

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/15/2025

[illegible]



ALBANY___2 23572	138.68 5.08 0.00	132.96 4.74 0.00	130.59 4.66 0.00	130.84 4.67 0.00	130.20 4.52 0.00	138.15 4.80 0.00	193.63 5.35 -35.28	211.30 5.36 -7.54	176.41 4.80 0.00	156.60 4.86 0.00	155.72 4.54 0.00	149.35 4.49 0.00	146.69 4.55 0.00	147.73 4.72 0.00	149.62 3.65 0.00	155.79 3.35 0.00	182.11 3.22 0.00	210.48 2.70 0.00	191.22 2.83 0.00	182.62 3.05 0.00	158.36 3.86 0.00	149.17 3.50 0.00	151.05 5.25 0.00	142.86 4.70 0.00
ALBANY___3 23573	138.68 5.08 0.00	132.96 4.74 0.00	130.59 4.66 0.00	130.84 4.67 0.00	130.20 4.52 0.00	138.15 4.80 0.00	193.63 5.35 -35.28	211.30 5.36 -7.54	176.41 4.80 0.00	156.60 4.86 0.00	155.72 4.54 0.00	149.35 4.49 0.00	146.69 4.55 0.00	147.73 4.72 0.00	149.62 3.65 0.00	155.79 3.35 0.00	182.11 3.22 0.00	210.48 2.70 0.00	191.22 2.83 0.00	182.62 3.05 0.00	158.36 3.86 0.00	149.17 3.50 0.00	151.05 5.25 0.00	142.86 4.70 0.00
ALBANY___4 23574	138.68 5.08 0.00	132.96 4.74 0.00	130.59 4.66 0.00	130.84 4.67 0.00	130.20 4.52 0.00	138.15 4.80 0.00	193.63 5.35 -35.28	211.30 5.36 -7.54	176.41 4.80 0.00	156.60 4.86 0.00	155.72 4.54 0.00	149.35 4.49 0.00	146.69 4.55 0.00	147.73 4.72 0.00	149.62 3.65 0.00	155.79 3.35 0.00	182.11 3.22 0.00	210.48 2.70 0.00	191.22 2.83 0.00	182.62 3.05 0.00	158.36 3.86 0.00	149.17 3.50 0.00	151.05 5.25 0.00	142.86 4.70 0.00
ALBANY___LFGE 323615	139.88 6.28 0.00	133.99 5.77 0.00	131.60 5.67 0.00	131.85 5.68 0.00	131.20 5.52 0.00	139.36 6.01 0.00	201.91 6.89 -42.02	214.92 7.54 -8.98	178.48 6.87 0.00	158.12 6.37 0.00	157.38 6.20 0.00	150.95 6.08 0.00	148.24 6.11 0.00	149.30 6.29 0.00	151.38 5.40 0.00	157.46 5.02 0.00	184.25 5.36 0.00	212.98 5.20 0.00	193.48 5.09 0.00	184.42 4.85 0.00	160.22 5.72 0.00	150.77 5.10 0.00	152.37 6.57 0.00	144.10 5.94 0.00
ALCOA_PA_115KV_PL-6C 55860	135.47 1.87 0.00	130.14 1.92 0.00	128.07 2.14 0.00	128.32 2.14 0.00	127.68 2.01 0.00	135.62 2.27 0.00	154.07 1.07 0.00	201.97 3.57 0.00	174.18 2.57 0.00	153.87 2.12 0.00	152.99 1.81 0.00	146.17 1.30 0.00	143.27 1.14 0.00	144.01 1.00 0.00	147.43 1.46 0.00	153.81 1.37 0.00	181.39 2.50 0.00	211.10 3.32 0.00	191.03 2.64 0.00	182.08 2.51 0.00	154.34 -0.15 0.00	146.84 1.17 0.00	147.40 1.60 0.00	140.93 2.76 0.00
ALCOA_RYNLDS___DRP 24188	135.47 1.87 0.00	130.14 1.92 0.00	128.07 2.14 0.00	128.32 2.14 0.00	127.68 2.01 0.00	135.62 2.27 0.00	154.07 1.07 0.00	201.97 3.57 0.00	174.18 2.57 0.00	153.87 2.12 0.00	152.99 1.81 0.00	146.17 1.30 0.00	143.27 1.14 0.00	144.01 1.00 0.00	147.43 1.46 0.00	153.81 1.37 0.00	181.39 2.50 0.00	211.10 3.32 0.00	191.03 2.64 0.00	182.08 2.51 0.00	154.34 -0.15 0.00	146.84 1.17 0.00	147.40 1.60 0.00	140.93 2.76 0.00
ALCOA___DSASP 323711	135.47 1.87 0.00	130.14 1.92 0.00	128.07 2.14 0.00	128.32 2.14 0.00	127.68 2.01 0.00	135.62 2.27 0.00	154.07 1.07 0.00	201.97 3.57 0.00	174.18 2.57 0.00	153.87 2.12 0.00	152.99 1.81 0.00	146.17 1.30 0.00	143.27 1.14 0.00	144.01 1.00 0.00	147.43 1.46 0.00	153.81 1.37 0.00	181.39 2.50 0.00	211.10 3.32 0.00	191.03 2.64 0.00	182.08 2.51 0.00	154.34 -0.15 0.00	146.84 1.17 0.00	147.40 1.60 0.00	140.93 2.76 0.00
ALLEGHENY___COGEN 23514	117.43 -16.17 0.00	112.57 -15.65 0.00	111.20 -14.73 0.00	111.41 -14.76 0.00	110.97 -14.70 0.00	116.95 -16.41 0.00	136.17 -16.83 0.00	173.34 -23.61 1.45	158.00 -24.03 -10.42	130.92 -20.94 -0.12	129.56 -21.62 0.00	123.86 -21.01 0.00	121.23 -20.89 0.02	121.96 -21.02 0.04	125.08 -21.02 -0.12	161.91 -22.56 -32.03	158.20 -23.25 -2.56	185.52 -23.27 -1.01	165.99 -22.61 -0.21	158.95 -20.83 -0.21	139.51 -14.98 0.00	128.78 -16.90 0.00	128.45 -17.35 0.00	121.58 -16.58 0.00
ALTAMONT_115KV_TB 2 55880	137.61 4.01 0.00	131.93 3.72 0.00	129.58 3.65 0.00	129.83 3.66 0.00	129.19 3.52 0.00	137.22 3.87 0.00	180.72 4.59 -23.13	208.31 4.96 -4.95	176.07 4.46 0.00	155.85 4.10 0.00	155.11 3.93 0.00	148.63 3.77 0.00	146.12 3.98 0.00	147.02 4.00 0.00	149.62 3.65 0.00	155.94 3.51 0.00	182.64 3.76 0.00	211.52 3.74 0.00	192.16 3.77 0.00	183.34 3.77 0.00	158.67 4.17 0.00	149.17 3.50 0.00	149.88 4.08 0.00	141.90 3.73 0.00
ALTONA_WT_PWR 323606	134.00 0.40 0.00	128.47 0.26 0.00	126.56 0.63 0.00	126.68 0.51 0.00	125.93 0.25 0.00	134.02 0.67 0.00	152.09 -0.91 0.00	198.01 -0.40 0.00	170.92 -0.68 0.00	151.14 -0.60 0.00	150.88 -0.30 0.00	145.01 0.15 0.00	142.28 0.14 0.00	142.87 -0.14 0.00	146.41 0.44 0.00	152.44 0.00 0.00	178.18 -0.71 0.00	206.75 -1.03 0.00	187.09 -1.31 0.00	179.39 -0.18 0.00	153.57 -0.92 0.00	145.96 0.29 0.00	146.83 1.03 0.00	140.78 2.62 0.00
AMERICAN_REF_FUEL 24010	115.30 -18.30 0.00	110.14 -18.07 0.00	108.80 -17.13 0.00	108.76 -17.41 0.00	108.70 -16.97 0.00	112.29 -21.07 0.00	128.37 -24.63 0.00	161.21 -35.71 1.48	138.89 -31.58 1.14	125.01 -26.71 0.03	124.42 -26.76 0.00	119.37 -25.50 0.00	116.97 -25.16 0.01	117.83 -25.17 0.02	119.82 -26.13 0.03	118.23 -27.44 6.77	147.47 -31.13 0.29	175.04 -32.62 0.12	158.79 -29.57 0.04	151.52 -28.01 0.04	133.64 -20.86 0.00	123.82 -21.85 0.00	124.37 -21.43 0.00	117.72 -20.45 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	123.32 -10.28 0.00	118.08 -10.13 0.00	116.61 -9.32 0.00	116.58 -9.59 0.00	116.37 -9.30 0.00	120.95 -12.40 0.00	139.99 -13.01 0.00	175.32 -21.62 1.47	150.40 -18.54 2.67	134.27 -17.45 0.03	133.34 -17.84 0.00	127.18 -17.68 0.00	124.21 -17.91 0.01	125.25 -17.74 0.02	127.69 -18.25 0.03	126.39 -17.84 8.21	158.37 -19.86 0.66	186.54 -20.98 0.26	169.89 -18.46 0.05	161.20 -18.32 0.05	142.13 -12.37 0.00	131.11 -14.57 0.00	130.93 -14.87 0.00	124.77 -13.40 0.00
ARTHUR KILL_GT_1 23520	142.29 8.68 -0.01	136.94 8.72 -0.01	134.50 8.56 -0.01	134.63 8.45 -0.01	133.98 8.29 -0.01	141.76 8.40 -0.01	170.10 9.79 -7.30	211.98 12.30 -1.27	170.50 11.33 12.43	161.04 9.41 0.12	160.56 9.52 0.14	153.00 9.13 0.99	151.24 9.24 0.14	152.31 9.44 0.14	155.18 9.34 0.14	162.13 10.82 1.13	183.15 13.24 8.98	207.02 14.75 15.51	190.93 13.94 11.40	184.93 13.47 8.11	161.36 12.05 5.18	154.86 9.32 0.13	154.85 9.04 -0.01	145.91 7.74 -0.01
ARTHUR_KILL_2 23512	141.76 8.15 -0.01	136.55 8.33 -0.01	134.00 8.07 -0.01	134.13 7.95 -0.01	133.48 7.79 -0.01	141.09 7.73 -0.01	169.79 9.49 -7.30	211.58 11.90 -1.27	169.99 10.82 12.43	160.89 9.26 0.12	160.42 9.38 0.14	152.86 8.98 0.99	150.96 8.96 0.14	152.16 9.29 0.14	154.89 9.05 0.14	161.21 9.90 1.13	182.96 13.05 8.98	206.60 14.33 15.51	190.57 13.57 11.40	184.21 12.75 8.11	161.21 11.90 5.18	154.87 9.33 0.13	153.53 7.72 -0.01	145.49 7.32 -0.01
ARTHUR_KILL_3 23513	140.15 6.54 0.00	134.24 6.03 0.00	131.46 5.53 0.00	131.59 5.42 0.00	130.95 5.28 0.00	139.62 6.27 0.00	168.70 8.41 -7.30	210.37 10.71 -1.26	167.93 8.75 12.43	160.12 8.49 0.12	159.19 8.16 0.15	151.69 7.82 0.99	149.80 7.81 0.15	150.87 8.00 0.15	153.70 7.88 0.15	160.14 8.84 1.13	179.75 9.83 8.97	202.87 10.59 15.50	186.98 9.98 11.39	180.80 9.33 8.10	158.73 9.43 5.19	152.67 7.14 0.14	152.51 6.71 0.00	143.97 5.80 0.00



ARTHUR_KILL_COGEN 323718	142.29 8.68 -0.01	136.94 8.72 -0.01	134.38 8.44 -0.01	134.50 8.33 -0.01	133.85 8.16 -0.01	141.63 8.27 -0.01	170.24 9.94 -7.30	212.38 12.71 -1.27	170.67 11.50 12.43	161.35 9.72 0.12	160.86 9.82 0.14	153.29 9.41 0.99	151.38 9.38 0.14	152.60 9.73 0.14	155.47 9.63 0.14	161.82 10.51 1.13	183.69 13.78 8.98	207.43 15.16 15.51	191.30 14.31 11.40	184.93 13.47 8.11	161.82 12.51 5.18	155.45 9.91 0.13	154.11 8.31 -0.01	145.91 7.73 -0.01
ASHOKAN____ 23654	141.89 8.29 0.00	136.30 8.08 0.00	133.61 7.68 0.00	134.13 7.95 0.00	133.21 7.54 0.00	141.76 8.41 0.00	179.93 6.28 -20.65	209.10 6.54 -4.16	182.08 10.47 0.00	160.55 8.80 0.00	158.89 7.71 0.00	151.96 7.10 0.00	148.96 6.82 0.00	150.16 7.15 0.00	153.13 7.15 0.00	160.51 8.07 0.00	190.16 11.28 0.00	221.49 13.71 0.00	201.97 13.57 0.00	191.60 12.03 0.00	165.77 11.27 0.00	154.12 8.45 0.00	153.67 7.87 0.00	145.07 6.91 0.00
ASTORIA_EAST_ENERGY_CC1 323581	141.35 7.75 -0.01	135.14 6.92 -0.01	132.23 6.29 -0.01	132.36 6.18 -0.01	131.71 6.03 -0.01	140.56 7.20 -0.01	170.71 10.41 -7.30	212.38 12.71 -1.27	181.05 9.43 -0.01	161.77 10.01 -0.01	159.95 8.77 -0.01	153.27 8.40 -0.01	150.82 8.67 -0.01	152.04 9.02 -0.01	154.59 8.61 -0.01	162.82 10.37 -0.01	189.63 10.73 -0.01	220.68 12.89 -0.01	200.64 12.24 -0.01	189.99 10.41 -0.01	165.16 10.65 -0.01	153.69 8.01 -0.01	153.97 8.16 -0.01	145.63 7.46 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	141.35 7.75 -0.01	135.14 6.92 -0.01	132.23 6.29 -0.01	132.36 6.18 -0.01	131.71 6.03 -0.01	140.56 7.20 -0.01	170.71 10.41 -7.30	212.38 12.71 -1.27	181.05 9.43 -0.01	161.77 10.01 -0.01	159.95 8.77 -0.01	153.27 8.40 -0.01	150.82 8.67 -0.01	152.04 9.02 -0.01	154.59 8.61 -0.01	162.82 10.37 -0.01	189.81 10.91 -0.01	220.68 12.89 -0.01	200.64 12.24 -0.01	189.99 10.41 -0.01	165.16 10.65 -0.01	153.69 8.01 -0.01	153.97 8.16 -0.01	145.63 7.46 -0.01
ASTORIA_GT2_1 24094	141.36 7.75 -0.01	135.14 6.92 -0.01	132.49 6.55 -0.01	132.49 6.31 -0.01	131.96 6.28 -0.01	140.56 7.20 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	180.88 9.27 -0.01	161.62 9.86 -0.01	159.66 8.47 -0.01	153.13 8.26 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.45 8.47 -0.01	161.90 9.45 -0.01	189.27 10.38 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	190.17 10.59 -0.01	165.01 10.51 -0.01	153.40 7.72 -0.01	154.12 8.31 -0.01	145.63 7.46 -0.01
ASTORIA_GT2_2 24095	141.36 7.75 -0.01	135.14 6.92 -0.01	132.49 6.55 -0.01	132.49 6.31 -0.01	131.96 6.28 -0.01	140.56 7.20 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	180.88 9.27 -0.01	161.62 9.86 -0.01	159.66 8.47 -0.01	153.13 8.26 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.45 8.47 -0.01	161.90 9.45 -0.01	189.27 10.38 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	190.17 10.59 -0.01	165.01 10.51 -0.01	153.40 7.72 -0.01	154.12 8.31 -0.01	145.63 7.46 -0.01
ASTORIA_GT2_3 24096	141.36 7.75 -0.01	135.14 6.92 -0.01	132.49 6.55 -0.01	132.49 6.31 -0.01	131.96 6.28 -0.01	140.56 7.20 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	180.88 9.27 -0.01	161.62 9.86 -0.01	159.66 8.47 -0.01	153.13 8.26 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.45 8.47 -0.01	161.90 9.45 -0.01	189.27 10.38 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	190.17 10.59 -0.01	165.01 10.51 -0.01	153.40 7.72 -0.01	154.12 8.31 -0.01	145.63 7.46 -0.01
ASTORIA_GT2_4 24097	141.36 7.75 -0.01	135.14 6.92 -0.01	132.49 6.55 -0.01	132.49 6.31 -0.01	131.96 6.28 -0.01	140.56 7.20 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	180.88 9.27 -0.01	161.62 9.86 -0.01	159.66 8.47 -0.01	153.13 8.26 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.45 8.47 -0.01	161.90 9.45 -0.01	189.27 10.38 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	190.17 10.59 -0.01	165.01 10.51 -0.01	153.40 7.72 -0.01	154.12 8.31 -0.01	145.63 7.46 -0.01
ASTORIA_GT3_1 24098	141.36 7.75 -0.01	135.14 6.92 -0.01	132.49 6.55 -0.01	132.49 6.31 -0.01	131.96 6.28 -0.01	140.56 7.20 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	180.88 9.27 -0.01	161.62 9.86 -0.01	159.66 8.47 -0.01	153.13 8.26 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.45 8.47 -0.01	161.90 9.45 -0.01	189.27 10.38 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	190.17 10.59 -0.01	165.01 10.51 -0.01	153.40 7.72 -0.01	154.12 8.31 -0.01	145.63 7.46 -0.01
ASTORIA_GT3_2 24099	141.36 7.75 -0.01	135.14 6.92 -0.01	132.49 6.55 -0.01	132.49 6.31 -0.01	131.96 6.28 -0.01	140.56 7.20 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	180.88 9.27 -0.01	161.62 9.86 -0.01	159.66 8.47 -0.01	153.13 8.26 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.45 8.47 -0.01	161.90 9.45 -0.01	189.27 10.38 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	190.17 10.59 -0.01	165.01 10.51 -0.01	153.40 7.72 -0.01	154.12 8.31 -0.01	145.63 7.46 -0.01
ASTORIA_GT3_3 24100	141.36 7.75 -0.01	135.14 6.92 -0.01	132.49 6.55 -0.01	132.49 6.31 -0.01	131.96 6.28 -0.01	140.56 7.20 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	180.88 9.27 -0.01	161.62 9.86 -0.01	159.66 8.47 -0.01	153.13 8.26 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.45 8.47 -0.01	161.90 9.45 -0.01	189.27 10.38 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	190.17 10.59 -0.01	165.01 10.51 -0.01	153.40 7.72 -0.01	154.12 8.31 -0.01	145.63 7.46 -0.01
ASTORIA_GT3_4 24101	141.36 7.75 -0.01	135.14 6.92 -0.01	132.49 6.55 -0.01	132.49 6.31 -0.01	131.96 6.28 -0.01	140.56 7.20 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	180.88 9.27 -0.01	161.62 9.86 -0.01	159.66 8.47 -0.01	153.13 8.26 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.45 8.47 -0.01	161.90 9.45 -0.01	189.27 10.38 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	190.17 10.59 -0.01	165.01 10.51 -0.01	153.40 7.72 -0.01	154.12 8.31 -0.01	145.63 7.46 -0.01
ASTORIA_GT4_1 24102	141.36 7.75 -0.01	135.14 6.92 -0.01	132.49 6.55 -0.01	132.49 6.31 -0.01	131.96 6.28 -0.01	140.56 7.20 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	180.88 9.27 -0.01	161.62 9.86 -0.01	159.66 8.47 -0.01	153.13 8.26 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.45 8.47 -0.01	161.90 9.45 -0.01	189.27 10.38 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	190.17 10.59 -0.01	165.01 10.51 -0.01	153.40 7.72 -0.01	154.12 8.31 -0.01	145.63 7.46 -0.01
ASTORIA_GT4_2 24103	141.36 7.75 -0.01	135.14 6.92 -0.01	132.49 6.55 -0.01	132.49 6.31 -0.01	131.96 6.28 -0.01	140.56 7.20 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	180.88 9.27 -0.01	161.62 9.86 -0.01	159.66 8.47 -0.01	153.13 8.26 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.45 8.47 -0.01	161.90 9.45 -0.01	189.27 10.38 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	190.17 10.59 -0.01	165.01 10.51 -0.01	153.40 7.72 -0.01	154.12 8.31 -0.01	145.63 7.46 -0.01
ASTORIA_GT4_3 24104	141.36 7.75 -0.01	135.14 6.92 -0.01	132.49 6.55 -0.01	132.49 6.31 -0.01	131.96 6.28 -0.01	140.56 7.20 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	180.88 9.27 -0.01	161.62 9.86 -0.01	159.66 8.47 -0.01	153.13 8.26 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.45 8.47 -0.01	161.90 9.45 -0.01	189.27 10.38 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	190.17 10.59 -0.01	165.01 10.51 -0.01	153.40 7.72 -0.01	154.12 8.31 -0.01	145.63 7.46 -0.01



ASTORIA_GT4_4 24105	141.36 7.75 -0.01	135.14 6.92 -0.01	132.49 6.55 -0.01	132.49 6.31 -0.01	131.96 6.28 -0.01	140.56 7.20 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	180.88 9.27 -0.01	161.62 9.86 -0.01	159.66 8.47 -0.01	153.13 8.26 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.45 8.47 -0.01	161.90 9.45 -0.01	189.27 10.38 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	190.17 10.59 -0.01	165.01 10.51 -0.01	153.40 7.72 -0.01	154.12 8.31 -0.01	145.63 7.46 -0.01
ASTORIA_GT_1 23523	141.63 8.02 -0.01	135.40 7.18 -0.01	132.74 6.80 -0.01	132.74 6.56 -0.01	132.09 6.41 -0.01	140.83 7.47 -0.01	170.86 10.56 -7.30	212.57 12.90 -1.27	181.22 9.61 -0.01	162.07 10.32 -0.01	160.11 8.92 -0.01	153.42 8.55 -0.01	151.24 9.10 -0.01	152.03 9.01 -0.01	154.74 8.76 -0.01	162.36 9.91 -0.01	189.81 10.91 -0.01	221.09 13.30 -0.01	200.84 12.43 -0.01	190.53 10.95 -0.01	165.32 10.81 -0.01	153.69 8.01 -0.01	154.41 8.60 -0.01	145.91 7.74 -0.01
ASTORIA_GT_10 24110	141.63 8.02 -0.01	135.66 7.44 -0.01	132.99 7.05 -0.01	133.12 6.94 -0.01	132.47 6.79 -0.01	140.96 7.60 -0.01	170.10 9.79 -7.30	211.98 12.30 -1.27	182.13 10.30 -0.22	161.62 9.86 -0.01	160.56 9.37 -0.01	153.97 8.98 -0.12	151.39 9.24 -0.01	152.32 9.30 -0.01	155.18 9.20 -0.01	162.83 10.37 -0.03	190.51 11.45 -0.17	220.46 12.67 -0.01	200.27 11.87 -0.01	191.13 11.49 -0.07	165.32 10.81 -0.01	154.13 8.45 -0.01	154.12 8.31 -0.01	145.50 7.32 -0.01
ASTORIA_GT_11 24225	141.63 8.02 -0.01	135.66 7.44 -0.01	132.99 7.05 -0.01	133.12 6.94 -0.01	132.47 6.79 -0.01	140.96 7.60 -0.01	170.10 9.79 -7.30	211.98 12.30 -1.27	182.13 10.30 -0.22	161.62 9.86 -0.01	160.56 9.37 -0.01	153.97 8.98 -0.12	151.39 9.24 -0.01	152.32 9.30 -0.01	155.18 9.20 -0.01	162.83 10.37 -0.03	190.51 11.45 -0.17	220.46 12.67 -0.01	200.27 11.87 -0.01	191.13 11.49 -0.07	165.32 10.81 -0.01	154.13 8.45 -0.01	154.12 8.31 -0.01	145.50 7.32 -0.01
ASTORIA_GT_12 24226	141.63 8.02 -0.01	135.66 7.44 -0.01	132.99 7.05 -0.01	133.12 6.94 -0.01	132.47 6.79 -0.01	140.96 7.60 -0.01	170.10 9.79 -7.30	211.98 12.30 -1.27	182.13 10.30 -0.22	161.62 9.86 -0.01	160.56 9.37 -0.01	153.97 8.98 -0.12	151.39 9.24 -0.01	152.32 9.30 -0.01	155.18 9.20 -0.01	162.83 10.37 -0.03	190.51 11.45 -0.17	220.46 12.67 -0.01	200.27 11.87 -0.01	191.13 11.49 -0.07	165.32 10.81 -0.01	154.13 8.45 -0.01	154.12 8.31 -0.01	145.50 7.32 -0.01
ASTORIA_GT_13 24227	141.63 8.02 -0.01	135.66 7.44 -0.01	132.99 7.05 -0.01	133.12 6.94 -0.01	132.47 6.79 -0.01	140.96 7.60 -0.01	170.10 9.79 -7.30	211.98 12.30 -1.27	182.13 10.30 -0.22	161.62 9.86 -0.01	160.56 9.37 -0.01	153.97 8.98 -0.12	151.39 9.24 -0.01	152.32 9.30 -0.01	155.18 9.20 -0.01	162.83 10.37 -0.03	190.51 11.45 -0.17	220.46 12.67 -0.01	200.27 11.87 -0.01	191.13 11.49 -0.07	165.32 10.81 -0.01	154.13 8.45 -0.01	154.12 8.31 -0.01	145.50 7.32 -0.01
ASTORIA_GT_5 24106	141.63 8.02 -0.01	135.40 7.18 -0.01	132.74 6.80 -0.01	132.74 6.56 -0.01	132.09 6.41 -0.01	140.83 7.47 -0.01	170.86 10.56 -7.30	212.57 12.90 -1.27	181.22 9.61 -0.01	162.07 10.32 -0.01	160.11 8.92 -0.01	153.42 8.55 -0.01	151.24 9.10 -0.01	152.03 9.01 -0.01	154.74 8.76 -0.01	162.36 9.91 -0.01	189.81 10.91 -0.01	221.09 13.30 -0.01	200.84 12.43 -0.01	190.53 10.95 -0.01	165.32 10.81 -0.01	153.69 8.01 -0.01	154.41 8.60 -0.01	145.91 7.74 -0.01
ASTORIA_GT_7 24107	141.63 8.02 -0.01	135.40 7.18 -0.01	132.74 6.80 -0.01	132.74 6.56 -0.01	132.09 6.41 -0.01	140.83 7.47 -0.01	170.86 10.56 -7.30	212.57 12.90 -1.27	181.22 9.61 -0.01	162.07 10.32 -0.01	160.11 8.92 -0.01	153.42 8.55 -0.01	151.24 9.10 -0.01	152.03 9.01 -0.01	154.74 8.76 -0.01	162.36 9.91 -0.01	189.81 10.91 -0.01	221.09 13.30 -0.01	200.84 12.43 -0.01	190.53 10.95 -0.01	165.32 10.81 -0.01	153.69 8.01 -0.01	154.41 8.60 -0.01	145.91 7.74 -0.01
ASTORIA_GT_8 24108	141.63 8.02 -0.01	135.40 7.18 -0.01	132.74 6.80 -0.01	132.74 6.56 -0.01	132.09 6.41 -0.01	140.83 7.47 -0.01	170.86 10.56 -7.30	212.57 12.90 -1.27	181.22 9.61 -0.01	162.07 10.32 -0.01	160.11 8.92 -0.01	153.42 8.55 -0.01	151.24 9.10 -0.01	152.03 9.01 -0.01	154.74 8.76 -0.01	162.36 9.91 -0.01	189.81 10.91 -0.01	221.09 13.30 -0.01	200.84 12.43 -0.01	190.53 10.95 -0.01	165.32 10.81 -0.01	153.69 8.01 -0.01	154.41 8.60 -0.01	145.91 7.74 -0.01
ASTORIA___2 24149	141.35 7.75 -0.01	135.14 6.92 -0.01	132.23 6.29 -0.01	132.49 6.31 -0.01	131.71 6.03 -0.01	140.69 7.33 -0.01	170.71 10.41 -7.30	212.38 12.71 -1.27	181.05 9.43 -0.01	161.92 10.17 -0.01	160.11 8.92 -0.01	153.27 8.40 -0.01	150.96 8.82 -0.01	152.04 9.02 -0.01	154.59 8.61 -0.01	162.82 10.37 -0.01	189.81 10.91 -0.01	220.89 13.10 -0.01	200.64 12.24 -0.01	190.17 10.59 -0.01	165.31 10.81 -0.01	153.69 8.01 -0.01	153.97 8.16 -0.01	145.63 7.46 -0.01
ASTORIA___3 23516	141.62 8.02 -0.01	135.65 7.43 -0.01	132.86 6.92 -0.01	132.99 6.81 -0.01	132.34 6.66 -0.01	140.96 7.60 -0.01	170.24 9.94 -7.30	212.18 12.51 -1.27	182.30 10.47 -0.22	161.77 10.01 -0.01	160.87 9.68 -0.01	154.26 9.28 -0.12	151.53 9.38 -0.01	152.61 9.58 -0.01	155.47 9.48 -0.01	162.98 10.51 -0.03	190.87 11.80 -0.17	220.89 13.10 -0.01	200.84 12.43 -0.01	191.14 11.50 -0.07	165.78 11.27 -0.01	154.57 8.89 -0.01	154.26 8.45 -0.01	145.49 7.32 -0.01
ASTORIA___4 23517	141.63 8.02 -0.01	135.66 7.44 -0.01	132.99 7.05 -0.01	133.12 6.94 -0.01	132.47 6.79 -0.01	140.96 7.60 -0.01	170.10 9.79 -7.30	211.98 12.30 -1.27	182.13 10.30 -0.22	161.62 9.86 -0.01	160.56 9.37 -0.01	153.97 8.98 -0.12	151.39 9.24 -0.01	152.32 9.30 -0.01	155.18 9.20 -0.01	162.83 10.37 -0.03	190.51 11.45 -0.17	220.46 12.67 -0.01	200.27 11.87 -0.01	191.13 11.49 -0.07	165.32 10.81 -0.01	154.13 8.45 -0.01	154.12 8.31 -0.01	145.50 7.32 -0.01
ASTORIA___5 23518	141.62 8.02 -0.01	135.65 7.43 -0.01	132.86 6.92 -0.01	132.99 6.81 -0.01	132.34 6.66 -0.01	140.96 7.60 -0.01	170.24 9.94 -7.30	212.18 12.51 -1.27	182.30 10.47 -0.22	161.77 10.01 -0.01	160.87 9.68 -0.01	154.26 9.28 -0.12	151.53 9.38 -0.01	152.61 9.58 -0.01	155.47 9.48 -0.01	162.98 10.51 -0.03	190.87 11.80 -0.17	220.89 13.10 -0.01	200.84 12.43 -0.01	191.14 11.50 -0.07	165.78 11.27 -0.01	154.57 8.89 -0.01	154.26 8.45 -0.01	145.49 7.32 -0.01
AST_ENERGY_2_CC3 323677	141.08 7.48 0.00	135.13 6.92 0.00	132.22 6.29 0.00	132.48 6.31 0.00	131.71 6.03 0.00	140.42 7.06 0.00	-80.53 9.18 242.70	-38.62 11.70 248.73	-68.79 9.60 250.00	-88.99 9.26 250.00	-89.90 8.92 250.00	-96.59 8.54 250.00	-99.34 8.53 250.00	-98.26 8.72 250.00	-95.41 8.61 250.00	-87.95 9.61 250.00	-60.20 10.91 250.00	-30.38 11.84 250.00	-50.49 11.11 250.00	-60.02 10.41 250.00	-85.15 10.35 250.00	-96.32 8.01 250.00	-96.77 7.43 250.00	145.07 6.91 0.00
AST_ENERGY_2_CC4 323678	141.08 7.48 0.00	135.13 6.92 0.00	132.22 6.29 0.00	132.48 6.31 0.00	131.71 6.03 0.00	140.42 7.06 0.00	-80.53 9.18 242.70	-38.62 11.70 248.73	-68.79 9.60 250.00	-88.99 9.26 250.00	-89.90 8.92 250.00	-96.59 8.54 250.00	-99.34 8.53 250.00	-98.26 8.72 250.00	-95.41 8.61 250.00	-87.95 9.61 250.00	-60.20 10.91 250.00	-30.38 11.84 250.00	-50.49 11.11 250.00	-60.02 10.41 250.00	-85.15 10.35 250.00	-96.32 8.01 250.00	-96.77 7.43 250.00	145.07 6.91 0.00



ATHENS_STG_1 23668	138.15 4.55 0.00	132.44 4.22 0.00	129.84 3.91 0.00	130.09 3.92 0.00	129.44 3.77 0.00	137.62 4.27 0.00	164.52 5.66 -5.86	205.91 6.54 -0.97	177.26 5.65 0.00	157.06 5.31 0.00	156.47 5.29 0.00	149.79 4.93 0.00	147.25 5.11 0.00	148.31 5.29 0.00	150.94 4.97 0.00	157.77 5.33 0.00	184.97 6.09 0.00	214.01 6.23 0.00	194.60 6.21 0.00	185.48 5.92 0.00	160.83 6.34 0.00	150.63 4.96 0.00	150.33 4.52 0.00	142.17 4.01 0.00
ATHENS_STG_2 23670	138.15 4.55 0.00	132.44 4.22 0.00	129.84 3.91 0.00	130.09 3.92 0.00	129.44 3.77 0.00	137.62 4.27 0.00	164.52 5.66 -5.86	205.91 6.54 -0.97	177.26 5.65 0.00	157.06 5.31 0.00	156.47 5.29 0.00	149.79 4.93 0.00	147.25 5.11 0.00	148.31 5.29 0.00	150.94 4.97 0.00	157.77 5.33 0.00	184.97 6.09 0.00	214.01 6.23 0.00	194.60 6.21 0.00	185.48 5.92 0.00	160.83 6.34 0.00	150.63 4.96 0.00	150.33 4.52 0.00	142.17 4.01 0.00
ATHENS_STG_3 23677	138.15 4.55 0.00	132.44 4.22 0.00	129.84 3.91 0.00	130.09 3.92 0.00	129.44 3.77 0.00	137.62 4.27 0.00	164.52 5.66 -5.86	205.91 6.54 -0.97	177.26 5.65 0.00	157.06 5.31 0.00	156.47 5.29 0.00	149.79 4.93 0.00	147.25 5.11 0.00	148.31 5.29 0.00	150.94 4.97 0.00	157.77 5.33 0.00	184.97 6.09 0.00	214.01 6.23 0.00	194.60 6.21 0.00	185.48 5.92 0.00	160.83 6.34 0.00	150.63 4.96 0.00	150.33 4.52 0.00	142.17 4.01 0.00
AUBURN___LFGE 323710	130.93 -2.67 0.00	125.78 -2.44 0.00	123.54 -2.39 0.00	123.90 -2.27 0.00	123.29 -2.39 0.00	130.82 -2.53 0.00	151.16 -1.84 0.00	194.64 -2.78 0.99	169.38 -2.23 0.00	149.62 -2.12 0.00	148.91 -2.27 0.00	142.69 -2.17 0.00	139.87 -2.27 -0.01	140.74 -2.29 -0.02	143.64 -2.34 0.00	150.15 -2.29 0.00	176.92 -1.97 0.00	206.53 -1.25 0.00	186.89 -1.51 0.00	177.77 -1.80 0.00	154.19 -0.31 0.00	143.78 -1.89 0.00	143.47 -2.33 0.00	135.68 -2.49 0.00
BABYLON_RES_REC 323704	138.44 4.00 -0.83	131.99 3.98 0.20	129.34 3.40 -0.01	129.45 3.27 0.00	129.32 3.65 0.00	139.01 4.27 -1.39	170.06 7.80 -9.26	205.43 9.92 2.89	174.65 7.21 4.17	154.57 5.62 2.80	155.67 7.41 2.92	151.11 8.69 2.44	148.25 8.24 2.13	150.39 9.73 2.35	151.95 8.46 2.48	163.87 11.44 0.01	191.89 12.89 -0.12	232.67 14.75 -10.14	202.34 13.94 0.00	192.52 12.75 -0.20	169.40 12.82 -2.08	156.53 10.49 -0.37	155.18 6.12 -3.26	141.67 4.70 1.20
BALL_HILL_WT_PWR 323825	121.44 -12.16 0.00	116.16 -12.06 0.00	114.72 -11.21 0.00	114.69 -11.48 0.00	114.61 -11.06 0.00	119.21 -14.14 0.00	137.55 -15.45 0.00	172.52 -24.41 1.47	147.18 -21.46 2.96	132.29 -19.43 0.03	131.68 -19.50 0.00	125.89 -18.97 0.00	123.22 -18.90 0.01	124.26 -18.73 0.02	126.67 -19.27 0.03	124.41 -18.91 9.12	156.87 -21.29 0.73	185.05 -22.44 0.29	168.36 -19.97 0.06	159.94 -19.57 0.06	141.05 -13.44 0.00	130.09 -15.58 0.00	130.05 -15.75 0.00	123.66 -14.51 0.00
BARON_WINDS___WT_PWR 323822	122.91 -10.69 0.00	117.95 -10.26 0.00	116.35 -9.58 0.00	116.84 -9.34 0.00	116.75 -8.92 0.00	122.56 -10.80 0.00	144.10 -11.02 -2.11	180.18 -17.26 0.96	141.63 -15.95 14.02	136.56 -15.03 0.16	136.06 -15.12 0.00	130.24 -14.63 0.00	127.48 -14.64 0.02	128.24 -14.73 0.04	130.78 -15.03 0.16	94.53 -14.78 43.13	158.81 -16.63 3.45	188.56 -17.87 1.35	172.10 -16.01 0.28	163.66 -15.62 0.28	143.68 -10.82 0.00	133.44 -12.24 0.00	133.41 -12.39 0.00	126.84 -11.33 0.00
BARRETT_IC_1 23704	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05
BARRETT_IC_10 23701	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05
BARRETT_IC_11 23702	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05
BARRETT_IC_12 23703	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05
BARRETT_IC_2 23705	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05
BARRETT_IC_3 23706	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05
BARRETT_IC_4 23707	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05
BARRETT_IC_5 23708	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05



