60 0.26 0.00	62.32 0.31 0.00

ROCHESRG_115KV_T4 355643	181.34 -7.91 0.00	134.78 -6.56 0.00	131.42 -6.48 0.00	128.41 -6.37 0.00	131.55 -6.48 0.00	126.03 -5.82 0.00	124.00 -5.66 0.50	161.54 -7.67 0.00	89.50 -4.52 0.00	114.86 -6.59 2.44	67.80 -3.80 1.25	61.75 -4.00 0.61	60.34 -4.17 0.00	87.95 -5.19 0.00	99.85 -5.14 0.00	107.17 -6.10 0.00	88.81 -6.20 0.00	99.71 -6.67 0.06	76.49 -5.03 0.02	79.66 -5.61 0.00	77.91 -5.79 0.00	75.45 -5.43 0.00	70.55 -4.79 0.00	58.39 -3.61 0.00
ROCHESTER_9_IC 23652	182.46 -6.79 0.00	135.56 -5.77 0.00	132.17 -5.72 0.00	129.14 -5.64 0.00	132.34 -5.69 0.00	126.83 -5.02 0.00	124.83 -4.82 0.51	162.74 -6.46 0.00	90.19 -3.84 0.00	115.70 -5.73 2.47	68.32 -3.26 1.27	62.20 -3.54 0.62	60.78 -3.72 0.00	88.63 -4.51 0.00	100.60 -4.40 0.00	107.98 -5.30 0.00	89.48 -5.53 0.00	100.51 -5.88 0.06	77.12 -4.41 0.02	80.28 -4.99 0.00	78.50 -5.20 0.00	76.01 -4.87 0.00	71.02 -4.32 0.00	58.77 -3.23 0.00
ROCKVIEW_13_KV_LD 356306	195.35 6.11 0.00	146.58 5.24 0.00	142.86 4.96 0.00	139.81 5.03 0.00	143.25 5.22 0.00	137.82 5.97 0.00	146.35 7.29 -8.90	203.60 10.63 -23.76	157.86 5.56 -58.28	157.36 7.05 -26.41	76.88 3.93 -0.09	71.25 3.83 -1.07	68.35 3.85 0.00	97.84 4.71 0.00	109.68 4.69 0.00	118.04 4.75 0.00	99.51 4.51 0.00	113.04 6.59 0.00	86.74 5.19 0.00	90.40 5.13 0.00	88.68 4.98 0.00	85.10 4.22 0.00	78.78 3.45 0.00	64.49 2.49 0.00
ROME____115KV_TB2 80656	195.45 6.20 0.00	146.11 4.77 0.00	142.59 4.69 0.00	139.72 4.94 0.00	143.31 5.28 0.00	137.78 5.93 0.00	136.69 6.53 0.00	178.52 9.32 0.00	99.25 5.23 0.00	130.64 6.75 0.00	76.51 3.66 0.00	69.50 3.14 0.00	67.37 2.87 0.00	97.06 3.93 0.00	109.64 4.64 0.00	118.52 5.24 0.00	99.63 4.62 0.00	111.77 5.32 0.00	85.55 4.00 0.00	89.20 3.93 0.00	87.41 3.71 0.00	84.24 3.36 0.00	78.37 3.03 0.00	64.30 2.30 0.00
ROSETON___1 23587	194.00 4.75 0.00	145.59 4.25 0.00	141.99 4.09 0.00	139.00 4.22 0.00	142.36 4.33 0.00	136.68 4.83 0.00	144.61 5.81 -8.64	200.58 8.35 -23.03	154.82 4.34 -56.46	154.90 5.49 -25.51	75.87 2.93 -0.09	70.31 2.92 -1.03	67.43 2.93 0.00	96.67 3.53 0.00	108.43 3.44 0.00	116.69 3.42 0.00	98.30 3.30 0.00	111.48 5.04 0.00	85.58 4.03 0.00	89.25 3.98 0.00	87.56 3.86 0.00	84.15 3.26 0.00	78.03 2.69 0.00	63.96 1.96 0.00
ROSETON___2 23588	194.00 4.75 0.00	145.59 4.25 0.00	141.99 4.09 0.00	139.00 4.22 0.00	142.36 4.33 0.00	136.68 4.83 0.00	144.61 5.81 -8.64	200.58 8.35 -23.03	154.82 4.34 -56.46	154.90 5.49 -25.51	75.87 2.93 -0.09	70.31 2.92 -1.03	67.43 2.93 0.00	96.67 3.53 0.00	108.43 3.44 0.00	116.69 3.42 0.00	98.30 3.30 0.00	111.48 5.04 0.00	85.58 4.03 0.00	89.25 3.98 0.00	87.56 3.86 0.00	84.15 3.26 0.00	78.03 2.69 0.00	63.96 1.96 0.00
ROTRDAM_115KV_TB3 80664	195.23 5.99 0.00	146.18 4.84 0.00	142.73 4.82 0.00	139.66 4.88 0.00	142.96 4.93 0.00	136.78 4.93 0.00	240.40 5.24 -105.00	455.43 7.12 -279.11	779.37 3.78 -681.57	438.07 4.82 -309.36	76.49 2.54 -1.09	81.28 2.40 -12.52	66.85 2.35 0.00	96.15 3.02 0.00	108.14 3.14 0.00	116.72 3.43 0.00	98.04 3.03 0.00	110.67 4.22 0.00	84.88 3.34 0.00	88.58 3.31 0.00	86.87 3.17 0.00	83.74 2.85 0.00	77.87 2.53 0.00	63.97 1.97 0.00
RUSSELL___1 23602	183.45 -5.79 0.00	136.30 -5.04 0.00	132.87 -5.03 0.00	129.82 -4.97 0.00	133.02 -5.01 0.00	127.51 -4.34 0.00	125.62 -4.04 0.51	163.76 -5.45 0.00	90.76 -3.26 0.00	116.44 -4.98 2.47	68.78 -2.80 1.27	62.61 -3.13 0.62	61.18 -3.33 0.00	89.19 -3.94 0.00	101.23 -3.77 0.00	108.65 -4.63 0.00	90.07 -4.94 0.00	101.20 -5.18 0.06	77.68 -3.85 0.02	80.87 -4.40 0.00	79.05 -4.65 0.00	76.51 -4.37 0.00	71.46 -3.87 0.00	59.10 -2.90 0.00
RUSSELL___2 23532	183.45 -5.79 0.00	136.30 -5.04 0.00	132.87 -5.03 0.00	129.82 -4.97 0.00	133.02 -5.01 0.00	127.51 -4.34 0.00	125.62 -4.04 0.51	163.76 -5.45 0.00	90.76 -3.26 0.00	116.44 -4.98 2.47	68.78 -2.80 1.27	62.61 -3.13 0.62	61.18 -3.33 0.00	89.19 -3.94 0.00	101.23 -3.77 0.00	108.65 -4.63 0.00	90.07 -4.94 0.00	101.20 -5.18 0.06	77.68 -3.85 0.02	80.87 -4.40 0.00	79.05 -4.65 0.00	76.51 -4.37 0.00	71.46 -3.87 0.00	59.10 -2.90 0.00
RUSSELL___3 23549	183.45 -5.79 0.00	136.30 -5.04 0.00	132.87 -5.03 0.00	129.82 -4.97 0.00	133.02 -5.01 0.00	127.51 -4.34 0.00	125.62 -4.04 0.51	163.76 -5.45 0.00	90.76 -3.26 0.00	116.44 -4.98 2.47	68.78 -2.80 1.27	62.61 -3.13 0.62	61.18 -3.33 0.00	89.19 -3.94 0.00	101.23 -3.77 0.00	108.65 -4.63 0.00	90.07 -4.94 0.00	101.20 -5.18 0.06	77.68 -3.85 0.02	80.87 -4.40 0.00	79.05 -4.65 0.00	76.51 -4.37 0.00	71.46 -3.87 0.00	59.10 -2.90 0.00
RUSSELL___4 23556	183.45 -5.79 0.00	136.30 -5.04 0.00	132.87 -5.03 0.00	129.82 -4.97 0.00	133.02 -5.01 0.00	127.51 -4.34 0.00	125.62 -4.04 0.51	163.76 -5.45 0.00	90.76 -3.26 0.00	116.44 -4.98 2.47	68.78 -2.80 1.27	62.61 -3.13 0.62	61.18 -3.33 0.00	89.19 -3.94 0.00	101.23 -3.77 0.00	108.65 -4.63 0.00	90.07 -4.94 0.00	101.20 -5.18 0.06	77.68 -3.85 0.02	80.87 -4.40 0.00	79.05 -4.65 0.00	76.51 -4.37 0.00	71.46 -3.87 0.00	59.10 -2.90 0.00
RUSSELL___STATION 23914	183.45 -5.79 0.00	136.30 -5.04 0.00	132.87 -5.03 0.00	129.82 -4.97 0.00	133.02 -5.01 0.00	127.51 -4.34 0.00	125.62 -4.04 0.51	163.76 -5.45 0.00	90.76 -3.26 0.00	116.44 -4.98 2.47	68.78 -2.80 1.27	62.61 -3.13 0.62	61.18 -3.33 0.00	89.19 -3.94 0.00	101.23 -3.77 0.00	108.65 -4.63 0.00	90.07 -4.94 0.00	101.20 -5.18 0.06	77.68 -3.85 0.02	80.87 -4.40 0.00	79.05 -4.65 0.00	76.51 -4.37 0.00	71.46 -3.87 0.00	59.10 -2.90 0.00
S SALMON___HYD 24043	185.75 -3.50 0.00	138.75 -2.59 0.00	135.25 -2.64 0.00	132.38 -2.40 0.00	136.05 -1.98 0.00	130.41 -1.44 0.00	128.83 -1.32 0.00	167.45 -1.76 0.00	92.90 -1.13 0.00	122.29 -1.60 0.00	71.64 -1.21 0.00	64.97 -1.39 0.00	63.12 -1.38 0.00	90.75 -2.39 0.00	102.17 -2.83 0.00	110.77 -2.51 0.00	93.43 -1.58 0.00	104.93 -1.52 0.00	80.57 -0.98 0.00	83.91 -1.36 0.00	82.20 -1.50 0.00	79.27 -1.61 0.00	73.97 -1.36 0.00	60.82 -1.18 0.00
S.PERRY__115KV_TB1 80734	182.56 -6.69 0.00	135.61 -5.72 0.00	132.30 -5.60 0.00	129.54 -5.24 0.00	132.48 -5.55 0.00	126.68 -5.17 0.00	124.27 -4.59 1.30	163.78 -5.43 0.00	91.00 -3.02 0.00	110.69 -5.58 7.62	65.18 -3.77 3.91	59.67 -4.77 1.92	59.21 -5.29 0.00	86.58 -6.56 0.00	99.76 -5.23 0.00	106.45 -6.83 0.00	88.03 -6.97 0.00	99.48 -6.77 0.19	77.34 -4.14 0.07	80.51 -4.76 0.00	78.68 -5.02 0.00	76.35 -4.53 0.00	71.33 -4.00 0.00	58.99 -3.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	178.40 -10.84 0.00	132.05 -9.29 0.00	128.71 -9.19 0.00	125.60 -9.18 0.00	128.52 -9.51 0.00	122.92 -8.93 0.00	120.15 -9.16 0.85	156.82 -12.39 0.00	86.92 -7.10 0.00	108.95 -10.24 4.70	64.60 -5.84 2.41	58.96 -6.22 1.18	57.99 -6.51 0.00	85.07 -8.07 0.00	97.01 -7.98 0.00	103.67 -9.62 0.00	85.08 -9.92 0.00	95.39 -10.94 0.12	73.32 -8.18 0.04	76.22 -9.06 0.00	74.57 -9.13 0.00	72.62 -8.26 0.00	68.30 -7.04 0.00	56.95 -5.05 0.00

SAWYER___23_KV_LOAD 55526	178.40 -10.84 0.00	132.05 -9.29 0.00	128.71 -9.19 0.00	125.60 -9.18 0.00	128.52 -9.51 0.00	122.92 -8.93 0.00	120.15 -9.16 0.85	156.82 -12.39 0.00	86.92 -7.10 0.00	108.95 -10.24 4.70	64.60 -5.84 2.41	58.96 -6.22 1.18	57.99 -6.51 0.00	85.07 -8.07 0.00	97.01 -7.98 0.00	103.67 -9.62 0.00	85.08 -9.92 0.00	95.39 -10.94 0.12	73.32 -8.18 0.04	76.22 -9.06 0.00	74.57 -9.13 0.00	72.62 -8.26 0.00	68.30 -7.04 0.00	56.95 -5.05 0.00
SELKIRK___I 23801	199.41 10.16 0.00	149.39 8.05 0.00	145.91 8.02 0.00	142.87 8.09 0.00	146.18 8.15 0.00	139.41 7.56 0.00	175.87 7.32 -38.38	272.30 9.30 -93.80	328.91 4.78 -230.11	229.07 5.99 -99.18	76.50 3.31 -0.34	73.40 3.13 -3.91	67.44 2.94 0.00	96.87 3.74 0.00	108.16 3.17 0.00	116.96 3.68 0.00	98.99 3.98 0.00	112.06 5.62 0.00	86.02 4.47 0.00	89.69 4.42 0.00	87.91 4.21 0.00	84.65 3.77 0.00	79.18 3.84 0.00	65.54 3.54 0.00
SELKIRK___II 23799	194.13 4.89 0.00	145.60 4.26 0.00	142.21 4.31 0.00	139.21 4.43 0.00	142.41 4.38 0.00	135.91 4.06 0.00	171.93 4.13 -37.64	266.99 5.24 -92.55	323.36 2.65 -226.69	225.66 3.47 -98.30	75.14 1.95 -0.34	72.26 2.01 -3.89	66.54 2.03 0.00	95.55 2.41 0.00	107.16 2.17 0.00	114.88 1.60 0.00	96.69 1.68 0.00	109.23 2.78 0.00	83.89 2.34 0.00	87.50 2.23 0.00	85.84 2.14 0.00	82.70 1.82 0.00	77.23 1.90 0.00	63.74 1.74 0.00
SENECA OSWGO___HYD 24041	183.41 -5.83 0.00	136.99 -4.35 0.00	133.64 -4.26 0.00	130.55 -4.23 0.00	133.77 -4.26 0.00	127.99 -3.85 0.00	126.62 -3.54 0.00	164.29 -4.91 0.00	90.98 -3.04 0.00	119.55 -4.34 0.00	70.20 -2.65 0.00	63.80 -2.56 0.00	62.00 -2.51 0.00	89.59 -3.55 0.00	101.11 -3.89 0.00	109.00 -4.28 0.00	91.28 -3.72 0.00	102.72 -3.73 0.00	78.79 -2.76 0.00	82.17 -3.10 0.00	80.49 -3.21 0.00	77.59 -3.29 0.00	72.26 -3.08 0.00	59.45 -2.55 0.00
SENECA___115KV_TB3 355854	180.86 -8.39 0.00	133.96 -7.38 0.00	130.51 -7.39 0.00	127.32 -7.46 0.00	130.22 -7.81 0.00	124.46 -7.39 0.00	121.81 -7.43 0.92	159.42 -9.79 0.00	88.28 -5.74 0.00	110.26 -8.50 5.13	65.35 -4.87 2.63	59.73 -5.34 1.29	58.87 -5.64 0.00	86.46 -6.67 0.00	98.44 -6.55 0.00	105.10 -8.18 0.00	86.32 -8.69 0.00	96.94 -9.38 0.13	74.64 -6.86 0.05	77.52 -7.75 0.00	75.90 -7.80 0.00	73.85 -7.03 0.00	69.42 -5.92 0.00	57.82 -4.18 0.00
SENECA___ENERGY 23797	184.76 -4.48 0.00	137.84 -3.50 0.00	134.52 -3.38 0.00	131.79 -2.99 0.00	134.77 -3.26 0.00	129.10 -2.75 0.00	128.63 -1.35 0.18	168.75 -0.45 0.00	93.27 -0.75 0.00	119.89 -1.69 2.31	70.60 -1.06 1.19	64.31 -1.47 0.58	62.89 -1.61 0.00	91.06 -2.07 0.00	103.47 -1.52 0.00	110.90 -2.38 0.00	92.80 -2.21 0.00	104.28 -2.10 0.07	80.35 -1.18 0.02	83.94 -1.33 0.00	82.03 -1.66 0.00	79.05 -1.84 0.00	73.72 -1.62 0.00	60.66 -1.34 0.00
SHOEMAKER___GT 23640	193.59 4.34 0.00	145.14 3.80 0.00	141.58 3.69 0.00	138.55 3.77 0.00	141.88 3.86 0.00	136.22 4.37 0.00	143.47 5.22 -8.08	198.37 7.62 -21.54	150.80 3.95 -52.83	152.71 4.96 -23.87	75.58 2.65 -0.08	69.89 2.57 -0.96	67.06 2.55 0.00	96.22 3.08 0.00	107.91 2.92 0.00	116.14 2.86 0.00	97.91 2.91 0.00	110.97 4.52 0.00	85.18 3.63 0.00	88.84 3.57 0.00	87.14 3.44 0.00	83.77 2.89 0.00	77.70 2.36 0.00	63.67 1.67 0.00
SHOEMAKR_138KV_BK 111 55601	193.31 4.06 0.00	144.94 3.60 0.00	141.41 3.52 0.00	138.36 3.58 0.00	141.72 3.70 0.00	136.04 4.20 0.00	143.26 5.08 -8.02	198.04 7.44 -21.38	150.32 3.85 -52.44	152.43 4.84 -23.69	75.52 2.58 -0.08	69.82 2.50 -0.96	67.00 2.50 0.00	96.12 2.99 0.00	107.81 2.82 0.00	116.04 2.76 0.00	97.81 2.81 0.00	110.83 4.39 0.00	85.08 3.53 0.00	88.75 3.48 0.00	87.05 3.35 0.00	83.70 2.81 0.00	77.62 2.28 0.00	63.62 1.62 0.00
SHOREHAM_IC_1 23715	195.29 6.04 0.00	149.64 8.30 0.00	144.64 6.74 0.00	141.82 7.04 0.00	146.85 8.82 0.00	141.67 9.82 0.00	149.35 10.29 -8.90	206.24 13.27 -23.75	158.96 6.68 -58.26	162.70 8.46 -30.35	111.47 6.08 -32.53	105.46 5.94 -33.16	112.00 5.92 -41.57	100.42 7.28 0.00	111.49 6.50 0.00	120.33 7.05 0.00	102.24 7.24 0.00	122.82 10.52 -5.85	89.11 7.56 0.00	92.74 7.47 0.00	90.63 6.94 0.00	86.49 5.61 0.00	80.47 5.13 0.00	65.88 3.88 0.00
SHOREHAM_IC_2 23716	195.29 6.04 0.00	149.64 8.30 0.00	144.64 6.74 0.00	141.82 7.04 0.00	146.85 8.82 0.00	141.67 9.82 0.00	149.35 10.29 -8.90	206.24 13.27 -23.75	158.96 6.68 -58.26	162.70 8.46 -30.35	111.47 6.08 -32.53	105.46 5.94 -33.16	112.00 5.92 -41.57	100.42 7.28 0.00	111.49 6.50 0.00	120.33 7.05 0.00	102.24 7.24 0.00	122.82 10.52 -5.85	89.11 7.56 0.00	92.74 7.47 0.00	90.63 6.94 0.00	86.49 5.61 0.00	80.47 5.13 0.00	65.88 3.88 0.00
SISSONVILLE____ 23735	193.55 4.31 0.00	143.85 2.51 0.00	140.02 2.13 0.00	136.52 1.74 0.00	139.42 1.39 0.00	131.98 0.13 0.00	129.88 -0.28 0.00	168.38 -0.83 0.00	94.00 -0.02 0.00	124.82 0.93 0.00	73.57 0.71 0.00	66.77 0.41 0.00	64.80 0.30 0.00	93.77 0.64 0.00	106.24 1.24 0.00	114.87 1.59 0.00	96.24 1.24 0.00	106.10 -0.35 0.00	81.13 -0.42 0.00	84.92 -0.35 0.00	83.54 -0.16 0.00	81.58 0.70 0.00	77.21 1.87 0.00	63.86 1.87 0.00
SITHE_IND_GS1 24169	181.30 -7.94 0.00	135.44 -5.90 0.00	132.17 -5.72 0.00	129.25 -5.53 0.00	132.36 -5.67 0.00	126.58 -5.27 0.00	125.11 -5.05 0.00	162.41 -6.80 0.00	89.97 -4.05 0.00	118.32 -5.58 0.00	69.51 -3.35 0.00	63.19 -3.18 0.00	61.39 -3.11 0.00	88.71 -4.42 0.00	100.13 -4.86 0.00	107.93 -5.35 0.00	90.36 -4.64 0.00	101.53 -4.92 0.00	77.84 -3.71 0.00	81.26 -4.01 0.00	79.65 -4.05 0.00	76.87 -4.01 0.00	71.61 -3.72 0.00	58.96 -3.05 0.00
SITHE_IND_GS2 24170	181.30 -7.94 0.00	135.44 -5.90 0.00	132.17 -5.72 0.00	129.25 -5.53 0.00	132.36 -5.67 0.00	126.58 -5.27 0.00	125.11 -5.05 0.00	162.41 -6.80 0.00	89.97 -4.05 0.00	118.32 -5.58 0.00	69.51 -3.35 0.00	63.19 -3.18 0.00	61.39 -3.11 0.00	88.71 -4.42 0.00	100.13 -4.86 0.00	107.93 -5.35 0.00	90.36 -4.64 0.00	101.53 -4.92 0.00	77.84 -3.71 0.00	81.26 -4.01 0.00	79.65 -4.05 0.00	76.87 -4.01 0.00	71.61 -3.72 0.00	58.96 -3.05 0.00
SITHE_IND_GS3 24171	181.30 -7.94 0.00	135.44 -5.90 0.00	132.17 -5.72 0.00	129.25 -5.53 0.00	132.36 -5.67 0.00	126.58 -5.27 0.00	125.11 -5.05 0.00	162.41 -6.80 0.00	89.97 -4.05 0.00	118.32 -5.58 0.00	69.51 -3.35 0.00	63.19 -3.18 0.00	61.39 -3.11 0.00	88.71 -4.42 0.00	100.13 -4.86 0.00	107.93 -5.35 0.00	90.36 -4.64 0.00	101.53 -4.92 0.00	77.84 -3.71 0.00	81.26 -4.01 0.00	79.65 -4.05 0.00	76.87 -4.01 0.00	71.61 -3.72 0.00	58.96 -3.05 0.00