BARRETT_IC_6 23709	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05
BARRETT_IC_7 23710	137.48 3.87 -0.01	132.07 3.85 -0.01	130.60 4.66 -0.01	129.59 3.41 -0.01	130.08 4.40 -0.01	137.36 4.00 -0.01	167.04 6.73 -7.30	208.01 8.33 -1.28	177.62 6.01 -0.01	156.92 5.16 -0.01	156.63 5.44 -0.01	151.28 6.37 -0.05	150.43 8.24 -0.05	149.92 6.86 -0.05	153.76 7.74 -0.05	162.70 10.21 -0.05	189.45 10.55 -0.01	329.92 11.22 -110.92	199.53 11.12 -0.02	190.17 10.59 -0.01	172.73 10.20 -8.03	157.46 8.74 -3.05	152.55 6.71 -0.05	142.49 4.28 -0.05
BARRETT_IC_8 23711	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05
BARRETT_IC_9 23700	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05
BARRETT___1 23545	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05
BARRETT___2 23546	137.48 3.88 -0.01	132.06 3.84 -0.01	129.21 3.27 -0.01	129.20 3.02 -0.01	128.94 3.26 -0.01	137.36 4.00 -0.01	167.35 7.04 -7.30	208.21 8.53 -1.28	177.97 6.35 -0.01	157.06 5.31 -0.01	158.29 7.11 -0.01	153.60 8.69 -0.05	150.57 8.38 -0.05	152.65 9.58 -0.05	153.90 7.88 -0.05	162.70 10.21 -0.05	189.81 10.91 -0.01	330.12 11.42 -110.92	199.91 11.49 -0.02	190.17 10.59 -0.01	173.34 10.81 -8.03	157.90 9.18 -3.05	151.25 5.40 -0.05	142.50 4.29 -0.05
BATAVIA___115KV_TB1 55881	120.91 -12.69 0.00	115.52 -12.69 0.00	113.59 -12.34 0.00	113.81 -12.36 0.00	113.36 -12.32 0.00	118.68 -14.67 0.00	135.10 -17.90 0.00	171.93 -25.00 1.47	150.88 -21.97 -1.24	132.76 -18.97 0.02	132.59 -18.60 0.00	127.19 -17.67 0.00	124.79 -17.34 0.01	125.55 -17.45 0.01	127.85 -18.10 0.02	129.09 -19.05 4.29	158.95 -20.21 -0.28	187.72 -20.15 -0.09	168.61 -19.78 0.01	159.81 -19.75 0.01	141.98 -12.51 0.00	131.10 -14.57 0.00	130.64 -15.16 0.00	124.21 -13.95 0.00
BAYONEEC___CTG1 323682	140.81 7.21 0.00	134.88 6.66 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.15 6.80 0.00	169.47 9.18 -7.30	211.38 11.70 -1.27	179.57 9.60 1.64	160.99 9.26 0.01	160.08 8.92 0.02	153.28 8.54 0.13	150.65 8.53 0.02	151.72 8.72 0.02	154.57 8.61 0.02	161.90 9.61 0.15	188.44 10.73 1.18	215.83 11.63 3.58	196.69 10.92 2.63	188.34 10.23 1.46	163.59 10.81 1.10	153.52 9.18 0.02	153.23 7.43 0.00	144.66 6.50 0.00
BAYONEEC___CTG10 323750	140.81 7.21 0.00	134.88 6.66 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.15 6.80 0.00	169.47 9.18 -7.30	211.38 11.70 -1.27	179.57 9.60 1.64	160.99 9.26 0.01	160.08 8.92 0.02	153.28 8.54 0.13	150.65 8.53 0.02	151.72 8.72 0.02	154.57 8.61 0.02	161.90 9.61 0.15	188.44 10.73 1.18	215.83 11.63 3.58	196.69 10.92 2.63	188.34 10.23 1.46	163.59 10.81 1.10	153.52 9.18 0.02	153.23 7.43 0.00	144.66 6.50 0.00
BAYONEEC___CTG2 323683	140.81 7.21 0.00	134.88 6.66 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.15 6.80 0.00	169.47 9.18 -7.30	211.38 11.70 -1.27	179.57 9.60 1.64	160.99 9.26 0.01	160.08 8.92 0.02	153.28 8.54 0.13	150.65 8.53 0.02	151.72 8.72 0.02	154.57 8.61 0.02	161.90 9.61 0.15	188.44 10.73 1.18	215.83 11.63 3.58	196.69 10.92 2.63	188.34 10.23 1.46	163.59 10.81 1.10	153.52 9.18 0.02	153.23 7.43 0.00	144.66 6.50 0.00
BAYONEEC___CTG3 323684	140.81 7.21 0.00	134.88 6.66 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.15 6.80 0.00	169.47 9.18 -7.30	211.38 11.70 -1.27	179.57 9.60 1.64	160.99 9.26 0.01	160.08 8.92 0.02	153.28 8.54 0.13	150.65 8.53 0.02	151.72 8.72 0.02	154.57 8.61 0.02	161.90 9.61 0.15	188.44 10.73 1.18	215.83 11.63 3.58	196.69 10.92 2.63	188.34 10.23 1.46	163.59 10.81 1.10	153.52 9.18 0.02	153.23 7.43 0.00	144.66 6.50 0.00
BAYONEEC___CTG4 323685	140.81 7.21 0.00	134.88 6.66 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.15 6.80 0.00	169.47 9.18 -7.30	211.38 11.70 -1.27	179.57 9.60 1.64	160.99 9.26 0.01	160.08 8.92 0.02	153.28 8.54 0.13	150.65 8.53 0.02	151.72 8.72 0.02	154.57 8.61 0.02	161.90 9.61 0.15	188.44 10.73 1.18	215.83 11.63 3.58	196.69 10.92 2.63	188.34 10.23 1.46	163.59 10.81 1.10	153.52 9.18 0.02	153.23 7.43 0.00	144.66 6.50 0.00
BAYONEEC___CTG5 323686	140.81 7.21 0.00	134.88 6.66 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.15 6.80 0.00	169.47 9.18 -7.30	211.38 11.70 -1.27	179.57 9.60 1.64	160.99 9.26 0.01	160.08 8.92 0.02	153.28 8.54 0.13	150.65 8.53 0.02	151.72 8.72 0.02	154.57 8.61 0.02	161.90 9.61 0.15	188.44 10.73 1.18	215.83 11.63 3.58	196.69 10.92 2.63	188.34 10.23 1.46	163.59 10.81 1.10	153.52 9.18 0.02	153.23 7.43 0.00	144.66 6.50 0.00
BAYONEEC___CTG6 323687	140.81 7.21 0.00	134.88 6.66 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.15 6.80 0.00	169.47 9.18 -7.30	211.38 11.70 -1.27	179.57 9.60 1.64	160.99 9.26 0.01	160.08 8.92 0.02	153.28 8.54 0.13	150.65 8.53 0.02	151.72 8.72 0.02	154.57 8.61 0.02	161.90 9.61 0.15	188.44 10.73 1.18	215.83 11.63 3.58	196.69 10.92 2.63	188.34 10.23 1.46	163.59 10.81 1.10	153.52 9.18 0.02	153.23 7.43 0.00	144.66 6.50 0.00
BAYONEEC___CTG7 323688	140.81 7.21 0.00	134.88 6.66 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.15 6.80 0.00	169.47 9.18 -7.30	211.38 11.70 -1.27	179.57 9.60 1.64	160.99 9.26 0.01	160.08 8.92 0.02	153.28 8.54 0.13	150.65 8.53 0.02	151.72 8.72 0.02	154.57 8.61 0.02	161.90 9.61 0.15	188.44 10.73 1.18	215.83 11.63 3.58	196.69 10.92 2.63	188.34 10.23 1.46	163.59 10.81 1.10	153.52 9.18 0.02	153.23 7.43 0.00	144.66 6.50 0.00



BAYONEEC___CTG8 323689	140.81 7.21 0.00	134.88 6.66 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.15 6.80 0.00	169.47 9.18 -7.30	211.38 11.70 -1.27	179.57 9.60 1.64	160.99 9.26 0.01	160.08 8.92 0.02	153.28 8.54 0.13	150.65 8.53 0.02	151.72 8.72 0.02	154.57 8.61 0.02	161.90 9.61 0.15	188.44 10.73 1.18	215.83 11.63 3.58	196.69 10.92 2.63	188.34 10.23 1.46	163.59 10.19 1.10	153.52 7.86 0.02	153.23 7.43 0.00	144.66 6.50 0.00
BAYONEEC___CTG9 323749	140.81 7.21 0.00	134.88 6.66 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.15 6.80 0.00	169.47 9.18 -7.30	211.38 11.70 -1.27	179.57 9.60 1.64	160.99 9.26 0.01	160.08 8.92 0.02	153.28 8.54 0.13	150.65 8.53 0.02	151.72 8.72 0.02	154.57 8.61 0.02	161.90 9.61 0.15	188.44 10.73 1.18	215.83 11.63 3.58	196.69 10.92 2.63	188.34 10.23 1.46	163.59 10.19 1.10	153.52 7.86 0.02	153.23 7.43 0.00	144.66 6.50 0.00
BEACON___LESR 323632	140.68 7.08 0.00	134.75 6.54 0.00	132.35 6.42 0.00	132.60 6.43 0.00	131.95 6.28 0.00	140.28 6.93 0.00	197.43 8.10 -36.32	215.30 9.13 -7.77	179.84 8.24 0.00	159.18 7.43 0.00	158.29 7.11 0.00	151.67 6.81 0.00	148.96 6.82 0.00	150.16 7.15 0.00	152.25 6.27 0.00	158.54 6.10 0.00	186.05 7.16 0.00	214.85 7.07 0.00	195.37 6.97 0.00	186.39 6.82 0.00	161.61 7.11 0.00	152.07 6.40 0.00	153.23 7.43 0.00	144.93 6.77 0.00
BEAVER RIVER___HYD 24048	134.94 1.34 0.00	130.01 1.79 0.00	127.82 1.89 0.00	128.07 1.90 0.00	127.56 1.89 0.00	135.62 2.26 0.00	155.90 2.90 0.00	203.76 5.36 0.00	175.38 3.77 0.00	154.48 2.73 0.00	154.20 3.02 0.00	147.47 2.61 0.00	144.83 2.69 0.00	145.44 2.43 0.00	148.30 2.33 0.00	155.49 3.05 0.00	181.93 3.04 0.00	211.93 4.15 0.00	191.23 2.83 0.00	182.43 2.86 0.00	156.36 1.86 0.00	146.55 0.88 0.00	147.69 1.89 0.00	140.51 2.35 0.00
BEEBEE_GT_13 23619	124.25 -9.35 0.00	118.85 -9.36 0.00	116.86 -9.07 0.00	117.21 -8.96 0.00	116.62 -9.05 0.00	122.82 -10.53 0.00	140.30 -12.70 0.00	179.45 -17.46 1.49	155.97 -15.62 0.02	138.69 -13.05 0.00	138.63 -12.55 0.00	132.98 -11.88 0.00	130.62 -11.51 0.00	131.28 -11.73 0.01	133.71 -12.26 0.00	137.90 -13.41 1.12	164.57 -14.31 0.01	193.65 -14.13 0.01	174.07 -14.32 0.00	165.20 -14.37 0.00	145.69 -8.81 0.00	135.33 -10.34 0.00	135.01 -10.79 0.00	128.08 -10.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	142.56 8.95 -0.01	136.68 8.46 -0.01	134.12 8.19 -0.01	134.13 7.95 -0.01	133.47 7.79 -0.01	141.76 8.40 -0.01	171.01 10.71 -7.30	213.17 13.49 -1.27	185.59 12.36 -1.63	162.38 10.62 -0.01	162.08 10.89 -0.01	155.41 10.43 -0.12	152.66 10.52 -0.01	153.75 10.73 -0.01	156.64 10.66 -0.01	164.62 12.04 -0.14	193.66 13.60 -1.17	222.96 15.17 -0.01	202.72 14.32 -0.01	193.93 13.83 -0.53	167.43 12.82 -0.11	155.73 10.05 -0.01	155.29 9.48 -0.01	146.46 8.29 -0.01
BETHLEHEM___GRP 23843	138.68 5.08 0.00	132.96 4.74 0.00	130.59 4.66 0.00	130.84 4.67 0.00	130.20 4.52 0.00	138.15 4.80 0.00	193.63 5.35 -35.28	211.30 5.36 -7.54	176.41 4.80 0.00	156.60 4.86 0.00	155.72 4.54 0.00	149.35 4.49 0.00	146.69 4.55 0.00	147.73 4.72 0.00	149.62 3.65 0.00	155.79 3.35 0.00	182.11 3.22 0.00	210.48 2.70 0.00	191.22 2.83 0.00	182.62 3.05 0.00	158.36 3.86 0.00	149.17 3.50 0.00	151.05 5.25 0.00	142.86 4.70 0.00
BETHLEHEM___GS1 323560	138.68 5.08 0.00	132.96 4.75 0.00	130.46 4.53 0.00	130.84 4.67 0.00	130.19 4.52 0.00	138.15 4.79 0.00	193.78 5.50 -35.28	211.49 5.55 -7.54	176.75 5.14 0.00	156.60 4.85 0.00	155.87 4.69 0.00	149.50 4.63 0.00	146.82 4.68 0.00	147.88 4.87 0.00	149.76 3.79 0.00	155.79 3.35 0.00	182.28 3.39 0.00	210.69 2.91 0.00	191.60 3.20 0.00	182.62 3.05 0.00	158.67 4.17 0.00	149.31 3.64 0.00	151.04 5.24 0.00	142.87 4.70 0.00
BETHLEHEM___GS2 323561	138.68 5.08 0.00	132.96 4.75 0.00	130.46 4.53 0.00	130.84 4.67 0.00	130.19 4.52 0.00	138.15 4.79 0.00	193.78 5.50 -35.28	211.49 5.55 -7.54	176.75 5.14 0.00	156.60 4.85 0.00	155.87 4.69 0.00	149.50 4.63 0.00	146.82 4.68 0.00	147.88 4.87 0.00	149.76 3.79 0.00	155.79 3.35 0.00	182.28 3.39 0.00	210.69 2.91 0.00	191.60 3.20 0.00	182.62 3.05 0.00	158.67 4.17 0.00	149.31 3.64 0.00	151.04 5.24 0.00	142.87 4.70 0.00
BETHLEHEM___GS3 323562	138.68 5.08 0.00	132.96 4.75 0.00	130.46 4.53 0.00	130.84 4.67 0.00	130.19 4.52 0.00	138.15 4.79 0.00	193.78 5.50 -35.28	211.49 5.55 -7.54	176.75 5.14 0.00	156.60 4.85 0.00	155.87 4.69 0.00	149.50 4.63 0.00	146.82 4.68 0.00	147.88 4.87 0.00	149.76 3.79 0.00	155.79 3.35 0.00	182.28 3.39 0.00	210.69 2.91 0.00	191.60 3.20 0.00	182.62 3.05 0.00	158.67 4.17 0.00	149.31 3.64 0.00	151.04 5.24 0.00	142.87 4.70 0.00
BETHLEHEM___STEEL 23779	120.11 -13.49 0.00	114.75 -13.46 0.00	112.71 -13.22 0.00	113.18 -13.00 0.00	112.85 -12.82 0.00	117.62 -15.74 0.00	133.72 -19.28 0.00	168.95 -27.97 1.48	145.28 -23.68 2.65	130.77 -20.94 0.03	130.32 -20.86 0.00	125.02 -19.85 0.00	122.37 -19.76 0.01	123.40 -19.59 0.02	125.80 -20.14 0.03	123.08 -20.43 8.93	155.52 -22.72 0.65	183.00 -24.52 0.26	166.11 -22.23 0.06	157.78 -21.73 0.06	139.66 -14.83 0.00	129.21 -16.46 0.00	128.89 -16.91 0.00	122.69 -15.47 0.00
BETHLHEM_115KV_TB1 79974	138.54 4.94 0.00	132.83 4.62 0.00	130.34 4.41 0.00	130.59 4.42 0.00	130.07 4.40 0.00	138.02 4.67 0.00	191.63 5.20 -33.43	210.91 5.36 -7.15	176.41 4.80 0.00	156.45 4.70 0.00	155.56 4.38 0.00	149.21 4.35 0.00	146.69 4.55 0.00	147.59 4.58 0.00	149.77 3.80 0.00	155.94 3.51 0.00	182.29 3.40 0.00	210.69 2.91 0.00	191.60 3.20 0.00	182.80 3.23 0.00	158.51 4.02 0.00	149.17 3.50 0.00	150.76 4.96 0.00	142.72 4.56 0.00
BETHPAGE_CC_5 323564	137.46 4.27 0.42	132.67 4.61 0.15	129.84 3.91 0.00	129.95 3.78 0.00	129.69 4.02 0.00	137.82 4.79 0.32	168.55 8.26 -7.30	207.82 10.51 1.09	177.14 7.90 2.36	156.53 6.37 1.59	157.68 8.16 1.66	152.89 9.41 1.39	150.03 9.10 1.21	152.12 10.43 1.33	153.62 9.05 1.41	164.17 11.74 0.00	192.13 13.24 0.00	238.62 14.97 -15.87	202.54 14.14 -0.01	192.50 12.94 0.00	168.91 13.12 -1.29	156.93 10.78 -0.48	152.51 6.71 0.00	142.74 5.25 0.68
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	120.64 -12.96 0.00	115.26 -12.95 0.00	113.21 -12.72 0.00	113.68 -12.49 0.00	113.48 -12.19 0.00	118.28 -15.07 0.00	134.79 -18.21 0.00	171.14 -25.79 1.47	147.79 -21.28 2.53	132.44 -19.27 0.03	131.83 -19.35 0.00	126.47 -18.40 0.00	123.79 -18.34 0.01	124.83 -18.16 0.02	127.55 -18.39 0.03	125.78 -18.14 8.51	158.05 -20.21 0.63	185.72 -21.82 0.25	169.13 -19.22 0.05	160.66 -18.85 0.05	141.21 -13.29 0.00	130.52 -15.15 0.00	130.05 -15.75 0.00	123.93 -14.23 0.00
BINGHAMTON___COGEN 23790	131.06 -2.54 0.00	125.78 -2.44 0.00	123.41 -2.52 0.00	123.77 -2.40 0.00	123.29 -2.39 0.00	130.42 -2.93 0.00	154.00 -2.30 -3.30	193.04 -4.76 0.60	169.46 -2.75 -0.60	149.02 -2.73 -0.01	148.16 -3.02 0.00	141.97 -2.90 0.00	139.43 -2.70 0.00	140.29 -2.72 0.01	143.21 -2.77 -0.01	151.99 -2.29 -1.84	176.53 -2.50 -0.15	205.34 -2.49 -0.06	186.34 -2.07 -0.01	177.42 -2.15 -0.01	153.88 -0.62 0.00	143.63 -2.04 0.00	143.32 -2.48 0.00	135.82 -2.35 0.00



BIXINCNT_115KV_LOAD 355685	120.51 -13.09 0.00	115.01 -13.21 0.00	113.46 -12.47 0.00	114.44 -11.73 0.00	114.99 -10.68 0.00	120.28 -13.07 0.00	138.16 -14.84 0.00	174.72 -22.22 1.46	151.29 -17.85 2.47	134.12 -17.60 0.03	133.19 -17.99 0.00	128.20 -16.66 0.00	125.64 -16.49 0.01	125.98 -17.02 0.02	128.72 -17.23 0.03	128.67 -16.16 7.61	160.21 -18.07 0.61	187.59 -19.95 0.24	171.20 -17.14 0.05	162.82 -16.70 0.05	142.14 -12.36 0.00	131.40 -14.28 0.00	130.93 -14.87 0.00	125.04 -13.13 0.00
BLACK RIVER___HYD 24047	136.01 2.41 0.00	131.03 2.82 0.00	128.70 2.77 0.00	128.83 2.65 0.00	128.43 2.76 0.00	136.69 3.34 0.00	157.75 4.75 0.00	206.73 8.33 0.00	177.77 6.17 0.00	156.30 4.55 0.00	155.87 4.69 0.00	149.07 4.20 0.00	146.40 4.26 0.00	147.01 4.00 0.00	149.92 3.94 0.00	157.62 5.19 0.00	185.51 6.62 0.00	216.91 9.13 0.00	195.37 6.97 0.00	186.39 6.82 0.00	160.22 5.72 0.00	149.45 3.78 0.00	149.74 3.94 0.00	141.75 3.59 0.00
BLACKRVR_115KV_TB2 79977	136.01 2.40 0.00	131.03 2.82 0.00	128.57 2.64 0.00	128.82 2.65 0.00	128.31 2.64 0.00	136.69 3.33 0.00	157.74 4.74 0.00	206.74 8.33 0.00	177.78 6.18 0.00	156.30 4.55 0.00	155.87 4.69 0.00	149.06 4.20 0.00	146.26 4.12 0.00	147.16 4.15 0.00	150.06 4.09 0.00	157.62 5.18 0.00	185.51 6.62 0.00	216.92 9.14 0.00	195.37 6.97 0.00	186.39 6.82 0.00	160.21 5.72 0.00	149.60 3.93 0.00	149.74 3.94 0.00	141.76 3.59 0.00
BLDWN_LI_69_KV_BK4 356085	138.68 5.08 0.00	133.22 5.00 0.00	131.60 5.67 0.00	130.59 4.42 0.00	131.08 5.40 0.00	138.55 5.20 0.00	168.71 8.41 -7.30	210.19 10.52 -1.27	179.33 7.72 0.00	158.28 6.53 0.00	158.14 6.95 0.00	152.70 7.82 -0.01	151.53 9.38 -0.01	151.32 8.29 -0.01	155.04 9.05 -0.01	164.34 11.89 -0.01	191.95 13.06 0.00	266.90 14.34 -44.79	201.97 13.56 -0.01	192.32 12.75 0.00	170.56 12.82 -3.24	157.53 10.63 -1.22	153.98 8.16 -0.01	143.70 5.53 -0.01
BLISS_WT_PWR 323608	119.84 -13.76 0.00	114.36 -13.85 0.00	113.46 -12.47 0.00	114.31 -11.86 0.00	115.24 -10.43 0.00	120.15 -13.20 0.00	139.23 -13.77 0.00	175.51 -21.43 1.46	151.12 -18.02 2.47	133.66 -18.06 0.03	133.03 -18.15 0.00	127.91 -16.95 0.00	125.35 -16.77 0.01	125.54 -17.45 0.02	128.28 -17.67 0.03	128.52 -16.31 7.61	159.86 -18.42 0.61	186.14 -21.40 0.24	169.51 -18.84 0.05	160.48 -19.04 0.05	141.67 -12.82 0.00	131.11 -14.57 0.00	131.08 -14.72 0.00	124.77 -13.40 0.00
BLUESTONE___WT_PWR 323821	137.21 3.61 0.00	132.06 3.84 0.00	129.70 3.77 0.00	130.09 3.92 0.00	129.69 4.02 0.00	138.02 4.66 0.00	166.66 7.65 -6.01	205.13 6.54 -0.19	178.06 5.84 -0.62	156.47 4.71 -0.01	155.71 4.53 0.00	148.91 4.05 0.00	146.12 3.97 -0.01	147.18 4.15 -0.01	151.09 5.11 -0.01	160.74 6.40 -1.90	187.45 8.41 -0.15	218.64 10.80 -0.06	197.64 9.23 -0.01	188.38 8.80 -0.01	163.30 8.80 0.00	150.77 5.10 0.00	149.88 4.08 0.00	141.75 3.59 0.00
BLUE_CIRC_CHEM_DRP 24182	139.08 5.48 0.00	133.34 5.13 0.00	130.97 5.04 0.00	131.22 5.05 0.00	130.57 4.90 0.00	138.55 5.20 0.00	184.99 5.97 -26.03	210.51 6.55 -5.56	177.44 5.83 0.00	156.91 5.16 0.00	155.87 4.69 0.00	149.50 4.64 0.00	146.83 4.69 0.00	148.02 5.01 0.00	150.65 4.67 0.00	157.16 4.73 0.00	184.08 5.19 0.00	213.18 5.40 0.00	193.67 5.28 0.00	184.77 5.21 0.00	159.90 5.41 0.00	150.48 4.81 0.00	151.34 5.54 0.00	143.28 5.11 0.00
BOC_GAS_DRP 24189	137.48 3.87 0.00	131.80 3.59 0.00	129.46 3.53 0.00	129.58 3.41 0.00	129.07 3.39 0.00	136.95 3.60 0.00	180.41 4.28 -23.13	208.11 4.76 -4.95	175.72 4.12 0.00	155.69 3.95 0.00	154.96 3.78 0.00	148.63 3.77 0.00	145.97 3.84 0.00	146.87 3.86 0.00	149.48 3.50 0.00	155.79 3.35 0.00	182.47 3.58 0.00	211.10 3.32 0.00	191.79 3.39 0.00	182.98 3.41 0.00	158.36 3.86 0.00	149.02 3.35 0.00	149.59 3.79 0.00	141.62 3.45 0.00
BOONVILLE_115KV_TB1 79983	136.41 2.81 0.00	131.29 3.08 0.00	128.95 3.02 0.00	129.20 3.03 0.00	128.69 3.02 0.00	136.82 3.47 0.00	157.59 4.59 0.00	204.98 6.94 0.37	177.27 5.66 0.00	156.45 4.70 0.00	155.87 4.69 0.00	149.21 4.35 0.00	146.54 4.41 0.00	147.30 4.29 0.00	150.21 4.23 0.00	157.16 4.73 0.00	184.43 5.55 0.00	214.64 6.86 0.00	193.86 5.46 0.00	184.77 5.21 0.00	159.13 4.63 0.00	149.02 3.35 0.00	149.30 3.50 0.00	141.48 3.32 0.00
BORALEX_4TH_BRANCH 23824	142.02 8.42 0.00	136.03 7.82 0.00	133.49 7.56 0.00	133.74 7.57 0.00	133.09 7.41 0.00	141.49 8.13 0.00	216.33 9.94 -53.39	222.12 12.30 -11.41	182.25 10.64 0.00	161.01 9.26 0.00	160.25 9.07 0.00	153.70 8.84 0.00	150.95 8.81 0.00	152.02 9.01 0.00	154.88 8.90 0.00	161.28 8.84 0.00	189.08 10.20 0.00	219.21 11.43 0.00	199.13 10.74 0.00	190.16 10.59 0.00	164.38 9.89 0.00	154.56 8.89 0.00	154.55 8.75 0.00	146.18 8.01 0.00
BOWLINE___1 23526	138.15 4.55 0.00	132.32 4.10 0.00	129.70 3.77 0.00	129.83 3.66 0.00	129.19 3.51 0.00	137.49 4.14 0.00	166.02 5.96 -7.06	207.16 7.54 -1.22	177.77 6.17 0.00	157.66 5.91 0.00	156.92 5.74 0.00	150.23 5.36 0.00	147.67 5.54 0.00	148.74 5.73 0.00	151.52 5.55 0.00	158.69 6.25 0.00	186.05 7.16 0.00	215.47 7.69 0.00	195.94 7.54 0.00	186.39 6.82 0.00	161.76 7.26 0.00	150.91 5.24 0.00	150.17 4.37 0.00	141.75 3.59 0.00
BOWLINE___2 23595	138.15 4.55 0.00	132.44 4.22 0.00	129.70 3.77 0.00	129.95 3.78 0.00	129.19 3.51 0.00	137.49 4.14 0.00	166.02 5.96 -7.06	207.16 7.54 -1.22	177.77 6.17 0.00	157.66 5.91 0.00	156.92 5.74 0.00	150.23 5.36 0.00	147.67 5.54 0.00	148.74 5.73 0.00	151.52 5.55 0.00	158.69 6.25 0.00	186.05 7.16 0.00	215.47 7.69 0.00	195.94 7.54 0.00	186.39 6.82 0.00	161.76 7.26 0.00	150.91 5.24 0.00	150.33 4.52 0.00	141.90 3.73 0.00
BRADY___115KV_TB2 356060	136.81 3.21 0.00	131.55 3.33 0.00	129.58 3.65 0.00	129.83 3.66 0.00	129.07 3.39 0.00	136.95 3.60 0.00	155.75 2.75 0.00	204.55 6.15 0.00	176.07 4.46 0.00	155.24 3.49 0.00	154.05 2.87 0.00	147.18 2.32 0.00	144.27 2.13 0.00	145.02 2.00 0.00	148.46 2.48 0.00	155.18 2.74 0.00	183.36 4.47 0.00	213.60 5.82 0.00	192.92 4.52 0.00	183.88 4.31 0.00	155.73 1.24 0.00	148.00 2.33 0.00	148.72 2.92 0.00	142.31 4.14 0.00
BRANSCOMB___SOLAR 323811	142.02 8.42 0.00	136.04 7.82 0.00	133.61 7.68 0.00	134.00 7.83 0.00	133.34 7.67 0.00	141.62 8.27 0.00	236.35 10.10 -73.26	227.16 13.09 -15.66	182.42 10.82 0.00	160.70 8.95 0.00	159.64 8.46 0.00	152.97 8.11 0.00	150.38 8.24 0.00	151.45 8.44 0.00	154.59 8.61 0.00	161.43 8.99 0.00	189.98 11.10 0.00	220.04 12.26 0.00	199.89 11.49 0.00	190.52 10.96 0.00	164.69 10.19 0.00	154.71 9.03 0.00	154.55 8.75 0.00	146.32 8.15 0.00
BRDGHMPT_69_KV_BK1 55812	175.12 8.42 -33.10	137.13 8.21 -0.71	135.39 9.32 -0.14	133.78 7.57 -0.04	134.63 8.92 -0.04	184.80 8.67 -42.78	217.92 13.00 -51.91	201.90 16.47 12.97	169.54 12.18 14.25	151.14 8.95 9.56	150.57 9.37 9.99	146.36 9.85 8.36	145.95 11.09 7.28	145.13 10.15 8.04	149.16 11.68 8.50	168.27 15.85 0.02	200.14 18.60 -2.64	219.48 18.70 7.00	206.66 18.27 0.01	201.48 17.42 -4.50	196.39 16.53 -25.36	160.81 15.00 -0.14	231.76 11.81 -74.15	143.06 8.98 4.09



BRENTWOD_69_KV_W. BRTWOOD 56703	137.40 3.07 -0.72	130.48 3.08 0.81	130.10 4.16 -0.01	129.71 3.53 0.00	130.33 4.65 0.00	138.83 3.33 -2.14	171.17 6.73 -11.44	193.56 8.53 13.37	162.80 5.83 14.64	146.17 4.25 9.83	145.90 4.99 10.27	141.93 5.65 8.59	141.91 7.25 7.48	140.90 6.15 8.26	144.54 7.30 8.73	163.24 10.82 0.02	190.76 11.63 -0.25	216.03 13.51 5.25	202.14 13.75 0.01	191.84 11.85 -0.42	169.09 11.74 -2.85	155.19 9.32 -0.19	159.10 6.42 -6.88	137.70 3.73 4.20
BRISTLHL_115KV_TB1 79998	129.19 -4.41 0.00	124.11 -4.10 0.00	121.77 -4.16 0.00	122.13 -4.04 0.00	121.53 -4.15 0.00	128.82 -4.53 0.00	148.41 -4.59 0.00	192.65 -6.35 -0.60	166.29 -5.32 0.00	147.20 -4.55 0.00	146.65 -4.54 0.00	140.52 -4.35 0.00	138.02 -4.12 0.00	138.87 -4.15 0.00	141.60 -4.38 0.00	147.87 -4.57 0.00	173.70 -5.19 0.00	202.38 -5.40 0.00	183.12 -5.28 0.00	174.36 -5.21 0.00	150.94 -3.55 0.00	141.30 -4.37 0.00	141.28 -4.52 0.00	133.74 -4.42 0.00
BROOKHAVEN___DRP 24191	171.41 4.68 -33.13	133.54 4.62 -0.71	131.73 5.67 -0.14	130.37 4.16 -0.04	131.11 5.40 -0.04	181.11 4.93 -42.82	213.22 8.26 -51.96	195.93 10.52 12.99	164.72 7.38 14.27	147.18 5.01 9.57	146.77 5.59 10.00	142.73 6.23 8.37	142.52 7.68 7.29	141.69 6.72 8.05	145.35 7.88 8.51	164.00 11.59 0.02	194.59 13.06 -2.65	214.22 13.51 7.06	201.95 13.56 0.01	197.18 13.11 -4.50	192.70 12.82 -25.38	156.44 10.63 -0.14	227.90 7.87 -74.23	139.19 5.11 4.09
BROOKLYN_NAVY_YARD 23515	140.94 7.34 0.00	134.88 6.66 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.28 6.93 0.00	169.63 9.33 -7.30	211.58 11.90 -1.27	181.56 9.95 0.00	161.16 9.41 0.00	160.25 9.07 0.00	153.41 8.54 0.00	150.81 8.67 0.00	151.88 8.87 0.00	154.73 8.76 0.00	162.20 9.76 0.00	190.16 11.28 0.00	219.62 11.84 0.00	199.70 11.30 0.00	190.34 10.77 0.00	165.15 10.65 0.00	153.82 8.15 0.00	153.52 7.72 0.00	144.80 6.63 0.00
BROOKLYN___ARMY_DRP 323595	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
BROOME_2_LFGE 323671	131.06 -2.54 0.00	125.77 -2.44 0.00	123.53 -2.40 0.00	123.90 -2.27 0.00	123.41 -2.26 0.00	130.42 -2.93 0.00	154.31 -1.99 -3.30	193.43 -4.37 0.60	169.45 -2.75 -0.60	149.03 -2.73 -0.01	148.30 -2.88 0.00	142.11 -2.76 0.00	139.43 -2.70 0.00	140.28 -2.72 0.01	143.36 -2.62 -0.01	151.99 -2.28 -1.84	176.70 -2.33 -0.15	205.56 -2.28 -0.06	186.52 -1.88 -0.01	177.43 -2.15 -0.01	154.03 -0.46 0.00	143.77 -1.90 0.00	143.32 -2.48 0.00	135.82 -2.35 0.00
BROOME___LFGE 323600	131.06 -2.54 0.00	125.77 -2.44 0.00	123.53 -2.40 0.00	123.90 -2.27 0.00	123.41 -2.26 0.00	130.42 -2.93 0.00	154.31 -1.99 -3.30	193.43 -4.37 0.60	169.45 -2.75 -0.60	149.03 -2.73 -0.01	148.30 -2.88 0.00	142.11 -2.76 0.00	139.43 -2.70 0.00	140.28 -2.72 0.01	143.36 -2.62 -0.01	151.99 -2.28 -1.84	176.70 -2.33 -0.15	205.56 -2.28 -0.06	186.52 -1.88 -0.01	177.43 -2.15 -0.01	154.03 -0.46 0.00	143.77 -1.90 0.00	143.32 -2.48 0.00	135.82 -2.35 0.00
BROWNFLS_115KV_TB_3_5 80003	134.80 1.20 0.00	129.88 1.67 0.00	127.82 1.89 0.00	128.06 1.89 0.00	127.31 1.63 0.00	135.09 1.73 0.00	154.22 1.22 0.00	202.17 3.77 0.00	174.18 2.57 0.00	153.42 1.67 0.00	152.99 1.81 0.00	146.31 1.45 0.00	143.56 1.42 0.00	144.16 1.14 0.00	147.29 1.31 0.00	153.96 1.52 0.00	180.14 1.25 0.00	209.65 1.87 0.00	189.34 0.94 0.00	180.47 0.90 0.00	153.72 -0.77 0.00	145.09 -0.58 0.00	146.68 0.87 0.00	140.10 1.93 0.00
BROWNSV1_27_KV_LOAD 356125	142.15 8.55 0.00	136.03 7.82 0.00	133.36 7.43 0.00	133.62 7.44 0.00	132.71 7.04 0.00	141.35 8.00 0.00	170.70 10.40 -7.30	213.17 13.49 -1.27	182.76 11.15 0.00	162.37 10.62 0.00	161.31 10.13 0.00	154.57 9.71 0.00	152.09 9.95 0.00	153.02 10.01 0.00	155.90 9.93 0.00	163.57 11.13 0.00	191.41 12.52 0.00	221.70 13.92 0.00	201.40 13.00 0.00	192.14 12.57 0.00	166.24 11.74 0.00	154.85 9.18 0.00	154.69 8.89 0.00	146.04 7.88 0.00
BURROWS___LYONSDAL 23803	136.01 2.40 0.00	130.91 2.69 0.00	128.57 2.64 0.00	128.82 2.65 0.00	128.44 2.76 0.00	136.55 3.20 0.00	157.13 4.13 0.00	204.62 6.55 0.34	176.75 5.15 0.00	155.85 4.10 0.00	155.41 4.23 0.00	148.77 3.91 0.00	146.12 3.98 0.00	146.87 3.86 0.00	149.62 3.65 0.00	156.71 4.27 0.00	183.90 5.01 0.00	213.81 6.03 0.00	193.11 4.71 0.00	184.06 4.49 0.00	158.36 3.86 0.00	148.44 2.77 0.00	148.86 3.06 0.00	141.21 3.04 0.00
CAITHNESS_CC_1 323624	170.92 4.15 -33.17	132.90 3.98 -0.71	129.47 3.40 -0.14	129.36 3.16 -0.04	129.22 3.51 -0.04	180.48 4.27 -42.87	212.65 7.65 -52.01	194.91 9.52 13.01	164.36 7.04 14.28	146.87 4.71 9.59	147.51 6.35 10.01	144.16 7.67 8.38	142.08 7.25 7.30	143.68 8.72 8.06	145.04 7.59 8.52	163.24 10.82 0.02	194.06 12.52 -2.65	213.54 12.89 7.12	201.57 13.18 0.01	196.10 12.03 -4.51	192.57 12.67 -25.41	156.15 10.34 -0.13	226.09 5.98 -74.31	138.62 4.55 4.10
CALPINE BETH_PAGE_GT4 24209	138.28 4.68 0.00	132.96 4.74 0.00	131.47 5.54 0.00	130.46 4.29 0.00	130.95 5.28 0.00	138.29 4.93 0.00	168.56 8.26 -7.30	210.19 10.52 -1.27	179.33 7.72 0.00	158.12 6.37 0.00	158.14 6.95 0.00	152.54 7.68 0.00	151.24 9.10 0.00	151.17 8.15 0.00	155.03 9.05 0.00	164.18 11.74 0.00	191.77 12.88 0.00	245.17 14.75 -22.64	202.16 13.75 -0.01	192.50 12.93 0.00	168.95 12.82 -1.63	156.77 10.49 -0.61	153.68 7.87 0.00	143.56 5.39 0.00
CALPINE_BETH_PAGE_GT_4 323586	138.27 4.67 0.00	132.96 4.75 0.00	130.08 4.15 0.00	130.09 3.92 0.00	129.81 4.14 0.00	138.29 4.94 0.00	168.71 8.41 -7.30	210.38 10.71 -1.27	179.67 8.07 0.00	158.42 6.67 0.00	159.49 8.31 0.00	154.42 9.56 0.00	151.37 9.23 0.00	153.60 10.58 0.00	155.18 9.20 0.00	164.34 11.90 0.00	192.31 13.42 0.00	245.58 15.16 -22.64	202.54 14.14 -0.01	192.50 12.94 0.00	169.42 13.29 -1.63	157.22 10.93 -0.61	152.66 6.85 0.00	143.55 5.38 0.00
CALPINE_BP_GT1 23823	138.27 4.67 0.00	132.96 4.75 0.00	130.08 4.15 0.00	130.09 3.92 0.00	129.81 4.14 0.00	138.29 4.94 0.00	168.71 8.41 -7.30	210.38 10.71 -1.27	179.67 8.07 0.00	158.42 6.67 0.00	159.49 8.31 0.00	154.42 9.56 0.00	151.37 9.23 0.00	153.60 10.58 0.00	155.18 9.20 0.00	164.34 11.90 0.00	192.31 13.42 0.00	245.58 15.16 -22.64	202.54 14.14 -0.01	192.50 12.94 0.00	169.42 13.29 -1.63	157.22 10.93 -0.61	152.66 6.85 0.00	143.55 5.38 0.00
CALSPAN___DRP 24200	120.11 -13.49 0.00	114.75 -13.46 0.00	112.71 -13.22 0.00	113.18 -13.00 0.00	112.85 -12.82 0.00	117.62 -15.74 0.00	133.72 -19.28 0.00	168.95 -27.97 1.48	145.28 -23.68 2.65	130.77 -20.94 0.03	130.32 -20.86 0.00	125.02 -19.85 0.00	122.37 -19.76 0.01	123.40 -19.59 0.02	125.80 -20.14 0.03	123.08 -20.43 8.93	155.52 -22.72 0.65	183.00 -24.52 0.26	166.11 -22.23 0.06	157.78 -21.73 0.06	139.66 -14.83 0.00	129.21 -16.46 0.00	128.89 -16.91 0.00	122.69 -15.47 0.00