SITHE_IND_GS4 24172	181.30 -7.94 0.00	135.44 -5.90 0.00	132.17 -5.72 0.00	129.25 -5.53 0.00	132.36 -5.67 0.00	126.58 -5.27 0.00	125.11 -5.05 0.00	162.41 -6.80 0.00	89.97 -4.05 0.00	118.32 -5.58 0.00	69.51 -3.35 0.00	63.19 -3.18 0.00	61.39 -3.11 0.00	88.71 -4.42 0.00	100.13 -4.86 0.00	107.93 -5.35 0.00	90.36 -4.64 0.00	101.53 -4.92 0.00	77.84 -3.71 0.00	81.26 -4.01 0.00	79.65 -4.05 0.00	76.87 -4.01 0.00	71.61 -3.72 0.00	58.96 -3.05 0.00

SITHE___BATAVIA 24024	183.41 -5.84 0.00	135.97 -5.37 0.00	132.52 -5.38 0.00	129.32 -5.46 0.00	132.53 -5.50 0.00	127.19 -4.66 0.00	124.98 -4.39 0.79	163.36 -5.84 0.00	85.21 -3.34 5.47	113.51 -5.34 5.05	64.85 -2.99 5.01	61.81 -3.66 0.90	60.40 -4.10 0.00	88.51 -4.62 0.00	100.67 -4.32 0.00	107.92 -5.36 0.00	88.79 -6.21 0.00	99.80 -6.56 0.09	76.63 -4.88 0.03	79.60 -5.67 0.00	77.81 -5.89 0.00	75.49 -5.39 0.00	70.66 -4.67 0.00	58.64 -3.26 0.10
SITHE___INDEPEND 23800	181.30 -7.95 0.00	135.44 -5.90 0.00	132.17 -5.72 0.00	129.26 -5.53 0.00	132.38 -5.65 0.00	126.58 -5.26 0.00	125.11 -5.05 0.00	162.40 -6.80 0.00	89.96 -4.06 0.00	118.32 -5.57 0.00	69.50 -3.35 0.00	63.18 -3.18 0.00	61.39 -3.11 0.00	88.71 -4.43 0.00	100.13 -4.86 0.00	107.93 -5.35 0.00	90.37 -4.64 0.00	101.53 -4.92 0.00	77.83 -3.71 0.00	81.26 -4.02 0.00	79.64 -4.05 0.00	76.87 -4.01 0.00	71.61 -3.72 0.00	58.95 -3.05 0.00
SITHE___MASSENA 23902	192.89 3.64 0.00	143.42 2.08 0.00	139.72 1.82 0.00	136.12 1.34 0.00	139.44 1.41 0.00	132.55 0.70 0.00	130.36 0.20 0.00	168.77 -0.43 0.00	94.17 0.16 0.00	124.51 0.62 0.00	73.44 0.59 0.00	66.78 0.42 0.00	64.82 0.31 0.00	93.97 0.83 0.00	106.52 1.53 0.00	115.51 2.23 0.00	96.70 1.70 0.00	106.75 0.31 0.00	81.63 0.08 0.00	85.55 0.28 0.00	84.14 0.44 0.00	81.94 1.06 0.00	76.96 1.62 0.00	63.51 1.51 0.00
SITHE___OGDNSBRG 24021	196.82 7.58 0.00	146.13 4.79 0.00	142.24 4.35 0.00	138.61 3.82 0.00	141.69 3.66 0.00	134.52 2.67 0.00	132.43 2.27 0.00	171.79 2.58 0.00	95.79 1.77 0.00	126.83 2.94 0.00	74.78 1.93 0.00	67.72 1.36 0.00	65.77 1.27 0.00	95.55 2.42 0.00	108.42 3.42 0.00	117.45 4.18 0.00	98.49 3.49 0.00	108.69 2.25 0.00	83.06 1.51 0.00	86.98 1.71 0.00	85.49 1.79 0.00	83.36 2.48 0.00	78.56 3.22 0.00	64.84 2.84 0.00
SITHE___STERLING 23777	193.23 3.98 0.00	144.51 3.17 0.00	141.15 3.25 0.00	138.32 3.54 0.00	141.82 3.80 0.00	136.19 4.34 0.00	135.05 4.88 0.00	176.23 7.02 0.00	97.85 3.83 0.00	129.80 4.79 -1.12	75.99 2.57 -0.57	68.77 2.13 -0.28	66.39 1.88 0.00	95.75 2.61 0.00	108.19 3.19 0.00	116.88 3.60 0.00	98.03 3.03 0.00	109.91 3.47 0.00	84.16 2.61 0.00	87.84 2.57 0.00	86.06 2.36 0.00	82.97 2.09 0.00	77.17 1.83 0.00	63.36 1.35 0.00
SLEIGHT__34_KV_TB1 80719	183.06 -6.18 0.00	136.36 -4.98 0.00	133.03 -4.87 0.00	130.11 -4.67 0.00	133.32 -4.70 0.00	127.81 -4.04 0.00	126.18 -3.71 0.27	164.65 -4.56 0.00	91.15 -2.87 0.00	119.50 -4.39 0.00	70.29 -2.56 0.00	63.63 -2.73 0.00	61.64 -2.86 0.00	89.57 -3.56 0.00	101.60 -3.40 0.00	109.15 -4.13 0.00	90.88 -4.12 0.00	102.16 -4.26 0.03	78.34 -3.20 0.01	81.65 -3.62 0.00	79.83 -3.87 0.00	77.05 -3.84 0.00	71.90 -3.44 0.00	59.27 -2.73 0.00
SOUTH CAIRO___GT 23612	200.03 10.78 0.00	149.76 8.42 0.00	146.12 8.23 0.00	143.06 8.28 0.00	146.34 8.31 0.00	139.55 7.70 0.00	172.28 7.45 -34.67	263.87 9.79 -84.88	307.42 5.16 -208.25	220.02 6.31 -89.82	76.87 3.71 -0.31	74.21 4.31 -3.54	68.62 4.12 0.00	98.88 5.75 0.00	109.53 4.54 0.00	118.29 5.01 0.00	101.00 5.99 0.00	114.74 8.29 0.00	88.15 6.60 0.00	91.75 6.48 0.00	89.76 6.06 0.00	86.30 5.41 0.00	80.58 5.24 0.00	66.62 4.62 0.00
SOUTH HAMPTN___IC 23720	195.92 6.67 0.00	150.58 9.24 0.00	145.74 7.84 0.00	142.87 8.09 0.00	147.89 9.86 0.00	142.69 10.84 0.00	150.27 11.21 -8.90	206.87 13.90 -23.75	159.60 7.32 -58.26	163.79 9.55 -30.35	111.99 6.60 -32.53	105.92 6.40 -33.16	112.47 6.39 -41.57	101.03 7.90 0.00	111.78 6.79 0.00	120.85 7.57 0.00	102.67 7.66 0.00	123.26 10.97 -5.85	89.29 7.74 0.00	92.93 7.66 0.00	90.54 6.84 0.00	86.31 5.42 0.00	80.25 4.91 0.00	65.66 3.66 0.00
SOUTHDOW_115KV_TB1 355954	184.82 -4.43 0.00	136.77 -4.57 0.00	133.05 -4.85 0.00	129.30 -5.48 0.00	131.78 -6.25 0.00	126.39 -5.46 0.00	124.44 -4.65 1.07	168.16 -5.38 -4.33	104.45 -3.64 -14.07	118.31 -5.88 -0.30	66.35 -3.41 3.09	61.23 -3.86 1.27	60.07 -4.43 0.00	88.03 -5.10 0.00	99.14 -5.86 0.00	104.70 -8.58 0.00	87.17 -7.84 0.00	99.32 -6.97 0.15	76.74 -4.76 0.06	79.69 -5.58 0.00	78.15 -5.55 0.00	75.69 -5.19 0.00	71.30 -4.03 0.00	59.27 -2.73 0.00
SOUTHOLD_69_KV_BK 2 55809	196.75 7.50 0.00	152.49 11.15 0.00	147.69 9.79 0.00	144.67 9.88 0.00	149.97 11.94 0.00	144.79 12.94 0.00	152.00 12.94 -8.90	205.58 12.62 -23.75	160.53 8.25 -58.26	165.78 11.54 -30.35	113.07 7.68 -32.53	106.81 7.29 -33.16	113.35 7.27 -41.57	102.00 8.87 0.00	110.97 5.98 0.00	121.88 8.60 0.00	103.58 8.57 0.00	124.33 12.03 -5.85	89.77 8.23 0.00	93.43 8.16 0.00	90.44 6.74 0.00	86.00 5.12 0.00	79.84 4.50 0.00	65.26 3.26 0.00
SOUTHOLD___IC 23719	196.75 7.50 0.00	152.49 11.15 0.00	147.68 9.79 0.00	144.68 9.90 0.00	149.96 11.94 0.00	144.79 12.94 0.00	152.00 12.94 -8.90	205.58 12.62 -23.75	160.52 8.24 -58.26	165.74 11.50 -30.35	113.06 7.67 -32.53	106.82 7.29 -33.16	113.35 7.27 -41.57	101.99 8.86 0.00	110.97 5.98 0.00	121.88 8.60 0.00	103.58 8.57 0.00	124.32 12.03 -5.85	89.77 8.23 0.00	93.43 8.16 0.00	90.44 6.74 0.00	86.01 5.12 0.00	79.85 4.51 0.00	65.26 3.25 0.00
SOUTH_FORK_WT_PWR 323839	194.94 5.69 0.00	152.13 10.78 0.00	147.44 9.55 0.00	144.34 9.56 0.00	149.78 11.75 0.00	144.58 12.73 0.00	151.35 12.29 -8.90	206.28 13.32 -23.75	160.38 8.10 -58.26	165.60 11.36 -30.35	112.89 7.51 -32.53	106.65 7.12 -33.16	113.20 7.12 -41.57	101.91 8.78 0.00	111.51 6.52 0.00	121.27 7.99 0.00	103.00 7.99 0.00	123.58 11.28 -5.85	88.95 7.40 0.00	92.56 7.28 0.00	89.24 5.55 0.00	84.72 3.84 0.00	78.64 3.30 0.00	64.26 2.25 0.00
SPIERFLS_115KV_TB 1 80737	204.53 15.28 0.00	153.13 11.79 0.00	149.35 11.46 0.00	146.40 11.62 0.00	150.04 12.01 0.00	143.73 11.88 0.00	239.55 12.62 -96.77	444.47 16.84 -258.42	734.53 8.94 -631.57	421.92 11.12 -286.91	79.93 6.07 -1.01	83.72 5.78 -11.59	69.84 5.33 0.00	100.28 7.15 0.00	112.70 7.71 0.00	121.88 8.59 0.00	102.26 7.25 0.00	116.20 9.75 0.00	89.24 7.69 0.00	92.99 7.72 0.00	91.10 7.40 0.00	87.80 6.92 0.00	81.53 6.19 0.00	66.90 4.89 0.00
ST LAWRENCE____ 23600	190.56 1.31 0.00	141.73 0.39 0.00	138.07 0.18 0.00	134.60 -0.18 0.00	137.92 -0.10 0.00	131.25 -0.60 0.00	129.03 -1.13 0.00	167.05 -2.15 0.00	93.17 -0.85 0.00	123.11 -0.78 0.00	72.65 -0.21 0.00	66.09 -0.27 0.00	64.12 -0.38 0.00	92.95 -0.18 0.00	105.31 0.31 0.00	114.23 0.95 0.00	95.64 0.63 0.00	105.67 -0.78 0.00	80.82 -0.73 0.00	84.73 -0.55 0.00	83.32 -0.38 0.00	81.03 0.14 0.00	75.72 0.38 0.00	62.46 0.45 0.00
STATE_CA_115KV_115_LB 55624	195.47 6.23 0.00	146.62 5.28 0.00	143.16 5.26 0.00	140.14 5.36 0.00	143.39 5.36 0.00	136.75 4.90 0.00	198.25 5.07 -63.02	341.36 6.31 -165.84	499.87 3.33 -402.52	311.66 4.29 -183.47	76.01 2.51 -0.65	76.35 2.55 -7.44	67.11 2.61 0.00	96.29 3.15 0.00	107.97 2.97 0.00	115.44 2.16 0.00	97.09 2.08 0.00	109.71 3.27 0.00	84.31 2.76 0.00	87.90 2.63 0.00	86.22 2.52 0.00	83.02 2.13 0.00	77.67 2.33 0.00	64.15 2.14 0.00

STATE_ST_34_KV_LOAD 55959	186.69 -2.56 0.00	139.43 -1.91 0.00	136.36 -1.54 0.00	133.45 -1.33 0.00	136.72 -1.31 0.00	130.95 -0.90 0.00	130.10 -0.39 -0.33	168.99 -0.22 0.00	93.48 -0.54 0.00	124.38 -1.27 -1.76	72.88 -0.87 -0.90	65.69 -1.11 -0.44	63.26 -1.24 0.00	91.58 -1.56 0.00	103.89 -1.11 0.00	111.77 -1.51 0.00	93.45 -1.56 0.00	104.90 -1.58 -0.03	80.46 -1.10 -0.01	84.19 -1.08 0.00	82.33 -1.36 0.00	79.19 -1.69 0.00	73.92 -1.42 0.00	60.68 -1.33 0.00
STATION 5_MISC_HYD 23604	182.46 -6.79 0.00	135.57 -5.77 0.00	132.18 -5.72 0.00	129.14 -5.64 0.00	132.34 -5.69 0.00	126.83 -5.02 0.00	124.77 -4.81 0.58	162.75 -6.46 0.00	86.44 -3.80 3.78	114.70 -5.70 3.50	66.13 -3.25 3.47	62.19 -3.54 0.62	60.78 -3.73 0.00	88.63 -4.50 0.00	100.60 -4.40 0.00	107.98 -5.30 0.00	89.48 -5.52 0.00	100.51 -5.87 0.06	77.11 -4.41 0.02	80.27 -5.00 0.00	78.51 -5.19 0.00	76.01 -4.87 0.00	71.02 -4.32 0.00	58.70 -3.23 0.07
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	184.64 -4.60 0.00	137.45 -3.89 0.00	134.03 -3.87 0.00	131.15 -3.63 0.00	134.31 -3.72 0.00	128.74 -3.11 0.00	129.51 -0.14 0.51	170.49 1.28 0.00	94.10 0.08 0.00	121.96 -0.52 1.41	71.82 -0.31 0.72	65.11 -0.90 0.35	63.27 -1.23 0.00	92.11 -1.02 0.00	104.50 -0.50 0.00	112.22 -1.06 0.00	93.43 -1.57 0.00	105.00 -1.41 0.04	80.50 -1.04 0.01	83.89 -1.37 0.00	81.94 -1.76 0.00	79.12 -1.76 0.00	73.75 -1.59 0.00	60.86 -1.14 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	181.68 -7.56 0.00	135.05 -6.29 0.00	131.66 -6.24 0.00	128.68 -6.10 0.00	131.86 -6.17 0.00	126.40 -5.45 0.00	124.40 -5.26 0.50	162.20 -7.00 0.00	89.87 -4.16 0.00	115.53 -6.08 2.29	68.18 -3.50 1.17	62.07 -3.72 0.58	60.64 -3.87 0.00	88.34 -4.79 0.00	100.24 -4.75 0.00	107.64 -5.65 0.00	89.28 -5.72 0.00	100.29 -6.09 0.06	76.93 -4.59 0.02	80.11 -5.16 0.00	78.34 -5.36 0.00	75.80 -5.08 0.00	70.80 -4.54 0.00	58.55 -3.46 0.00
STA_56___34_KV_BUS2 355983	181.68 -7.56 0.00	135.05 -6.29 0.00	131.66 -6.24 0.00	128.68 -6.10 0.00	131.86 -6.17 0.00	126.40 -5.45 0.00	124.40 -5.26 0.50	162.20 -7.00 0.00	89.87 -4.16 0.00	115.53 -6.08 2.29	68.18 -3.50 1.17	62.07 -3.72 0.58	60.64 -3.87 0.00	88.34 -4.79 0.00	100.24 -4.75 0.00	107.64 -5.65 0.00	89.28 -5.72 0.00	100.29 -6.09 0.06	76.93 -4.59 0.02	80.11 -5.16 0.00	78.34 -5.36 0.00	75.80 -5.08 0.00	70.80 -4.54 0.00	58.55 -3.46 0.00
STA_67___115KV_BK2 355882	182.00 -7.25 0.00	135.23 -6.11 0.00	131.85 -6.04 0.00	128.87 -5.91 0.00	132.02 -6.00 0.00	126.50 -5.35 0.00	124.52 -5.13 0.51	162.30 -6.90 0.00	89.92 -4.10 0.00	115.37 -6.06 2.47	68.14 -3.45 1.27	62.02 -3.72 0.62	60.60 -3.91 0.00	88.35 -4.78 0.00	100.29 -4.70 0.00	107.66 -5.62 0.00	89.22 -5.78 0.00	100.21 -6.17 0.06	76.87 -4.66 0.02	80.02 -5.25 0.00	78.27 -5.43 0.00	75.79 -5.09 0.00	70.83 -4.51 0.00	58.62 -3.39 0.00
STA_7___115KV_9TRANS 80674	183.45 -5.79 0.00	136.30 -5.04 0.00	132.87 -5.03 0.00	129.82 -4.97 0.00	133.02 -5.01 0.00	127.51 -4.34 0.00	125.62 -4.04 0.51	163.76 -5.45 0.00	90.76 -3.26 0.00	116.44 -4.98 2.47	68.78 -2.80 1.27	62.61 -3.13 0.62	61.18 -3.33 0.00	89.19 -3.94 0.00	101.23 -3.77 0.00	108.65 -4.63 0.00	90.07 -4.94 0.00	101.20 -5.18 0.06	77.68 -3.85 0.02	80.87 -4.40 0.00	79.05 -4.65 0.00	76.51 -4.37 0.00	71.46 -3.87 0.00	59.10 -2.90 0.00
STA_82___115KV_TB1 80780	182.06 -7.18 0.00	135.28 -6.06 0.00	131.91 -5.99 0.00	128.91 -5.87 0.00	132.08 -5.95 0.00	126.56 -5.28 0.00	124.57 -5.08 0.51	162.40 -6.80 0.00	89.98 -4.04 0.00	115.43 -5.97 2.49	68.14 -3.44 1.28	62.05 -3.69 0.63	60.64 -3.87 0.00	88.36 -4.77 0.00	100.35 -4.64 0.00	107.71 -5.57 0.00	89.27 -5.73 0.00	100.28 -6.10 0.06	76.92 -4.61 0.02	80.09 -5.18 0.00	78.33 -5.37 0.00	75.83 -5.05 0.00	70.87 -4.47 0.00	58.65 -3.36 0.00
STEEL___WIND 323596	180.68 -8.57 0.00	133.81 -7.52 0.00	130.35 -7.55 0.00	127.10 -7.68 0.00	130.05 -7.98 0.00	124.32 -7.52 0.00	121.53 -7.55 1.09	159.22 -9.98 0.00	80.37 -5.85 7.80	107.90 -8.74 7.26	60.66 -5.02 7.17	59.60 -5.46 1.29	58.74 -5.76 0.00	86.34 -6.80 0.00	98.31 -6.68 0.00	104.93 -8.35 0.00	86.23 -8.78 0.00	96.80 -9.51 0.13	74.52 -6.98 0.05	77.37 -7.90 0.00	75.80 -7.90 0.00	73.74 -7.14 0.00	69.34 -6.00 0.00	57.59 -4.28 0.14
STEPHTWN_115KV_BK_2 55603	196.49 7.24 0.00	147.26 5.93 0.00	143.78 5.88 0.00	140.77 5.99 0.00	144.07 6.04 0.00	137.34 5.50 0.00	185.16 5.84 -49.16	295.06 7.22 -118.63	389.47 3.79 -291.66	253.21 4.90 -124.41	76.00 2.72 -0.42	73.88 2.64 -4.88	67.17 2.67 0.00	96.54 3.41 0.00	107.88 2.88 0.00	115.54 2.26 0.00	97.56 2.56 0.00	110.25 3.81 0.00	84.73 3.19 0.00	88.44 3.17 0.00	86.61 2.91 0.00	83.36 2.48 0.00	78.02 2.68 0.00	64.45 2.45 0.00
STEUBEN_REC_LFGE 323667	183.09 -6.16 0.00	136.00 -5.34 0.00	132.94 -4.95 0.00	130.96 -3.82 0.00	133.52 -4.51 0.00	126.30 -5.55 0.00	124.55 -5.14 0.47	171.15 -5.21 -7.14	109.08 -2.75 -17.81	109.27 -4.91 9.72	59.84 -3.93 9.09	57.10 -5.11 4.15	59.11 -5.40 0.00	87.09 -6.04 0.00	100.35 -4.64 0.00	105.02 -8.26 0.00	86.67 -8.33 0.01	97.53 -8.46 0.45	76.40 -4.99 0.16	79.83 -5.44 0.00	78.58 -5.12 0.00	77.17 -3.71 0.00	72.34 -2.99 0.00	59.87 -2.13 0.00
STILLWATER___SOLAR 323814	200.72 11.48 0.00	150.31 8.97 0.00	146.74 8.84 0.00	143.75 8.96 0.00	147.16 9.13 0.00	140.87 9.02 0.00	231.90 9.58 -92.16	428.84 12.80 -246.84	704.42 6.83 -603.57	406.94 8.62 -274.43	78.47 4.64 -0.97	81.84 4.36 -11.12	68.68 4.18 0.00	98.71 5.58 0.00	110.89 5.90 0.00	119.77 6.49 0.00	100.55 5.54 0.00	113.93 7.48 0.00	87.48 5.93 0.00	91.20 5.93 0.00	89.44 5.74 0.00	86.14 5.26 0.00	80.06 4.72 0.00	65.77 3.77 0.00
STONY___BROOK 24151	196.45 7.20 0.00	149.15 7.81 0.00	144.70 6.80 0.00	141.88 7.10 0.00	146.32 8.29 0.00	141.13 9.28 0.00	149.35 10.29 -8.90	206.64 13.68 -23.75	159.10 6.82 -58.26	162.81 8.56 -30.35	111.10 5.71 -32.53	105.33 5.80 -33.16	111.91 5.83 -41.57	100.28 7.15 0.00	111.56 6.57 0.00	120.19 6.91 0.00	101.73 6.73 0.00	122.13 9.84 -5.85	88.61 7.06 0.00	92.19 6.91 0.00	90.24 6.54 0.00	86.15 5.27 0.00	80.27 4.93 0.00	65.83 3.83 0.00
STURGEON_POOL_HYD 23609	195.14 5.89 0.00	146.33 4.99 0.00	142.73 4.83 0.00	139.70 4.92 0.00	143.09 5.07 0.00	137.45 5.61 0.00	150.50 6.49 -13.86	213.95 9.42 -35.32	185.50 4.99 -86.49	168.56 6.51 -38.16	76.53 3.54 -0.13	71.23 3.35 -1.52	67.87 3.36 0.00	97.31 4.17 0.00	109.08 4.08 0.00	117.54 4.26 0.00	99.04 4.03 0.00	112.33 5.89 0.00	86.22 4.67 0.00	89.90 4.64 0.00	88.18 4.48 0.00	84.73 3.85 0.00	78.46 3.12 0.00	64.24 2.24 0.00