CALVERTON___SOLAR 323806	172.22 5.48 -33.14	134.31 5.38 -0.71	130.73 4.66 -0.14	130.62 4.41 -0.04	130.49 4.77 -0.04	181.78 5.60 -42.83	214.46 9.49 -51.97	197.12 11.70 12.99	166.10 8.75 14.26	148.09 5.91 9.57	148.89 7.71 10.00	145.34 8.84 8.36	143.09 8.24 7.28	144.98 10.01 8.04	146.38 8.91 8.50	164.92 12.50 0.02	196.21 14.67 -2.65	215.71 14.97 7.04	203.84 15.45 0.01	198.08 14.02 -4.50	194.57 14.68 -25.39	157.75 11.95 -0.14	227.62 7.58 -74.24	140.01 5.94 4.09
CANDIGU_WT_PWR 323617	122.91 -10.69 0.00	117.95 -10.26 0.00	116.35 -9.58 0.00	116.84 -9.34 0.00	116.75 -8.92 0.00	122.56 -10.80 0.00	144.10 -11.02 -2.11	180.18 -17.26 0.96	141.63 -15.95 14.02	136.56 -15.03 0.16	136.06 -15.12 0.00	130.24 -14.63 0.00	127.48 -14.64 0.02	128.24 -14.73 0.04	130.78 -15.03 0.16	94.53 -14.78 43.13	158.81 -16.63 3.45	188.56 -17.87 1.35	172.10 -16.01 0.28	163.66 -15.62 0.28	143.68 -10.82 0.00	133.44 -12.24 0.00	133.41 -12.39 0.00	126.84 -11.33 0.00
CARR STREET_E__SYR 24060	129.46 -4.14 0.00	124.37 -3.84 0.00	122.16 -3.77 0.00	122.39 -3.78 0.00	121.91 -3.77 0.00	129.08 -4.27 0.00	149.18 -3.82 0.00	191.05 -5.76 1.59	166.80 -4.80 0.00	147.66 -4.09 0.00	146.95 -4.23 0.00	140.81 -4.06 0.00	138.31 -3.83 0.00	139.16 -3.85 0.00	141.89 -4.09 0.00	148.33 -4.11 0.00	174.24 -4.65 0.00	203.01 -4.77 0.00	183.87 -4.52 0.00	175.09 -4.48 0.00	151.41 -3.09 0.00	141.59 -4.08 0.00	141.57 -4.23 0.00	133.88 -4.28 0.00
CARTHAGE___PAPER 23857	135.47 1.87 0.00	130.52 2.31 0.00	128.32 2.39 0.00	128.44 2.27 0.00	128.06 2.38 0.00	136.28 2.93 0.00	156.97 3.97 0.00	205.54 7.13 0.00	176.93 5.33 0.00	155.54 3.80 0.00	155.10 3.92 0.00	148.33 3.47 0.00	145.54 3.41 0.00	146.31 3.29 0.00	149.18 3.21 0.00	156.56 4.12 0.00	183.72 4.83 0.00	214.63 6.85 0.00	193.29 4.89 0.00	184.59 5.02 0.00	158.20 3.70 0.00	147.99 2.32 0.00	148.72 2.91 0.00	141.20 3.04 0.00
CASSADAGA_WT_PWR 323784	124.65 -8.95 0.00	119.23 -8.98 0.00	117.75 -8.18 0.00	117.72 -8.45 0.00	117.63 -8.05 0.00	122.56 -10.80 0.00	142.14 -10.86 0.00	178.09 -18.85 1.47	153.02 -15.95 2.63	136.40 -15.32 0.03	135.45 -15.73 0.00	129.22 -15.65 0.00	126.35 -15.78 0.01	127.55 -15.45 0.02	130.04 -15.91 0.03	129.26 -15.09 8.08	161.61 -16.63 0.65	189.86 -17.66 0.25	172.90 -15.44 0.05	163.89 -15.62 0.05	144.46 -10.04 0.00	133.14 -12.53 0.00	132.68 -13.12 0.00	126.42 -11.74 0.00
CE_DUNWOOD___DRP 24194	139.88 6.28 0.00	134.11 5.90 0.00	131.47 5.54 0.00	131.60 5.43 0.00	130.95 5.28 0.00	139.22 5.87 0.00	168.08 7.80 -7.28	209.59 9.92 -1.27	179.84 8.24 0.00	159.49 7.74 0.00	158.74 7.56 0.00	152.11 7.24 0.00	149.67 7.53 0.00	150.59 7.58 0.00	153.42 7.44 0.00	160.82 8.38 0.00	188.19 9.30 0.00	218.17 10.39 0.00	198.00 9.61 0.00	188.90 9.34 0.00	163.61 9.12 0.00	152.52 6.85 0.00	152.22 6.42 0.00	143.69 5.53 0.00
CE_MILLWOOD___DRP 24193	139.48 5.88 0.00	133.60 5.38 0.00	131.09 5.16 0.00	131.22 5.05 0.00	130.57 4.90 0.00	138.82 5.47 0.00	167.60 7.34 -7.26	208.79 9.13 -1.26	179.16 7.55 0.00	158.88 7.13 0.00	158.13 6.95 0.00	151.53 6.66 0.00	148.96 6.82 0.00	149.88 6.86 0.00	152.84 6.86 0.00	160.06 7.62 0.00	187.47 8.59 0.00	217.34 9.56 0.00	197.25 8.85 0.00	188.19 8.62 0.00	162.84 8.34 0.00	151.93 6.26 0.00	151.63 5.83 0.00	143.28 5.11 0.00
CE_NYC2_DRP 24202	141.63 8.02 -0.01	135.66 7.44 -0.01	132.99 7.05 -0.01	133.12 6.94 -0.01	132.47 6.79 -0.01	140.96 7.60 -0.01	170.10 9.79 -7.30	211.98 12.30 -1.27	182.30 10.47 -0.22	161.62 9.86 -0.01	160.56 9.37 -0.01	154.11 9.13 -0.12	151.53 9.38 -0.01	152.46 9.44 -0.01	155.33 9.34 -0.01	162.83 10.37 -0.03	190.69 11.63 -0.17	220.46 12.67 -0.01	200.27 11.87 -0.01	191.31 11.67 -0.07	165.47 10.97 -0.01	154.13 8.45 -0.01	153.97 8.16 -0.01	145.50 7.32 -0.01
CE_NYC_DRP 24195	141.08 7.48 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.48 6.31 0.00	131.83 6.16 0.00	140.42 7.07 0.00	169.48 9.18 -7.30	211.58 11.90 -1.27	187.06 9.78 -5.68	161.06 9.26 -0.06	160.17 8.92 -0.07	153.86 8.55 -0.45	151.02 8.81 -0.07	151.95 8.87 -0.07	154.80 8.76 -0.07	162.87 9.91 -0.52	193.90 10.91 -4.10	226.06 12.05 -6.23	204.13 11.12 -4.61	194.02 10.95 -3.49	166.82 10.20 -2.13	153.46 7.72 -0.06	153.38 7.58 0.00	144.94 6.77 0.00
CHAFFEE___LFGE 323603	120.77 -12.83 0.00	115.52 -12.70 0.00	114.09 -11.84 0.00	114.06 -12.11 0.00	114.11 -11.56 0.00	118.42 -14.93 0.00	136.17 -16.83 0.00	171.15 -25.79 1.47	147.15 -21.97 2.49	132.29 -19.43 0.03	131.68 -19.50 0.00	126.03 -18.83 0.00	123.51 -18.61 0.01	124.55 -18.45 0.02	126.97 -18.97 0.03	125.55 -18.60 8.29	157.35 -20.93 0.61	185.09 -22.44 0.24	168.37 -19.97 0.05	159.76 -19.75 0.05	140.74 -13.75 0.00	130.23 -15.44 0.00	130.34 -15.46 0.00	123.52 -14.65 0.00
CHATEAUG_35_KV_LOAD 355732	133.73 0.13 0.00	128.34 0.13 0.00	126.31 0.38 0.00	126.42 0.25 0.00	125.80 0.13 0.00	133.89 0.53 0.00	153.31 0.31 0.00	200.39 1.98 0.00	172.81 1.20 0.00	152.81 1.06 0.00	152.54 1.36 0.00	145.59 0.72 0.00	142.71 0.57 0.00	143.44 0.43 0.00	147.14 1.17 0.00	153.96 1.52 0.00	180.68 1.79 0.00	210.07 2.29 0.00	190.85 2.45 0.00	181.72 2.15 0.00	155.27 0.77 0.00	147.56 1.89 0.00	147.84 2.04 0.00	140.51 2.35 0.00
CHATEAUG_WT_PWR 323614	133.47 -0.13 0.00	128.09 -0.13 0.00	126.06 0.13 0.00	126.17 0.00 0.00	125.42 -0.25 0.00	133.49 0.13 0.00	151.77 -1.23 0.00	197.81 -0.59 0.00	170.92 -0.68 0.00	150.99 -0.75 0.00	150.73 -0.45 0.00	144.57 -0.29 0.00	141.71 -0.43 0.00	142.30 -0.71 0.00	145.83 -0.15 0.00	152.13 -0.30 0.00	178.18 -0.71 0.00	207.16 -0.62 0.00	187.27 -1.12 0.00	179.39 -0.18 0.00	153.10 -1.39 0.00	145.67 0.00 0.00	146.39 0.59 0.00	139.96 1.79 0.00
CHAT_HIGH_FALL_HYD 323578	133.73 0.13 0.00	128.34 0.13 0.00	126.31 0.38 0.00	126.42 0.25 0.00	125.80 0.13 0.00	133.89 0.53 0.00	153.31 0.31 0.00	200.39 1.98 0.00	172.81 1.20 0.00	152.81 1.06 0.00	152.54 1.36 0.00	145.59 0.72 0.00	142.71 0.57 0.00	143.44 0.43 0.00	147.14 1.17 0.00	153.96 1.52 0.00	180.68 1.79 0.00	210.07 2.29 0.00	190.85 2.45 0.00	181.72 2.15 0.00	155.27 0.77 0.00	147.56 1.89 0.00	147.84 2.04 0.00	140.51 2.35 0.00
CHAUTAUQUA___LFGE 323629	123.18 -10.42 0.00	117.83 -10.38 0.00	116.35 -9.58 0.00	116.33 -9.84 0.00	116.25 -9.43 0.00	120.95 -12.40 0.00	139.99 -13.01 0.00	175.50 -21.43 1.47	150.14 -18.70 2.76	134.27 -17.45 0.03	133.34 -17.84 0.00	127.33 -17.53 0.00	124.50 -17.63 0.01	125.68 -17.31 0.02	128.13 -17.81 0.03	126.55 -17.38 8.50	159.07 -19.14 0.68	187.36 -20.15 0.27	170.44 -17.90 0.06	161.92 -17.59 0.06	142.75 -11.75 0.00	131.54 -14.13 0.00	131.22 -14.58 0.00	125.04 -13.13 0.00
CHERRYST_13_KV_LD 356241	141.35 7.75 0.00	135.39 7.18 0.00	132.73 6.80 0.00	132.86 6.69 0.00	132.21 6.53 0.00	140.82 7.47 0.00	170.09 9.79 -7.30	212.17 12.50 -1.27	182.07 10.47 0.00	161.61 9.86 0.00	160.70 9.52 0.00	153.99 9.13 0.00	151.52 9.38 0.00	152.45 9.44 0.00	155.32 9.34 0.00	162.96 10.52 0.00	190.52 11.63 0.00	220.66 12.88 0.00	200.27 11.87 0.00	191.06 11.49 0.00	165.31 10.81 0.00	153.97 8.30 0.00	153.82 8.02 0.00	145.21 7.05 0.00



CHESTROR_138KV_BK263 355645	138.14 4.54 0.00	132.44 4.23 0.00	129.83 3.90 0.00	130.08 3.91 0.00	129.44 3.77 0.00	137.49 4.13 0.00	165.57 5.81 -6.75	206.49 6.94 -1.14	177.44 5.83 0.00	157.21 5.46 0.00	156.32 5.14 0.00	149.93 5.07 0.00	147.40 5.26 0.00	148.30 5.29 0.00	151.08 5.11 0.00	158.23 5.79 0.00	185.51 6.62 0.00	215.05 7.27 0.00	195.37 6.97 0.00	186.21 6.64 0.00	161.14 6.64 0.00	150.48 4.81 0.00	150.17 4.37 0.00	141.76 3.59 0.00
CH_MIDHUDSON___DRP 24192	140.01 6.41 0.00	134.24 6.03 0.00	131.72 5.79 0.00	131.85 5.68 0.00	131.20 5.53 0.00	139.49 6.13 0.00	168.66 7.96 -7.70	209.29 9.52 -1.36	179.84 8.24 0.00	159.34 7.59 0.00	158.44 7.26 0.00	151.96 7.10 0.00	149.39 7.25 0.00	150.31 7.29 0.00	153.27 7.30 0.00	160.37 7.93 0.00	188.01 9.12 0.00	217.96 10.18 0.00	198.00 9.61 0.00	188.90 9.34 0.00	163.46 8.96 0.00	152.52 6.85 0.00	152.22 6.42 0.00	143.83 5.66 0.00
CH_MISC_IPPS 23765	140.54 6.94 0.00	134.75 6.54 0.00	132.10 6.17 0.00	132.35 6.18 0.00	131.58 5.91 0.00	140.02 6.66 0.00	169.40 8.87 -7.53	210.43 10.71 -1.32	180.87 9.26 0.00	160.24 8.49 0.00	159.34 8.16 0.00	152.68 7.82 0.00	149.95 7.81 0.00	151.02 8.00 0.00	153.85 7.88 0.00	161.12 8.68 0.00	189.26 10.37 0.00	219.62 11.84 0.00	199.70 11.30 0.00	189.98 10.41 0.00	164.69 10.19 0.00	153.53 7.86 0.00	152.80 7.00 0.00	144.24 6.07 0.00
CH_RES_BVR_FALLS 23983	133.47 -0.13 0.00	128.09 -0.13 0.00	125.80 -0.13 0.00	126.05 -0.13 0.00	125.55 -0.13 0.00	133.22 -0.13 0.00	152.69 -0.31 0.00	198.21 -0.20 0.00	171.26 -0.34 0.00	151.45 -0.30 0.00	150.88 -0.30 0.00	144.57 -0.29 0.00	142.00 -0.14 0.00	142.73 -0.29 0.00	145.68 -0.29 0.00	152.13 -0.30 0.00	178.53 -0.36 0.00	207.37 -0.41 0.00	188.02 -0.38 0.00	179.21 -0.36 0.00	154.19 -0.31 0.00	145.38 -0.29 0.00	145.65 -0.15 0.00	138.17 0.00 0.00
CH_RES_NIAGARA 23895	116.10 -17.50 0.00	110.90 -17.31 0.00	108.93 -17.00 0.00	109.26 -16.91 0.00	108.96 -16.71 0.00	112.28 -21.07 0.00	126.68 -26.32 0.00	160.21 -36.70 1.49	137.23 -32.09 2.29	124.26 -27.47 0.03	124.27 -26.91 0.00	119.22 -25.64 0.00	116.97 -25.16 0.01	117.68 -25.31 0.02	119.53 -26.42 0.03	119.18 -26.22 7.04	146.84 -31.48 0.56	173.28 -34.28 0.22	156.89 -31.46 0.05	148.82 -30.71 0.05	133.64 -20.86 0.00	123.82 -21.85 0.00	123.78 -22.02 0.00	117.86 -20.31 0.00
CH_RES_SYRACUSE 23985	130.66 -2.94 0.00	125.51 -2.70 0.00	123.28 -2.65 0.00	123.65 -2.52 0.00	123.03 -2.65 0.00	130.42 -2.93 0.00	150.71 -2.29 0.00	194.01 -3.57 0.82	168.69 -2.92 0.00	149.17 -2.58 0.00	148.46 -2.72 0.00	142.26 -2.60 0.00	139.59 -2.55 0.00	140.45 -2.57 -0.01	143.35 -2.62 0.00	149.85 -2.59 0.00	176.02 -2.87 0.00	205.30 -2.48 0.00	185.94 -2.45 0.00	177.05 -2.51 0.00	152.95 -1.54 0.00	143.05 -2.62 0.00	143.03 -2.77 0.00	135.26 -2.91 0.00
CLINTON_WT_PWR 323605	133.47 -0.13 0.00	128.09 -0.13 0.00	126.06 0.13 0.00	126.17 0.00 0.00	125.42 -0.25 0.00	133.49 0.13 0.00	151.77 -1.23 0.00	197.81 -0.59 0.00	170.92 -0.68 0.00	150.99 -0.75 0.00	150.73 -0.45 0.00	144.57 -0.29 0.00	141.71 -0.43 0.00	142.30 -0.71 0.00	145.83 -0.15 0.00	152.13 -0.30 0.00	178.18 -0.71 0.00	207.16 -0.62 0.00	187.27 -1.12 0.00	179.39 -0.18 0.00	153.10 -1.39 0.00	145.67 0.00 0.00	146.39 0.59 0.00	139.96 1.79 0.00
CLINTON___LFGE 323618	135.47 1.87 0.00	129.88 1.66 0.00	127.94 2.01 0.00	128.18 2.01 0.00	127.30 1.63 0.00	135.76 2.40 0.00	154.22 1.22 0.00	203.76 5.36 0.00	175.56 3.95 0.00	155.08 3.33 0.00	154.66 3.48 0.00	148.05 3.18 0.00	145.13 2.99 0.00	145.72 2.71 0.00	149.63 3.65 0.00	156.09 3.65 0.00	183.01 4.12 0.00	213.59 5.81 0.00	192.54 4.14 0.00	184.23 4.66 0.00	157.58 3.09 0.00	149.45 3.78 0.00	150.17 4.37 0.00	143.83 5.67 0.00
COBBLENY_34_KV_TB1 80064	120.78 -12.83 0.00	115.52 -12.69 0.00	113.46 -12.47 0.00	113.81 -12.36 0.00	113.61 -12.06 0.00	118.42 -14.94 0.00	134.95 -18.05 0.00	170.35 -26.59 1.47	147.15 -21.97 2.49	131.99 -19.73 0.03	131.53 -19.65 0.00	126.03 -18.83 0.00	123.51 -18.62 0.01	124.55 -18.45 0.02	126.97 -18.98 0.03	125.25 -18.90 8.29	157.17 -21.11 0.61	184.89 -22.65 0.24	168.00 -20.35 0.05	159.58 -19.93 0.05	140.75 -13.75 0.00	130.23 -15.44 0.00	129.76 -16.04 0.00	123.52 -14.65 0.00
COFFEEN___115KV_TB3 355620	136.67 3.07 0.00	131.68 3.46 0.00	129.33 3.40 0.00	129.58 3.41 0.00	129.07 3.39 0.00	137.49 4.13 0.00	158.81 5.81 0.00	208.12 9.72 0.00	178.99 7.38 0.00	157.21 5.46 0.00	156.77 5.59 0.00	149.79 4.93 0.00	146.97 4.83 0.00	147.88 4.86 0.00	150.79 4.82 0.00	158.69 6.25 0.00	186.94 8.05 0.00	218.79 11.01 0.00	197.06 8.67 0.00	188.01 8.44 0.00	161.60 7.11 0.00	150.62 4.95 0.00	150.61 4.81 0.00	142.59 4.42 0.00
COLDSPRG_115KV_BK1 355956	125.72 -7.88 0.00	120.14 -8.08 0.00	118.12 -7.81 0.00	118.47 -7.70 0.00	118.26 -7.41 0.00	123.88 -9.47 0.00	142.90 -10.10 0.00	179.68 -17.26 1.46	156.15 -13.04 2.41	138.67 -13.05 0.03	137.57 -13.61 0.00	131.54 -13.33 0.00	128.62 -13.50 0.01	130.12 -12.87 0.02	132.96 -12.99 0.03	133.13 -11.89 7.42	165.59 -12.70 0.59	194.25 -13.30 0.23	177.42 -10.93 0.05	168.74 -10.77 0.05	146.93 -7.57 0.00	135.47 -10.20 0.00	134.43 -11.37 0.00	128.36 -9.81 0.00
COLONIE_LFGE___ 323577	140.41 6.81 0.00	134.49 6.28 0.00	131.97 6.04 0.00	132.35 6.18 0.00	131.71 6.03 0.00	139.89 6.53 0.00	223.59 8.10 -62.49	221.68 9.92 -13.36	180.01 8.41 0.00	159.18 7.43 0.00	158.44 7.26 0.00	151.82 6.95 0.00	149.10 6.96 0.00	150.16 7.15 0.00	152.98 7.01 0.00	159.30 6.87 0.00	187.12 8.23 0.00	216.51 8.73 0.00	196.88 8.49 0.00	187.66 8.09 0.00	162.37 7.87 0.00	152.81 7.14 0.00	152.80 7.00 0.00	144.66 6.50 0.00
COOPERNY_115KV_TB1 80082	136.67 3.07 0.00	131.03 2.82 0.00	128.57 2.64 0.00	128.82 2.65 0.00	128.19 2.51 0.00	136.02 2.67 0.00	162.54 3.98 -5.56	204.02 4.76 -0.86	175.72 4.12 0.00	155.54 3.79 0.00	154.66 3.48 0.00	148.34 3.48 0.00	145.69 3.55 0.00	146.59 3.58 0.00	149.48 3.50 0.00	156.55 4.12 0.00	183.54 4.65 0.00	212.97 5.19 0.00	193.29 4.90 0.00	184.24 4.67 0.00	159.29 4.79 0.00	149.02 3.35 0.00	148.72 2.92 0.00	140.65 2.49 0.00
COPENHAGEN_WT_PWR 323753	135.33 1.73 0.00	130.26 2.05 0.00	127.94 2.01 0.00	128.18 2.01 0.00	127.68 2.00 0.00	135.88 2.53 0.00	156.83 3.83 0.00	205.15 6.75 0.00	176.59 4.98 0.00	155.38 3.64 0.00	154.96 3.78 0.00	148.20 3.33 0.00	145.54 3.41 0.00	146.31 3.29 0.00	149.18 3.21 0.00	156.70 4.26 0.00	184.25 5.36 0.00	215.47 7.69 0.00	194.04 5.65 0.00	185.14 5.57 0.00	159.29 4.79 0.00	148.74 3.06 0.00	148.87 3.07 0.00	140.93 2.76 0.00
CORNELL_____ 23752	133.33 -0.27 0.00	128.21 0.00 0.00	125.80 -0.13 0.00	126.30 0.13 0.00	125.67 0.00 0.00	133.22 -0.13 0.00	156.90 1.53 -2.37	198.72 1.19 0.87	174.05 0.86 -1.58	152.07 0.30 -0.02	151.03 -0.15 0.00	144.57 -0.29 0.00	141.77 -0.43 -0.06	142.70 -0.43 -0.12	145.70 -0.29 -0.02	157.77 0.46 -4.87	180.71 1.43 -0.39	210.63 2.70 -0.15	190.69 2.26 -0.03	181.40 1.80 -0.03	157.12 2.63 0.00	146.25 0.58 0.00	145.95 0.15 0.00	138.03 -0.14 0.00



CORONA__69_KV_TB1 355595	138.95 5.34 0.00	133.35 5.13 0.00	131.60 5.67 0.00	130.72 4.54 0.00	131.08 5.40 0.00	138.56 5.20 0.00	168.56 8.26 -7.30	210.00 10.32 -1.28	179.33 7.72 0.00	158.43 6.68 0.00	158.44 7.26 0.00	152.86 7.97 -0.03	151.69 9.52 -0.03	151.48 8.44 -0.03	155.20 9.20 -0.03	164.05 11.59 -0.03	191.41 12.52 0.00	301.20 14.34 -79.09	201.79 13.38 -0.02	192.32 12.75 0.00	172.58 12.36 -5.72	158.18 10.34 -2.17	153.85 8.02 -0.03	143.86 5.66 -0.03
CORTLAND__115KV_TB3 80093	132.80 -0.80 0.00	127.57 -0.64 0.00	125.17 -0.76 0.00	125.54 -0.63 0.00	125.04 -0.63 0.00	132.55 -0.80 0.00	153.31 0.31 0.00	196.60 -0.40 1.40	172.14 0.00 -0.53	151.45 -0.30 -0.01	150.58 -0.60 0.00	144.14 -0.72 0.00	141.44 -0.71 -0.02	142.47 -0.57 -0.03	145.40 -0.58 -0.01	153.93 -0.15 -1.64	179.20 0.18 -0.13	208.66 0.83 -0.05	188.97 0.57 -0.01	179.94 0.36 -0.01	155.89 1.39 0.00	145.53 -0.15 0.00	145.22 -0.58 0.00	137.47 -0.69 0.00
COXSACKIE__GT 23611	144.82 11.22 0.00	138.98 10.77 0.00	136.38 10.45 0.00	136.89 10.72 0.00	135.98 10.31 0.00	144.68 11.33 0.00	191.23 12.69 -25.53	218.10 14.48 -5.22	185.50 13.89 0.00	162.98 11.23 0.00	161.31 10.13 0.00	154.27 9.41 0.00	151.24 9.10 0.00	152.60 9.58 0.00	155.46 9.48 0.00	162.95 10.51 0.00	193.02 14.13 0.00	224.60 16.82 0.00	204.40 16.00 0.00	193.94 14.37 0.00	167.78 13.29 0.00	156.74 11.07 0.00	157.32 11.52 0.00	148.66 10.50 0.00
CPV_VALLEY__CC1 323721	136.94 3.34 0.00	131.29 3.07 0.00	128.70 2.77 0.00	128.94 2.77 0.00	128.32 2.64 0.00	136.42 3.07 0.00	163.85 4.59 -6.27	204.98 5.55 -1.03	176.24 4.64 0.00	156.15 4.40 0.00	155.41 4.23 0.00	148.91 4.05 0.00	146.26 4.12 0.00	147.30 4.29 0.00	150.06 4.08 0.00	157.01 4.57 0.00	184.25 5.36 0.00	213.59 5.81 0.00	194.04 5.65 0.00	184.78 5.21 0.00	160.05 5.55 0.00	149.61 3.93 0.00	149.00 3.20 0.00	140.78 2.62 0.00
CPV_VALLEY__CC2 323722	136.94 3.34 0.00	131.29 3.07 0.00	128.70 2.77 0.00	128.94 2.77 0.00	128.32 2.64 0.00	136.42 3.07 0.00	163.85 4.59 -6.27	204.98 5.55 -1.03	176.24 4.64 0.00	156.15 4.40 0.00	155.41 4.23 0.00	148.91 4.05 0.00	146.26 4.12 0.00	147.30 4.29 0.00	150.06 4.08 0.00	157.01 4.57 0.00	184.25 5.36 0.00	213.59 5.81 0.00	194.04 5.65 0.00	184.78 5.21 0.00	160.05 5.55 0.00	149.61 3.93 0.00	149.00 3.20 0.00	140.78 2.62 0.00
CRESCENT__HYD 24018	140.41 6.81 0.00	134.49 6.28 0.00	131.97 6.04 0.00	132.35 6.18 0.00	131.71 6.03 0.00	139.89 6.53 0.00	223.59 8.10 -62.49	221.68 9.92 -13.36	180.01 8.41 0.00	159.18 7.43 0.00	158.44 7.26 0.00	151.82 6.95 0.00	149.10 6.96 0.00	150.16 7.15 0.00	152.98 7.01 0.00	159.30 6.87 0.00	187.12 8.23 0.00	216.51 8.73 0.00	196.88 8.49 0.00	187.66 8.09 0.00	162.37 7.87 0.00	152.81 7.14 0.00	152.80 7.00 0.00	144.66 6.50 0.00
CRICKET__VALLEY_CC1 323756	139.21 5.61 0.00	133.35 5.13 0.00	130.71 4.78 0.00	130.96 4.79 0.00	130.33 4.65 0.00	138.55 5.20 0.00	168.58 6.72 -8.86	207.75 7.73 -1.62	178.48 6.87 0.00	158.27 6.52 0.00	157.68 6.50 0.00	151.09 6.22 0.00	148.54 6.40 0.00	149.60 6.58 0.00	152.25 6.27 0.00	159.14 6.70 0.00	186.40 7.51 0.00	215.47 7.69 0.00	195.94 7.54 0.00	186.56 7.00 0.00	162.22 7.72 0.00	151.79 6.12 0.00	151.34 5.54 0.00	143.00 4.83 0.00
CRICKET__VALLEY_CC2 323757	139.21 5.61 0.00	133.35 5.13 0.00	130.71 4.78 0.00	130.96 4.79 0.00	130.33 4.65 0.00	138.55 5.20 0.00	168.58 6.72 -8.86	207.75 7.73 -1.62	178.48 6.87 0.00	158.27 6.52 0.00	157.68 6.50 0.00	151.09 6.22 0.00	148.54 6.40 0.00	149.60 6.58 0.00	152.25 6.27 0.00	159.14 6.70 0.00	186.40 7.51 0.00	215.47 7.69 0.00	195.94 7.54 0.00	186.56 7.00 0.00	162.22 7.72 0.00	151.79 6.12 0.00	151.34 5.54 0.00	143.00 4.83 0.00
CRICKET__VALLEY_CC3 323758	139.21 5.61 0.00	133.35 5.13 0.00	130.71 4.78 0.00	130.96 4.79 0.00	130.33 4.65 0.00	138.55 5.20 0.00	168.58 6.72 -8.86	207.75 7.73 -1.62	178.48 6.87 0.00	158.27 6.52 0.00	157.68 6.50 0.00	151.09 6.22 0.00	148.54 6.40 0.00	149.60 6.58 0.00	152.25 6.27 0.00	159.14 6.70 0.00	186.40 7.51 0.00	215.47 7.69 0.00	195.94 7.54 0.00	186.56 7.00 0.00	162.22 7.72 0.00	151.79 6.12 0.00	151.34 5.54 0.00	143.00 4.83 0.00
CRUCIBLE__METL_DRP 24180	130.66 -2.94 0.00	125.52 -2.69 0.00	123.29 -2.64 0.00	123.65 -2.52 0.00	123.03 -2.64 0.00	130.42 -2.93 0.00	150.40 -2.60 0.00	193.81 -3.77 0.82	168.52 -3.09 0.00	149.02 -2.73 0.00	148.46 -2.72 0.00	142.26 -2.61 0.00	139.58 -2.56 0.00	140.44 -2.57 -0.01	143.33 -2.63 0.00	149.69 -2.74 0.00	176.03 -2.86 0.00	205.08 -2.70 0.00	185.57 -2.83 0.00	176.69 -2.87 0.00	152.95 -1.54 0.00	143.05 -2.62 0.00	142.88 -2.92 0.00	135.26 -2.90 0.00
DAHOWA__HYDRO 323763	142.69 9.09 0.00	136.54 8.33 0.00	134.24 8.31 0.00	134.63 8.45 0.00	133.97 8.29 0.00	142.29 8.94 0.00	238.83 11.02 -74.81	228.69 14.29 -15.99	183.44 11.83 0.00	161.61 9.86 0.00	160.40 9.22 0.00	153.70 8.84 0.00	151.10 8.96 0.00	152.17 9.16 0.00	155.46 9.48 0.00	162.34 9.90 0.00	191.06 12.17 0.00	221.28 13.50 0.00	201.02 12.62 0.00	191.78 12.22 0.00	165.47 10.97 0.00	155.43 9.76 0.00	155.27 9.47 0.00	147.02 8.85 0.00
DANC__LFGE 323619	132.94 -0.66 0.00	127.83 -0.38 0.00	125.55 -0.38 0.00	125.79 -0.38 0.00	125.30 -0.38 0.00	133.09 -0.27 0.00	153.61 0.61 0.00	199.98 1.58 0.00	172.47 0.86 0.00	152.05 0.30 0.00	151.48 0.30 0.00	145.15 0.29 0.00	142.42 0.28 0.00	143.30 0.29 0.00	146.12 0.15 0.00	153.20 0.77 0.00	179.97 1.08 0.00	210.07 2.29 0.00	189.53 1.14 0.00	180.83 1.27 0.00	155.73 1.23 0.00	145.67 0.00 0.00	145.95 0.15 0.00	138.03 -0.14 0.00
DANSKAMMER__1 23586	140.54 6.94 0.00	134.75 6.54 0.00	132.10 6.17 0.00	132.35 6.18 0.00	131.58 5.91 0.00	140.02 6.66 0.00	169.40 8.87 -7.53	210.43 10.71 -1.32	180.87 9.26 0.00	160.24 8.49 0.00	159.34 8.16 0.00	152.68 7.82 0.00	149.95 7.81 0.00	151.02 8.00 0.00	153.85 7.88 0.00	161.12 8.68 0.00	189.26 10.37 0.00	219.62 11.84 0.00	199.70 11.30 0.00	189.98 10.41 0.00	164.69 10.19 0.00	153.53 7.86 0.00	152.80 7.00 0.00	144.24 6.07 0.00
DANSKAMMER__2 23589	140.54 6.94 0.00	134.75 6.54 0.00	132.10 6.17 0.00	132.35 6.18 0.00	131.58 5.91 0.00	140.02 6.66 0.00	169.40 8.87 -7.53	210.43 10.71 -1.32	180.87 9.26 0.00	160.24 8.49 0.00	159.34 8.16 0.00	152.68 7.82 0.00	149.95 7.81 0.00	151.02 8.00 0.00	153.85 7.88 0.00	161.12 8.68 0.00	189.26 10.37 0.00	219.62 11.84 0.00	199.70 11.30 0.00	189.98 10.41 0.00	164.69 10.19 0.00	153.53 7.86 0.00	152.80 7.00 0.00	144.24 6.07 0.00
DANSKAMMER__3 23590	140.54 6.94 0.00	134.75 6.54 0.00	132.10 6.17 0.00	132.35 6.18 0.00	131.58 5.91 0.00	140.02 6.66 0.00	169.40 8.87 -7.53	210.43 10.71 -1.32	180.87 9.26 0.00	160.24 8.49 0.00	159.34 8.16 0.00	152.68 7.82 0.00	149.95 7.81 0.00	151.02 8.00 0.00	153.85 7.88 0.00	161.12 8.68 0.00	189.26 10.37 0.00	219.62 11.84 0.00	199.70 11.30 0.00	189.98 10.41 0.00	164.69 10.19 0.00	153.53 7.86 0.00	152.80 7.00 0.00	144.24 6.07 0.00