ST_LAW_115_BK7_LBMP 345037	190.76 1.51 0.00	141.87 0.53 0.00	138.14 0.25 0.00	134.65 -0.13 0.00	137.96 -0.07 0.00	131.25 -0.60 0.00	129.02 -1.14 0.00	167.04 -2.16 0.00	93.18 -0.84 0.00	123.14 -0.75 0.00	72.67 -0.18 0.00	66.13 -0.23 0.00	64.16 -0.35 0.00	93.02 -0.12 0.00	105.41 0.41 0.00	114.35 1.07 0.00	95.73 0.72 0.00	105.69 -0.76 0.00	80.82 -0.73 0.00	84.74 -0.53 0.00	83.34 -0.36 0.00	81.10 0.22 0.00	75.83 0.49 0.00	62.57 0.57 0.00

ST_LAW_115_BK8_LBMP 345038	190.76 1.51 0.00	141.87 0.53 0.00	138.14 0.25 0.00	134.65 -0.13 0.00	137.96 -0.07 0.00	131.25 -0.60 0.00	129.02 -1.14 0.00	167.04 -2.16 0.00	93.18 -0.84 0.00	123.14 -0.75 0.00	72.67 -0.18 0.00	66.13 -0.23 0.00	64.16 -0.35 0.00	93.02 -0.12 0.00	105.41 0.41 0.00	114.35 1.07 0.00	95.73 0.72 0.00	105.69 -0.76 0.00	80.82 -0.73 0.00	84.74 -0.53 0.00	83.34 -0.36 0.00	81.10 0.22 0.00	75.83 0.49 0.00	62.57 0.57 0.00
ST_LAW_230_BK5_LBMP 345035	190.56 1.31 0.00	141.73 0.39 0.00	138.07 0.18 0.00	134.60 -0.18 0.00	137.92 -0.10 0.00	131.25 -0.60 0.00	129.03 -1.13 0.00	167.05 -2.15 0.00	93.17 -0.85 0.00	123.11 -0.78 0.00	72.65 -0.21 0.00	66.09 -0.27 0.00	64.12 -0.38 0.00	92.95 -0.18 0.00	105.31 0.31 0.00	114.23 0.95 0.00	95.64 0.63 0.00	105.67 -0.78 0.00	80.82 -0.73 0.00	84.73 -0.55 0.00	83.32 -0.38 0.00	81.03 0.14 0.00	75.72 0.38 0.00	62.46 0.45 0.00
ST_LAW_230_BK6_LBMP 345036	190.56 1.31 0.00	141.73 0.39 0.00	138.07 0.18 0.00	134.60 -0.18 0.00	137.92 -0.10 0.00	131.25 -0.60 0.00	129.03 -1.13 0.00	167.05 -2.15 0.00	93.17 -0.85 0.00	123.11 -0.78 0.00	72.65 -0.21 0.00	66.09 -0.27 0.00	64.12 -0.38 0.00	92.95 -0.18 0.00	105.31 0.31 0.00	114.23 0.95 0.00	95.64 0.63 0.00	105.67 -0.78 0.00	80.82 -0.73 0.00	84.73 -0.55 0.00	83.32 -0.38 0.00	81.03 0.14 0.00	75.72 0.38 0.00	62.46 0.45 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	193.33 4.09 0.00	145.02 3.68 0.00	141.46 3.56 0.00	138.49 3.70 0.00	141.83 3.80 0.00	136.24 4.39 0.00	143.86 5.42 -8.28	199.25 7.98 -22.06	152.23 4.10 -54.11	153.45 5.11 -24.44	75.69 2.75 -0.09	70.05 2.71 -0.99	67.20 2.70 0.00	96.34 3.21 0.00	108.06 3.07 0.00	116.29 3.01 0.00	98.02 3.02 0.00	111.16 4.71 0.00	85.33 3.78 0.00	88.98 3.71 0.00	87.32 3.62 0.00	83.89 3.01 0.00	77.76 2.42 0.00	63.73 1.72 0.00
SWANROAD_115KV_TB1 355699	175.41 -13.84 0.00	129.93 -11.41 0.00	126.65 -11.25 0.00	123.41 -11.37 0.00	126.33 -11.70 0.00	120.83 -11.02 0.00	118.05 -11.32 0.79	153.61 -15.59 0.00	85.20 -8.82 0.00	107.19 -12.39 4.31	63.58 -7.06 2.21	57.92 -7.35 1.09	56.80 -7.70 0.00	83.29 -9.84 0.00	95.12 -9.87 0.00	101.74 -11.54 0.00	82.92 -12.08 0.00	92.68 -13.66 0.11	71.16 -10.35 0.04	74.01 -11.26 0.00	72.44 -11.26 0.00	70.70 -10.18 0.00	66.52 -8.82 0.00	55.73 -6.27 0.00
SYNERGY___BIOGAS 323694	183.41 -5.84 0.00	135.97 -5.37 0.00	132.52 -5.38 0.00	129.32 -5.46 0.00	132.53 -5.50 0.00	127.19 -4.66 0.00	124.98 -4.39 0.79	163.36 -5.84 0.00	85.21 -3.34 5.47	113.51 -5.34 5.05	64.85 -2.99 5.01	61.81 -3.66 0.90	60.40 -4.10 0.00	88.51 -4.62 0.00	100.67 -4.32 0.00	107.92 -5.36 0.00	88.79 -6.21 0.00	99.80 -6.56 0.09	76.63 -4.88 0.03	79.60 -5.67 0.00	77.81 -5.89 0.00	75.49 -5.39 0.00	70.66 -4.67 0.00	58.64 -3.26 0.10
SYRACUSE___ENERGY_ST1 323597	184.71 -4.54 0.00	137.98 -3.36 0.00	134.66 -3.24 0.00	131.75 -3.03 0.00	134.92 -3.11 0.00	129.16 -2.69 0.00	127.81 -2.35 0.00	165.95 -3.25 0.00	91.84 -2.18 0.00	120.66 -3.24 0.00	70.84 -2.02 0.00	64.35 -2.00 0.00	62.61 -1.90 0.00	90.55 -2.59 0.00	102.27 -2.73 0.00	110.69 -2.59 0.00	92.66 -2.35 0.00	104.06 -2.39 0.00	79.73 -1.82 0.00	83.16 -2.11 0.00	81.21 -2.49 0.00	78.24 -2.64 0.00	72.87 -2.47 0.00	59.92 -2.08 0.00
SYRACUSE___ENERGY_ST2 323598	184.71 -4.54 0.00	137.98 -3.36 0.00	134.66 -3.24 0.00	131.75 -3.03 0.00	134.92 -3.11 0.00	129.16 -2.69 0.00	127.81 -2.35 0.00	165.95 -3.25 0.00	91.84 -2.18 0.00	120.66 -3.24 0.00	70.84 -2.02 0.00	64.35 -2.00 0.00	62.61 -1.90 0.00	90.55 -2.59 0.00	102.27 -2.73 0.00	110.69 -2.59 0.00	92.66 -2.35 0.00	104.06 -2.39 0.00	79.73 -1.82 0.00	83.16 -2.11 0.00	81.21 -2.49 0.00	78.24 -2.64 0.00	72.87 -2.47 0.00	59.92 -2.08 0.00
SYRACUSE___POWER 24017	185.77 -3.48 0.00	138.77 -2.57 0.00	135.36 -2.54 0.00	132.42 -2.36 0.00	135.60 -2.43 0.00	129.79 -2.06 0.00	128.67 -1.71 -0.22	166.91 -2.30 0.00	92.36 -1.66 0.00	123.01 -2.52 -1.64	72.07 -1.62 -0.84	65.13 -1.64 -0.41	62.84 -1.66 0.00	90.84 -2.29 0.00	102.67 -2.32 0.00	110.77 -2.51 0.00	92.65 -2.36 0.00	104.22 -2.25 -0.03	79.90 -1.66 -0.01	83.37 -1.91 0.00	81.54 -2.15 0.00	78.63 -2.25 0.00	73.22 -2.12 0.00	60.22 -1.78 0.00
TALLMAN___138KV_BK151 55660	193.08 3.83 0.00	144.92 3.59 0.00	141.38 3.48 0.00	138.36 3.58 0.00	141.74 3.71 0.00	136.30 4.46 0.00	144.30 5.64 -8.50	200.33 8.44 -22.68	153.95 4.30 -55.63	154.38 5.35 -25.14	75.81 2.87 -0.09	70.23 2.86 -1.01	67.35 2.84 0.00	96.49 3.36 0.00	108.28 3.28 0.00	116.43 3.15 0.00	98.17 3.16 0.00	111.44 4.99 0.00	85.52 3.98 0.00	89.16 3.89 0.00	87.55 3.86 0.00	84.07 3.19 0.00	77.86 2.52 0.00	63.80 1.80 0.00
TEALLAVE_115KV_TB7 355573	184.69 -4.55 0.00	137.94 -3.40 0.00	134.64 -3.25 0.00	131.69 -3.09 0.00	134.88 -3.14 0.00	129.11 -2.74 0.00	127.71 -2.46 0.00	165.72 -3.48 0.00	91.70 -2.32 0.00	120.53 -3.36 0.00	70.78 -2.07 0.00	64.31 -2.05 0.00	62.45 -2.05 0.00	90.30 -2.84 0.00	101.96 -3.03 0.00	109.89 -3.39 0.00	91.96 -3.05 0.00	103.42 -3.03 0.00	79.28 -2.27 0.00	82.73 -2.54 0.00	80.98 -2.71 0.00	78.08 -2.80 0.00	72.72 -2.62 0.00	59.84 -2.17 0.00
TELGRAPH_34_KV_EAST 80808	179.35 -9.89 0.00	132.92 -8.42 0.00	129.54 -8.35 0.00	126.36 -8.43 0.00	129.44 -8.59 0.00	123.96 -7.89 0.00	121.53 -7.90 0.72	158.54 -10.67 0.00	87.93 -6.09 0.00	111.16 -8.85 3.88	65.86 -5.00 1.99	59.94 -5.45 0.98	58.69 -5.81 0.00	86.01 -7.12 0.00	97.98 -7.01 0.00	104.86 -8.42 0.00	85.94 -9.07 0.00	96.33 -10.01 0.10	73.97 -7.54 0.04	76.81 -8.46 0.00	75.15 -8.55 0.00	73.14 -7.74 0.00	68.64 -6.70 0.00	57.25 -4.76 0.00
TEMPLE___115KV_TB 2 55572	184.82 -4.42 0.00	138.05 -3.29 0.00	134.67 -3.23 0.00	131.75 -3.03 0.00	134.91 -3.12 0.00	129.13 -2.72 0.00	127.76 -2.40 0.00	165.80 -3.40 0.00	91.71 -2.31 0.00	120.55 -3.34 0.00	70.79 -2.06 0.00	64.32 -2.04 0.00	62.48 -2.02 0.00	90.32 -2.82 0.00	102.02 -2.98 0.00	109.92 -3.36 0.00	91.99 -3.02 0.00	103.47 -2.98 0.00	79.31 -2.23 0.00	82.76 -2.51 0.00	81.01 -2.69 0.00	78.11 -2.77 0.00	72.77 -2.57 0.00	59.86 -2.14 0.00
TIANA____69_KV_BK 1 55817	196.04 6.79 0.00	150.35 9.02 0.00	145.50 7.61 0.00	142.60 7.82 0.00	147.60 9.58 0.00	142.44 10.59 0.00	150.14 11.08 -8.90	206.97 14.01 -23.75	159.50 7.23 -58.26	163.58 9.33 -30.35	111.87 6.49 -32.53	105.81 6.29 -33.16	112.36 6.28 -41.57	100.89 7.76 0.00	111.78 6.78 0.00	120.80 7.52 0.00	102.64 7.64 0.00	123.25 10.95 -5.85	89.36 7.81 0.00	93.01 7.74 0.00	90.74 7.04 0.00	86.54 5.65 0.00	80.46 5.12 0.00	65.86 3.86 0.00
TILDEN___115KV_TB1 80814	185.77 -3.48 0.00	138.77 -2.57 0.00	135.36 -2.54 0.00	132.42 -2.36 0.00	135.60 -2.43 0.00	129.79 -2.06 0.00	128.67 -1.71 -0.22	166.91 -2.30 0.00	92.36 -1.66 0.00	123.01 -2.52 -1.64	72.07 -1.62 -0.84	65.13 -1.64 -0.41	62.84 -1.66 0.00	90.84 -2.29 0.00	102.67 -2.32 0.00	110.77 -2.51 0.00	92.65 -2.36 0.00	104.22 -2.25 -0.03	79.90 -1.66 -0.01	83.37 -1.91 0.00	81.54 -2.15 0.00	78.63 -2.25 0.00	73.22 -2.12 0.00	60.22 -1.78 0.00

TRIGEN___CC 323695	195.13 5.89 0.00	147.12 5.78 0.00	143.10 5.20 0.00	140.14 5.36 0.00	143.99 5.96 0.00	138.70 6.85 0.00	147.16 8.10 -8.90	204.05 11.09 -23.75	157.81 5.53 -58.26	161.26 7.02 -30.35	109.71 4.32 -32.53	103.80 4.28 -33.16	110.42 4.34 -41.57	98.40 5.27 0.00	109.92 4.93 0.00	118.41 5.14 0.00	100.15 5.15 0.00	119.84 7.54 -5.85	87.24 5.69 0.00	90.88 5.61 0.00	89.07 5.37 0.00	85.34 4.46 0.00	79.27 3.93 0.00	65.02 3.02 0.00
TRINITY___115KV___4 BK 55933	194.78 5.53 0.00	146.10 4.76 0.00	142.70 4.80 0.00	139.73 4.95 0.00	142.96 4.93 0.00	136.30 4.46 0.00	185.91 4.55 -51.20	304.91 5.75 -129.96	409.45 2.93 -312.50	269.68 3.97 -141.81	75.66 2.31 -0.50	74.43 2.34 -5.74	66.84 2.33 0.00	95.91 2.78 0.00	107.51 2.52 0.00	114.91 1.63 0.00	96.63 1.62 0.00	109.20 2.76 0.00	83.93 2.38 0.00	87.52 2.25 0.00	85.86 2.16 0.00	82.70 1.82 0.00	77.41 2.07 0.00	63.95 1.95 0.00
UNION___PROCESSING_DRP 323587	182.10 -7.15 0.00	135.32 -6.02 0.00	131.95 -5.95 0.00	128.92 -5.86 0.00	132.09 -5.94 0.00	126.59 -5.26 0.00	124.63 -5.02 0.51	162.49 -6.72 0.00	90.02 -4.00 0.00	115.49 -5.92 2.48	68.19 -3.39 1.27	62.08 -3.66 0.63	60.65 -3.85 0.00	88.43 -4.70 0.00	100.40 -4.60 0.00	107.77 -5.51 0.00	89.32 -5.69 0.00	100.32 -6.06 0.06	76.95 -4.57 0.02	80.11 -5.16 0.00	78.36 -5.34 0.00	75.86 -5.02 0.00	70.90 -4.44 0.00	58.67 -3.34 0.00
UPPER HUDSON___HYD 24058	204.52 15.28 0.00	153.13 11.79 0.00	149.35 11.45 0.00	146.40 11.62 0.00	150.05 12.02 0.00	143.73 11.88 0.00	239.55 12.62 -96.77	444.48 16.86 -258.42	734.52 8.94 -631.57	421.91 11.11 -286.91	79.93 6.06 -1.01	83.72 5.77 -11.59	69.83 5.33 0.00	100.28 7.15 0.00	112.71 7.71 0.00	121.87 8.59 0.00	102.26 7.25 0.00	116.20 9.75 0.00	89.24 7.69 0.00	92.99 7.72 0.00	91.10 7.41 0.00	87.80 6.92 0.00	81.53 6.20 0.00	66.90 4.90 0.00
UPPER RAQUET___HYD 24056	193.55 4.31 0.00	143.84 2.51 0.00	140.03 2.13 0.00	136.52 1.74 0.00	139.42 1.39 0.00	131.98 0.13 0.00	129.88 -0.28 0.00	168.38 -0.83 0.00	94.02 -0.01 0.00	124.87 0.98 0.00	73.58 0.73 0.00	66.78 0.42 0.00	64.80 0.30 0.00	93.77 0.64 0.00	106.24 1.24 0.00	114.87 1.59 0.00	96.24 1.24 0.00	106.09 -0.36 0.00	81.13 -0.42 0.00	84.93 -0.35 0.00	83.54 -0.16 0.00	81.58 0.70 0.00	77.21 1.87 0.00	63.88 1.88 0.00
VALLEY44_115KV_TB2 355964	180.77 -8.48 0.00	134.28 -7.05 0.00	130.97 -6.93 0.00	127.83 -6.95 0.00	130.05 -7.98 0.00	124.25 -7.60 0.00	121.26 -7.79 1.11	164.28 -9.43 -4.50	102.61 -6.04 -14.63	115.23 -8.92 -0.26	64.63 -4.98 3.24	60.23 -4.80 1.33	59.81 -4.70 0.00	87.66 -5.47 0.00	99.60 -5.40 0.00	105.61 -7.67 0.00	86.36 -8.65 0.00	97.33 -8.95 0.16	74.91 -6.57 0.06	77.95 -7.32 0.00	76.40 -7.29 0.00	74.31 -6.57 0.00	70.00 -5.34 0.00	58.15 -3.86 0.00
VALLEY___115KV_TB 1-4 80826	195.75 6.51 0.00	146.76 5.42 0.00	143.32 5.42 0.00	140.28 5.50 0.00	143.62 5.59 0.00	137.77 5.92 0.00	136.87 6.70 0.00	179.08 9.87 0.00	99.07 5.05 0.00	130.16 6.27 0.00	75.93 3.08 0.00	68.94 2.58 0.00	67.14 2.63 0.00	96.15 3.02 0.00	107.79 2.79 0.00	116.30 3.02 0.00	97.64 2.64 0.00	111.12 4.67 0.00	85.23 3.68 0.00	88.63 3.36 0.00	86.58 2.88 0.00	83.34 2.46 0.00	77.46 2.12 0.00	63.62 1.62 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	199.30 10.05 0.00	149.23 7.89 0.00	145.84 7.94 0.00	142.60 7.82 0.00	145.93 7.90 0.00	139.79 7.95 0.00	151.54 8.23 -13.15	215.23 10.95 -35.08	185.67 5.80 -85.84	170.27 7.47 -38.90	77.12 4.13 -0.14	71.51 3.58 -1.57	67.92 3.42 0.00	97.81 4.67 0.00	110.04 5.04 0.00	118.59 5.31 0.00	99.45 4.45 0.00	112.10 5.65 0.00	85.88 4.33 0.00	89.65 4.38 0.00	87.84 4.14 0.00	84.67 3.79 0.00	78.52 3.18 0.00	64.50 2.49 0.00
VISCHER___FERRY HYD 24020	197.45 8.21 0.00	147.94 6.60 0.00	144.44 6.54 0.00	141.52 6.74 0.00	144.85 6.83 0.00	138.47 6.62 0.00	215.03 7.05 -77.82	389.35 9.43 -210.72	615.26 5.06 -516.17	365.67 6.48 -235.30	77.09 3.41 -0.83	79.24 3.33 -9.55	67.82 3.32 0.00	97.46 4.33 0.00	109.37 4.37 0.00	117.75 4.47 0.00	98.86 3.85 0.00	111.96 5.51 0.00	85.99 4.45 0.00	89.66 4.39 0.00	88.03 4.33 0.00	84.79 3.91 0.00	78.94 3.60 0.00	64.90 2.90 0.00
V_A_10_SYNC_DSASP 323832	177.55 -11.69 0.00	131.67 -9.67 0.00	128.37 -9.53 0.00	125.39 -9.39 0.00	128.35 -9.68 0.00	122.85 -8.99 0.00	120.16 -9.23 0.77	156.67 -12.54 0.00	81.06 -7.19 5.78	108.61 -10.33 4.95	61.85 -5.91 5.10	59.44 -6.07 0.85	58.24 -6.26 0.00	85.23 -7.90 0.00	97.08 -7.92 0.00	103.90 -9.38 0.00	85.52 -9.48 0.00	95.84 -10.51 0.09	73.54 -7.98 0.03	76.53 -8.74 0.00	74.87 -8.82 0.00	72.80 -8.08 0.00	68.32 -7.02 0.00	56.74 -5.15 0.10
V_CMM_10_SYNC_DSASP 323787	191.71 2.46 0.00	142.58 1.24 0.00	138.84 0.95 0.00	135.33 0.54 0.00	138.69 0.66 0.00	131.98 0.13 0.00	129.73 -0.43 0.00	167.92 -1.29 0.00	93.68 -0.34 0.00	123.79 -0.11 0.00	73.06 0.20 0.00	66.47 0.11 0.00	64.49 -0.02 0.00	93.51 0.37 0.00	105.97 0.98 0.00	114.96 1.68 0.00	96.23 1.23 0.00	106.24 -0.20 0.00	81.24 -0.30 0.00	85.16 -0.10 0.00	83.76 0.07 0.00	81.51 0.63 0.00	76.21 0.87 0.00	62.89 0.89 0.00
V_CMP_10_SYNC_DSASP 323788	195.31 6.06 0.00	145.63 4.29 0.00	142.06 4.16 0.00	138.68 3.90 0.00	141.66 3.64 0.00	134.10 2.25 0.00	132.06 1.90 0.00	170.61 1.41 0.00	95.07 1.05 0.00	125.32 1.42 0.00	73.71 0.86 0.00	67.03 0.67 0.00	64.84 0.33 0.00	93.32 0.18 0.00	105.56 0.56 0.00	115.70 2.42 0.00	97.33 2.32 0.00	106.78 0.34 0.00	81.76 0.21 0.00	85.62 0.35 0.00	84.18 0.48 0.00	81.76 0.88 0.00	76.25 0.91 0.00	63.26 1.26 0.00
V_D_10_SYNC_DSASP 323841	192.89 3.64 0.00	143.42 2.08 0.00	139.67 1.78 0.00	136.12 1.34 0.00	139.41 1.39 0.00	132.55 0.70 0.00	130.36 0.20 0.00	168.76 -0.44 0.00	94.16 0.14 0.00	124.51 0.62 0.00	73.43 0.58 0.00	66.78 0.42 0.00	64.81 0.31 0.00	93.96 0.83 0.00	106.51 1.52 0.00	115.51 2.23 0.00	96.70 1.70 0.00	106.75 0.31 0.00	81.63 0.08 0.00	85.55 0.28 0.00	84.14 0.44 0.00	81.92 1.04 0.00	76.94 1.60 0.00	63.49 1.49 0.00