DANSKAMMER___4 23591	140.54 6.94 0.00	134.75 6.54 0.00	132.10 6.17 0.00	132.35 6.18 0.00	131.58 5.91 0.00	140.02 6.66 0.00	169.40 8.87 -7.53	210.43 10.71 -1.32	180.87 9.26 0.00	160.24 8.49 0.00	159.34 8.16 0.00	152.68 7.82 0.00	149.95 7.81 0.00	151.02 8.00 0.00	153.85 7.88 0.00	161.12 8.68 0.00	189.26 10.37 0.00	219.62 11.84 0.00	199.70 11.30 0.00	189.98 10.41 0.00	164.69 10.19 0.00	153.53 7.86 0.00	152.80 7.00 0.00	144.24 6.07 0.00
DANSKAMMER___DIESEL 23592	140.55 6.95 0.00	134.75 6.54 0.00	132.23 6.30 0.00	132.35 6.18 0.00	131.71 6.03 0.00	140.02 6.67 0.00	169.25 8.72 -7.53	210.04 10.32 -1.32	180.70 9.10 0.00	159.94 8.19 0.00	159.04 7.86 0.00	152.54 7.68 0.00	149.95 7.82 0.00	150.88 7.87 0.00	153.71 7.74 0.00	160.98 8.54 0.00	188.91 10.02 0.00	219.21 11.43 0.00	199.32 10.93 0.00	189.98 10.41 0.00	164.38 9.89 0.00	153.10 7.43 0.00	152.65 6.85 0.00	144.24 6.08 0.00
DARBY___SOLAR 323810	142.16 8.56 0.00	136.04 7.82 0.00	133.61 7.68 0.00	134.00 7.83 0.00	133.34 7.67 0.00	141.62 8.27 0.00	236.59 10.25 -73.33	227.17 13.09 -15.68	182.60 10.99 0.00	160.85 9.10 0.00	159.79 8.61 0.00	153.12 8.25 0.00	150.38 8.24 0.00	151.45 8.44 0.00	154.73 8.76 0.00	161.58 9.15 0.00	190.16 11.28 0.00	220.25 12.47 0.00	199.89 11.49 0.00	190.70 11.14 0.00	164.69 10.19 0.00	154.71 9.03 0.00	154.55 8.75 0.00	146.45 8.29 0.00
DASHVILLE___HYD 23610	139.21 5.61 0.00	133.60 5.38 0.00	131.09 5.16 0.00	131.22 5.05 0.00	130.57 4.90 0.00	138.69 5.33 0.00	170.00 5.81 -11.19	207.26 6.75 -2.11	178.81 7.21 0.00	158.27 6.53 0.00	157.23 6.05 0.00	150.80 5.94 0.00	148.11 5.97 0.00	149.16 6.15 0.00	152.11 6.13 0.00	159.30 6.86 0.00	187.12 8.23 0.00	217.13 9.35 0.00	197.44 9.04 0.00	188.19 8.62 0.00	162.68 8.19 0.00	151.64 5.97 0.00	151.20 5.39 0.00	142.72 4.56 0.00
DELAWARE___LFGE 323621	136.27 2.67 0.00	130.78 2.56 0.00	128.45 2.52 0.00	128.69 2.52 0.00	128.06 2.39 0.00	136.02 2.67 0.00	167.47 3.98 -10.49	204.66 4.76 -1.50	175.72 4.12 0.00	155.39 3.64 0.00	154.66 3.48 0.00	148.20 3.33 0.00	145.41 3.27 0.00	146.45 3.43 0.00	149.33 3.36 0.00	156.40 3.96 0.00	183.54 4.65 0.00	213.18 5.40 0.00	193.29 4.90 0.00	184.42 4.85 0.00	159.44 4.94 0.00	149.17 3.50 0.00	148.72 2.92 0.00	140.65 2.49 0.00
DERFIELD_115KV_TB7 355931	134.27 0.67 0.00	128.85 0.64 0.00	126.56 0.63 0.00	126.80 0.63 0.00	126.30 0.63 0.00	134.02 0.67 0.00	153.92 0.92 0.00	199.59 1.19 0.00	172.46 0.86 0.00	152.66 0.91 0.00	152.09 0.91 0.00	145.73 0.87 0.00	142.99 0.85 0.00	143.87 0.86 0.00	146.85 0.88 0.00	153.35 0.91 0.00	179.78 0.89 0.00	208.61 0.83 0.00	189.15 0.75 0.00	180.29 0.72 0.00	155.42 0.93 0.00	146.25 0.58 0.00	146.53 0.73 0.00	138.72 0.55 0.00
DOGLEVILLE___HYD 23807	142.29 8.68 0.00	136.42 8.21 0.00	133.86 7.93 0.00	134.25 8.07 0.00	133.97 8.29 0.00	142.42 9.07 0.00	164.02 11.02 0.00	212.89 14.48 0.00	183.96 12.36 0.00	162.52 10.77 0.00	161.91 10.73 0.00	155.15 10.29 0.00	152.37 10.23 0.00	153.60 10.58 0.00	156.78 10.80 0.00	164.02 11.59 0.00	191.95 13.06 0.00	222.95 15.17 0.00	201.96 13.56 0.00	192.32 12.75 0.00	165.77 11.28 0.00	155.87 10.20 0.00	156.01 10.21 0.00	147.84 9.67 0.00
DUNKIRK__115KV_TB_200 55889	122.91 -10.69 0.00	117.57 -10.64 0.00	115.48 -10.45 0.00	115.95 -10.22 0.00	115.62 -10.05 0.00	120.82 -12.54 0.00	138.62 -14.38 0.00	174.32 -22.62 1.47	149.61 -19.22 2.78	133.81 -17.91 0.03	133.04 -18.14 0.00	127.19 -17.67 0.00	124.50 -17.62 0.01	125.55 -17.45 0.02	127.99 -17.95 0.03	126.06 -17.84 8.54	158.71 -19.50 0.68	187.15 -20.36 0.27	170.25 -18.09 0.06	161.91 -17.60 0.06	142.60 -11.90 0.00	131.40 -14.28 0.00	130.78 -15.02 0.00	124.90 -13.26 0.00
DUNKIRK___1 23563	122.91 -10.69 0.00	117.57 -10.64 0.00	115.48 -10.45 0.00	115.95 -10.22 0.00	115.62 -10.05 0.00	120.82 -12.54 0.00	138.62 -14.38 0.00	174.32 -22.62 1.47	149.61 -19.22 2.78	133.81 -17.91 0.03	133.04 -18.14 0.00	127.19 -17.67 0.00	124.50 -17.62 0.01	125.55 -17.45 0.02	127.99 -17.95 0.03	126.06 -17.84 8.54	158.71 -19.50 0.68	187.15 -20.36 0.27	170.25 -18.09 0.06	161.91 -17.60 0.06	142.60 -11.90 0.00	131.40 -14.28 0.00	130.78 -15.02 0.00	124.90 -13.26 0.00
DUNKIRK___2 23564	122.91 -10.69 0.00	117.57 -10.64 0.00	115.48 -10.45 0.00	115.95 -10.22 0.00	115.62 -10.05 0.00	120.82 -12.54 0.00	138.62 -14.38 0.00	174.32 -22.62 1.47	149.61 -19.22 2.78	133.81 -17.91 0.03	133.04 -18.14 0.00	127.19 -17.67 0.00	124.50 -17.62 0.01	125.55 -17.45 0.02	127.99 -17.95 0.03	126.06 -17.84 8.54	158.71 -19.50 0.68	187.15 -20.36 0.27	170.25 -18.09 0.06	161.91 -17.60 0.06	142.60 -11.90 0.00	131.40 -14.28 0.00	130.78 -15.02 0.00	124.90 -13.26 0.00
DUNKIRK___3 23565	122.11 -11.49 0.00	116.80 -11.41 0.00	114.72 -11.21 0.00	115.19 -10.98 0.00	114.87 -10.81 0.00	120.02 -13.34 0.00	137.55 -15.45 0.00	173.13 -23.81 1.47	148.54 -20.25 2.82	133.05 -18.67 0.03	132.28 -18.90 0.00	126.61 -18.25 0.00	123.79 -18.34 0.01	124.97 -18.02 0.02	127.40 -18.54 0.03	125.48 -18.29 8.67	157.98 -20.21 0.69	186.11 -21.40 0.27	169.31 -19.03 0.06	161.02 -18.50 0.06	141.83 -12.67 0.00	130.81 -14.86 0.00	130.20 -15.60 0.00	124.21 -13.95 0.00
DUNKIRK___4 23566	122.11 -11.49 0.00	116.80 -11.41 0.00	114.72 -11.21 0.00	115.19 -10.98 0.00	114.87 -10.81 0.00	120.02 -13.34 0.00	137.55 -15.45 0.00	173.13 -23.81 1.47	148.54 -20.25 2.82	133.05 -18.67 0.03	132.28 -18.90 0.00	126.61 -18.25 0.00	123.79 -18.34 0.01	124.97 -18.02 0.02	127.40 -18.54 0.03	125.48 -18.29 8.67	157.98 -20.21 0.69	186.11 -21.40 0.27	169.31 -19.03 0.06	161.02 -18.50 0.06	141.83 -12.67 0.00	130.81 -14.86 0.00	130.20 -15.60 0.00	124.21 -13.95 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	140.28 6.68 0.00	134.37 6.15 0.00	131.85 5.92 0.00	131.85 5.68 0.00	131.20 5.53 0.00	139.62 6.27 0.00	168.56 8.26 -7.30	210.19 10.52 -1.27	180.36 8.75 0.00	159.94 8.19 0.00	159.19 8.01 0.00	152.54 7.68 0.00	150.10 7.96 0.00	151.02 8.01 0.00	153.86 7.88 0.00	161.28 8.84 0.00	188.91 10.02 0.00	218.79 11.01 0.00	198.57 10.17 0.00	189.62 10.06 0.00	164.07 9.58 0.00	152.95 7.28 0.00	152.51 6.71 0.00	144.11 5.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	139.08 5.48 0.00	133.47 5.26 0.00	130.84 4.91 0.00	131.09 4.92 0.00	130.45 4.78 0.00	138.55 5.20 0.00	167.33 7.04 -7.29	208.00 8.33 -1.26	178.81 7.21 0.00	158.43 6.68 0.00	157.53 6.35 0.00	150.95 6.08 0.00	148.39 6.25 0.00	149.31 6.29 0.00	152.25 6.28 0.00	159.45 7.01 0.00	187.12 8.23 0.00	216.92 9.14 0.00	197.25 8.85 0.00	188.01 8.44 0.00	162.53 8.03 0.00	151.64 5.97 0.00	151.20 5.39 0.00	142.86 4.70 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	141.49 7.88 -0.01	135.40 7.18 -0.01	132.61 6.67 -0.01	132.74 6.56 -0.01	132.09 6.41 -0.01	140.69 7.33 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	181.22 9.61 -0.01	161.47 9.71 -0.01	159.96 8.77 -0.01	153.42 8.55 -0.01	150.82 8.67 -0.01	151.89 8.87 -0.01	154.74 8.76 -0.01	162.20 9.76 -0.01	189.63 10.73 -0.01	220.67 12.88 -0.01	200.46 12.06 -0.01	190.53 10.95 -0.01	165.16 10.66 -0.01	153.69 8.01 -0.01	154.12 8.31 -0.01	145.50 7.32 -0.01



E179THST_13_KV_LOAD 356214	142.03 8.42 -0.01	135.91 7.69 -0.01	133.24 7.30 -0.01	133.24 7.07 -0.01	132.59 6.91 -0.01	141.23 7.87 -0.01	171.32 11.02 -7.30	213.17 13.49 -1.27	182.08 10.47 -0.01	162.23 10.47 -0.01	160.87 9.68 -0.01	154.14 9.27 -0.01	151.67 9.52 -0.01	152.60 9.58 -0.01	155.47 9.49 -0.01	163.12 10.67 -0.01	190.70 11.81 -0.01	221.92 14.13 -0.01	201.59 13.19 -0.01	191.61 12.03 -0.01	166.09 11.59 -0.01	154.57 8.89 -0.01	154.99 9.19 -0.01	146.19 8.01 -0.01
EAST HAMPTON___GT 23717	176.58 9.89 -33.10	138.54 9.62 -0.71	135.14 9.07 -0.14	134.91 8.70 -0.04	134.76 9.05 -0.04	186.25 10.13 -42.77	219.91 15.00 -51.91	204.29 18.86 12.97	171.78 14.42 14.25	152.96 10.78 9.56	153.59 12.40 9.99	149.83 13.32 8.36	147.37 12.51 7.28	149.42 14.44 8.04	150.90 13.42 8.50	170.24 17.83 0.02	202.81 21.28 -2.64	220.93 20.15 7.00	208.34 19.96 0.01	202.39 18.32 -4.50	200.41 20.55 -25.36	162.99 17.18 -0.14	232.04 12.09 -74.14	144.57 10.50 4.09
EAST RIVER___6 23660	140.81 7.21 0.00	134.88 6.66 0.00	131.97 6.04 0.00	132.23 6.06 0.00	131.46 5.78 0.00	140.15 6.80 0.00	169.63 9.33 -7.30	211.98 12.31 -1.27	181.90 10.30 0.00	161.47 9.72 0.00	160.71 9.53 0.00	153.85 8.98 0.00	151.24 9.10 0.00	152.30 9.29 0.00	155.18 9.20 0.00	162.65 10.21 0.00	190.69 11.80 0.00	220.46 12.68 0.00	200.27 11.88 0.00	190.70 11.14 0.00	165.31 10.81 0.00	153.97 8.30 0.00	153.52 7.72 0.00	144.66 6.50 0.00
EAST RIVER___7 23524	140.81 7.21 0.00	134.88 6.66 0.00	131.97 6.04 0.00	132.23 6.06 0.00	131.46 5.78 0.00	140.15 6.80 0.00	169.63 9.33 -7.30	211.98 12.31 -1.27	181.90 10.30 0.00	161.47 9.72 0.00	160.71 9.53 0.00	153.85 8.98 0.00	151.24 9.10 0.00	152.30 9.29 0.00	155.18 9.20 0.00	162.65 10.21 0.00	190.69 11.80 0.00	220.46 12.68 0.00	200.27 11.88 0.00	190.70 11.14 0.00	165.31 10.81 0.00	153.97 8.30 0.00	153.52 7.72 0.00	144.66 6.50 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	139.88 6.28 0.00	134.11 5.90 0.00	131.47 5.54 0.00	131.60 5.43 0.00	130.95 5.28 0.00	139.22 5.87 0.00	168.08 7.80 -7.28	209.59 9.92 -1.27	179.84 8.24 0.00	159.49 7.74 0.00	158.74 7.56 0.00	152.11 7.24 0.00	149.67 7.53 0.00	150.59 7.58 0.00	153.42 7.44 0.00	160.82 8.38 0.00	188.19 9.30 0.00	218.17 10.39 0.00	198.00 9.61 0.00	188.90 9.34 0.00	163.61 9.12 0.00	152.52 6.85 0.00	152.22 6.42 0.00	143.69 5.53 0.00
EAST_HAMPTON___DIESEL 23722	176.58 9.89 -33.10	138.54 9.62 -0.71	135.14 9.07 -0.14	134.91 8.70 -0.04	134.76 9.05 -0.04	186.25 10.13 -42.77	219.91 15.00 -51.91	204.29 18.86 12.97	171.78 14.42 14.25	152.81 10.62 9.56	153.59 12.40 9.99	149.83 13.32 8.36	147.37 12.51 7.28	149.28 14.30 8.04	150.90 13.42 8.50	170.24 17.83 0.02	202.81 21.28 -2.64	221.16 20.37 7.00	208.55 20.17 0.01	202.39 18.32 -4.50	200.41 20.55 -25.36	162.99 17.18 -0.14	232.04 12.09 -74.14	144.57 10.50 4.09
EAST_POINT___SOLAR 323840	140.54 6.94 0.00	134.37 6.15 0.00	132.10 6.17 0.00	132.60 6.43 0.00	132.08 6.41 0.00	140.68 7.33 0.00	236.81 9.80 -74.01	227.01 13.09 -15.51	179.84 8.24 0.00	156.60 4.85 0.00	155.10 3.92 0.00	148.49 3.62 0.00	145.83 3.69 0.00	148.02 5.00 0.00	152.25 6.27 0.00	161.12 8.68 0.00	190.69 11.80 0.00	221.28 13.50 0.00	200.83 12.43 0.00	191.78 12.22 0.00	165.01 10.51 0.00	154.41 8.74 0.00	153.38 7.58 0.00	145.07 6.91 0.00
EAST_PULASKI___ESR 323781	130.39 -3.21 0.00	125.27 -2.94 0.00	123.04 -2.89 0.00	123.40 -2.78 0.00	122.79 -2.89 0.00	130.29 -3.06 0.00	150.25 -2.75 0.00	194.99 -3.78 -0.36	168.34 -3.27 0.00	148.71 -3.03 0.00	148.16 -3.02 0.00	142.11 -2.76 0.00	139.43 -2.70 0.00	140.29 -2.72 0.00	143.06 -2.92 0.00	149.85 -2.59 0.00	175.67 -3.21 0.00	204.67 -3.11 0.00	185.19 -3.20 0.00	176.51 -3.05 0.00	152.48 -2.01 0.00	142.76 -2.91 0.00	142.89 -2.91 0.00	135.13 -3.04 0.00
EAST_RIVER___1 323558	141.08 7.48 0.00	135.00 6.79 0.00	132.22 6.29 0.00	132.35 6.18 0.00	131.71 6.03 0.00	140.42 7.06 0.00	169.63 9.33 -7.30	211.78 12.10 -1.27	181.56 9.95 0.00	161.32 9.57 0.00	160.56 9.38 0.00	153.70 8.84 0.00	151.10 8.96 0.00	152.17 9.16 0.00	154.88 8.91 0.00	162.50 10.06 0.00	190.35 11.46 0.00	220.04 12.26 0.00	200.08 11.68 0.00	190.52 10.96 0.00	165.15 10.65 0.00	153.97 8.30 0.00	153.52 7.72 0.00	144.93 6.77 0.00
EAST_RIVER___2 323559	140.81 7.21 0.00	134.88 6.66 0.00	131.97 6.04 0.00	132.23 6.06 0.00	131.46 5.78 0.00	140.15 6.80 0.00	169.63 9.33 -7.30	211.98 12.31 -1.27	181.90 10.30 0.00	161.47 9.72 0.00	160.71 9.53 0.00	153.85 8.98 0.00	151.24 9.10 0.00	152.30 9.29 0.00	155.18 9.20 0.00	162.65 10.21 0.00	190.69 11.80 0.00	220.46 12.68 0.00	200.27 11.88 0.00	190.70 11.14 0.00	165.31 10.81 0.00	153.97 8.30 0.00	153.52 7.72 0.00	144.66 6.50 0.00
EAST___DELAWARE_HYD 23607	139.75 6.15 0.00	134.11 5.90 0.00	131.46 5.53 0.00	131.72 5.55 0.00	130.95 5.28 0.00	139.36 6.01 0.00	168.93 8.26 -7.68	209.66 9.92 -1.34	180.18 8.58 0.00	159.18 7.43 0.00	158.29 7.11 0.00	151.53 6.67 0.00	148.68 6.54 0.00	149.74 6.72 0.00	152.69 6.72 0.00	160.21 7.77 0.00	188.72 9.83 0.00	219.20 11.42 0.00	199.32 10.92 0.00	189.62 10.05 0.00	164.23 9.74 0.00	152.81 7.14 0.00	151.92 6.12 0.00	143.28 5.12 0.00
EIGHT_POINT___WT_PWR 323820	121.44 -12.16 0.00	116.80 -11.41 0.00	115.48 -10.45 0.00	116.20 -9.97 0.00	116.25 -9.43 0.00	122.15 -11.20 0.00	144.18 -10.86 -2.04	180.55 -16.86 0.98	166.25 -18.19 -12.83	134.75 -17.15 -0.15	133.80 -17.38 0.00	128.06 -16.80 0.00	124.90 -17.31 0.04	125.63 -17.31 0.07	128.45 -17.67 -0.15	174.52 -17.38 -39.47	162.72 -19.32 -3.15	188.44 -20.57 -1.24	169.82 -18.84 -0.26	161.51 -18.32 -0.26	141.67 -12.82 0.00	131.11 -14.57 0.00	131.36 -14.44 0.00	125.04 -13.13 0.00
ELBRIDGE_115KV_TB2 80188	129.86 -3.74 0.00	124.62 -3.59 0.00	122.40 -3.53 0.00	122.76 -3.41 0.00	122.15 -3.52 0.00	129.49 -3.87 0.00	149.33 -3.67 0.00	192.22 -5.36 0.82	167.14 -4.46 0.00	147.80 -3.95 0.00	147.10 -4.08 0.00	140.95 -3.91 0.00	138.44 -3.70 0.00	139.16 -3.86 -0.01	142.03 -3.94 0.00	148.48 -3.96 0.00	174.59 -4.29 0.00	203.42 -4.36 0.00	184.06 -4.33 0.00	175.26 -4.31 0.00	151.87 -2.63 0.00	142.03 -3.64 0.00	141.86 -3.94 0.00	134.30 -3.87 0.00
ELEC_TRO_TEK 24086	138.01 4.41 0.00	132.45 4.23 0.00	130.84 4.91 0.00	129.96 3.79 0.00	130.20 4.52 0.00	137.75 4.40 0.00	167.49 7.19 -7.30	208.60 8.93 -1.27	178.30 6.69 0.00	157.52 5.77 0.00	157.38 6.20 0.00	151.83 6.95 -0.01	150.67 8.53 -0.01	150.46 7.44 -0.01	154.16 8.17 -0.01	162.97 10.52 -0.01	190.16 11.27 0.00	262.95 12.67 -42.49	200.28 11.87 -0.01	190.88 11.31 0.00	168.69 11.12 -3.07	156.01 9.18 -1.16	152.66 6.85 -0.01	142.87 4.70 -0.01
ELLENBURG_WT_PWR 323604	133.47 -0.13 0.00	128.09 -0.13 0.00	126.06 0.13 0.00	126.17 0.00 0.00	125.42 -0.25 0.00	133.49 0.13 0.00	151.77 -1.23 0.00	197.81 -0.59 0.00	170.92 -0.68 0.00	150.99 -0.75 0.00	150.73 -0.45 0.00	144.57 -0.29 0.00	141.71 -0.43 0.00	142.30 -0.71 0.00	145.83 -0.15 0.00	152.13 -0.30 0.00	178.18 -0.71 0.00	207.16 -0.62 0.00	187.27 -1.12 0.00	179.39 -0.18 0.00	153.10 -1.39 0.00	145.67 0.00 0.00	146.39 0.59 0.00	139.96 1.79 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	119.17 -14.43 0.00	113.85 -14.36 0.00	111.83 -14.10 0.00	112.29 -13.88 0.00	111.97 -13.70 0.00	116.55 -16.80 0.00	132.35 -20.66 0.00	167.16 -29.76 1.48	143.12 -25.40 3.09	129.41 -22.31 0.04	129.11 -22.07 0.00	123.71 -21.15 0.00	121.23 -20.89 0.01	122.12 -20.88 0.02	124.34 -21.60 0.04	120.99 -21.95 9.50	153.44 -24.69 0.76	180.89 -26.60 0.30	164.03 -24.30 0.06	155.62 -23.88 0.06	138.27 -16.22 0.00	128.04 -17.63 0.00	127.72 -18.08 0.00	121.59 -16.58 0.00
EMPIRE_CC_1 323656	139.75 6.15 0.00	133.99 5.77 0.00	131.46 5.53 0.00	131.72 5.55 0.00	131.07 5.40 0.00	139.21 5.86 0.00	179.01 7.19 -18.82	210.52 8.33 -3.79	178.98 7.37 0.00	158.42 6.67 0.00	157.68 6.50 0.00	151.09 6.22 0.00	148.54 6.40 0.00	149.60 6.58 0.00	152.10 6.13 0.00	156.86 4.42 0.00	183.89 5.00 0.00	212.56 4.78 0.00	193.11 4.71 0.00	184.06 4.49 0.00	159.75 5.26 0.00	151.79 6.12 0.00	152.21 6.41 0.00	143.97 5.80 0.00
EMPIRE_CC_2 323658	139.75 6.15 0.00	133.99 5.77 0.00	131.46 5.53 0.00	131.72 5.55 0.00	131.07 5.40 0.00	139.21 5.86 0.00	179.01 7.19 -18.82	210.52 8.33 -3.79	178.98 7.37 0.00	158.42 6.67 0.00	157.68 6.50 0.00	151.09 6.22 0.00	148.54 6.40 0.00	149.60 6.58 0.00	152.10 6.13 0.00	156.86 4.42 0.00	183.89 5.00 0.00	212.56 4.78 0.00	193.11 4.71 0.00	184.06 4.49 0.00	159.75 5.26 0.00	151.79 6.12 0.00	152.21 6.41 0.00	143.97 5.80 0.00
ENORWICH_115KV_TB1 80156	140.28 6.68 0.00	135.14 6.92 0.00	132.60 6.67 0.00	133.11 6.94 0.00	132.84 7.16 0.00	141.62 8.27 0.00	169.82 11.93 -4.88	213.34 15.08 0.14	184.97 12.53 -0.83	161.62 9.86 -0.01	160.70 9.52 0.00	153.70 8.84 0.00	150.68 8.53 -0.02	151.63 8.58 -0.04	154.89 8.90 -0.01	165.82 10.82 -2.56	193.58 14.49 -0.20	226.35 18.49 -0.08	204.05 15.64 -0.02	194.49 14.90 -0.02	168.40 13.90 0.00	155.58 9.91 0.00	154.26 8.46 0.00	145.63 7.46 0.00
ERIE_ST__34_KV_TB1-2 80199	121.84 -11.76 0.00	116.42 -11.80 0.00	114.22 -11.71 0.00	114.69 -11.48 0.00	114.49 -11.18 0.00	119.48 -13.87 0.00	136.48 -16.52 0.00	172.13 -24.80 1.47	149.24 -20.08 2.29	133.20 -18.51 0.03	132.43 -18.75 0.00	126.90 -17.96 0.00	124.36 -17.77 0.01	125.55 -17.45 0.02	128.57 -17.37 0.03	127.86 -16.46 8.12	159.90 -18.43 0.57	187.40 -20.15 0.22	171.20 -17.14 0.05	162.46 -17.06 0.05	141.98 -12.51 0.00	131.10 -14.57 0.00	130.64 -15.16 0.00	124.35 -13.82 0.00
ERIE_WT_PWR 323693	120.11 -13.49 0.00	114.88 -13.34 0.00	113.46 -12.47 0.00	113.43 -12.74 0.00	113.36 -12.31 0.00	117.62 -15.74 0.00	135.10 -17.90 0.00	169.95 -26.98 1.48	145.45 -23.50 2.65	130.93 -20.78 0.03	130.32 -20.86 0.00	124.87 -19.99 0.00	122.38 -19.75 0.01	123.41 -19.59 0.02	125.80 -20.15 0.03	123.38 -20.12 8.93	155.51 -22.72 0.65	183.21 -24.31 0.26	166.49 -21.85 0.06	158.32 -21.19 0.06	139.51 -14.98 0.00	129.06 -16.61 0.00	129.32 -16.48 0.00	122.69 -15.47 0.00
ESPRGFLD_115KV_TB1 80157	135.07 1.47 0.00	129.50 1.28 0.00	127.19 1.26 0.00	127.43 1.26 0.00	126.93 1.26 0.00	135.22 1.87 0.00	209.04 3.52 -52.52	214.14 4.96 -10.78	174.70 3.09 0.00	153.27 1.52 0.00	152.24 1.06 0.00	145.73 0.87 0.00	142.99 0.85 0.00	144.16 1.14 0.00	147.73 1.75 0.00	155.64 3.20 0.00	183.72 4.83 0.00	213.60 5.82 0.00	193.67 5.28 0.00	184.77 5.21 0.00	159.13 4.63 0.00	148.58 2.91 0.00	147.55 1.75 0.00	139.55 1.38 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	133.33 -0.27 0.00	128.09 -0.13 0.00	125.68 -0.25 0.00	126.17 0.00 0.00	125.55 -0.13 0.00	133.22 -0.13 0.00	156.59 1.22 -2.36	198.53 0.99 0.87	173.78 0.86 -1.31	151.92 0.15 -0.01	151.03 -0.15 0.00	144.43 -0.43 0.00	141.76 -0.43 -0.05	142.68 -0.43 -0.10	145.70 -0.29 -0.01	156.93 0.46 -4.04	180.46 1.25 -0.32	210.40 2.49 -0.13	190.50 2.07 -0.03	181.21 1.62 -0.03	156.97 2.47 0.00	146.25 0.58 0.00	145.80 0.00 0.00	138.03 -0.14 0.00
ETNA____115KV_TB2 80207	133.33 -0.27 0.00	128.09 -0.13 0.00	125.68 -0.25 0.00	126.17 0.00 0.00	125.55 -0.13 0.00	133.22 -0.13 0.00	156.59 1.22 -2.36	198.53 0.99 0.87	173.78 0.86 -1.31	151.92 0.15 -0.01	151.03 -0.15 0.00	144.43 -0.43 0.00	141.76 -0.43 -0.05	142.68 -0.43 -0.10	145.70 -0.29 -0.01	156.93 0.46 -4.04	180.46 1.25 -0.32	210.40 2.49 -0.13	190.50 2.07 -0.03	181.21 1.62 -0.03	156.97 2.47 0.00	146.25 0.58 0.00	145.80 0.00 0.00	138.03 -0.14 0.00
EUCLID__115KV_TB2 356179	129.19 -4.41 0.00	123.98 -4.23 0.00	121.77 -4.16 0.00	122.13 -4.04 0.00	121.53 -4.15 0.00	128.82 -4.53 0.00	148.26 -4.74 0.00	190.58 -6.55 1.27	166.11 -5.49 0.00	146.89 -4.86 0.00	146.34 -4.84 0.00	140.23 -4.64 0.00	137.73 -4.41 0.00	138.58 -4.43 0.00	141.30 -4.67 0.00	147.56 -4.88 0.00	173.34 -5.55 0.00	201.96 -5.82 0.00	182.74 -5.65 0.00	174.00 -5.57 0.00	150.79 -3.71 0.00	141.16 -4.52 0.00	141.13 -4.67 0.00	133.47 -4.70 0.00
E_CANADA_CAP_HY 24051	136.41 2.81 0.00	130.52 2.31 0.00	128.20 2.27 0.00	128.69 2.52 0.00	128.06 2.38 0.00	136.42 3.07 0.00	226.04 4.89 -68.14	219.57 6.94 -14.22	175.22 3.61 0.00	153.11 1.36 0.00	151.79 0.61 0.00	145.15 0.29 0.00	142.42 0.28 0.00	144.15 1.14 0.00	148.17 2.19 0.00	156.40 3.96 0.00	184.78 5.89 0.00	214.43 6.65 0.00	194.60 6.21 0.00	185.68 6.11 0.00	159.75 5.26 0.00	149.90 4.23 0.00	148.87 3.07 0.00	140.78 2.62 0.00
E_CANADA_MHWK_HY 24050	142.28 8.68 0.00	136.43 8.21 0.00	134.00 8.07 0.00	134.25 8.08 0.00	133.97 8.29 0.00	142.42 9.07 0.00	164.16 11.16 0.00	212.88 14.48 0.00	183.97 12.36 0.00	162.68 10.93 0.00	162.07 10.89 0.00	155.15 10.29 0.00	152.38 10.24 0.00	153.60 10.58 0.00	156.78 10.80 0.00	164.02 11.58 0.00	191.94 13.05 0.00	223.16 15.38 0.00	201.97 13.57 0.00	192.32 12.75 0.00	165.77 11.27 0.00	156.01 10.34 0.00	156.00 10.20 0.00	147.83 9.67 0.00
E_FISHKILL__LBMP 23776	139.21 5.61 0.00	133.47 5.26 0.00	130.97 5.04 0.00	131.09 4.92 0.00	130.45 4.78 0.00	138.55 5.20 0.00	167.31 6.88 -7.43	208.04 8.33 -1.30	178.64 7.04 0.00	158.43 6.68 0.00	157.53 6.35 0.00	151.09 6.23 0.00	148.53 6.40 0.00	149.45 6.44 0.00	152.25 6.28 0.00	159.45 7.01 0.00	186.76 7.87 0.00	216.30 8.52 0.00	196.31 7.91 0.00	187.47 7.90 0.00	162.22 7.72 0.00	151.50 5.83 0.00	151.34 5.54 0.00	143.00 4.84 0.00
FALCON__SEABRD_CC1 323796	134.94 1.34 0.00	129.50 1.28 0.00	127.56 1.63 0.00	127.69 1.52 0.00	126.93 1.26 0.00	135.08 1.73 0.00	152.69 -0.31 0.00	198.21 -0.20 0.00	171.09 -0.51 0.00	151.29 -0.45 0.00	151.03 -0.15 0.00	145.59 0.73 0.00	142.71 0.57 0.00	143.30 0.29 0.00	146.86 0.88 0.00	152.44 0.00 0.00	177.27 -1.61 0.00	205.50 -2.28 0.00	185.76 -2.64 0.00	178.67 -0.89 0.00	153.57 -0.92 0.00	145.96 0.29 0.00	147.11 1.31 0.00	141.75 3.59 0.00
FALCON__SEABRD_CC2 323797	134.94 1.34 0.00	129.50 1.28 0.00	127.56 1.63 0.00	127.69 1.52 0.00	126.93 1.26 0.00	135.08 1.73 0.00	152.69 -0.31 0.00	198.21 -0.20 0.00	171.09 -0.51 0.00	151.29 -0.45 0.00	151.03 -0.15 0.00	145.59 0.73 0.00	142.71 0.57 0.00	143.30 0.29 0.00	146.86 0.88 0.00	152.44 0.00 0.00	177.27 -1.61 0.00	205.50 -2.28 0.00	185.76 -2.64 0.00	178.67 -0.89 0.00	153.57 -0.92 0.00	145.96 0.29 0.00	147.11 1.31 0.00	141.75 3.59 0.00



FAR ROCKAWAY___4 23548	140.02 6.41 0.00	134.37 6.15 0.00	132.73 6.80 0.00	131.73 5.55 0.00	132.09 6.41 0.00	139.62 6.27 0.00	169.94 9.64 -7.30	211.98 12.30 -1.28	180.88 9.27 0.00	159.64 7.89 0.00	159.65 8.47 0.00	154.16 9.27 -0.03	152.97 10.80 -0.03	152.77 9.72 -0.03	156.51 10.51 -0.03	165.73 13.26 -0.03	193.38 14.49 0.00	306.07 16.62 -81.66	204.05 15.64 -0.02	194.30 14.72 0.00	174.46 14.06 -5.91	159.85 11.95 -2.24	155.16 9.33 -0.03	144.97 6.77 -0.03
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	141.08 7.48 0.00	135.14 6.92 0.00	132.48 6.55 0.00	132.61 6.43 0.00	131.96 6.28 0.00	140.42 7.07 0.00	169.63 9.33 -7.30	211.58 11.90 -1.27	181.56 9.95 0.00	161.16 9.41 0.00	160.10 8.92 0.00	153.56 8.69 0.00	150.95 8.81 0.00	151.88 8.87 0.00	154.73 8.76 0.00	162.35 9.91 0.00	189.80 10.91 0.00	219.83 12.05 0.00	199.70 11.30 0.00	190.52 10.95 0.00	164.85 10.35 0.00	153.54 7.87 0.00	153.53 7.73 0.00	144.94 6.77 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	141.22 7.62 0.00	135.14 6.92 0.00	132.60 6.67 0.00	132.61 6.43 0.00	131.96 6.28 0.00	140.42 7.07 0.00	169.63 9.33 -7.30	211.58 11.90 -1.27	181.56 9.95 0.00	161.16 9.41 0.00	160.10 8.92 0.00	153.56 8.69 0.00	150.95 8.81 0.00	151.88 8.87 0.00	154.73 8.76 0.00	162.35 9.91 0.00	189.80 10.91 0.00	219.83 12.05 0.00	199.70 11.30 0.00	190.52 10.95 0.00	164.85 10.35 0.00	153.54 7.87 0.00	153.53 7.73 0.00	145.07 6.91 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	141.08 7.48 0.00	135.14 6.92 0.00	132.48 6.55 0.00	132.48 6.31 0.00	131.83 6.16 0.00	140.42 7.07 0.00	169.48 9.18 -7.30	211.58 11.90 -1.27	181.39 9.78 0.00	161.01 9.26 0.00	160.10 8.92 0.00	153.41 8.55 0.00	150.95 8.81 0.00	151.88 8.87 0.00	154.73 8.76 0.00	162.19 9.76 0.00	189.80 10.91 0.00	219.62 11.84 0.00	199.51 11.12 0.00	190.34 10.77 0.00	164.69 10.20 0.00	153.39 7.72 0.00	153.38 7.58 0.00	144.94 6.77 0.00
FARRAGUT___LBMP 323566	140.95 7.35 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.35 6.18 0.00	131.83 6.16 0.00	140.29 6.93 0.00	169.32 9.03 -7.30	211.38 11.71 -1.27	181.22 9.61 0.00	160.85 9.10 0.00	159.95 8.77 0.00	153.27 8.40 0.00	150.81 8.67 0.00	151.74 8.72 0.00	154.59 8.61 0.00	162.04 9.60 0.00	189.62 10.73 0.00	219.42 11.64 0.00	199.32 10.93 0.00	190.16 10.59 0.00	164.54 10.04 0.00	153.25 7.57 0.00	153.24 7.44 0.00	144.80 6.63 0.00
FENNER___WINDPWR 24204	135.21 1.61 0.00	130.01 1.79 0.00	127.69 1.76 0.00	128.07 1.90 0.00	127.56 1.89 0.00	135.36 2.00 0.00	156.52 3.52 0.00	201.87 4.57 1.10	175.38 3.77 0.00	154.78 3.03 0.00	154.05 2.87 0.00	147.47 2.61 0.00	144.71 2.56 -0.01	145.74 2.71 -0.02	148.61 2.63 0.00	155.65 3.21 0.00	182.82 3.93 0.00	212.76 4.98 0.00	192.54 4.14 0.00	183.34 3.78 0.00	158.36 3.86 0.00	148.15 2.47 0.00	147.84 2.04 0.00	139.96 1.79 0.00
FIBERTEK___ENERGY 23856	130.66 -2.94 0.00	125.52 -2.69 0.00	123.29 -2.64 0.00	123.65 -2.52 0.00	123.03 -2.64 0.00	130.42 -2.93 0.00	150.40 -2.60 0.00	193.81 -3.77 0.82	168.52 -3.09 0.00	149.02 -2.73 0.00	148.46 -2.72 0.00	142.26 -2.61 0.00	139.58 -2.56 0.00	140.44 -2.57 -0.01	143.35 -2.63 0.00	149.69 -2.74 0.00	176.03 -2.86 0.00	205.08 -2.70 0.00	185.57 -2.83 0.00	176.69 -2.87 0.00	152.95 -1.54 0.00	143.05 -2.62 0.00	142.88 -2.92 0.00	135.26 -2.90 0.00
FITZPATRICK___ 23598	127.59 -6.01 0.00	122.45 -5.77 0.00	120.27 -5.66 0.00	120.50 -5.68 0.00	120.02 -5.65 0.00	127.09 -6.27 0.00	146.43 -6.57 0.00	189.28 -9.12 0.00	163.89 -7.72 0.00	145.08 -6.67 0.00	144.38 -6.80 0.00	138.35 -6.52 0.00	135.74 -6.39 0.00	136.58 -6.43 0.00	139.41 -6.57 0.00	145.58 -6.86 0.00	171.02 -7.87 0.00	199.06 -8.72 0.00	180.30 -8.10 0.00	171.85 -7.72 0.00	148.31 -6.18 0.00	139.26 -6.41 0.00	139.24 -6.56 0.00	131.81 -6.35 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	140.95 7.35 0.00	135.14 6.92 0.00	132.60 6.67 0.00	132.73 6.56 0.00	132.08 6.41 0.00	140.29 6.93 0.00	169.72 9.18 -7.54	210.64 10.91 -1.32	181.04 9.44 0.00	160.40 8.65 0.00	159.50 8.31 0.00	152.98 8.11 0.00	150.24 8.10 0.00	151.31 8.29 0.00	154.15 8.17 0.00	161.43 8.99 0.00	189.44 10.55 0.00	219.83 12.05 0.00	199.89 11.49 0.00	190.52 10.95 0.00	164.85 10.35 0.00	153.54 7.87 0.00	153.09 7.29 0.00	144.52 6.36 0.00
FORT ORANGE___ 23900	138.95 5.35 0.00	133.08 4.87 0.00	130.71 4.78 0.00	130.96 4.79 0.00	130.33 4.65 0.00	138.42 5.07 0.00	193.83 5.81 -35.02	212.05 6.16 -7.49	177.26 5.65 0.00	156.91 5.16 0.00	156.02 4.84 0.00	149.50 4.63 0.00	146.82 4.68 0.00	147.88 4.87 0.00	150.06 4.08 0.00	156.40 3.96 0.00	183.36 4.47 0.00	211.93 4.15 0.00	192.73 4.34 0.00	183.70 4.13 0.00	159.44 4.94 0.00	150.04 4.37 0.00	151.20 5.40 0.00	143.13 4.97 0.00
FORT_DRUM_COGEN 23780	135.87 2.27 0.00	130.78 2.56 0.00	128.45 2.52 0.00	128.69 2.52 0.00	128.19 2.51 0.00	136.42 3.07 0.00	157.59 4.59 0.00	206.34 7.94 0.00	177.78 6.18 0.00	156.15 4.40 0.00	155.72 4.54 0.00	148.92 4.06 0.00	146.26 4.12 0.00	147.02 4.00 0.00	149.92 3.94 0.00	157.47 5.03 0.00	185.33 6.44 0.00	216.51 8.73 0.00	194.99 6.59 0.00	186.03 6.46 0.00	159.90 5.41 0.00	149.31 3.64 0.00	149.45 3.65 0.00	141.62 3.45 0.00
FOX_HILLS___ESR 323835	142.03 8.42 -0.01	136.56 8.33 -0.01	134.12 8.19 -0.01	134.13 7.95 -0.01	133.60 7.92 -0.01	141.49 8.13 -0.01	170.10 9.79 -7.30	211.98 12.30 -1.27	169.98 10.81 12.43	161.04 9.41 0.12	160.56 9.52 0.14	153.00 9.13 0.99	151.24 9.24 0.14	152.31 9.44 0.14	155.18 9.34 0.14	161.98 10.67 1.13	182.43 12.52 8.98	206.19 13.92 15.51	189.99 13.00 11.40	184.03 12.57 8.11	161.05 11.74 5.18	154.72 9.18 0.13	154.56 8.75 -0.01	145.77 7.60 -0.01
FPL_FAR_ROCK_GT1 24212	140.02 6.41 0.00	134.37 6.15 0.00	131.47 5.53 0.00	131.35 5.18 0.00	131.08 5.40 0.00	139.63 6.27 0.00	170.24 9.94 -7.30	212.19 12.51 -1.28	181.21 9.60 0.00	159.94 8.19 0.00	161.16 9.98 0.00	156.20 11.31 -0.03	153.11 10.95 -0.03	155.35 12.30 -0.03	156.81 10.80 -0.03	165.89 13.42 -0.03	193.73 14.84 0.00	306.49 17.04 -81.66	204.42 16.00 -0.02	194.30 14.73 0.00	174.92 14.52 -5.91	160.28 12.38 -2.24	153.99 8.16 -0.03	144.97 6.77 -0.03
FPL_FAR_ROCK_GT2 23815	140.02 6.41 0.00	134.37 6.15 0.00	131.47 5.53 0.00	131.35 5.18 0.00	131.08 5.40 0.00	139.63 6.27 0.00	170.24 9.94 -7.30	212.19 12.51 -1.28	181.21 9.60 0.00	159.94 8.19 0.00	161.16 9.98 0.00	156.20 11.31 -0.03	153.11 10.95 -0.03	155.35 12.30 -0.03	156.81 10.80 -0.03	165.89 13.42 -0.03	193.73 14.84 0.00	306.49 17.04 -81.66	204.42 16.00 -0.02	194.30 14.73 0.00	174.92 14.52 -5.91	160.28 12.38 -2.24	153.99 8.16 -0.03	144.97 6.77 -0.03
FRANKLIN_FALL_HYD 24054	135.74 2.14 0.00	130.26 2.05 0.00	128.45 2.52 0.00	128.69 2.52 0.00	127.81 2.14 0.00	136.02 2.67 0.00	155.91 2.91 0.00	204.16 5.75 0.00	175.90 4.29 0.00	155.39 3.64 0.00	155.11 3.93 0.00	147.91 3.04 0.00	144.98 2.84 0.00	145.59 2.57 0.00	149.19 3.21 0.00	156.10 3.66 0.00	183.36 4.47 0.00	214.01 6.23 0.00	193.67 5.28 0.00	184.42 4.85 0.00	157.12 2.63 0.00	149.17 3.50 0.00	149.59 3.79 0.00	142.45 4.28 0.00