V_E_10_SYNC_DSASP 323830	200.57 11.33 0.00	150.33 8.99 0.00	147.07 9.17 0.00	144.55 9.77 0.00	149.16 11.13 0.00	143.69 11.84 0.00	150.28 12.68 -7.43	203.01 17.58 -16.22	145.30 9.54 -41.74	162.99 11.65 -27.45	85.10 6.55 -5.70	74.78 5.45 -2.97	68.88 4.37 0.00	99.34 6.21 0.00	113.54 8.55 0.00	120.78 7.50 0.00	99.19 4.19 0.00	112.01 5.37 -0.19	85.23 3.61 -0.07	89.68 4.41 0.00	89.06 5.36 0.00	86.08 5.20 0.00	80.08 4.74 0.00	66.01 3.97 -0.03
V_F_30_NSYNC___DSASP 323816	200.86 11.61 0.00	150.40 9.06 0.00	146.79 8.90 0.00	143.81 9.03 0.00	147.26 9.23 0.00	140.92 9.07 0.00	233.89 9.61 -94.13	433.83 12.86 -251.76	716.39 6.89 -615.48	412.35 8.70 -279.75	78.56 4.72 -0.99	82.09 4.40 -11.33	68.74 4.24 0.00	98.80 5.67 0.00	111.01 6.01 0.00	119.90 6.62 0.00	100.64 5.64 0.00	114.01 7.56 0.00	87.52 5.97 0.00	91.24 5.97 0.00	89.48 5.78 0.00	86.19 5.30 0.00	80.09 4.75 0.00	65.79 3.79 0.00

V_F_30_SYNC_DSASP 323786	195.46 6.21 0.00	146.61 5.27 0.00	143.16 5.26 0.00	140.14 5.36 0.00	143.39 5.36 0.00	136.75 4.90 0.00	197.28 5.07 -62.06	338.55 6.33 -163.02	493.01 3.33 -395.66	308.38 4.29 -180.19	76.00 2.51 -0.64	76.21 2.55 -7.30	67.10 2.60 0.00	96.29 3.15 0.00	107.97 2.97 0.00	115.44 2.16 0.00	97.09 2.08 0.00	109.71 3.27 0.00	84.31 2.76 0.00	87.90 2.63 0.00	86.22 2.52 0.00	83.02 2.13 0.00	77.67 2.33 0.00	64.15 2.15 0.00
V_XM_10_SYNC_DSASP 323789	195.31 6.06 0.00	145.63 4.29 0.00	142.06 4.16 0.00	138.68 3.90 0.00	141.66 3.64 0.00	134.10 2.25 0.00	132.06 1.90 0.00	170.61 1.41 0.00	95.07 1.05 0.00	125.32 1.42 0.00	73.71 0.86 0.00	67.03 0.67 0.00	64.84 0.33 0.00	93.32 0.18 0.00	105.56 0.56 0.00	115.70 2.42 0.00	97.33 2.32 0.00	106.78 0.34 0.00	81.76 0.21 0.00	85.62 0.35 0.00	84.18 0.48 0.00	81.76 0.88 0.00	76.25 0.91 0.00	63.26 1.26 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	193.81 4.56 0.00	145.43 4.09 0.00	141.85 3.95 0.00	138.82 4.04 0.00	142.25 4.22 0.00	136.77 4.92 0.00	144.84 6.12 -8.56	201.13 9.10 -22.83	154.70 4.70 -55.98	155.06 5.87 -25.30	76.11 3.17 -0.09	70.51 3.13 -1.02	67.61 3.11 0.00	96.88 3.75 0.00	108.67 3.67 0.00	116.89 3.61 0.00	98.56 3.55 0.00	111.88 5.44 0.00	85.88 4.34 0.00	89.54 4.27 0.00	87.89 4.19 0.00	84.39 3.51 0.00	78.14 2.80 0.00	64.02 2.01 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	194.23 4.98 0.00	145.83 4.49 0.00	142.10 4.20 0.00	139.04 4.26 0.00	142.53 4.51 0.00	137.16 5.32 0.00	145.75 6.69 -8.90	202.88 9.92 -23.76	157.47 5.18 -58.27	156.80 6.57 -26.34	76.62 3.67 -0.09	71.05 3.63 -1.07	68.19 3.69 0.00	97.61 4.47 0.00	109.45 4.45 0.00	117.75 4.47 0.00	99.24 4.23 0.00	112.70 6.25 0.00	86.48 4.93 0.00	90.15 4.87 0.00	88.42 4.72 0.00	84.80 3.92 0.00	78.56 3.22 0.00	64.37 2.37 0.00
W50THST__13_KV_LOAD 356117	195.22 5.98 0.00	146.54 5.20 0.00	142.76 4.86 0.00	139.70 4.92 0.00	143.22 5.20 0.00	137.90 6.05 0.00	146.62 7.56 -8.90	204.19 11.22 -23.76	158.20 5.91 -58.27	157.99 7.63 -26.47	77.27 4.33 -0.09	71.70 4.27 -1.07	68.81 4.31 0.00	98.49 5.36 0.00	110.47 5.47 0.00	118.83 5.55 0.00	100.18 5.17 0.00	113.73 7.28 0.00	87.21 5.66 0.00	90.89 5.61 0.00	89.11 5.42 0.00	85.44 4.55 0.00	79.15 3.82 0.00	64.87 2.87 0.00
WADING RIVER_IC_1 23522	195.04 5.79 0.00	149.52 8.19 0.00	144.50 6.61 0.00	141.67 6.89 0.00	146.77 8.74 0.00	141.58 9.73 0.00	149.22 10.16 -8.90	206.03 13.07 -23.75	158.86 6.58 -58.26	162.60 8.36 -30.35	111.41 6.02 -32.53	105.44 5.92 -33.16	111.98 5.91 -41.57	100.38 7.25 0.00	111.44 6.44 0.00	120.29 7.01 0.00	102.17 7.16 0.00	122.71 10.41 -5.85	89.03 7.48 0.00	92.65 7.38 0.00	90.54 6.84 0.00	86.41 5.53 0.00	80.41 5.08 0.00	65.83 3.83 0.00
WADING RIVER_IC_2 23547	195.04 5.79 0.00	149.52 8.19 0.00	144.50 6.61 0.00	141.67 6.89 0.00	146.77 8.74 0.00	141.58 9.73 0.00	149.22 10.16 -8.90	206.03 13.07 -23.75	158.86 6.58 -58.26	162.60 8.36 -30.35	111.41 6.02 -32.53	105.44 5.92 -33.16	111.98 5.91 -41.57	100.38 7.25 0.00	111.44 6.44 0.00	120.29 7.01 0.00	102.17 7.16 0.00	122.71 10.41 -5.85	89.03 7.48 0.00	92.65 7.38 0.00	90.54 6.84 0.00	86.41 5.53 0.00	80.41 5.08 0.00	65.83 3.83 0.00
WADING RIVER_IC_3 23601	195.04 5.79 0.00	149.52 8.19 0.00	144.50 6.61 0.00	141.67 6.89 0.00	146.77 8.74 0.00	141.58 9.73 0.00	149.22 10.16 -8.90	206.03 13.07 -23.75	158.86 6.58 -58.26	162.60 8.36 -30.35	111.41 6.02 -32.53	105.44 5.92 -33.16	111.98 5.91 -41.57	100.38 7.25 0.00	111.44 6.44 0.00	120.29 7.01 0.00	102.17 7.16 0.00	122.71 10.41 -5.85	89.03 7.48 0.00	92.65 7.38 0.00	90.54 6.84 0.00	86.41 5.53 0.00	80.41 5.08 0.00	65.83 3.83 0.00
WALDENNY_12_KV_BK2 80841	180.78 -8.47 0.00	133.86 -7.48 0.00	130.44 -7.45 0.00	127.25 -7.53 0.00	130.15 -7.88 0.00	124.43 -7.41 0.00	121.81 -7.45 0.90	159.35 -9.85 0.00	88.27 -5.75 0.00	110.36 -8.49 5.05	65.40 -4.86 2.59	59.77 -5.32 1.27	58.88 -5.62 0.00	86.47 -6.66 0.00	98.48 -6.51 0.00	105.13 -8.15 0.00	86.29 -8.72 0.00	96.85 -9.46 0.13	74.53 -6.97 0.05	77.44 -7.83 0.00	75.80 -7.90 0.00	73.76 -7.13 0.00	69.32 -6.02 0.00	57.76 -4.24 0.00
WALDEN__HYDRO 24148	194.97 5.73 0.00	146.27 4.93 0.00	142.62 4.72 0.00	139.58 4.79 0.00	142.99 4.96 0.00	137.41 5.56 0.00	145.69 6.60 -8.93	202.43 9.53 -23.69	157.16 5.00 -58.14	156.46 6.36 -26.20	76.37 3.43 -0.09	70.72 3.31 -1.06	67.78 3.28 0.00	97.16 4.03 0.00	108.94 3.94 0.00	117.31 4.03 0.00	98.88 3.87 0.00	112.21 5.77 0.00	86.14 4.59 0.00	89.80 4.53 0.00	88.10 4.40 0.00	84.63 3.75 0.00	78.41 3.07 0.00	64.22 2.22 0.00
WARRENSBURG____ 23737	204.52 15.28 0.00	153.13 11.79 0.00	149.35 11.45 0.00	146.40 11.62 0.00	150.05 12.02 0.00	143.73 11.88 0.00	239.55 12.62 -96.77	444.48 16.86 -258.42	734.52 8.94 -631.57	421.91 11.11 -286.91	79.93 6.06 -1.01	83.72 5.77 -11.59	69.83 5.33 0.00	100.28 7.15 0.00	112.71 7.71 0.00	121.87 8.59 0.00	102.26 7.25 0.00	116.20 9.75 0.00	89.24 7.69 0.00	92.99 7.72 0.00	91.10 7.41 0.00	87.80 6.92 0.00	81.53 6.20 0.00	66.90 4.90 0.00
WATERSIDE____6 8 9 23538	194.06 4.81 0.00	145.70 4.36 0.00	141.94 4.04 0.00	138.88 4.09 0.00	142.38 4.35 0.00	137.07 5.22 0.00	145.77 6.70 -8.90	203.00 10.03 -23.76	157.56 5.27 -58.27	157.57 6.66 -27.01	76.67 3.72 -0.09	71.10 3.68 -1.07	68.24 3.74 0.00	97.66 4.53 0.00	109.52 4.53 0.00	117.83 4.55 0.00	99.30 4.29 0.00	112.78 6.34 0.00	86.55 5.00 0.00	90.22 4.95 0.00	88.52 4.83 0.00	84.91 4.03 0.00	78.57 3.24 0.00	64.38 2.38 0.00
WATKINRD_115KV_LN8_ILLION 55919	199.91 10.66 0.00	150.10 8.76 0.00	146.68 8.78 0.00	143.70 8.92 0.00	147.06 9.03 0.00	141.23 9.38 0.00	140.70 10.54 0.00	184.58 15.37 0.00	101.84 7.82 0.00	133.53 9.64 0.00	77.53 4.68 0.00	70.22 3.86 0.00	68.47 3.97 0.00	97.75 4.61 0.00	109.18 4.19 0.00	117.86 4.58 0.00	99.13 4.13 0.00	113.82 7.37 0.00	87.44 5.89 0.00	90.81 5.54 0.00	88.65 4.95 0.00	85.23 4.35 0.00	78.95 3.61 0.00	64.73 2.73 0.00
WATSON__69_KV_BK 1 55734	197.76 8.51 0.00	149.84 8.50 0.00	145.50 7.61 0.00	142.60 7.81 0.00	146.93 8.90 0.00	141.75 9.90 0.00	150.16 11.10 -8.90	207.78 14.82 -23.75	159.64 7.36 -58.26	163.60 9.36 -30.35	111.63 6.24 -32.53	105.66 6.14 -33.16	112.29 6.21 -41.57	100.93 7.80 0.00	112.34 7.35 0.00	121.03 7.75 0.00	102.68 7.68 0.00	123.11 10.82 -5.85	89.41 7.86 0.00	93.22 7.94 0.00	91.27 7.57 0.00	87.20 6.31 0.00	81.13 5.79 0.00	66.44 4.44 0.00
WDELAWARE__HYD 323627	192.27 3.02 0.00	144.17 2.83 0.00	140.56 2.66 0.00	137.53 2.75 0.00	140.93 2.90 0.00	135.44 3.59 0.00	144.40 4.67 -9.57	201.17 6.98 -24.99	158.91 3.65 -61.24	155.91 4.65 -27.37	75.31 2.36 -0.10	69.71 2.25 -1.10	66.72 2.22 0.00	95.66 2.53 0.00	107.02 2.03 0.00	115.47 2.19 0.00	97.41 2.40 0.00	110.53 4.09 0.00	84.86 3.31 0.00	88.48 3.21 0.00	86.76 3.06 0.00	83.31 2.43 0.00	77.09 1.75 0.00	63.06 1.06 0.00

WEST BABYLON___IC 23714	197.24 7.99 0.00	149.21 7.87 0.00	144.96 7.06 0.00	142.05 7.26 0.00	146.22 8.19 0.00	141.05 9.20 0.00	149.52 10.46 -8.90	207.07 14.11 -23.75	159.28 7.00 -58.26	163.09 8.85 -30.35	111.18 5.79 -32.53	105.20 5.68 -33.16	111.82 5.74 -41.57	100.32 7.19 0.00	111.73 6.74 0.00	120.40 7.12 0.00	102.08 7.07 0.00	122.37 10.08 -5.85	88.97 7.42 0.00	92.72 7.45 0.00	90.81 7.11 0.00	86.84 5.95 0.00	80.76 5.42 0.00	66.15 4.15 0.00
WEST CANADA___HYD 24049	189.82 0.57 0.00	141.91 0.57 0.00	138.54 0.65 0.00	135.47 0.69 0.00	138.73 0.70 0.00	132.69 0.84 0.00	131.13 0.97 0.00	170.95 1.74 0.00	95.00 0.99 0.00	125.23 1.34 0.00	73.52 0.67 0.00	67.01 0.65 0.00	65.13 0.63 0.00	93.85 0.72 0.00	105.65 0.65 0.00	113.91 0.63 0.00	95.63 0.62 0.00	107.44 0.99 0.00	82.36 0.81 0.00	86.03 0.76 0.00	84.43 0.73 0.00	81.47 0.58 0.00	75.85 0.51 0.00	62.38 0.37 0.00
WESTERN_NY_WIND 24143	183.15 -6.09 0.00	135.73 -5.61 0.00	132.28 -5.62 0.00	129.13 -5.65 0.00	132.34 -5.69 0.00	126.95 -4.90 0.00	124.82 -4.65 0.69	163.02 -6.18 0.00	90.44 -3.59 0.00	114.66 -5.57 3.66	67.84 -3.13 1.88	61.67 -3.77 0.92	60.30 -4.20 0.00	88.34 -4.79 0.00	100.48 -4.52 0.00	107.68 -5.60 0.00	88.57 -6.44 0.00	99.54 -6.81 0.09	76.44 -5.07 0.03	79.41 -5.86 0.00	77.60 -6.09 0.00	75.32 -5.57 0.00	70.51 -4.83 0.00	58.63 -3.37 0.00
WESTOVER___LESR 323668	187.15 -2.10 0.00	139.85 -1.49 0.00	136.32 -1.58 0.00	133.50 -1.29 0.00	136.52 -1.50 0.00	130.56 -1.29 0.00	132.68 -0.97 -3.49	179.59 -0.48 -10.86	120.00 -0.83 -26.82	131.40 -1.49 -9.00	70.14 -1.15 1.56	64.91 -1.15 0.30	63.52 -0.98 0.00	91.65 -1.49 0.00	103.48 -1.51 0.00	111.25 -2.03 0.00	92.96 -2.05 0.00	104.60 -1.78 0.07	80.29 -1.23 0.03	83.91 -1.36 0.00	82.13 -1.57 0.00	79.29 -1.59 0.00	73.93 -1.40 0.00	60.85 -1.15 0.00
WETHRSFD_WT_PWR 323626	179.69 -9.56 0.00	133.34 -8.00 0.00	130.14 -7.76 0.00	127.36 -7.42 0.00	129.72 -8.31 0.00	123.15 -8.70 0.00	120.56 -8.30 1.30	163.43 -10.33 -4.55	99.79 -6.00 -11.77	113.47 -9.09 1.34	61.77 -5.67 5.42	58.74 -6.08 1.54	58.38 -6.13 0.00	85.79 -7.34 0.00	97.56 -7.43 0.00	103.49 -9.79 0.00	85.48 -9.53 0.00	96.25 -10.01 0.18	74.80 -6.69 0.06	77.98 -7.29 0.00	76.39 -7.31 0.00	74.35 -6.54 0.00	69.78 -5.56 0.00	57.96 -3.99 0.05
WHAVSTOR_138KV_BK127 55557	192.86 3.61 0.00	144.77 3.43 0.00	141.24 3.34 0.00	138.22 3.44 0.00	141.59 3.56 0.00	136.14 4.30 0.00	144.17 5.44 -8.57	200.24 8.18 -22.86	154.23 4.16 -56.05	154.38 5.15 -25.33	75.71 2.77 -0.09	70.14 2.76 -1.02	67.27 2.77 0.00	96.39 3.26 0.00	108.12 3.12 0.00	116.28 3.00 0.00	98.04 3.03 0.00	111.27 4.82 0.00	85.42 3.87 0.00	89.06 3.79 0.00	87.42 3.72 0.00	83.96 3.08 0.00	77.76 2.42 0.00	63.72 1.72 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	192.86 3.61 0.00	144.77 3.43 0.00	141.24 3.34 0.00	138.22 3.44 0.00	141.59 3.56 0.00	136.14 4.30 0.00	144.17 5.44 -8.57	200.24 8.18 -22.86	154.23 4.16 -56.05	154.38 5.15 -25.33	75.71 2.77 -0.09	70.14 2.76 -1.02	67.27 2.77 0.00	96.39 3.26 0.00	108.12 3.12 0.00	116.28 3.00 0.00	98.04 3.03 0.00	111.27 4.82 0.00	85.42 3.87 0.00	89.06 3.79 0.00	87.42 3.72 0.00	83.96 3.08 0.00	77.76 2.42 0.00	63.72 1.72 0.00
WHITEHAL_115KV_TB1 80871	208.93 19.69 0.00	156.74 15.40 0.00	152.52 14.63 0.00	150.07 15.28 0.00	153.97 15.94 0.00	147.10 15.25 0.00	241.85 16.39 -95.30	445.51 21.60 -254.71	727.50 10.89 -622.59	419.14 12.26 -282.98	79.94 6.09 -1.00	84.57 6.73 -11.48	70.60 6.10 0.00	101.18 8.04 0.00	113.73 8.74 0.00	123.16 9.88 0.00	103.22 8.21 0.00	118.67 12.22 0.00	91.61 10.06 0.00	95.44 10.17 0.00	93.46 9.77 0.00	89.81 8.93 0.00	83.62 8.28 0.00	68.70 6.70 0.00
WHITEPLN_13_KV_LOAD 356215	196.31 7.06 0.00	147.34 6.00 0.00	143.61 5.71 0.00	140.53 5.75 0.00	144.05 6.02 0.00	138.60 6.75 0.00	147.16 8.11 -8.89	204.68 11.76 -23.72	158.35 6.16 -58.17	158.06 7.87 -26.30	77.34 4.39 -0.09	71.68 4.26 -1.06	68.76 4.26 0.00	98.47 5.33 0.00	110.36 5.36 0.00	118.70 5.42 0.00	100.08 5.08 0.00	113.70 7.26 0.00	87.29 5.74 0.00	90.96 5.69 0.00	89.18 5.49 0.00	85.59 4.71 0.00	79.24 3.90 0.00	64.95 2.95 0.00
WM_FLOYD_69_KV_BK2 356380	196.02 6.77 0.00	149.53 8.19 0.00	144.82 6.93 0.00	141.95 7.17 0.00	146.67 8.64 0.00	141.51 9.66 0.00	149.52 10.46 -8.90	206.54 13.58 -23.75	159.09 6.81 -58.26	162.93 8.69 -30.35	111.42 6.03 -32.53	105.44 5.92 -33.16	111.99 5.91 -41.57	100.37 7.24 0.00	111.49 6.50 0.00	120.34 7.06 0.00	102.25 7.24 0.00	122.78 10.48 -5.85	89.09 7.54 0.00	92.72 7.45 0.00	90.67 6.97 0.00	86.56 5.67 0.00	80.53 5.20 0.00	65.96 3.96 0.00
WOODARD___115KV_TB2 355635	184.49 -4.76 0.00	137.79 -3.55 0.00	134.48 -3.41 0.00	131.54 -3.24 0.00	134.75 -3.28 0.00	128.94 -2.91 0.00	127.51 -2.65 0.00	165.40 -3.80 0.00	91.54 -2.48 0.00	120.29 -3.60 0.00	70.64 -2.21 0.00	64.19 -2.17 0.00	62.38 -2.13 0.00	90.16 -2.98 0.00	101.81 -3.19 0.00	109.75 -3.53 0.00	91.86 -3.15 0.00	103.31 -3.14 0.00	79.20 -2.36 0.00	82.65 -2.63 0.00	80.92 -2.78 0.00	78.01 -2.88 0.00	72.66 -2.68 0.00	59.78 -2.23 0.00
YORK___WARBASSE 23770	193.70 4.45 0.00	145.47 4.13 0.00	141.84 3.94 0.00	138.72 3.94 0.00	142.28 4.25 0.00	137.00 5.16 0.00	145.74 6.68 -8.90	203.11 10.14 -23.76	157.60 5.30 -58.27	157.65 6.64 -27.12	76.65 3.71 -0.09	71.14 3.72 -1.07	68.30 3.80 0.00	97.71 4.57 0.00	109.63 4.63 0.00	117.95 4.67 0.00	99.40 4.39 0.00	112.90 6.45 0.00	86.69 5.15 0.00	90.38 5.11 0.00	88.83 5.14 0.00	85.23 4.34 0.00	78.75 3.42 0.00	64.54 2.54 0.00