FREEPORT_EQUS_GT1 23764	138.81 5.21 0.00	133.35 5.13 0.00	130.46 4.53 0.00	130.46 4.29 0.00	130.19 4.52 0.00	138.69 5.34 0.00	169.17 8.87 -7.30	210.78 11.10 -1.27	180.01 8.41 0.00	158.73 6.98 0.00	159.79 8.61 0.00	154.86 9.99 -0.01	151.67 9.52 -0.01	153.89 10.86 -0.01	155.47 9.48 -0.01	164.65 12.20 -0.01	192.66 13.78 0.00	259.37 14.97 -36.62	202.55 14.14 -0.01	192.50 12.94 0.00	170.74 13.60 -2.64	157.89 11.22 -1.00	152.95 7.14 -0.01	143.98 5.80 -0.01
FREEPORT___CT2 23818	138.81 5.21 0.00	133.35 5.13 0.00	130.46 4.53 0.00	130.46 4.29 0.00	130.19 4.52 0.00	138.69 5.34 0.00	169.17 8.87 -7.30	210.78 11.10 -1.27	180.01 8.41 0.00	158.73 6.98 0.00	159.79 8.61 0.00	154.86 9.99 -0.01	151.67 9.52 -0.01	153.89 10.86 -0.01	155.47 9.48 -0.01	164.65 12.20 -0.01	192.66 13.78 0.00	259.37 14.97 -36.62	202.55 14.14 -0.01	192.50 12.94 0.00	170.74 13.60 -2.64	157.89 11.22 -1.00	152.95 7.14 -0.01	143.98 5.80 -0.01
FRESHKLS_33_KV_LOAD 356253	142.29 8.68 -0.01	136.94 8.72 -0.01	134.50 8.56 -0.01	134.63 8.45 -0.01	133.98 8.29 -0.01	141.76 8.40 -0.01	170.10 9.79 -7.30	211.98 12.30 -1.27	170.50 11.33 12.43	161.04 9.41 0.12	160.56 9.52 0.14	153.00 9.13 0.99	151.24 9.24 0.14	152.31 9.44 0.14	155.18 9.34 0.14	162.13 10.82 1.13	183.15 13.24 8.98	207.02 14.75 15.51	190.93 13.94 11.40	184.93 13.47 8.11	161.36 12.05 5.18	154.86 9.32 0.13	154.85 9.04 -0.01	145.91 7.74 -0.01
FULTON COGEN____ 23766	129.19 -4.41 0.00	124.11 -4.10 0.00	121.77 -4.16 0.00	122.13 -4.04 0.00	121.53 -4.15 0.00	128.82 -4.53 0.00	148.41 -4.59 0.00	192.65 -6.35 -0.60	166.29 -5.32 0.00	147.20 -4.55 0.00	146.65 -4.54 0.00	140.52 -4.35 0.00	138.02 -4.12 0.00	138.87 -4.15 0.00	141.60 -4.38 0.00	147.87 -4.57 0.00	173.70 -5.19 0.00	202.38 -5.40 0.00	183.12 -5.28 0.00	174.36 -5.21 0.00	150.94 -3.55 0.00	141.30 -4.37 0.00	141.28 -4.52 0.00	133.74 -4.42 0.00
FULTON___LFGE 323630	140.15 6.54 0.00	133.99 5.77 0.00	131.73 5.80 0.00	132.10 5.93 0.00	131.58 5.91 0.00	140.02 6.66 0.00	237.18 8.87 -75.31	226.11 11.90 -15.80	179.67 8.07 0.00	156.91 5.16 0.00	155.41 4.23 0.00	148.62 3.76 0.00	145.98 3.84 0.00	147.73 4.71 0.00	151.82 5.85 0.00	160.36 7.92 0.00	189.44 10.55 0.00	219.83 12.05 0.00	199.51 11.11 0.00	190.52 10.96 0.00	163.92 9.43 0.00	153.53 7.86 0.00	152.80 7.00 0.00	144.52 6.36 0.00
G.F.CEMENT___DRP 24184	143.75 10.15 0.00	137.44 9.23 0.00	135.25 9.32 0.00	135.63 9.46 0.00	134.97 9.30 0.00	143.35 10.00 0.00	242.57 12.24 -77.33	231.01 16.07 -16.53	184.99 13.39 0.00	162.83 11.08 0.00	161.61 10.43 0.00	154.86 10.00 0.00	152.23 10.09 0.00	153.17 10.15 0.00	156.49 10.51 0.00	163.57 11.13 0.00	192.66 13.77 0.00	223.16 15.38 0.00	202.53 14.13 0.00	193.39 13.83 0.00	166.55 12.05 0.00	156.45 10.78 0.00	156.15 10.35 0.00	148.11 9.95 0.00
GARDENVILLE___LBMP 24039	119.57 -14.03 0.00	114.37 -13.85 0.00	112.33 -13.60 0.00	112.67 -13.50 0.00	112.48 -13.20 0.00	117.08 -16.27 0.00	133.26 -19.74 0.00	168.16 -28.77 1.48	143.66 -24.54 3.40	130.01 -21.70 0.04	129.56 -21.62 0.00	124.29 -20.57 0.00	121.80 -20.33 0.01	122.69 -20.31 0.02	124.92 -21.02 0.04	120.78 -21.19 10.47	154.26 -23.79 0.84	181.69 -25.76 0.33	165.15 -23.17 0.07	156.69 -22.81 0.07	138.89 -15.60 0.00	128.48 -17.19 0.00	128.16 -17.64 0.00	122.14 -16.03 0.00
GARDNVLA_35_KV_LD 355827	120.51 -13.09 0.00	115.14 -13.08 0.00	113.09 -12.84 0.00	113.43 -12.74 0.00	113.23 -12.44 0.00	118.02 -15.34 0.00	134.18 -18.82 0.00	169.55 -27.38 1.48	146.11 -23.00 2.50	131.23 -20.49 0.03	130.92 -20.26 0.00	125.45 -19.41 0.00	122.94 -19.19 0.01	123.97 -19.02 0.02	126.24 -19.71 0.03	123.82 -19.97 8.65	156.09 -22.18 0.62	183.85 -23.69 0.25	167.05 -21.29 0.05	158.50 -21.01 0.05	140.28 -14.21 0.00	129.65 -16.02 0.00	129.32 -16.48 0.00	123.11 -15.06 0.00
GELCKHM___115KV_LOAD 80723	129.86 -3.74 0.00	124.62 -3.59 0.00	122.28 -3.65 0.00	122.64 -3.53 0.00	122.15 -3.52 0.00	129.35 -4.00 0.00	149.17 -3.83 0.00	191.77 -5.56 1.08	166.97 -4.63 0.00	147.80 -3.95 0.00	147.10 -4.08 0.00	141.10 -3.77 0.00	138.44 -3.70 0.00	139.30 -3.72 0.00	142.03 -3.94 0.00	148.48 -3.96 0.00	174.42 -4.47 0.00	203.21 -4.57 0.00	183.87 -4.52 0.00	175.08 -4.49 0.00	151.56 -2.94 0.00	141.88 -3.79 0.00	141.86 -3.94 0.00	134.16 -4.01 0.00
GENERAL___MILLS 23808	120.11 -13.49 0.00	114.75 -13.46 0.00	112.71 -13.22 0.00	113.18 -13.00 0.00	112.85 -12.82 0.00	117.62 -15.74 0.00	133.72 -19.28 0.00	168.95 -27.97 1.48	145.28 -23.68 2.65	130.77 -20.94 0.03	130.32 -20.86 0.00	125.02 -19.85 0.00	122.37 -19.76 0.01	123.40 -19.59 0.02	125.80 -20.14 0.03	123.08 -20.43 8.93	155.52 -22.72 0.65	183.00 -24.52 0.26	166.11 -22.23 0.06	157.78 -21.73 0.06	139.66 -14.83 0.00	129.21 -16.46 0.00	128.89 -16.91 0.00	122.69 -15.47 0.00
GE_PLASTICS___DRP 24183	138.14 4.54 0.00	132.44 4.23 0.00	130.09 4.16 0.00	130.34 4.16 0.00	129.69 4.02 0.00	137.62 4.27 0.00	185.91 5.05 -27.87	209.72 5.36 -5.96	176.41 4.80 0.00	156.30 4.55 0.00	155.41 4.23 0.00	149.06 4.20 0.00	146.40 4.26 0.00	147.45 4.43 0.00	149.77 3.80 0.00	156.10 3.66 0.00	182.82 3.94 0.00	211.52 3.74 0.00	192.16 3.77 0.00	183.34 3.77 0.00	158.82 4.33 0.00	149.46 3.79 0.00	150.32 4.52 0.00	142.31 4.14 0.00
GILBOA___1 23756	136.94 3.34 0.00	131.29 3.07 0.00	128.83 2.90 0.00	129.08 2.90 0.00	128.43 2.76 0.00	136.42 3.07 0.00	161.79 4.28 -4.51	203.59 4.57 -0.62	175.72 4.11 0.00	155.54 3.80 0.00	154.96 3.78 0.00	148.49 3.62 0.00	145.69 3.55 0.00	146.73 3.71 0.00	149.63 3.65 0.00	156.25 3.81 0.00	183.01 4.12 0.00	211.72 3.94 0.00	192.54 4.14 0.00	183.51 3.95 0.00	159.13 4.63 0.00	149.31 3.64 0.00	149.16 3.36 0.00	141.07 2.91 0.00
GILBOA___2 23757	136.94 3.34 0.00	131.29 3.07 0.00	128.83 2.90 0.00	129.08 2.90 0.00	128.43 2.76 0.00	136.42 3.07 0.00	161.79 4.28 -4.51	203.59 4.57 -0.62	175.72 4.11 0.00	155.54 3.80 0.00	154.96 3.78 0.00	148.49 3.62 0.00	145.69 3.55 0.00	146.73 3.71 0.00	149.63 3.65 0.00	156.25 3.81 0.00	183.01 4.12 0.00	211.72 3.94 0.00	192.54 4.14 0.00	183.51 3.95 0.00	159.13 4.63 0.00	149.31 3.64 0.00	149.16 3.36 0.00	141.07 2.91 0.00
GILBOA___3 23758	136.94 3.34 0.00	131.29 3.07 0.00	128.83 2.90 0.00	129.08 2.90 0.00	128.43 2.76 0.00	136.42 3.07 0.00	161.79 4.28 -4.51	203.59 4.57 -0.62	175.72 4.11 0.00	155.54 3.80 0.00	154.96 3.78 0.00	148.49 3.62 0.00	145.69 3.55 0.00	146.73 3.71 0.00	149.63 3.65 0.00	156.25 3.81 0.00	183.01 4.12 0.00	211.72 3.94 0.00	192.54 4.14 0.00	183.51 3.95 0.00	159.13 4.63 0.00	149.31 3.64 0.00	149.16 3.36 0.00	141.07 2.91 0.00
GILBOA___4 23759	136.94 3.34 0.00	131.29 3.07 0.00	128.83 2.90 0.00	129.08 2.90 0.00	128.43 2.76 0.00	136.42 3.07 0.00	161.79 4.28 -4.51	203.59 4.57 -0.62	175.72 4.11 0.00	155.54 3.80 0.00	154.96 3.78 0.00	148.49 3.62 0.00	145.69 3.55 0.00	146.73 3.71 0.00	149.63 3.65 0.00	156.25 3.81 0.00	183.01 4.12 0.00	211.72 3.94 0.00	192.54 4.14 0.00	183.51 3.95 0.00	159.13 4.63 0.00	149.31 3.64 0.00	149.16 3.36 0.00	141.07 2.91 0.00



GILBOA____ 23599	136.94 3.34 0.00	131.29 3.08 0.00	128.95 3.02 0.00	129.07 2.90 0.00	128.56 2.89 0.00	136.42 3.07 0.00	161.64 4.13 -4.51	203.38 4.36 -0.62	175.72 4.12 0.00	155.54 3.79 0.00	154.66 3.48 0.00	148.34 3.48 0.00	145.69 3.55 0.00	146.59 3.58 0.00	149.48 3.50 0.00	156.25 3.81 0.00	182.82 3.94 0.00	211.52 3.74 0.00	192.35 3.96 0.00	183.52 3.95 0.00	158.98 4.48 0.00	149.02 3.35 0.00	149.01 3.21 0.00	141.07 2.90 0.00
GINNA____ 23603	119.97 -13.63 0.00	114.88 -13.34 0.00	113.22 -12.71 0.00	113.30 -12.87 0.00	112.85 -12.82 0.00	118.82 -14.53 0.00	136.94 -16.06 0.00	174.90 -22.03 1.47	151.58 -19.57 0.46	135.35 -16.39 0.01	134.85 -16.33 0.00	129.37 -15.50 0.00	127.06 -15.07 0.00	127.84 -15.16 0.01	130.20 -15.77 0.01	134.09 -16.93 1.42	159.99 -18.78 0.11	188.83 -18.91 0.04	170.12 -18.27 0.01	162.14 -17.42 0.01	140.90 -13.60 0.00	130.81 -14.86 0.00	130.93 -14.87 0.00	123.79 -14.37 0.00
GLEN PARK____ 23778	136.41 2.81 0.00	131.42 3.21 0.00	129.20 3.27 0.00	129.33 3.16 0.00	128.82 3.14 0.00	137.22 3.87 0.00	158.50 5.50 0.00	207.73 9.33 0.00	178.64 7.04 0.00	156.91 5.16 0.00	156.47 5.29 0.00	149.50 4.63 0.00	146.82 4.68 0.00	147.59 4.58 0.00	150.51 4.53 0.00	158.38 5.94 0.00	186.40 7.51 0.00	218.16 10.38 0.00	196.49 8.10 0.00	187.46 7.89 0.00	161.13 6.64 0.00	150.33 4.66 0.00	150.33 4.52 0.00	142.31 4.14 0.00
GLENDALE_27_KV_LOAD 356172	142.16 8.55 -0.01	136.17 7.95 -0.01	133.49 7.56 -0.01	133.50 7.32 -0.01	132.97 7.29 -0.01	141.49 8.13 -0.01	170.86 10.56 -7.30	212.97 13.29 -1.27	183.16 11.33 -0.22	162.38 10.62 -0.01	161.32 10.13 -0.01	154.84 9.85 -0.12	152.10 9.95 -0.01	153.18 10.15 -0.01	156.06 10.07 -0.01	163.59 11.13 -0.03	191.59 12.52 -0.17	221.71 13.92 -0.01	201.40 13.00 -0.01	192.38 12.75 -0.07	166.40 11.90 -0.01	154.86 9.18 -0.01	154.70 8.89 -0.01	146.05 7.88 -0.01
GLENWOOD_IC_1_G5 23712	139.88 6.28 0.00	134.11 5.90 0.00	132.10 6.17 0.00	131.60 5.43 0.00	131.58 5.91 0.00	139.35 6.00 0.00	169.17 8.87 -7.30	210.98 11.31 -1.27	180.53 8.92 0.00	159.79 8.04 0.00	159.50 8.31 0.00	153.41 8.55 0.00	151.66 9.52 0.00	151.88 8.87 0.00	155.32 9.34 0.00	163.72 11.28 0.00	191.41 12.52 0.00	254.59 14.13 -32.68	201.60 13.19 -0.01	192.14 12.57 0.00	168.90 12.05 -2.36	156.32 9.76 -0.89	153.82 8.02 0.00	144.39 6.22 0.00
GLENWOOD_IC_2_G1 23688	139.75 6.15 0.00	133.99 5.77 0.00	131.22 5.29 0.00	131.35 5.18 0.00	130.71 5.03 0.00	139.21 5.86 0.00	168.71 8.41 -7.30	210.18 10.51 -1.27	180.18 8.58 0.00	159.63 7.89 0.00	159.64 8.46 0.00	153.41 8.54 0.00	150.52 8.38 0.00	152.03 9.02 0.00	154.44 8.46 0.00	162.20 9.76 0.00	189.98 11.10 0.00	221.23 12.26 -1.20	200.08 11.68 0.00	190.34 10.77 0.00	165.39 10.81 -0.09	154.30 8.59 -0.03	152.65 6.85 0.00	143.97 5.80 0.00
GLENWOOD_IC_3_G1 23689	139.75 6.15 0.00	133.99 5.77 0.00	131.22 5.29 0.00	131.35 5.18 0.00	130.71 5.03 0.00	139.21 5.86 0.00	168.71 8.41 -7.30	210.18 10.51 -1.27	180.18 8.58 0.00	159.63 7.89 0.00	159.64 8.46 0.00	153.41 8.54 0.00	150.52 8.38 0.00	152.03 9.02 0.00	154.44 8.46 0.00	162.20 9.76 0.00	189.98 11.10 0.00	221.23 12.26 -1.20	200.08 11.68 0.00	190.34 10.77 0.00	165.39 10.81 -0.09	154.30 8.59 -0.03	152.65 6.85 0.00	143.97 5.80 0.00
GLENWOOD____4 23550	139.88 6.28 0.00	134.11 5.90 0.00	132.10 6.17 0.00	131.60 5.43 0.00	131.58 5.91 0.00	139.35 6.00 0.00	169.17 8.87 -7.30	210.98 11.31 -1.27	180.53 8.92 0.00	159.79 8.04 0.00	159.50 8.31 0.00	153.41 8.55 0.00	151.66 9.52 0.00	151.88 8.87 0.00	155.32 9.34 0.00	163.72 11.28 0.00	191.41 12.52 0.00	254.59 14.13 -32.68	201.60 13.19 -0.01	192.14 12.57 0.00	168.90 12.05 -2.36	156.32 9.76 -0.89	153.82 8.02 0.00	144.39 6.22 0.00
GLENWOOD____5 23614	139.88 6.28 0.00	134.11 5.90 0.00	132.10 6.17 0.00	131.60 5.43 0.00	131.58 5.91 0.00	139.35 6.00 0.00	169.17 8.87 -7.30	210.98 11.31 -1.27	180.53 8.92 0.00	159.79 8.04 0.00	159.50 8.31 0.00	153.41 8.55 0.00	151.66 9.52 0.00	151.88 8.87 0.00	155.32 9.34 0.00	163.72 11.28 0.00	191.41 12.52 0.00	254.59 14.13 -32.68	201.60 13.19 -0.01	192.14 12.57 0.00	168.90 12.05 -2.36	156.32 9.76 -0.89	153.82 8.02 0.00	144.39 6.22 0.00
GLOBAL GREEN_PORT_GT1 23814	176.44 9.75 -33.09	138.41 9.49 -0.71	135.01 8.94 -0.14	134.66 8.45 -0.04	134.63 8.92 -0.04	186.12 10.01 -42.76	219.90 15.00 -51.90	204.07 18.64 12.97	171.78 14.42 14.24	152.81 10.62 9.56	153.59 12.40 9.99	149.69 13.18 8.35	147.22 12.36 7.28	149.28 14.30 8.04	150.76 13.28 8.50	170.09 17.67 0.02	202.81 21.28 -2.64	218.85 18.07 6.99	206.47 18.09 0.01	200.40 16.34 -4.49	200.40 20.55 -25.35	162.84 17.04 -0.14	232.02 12.09 -74.13	144.45 10.37 4.09
GLOBE____DSASP 323697	116.10 -17.50 0.00	110.78 -17.44 0.00	108.80 -17.13 0.00	109.14 -17.03 0.00	108.83 -16.84 0.00	112.15 -21.20 0.00	126.38 -26.62 0.00	160.01 -36.90 1.49	137.07 -32.26 2.28	124.10 -27.62 0.03	124.12 -27.06 0.00	119.08 -25.79 0.00	116.69 -25.44 0.01	117.54 -25.46 0.02	119.38 -26.57 0.03	119.07 -26.37 7.00	146.67 -31.66 0.56	173.07 -34.49 0.22	156.70 -31.65 0.05	148.64 -30.89 0.05	133.33 -21.17 0.00	123.53 -22.14 0.00	123.49 -22.31 0.00	117.72 -20.45 0.00
GOETHSLN____LBMP 323567	140.15 6.55 0.00	134.24 6.03 0.00	131.60 5.67 0.00	131.72 5.55 0.00	131.08 5.40 0.00	139.62 6.27 0.00	168.40 8.11 -7.30	210.19 10.52 -1.27	167.70 8.58 12.49	159.97 8.35 0.13	158.89 7.86 0.15	151.40 7.53 1.00	149.81 7.82 0.15	150.73 7.87 0.15	153.56 7.74 0.15	159.99 8.69 1.14	179.36 9.48 9.01	202.45 10.18 15.52	186.56 9.61 11.44	180.77 9.34 8.14	158.27 8.96 5.19	152.09 6.56 0.14	152.36 6.56 0.00	143.97 5.80 0.00
GOLAH____69_KV_TB 1_2 80279	123.31 -10.29 0.00	117.96 -10.26 0.00	115.98 -9.95 0.00	116.20 -9.97 0.00	115.87 -9.80 0.00	121.75 -11.60 0.00	138.77 -14.23 0.00	177.08 -19.84 1.48	154.05 -17.68 -0.11	136.72 -15.02 0.01	136.21 -14.97 0.00	130.67 -14.20 0.00	128.20 -13.93 0.00	128.85 -14.16 0.01	131.23 -14.74 0.01	135.15 -16.01 1.28	161.56 -17.35 -0.02	190.54 -17.25 0.00	171.62 -16.77 0.00	162.68 -16.88 0.00	143.53 -10.97 0.00	133.14 -12.53 0.00	133.12 -12.68 0.00	126.42 -11.74 0.00
GOODYEAR_LAKE_HYD 323669	136.41 2.81 0.00	130.91 2.69 0.00	128.45 2.52 0.00	128.69 2.52 0.00	128.19 2.51 0.00	136.29 2.93 0.00	180.62 4.59 -23.03	208.64 5.95 -4.28	176.58 4.98 0.00	155.69 3.95 0.00	154.96 3.78 0.00	148.34 3.48 0.00	145.55 3.41 0.00	146.59 3.58 0.00	149.62 3.65 0.00	157.01 4.57 0.00	184.79 5.90 0.00	214.84 7.06 0.00	194.61 6.22 0.00	185.67 6.11 0.00	160.37 5.87 0.00	149.75 4.08 0.00	149.01 3.21 0.00	140.79 2.63 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	130.93 -2.67 0.00	125.65 -2.56 0.00	123.29 -2.64 0.00	123.77 -2.40 0.00	123.16 -2.51 0.00	130.42 -2.93 0.00	153.83 -2.45 -3.27	193.03 -4.76 0.61	170.17 -2.06 -0.63	149.63 -2.12 -0.01	148.91 -2.27 0.00	142.69 -2.17 0.00	140.00 -2.13 0.01	140.86 -2.15 0.01	143.79 -2.19 -0.01	152.69 -1.68 -1.92	177.25 -1.79 -0.15	206.39 -1.45 -0.06	187.28 -1.13 -0.01	178.32 -1.26 -0.01	154.65 0.15 0.00	144.21 -1.46 0.00	143.90 -1.90 0.00	136.37 -1.80 0.00



GOUDEY___7 23579	130.93 -2.67 0.00	125.65 -2.56 0.00	123.29 -2.64 0.00	123.77 -2.40 0.00	123.16 -2.51 0.00	130.42 -2.93 0.00	153.83 -2.45 -3.27	193.03 -4.76 0.61	170.17 -2.06 -0.63	149.63 -2.12 -0.01	148.91 -2.27 0.00	142.69 -2.17 0.00	140.00 -2.13 0.01	140.86 -2.15 0.01	143.79 -2.19 -0.01	152.69 -1.68 -1.92	177.25 -1.79 -0.15	206.39 -1.45 -0.06	187.28 -1.13 -0.01	178.32 -1.26 -0.01	154.65 0.15 0.00	144.21 -1.46 0.00	143.90 -1.90 0.00	136.37 -1.80 0.00
GOUDEY___8 23580	130.93 -2.67 0.00	125.65 -2.56 0.00	123.29 -2.64 0.00	123.77 -2.40 0.00	123.16 -2.51 0.00	130.42 -2.93 0.00	153.83 -2.45 -3.27	193.03 -4.76 0.61	170.17 -2.06 -0.63	149.63 -2.12 -0.01	148.91 -2.27 0.00	142.69 -2.17 0.00	140.00 -2.13 0.01	140.86 -2.15 0.01	143.79 -2.19 -0.01	152.69 -1.68 -1.92	177.25 -1.79 -0.15	206.39 -1.45 -0.06	187.28 -1.13 -0.01	178.32 -1.26 -0.01	154.65 0.15 0.00	144.21 -1.46 0.00	143.90 -1.90 0.00	136.37 -1.80 0.00
GOWANUS_GT1_1 24077	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT1_2 24078	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT1_3 24079	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT1_4 24080	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT1_5 24084	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT1_6 24111	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT1_7 24112	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT1_8 24113	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT2_1 24114	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT2_2 24115	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT2_3 24116	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT2_4 24117	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT2_5 24118	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01



GOWANUS_GT2_6 24119	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT2_7 24120	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT2_8 24121	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT3_1 24122	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT3_2 24123	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT3_3 24124	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT3_4 24125	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT3_5 24126	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT3_6 24127	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT3_7 24128	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT3_8 24129	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
GOWANUS_GT4_1 24130	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT4_2 24131	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT4_3 24132	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT4_4 24133	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01



GOWANUS_GT4_5 24134	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT4_6 24135	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT4_7 24136	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GOWANUS_GT4_8 24137	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GREATVR_69_KV_BK1 356245	151.81 4.28 -13.94	132.37 4.23 0.07	131.15 5.16 -0.06	130.86 4.67 -0.02	131.47 5.78 -0.02	156.31 4.40 -18.56	188.62 8.11 -27.51	197.53 10.32 11.19	166.53 7.38 12.46	148.70 5.31 8.36	148.49 6.05 8.73	144.22 6.66 7.31	144.02 8.24 6.36	143.14 7.15 7.03	147.01 8.47 7.43	164.77 12.35 0.02	193.68 13.60 -1.20	221.11 15.79 2.47	204.78 16.39 0.01	195.61 14.01 -2.04	180.01 13.60 -11.91	156.82 10.93 -0.22	187.27 7.87 -33.60	139.57 4.97 3.57
GREENBSH_115KV_TB3 55895	138.95 5.34 0.00	133.09 4.87 0.00	130.72 4.79 0.00	130.97 4.79 0.00	130.32 4.65 0.00	138.42 5.07 0.00	194.98 5.66 -36.32	212.12 5.95 -7.77	176.93 5.32 0.00	156.91 5.16 0.00	156.02 4.84 0.00	149.64 4.78 0.00	146.97 4.83 0.00	148.02 5.01 0.00	150.21 4.23 0.00	156.25 3.81 0.00	182.82 3.94 0.00	211.31 3.53 0.00	192.16 3.77 0.00	183.34 3.77 0.00	158.98 4.48 0.00	149.75 4.08 0.00	151.20 5.39 0.00	143.14 4.97 0.00
GREENDGE_115KV_TB5 80291	125.58 -8.02 0.00	120.78 -7.44 0.00	118.50 -7.43 0.00	119.36 -6.81 0.00	118.89 -6.79 0.00	125.62 -7.73 0.00	148.73 -6.58 -2.31	186.99 -10.52 0.90	168.55 -10.12 -7.06	141.51 -10.32 -0.08	140.14 -11.04 0.00	134.14 -10.72 0.00	131.28 -10.80 0.05	132.04 -10.87 0.10	135.25 -10.80 -0.08	164.10 -10.06 -21.72	170.07 -10.55 -1.74	198.07 -10.39 -0.68	179.31 -9.23 -0.14	170.55 -9.16 -0.14	148.16 -6.33 0.00	137.08 -8.59 0.00	136.61 -9.19 0.00	129.74 -8.43 0.00
GREENIDGE___3 23582	125.58 -8.02 0.00	120.78 -7.44 0.00	118.50 -7.43 0.00	119.36 -6.81 0.00	118.89 -6.79 0.00	125.62 -7.73 0.00	148.73 -6.58 -2.31	186.99 -10.52 0.90	168.55 -10.12 -7.06	141.51 -10.32 -0.08	140.14 -11.04 0.00	134.14 -10.72 0.00	131.28 -10.80 0.05	132.04 -10.87 0.10	135.25 -10.80 -0.08	164.10 -10.06 -21.72	170.07 -10.55 -1.74	198.07 -10.39 -0.68	179.31 -9.23 -0.14	170.55 -9.16 -0.14	148.16 -6.33 0.00	137.08 -8.59 0.00	136.61 -9.19 0.00	129.74 -8.43 0.00
GREENIDGE___4 23583	125.59 -8.01 0.00	120.77 -7.44 0.00	118.76 -7.17 0.00	119.36 -6.82 0.00	119.01 -6.66 0.00	125.61 -7.74 0.00	149.34 -5.97 -2.31	187.39 -10.11 0.90	168.71 -9.96 -7.06	141.50 -10.32 -0.08	140.29 -10.89 0.00	134.29 -10.57 0.00	131.42 -10.66 0.05	132.03 -10.87 0.10	135.25 -10.80 -0.08	164.40 -9.76 -21.72	170.24 -10.38 -1.74	198.08 -10.38 -0.68	179.31 -9.23 -0.14	170.19 -9.52 -0.14	148.31 -6.18 0.00	137.22 -8.45 0.00	136.76 -9.04 0.00	129.73 -8.43 0.00
GREENLWN_69_KV_BK 3 55738	129.94 1.74 5.39	129.44 1.79 0.57	128.81 2.90 0.02	127.43 1.26 0.01	128.31 2.64 0.01	128.91 1.87 6.30	159.36 4.59 -1.77	199.66 5.56 4.30	169.64 3.60 5.57	150.89 2.88 3.74	150.75 3.48 3.91	145.94 4.35 3.27	145.26 5.97 2.85	144.73 4.86 3.15	148.34 5.69 3.33	160.66 8.23 0.01	187.15 8.59 0.33	219.67 9.77 -2.12	197.44 9.04 0.00	187.81 8.80 0.56	161.02 9.12 2.59	153.00 7.14 -0.19	141.13 4.52 9.19	138.64 2.07 1.60
GREENWD_138_KV_38B11_REV_LBMP_J 345004	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01
GRISSOM___SOLAR 323813	140.41 6.81 0.00	134.37 6.15 0.00	132.10 6.17 0.00	132.48 6.31 0.00	131.83 6.16 0.00	140.28 6.93 0.00	238.97 9.18 -76.80	226.64 12.10 -16.13	180.01 8.41 0.00	157.20 5.45 0.00	155.71 4.53 0.00	148.91 4.05 0.00	146.26 4.12 0.00	148.02 5.00 0.00	152.10 6.13 0.00	160.66 8.23 0.00	189.62 10.73 0.00	219.83 12.05 0.00	199.70 11.30 0.00	190.52 10.96 0.00	164.08 9.58 0.00	153.82 8.15 0.00	153.09 7.29 0.00	144.93 6.77 0.00
GROVEVILLE___HYD 323602	140.95 7.35 0.00	135.14 6.92 0.00	132.60 6.67 0.00	132.73 6.56 0.00	132.08 6.41 0.00	140.29 6.93 0.00	169.72 9.18 -7.54	210.64 10.91 -1.32	181.04 9.44 0.00	160.40 8.65 0.00	159.50 8.31 0.00	152.98 8.11 0.00	150.24 8.10 0.00	151.31 8.29 0.00	154.15 8.17 0.00	161.43 8.99 0.00	189.44 10.55 0.00	219.83 12.05 0.00	199.89 11.49 0.00	190.52 10.95 0.00	164.85 10.35 0.00	153.54 7.87 0.00	153.09 7.29 0.00	144.52 6.36 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	130.66 -2.94 0.00	125.52 -2.69 0.00	123.29 -2.64 0.00	123.65 -2.52 0.00	123.03 -2.64 0.00	130.42 -2.93 0.00	150.40 -2.60 0.00	193.81 -3.77 0.82	168.52 -3.09 0.00	149.02 -2.73 0.00	148.46 -2.72 0.00	142.26 -2.61 0.00	139.58 -2.56 0.00	140.44 -2.57 -0.01	143.35 -2.63 0.00	149.69 -2.74 0.00	176.03 -2.86 0.00	205.08 -2.70 0.00	185.57 -2.83 0.00	176.69 -2.87 0.00	152.95 -1.54 0.00	143.05 -2.62 0.00	142.88 -2.92 0.00	135.26 -2.90 0.00
HAMLTNNY_34_KV_TB 80303	130.53 -3.07 0.00	125.26 -2.95 0.00	123.03 -2.90 0.00	123.40 -2.78 0.00	122.78 -2.89 0.00	130.15 -3.20 0.00	150.25 -2.75 0.00	193.38 -4.17 0.86	168.17 -3.43 0.00	148.71 -3.03 0.00	148.01 -3.17 0.00	141.97 -2.90 0.00	139.30 -2.84 0.00	140.16 -2.86 -0.01	143.06 -2.92 0.00	149.54 -2.90 0.00	175.85 -3.04 0.00	205.08 -2.70 0.00	185.57 -2.83 0.00	176.51 -3.05 0.00	153.11 -1.39 0.00	143.05 -2.62 0.00	142.74 -3.06 0.00	135.13 -3.04 0.00



HAMPSHIRE___PAPER_HYD 323593	134.80 1.20 0.00	129.88 1.66 0.00	127.82 1.89 0.00	128.07 1.90 0.00	127.30 1.63 0.00	135.08 1.73 0.00	154.08 1.08 0.00	201.77 3.37 0.00	173.83 2.23 0.00	153.27 1.52 0.00	152.85 1.67 0.00	146.16 1.30 0.00	143.56 1.42 0.00	144.02 1.01 0.00	147.14 1.16 0.00	153.65 1.21 0.00	179.79 0.90 0.00	209.43 1.65 0.00	188.77 0.38 0.00	180.11 0.54 0.00	153.42 -1.07 0.00	144.80 -0.87 0.00	146.53 0.73 0.00	140.10 1.93 0.00
HARDSCRABBLE_WT_PWR 323673	140.01 6.41 0.00	134.24 6.03 0.00	131.73 5.80 0.00	132.10 5.93 0.00	131.83 6.16 0.00	140.28 6.93 0.00	161.56 8.56 0.00	209.71 11.30 0.00	181.21 9.60 0.00	160.24 8.49 0.00	159.64 8.46 0.00	152.97 8.11 0.00	150.23 8.10 0.00	151.30 8.29 0.00	154.44 8.46 0.00	161.58 9.15 0.00	189.26 10.37 0.00	219.83 12.05 0.00	199.13 10.73 0.00	189.44 9.87 0.00	163.30 8.80 0.00	153.53 7.86 0.00	153.67 7.87 0.00	145.48 7.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	139.08 5.48 0.00	133.34 5.13 0.00	130.84 4.91 0.00	130.97 4.79 0.00	130.32 4.65 0.00	138.42 5.07 0.00	167.03 7.19 -6.83	208.10 8.53 -1.16	178.99 7.38 0.00	158.58 6.83 0.00	157.68 6.50 0.00	151.24 6.37 0.00	148.68 6.54 0.00	149.59 6.58 0.00	152.40 6.42 0.00	159.76 7.32 0.00	187.30 8.41 0.00	217.34 9.56 0.00	197.44 9.04 0.00	188.19 8.62 0.00	162.68 8.19 0.00	151.64 5.97 0.00	151.20 5.39 0.00	142.72 4.56 0.00
HARSNRAD_115KV_TB1 81005	115.97 -17.64 0.00	110.78 -17.44 0.00	108.80 -17.13 0.00	109.14 -17.03 0.00	108.83 -16.84 0.00	113.08 -20.27 0.00	127.91 -25.09 0.00	161.72 -35.12 1.57	121.96 -30.55 19.10	125.32 -26.40 0.03	125.33 -25.85 0.00	120.24 -24.63 0.00	117.82 -24.31 0.01	118.69 -24.31 0.02	120.55 -25.40 0.03	113.65 -26.52 12.26	144.64 -29.70 4.55	173.91 -32.21 1.67	158.43 -29.77 0.20	150.28 -29.09 0.20	134.57 -19.93 0.00	124.55 -21.12 0.00	124.37 -21.43 0.00	118.41 -19.76 0.00
HARZA MOOSE___RIVER 24016	136.01 2.40 0.00	130.91 2.69 0.00	128.57 2.64 0.00	128.82 2.65 0.00	128.44 2.76 0.00	136.55 3.20 0.00	157.13 4.13 0.00	204.62 6.55 0.34	176.75 5.15 0.00	155.85 4.10 0.00	155.41 4.23 0.00	148.77 3.91 0.00	146.12 3.98 0.00	146.87 3.86 0.00	149.62 3.65 0.00	156.71 4.27 0.00	183.90 5.01 0.00	213.81 6.03 0.00	193.11 4.71 0.00	184.06 4.49 0.00	158.36 3.86 0.00	148.44 2.77 0.00	148.86 3.06 0.00	141.21 3.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	129.59 -4.01 0.00	124.50 -3.72 0.00	122.15 -3.78 0.00	122.51 -3.66 0.00	121.90 -3.77 0.00	129.22 -4.13 0.00	149.02 -3.98 0.00	190.99 -5.75 1.66	166.97 -4.63 0.00	147.65 -4.10 0.00	146.95 -4.23 0.00	140.95 -3.91 0.00	138.30 -3.84 0.00	139.15 -3.86 0.00	141.89 -4.09 0.00	148.32 -4.12 0.00	174.24 -4.65 0.00	202.79 -4.99 0.00	183.69 -4.71 0.00	174.90 -4.67 0.00	151.41 -3.09 0.00	141.74 -3.93 0.00	141.57 -4.23 0.00	134.02 -4.14 0.00
HELLGATE_13_KV_LD 55870	142.29 8.68 -0.01	136.30 8.08 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.63 8.27 -0.01	171.01 10.71 -7.30	213.17 13.49 -1.27	182.98 11.15 -0.22	162.38 10.62 -0.01	161.32 10.13 -0.01	154.84 9.85 -0.12	152.24 10.09 -0.01	153.18 10.15 -0.01	156.06 10.07 -0.01	163.59 11.13 -0.03	191.59 12.52 -0.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.21 12.57 -0.07	166.40 11.90 -0.01	154.86 9.18 -0.01	154.85 9.04 -0.01	146.19 8.01 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	142.29 8.68 -0.01	136.30 8.08 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.63 8.27 -0.01	171.01 10.71 -7.30	213.17 13.49 -1.27	182.98 11.15 -0.22	162.38 10.62 -0.01	161.32 10.13 -0.01	154.84 9.85 -0.12	152.24 10.09 -0.01	153.18 10.15 -0.01	156.06 10.07 -0.01	163.59 11.13 -0.03	191.59 12.52 -0.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.21 12.57 -0.07	166.40 11.90 -0.01	154.86 9.18 -0.01	154.85 9.04 -0.01	146.19 8.01 -0.01
HEMPSTEAD____ 23647	138.28 4.67 0.00	132.82 4.61 0.00	129.96 4.03 0.00	129.95 3.78 0.00	129.69 4.02 0.00	138.15 4.79 0.00	168.25 7.95 -7.30	209.79 10.11 -1.27	179.34 7.73 0.00	158.27 6.52 0.00	159.19 8.01 0.00	154.00 9.13 -0.01	150.96 8.82 -0.01	153.03 10.01 -0.01	154.74 8.76 -0.01	163.57 11.12 -0.01	191.22 12.33 0.00	253.65 13.71 -32.16	201.40 12.99 -0.01	191.42 11.85 0.00	169.02 12.20 -2.32	156.46 9.91 -0.87	152.07 6.27 -0.01	143.14 4.97 -0.01
HICKLING___1 23621	127.05 -6.55 0.00	121.93 -6.28 0.00	119.76 -6.17 0.00	120.37 -5.80 0.00	119.89 -5.78 0.00	126.42 -6.93 0.00	149.05 -6.43 -2.48	186.44 -11.11 0.85	164.02 -10.12 -2.53	141.76 -10.02 -0.03	140.90 -10.28 0.00	135.01 -9.85 0.00	132.16 -9.95 0.03	133.08 -9.87 0.07	136.08 -9.93 -0.03	150.78 -9.45 -7.79	169.14 -10.38 -0.62	197.22 -10.80 -0.24	179.03 -9.42 -0.05	170.46 -9.16 -0.05	148.47 -6.03 0.00	137.66 -8.01 0.00	137.20 -8.60 0.00	130.57 -7.60 0.00
HICKLING___2 23622	127.05 -6.55 0.00	121.93 -6.28 0.00	119.76 -6.17 0.00	120.37 -5.80 0.00	119.89 -5.78 0.00	126.42 -6.93 0.00	149.05 -6.43 -2.48	186.44 -11.11 0.85	164.02 -10.12 -2.53	141.76 -10.02 -0.03	140.90 -10.28 0.00	135.01 -9.85 0.00	132.16 -9.95 0.03	133.08 -9.87 0.07	136.08 -9.93 -0.03	150.78 -9.45 -7.79	169.14 -10.38 -0.62	197.22 -10.80 -0.24	179.03 -9.42 -0.05	170.46 -9.16 -0.05	148.47 -6.03 0.00	137.66 -8.01 0.00	137.20 -8.60 0.00	130.57 -7.60 0.00
HIGH FALLS___HY 23754	140.55 6.95 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.48 6.31 0.00	131.83 6.16 0.00	140.15 6.80 0.00	172.31 9.33 -9.98	211.36 11.11 -1.85	181.22 9.61 0.00	160.25 8.50 0.00	159.04 7.86 0.00	152.40 7.53 0.00	149.67 7.53 0.00	150.74 7.72 0.00	153.86 7.88 0.00	161.43 8.99 0.00	189.98 11.09 0.00	221.08 13.30 0.00	201.02 12.62 0.00	191.42 11.85 0.00	165.46 10.97 0.00	153.68 8.01 0.00	152.80 7.00 0.00	144.11 5.94 0.00
HIGH_RIVER___SOLAR 323847	139.34 5.74 0.00	133.47 5.26 0.00	131.10 5.17 0.00	131.47 5.30 0.00	130.95 5.28 0.00	139.36 6.01 0.00	239.17 7.80 -78.37	224.99 10.11 -16.48	177.77 6.17 0.00	155.69 3.94 0.00	154.36 3.18 0.00	147.76 2.90 0.00	144.98 2.84 0.00	146.44 3.43 0.00	150.79 4.81 0.00	159.14 6.70 0.00	188.18 9.30 0.00	218.16 10.38 0.00	198.00 9.60 0.00	188.90 9.33 0.00	162.83 8.34 0.00	152.52 6.85 0.00	151.92 6.12 0.00	143.83 5.67 0.00
HILLBURN___GT 23639	138.68 5.08 0.00	132.82 4.61 0.00	130.21 4.28 0.00	130.33 4.16 0.00	129.69 4.02 0.00	138.02 4.66 0.00	166.66 6.72 -6.93	207.92 8.33 -1.19	178.64 7.04 0.00	158.42 6.67 0.00	157.68 6.50 0.00	150.95 6.08 0.00	148.38 6.25 0.00	149.45 6.44 0.00	152.25 6.27 0.00	159.45 7.02 0.00	187.12 8.23 0.00	216.71 8.93 0.00	196.88 8.49 0.00	187.28 7.72 0.00	162.52 8.03 0.00	151.50 5.83 0.00	150.90 5.10 0.00	142.31 4.14 0.00
HILLSIDE_115KV_TB1 80332	126.25 -7.35 0.00	121.03 -7.18 0.00	118.88 -7.05 0.00	119.36 -6.81 0.00	118.89 -6.79 0.00	125.48 -7.87 0.00	147.76 -7.80 -2.56	184.88 -12.70 0.82	161.93 -11.67 -2.00	140.54 -11.23 -0.02	139.54 -11.64 0.00	133.71 -11.15 0.00	131.02 -11.09 0.03	131.94 -11.01 0.06	135.05 -10.95 -0.02	148.06 -10.52 -6.14	167.57 -11.81 -0.49	195.30 -12.67 -0.19	177.51 -10.93 -0.04	169.01 -10.59 -0.04	147.08 -7.42 0.00	136.49 -9.18 0.00	136.03 -9.77 0.00	129.32 -8.84 0.00



HISHELDN_WT_PWR 323625	119.31 -14.29 0.00	114.24 -13.97 0.00	112.83 -13.10 0.00	113.05 -13.12 0.00	112.98 -12.69 0.00	117.62 -15.74 0.00	135.41 -17.59 0.00	170.55 -26.39 1.46	141.15 -23.50 6.96	130.42 -21.25 0.08	130.01 -21.17 0.00	124.73 -20.13 0.00	121.79 -20.33 0.01	122.53 -20.45 0.03	124.73 -21.17 0.08	109.71 -21.34 21.39	153.02 -24.15 1.71	181.34 -23.37 0.67	164.89 -22.45 0.14	156.98 -22.45 0.14	138.42 -16.07 0.00	128.33 -17.34 0.00	128.89 -16.91 0.00	122.41 -15.75 0.00
HOLTSVILLE_IC_1 23690	170.41 3.61 -33.21	132.50 3.58 -0.71	129.08 3.02 -0.14	128.98 2.77 -0.04	128.85 3.14 -0.04	180.00 3.73 -42.92	212.11 7.04 -52.07	194.02 8.72 13.10	163.59 6.35 14.37	146.35 4.24 9.64	147.16 6.05 10.07	143.82 7.38 8.43	141.76 6.96 7.34	143.34 8.44 8.11	144.56 7.15 8.57	162.63 10.21 0.02	193.16 11.62 -2.65	212.77 12.26 7.27	200.62 12.24 0.01	195.22 11.14 -4.51	191.67 11.74 -25.44	155.42 9.61 -0.13	225.61 5.40 -74.42	138.05 4.01 4.12
HOLTSVILLE_IC_10 23699	169.92 4.40 -31.92	133.24 4.36 -0.67	129.84 3.77 -0.13	129.74 3.53 -0.04	129.61 3.90 -0.04	179.16 4.54 -41.27	211.49 8.10 -50.38	195.77 10.11 12.75	165.13 7.54 14.02	147.34 5.00 9.41	148.16 6.81 9.83	144.75 8.11 8.22	142.64 7.67 7.16	144.40 9.29 7.91	145.64 8.02 8.36	163.86 11.44 0.02	194.49 13.05 -2.55	215.46 13.92 6.24	202.33 13.94 0.01	196.66 12.75 -4.34	192.17 13.12 -24.55	156.45 10.63 -0.15	223.82 6.41 -71.61	138.98 4.83 4.02
HOLTSVILLE_IC_2 23691	170.41 3.61 -33.21	132.50 3.58 -0.71	129.08 3.02 -0.14	128.98 2.77 -0.04	128.85 3.14 -0.04	180.00 3.73 -42.92	212.11 7.04 -52.07	194.02 8.72 13.10	163.59 6.35 14.37	146.35 4.24 9.64	147.16 6.05 10.07	143.82 7.38 8.43	141.76 6.96 7.34	143.34 8.44 8.11	144.56 7.15 8.57	162.63 10.21 0.02	193.16 11.62 -2.65	212.77 12.26 7.27	200.62 12.24 0.01	195.22 11.14 -4.51	191.67 11.74 -25.44	155.42 9.61 -0.13	225.61 5.40 -74.42	138.05 4.01 4.12
HOLTSVILLE_IC_3 23692	170.41 3.61 -33.21	132.50 3.58 -0.71	129.08 3.02 -0.14	128.98 2.77 -0.04	128.85 3.14 -0.04	180.00 3.73 -42.92	212.11 7.04 -52.07	194.02 8.72 13.10	163.59 6.35 14.37	146.35 4.24 9.64	147.16 6.05 10.07	143.82 7.38 8.43	141.76 6.96 7.34	143.34 8.44 8.11	144.56 7.15 8.57	162.63 10.21 0.02	193.16 11.62 -2.65	212.77 12.26 7.27	200.62 12.24 0.01	195.22 11.14 -4.51	191.67 11.74 -25.44	155.42 9.61 -0.13	225.61 5.40 -74.42	138.05 4.01 4.12
HOLTSVILLE_IC_4 23693	170.41 3.61 -33.21	132.50 3.58 -0.71	129.08 3.02 -0.14	128.98 2.77 -0.04	128.85 3.14 -0.04	180.00 3.73 -42.92	212.11 7.04 -52.07	194.02 8.72 13.10	163.59 6.35 14.37	146.35 4.24 9.64	147.16 6.05 10.07	143.82 7.38 8.43	141.76 6.96 7.34	143.34 8.44 8.11	144.56 7.15 8.57	162.63 10.21 0.02	193.16 11.62 -2.65	212.77 12.26 7.27	200.62 12.24 0.01	195.22 11.14 -4.51	191.67 11.74 -25.44	155.42 9.61 -0.13	225.61 5.40 -74.42	138.05 4.01 4.12
HOLTSVILLE_IC_5 23694	170.41 3.61 -33.21	132.50 3.58 -0.71	129.08 3.02 -0.14	128.98 2.77 -0.04	128.85 3.14 -0.04	180.00 3.73 -42.92	212.11 7.04 -52.07	194.02 8.72 13.10	163.59 6.35 14.37	146.35 4.24 9.64	147.16 6.05 10.07	143.82 7.38 8.43	141.76 6.96 7.34	143.34 8.44 8.11	144.56 7.15 8.57	162.63 10.21 0.02	193.16 11.62 -2.65	212.77 12.26 7.27	200.62 12.24 0.01	195.22 11.14 -4.51	191.67 11.74 -25.44	155.42 9.61 -0.13	225.61 5.40 -74.42	138.05 4.01 4.12
HOLTSVILLE_IC_6 23695	169.92 4.40 -31.92	133.24 4.36 -0.67	129.84 3.77 -0.13	129.74 3.53 -0.04	129.61 3.90 -0.04	179.16 4.54 -41.27	211.49 8.10 -50.38	195.77 10.11 12.75	165.13 7.54 14.02	147.34 5.00 9.41	148.16 6.81 9.83	144.75 8.11 8.22	142.64 7.67 7.16	144.40 9.29 7.91	145.64 8.02 8.36	163.86 11.44 0.02	194.49 13.05 -2.55	215.46 13.92 6.24	202.33 13.94 0.01	196.66 12.75 -4.34	192.17 13.12 -24.55	156.45 10.63 -0.15	223.82 6.41 -71.61	138.98 4.83 4.02
HOLTSVILLE_IC_7 23696	169.92 4.40 -31.92	133.24 4.36 -0.67	129.84 3.77 -0.13	129.74 3.53 -0.04	129.61 3.90 -0.04	179.16 4.54 -41.27	211.49 8.10 -50.38	195.77 10.11 12.75	165.13 7.54 14.02	147.34 5.00 9.41	148.16 6.81 9.83	144.75 8.11 8.22	142.64 7.67 7.16	144.40 9.29 7.91	145.64 8.02 8.36	163.86 11.44 0.02	194.49 13.05 -2.55	215.46 13.92 6.24	202.33 13.94 0.01	196.66 12.75 -4.34	192.17 13.12 -24.55	156.45 10.63 -0.15	223.82 6.41 -71.61	138.98 4.83 4.02
HOLTSVILLE_IC_8 23697	169.92 4.40 -31.92	133.24 4.36 -0.67	129.84 3.77 -0.13	129.74 3.53 -0.04	129.61 3.90 -0.04	179.16 4.54 -41.27	211.49 8.10 -50.38	195.77 10.11 12.75	165.13 7.54 14.02	147.34 5.00 9.41	148.16 6.81 9.83	144.75 8.11 8.22	142.64 7.67 7.16	144.40 9.29 7.91	145.64 8.02 8.36	163.86 11.44 0.02	194.49 13.05 -2.55	215.46 13.92 6.24	202.33 13.94 0.01	196.66 12.75 -4.34	192.17 13.12 -24.55	156.45 10.63 -0.15	223.82 6.41 -71.61	138.98 4.83 4.02
HOLTSVILLE_IC_9 23698	169.92 4.40 -31.92	133.24 4.36 -0.67	129.84 3.77 -0.13	129.74 3.53 -0.04	129.61 3.90 -0.04	179.16 4.54 -41.27	211.49 8.10 -50.38	195.77 10.11 12.75	165.13 7.54 14.02	147.34 5.00 9.41	148.16 6.81 9.83	144.75 8.11 8.22	142.64 7.67 7.16	144.40 9.29 7.91	145.64 8.02 8.36	163.86 11.44 0.02	194.49 13.05 -2.55	215.46 13.92 6.24	202.33 13.94 0.01	196.66 12.75 -4.34	192.17 13.12 -24.55	156.45 10.63 -0.15	223.82 6.41 -71.61	138.98 4.83 4.02
HOMER_HL_115KV_TB2 355744	123.18 -10.42 0.00	117.83 -10.39 0.00	115.73 -10.20 0.00	116.20 -9.97 0.00	116.00 -9.68 0.00	121.48 -11.87 0.00	140.30 -12.70 0.00	175.92 -21.03 1.45	153.76 -15.62 2.23	136.25 -15.48 0.03	134.85 -16.33 0.00	129.22 -15.65 0.00	126.49 -15.64 0.01	127.83 -15.16 0.02	131.50 -14.45 0.03	132.94 -12.65 6.84	164.39 -13.95 0.55	191.98 -15.58 0.21	176.11 -12.25 0.04	167.67 -11.85 0.04	144.61 -9.89 0.00	133.58 -12.09 0.00	132.53 -13.27 0.00	126.56 -11.61 0.00
HOWARD_WT_PWR 323690	121.44 -12.16 0.00	116.80 -11.41 0.00	115.61 -10.32 0.00	116.33 -9.84 0.00	116.37 -9.30 0.00	122.15 -11.20 0.00	144.36 -10.71 -2.08	180.77 -16.67 0.97	165.78 -17.67 -11.85	135.03 -16.85 -0.13	134.25 -16.93 0.00	128.35 -16.52 0.00	125.32 -16.77 0.04	125.91 -17.02 0.08	128.88 -17.23 -0.13	171.95 -16.93 -36.43	163.02 -18.78 -2.91	188.77 -20.15 -1.14	170.36 -18.27 -0.24	162.03 -17.78 -0.24	141.99 -12.51 0.00	131.40 -14.27 0.00	131.66 -14.14 0.00	125.32 -12.85 0.00
HQ_GEN_CEDARS 23644	135.74 2.14 0.00	130.39 2.18 0.00	128.45 2.52 0.00	128.69 2.52 0.00	127.94 2.26 0.00	135.89 2.53 0.00	153.92 0.92 0.00	202.37 3.97 0.00	174.52 2.92 0.00	154.02 2.28 0.00	152.84 1.66 0.00	146.17 1.30 0.00	143.13 0.99 0.00	143.87 0.86 0.00	147.29 1.31 0.00	153.66 1.22 0.00	181.57 2.68 0.00	211.31 3.53 0.00	191.22 2.83 0.00	182.08 2.51 0.00	154.03 -0.46 0.00	146.55 0.87 0.00	147.26 1.46 0.00	141.21 3.04 0.00
HQ_GEN_CEDARS_PROXY 323590	135.73 2.13 0.00	130.39 2.18 0.00	128.45 2.52 0.00	128.69 2.52 0.00	127.94 2.26 0.00	135.88 2.53 0.00	153.46 0.46 0.00	201.77 3.37 0.00	174.01 2.40 0.00	153.58 1.83 0.00	152.38 1.20 0.00	145.88 1.02 0.00	143.41 1.28 0.00	143.59 0.57 0.00	147.00 1.03 0.00	153.31 0.92 0.05	181.09 2.15 -0.05	210.69 2.91 0.00	190.28 1.88 0.00	181.55 1.98 0.00	153.57 -0.92 0.00	151.01 0.44 -4.90	142.06 1.16 4.90	141.20 3.04 0.00



HQ_GEN_IMPORT 323601	134.14 0.54 0.00	128.86 0.64 0.00	126.56 0.63 0.00	126.81 0.63 0.00	126.43 0.76 0.00	134.16 0.80 0.00	153.00 0.00 0.00	199.20 0.80 0.00	172.30 0.69 0.00	152.21 0.46 0.00	151.79 0.61 0.00	145.45 0.58 0.00	142.56 0.43 0.00	143.30 0.29 0.00	146.56 0.59 0.00	153.00 0.61 0.05	179.66 0.72 -0.05	208.61 0.83 0.00	188.96 0.57 0.00	181.02 0.72 -0.73	153.00 -0.77 0.73	151.01 0.44 -4.90	141.64 0.73 4.90	139.27 1.10 0.00
HQ_GEN_WHEEL 23651	134.14 0.54 0.00	128.86 0.64 0.00	126.56 0.63 0.00	126.81 0.63 0.00	126.43 0.76 0.00	134.16 0.80 0.00	153.00 0.00 0.00	199.20 0.80 0.00	172.30 0.69 0.00	152.21 0.46 0.00	151.79 0.61 0.00	145.45 0.58 0.00	142.56 0.43 0.00	143.30 0.29 0.00	146.56 0.59 0.00	153.00 0.61 0.05	179.66 0.72 -0.05	208.61 0.83 0.00	188.96 0.57 0.00	181.02 0.72 -0.73	153.00 -0.77 0.73	151.01 0.44 -4.90	141.64 0.73 4.90	139.27 1.10 0.00
HUDSON AVE_GT_3 23810	141.22 7.62 0.00	135.27 7.05 0.00	132.60 6.67 0.00	132.61 6.43 0.00	131.96 6.28 0.00	140.55 7.20 0.00	169.63 9.33 -7.30	211.78 12.10 -1.27	181.56 9.95 0.00	161.16 9.41 0.00	160.25 9.07 0.00	153.56 8.69 0.00	151.09 8.95 0.00	152.02 9.01 0.00	154.88 8.90 0.00	162.35 9.91 0.00	189.98 11.09 0.00	219.83 12.05 0.00	199.70 11.30 0.00	190.52 10.95 0.00	164.85 10.35 0.00	153.54 7.87 0.00	153.53 7.73 0.00	145.07 6.91 0.00
HUDSON AVE_GT_4 23540	141.22 7.62 0.00	135.27 7.05 0.00	132.60 6.67 0.00	132.61 6.43 0.00	131.96 6.28 0.00	140.55 7.20 0.00	169.63 9.33 -7.30	211.78 12.10 -1.27	181.56 9.95 0.00	161.16 9.41 0.00	160.25 9.07 0.00	153.56 8.69 0.00	151.09 8.95 0.00	152.02 9.01 0.00	154.88 8.90 0.00	162.35 9.91 0.00	189.98 11.09 0.00	219.83 12.05 0.00	199.70 11.30 0.00	190.52 10.95 0.00	164.85 10.35 0.00	153.54 7.87 0.00	153.53 7.73 0.00	145.07 6.91 0.00
HUDSON AVE_GT_5 23657	141.22 7.62 0.00	135.27 7.05 0.00	132.60 6.67 0.00	132.61 6.43 0.00	131.96 6.28 0.00	140.55 7.20 0.00	169.63 9.33 -7.30	211.78 12.10 -1.27	181.56 9.95 0.00	161.16 9.41 0.00	160.25 9.07 0.00	153.56 8.69 0.00	151.09 8.95 0.00	152.02 9.01 0.00	154.88 8.90 0.00	162.35 9.91 0.00	189.98 11.09 0.00	219.83 12.05 0.00	199.70 11.30 0.00	190.52 10.95 0.00	164.85 10.35 0.00	153.54 7.87 0.00	153.53 7.73 0.00	145.07 6.91 0.00
HUDSON_AVE_10 24168	140.95 7.35 0.00	134.88 6.67 0.00	132.35 6.42 0.00	132.35 6.18 0.00	131.71 6.03 0.00	140.29 6.93 0.00	169.32 9.03 -7.30	211.38 11.71 -1.27	181.39 9.78 0.00	161.01 9.26 0.00	159.95 8.77 0.00	153.27 8.40 0.00	150.81 8.67 0.00	151.74 8.72 0.00	154.59 8.61 0.00	162.04 9.60 0.00	189.62 10.73 0.00	219.42 11.64 0.00	199.32 10.93 0.00	190.34 10.77 0.00	164.69 10.20 0.00	153.25 7.57 0.00	153.38 7.58 0.00	144.80 6.63 0.00
HUDSON___115KV_TB 4 355613	141.35 7.75 0.00	135.52 7.31 0.00	133.11 7.18 0.00	133.36 7.19 0.00	132.71 7.04 0.00	140.95 7.60 0.00	191.05 8.41 -29.63	214.26 9.52 -6.34	180.36 8.75 0.00	159.18 7.44 0.00	157.83 6.65 0.00	151.38 6.52 0.00	148.53 6.40 0.00	149.74 6.72 0.00	152.25 6.28 0.00	159.15 6.71 0.00	187.12 8.23 0.00	216.92 9.14 0.00	197.25 8.85 0.00	188.19 8.62 0.00	162.68 8.19 0.00	152.66 6.99 0.00	153.67 7.87 0.00	145.49 7.32 0.00
HUNTER MOUNT___DRP 323613	142.29 8.68 0.00	136.42 8.21 0.00	133.99 8.06 0.00	134.37 8.20 0.00	133.59 7.92 0.00	142.02 8.67 0.00	187.71 9.18 -25.53	213.94 10.32 -5.22	181.73 10.12 0.00	160.09 8.35 0.00	158.74 7.56 0.00	152.11 7.24 0.00	149.24 7.11 0.00	150.45 7.44 0.00	152.98 7.01 0.00	160.06 7.62 0.00	188.55 9.66 0.00	218.79 11.01 0.00	199.13 10.74 0.00	189.62 10.06 0.00	163.92 9.42 0.00	153.68 8.01 0.00	154.55 8.75 0.00	146.32 8.15 0.00
HUNTINGTON_RES_REC 323705	118.40 2.81 18.01	129.19 2.70 1.72	128.01 2.14 0.06	128.05 1.90 0.02	127.92 2.26 0.02	114.84 2.80 21.32	147.12 5.96 11.84	191.52 7.35 14.23	161.25 5.14 15.50	144.98 3.64 10.40	145.75 5.43 10.87	142.58 6.81 9.09	140.62 6.40 7.92	142.13 7.86 8.74	143.31 6.57 9.24	161.87 9.45 0.02	194.26 10.55 -4.82	211.99 11.63 7.42	200.07 11.68 0.01	198.17 10.41 -8.20	211.46 10.97 -45.99	154.57 8.74 -0.16	118.51 4.52 31.81	136.76 3.04 4.45
HUNTLEY___63 23557	117.57 -16.03 0.00	112.31 -15.90 0.00	110.31 -15.62 0.00	110.65 -15.52 0.00	110.47 -15.21 0.00	114.55 -18.80 0.00	129.74 -23.26 0.00	163.99 -32.93 1.48	142.08 -28.32 1.21	127.14 -24.58 0.03	126.99 -24.19 0.00	121.83 -23.03 0.00	119.39 -22.74 0.01	120.40 -22.60 0.02	122.30 -23.65 0.03	121.40 -23.93 7.11	151.03 -27.55 0.31	177.94 -29.71 0.13	161.04 -27.32 0.04	152.77 -26.76 0.04	136.27 -18.23 0.00	126.15 -19.52 0.00	125.83 -19.97 0.00	119.93 -18.24 0.00
HUNTLEY___64 23558	117.57 -16.03 0.00	112.31 -15.90 0.00	110.31 -15.62 0.00	110.65 -15.52 0.00	110.47 -15.21 0.00	114.55 -18.80 0.00	129.74 -23.26 0.00	163.99 -32.93 1.48	142.08 -28.32 1.21	127.14 -24.58 0.03	126.99 -24.19 0.00	121.83 -23.03 0.00	119.39 -22.74 0.01	120.40 -22.60 0.02	122.30 -23.65 0.03	121.40 -23.93 7.11	151.03 -27.55 0.31	177.94 -29.71 0.13	161.04 -27.32 0.04	152.77 -26.76 0.04	136.27 -18.23 0.00	126.15 -19.52 0.00	125.83 -19.97 0.00	119.93 -18.24 0.00
HUNTLEY___65 23559	117.57 -16.03 0.00	112.31 -15.90 0.00	110.31 -15.62 0.00	110.65 -15.52 0.00	110.47 -15.21 0.00	114.55 -18.80 0.00	129.74 -23.26 0.00	163.99 -32.93 1.48	142.08 -28.32 1.21	127.14 -24.58 0.03	126.99 -24.19 0.00	121.83 -23.03 0.00	119.39 -22.74 0.01	120.40 -22.60 0.02	122.30 -23.65 0.03	121.40 -23.93 7.11	151.03 -27.55 0.31	177.94 -29.71 0.13	161.04 -27.32 0.04	152.77 -26.76 0.04	136.27 -18.23 0.00	126.15 -19.52 0.00	125.83 -19.97 0.00	119.93 -18.24 0.00
HUNTLEY___66 23560	117.57 -16.03 0.00	112.31 -15.90 0.00	110.31 -15.62 0.00	110.65 -15.52 0.00	110.47 -15.21 0.00	114.55 -18.80 0.00	129.74 -23.26 0.00	163.99 -32.93 1.48	142.08 -28.32 1.21	127.14 -24.58 0.03	126.99 -24.19 0.00	121.83 -23.03 0.00	119.39 -22.74 0.01	120.40 -22.60 0.02	122.30 -23.65 0.03	121.40 -23.93 7.11	151.03 -27.55 0.31	177.94 -29.71 0.13	161.04 -27.32 0.04	152.77 -26.76 0.04	136.27 -18.23 0.00	126.15 -19.52 0.00	125.83 -19.97 0.00	119.93 -18.24 0.00
HUNTLEY___67 23561	118.24 -15.36 0.00	112.96 -15.26 0.00	110.94 -14.99 0.00	111.41 -14.76 0.00	111.10 -14.58 0.00	115.48 -17.87 0.00	130.81 -22.19 0.00	165.57 -31.35 1.49	141.26 -27.11 3.23	128.04 -23.67 0.03	127.90 -23.28 0.00	122.55 -22.31 0.00	120.24 -21.89 0.01	121.12 -21.88 0.02	123.17 -22.77 0.03	120.13 -23.48 8.84	151.80 -26.30 0.79	179.01 -28.47 0.31	162.15 -26.19 0.06	154.01 -25.50 0.06	137.19 -17.30 0.00	127.03 -18.65 0.00	126.85 -18.95 0.00	120.62 -17.55 0.00
HUNTLEY___68 23562	118.24 -15.36 0.00	112.96 -15.26 0.00	110.94 -14.99 0.00	111.41 -14.76 0.00	111.10 -14.58 0.00	115.48 -17.87 0.00	130.81 -22.19 0.00	165.57 -31.35 1.49	141.26 -27.11 3.23	128.04 -23.67 0.03	127.90 -23.28 0.00	122.55 -22.31 0.00	120.24 -21.89 0.01	121.12 -21.88 0.02	123.17 -22.77 0.03	120.13 -23.48 8.84	151.80 -26.30 0.79	179.01 -28.47 0.31	162.15 -26.19 0.06	154.01 -25.50 0.06	137.19 -17.30 0.00	127.03 -18.65 0.00	126.85 -18.95 0.00	120.62 -17.55 0.00



HYLAND___LFGE 323620	118.24 -15.36 0.00	113.34 -14.87 0.00	111.95 -13.98 0.00	112.29 -13.88 0.00	111.72 -13.95 0.00	117.89 -15.47 0.00	137.24 -15.76 0.00	174.93 -22.03 1.45	159.20 -22.82 -10.42	131.68 -20.18 -0.12	130.17 -21.01 0.00	124.29 -20.57 0.00	121.65 -20.47 0.02	122.38 -20.59 0.04	125.66 -20.44 -0.12	162.83 -21.65 -32.03	159.62 -21.83 -2.56	187.59 -21.20 -1.01	167.69 -20.92 -0.21	160.57 -19.21 -0.21	140.90 -13.60 0.00	129.80 -15.87 0.00	129.47 -16.33 0.00	122.55 -15.61 0.00
INDECK___CORINTH 23802	143.49 9.89 0.00	137.19 8.97 0.00	134.87 8.94 0.00	135.38 9.21 0.00	134.60 8.92 0.00	143.08 9.73 0.00	243.65 11.94 -78.71	230.90 15.67 -16.83	184.64 13.04 0.00	162.68 10.93 0.00	161.60 10.42 0.00	154.72 9.86 0.00	151.94 9.80 0.00	153.02 10.01 0.00	156.19 10.21 0.00	163.26 10.82 0.00	192.31 13.42 0.00	222.53 14.75 0.00	202.14 13.75 0.00	192.86 13.29 0.00	166.23 11.74 0.00	156.30 10.63 0.00	155.85 10.05 0.00	147.69 9.53 0.00
INDECK___ILION 23567	137.61 4.01 0.00	132.06 3.85 0.00	129.58 3.65 0.00	129.83 3.66 0.00	129.57 3.90 0.00	137.62 4.27 0.00	158.20 5.20 0.00	205.35 6.94 0.00	177.44 5.83 0.00	156.91 5.16 0.00	156.32 5.14 0.00	149.79 4.93 0.00	147.11 4.97 0.00	148.16 5.15 0.00	151.08 5.11 0.00	157.93 5.49 0.00	185.15 6.26 0.00	215.05 7.27 0.00	194.80 6.41 0.00	185.67 6.11 0.00	160.06 5.56 0.00	150.48 4.81 0.00	150.47 4.67 0.00	142.59 4.42 0.00
INDECK___OLEAN 23982	123.18 -10.42 0.00	117.83 -10.38 0.00	116.24 -9.69 0.00	116.33 -9.84 0.00	116.37 -9.30 0.00	121.48 -11.87 0.00	141.22 -11.78 0.00	176.71 -20.24 1.45	153.77 -15.61 2.23	135.63 -16.09 0.03	135.01 -16.17 0.00	129.22 -15.65 0.00	126.64 -15.49 0.01	127.69 -15.30 0.02	131.50 -14.45 0.03	133.25 -12.34 6.84	164.57 -13.77 0.55	190.53 -17.03 0.21	174.22 -14.13 0.04	164.26 -15.26 0.04	144.77 -9.73 0.00	133.58 -12.09 0.00	132.82 -12.98 0.00	126.56 -11.61 0.00
INDECK___OSWEGO 23783	127.59 -6.01 0.00	122.57 -5.64 0.00	120.27 -5.66 0.00	120.62 -5.55 0.00	120.02 -5.65 0.00	127.22 -6.13 0.00	146.72 -6.28 0.00	191.05 -8.73 -1.38	164.23 -7.37 0.00	145.38 -6.37 0.00	144.68 -6.50 0.00	138.78 -6.08 0.00	136.17 -5.96 0.00	137.01 -6.00 0.00	139.70 -6.27 0.00	146.04 -6.40 0.00	171.38 -7.51 0.00	199.46 -8.32 0.00	180.66 -7.73 0.00	172.20 -7.37 0.00	148.94 -5.56 0.00	139.56 -6.11 0.00	139.54 -6.27 0.00	131.95 -6.21 0.00
INDECK___YERKES 23781	117.57 -16.04 0.00	112.31 -15.90 0.00	111.07 -14.86 0.00	111.03 -15.14 0.00	110.97 -14.70 0.00	114.42 -18.94 0.00	131.12 -21.88 0.00	164.98 -31.94 1.48	142.08 -28.31 1.21	127.59 -24.13 0.03	126.99 -24.19 0.00	121.68 -23.18 0.00	119.24 -22.88 0.01	120.41 -22.59 0.02	122.30 -23.65 0.03	121.25 -24.08 7.11	150.86 -27.72 0.31	178.78 -28.88 0.13	162.18 -26.18 0.04	154.39 -25.14 0.04	136.11 -18.39 0.00	126.00 -19.67 0.00	126.41 -19.39 0.00	119.79 -18.38 0.00
INDIAN POINT_GT_1 24139	139.21 5.61 0.00	133.47 5.26 0.00	130.84 4.91 0.00	130.97 4.79 0.00	130.32 4.65 0.00	138.55 5.20 0.00	167.41 7.19 -7.22	208.59 8.93 -1.25	178.99 7.38 0.00	158.73 6.98 0.00	157.83 6.65 0.00	151.38 6.52 0.00	148.82 6.68 0.00	149.74 6.72 0.00	152.54 6.57 0.00	159.91 7.47 0.00	187.30 8.41 0.00	217.13 9.35 0.00	197.06 8.67 0.00	188.01 8.44 0.00	162.68 8.19 0.00	151.79 6.12 0.00	151.49 5.69 0.00	143.00 4.84 0.00
INDIAN POINT_GT_2 23659	139.21 5.61 0.00	133.47 5.26 0.00	130.84 4.91 0.00	130.97 4.79 0.00	130.32 4.65 0.00	138.55 5.20 0.00	167.41 7.19 -7.22	208.59 8.93 -1.25	178.99 7.38 0.00	158.73 6.98 0.00	157.83 6.65 0.00	151.38 6.52 0.00	148.82 6.68 0.00	149.74 6.72 0.00	152.54 6.57 0.00	159.91 7.47 0.00	187.30 8.41 0.00	217.13 9.35 0.00	197.06 8.67 0.00	188.01 8.44 0.00	162.68 8.19 0.00	151.79 6.12 0.00	151.49 5.69 0.00	143.00 4.84 0.00
INDIAN POINT_GT_3 24019	139.21 5.61 0.00	133.47 5.26 0.00	130.84 4.91 0.00	130.97 4.79 0.00	130.32 4.65 0.00	138.55 5.20 0.00	167.41 7.19 -7.22	208.59 8.93 -1.25	178.99 7.38 0.00	158.73 6.98 0.00	157.83 6.65 0.00	151.38 6.52 0.00	148.82 6.68 0.00	149.74 6.72 0.00	152.54 6.57 0.00	159.91 7.47 0.00	187.30 8.41 0.00	217.13 9.35 0.00	197.06 8.67 0.00	188.01 8.44 0.00	162.68 8.19 0.00	151.79 6.12 0.00	151.49 5.69 0.00	143.00 4.84 0.00
INDIAN POINT___2 23530	138.95 5.35 0.00	133.21 5.00 0.00	130.46 4.53 0.00	130.59 4.41 0.00	129.95 4.28 0.00	138.29 4.94 0.00	167.15 7.04 -7.11	208.35 8.72 -1.23	178.81 7.21 0.00	158.58 6.83 0.00	157.83 6.64 0.00	151.23 6.37 0.00	148.54 6.40 0.00	149.60 6.58 0.00	152.39 6.42 0.00	159.61 7.17 0.00	187.30 8.41 0.00	216.91 9.13 0.00	197.07 8.67 0.00	187.66 8.09 0.00	162.68 8.18 0.00	151.79 6.12 0.00	151.20 5.40 0.00	142.72 4.55 0.00
INDIAN POINT___3 23531	138.95 5.34 0.00	133.21 5.00 0.00	130.59 4.66 0.00	130.71 4.54 0.00	130.07 4.40 0.00	138.29 4.93 0.00	166.96 6.73 -7.23	207.99 8.33 -1.25	178.64 7.04 0.00	158.27 6.53 0.00	157.53 6.35 0.00	150.95 6.08 0.00	148.39 6.25 0.00	149.45 6.44 0.00	152.25 6.28 0.00	159.45 7.01 0.00	186.76 7.87 0.00	216.51 8.73 0.00	196.50 8.10 0.00	187.47 7.90 0.00	162.22 7.72 0.00	151.35 5.68 0.00	151.05 5.25 0.00	142.72 4.56 0.00
INGHAM_C_115KV_TB7 356103	142.29 8.68 0.00	136.42 8.21 0.00	133.86 7.93 0.00	134.25 8.07 0.00	133.97 8.29 0.00	142.42 9.07 0.00	164.02 11.02 0.00	212.89 14.48 0.00	183.96 12.36 0.00	162.52 10.77 0.00	161.91 10.73 0.00	155.15 10.29 0.00	152.37 10.23 0.00	153.60 10.58 0.00	156.78 10.80 0.00	164.02 11.59 0.00	191.95 13.06 0.00	222.95 15.17 0.00	201.96 13.56 0.00	192.32 12.75 0.00	165.77 11.28 0.00	155.87 10.20 0.00	156.01 10.21 0.00	147.84 9.67 0.00
IP CORINTH___1 23988	143.49 9.89 0.00	137.19 8.97 0.00	134.87 8.94 0.00	135.38 9.21 0.00	134.72 9.05 0.00	143.09 9.73 0.00	243.49 11.78 -78.71	230.71 15.48 -16.83	184.48 12.87 0.00	162.52 10.77 0.00	161.46 10.28 0.00	154.71 9.85 0.00	151.94 9.81 0.00	152.88 9.87 0.00	156.19 10.22 0.00	163.26 10.82 0.00	192.13 13.24 0.00	222.53 14.75 0.00	201.96 13.56 0.00	192.86 13.29 0.00	166.08 11.59 0.00	156.01 10.34 0.00	155.86 10.06 0.00	147.70 9.53 0.00
IP___TICONDEROGA 23804	146.56 12.96 0.00	140.01 11.80 0.00	137.89 11.96 0.00	138.54 12.36 0.00	137.74 12.06 0.00	146.42 13.07 0.00	246.64 15.91 -77.73	236.65 21.63 -16.62	189.11 17.50 0.00	166.01 14.26 0.00	164.33 13.15 0.00	157.47 12.60 0.00	154.50 12.37 0.00	155.74 12.73 0.00	159.40 13.43 0.00	167.38 14.94 0.00	197.85 18.96 0.00	228.97 21.19 0.00	207.61 19.22 0.00	198.60 19.03 0.00	170.41 15.91 0.00	159.66 13.98 0.00	159.07 13.27 0.00	151.01 12.85 0.00
ISLIP_RES_REC 323679	166.85 5.08 -28.17	133.60 4.87 -0.51	130.33 4.28 -0.12	130.36 4.16 -0.03	130.22 4.52 -0.03	175.09 5.20 -36.54	207.64 9.02 -45.62	197.28 11.30 12.42	166.32 8.41 13.69	148.32 5.76 9.19	149.29 7.71 9.60	145.82 8.98 8.03	143.53 8.38 7.00	145.30 10.01 7.72	146.71 8.91 8.17	164.76 12.34 0.02	195.48 14.32 -2.27	217.92 15.59 5.45	203.64 15.25 0.01	197.44 14.02 -3.86	190.47 14.06 -21.92	157.34 11.51 -0.17	216.64 7.14 -63.69	139.62 5.38 3.93



JAMAICA__27_KV_LOAD 355505	142.15 8.55 0.00	136.03 7.82 0.00	133.36 7.43 0.00	133.36 7.19 0.00	132.71 7.04 0.00	141.62 8.27 0.00	171.16 10.86 -7.30	213.17 13.49 -1.27	183.46 11.84 -0.02	162.84 11.08 -0.01	161.16 9.98 0.00	154.42 9.56 0.00	151.94 9.81 0.00	153.02 10.01 0.00	155.76 9.78 0.00	163.57 11.13 0.00	191.77 12.88 0.00	221.08 13.30 0.00	201.02 12.62 0.00	192.68 13.11 0.00	166.70 12.21 0.00	154.85 9.18 0.00	155.28 9.48 0.00	145.90 7.74 0.00
JANIS__SOLAR 323808	136.80 3.20 0.00	131.68 3.46 0.00	129.33 3.40 0.00	129.83 3.66 0.00	129.32 3.65 0.00	137.35 4.00 0.00	163.94 7.19 -3.75	206.46 8.53 0.47	179.53 6.87 -1.05	156.76 5.00 -0.01	155.57 4.39 0.00	148.62 3.76 0.00	145.57 3.41 -0.03	146.66 3.58 -0.06	149.93 3.94 -0.01	161.31 5.64 -3.23	187.20 8.06 -0.26	218.89 11.00 -0.10	197.83 9.42 -0.02	188.21 8.62 -0.02	162.99 8.49 0.00	151.06 5.39 0.00	150.33 4.52 0.00	141.90 3.73 0.00
JARVIS____ 23743	134.27 0.67 0.00	128.86 0.64 0.00	126.56 0.63 0.00	126.81 0.63 0.00	126.30 0.63 0.00	134.02 0.67 0.00	154.08 1.08 0.00	199.60 1.20 0.00	172.64 1.04 0.00	152.66 0.92 0.00	152.09 0.91 0.00	145.74 0.87 0.00	142.99 0.86 0.00	144.02 1.01 0.00	146.86 0.88 0.00	153.36 0.92 0.00	179.79 0.90 0.00	208.61 0.83 0.00	189.15 0.76 0.00	180.29 0.72 0.00	155.58 1.09 0.00	146.40 0.73 0.00	146.53 0.73 0.00	138.72 0.55 0.00
JENNISON____1 23625	137.34 3.74 0.00	132.06 3.85 0.00	129.58 3.65 0.00	129.96 3.79 0.00	129.57 3.90 0.00	137.89 4.53 0.00	166.05 7.04 -6.01	205.74 7.14 -0.19	178.75 6.52 -0.62	156.92 5.16 -0.01	156.02 4.84 0.00	149.35 4.49 0.00	146.55 4.41 -0.01	147.60 4.58 -0.01	151.09 5.11 -0.01	160.59 6.25 -1.90	187.27 8.23 -0.15	218.44 10.60 -0.06	197.45 9.04 -0.01	188.38 8.80 -0.01	163.15 8.65 0.00	151.06 5.39 0.00	150.17 4.37 0.00	142.03 3.87 0.00
JENNISON____2 23626	137.34 3.74 0.00	132.06 3.85 0.00	129.58 3.65 0.00	129.96 3.79 0.00	129.57 3.90 0.00	137.89 4.53 0.00	166.05 7.04 -6.01	205.74 7.14 -0.19	178.75 6.52 -0.62	156.92 5.16 -0.01	156.02 4.84 0.00	149.35 4.49 0.00	146.55 4.41 -0.01	147.60 4.58 -0.01	151.09 5.11 -0.01	160.59 6.25 -1.90	187.27 8.23 -0.15	218.44 10.60 -0.06	197.45 9.04 -0.01	188.38 8.80 -0.01	163.15 8.65 0.00	151.06 5.39 0.00	150.17 4.37 0.00	142.03 3.87 0.00
JERICOHO_RISE_WT_PWR 323719	133.33 -0.27 0.00	127.96 -0.26 0.00	125.93 0.00 0.00	126.05 -0.13 0.00	125.42 -0.25 0.00	133.49 0.13 0.00	151.77 -1.23 0.00	198.01 -0.40 0.00	171.09 -0.51 0.00	151.14 -0.60 0.00	150.88 -0.30 0.00	144.72 -0.14 0.00	141.85 -0.28 0.00	142.44 -0.57 0.00	146.12 0.15 0.00	152.44 0.00 0.00	178.53 -0.36 0.00	207.57 -0.21 0.00	187.65 -0.75 0.00	179.57 0.00 0.00	153.25 -1.24 0.00	145.82 0.15 0.00	146.53 0.73 0.00	140.10 1.93 0.00
KATONAH__115KV_46KV_TB4 355592	140.68 7.08 0.00	134.88 6.67 0.00	132.35 6.42 0.00	132.48 6.31 0.00	131.71 6.03 0.00	140.15 6.80 0.00	169.46 9.03 -7.43	211.01 11.31 -1.30	181.04 9.44 0.00	160.25 8.50 0.00	159.50 8.31 0.00	152.83 7.97 0.00	150.38 8.24 0.00	151.17 8.15 0.00	154.00 8.03 0.00	161.43 8.99 0.00	189.26 10.38 0.00	219.83 12.05 0.00	199.32 10.93 0.00	190.34 10.77 0.00	164.69 10.20 0.00	153.54 7.87 0.00	153.09 7.29 0.00	144.52 6.36 0.00
KCE_NY_1 323755	142.16 8.56 0.00	136.04 7.82 0.00	133.61 7.68 0.00	134.00 7.83 0.00	133.34 7.67 0.00	141.62 8.27 0.00	239.78 10.10 -76.68	227.69 12.89 -16.39	182.42 10.82 0.00	160.85 9.10 0.00	159.95 8.77 0.00	153.26 8.40 0.00	150.52 8.38 0.00	151.74 8.72 0.00	154.88 8.91 0.00	161.74 9.30 0.00	190.16 11.28 0.00	220.25 12.47 0.00	199.89 11.49 0.00	190.70 11.14 0.00	164.69 10.19 0.00	154.71 9.03 0.00	154.55 8.75 0.00	146.32 8.15 0.00
KCE_NY_6_ESR 323823	120.11 -13.49 0.00	114.88 -13.34 0.00	113.46 -12.47 0.00	113.43 -12.74 0.00	113.36 -12.31 0.00	117.62 -15.74 0.00	135.10 -17.90 0.00	169.95 -26.98 1.48	145.45 -23.50 2.65	130.93 -20.78 0.03	130.32 -20.86 0.00	124.87 -19.99 0.00	122.38 -19.75 0.01	123.41 -19.59 0.02	125.80 -20.15 0.03	123.38 -20.12 8.93	155.51 -22.72 0.65	183.21 -24.31 0.26	166.49 -21.85 0.06	158.32 -21.19 0.06	139.51 -14.98 0.00	129.06 -16.61 0.00	129.32 -16.48 0.00	122.69 -15.47 0.00
KEDC_PORT_JEFF_GT2 24210	173.59 4.27 -35.71	133.27 4.22 -0.83	129.60 3.52 -0.15	129.49 3.27 -0.04	129.36 3.65 -0.04	183.81 4.39 -46.06	215.54 7.34 -55.19	194.53 9.13 13.01	164.37 7.04 14.28	146.57 4.40 9.58	147.37 6.20 10.01	144.02 7.53 8.38	141.81 6.96 7.29	143.54 8.58 8.05	144.75 7.30 8.52	162.93 10.51 0.02	193.71 11.99 -2.84	213.29 12.26 6.75	201.37 12.99 0.01	196.06 11.67 -4.83	193.92 12.20 -27.22	155.73 9.91 -0.15	231.08 5.68 -79.60	138.21 4.14 4.10
KEDC_PORT_JEFF_GT3 24211	173.59 4.27 -35.71	133.27 4.22 -0.83	129.60 3.52 -0.15	129.49 3.27 -0.04	129.36 3.65 -0.04	183.81 4.39 -46.06	215.54 7.34 -55.19	194.53 9.13 13.01	164.37 7.04 14.28	146.57 4.40 9.58	147.37 6.20 10.01	144.02 7.53 8.38	141.81 6.96 7.29	143.54 8.58 8.05	144.75 7.30 8.52	162.93 10.51 0.02	193.71 11.99 -2.84	213.29 12.26 6.75	201.37 12.99 0.01	196.06 11.67 -4.83	193.92 12.20 -27.22	155.73 9.91 -0.15	231.08 5.68 -79.60	138.21 4.14 4.10
KEDC_GLWD_GT4 24219	139.88 6.28 0.00	134.11 5.90 0.00	131.34 5.41 0.00	131.35 5.18 0.00	130.95 5.28 0.00	139.36 6.01 0.00	169.48 9.18 -7.30	211.18 11.50 -1.27	180.87 9.26 0.00	159.94 8.19 0.00	160.40 9.22 0.00	154.58 9.71 0.00	151.67 9.52 0.00	153.45 10.43 0.00	155.61 9.63 0.00	163.88 11.44 0.00	191.78 12.89 0.00	255.00 14.54 -32.68	201.98 13.57 -0.01	192.13 12.57 0.00	169.36 12.51 -2.36	156.75 10.19 -0.89	153.24 7.43 0.00	144.39 6.22 0.00
KEDC_GLWD_GT5 24220	139.88 6.28 0.00	134.11 5.90 0.00	131.34 5.41 0.00	131.35 5.18 0.00	130.95 5.28 0.00	139.36 6.01 0.00	169.48 9.18 -7.30	211.18 11.50 -1.27	180.87 9.26 0.00	159.94 8.19 0.00	160.40 9.22 0.00	154.58 9.71 0.00	151.67 9.52 0.00	153.45 10.43 0.00	155.61 9.63 0.00	163.88 11.44 0.00	191.78 12.89 0.00	255.00 14.54 -32.68	201.98 13.57 -0.01	192.13 12.57 0.00	169.36 12.51 -2.36	156.75 10.19 -0.89	153.24 7.43 0.00	144.39 6.22 0.00
KENSICO____ 23655	139.88 6.28 0.00	134.11 5.90 0.00	131.47 5.54 0.00	131.60 5.43 0.00	130.95 5.28 0.00	139.22 5.87 0.00	168.08 7.80 -7.28	209.59 9.92 -1.27	179.84 8.24 0.00	159.49 7.74 0.00	158.74 7.56 0.00	152.11 7.24 0.00	149.67 7.53 0.00	150.59 7.58 0.00	153.42 7.44 0.00	160.82 8.38 0.00	188.19 9.30 0.00	218.17 10.39 0.00	198.00 9.61 0.00	188.90 9.34 0.00	163.61 9.12 0.00	152.52 6.85 0.00	152.22 6.42 0.00	143.69 5.53 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	140.68 7.08 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.61 6.43 0.00	131.96 6.28 0.00	140.29 6.93 0.00	170.85 9.18 -8.67	210.87 10.91 -1.56	181.22 9.61 0.00	160.09 8.35 0.00	159.04 7.86 0.00	152.25 7.39 0.00	149.53 7.39 0.00	150.59 7.58 0.00	153.71 7.74 0.00	161.28 8.84 0.00	189.80 10.91 0.00	220.66 12.88 0.00	200.64 12.25 0.00	191.06 11.49 0.00	165.31 10.81 0.00	153.68 8.01 0.00	152.94 7.14 0.00	144.24 6.08 0.00



KIAC_JFK_GT1 23816	141.35 7.75 0.00	135.27 7.05 0.00	132.60 6.67 0.00	132.61 6.43 0.00	131.96 6.28 0.00	140.82 7.47 0.00	170.09 9.79 -7.30	211.18 11.51 -1.27	182.43 10.81 -0.02	161.93 10.17 -0.01	160.25 9.07 0.00	153.56 8.69 0.00	151.09 8.95 0.00	152.17 9.15 0.00	154.88 8.90 0.00	162.65 10.21 0.00	190.52 11.63 0.00	218.79 11.01 0.00	198.95 10.55 0.00	191.42 11.85 0.00	165.62 11.12 0.00	153.97 8.30 0.00	154.26 8.46 0.00	145.07 6.91 0.00
KIAC_JFK_GT2 23817	141.35 7.75 0.00	135.27 7.05 0.00	132.60 6.67 0.00	132.61 6.43 0.00	131.96 6.28 0.00	140.82 7.47 0.00	170.09 9.79 -7.30	211.18 11.51 -1.27	182.43 10.81 -0.02	161.93 10.17 -0.01	160.25 9.07 0.00	153.56 8.69 0.00	151.09 8.95 0.00	152.17 9.15 0.00	154.88 8.90 0.00	162.65 10.21 0.00	190.52 11.63 0.00	218.79 11.01 0.00	198.95 10.55 0.00	191.42 11.85 0.00	165.62 11.12 0.00	153.97 8.30 0.00	154.26 8.46 0.00	145.07 6.91 0.00
KIAC_JFK____ 323774	141.35 7.75 0.00	135.26 7.05 0.00	132.35 6.42 0.00	132.60 6.43 0.00	131.71 6.03 0.00	140.82 7.46 0.00	170.39 10.10 -7.30	211.58 11.90 -1.27	182.61 10.99 -0.02	162.23 10.46 -0.02	160.71 9.53 0.00	153.70 8.84 0.00	151.10 8.96 0.00	152.17 9.16 0.00	155.03 9.05 0.00	162.50 10.06 0.00	191.06 12.17 0.00	219.20 11.42 0.00	199.32 10.92 0.00	191.42 11.85 0.00	166.09 11.59 0.00	154.41 8.74 0.00	154.40 8.60 0.00	145.07 6.91 0.00
KINTIGH__24_KV_GSU 356498	119.04 -14.56 0.00	113.72 -14.49 0.00	112.33 -13.60 0.00	112.29 -13.88 0.00	112.10 -13.58 0.00	116.55 -16.81 0.00	133.57 -19.43 0.00	168.32 -28.57 1.52	143.96 -25.57 2.08	130.64 -21.09 0.02	130.01 -21.17 0.00	124.73 -20.13 0.00	122.23 -19.90 0.01	123.13 -19.87 0.01	125.08 -20.88 0.02	125.15 -22.40 4.88	153.17 -25.22 0.51	181.81 -25.77 0.19	164.62 -23.74 0.04	157.26 -22.27 0.04	138.12 -16.38 0.00	128.19 -17.48 0.00	128.89 -16.91 0.00	121.58 -16.58 0.00
KINTIGH____ 23543	119.04 -14.56 0.00	113.73 -14.49 0.00	111.70 -14.23 0.00	112.04 -14.13 0.00	111.60 -14.08 0.00	116.55 -16.80 0.00	132.35 -20.66 0.00	167.72 -29.17 1.52	143.62 -25.91 2.08	129.88 -21.85 0.02	130.02 -21.17 0.00	124.58 -20.28 0.00	122.23 -19.90 0.01	122.98 -20.02 0.01	124.94 -21.02 0.02	124.99 -22.56 4.88	153.16 -25.22 0.51	180.78 -26.80 0.19	162.93 -25.43 0.04	154.75 -24.78 0.04	138.27 -16.22 0.00	128.19 -17.48 0.00	128.01 -17.79 0.00	121.59 -16.58 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	135.47 1.87 0.00	129.88 1.67 0.00	127.94 2.01 0.00	128.19 2.02 0.00	127.43 1.76 0.00	135.75 2.40 0.00	155.91 2.91 0.00	206.14 7.74 0.00	177.61 6.01 0.00	156.91 5.16 0.00	156.47 5.29 0.00	149.06 4.20 0.00	145.97 3.84 0.00	146.73 3.72 0.00	150.50 4.53 0.00	157.77 5.34 0.00	185.15 6.26 0.00	216.09 8.31 0.00	195.93 7.54 0.00	186.57 7.00 0.00	159.59 5.10 0.00	151.35 5.68 0.00	151.34 5.54 0.00	143.83 5.66 0.00
LACHUTE____HYDRO 323717	146.56 12.96 0.00	140.00 11.79 0.00	137.90 11.97 0.00	138.54 12.37 0.00	137.74 12.07 0.00	146.43 13.08 0.00	246.79 16.06 -77.73	236.65 21.63 -16.62	189.29 17.68 0.00	166.17 14.42 0.00	164.49 13.31 0.00	157.46 12.60 0.00	154.50 12.36 0.00	155.74 12.72 0.00	159.40 13.42 0.00	167.39 14.95 0.00	198.21 19.33 0.00	229.19 21.41 0.00	207.99 19.59 0.00	198.59 19.03 0.00	170.56 16.07 0.00	159.80 14.13 0.00	159.21 13.41 0.00	151.02 12.85 0.00
LAWRNCAY_115KV_TB1 80681	135.20 1.60 0.00	130.14 1.92 0.00	128.20 2.27 0.00	128.44 2.27 0.00	127.56 1.89 0.00	134.95 1.60 0.00	153.00 0.00 0.00	201.18 2.78 0.00	173.49 1.89 0.00	152.96 1.21 0.00	152.24 1.06 0.00	145.44 0.58 0.00	142.56 0.43 0.00	143.16 0.14 0.00	146.56 0.58 0.00	152.74 0.30 0.00	179.78 0.89 0.00	209.23 1.45 0.00	189.15 0.75 0.00	180.29 0.72 0.00	152.49 -2.01 0.00	144.94 -0.73 0.00	146.24 0.44 0.00	140.38 2.21 0.00
LEDERLE____ 23769	138.95 5.34 0.00	133.21 5.00 0.00	130.59 4.66 0.00	130.84 4.67 0.00	130.20 4.52 0.00	138.29 4.93 0.00	167.07 7.04 -7.03	208.14 8.53 -1.21	178.99 7.38 0.00	158.58 6.83 0.00	157.68 6.50 0.00	151.24 6.37 0.00	148.68 6.54 0.00	149.59 6.58 0.00	152.40 6.42 0.00	159.76 7.32 0.00	187.12 8.23 0.00	216.92 9.14 0.00	197.06 8.67 0.00	187.83 8.26 0.00	162.53 8.03 0.00	151.64 5.97 0.00	151.20 5.39 0.00	142.72 4.56 0.00
LIGHTHSE_115KV_TB6 355974	131.06 -2.54 0.00	126.03 -2.18 0.00	123.66 -2.27 0.00	124.03 -2.14 0.00	123.54 -2.14 0.00	131.09 -2.27 0.00	151.01 -1.99 0.00	195.82 -2.58 0.00	169.20 -2.40 0.00	149.47 -2.28 0.00	148.91 -2.27 0.00	142.84 -2.03 0.00	140.29 -1.85 0.00	141.01 -2.00 0.00	143.93 -2.04 0.00	150.61 -1.83 0.00	176.74 -2.15 0.00	205.70 -2.08 0.00	185.95 -2.45 0.00	177.23 -2.33 0.00	153.26 -1.24 0.00	143.49 -2.19 0.00	143.61 -2.19 0.00	135.95 -2.21 0.00
LINDEN COGEN____ 23786	140.01 6.41 0.00	134.24 6.03 0.00	131.34 5.41 0.00	131.59 5.42 0.00	130.83 5.15 0.00	139.49 6.14 0.00	168.55 8.26 -7.30	210.37 10.71 -1.26	167.70 8.58 12.49	160.12 8.49 0.12	159.19 8.16 0.15	151.54 7.67 1.00	149.80 7.81 0.15	150.87 8.00 0.15	153.70 7.88 0.15	160.14 8.84 1.14	179.71 9.83 9.01	202.65 10.38 15.52	186.93 9.98 11.44	180.76 9.33 8.14	158.73 9.43 5.19	152.52 6.99 0.14	152.51 6.71 0.00	143.97 5.80 0.00
LINDHRST_69_KV_BK1 356055	140.35 5.34 -1.41	133.42 5.38 0.18	132.11 6.17 -0.01	131.22 5.05 0.00	131.83 6.16 0.00	141.09 5.60 -2.13	172.20 9.18 -10.02	207.26 11.90 3.05	175.87 8.58 4.32	155.83 6.98 2.90	155.71 7.56 3.03	150.59 8.26 2.53	149.60 9.67 2.21	149.30 8.72 2.44	153.18 9.78 2.58	165.54 13.11 0.01	193.72 14.67 -0.16	238.77 17.04 -13.95	204.79 16.39 0.00	194.75 14.90 -0.27	171.81 14.52 -2.80	157.95 11.80 -0.48	159.21 8.89 -4.52	143.14 6.22 1.24
LIPA_MISC_IPP 23656	171.41 4.68 -33.13	133.54 4.62 -0.71	131.73 5.67 -0.14	130.37 4.16 -0.04	131.11 5.40 -0.04	181.11 4.93 -42.82	213.22 8.26 -51.96	195.93 10.52 12.99	164.72 7.38 14.27	147.18 5.01 9.57	146.77 5.59 10.00	142.73 6.23 8.37	142.52 7.68 7.29	141.69 6.72 8.05	145.35 7.88 8.51	164.00 11.59 0.02	194.59 13.06 -2.65	214.22 13.51 7.06	201.95 13.56 0.01	197.18 13.11 -4.50	192.70 12.82 -25.38	156.44 10.63 -0.14	227.90 7.87 -74.23	139.19 5.11 4.09
LISF____SOLAR 323691	171.57 5.08 -32.89	133.91 5.00 -0.70	130.35 4.28 -0.14	130.25 4.04 -0.04	130.11 4.40 -0.04	181.06 5.20 -42.51	213.67 9.02 -51.64	196.57 11.10 12.94	165.63 8.24 14.21	147.67 5.45 9.54	148.47 7.26 9.96	145.07 8.54 8.34	142.83 7.95 7.26	144.58 9.58 8.02	145.96 8.46 8.48	164.46 12.04 0.02	195.64 14.13 -2.63	215.44 14.54 6.88	203.26 14.88 0.01	197.68 13.64 -4.47	193.77 14.06 -25.22	157.32 11.51 -0.14	226.65 7.14 -73.70	139.62 5.53 4.08
LITTLE FALLS____HYD 24013	142.29 8.68 0.00	136.42 8.21 0.00	133.86 7.93 0.00	134.25 8.07 0.00	133.97 8.29 0.00	142.42 9.07 0.00	164.02 11.02 0.00	212.89 14.48 0.00	183.96 12.36 0.00	162.52 10.77 0.00	161.91 10.73 0.00	155.15 10.29 0.00	152.37 10.23 0.00	153.60 10.58 0.00	156.78 10.80 0.00	164.02 11.59 0.00	191.95 13.06 0.00	222.95 15.17 0.00	201.96 13.56 0.00	192.32 12.75 0.00	165.77 11.28 0.00	155.87 10.20 0.00	156.01 10.21 0.00	147.84 9.67 0.00



LITTLRIV_115KV_TB1 356100	136.81 3.21 0.00	131.93 3.72 0.00	129.96 4.03 0.00	130.21 4.04 0.00	129.19 3.52 0.00	136.82 3.47 0.00	155.29 2.29 0.00	204.55 6.15 0.00	175.90 4.29 0.00	155.09 3.34 0.00	154.20 3.02 0.00	147.18 2.32 0.00	144.27 2.13 0.00	144.87 1.86 0.00	148.31 2.34 0.00	154.73 2.29 0.00	182.47 3.58 0.00	212.56 4.78 0.00	191.98 3.58 0.00	182.98 3.41 0.00	154.65 0.15 0.00	147.13 1.46 0.00	148.13 2.33 0.00	142.17 4.01 0.00
LI_NEWBRDGE___DRP 323616	136.81 3.21 0.00	131.42 3.21 0.00	129.96 4.03 0.00	128.95 2.78 0.00	129.44 3.77 0.00	136.69 3.33 0.00	166.42 6.12 -7.30	207.21 7.54 -1.27	176.93 5.32 0.00	156.15 4.40 0.00	156.17 4.99 0.00	150.80 5.94 0.01	149.66 7.53 0.01	149.30 6.29 0.01	153.12 7.15 0.01	162.19 9.76 0.01	189.08 10.20 0.00	220.29 11.43 -1.08	199.14 10.74 -0.01	189.80 10.24 0.00	164.92 10.35 -0.07	154.29 8.59 -0.02	151.77 5.98 0.01	141.75 3.59 0.01
LOCKPORT_115KV_TB60_63_64 80432	116.37 -17.23 0.00	111.16 -17.05 0.00	109.18 -16.75 0.00	109.52 -16.65 0.00	109.21 -16.46 0.00	113.48 -19.87 0.00	128.37 -24.63 0.00	162.41 -34.52 1.47	143.38 -29.86 -1.63	125.93 -25.80 0.02	125.78 -25.40 0.00	120.67 -24.19 0.00	118.39 -23.74 0.01	119.26 -23.74 0.01	121.14 -24.82 0.02	121.20 -25.91 5.33	150.28 -28.98 -0.37	176.52 -31.37 -0.12	159.37 -29.01 0.01	151.19 -28.37 0.01	135.18 -19.31 0.00	125.13 -20.54 0.00	124.95 -20.85 0.00	118.82 -19.34 0.00
LOCKPORT___CC1 323769	115.96 -17.64 0.00	110.78 -17.44 0.00	109.56 -16.37 0.00	109.51 -16.66 0.00	109.34 -16.34 0.00	113.09 -20.27 0.00	129.44 -23.56 0.00	162.72 -34.12 1.57	122.30 -30.20 19.10	125.93 -25.80 0.03	125.48 -25.70 0.00	120.24 -24.62 0.00	117.82 -24.31 0.01	118.69 -24.31 0.02	120.69 -25.25 0.03	113.96 -26.22 12.26	144.65 -29.69 4.55	175.15 -30.96 1.67	159.94 -28.26 0.20	152.43 -26.94 0.20	134.57 -19.93 0.00	124.55 -21.12 0.00	125.10 -20.70 0.00	118.40 -19.76 0.00
LOCKPORT___CC2 323770	115.96 -17.64 0.00	110.78 -17.44 0.00	109.56 -16.37 0.00	109.51 -16.66 0.00	109.34 -16.34 0.00	113.09 -20.27 0.00	129.44 -23.56 0.00	162.72 -34.12 1.57	122.30 -30.20 19.10	125.93 -25.80 0.03	125.48 -25.70 0.00	120.24 -24.62 0.00	117.82 -24.31 0.01	118.69 -24.31 0.02	120.69 -25.25 0.03	113.96 -26.22 12.26	144.65 -29.69 4.55	175.15 -30.96 1.67	159.94 -28.26 0.20	152.43 -26.94 0.20	134.57 -19.93 0.00	124.55 -21.12 0.00	125.10 -20.70 0.00	118.40 -19.76 0.00
LOCKPORT___CC3 323771	115.96 -17.64 0.00	110.78 -17.44 0.00	109.56 -16.37 0.00	109.51 -16.66 0.00	109.34 -16.34 0.00	113.09 -20.27 0.00	129.44 -23.56 0.00	162.72 -34.12 1.57	122.30 -30.20 19.10	125.93 -25.80 0.03	125.48 -25.70 0.00	120.24 -24.62 0.00	117.82 -24.31 0.01	118.69 -24.31 0.02	120.69 -25.25 0.03	113.96 -26.22 12.26	144.65 -29.69 4.55	175.15 -30.96 1.67	159.94 -28.26 0.20	152.43 -26.94 0.20	134.57 -19.93 0.00	124.55 -21.12 0.00	125.10 -20.70 0.00	118.40 -19.76 0.00
LOCUSVLY_69_KV_BK2 55797	139.34 5.34 -0.39	133.49 5.13 -0.15	131.60 5.67 0.00	130.84 4.67 0.00	131.08 5.40 0.00	138.99 5.33 -0.31	168.56 8.26 -7.30	212.42 10.52 -3.50	181.90 8.07 -2.23	160.23 6.98 -1.50	160.30 7.56 -1.56	154.14 7.97 -1.31	152.37 9.10 -1.14	152.57 8.29 -1.26	156.21 8.90 -1.33	163.72 11.28 -0.01	191.23 12.34 0.00	250.10 14.13 -28.19	201.60 13.19 -0.02	192.14 12.57 0.00	168.44 12.05 -1.89	156.14 9.76 -0.71	153.38 7.58 0.00	144.33 5.53 -0.64
LONG_LAKE_PHOENIX 24014	129.19 -4.41 0.00	124.11 -4.10 0.00	121.77 -4.16 0.00	122.13 -4.04 0.00	121.53 -4.15 0.00	128.82 -4.53 0.00	148.41 -4.59 0.00	192.65 -6.35 -0.60	166.29 -5.32 0.00	147.20 -4.55 0.00	146.65 -4.54 0.00	140.52 -4.35 0.00	138.02 -4.12 0.00	138.87 -4.15 0.00	141.60 -4.38 0.00	147.87 -4.57 0.00	173.70 -5.19 0.00	202.38 -5.40 0.00	183.12 -5.28 0.00	174.36 -5.21 0.00	150.94 -3.55 0.00	141.30 -4.37 0.00	141.28 -4.52 0.00	133.74 -4.42 0.00
LOVETT___3 23632	138.41 4.81 0.00	132.70 4.49 0.00	130.09 4.16 0.00	130.21 4.04 0.00	129.57 3.90 0.00	137.75 4.40 0.00	166.20 6.12 -7.08	207.16 7.54 -1.22	177.96 6.35 0.00	157.67 5.92 0.00	156.93 5.74 0.00	150.37 5.50 0.00	147.82 5.69 0.00	148.88 5.86 0.00	151.67 5.69 0.00	158.84 6.40 0.00	186.04 7.16 0.00	215.68 7.90 0.00	195.93 7.54 0.00	186.93 7.36 0.00	161.76 7.26 0.00	150.92 5.24 0.00	150.47 4.67 0.00	142.17 4.01 0.00
LOVETT___4 23642	138.41 4.81 0.00	132.70 4.49 0.00	130.09 4.16 0.00	130.21 4.04 0.00	129.57 3.90 0.00	137.75 4.40 0.00	166.20 6.12 -7.08	207.16 7.54 -1.22	177.96 6.35 0.00	157.67 5.92 0.00	156.93 5.74 0.00	150.37 5.50 0.00	147.82 5.69 0.00	148.88 5.86 0.00	151.67 5.69 0.00	158.84 6.40 0.00	186.04 7.16 0.00	215.68 7.90 0.00	195.93 7.54 0.00	186.93 7.36 0.00	161.76 7.26 0.00	150.92 5.24 0.00	150.47 4.67 0.00	142.17 4.01 0.00
LOVETT___5 23593	138.41 4.81 0.00	132.70 4.49 0.00	130.09 4.16 0.00	130.21 4.04 0.00	129.57 3.90 0.00	137.75 4.40 0.00	166.20 6.12 -7.08	207.16 7.54 -1.22	177.96 6.35 0.00	157.67 5.92 0.00	156.93 5.74 0.00	150.37 5.50 0.00	147.82 5.69 0.00	148.88 5.86 0.00	151.67 5.69 0.00	158.84 6.40 0.00	186.04 7.16 0.00	215.68 7.90 0.00	195.93 7.54 0.00	186.93 7.36 0.00	161.76 7.26 0.00	150.92 5.24 0.00	150.47 4.67 0.00	142.17 4.01 0.00
LOWER RAQUET___HYD 24057	135.07 1.47 0.00	130.14 1.93 0.00	128.20 2.27 0.00	128.44 2.27 0.00	127.43 1.76 0.00	134.82 1.47 0.00	152.24 -0.76 0.00	200.39 1.98 0.00	172.64 1.04 0.00	152.21 0.46 0.00	151.64 0.45 0.00	145.01 0.15 0.00	142.56 0.43 0.00	142.73 -0.29 0.00	146.12 0.15 0.00	152.13 -0.30 0.00	178.71 -0.18 0.00	207.99 0.21 0.00	187.65 -0.75 0.00	179.21 -0.36 0.00	151.41 -3.09 0.00	144.07 -1.60 0.00	145.65 -0.15 0.00	140.10 1.93 0.00
LOWER___HUDSON 24059	140.41 6.81 0.00	134.49 6.28 0.00	131.97 6.04 0.00	132.35 6.18 0.00	131.71 6.03 0.00	139.89 6.53 0.00	223.59 8.10 -62.49	221.68 9.92 -13.36	180.01 8.41 0.00	159.18 7.43 0.00	158.44 7.26 0.00	151.82 6.95 0.00	149.10 6.96 0.00	150.16 7.15 0.00	152.98 7.01 0.00	159.30 6.87 0.00	187.12 8.23 0.00	216.51 8.73 0.00	196.88 8.49 0.00	187.66 8.09 0.00	162.37 7.87 0.00	152.81 7.14 0.00	152.80 7.00 0.00	144.66 6.50 0.00
LOWVILLE_115KV_TB2 356335	135.47 1.87 0.00	130.52 2.31 0.00	128.20 2.27 0.00	128.44 2.27 0.00	128.06 2.39 0.00	136.29 2.93 0.00	156.67 3.67 0.00	204.49 6.35 0.27	176.41 4.80 0.00	155.39 3.64 0.00	154.96 3.78 0.00	148.34 3.48 0.00	145.55 3.41 0.00	146.30 3.29 0.00	149.19 3.21 0.00	156.25 3.81 0.00	183.18 4.29 0.00	212.97 5.19 0.00	192.16 3.77 0.00	183.16 3.59 0.00	157.28 2.78 0.00	147.42 1.75 0.00	148.28 2.48 0.00	140.93 2.76 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	142.02 8.42 0.00	135.91 7.69 0.00	133.61 7.68 0.00	133.99 7.82 0.00	133.34 7.67 0.00	141.49 8.13 0.00	239.48 9.79 -76.68	227.50 12.70 -16.39	182.25 10.64 0.00	160.70 8.95 0.00	159.65 8.47 0.00	152.98 8.11 0.00	150.38 8.24 0.00	151.45 8.44 0.00	154.59 8.61 0.00	161.43 8.99 0.00	189.80 10.91 0.00	219.83 12.05 0.00	199.51 11.12 0.00	190.52 10.95 0.00	164.38 9.89 0.00	154.41 8.74 0.00	154.40 8.60 0.00	146.18 8.01 0.00



LUTHERNY_35_KV_BK2 355980	142.15 8.55 0.00	136.03 7.82 0.00	133.74 7.81 0.00	133.99 7.82 0.00	133.34 7.67 0.00	141.62 8.27 0.00	239.63 9.94 -76.68	227.69 12.90 -16.39	182.25 10.64 0.00	160.70 8.95 0.00	159.80 8.62 0.00	153.12 8.26 0.00	150.52 8.39 0.00	151.59 8.58 0.00	154.73 8.76 0.00	161.59 9.15 0.00	189.98 11.09 0.00	220.04 12.26 0.00	199.70 11.30 0.00	190.70 11.13 0.00	164.54 10.04 0.00	154.56 8.89 0.00	154.40 8.60 0.00	146.32 8.15 0.00
LWR___OSWEGATCHIE_HYD 23850	134.80 1.20 0.00	129.88 1.67 0.00	127.82 1.89 0.00	128.06 1.89 0.00	127.31 1.63 0.00	135.09 1.73 0.00	154.22 1.22 0.00	202.17 3.77 0.00	174.18 2.57 0.00	153.42 1.67 0.00	152.99 1.81 0.00	146.31 1.45 0.00	143.56 1.42 0.00	144.16 1.14 0.00	147.29 1.31 0.00	153.96 1.52 0.00	180.14 1.25 0.00	209.65 1.87 0.00	189.34 0.94 0.00	180.47 0.90 0.00	153.72 -0.77 0.00	145.09 -0.58 0.00	146.68 0.87 0.00	140.10 1.93 0.00
LYONS_FALL_HYD 23570	136.01 2.41 0.00	130.91 2.70 0.00	128.58 2.65 0.00	128.83 2.65 0.00	128.43 2.76 0.00	136.55 3.20 0.00	157.28 4.28 0.00	204.61 6.54 0.34	176.75 5.14 0.00	155.85 4.10 0.00	155.57 4.39 0.00	148.78 3.91 0.00	146.11 3.97 0.00	146.88 3.86 0.00	149.63 3.65 0.00	156.70 4.26 0.00	183.89 5.00 0.00	213.81 6.03 0.00	193.11 4.71 0.00	184.06 4.49 0.00	158.36 3.86 0.00	148.43 2.76 0.00	148.87 3.07 0.00	141.20 3.04 0.00
MADISON___COUNTY_LFGE 323628	136.54 2.94 0.00	131.42 3.21 0.00	128.95 3.02 0.00	129.33 3.15 0.00	128.82 3.14 0.00	136.95 3.60 0.00	158.05 5.05 0.00	204.56 6.94 0.79	177.44 5.83 0.00	156.45 4.70 0.00	155.87 4.69 0.00	149.21 4.35 0.00	146.40 4.26 0.00	147.31 4.29 0.00	150.21 4.23 0.00	157.32 4.88 0.00	184.79 5.90 0.00	215.05 7.27 0.00	194.42 6.03 0.00	185.31 5.75 0.00	159.90 5.41 0.00	149.60 3.93 0.00	149.30 3.50 0.00	141.34 3.18 0.00
MALONE___115KV_TB1 356076	135.74 2.14 0.00	130.26 2.05 0.00	128.45 2.52 0.00	128.69 2.52 0.00	127.81 2.14 0.00	136.02 2.67 0.00	155.91 2.91 0.00	204.16 5.75 0.00	175.90 4.29 0.00	155.39 3.64 0.00	155.11 3.93 0.00	147.91 3.04 0.00	144.98 2.84 0.00	145.59 2.57 0.00	149.19 3.21 0.00	156.10 3.66 0.00	183.36 4.47 0.00	214.01 6.23 0.00	193.67 5.28 0.00	184.42 4.85 0.00	157.12 2.63 0.00	149.17 3.50 0.00	149.59 3.79 0.00	142.45 4.28 0.00
MAPLEWOD_115KV_TB3 80458	140.01 6.41 0.00	134.24 6.03 0.00	131.85 5.92 0.00	132.10 5.93 0.00	131.45 5.78 0.00	139.49 6.13 0.00	208.34 7.34 -48.00	217.20 8.53 -10.26	178.99 7.38 0.00	158.43 6.68 0.00	157.68 6.50 0.00	151.09 6.23 0.00	148.53 6.40 0.00	149.59 6.58 0.00	151.96 5.98 0.00	158.23 5.79 0.00	185.33 6.44 0.00	214.43 6.65 0.00	194.80 6.41 0.00	186.03 6.46 0.00	160.98 6.49 0.00	151.50 5.83 0.00	152.51 6.71 0.00	144.38 6.22 0.00
MAPLE_RIDGE_WT_1 323574	133.07 -0.53 0.00	127.70 -0.51 0.00	125.43 -0.50 0.00	125.67 -0.50 0.00	125.30 -0.38 0.00	132.95 -0.40 0.00	152.24 -0.76 0.00	197.42 -0.99 0.00	170.75 -0.85 0.00	150.99 -0.75 0.00	150.58 -0.60 0.00	144.29 -0.58 0.00	141.57 -0.57 0.00	142.44 -0.57 0.00	145.54 -0.44 0.00	151.68 -0.76 0.00	177.64 -1.24 0.00	205.70 -2.08 0.00	185.94 -2.45 0.00	177.05 -2.51 0.00	151.72 -2.78 0.00	143.63 -2.04 0.00	144.20 -1.60 0.00	137.06 -1.11 0.00
MAPLE_RIDGE_WT_2 323611	133.07 -0.53 0.00	127.70 -0.51 0.00	125.43 -0.50 0.00	125.67 -0.50 0.00	125.30 -0.38 0.00	132.95 -0.40 0.00	152.24 -0.76 0.00	197.42 -0.99 0.00	170.75 -0.85 0.00	150.99 -0.75 0.00	150.58 -0.60 0.00	144.29 -0.58 0.00	141.57 -0.57 0.00	142.44 -0.57 0.00	145.54 -0.44 0.00	151.68 -0.76 0.00	177.64 -1.24 0.00	205.70 -2.08 0.00	185.94 -2.45 0.00	177.05 -2.51 0.00	151.72 -2.78 0.00	143.63 -2.04 0.00	144.20 -1.60 0.00	137.06 -1.11 0.00
MARBLE_RIVER_WT_PWR 323696	133.33 -0.27 0.00	127.96 -0.26 0.00	125.93 0.00 0.00	126.05 -0.13 0.00	125.42 -0.25 0.00	133.35 0.00 0.00	151.62 -1.38 0.00	197.61 -0.79 0.00	170.75 -0.85 0.00	150.99 -0.75 0.00	150.58 -0.60 0.00	144.57 -0.29 0.00	141.71 -0.43 0.00	142.30 -0.71 0.00	145.83 -0.15 0.00	152.13 -0.30 0.00	178.18 -0.71 0.00	206.95 -0.83 0.00	187.27 -1.12 0.00	179.21 -0.36 0.00	153.10 -1.39 0.00	145.53 -0.15 0.00	146.24 0.44 0.00	139.96 1.79 0.00
MARSHVLE_115KV_TB1 80742	137.48 3.87 0.00	131.42 3.21 0.00	129.33 3.40 0.00	129.70 3.53 0.00	129.07 3.39 0.00	137.62 4.27 0.00	228.91 6.12 -69.79	221.32 8.33 -14.58	176.41 4.80 0.00	154.02 2.28 0.00	152.54 1.36 0.00	146.02 1.16 0.00	143.42 1.28 0.00	145.02 2.00 0.00	149.19 3.21 0.00	157.62 5.18 0.00	186.04 7.16 0.00	216.09 8.31 0.00	196.12 7.72 0.00	187.29 7.72 0.00	160.98 6.49 0.00	150.92 5.24 0.00	150.03 4.23 0.00	141.90 3.73 0.00
MARSH_HILL_WT_PWR 323713	121.44 -12.16 0.00	116.80 -11.41 0.00	115.48 -10.45 0.00	116.20 -9.97 0.00	116.25 -9.43 0.00	122.15 -11.20 0.00	144.18 -10.86 -2.04	180.55 -16.86 0.98	166.25 -18.19 -12.83	134.75 -17.15 -0.15	133.80 -17.38 0.00	128.06 -16.80 0.00	124.90 -17.20 0.04	125.63 -17.31 0.07	128.45 -17.67 -0.15	174.52 -17.38 -39.47	162.72 -19.32 -3.15	188.44 -20.57 -1.24	169.82 -18.84 -0.26	161.51 -18.32 -0.26	141.67 -12.82 0.00	131.11 -14.57 0.00	131.36 -14.44 0.00	125.04 -13.13 0.00
MCINTYRE_115KV_TB2 80467	138.01 4.41 0.00	132.83 4.62 0.00	130.97 5.04 0.00	131.09 4.92 0.00	130.32 4.65 0.00	138.29 4.93 0.00	156.98 3.98 0.00	206.74 8.33 0.00	177.78 6.18 0.00	156.45 4.70 0.00	155.26 4.08 0.00	148.34 3.48 0.00	145.26 3.13 0.00	146.02 3.00 0.00	149.62 3.65 0.00	156.40 3.96 0.00	184.79 5.90 0.00	215.47 7.69 0.00	194.61 6.22 0.00	185.49 5.93 0.00	156.66 2.16 0.00	149.02 3.35 0.00	149.74 3.94 0.00	143.42 5.25 0.00
MECO_____69_KV_BK1 80468	142.29 8.68 0.00	136.03 7.82 0.00	133.74 7.81 0.00	134.25 8.07 0.00	133.59 7.92 0.00	142.29 8.93 0.00	239.39 11.32 -75.07	229.23 15.08 -15.75	182.25 10.64 0.00	158.88 7.13 0.00	157.23 6.05 0.00	150.37 5.50 0.00	147.68 5.54 0.00	149.45 6.44 0.00	153.71 7.74 0.00	162.65 10.21 0.00	192.48 13.60 0.00	223.57 15.79 0.00	202.71 14.32 0.00	193.75 14.19 0.00	166.55 12.05 0.00	155.87 10.20 0.00	154.99 9.19 0.00	146.87 8.70 0.00
MENANDS___115KV_TB5 355628	139.75 6.15 0.00	133.85 5.64 0.00	131.47 5.54 0.00	131.72 5.55 0.00	131.08 5.40 0.00	139.22 5.87 0.00	205.53 6.73 -45.80	215.73 7.54 -9.79	178.30 6.69 0.00	157.97 6.22 0.00	157.08 5.90 0.00	150.66 5.79 0.00	148.11 5.97 0.00	149.16 6.15 0.00	151.38 5.40 0.00	157.47 5.03 0.00	184.25 5.37 0.00	212.97 5.19 0.00	193.48 5.09 0.00	184.77 5.21 0.00	160.06 5.56 0.00	150.77 5.10 0.00	152.07 6.27 0.00	143.97 5.80 0.00
MG INDUSTRY___DRP 24185	139.08 5.48 0.00	133.34 5.13 0.00	130.97 5.04 0.00	131.22 5.05 0.00	130.57 4.90 0.00	138.55 5.20 0.00	184.99 5.97 -26.03	210.51 6.55 -5.56	177.44 5.83 0.00	156.91 5.16 0.00	155.87 4.69 0.00	149.50 4.64 0.00	146.83 4.69 0.00	148.02 5.01 0.00	150.65 4.67 0.00	157.16 4.73 0.00	184.08 5.19 0.00	213.18 5.40 0.00	193.67 5.28 0.00	184.77 5.21 0.00	159.90 5.41 0.00	150.48 4.81 0.00	151.34 5.54 0.00	143.28 5.11 0.00



MID___OSWEGATCHIE_HYD 23849	134.80 1.20 0.00	129.88 1.67 0.00	127.82 1.89 0.00	128.06 1.89 0.00	127.31 1.63 0.00	135.09 1.73 0.00	154.22 1.22 0.00	202.17 3.77 0.00	174.18 2.57 0.00	153.42 1.67 0.00	152.99 1.81 0.00	146.31 1.45 0.00	143.56 1.42 0.00	144.16 1.14 0.00	147.29 1.31 0.00	153.96 1.52 0.00	180.14 1.25 0.00	209.65 1.87 0.00	189.34 0.94 0.00	180.47 0.90 0.00	153.72 -0.77 0.00	145.09 -0.58 0.00	146.68 0.87 0.00	140.10 1.93 0.00
MID___RAQUETTE_HYD 23851	135.07 1.47 0.00	130.14 1.92 0.00	128.20 2.27 0.00	128.44 2.27 0.00	127.43 1.76 0.00	134.82 1.47 0.00	152.85 -0.15 0.00	200.98 2.58 0.00	173.15 1.54 0.00	152.66 0.91 0.00	152.09 0.91 0.00	145.30 0.43 0.00	142.28 0.14 0.00	143.01 0.00 0.00	146.27 0.29 0.00	152.44 0.00 0.00	179.25 0.36 0.00	208.82 1.04 0.00	188.58 0.19 0.00	179.75 0.18 0.00	152.02 -2.47 0.00	144.51 -1.17 0.00	145.95 0.15 0.00	140.10 1.93 0.00
MILLIKEN___1 23584	133.33 -0.27 0.00	128.21 0.00 0.00	125.80 -0.13 0.00	126.30 0.13 0.00	125.67 0.00 0.00	133.22 -0.13 0.00	156.32 1.22 -2.09	198.56 0.99 0.84	173.52 0.86 -1.05	152.06 0.30 -0.01	151.18 0.00 0.00	144.57 -0.29 0.00	141.89 -0.28 -0.04	142.81 -0.29 -0.08	145.84 -0.15 -0.01	156.13 0.46 -3.24	180.40 1.25 -0.26	210.38 2.49 -0.10	190.49 2.07 -0.02	181.38 1.80 -0.02	156.97 2.47 0.00	146.25 0.58 0.00	145.80 0.00 0.00	138.03 -0.14 0.00
MILLIKEN___2 23585	133.33 -0.27 0.00	128.21 0.00 0.00	125.80 -0.13 0.00	126.30 0.13 0.00	125.67 0.00 0.00	133.22 -0.13 0.00	156.32 1.22 -2.09	198.56 0.99 0.84	173.52 0.86 -1.05	152.06 0.30 -0.01	151.18 0.00 0.00	144.57 -0.29 0.00	141.89 -0.28 -0.04	142.81 -0.29 -0.08	145.84 -0.15 -0.01	156.13 0.46 -3.24	180.40 1.25 -0.26	210.38 2.49 -0.10	190.49 2.07 -0.02	181.38 1.80 -0.02	156.97 2.47 0.00	146.25 0.58 0.00	145.80 0.00 0.00	138.03 -0.14 0.00
MILLIKEN___DIESEL 23629	133.33 -0.27 0.00	128.21 0.00 0.00	125.80 -0.13 0.00	126.30 0.13 0.00	125.67 0.00 0.00	133.22 -0.13 0.00	156.32 1.22 -2.09	198.56 0.99 0.84	173.52 0.86 -1.05	152.06 0.30 -0.01	151.18 0.00 0.00	144.57 -0.29 0.00	141.89 -0.28 -0.04	142.81 -0.29 -0.08	145.84 -0.15 -0.01	156.13 0.46 -3.24	180.40 1.25 -0.26	210.38 2.49 -0.10	190.49 2.07 -0.02	181.38 1.80 -0.02	156.97 2.47 0.00	146.25 0.58 0.00	145.80 0.00 0.00	138.03 -0.14 0.00
MILLSEAT___LFGE 323607	119.44 -14.17 0.00	114.11 -14.10 0.00	112.83 -13.10 0.00	112.79 -13.38 0.00	112.60 -13.07 0.00	117.08 -16.27 0.00	134.48 -18.52 0.00	169.95 -26.98 1.47	148.77 -24.19 -1.36	131.24 -20.49 0.02	130.62 -20.56 0.00	125.16 -19.70 0.00	122.80 -19.33 0.01	123.69 -19.31 0.01	125.81 -20.15 0.02	126.97 -20.88 4.59	156.47 -22.72 -0.31	185.65 -22.23 -0.10	167.29 -21.10 0.01	159.45 -20.11 0.01	139.97 -14.53 0.00	129.21 -16.46 0.00	129.47 -16.33 0.00	122.69 -15.47 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	139.48 5.88 0.00	133.60 5.38 0.00	131.09 5.16 0.00	131.22 5.05 0.00	130.57 4.90 0.00	138.82 5.47 0.00	167.60 7.34 -7.26	208.79 9.13 -1.26	179.16 7.55 0.00	158.88 7.13 0.00	158.13 6.95 0.00	151.53 6.66 0.00	148.96 6.82 0.00	149.88 6.86 0.00	152.84 6.86 0.00	160.06 7.62 0.00	187.47 8.59 0.00	217.34 9.56 0.00	197.25 8.85 0.00	188.19 8.62 0.00	162.84 8.34 0.00	151.93 6.26 0.00	151.63 5.83 0.00	143.28 5.11 0.00
MILLWOOD_13_KV_LOAD 356217	139.75 6.15 0.00	133.98 5.77 0.00	131.34 5.41 0.00	131.47 5.30 0.00	130.83 5.15 0.00	139.09 5.73 0.00	168.06 7.80 -7.26	209.39 9.72 -1.26	179.67 8.07 0.00	159.18 7.44 0.00	158.44 7.26 0.00	151.82 6.95 0.00	149.39 7.25 0.00	150.31 7.29 0.00	153.13 7.15 0.00	160.52 8.08 0.00	188.01 9.12 0.00	217.96 10.18 0.00	197.82 9.42 0.00	188.90 9.34 0.00	163.46 8.96 0.00	152.37 6.70 0.00	152.07 6.27 0.00	143.55 5.39 0.00
MODEL_CITY_ENERGY 24167	115.43 -18.17 0.00	110.26 -17.95 0.00	109.06 -16.87 0.00	109.01 -17.16 0.00	108.84 -16.84 0.00	112.55 -20.80 0.00	128.67 -24.33 0.00	161.80 -35.12 1.48	140.39 -31.23 -0.02	125.31 -26.41 0.03	124.73 -26.45 0.00	119.65 -25.21 0.00	117.26 -24.87 0.01	118.11 -24.89 0.02	120.11 -25.84 0.03	119.31 -26.99 6.14	148.28 -30.59 0.02	175.77 -31.99 0.02	159.17 -29.20 0.02	151.89 -27.65 0.02	133.95 -20.55 0.00	123.96 -21.71 0.00	124.51 -21.29 0.00	117.86 -20.31 0.00
MODERN_LFGE___ 323580	115.43 -18.17 0.00	110.26 -17.95 0.00	109.06 -16.87 0.00	109.01 -17.16 0.00	108.84 -16.84 0.00	112.55 -20.80 0.00	128.67 -24.33 0.00	161.80 -35.12 1.48	140.39 -31.23 -0.02	125.31 -26.41 0.03	124.73 -26.45 0.00	119.65 -25.21 0.00	117.26 -24.87 0.01	118.11 -24.89 0.02	120.11 -25.84 0.03	119.31 -26.99 6.14	148.28 -30.59 0.02	175.77 -31.99 0.02	159.17 -29.20 0.02	151.89 -27.65 0.02	133.95 -20.55 0.00	123.96 -21.71 0.00	124.51 -21.29 0.00	117.86 -20.31 0.00
MOHAWK_PAPER___DRP 24187	140.01 6.41 0.00	134.24 6.03 0.00	131.85 5.92 0.00	132.10 5.93 0.00	131.45 5.78 0.00	139.49 6.13 0.00	208.34 7.34 -48.00	217.20 8.53 -10.26	178.99 7.38 0.00	158.43 6.68 0.00	157.68 6.50 0.00	151.09 6.23 0.00	148.53 6.40 0.00	149.59 6.58 0.00	151.96 5.98 0.00	158.23 5.79 0.00	185.33 6.44 0.00	214.43 6.65 0.00	194.80 6.41 0.00	186.03 6.46 0.00	160.98 6.49 0.00	151.50 5.83 0.00	152.51 6.71 0.00	144.38 6.22 0.00
MOHICAN___35_KV_115KV_LD 80490	143.75 10.15 0.00	137.44 9.23 0.00	135.25 9.32 0.00	135.63 9.46 0.00	134.97 9.30 0.00	143.35 10.00 0.00	242.57 12.24 -77.33	231.01 16.07 -16.53	184.99 13.39 0.00	162.83 11.08 0.00	161.61 10.43 0.00	154.86 10.00 0.00	152.23 10.09 0.00	153.17 10.15 0.00	156.49 10.51 0.00	163.57 11.13 0.00	192.66 13.77 0.00	223.16 15.38 0.00	202.53 14.13 0.00	193.39 13.83 0.00	166.55 12.05 0.00	156.45 10.78 0.00	156.15 10.35 0.00	148.11 9.95 0.00
MONGAUP___HYD 23641	139.88 6.28 0.00	134.11 5.90 0.00	131.46 5.53 0.00	131.72 5.55 0.00	131.07 5.40 0.00	139.36 6.01 0.00	168.04 8.41 -6.63	209.24 9.72 -1.11	179.67 8.07 0.00	158.58 6.83 0.00	157.68 6.50 0.00	150.95 6.08 0.00	148.11 5.97 0.00	149.16 6.15 0.00	152.25 6.27 0.00	159.14 6.70 0.00	185.32 6.43 0.00	215.25 7.47 0.00	195.94 7.54 0.00	186.22 6.65 0.00	161.29 6.79 0.00	152.23 6.56 0.00	152.07 6.27 0.00	143.41 5.25 0.00
MONTAUK___DIESEL 23721	176.58 9.89 -33.10	138.54 9.62 -0.71	136.77 10.70 -0.14	135.29 9.08 -0.04	136.14 10.43 -0.04	186.26 10.13 -42.77	219.90 14.99 -51.91	204.48 19.05 12.97	171.43 14.07 14.25	152.66 10.47 9.56	152.08 10.89 9.99	147.66 11.15 8.36	147.23 12.37 7.28	146.56 11.58 8.04	150.62 13.14 8.50	170.10 17.68 0.02	202.46 20.93 -2.64	220.52 19.74 7.00	207.60 19.22 0.01	202.38 18.32 -4.50	197.16 17.30 -25.36	162.56 16.75 -0.14	233.21 13.27 -74.14	144.58 10.50 4.09
MOONROAD_115KV_HARTFLD_TB1-2 355988	124.65 -8.95 0.00	119.24 -8.97 0.00	117.11 -8.82 0.00	117.47 -8.71 0.00	117.25 -8.42 0.00	122.55 -10.80 0.00	140.91 -12.09 0.00	177.30 -19.64 1.47	153.02 -15.96 2.63	136.39 -15.33 0.03	135.31 -15.87 0.00	129.22 -15.65 0.00	126.35 -15.78 0.01	127.55 -15.45 0.02	130.03 -15.91 0.03	128.96 -15.40 8.08	161.43 -16.82 0.65	190.07 -17.45 0.25	173.27 -15.07 0.05	164.61 -14.90 0.05	144.45 -10.04 0.00	133.14 -12.53 0.00	132.39 -13.41 0.00	126.42 -11.74 0.00



MORRIS_RIDGE___SOLAR 323848	121.31 -12.29 0.00	116.29 -11.92 0.00	114.72 -11.21 0.00	115.19 -10.98 0.00	115.12 -10.56 0.00	120.42 -12.93 0.00	141.27 -13.62 -1.89	176.33 -21.04 1.03	140.47 -19.22 11.92	133.71 -17.91 0.14	133.34 -17.84 0.00	127.62 -17.24 0.00	124.92 -17.20 0.02	125.52 -17.45 0.04	128.03 -17.81 0.14	98.09 -17.68 36.67	156.09 -19.86 2.93	185.23 -21.40 1.15	168.75 -19.40 0.24	160.65 -18.68 0.24	141.36 -13.13 0.00	131.11 -14.57 0.00	131.36 -14.44 0.00	124.90 -13.26 0.00
MORTIMER_115KV_TB3 55949	123.98 -9.62 0.00	118.60 -9.62 0.00	116.61 -9.32 0.00	116.83 -9.34 0.00	116.37 -9.30 0.00	122.42 -10.93 0.00	139.99 -13.01 0.00	178.86 -18.05 1.48	155.69 -15.96 -0.04	138.24 -13.51 0.00	138.18 -13.00 0.00	132.55 -12.31 0.00	130.19 -11.94 0.00	130.85 -12.16 0.01	133.27 -12.70 0.00	137.48 -13.87 1.09	164.05 -14.85 -0.01	193.03 -14.75 0.00	173.51 -14.88 0.00	164.84 -14.72 0.00	145.23 -9.27 0.00	134.89 -10.78 0.00	134.57 -11.23 0.00	127.66 -10.50 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	140.82 7.21 0.00	134.88 6.67 0.00	132.23 6.30 0.00	132.35 6.18 0.00	131.71 6.03 0.00	140.15 6.80 0.00	169.17 8.87 -7.30	210.98 11.31 -1.27	181.04 9.44 0.00	160.70 8.95 0.00	159.80 8.62 0.00	153.12 8.26 0.00	150.67 8.53 0.00	151.59 8.58 0.00	154.44 8.47 0.00	161.89 9.45 0.00	189.44 10.55 0.00	219.42 11.64 0.00	199.32 10.93 0.00	190.16 10.59 0.00	164.54 10.04 0.00	153.25 7.57 0.00	153.09 7.29 0.00	144.66 6.49 0.00
MUNSVILLE_WIND_PWR 323609	140.94 7.34 0.00	135.91 7.69 0.00	133.49 7.56 0.00	133.87 7.70 0.00	133.72 8.05 0.00	142.55 9.19 0.00	171.35 13.47 -4.88	215.52 17.25 0.14	186.51 14.07 -0.83	162.99 11.23 -0.01	162.21 11.03 0.00	155.00 10.14 0.00	151.83 9.67 -0.02	152.91 9.86 -0.04	156.05 10.06 -0.01	167.20 12.20 -2.56	195.20 16.11 -0.20	228.44 20.57 -0.08	205.73 17.32 -0.02	196.09 16.51 -0.02	169.79 15.30 0.00	156.74 11.07 0.00	155.27 9.47 0.00	146.45 8.29 0.00
N SALMON___HYD 24042	135.73 2.13 0.00	130.26 2.05 0.00	128.45 2.52 0.00	128.69 2.52 0.00	127.81 2.13 0.00	136.02 2.67 0.00	154.98 1.98 0.00	202.76 4.36 0.00	174.86 3.25 0.00	154.33 2.58 0.00	154.05 2.87 0.00	147.32 2.46 0.00	144.55 2.41 0.00	145.01 2.00 0.00	148.74 2.77 0.00	155.19 2.75 0.00	182.11 3.22 0.00	212.35 4.57 0.00	191.60 3.20 0.00	183.16 3.59 0.00	155.88 1.39 0.00	148.15 2.47 0.00	148.87 3.07 0.00	142.45 4.29 0.00
N.AKRON__115KV_KNAPP 355671	119.17 -14.43 0.00	113.85 -14.36 0.00	111.95 -13.98 0.00	112.29 -13.88 0.00	111.85 -13.82 0.00	116.68 -16.67 0.00	132.65 -20.35 0.00	168.36 -28.57 1.47	147.97 -25.05 -1.42	130.18 -21.55 0.02	130.02 -21.17 0.00	124.73 -20.14 0.00	122.37 -19.76 0.01	123.12 -20.58 0.01	125.37 -20.58 0.02	126.03 -21.65 4.76	155.77 -23.43 -0.32	183.57 -24.31 -0.10	165.03 -23.36 0.01	156.57 -22.98 0.01	139.51 -14.99 0.00	128.92 -16.75 0.00	128.45 -17.35 0.00	122.28 -15.89 0.00
N.E._GEN_SANDY PD 24062	150.00 6.41 -9.99	150.00 5.90 -15.89	146.60 5.67 -15.00	145.70 5.68 -13.85	150.00 5.52 -18.80	165.00 6.01 -25.64	183.80 7.65 -23.15	216.80 8.94 -9.46	195.00 7.90 -15.50	159.03 7.28 0.00	158.29 7.11 0.00	151.67 6.81 0.00	149.10 6.96 0.00	152.40 7.15 -2.24	165.97 6.86 -13.13	184.32 6.87 -25.02	239.51 7.86 -52.76	250.00 8.32 -33.90	247.60 7.91 -51.29	233.90 7.54 -46.79	221.05 7.88 -58.68	187.20 6.85 -34.68	157.71 6.57 -5.34	154.00 5.80 -10.03
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	138.54 4.94 0.00	132.83 4.62 0.00	130.21 4.28 0.00	130.34 4.16 0.00	129.82 4.15 0.00	137.89 4.53 0.00	166.63 6.58 -7.05	207.55 7.94 -1.21	178.30 6.69 0.00	158.12 6.37 0.00	157.23 6.05 0.00	150.80 5.94 0.00	148.25 6.11 0.00	149.16 6.15 0.00	151.96 5.98 0.00	159.15 6.71 0.00	186.58 7.69 0.00	216.09 8.31 0.00	196.50 8.10 0.00	187.11 7.54 0.00	161.91 7.42 0.00	151.06 5.39 0.00	150.61 4.81 0.00	142.31 4.14 0.00
N.QUEENS_27_KV_LOAD 356247	141.63 8.02 -0.01	135.40 7.18 -0.01	132.74 6.80 -0.01	132.74 6.56 -0.01	132.09 6.41 -0.01	140.83 7.47 -0.01	170.86 10.56 -7.30	212.57 12.90 -1.27	181.22 9.61 -0.01	162.07 10.32 -0.01	160.11 8.92 -0.01	153.42 8.55 -0.01	151.24 9.10 -0.01	152.03 9.01 -0.01	154.74 8.76 -0.01	162.36 9.91 -0.01	189.81 10.91 -0.01	221.09 13.30 -0.01	200.84 12.43 -0.01	190.53 10.95 -0.01	165.32 10.81 -0.01	153.69 8.01 -0.01	154.41 8.60 -0.01	145.91 7.74 -0.01
N.TROY___115KV_TB1 355778	140.41 6.81 0.00	134.50 6.28 0.00	132.10 6.17 0.00	132.35 6.18 0.00	131.71 6.03 0.00	139.89 6.53 0.00	223.45 7.96 -62.49	221.48 9.72 -13.36	180.01 8.41 0.00	159.03 7.28 0.00	158.13 6.95 0.00	151.67 6.81 0.00	149.10 6.96 0.00	150.02 7.01 0.00	152.84 6.86 0.00	159.30 6.86 0.00	186.94 8.05 0.00	216.51 8.73 0.00	196.50 8.10 0.00	187.65 8.08 0.00	162.07 7.57 0.00	152.52 6.85 0.00	152.80 7.00 0.00	144.66 6.49 0.00
NARROWS_GT1_1 24228	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT1_2 24229	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT1_3 24230	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT1_4 24231	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT1_5 24232	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01



NARROWS_GT1_6 24233	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT1_7 24234	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT1_8 24235	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT2_1 24236	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT2_2 24237	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT2_3 24238	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT2_4 24239	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT2_5 24240	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT2_6 24241	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT2_7 24242	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NARROWS_GT2_8 24243	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	142.29 8.68 0.00	136.42 8.21 0.00	133.99 8.06 0.00	134.37 8.20 0.00	133.59 7.92 0.00	142.02 8.67 0.00	187.71 9.18 -25.53	213.94 10.32 -5.22	181.73 10.12 0.00	160.09 8.35 0.00	158.74 7.56 0.00	152.11 7.24 0.00	149.24 7.11 0.00	150.45 7.44 0.00	152.98 7.01 0.00	160.06 7.62 0.00	188.55 9.66 0.00	218.79 11.01 0.00	199.13 10.74 0.00	189.62 10.06 0.00	163.92 9.42 0.00	153.68 8.01 0.00	154.55 8.75 0.00	146.32 8.15 0.00
NCHELSEA_115KV_TR2 355582	140.68 7.08 0.00	134.88 6.67 0.00	132.35 6.42 0.00	132.61 6.43 0.00	131.83 6.16 0.00	140.15 6.80 0.00	169.41 8.87 -7.54	210.44 10.71 -1.32	180.87 9.27 0.00	160.09 8.35 0.00	159.19 8.01 0.00	152.69 7.82 0.00	150.10 7.96 0.00	151.02 8.01 0.00	153.86 7.88 0.00	161.28 8.84 0.00	189.08 10.20 0.00	219.42 11.64 0.00	199.51 11.12 0.00	190.16 10.59 0.00	164.54 10.04 0.00	153.25 7.57 0.00	152.94 7.14 0.00	144.38 6.22 0.00
NEG CAPITAL___MECHNVIL 23645	142.28 8.68 0.00	136.17 7.95 0.00	133.74 7.81 0.00	134.13 7.95 0.00	133.47 7.79 0.00	141.76 8.41 0.00	236.32 10.41 -72.91	227.29 13.29 -15.59	182.75 11.15 0.00	161.16 9.41 0.00	160.25 9.07 0.00	153.55 8.69 0.00	150.81 8.67 0.00	152.03 9.02 0.00	155.03 9.05 0.00	161.89 9.45 0.00	190.51 11.62 0.00	220.46 12.68 0.00	200.27 11.88 0.00	190.89 11.32 0.00	164.85 10.35 0.00	154.85 9.18 0.00	154.70 8.89 0.00	146.45 8.29 0.00
NEG CENTRAL_HIGH_ACRES 23767	123.58 -10.02 0.00	118.46 -9.75 0.00	116.61 -9.32 0.00	116.84 -9.34 0.00	116.37 -9.30 0.00	122.42 -10.93 0.00	141.22 -11.78 0.00	180.32 -16.67 1.42	156.28 -14.93 0.40	139.46 -12.29 0.00	138.79 -12.39 0.00	133.13 -11.73 0.00	130.76 -11.38 0.00	131.57 -11.45 0.00	133.86 -12.11 0.00	138.26 -12.96 1.23	164.65 -14.14 0.10	194.02 -13.72 0.04	175.20 -13.19 0.01	166.98 -12.57 0.01	145.07 -9.43 0.00	134.89 -10.78 0.00	135.01 -10.79 0.00	127.53 -10.64 0.00



NEG CENTRAL___DRP 24199	129.19 -4.41 0.00	123.98 -4.23 0.00	121.77 -4.16 0.00	122.13 -4.04 0.00	121.53 -4.15 0.00	128.69 -4.67 0.00	148.41 -4.59 0.00	190.77 -6.55 1.08	166.11 -5.49 0.00	146.89 -4.86 0.00	146.34 -4.84 0.00	140.23 -4.64 0.00	137.59 -4.55 0.00	138.44 -4.58 0.00	141.16 -4.82 0.00	147.41 -5.03 0.00	173.70 -5.19 0.00	203.21 -4.57 0.00	183.69 -4.71 0.00	174.54 -5.03 0.00	151.71 -2.78 0.00	141.45 -4.22 0.00	141.13 -4.67 0.00	133.61 -4.56 0.00
NEG CENTRAL___INDECK 23768	119.17 -14.43 0.00	114.24 -13.97 0.00	112.83 -13.10 0.00	113.18 -12.99 0.00	112.73 -12.94 0.00	118.68 -14.67 0.00	137.85 -15.15 0.00	175.52 -21.43 1.45	160.79 -21.29 -10.47	133.35 -18.52 -0.12	132.28 -18.90 0.00	126.61 -18.26 0.00	123.92 -18.19 0.02	124.67 -18.31 0.04	127.55 -18.54 -0.12	164.96 -19.66 -32.18	160.89 -20.57 -2.57	188.22 -20.57 -1.01	168.63 -19.97 -0.21	161.10 -18.68 -0.21	141.05 -13.44 0.00	130.38 -15.29 0.00	130.20 -15.60 0.00	123.24 -14.92 0.00
NEG CENTRAL___SENECA 23627	128.12 -5.48 0.00	122.96 -5.26 0.00	120.64 -5.29 0.00	121.12 -5.05 0.00	120.52 -5.15 0.00	127.48 -5.87 0.00	146.88 -6.12 0.00	188.62 -8.53 1.26	164.06 -7.55 0.00	145.38 -6.37 0.00	144.83 -6.35 0.00	138.92 -5.94 0.00	136.31 -5.83 0.00	137.01 -6.01 0.00	139.70 -6.28 0.00	145.73 -6.71 0.00	172.09 -6.80 0.00	201.75 -6.03 0.00	181.80 -6.59 0.00	172.74 -6.82 0.00	150.79 -3.71 0.00	140.28 -5.39 0.00	139.97 -5.83 0.00	132.50 -5.66 0.00
NEG CENTRAL___STATE_STREET 24147	130.93 -2.67 0.00	125.78 -2.44 0.00	123.54 -2.39 0.00	123.90 -2.27 0.00	123.29 -2.39 0.00	130.82 -2.53 0.00	151.16 -1.84 0.00	194.64 -2.78 0.99	169.38 -2.23 0.00	149.62 -2.12 0.00	148.91 -2.27 0.00	142.69 -2.17 0.00	139.87 -2.27 -0.01	140.74 -2.29 -0.02	143.64 -2.34 0.00	150.15 -2.29 0.00	176.92 -1.97 0.00	206.53 -1.25 0.00	186.89 -1.51 0.00	177.77 -1.80 0.00	154.19 -0.31 0.00	143.78 -1.89 0.00	143.47 -2.33 0.00	135.68 -2.49 0.00
NEG MILLWOOD___DRP 24198	141.62 8.02 0.00	135.78 7.56 0.00	133.23 7.30 0.00	133.36 7.19 0.00	132.59 6.91 0.00	141.09 7.73 0.00	170.61 10.10 -7.51	212.22 12.50 -1.32	182.07 10.47 0.00	161.16 9.41 0.00	160.40 9.22 0.00	153.70 8.84 0.00	151.09 8.95 0.00	151.88 8.87 0.00	154.88 8.90 0.00	162.35 9.91 0.00	190.52 11.63 0.00	221.49 13.71 0.00	200.83 12.43 0.00	191.78 12.21 0.00	165.93 11.43 0.00	154.41 8.74 0.00	154.11 8.31 0.00	145.21 7.05 0.00
NEG NORTH_FLCN_SEA 23793	134.94 1.34 0.00	129.50 1.28 0.00	127.57 1.64 0.00	127.69 1.51 0.00	126.93 1.26 0.00	135.09 1.73 0.00	154.99 1.99 0.00	201.97 3.57 0.00	174.35 2.75 0.00	154.18 2.43 0.00	153.90 2.72 0.00	147.04 2.17 0.00	143.98 1.85 0.00	144.87 1.86 0.00	148.46 2.48 0.00	155.34 2.90 0.00	180.86 1.97 0.00	209.65 1.87 0.00	191.41 3.01 0.00	182.26 2.69 0.00	156.66 2.16 0.00	148.88 3.20 0.00	149.15 3.35 0.00	141.76 3.59 0.00
NEG NORTH_KES_CHATEGAY 23792	133.73 0.13 0.00	128.34 0.13 0.00	126.31 0.38 0.00	126.42 0.25 0.00	125.80 0.13 0.00	133.89 0.53 0.00	153.31 0.31 0.00	200.39 1.98 0.00	172.81 1.20 0.00	152.81 1.06 0.00	152.54 1.36 0.00	145.59 0.72 0.00	142.71 0.57 0.00	143.44 0.43 0.00	147.14 1.17 0.00	153.96 1.52 0.00	180.68 1.79 0.00	210.07 2.29 0.00	190.85 2.45 0.00	181.72 2.15 0.00	155.27 0.77 0.00	147.56 1.89 0.00	147.84 2.04 0.00	140.51 2.35 0.00
NEG NORTH___ALICE_FALLS 23915	135.47 1.87 0.00	129.88 1.67 0.00	127.94 2.01 0.00	128.19 2.02 0.00	127.43 1.76 0.00	135.75 2.40 0.00	155.91 2.91 0.00	206.14 7.74 0.00	177.61 6.01 0.00	156.91 5.16 0.00	156.47 5.29 0.00	149.06 4.20 0.00	145.97 3.84 0.00	146.73 3.72 0.00	150.50 4.53 0.00	157.77 5.34 0.00	185.15 6.26 0.00	216.09 8.31 0.00	195.93 7.54 0.00	186.57 7.00 0.00	159.59 5.10 0.00	151.35 5.68 0.00	151.34 5.54 0.00	143.83 5.66 0.00
NEG NORTH___LWR_SARANAC 23913	135.47 1.87 0.00	129.88 1.67 0.00	127.94 2.01 0.00	128.19 2.02 0.00	127.43 1.76 0.00	135.75 2.40 0.00	155.91 2.91 0.00	206.14 7.74 0.00	177.61 6.01 0.00	156.91 5.16 0.00	156.47 5.29 0.00	149.06 4.20 0.00	145.97 3.84 0.00	146.73 3.72 0.00	150.50 4.53 0.00	157.77 5.34 0.00	185.15 6.26 0.00	216.09 8.31 0.00	195.93 7.54 0.00	186.57 7.00 0.00	159.59 5.10 0.00	151.35 5.68 0.00	151.34 5.54 0.00	143.83 5.66 0.00
NEG NORTH___PLATTSBURG 23628	135.47 1.87 0.00	129.88 1.66 0.00	127.94 2.01 0.00	128.18 2.01 0.00	127.30 1.63 0.00	135.76 2.40 0.00	154.22 1.22 0.00	203.76 5.36 0.00	175.56 3.95 0.00	155.08 3.33 0.00	154.66 3.48 0.00	148.05 3.18 0.00	145.13 2.99 0.00	145.72 2.71 0.00	149.63 3.65 0.00	156.09 3.65 0.00	183.01 4.12 0.00	213.59 5.81 0.00	192.54 4.14 0.00	184.23 4.66 0.00	157.58 3.09 0.00	149.45 3.78 0.00	150.17 4.37 0.00	143.83 5.67 0.00
NEG WEST_LEA_LOCKPORT 23791	115.97 -17.64 0.00	110.78 -17.44 0.00	108.80 -17.13 0.00	109.14 -17.03 0.00	108.83 -16.84 0.00	113.08 -20.27 0.00	127.91 -25.09 0.00	161.72 -35.12 1.57	121.96 -30.55 19.10	125.32 -26.40 0.03	125.33 -25.85 0.00	120.24 -24.63 0.00	117.82 -24.31 0.01	118.69 -24.31 0.02	120.55 -25.40 0.03	113.65 -26.52 12.26	144.64 -29.70 4.55	173.91 -32.21 1.67	158.43 -29.77 0.20	150.28 -29.09 0.20	134.57 -19.93 0.00	124.55 -21.12 0.00	124.37 -21.43 0.00	118.41 -19.76 0.00
NEG WEST___LANCASTR 23811	122.51 -11.09 0.00	117.06 -11.15 0.00	114.97 -10.96 0.00	115.45 -10.72 0.00	115.12 -10.56 0.00	120.42 -12.94 0.00	137.85 -15.15 0.00	173.72 -23.21 1.47	151.32 -18.02 2.27	134.42 -17.30 0.03	133.19 -17.99 0.00	127.62 -17.24 0.00	125.07 -17.06 0.01	126.40 -16.59 0.02	130.18 -15.77 0.03	130.79 -14.02 7.63	162.41 -15.92 0.56	189.48 -18.08 0.22	174.03 -14.32 0.05	165.51 -14.01 0.05	142.75 -11.74 0.00	131.98 -13.69 0.00	131.37 -14.43 0.00	125.18 -12.99 0.00
NEG_PENN_ALLEGHNY 23528	131.33 -2.27 0.00	126.16 -2.06 0.00	123.91 -2.02 0.00	124.15 -2.02 0.00	123.66 -2.02 0.00	130.81 -2.54 0.00	154.91 -1.38 -3.29	195.81 -1.98 0.61	172.22 0.00 -0.61	151.45 -0.30 -0.01	150.73 -0.45 0.00	144.29 -0.58 0.00	141.57 -0.57 0.01	142.58 -0.43 0.01	145.55 -0.44 -0.01	154.48 0.15 -1.89	179.40 0.36 -0.15	208.88 1.04 -0.06	189.55 1.14 -0.01	180.12 0.54 -0.01	156.50 2.00 0.00	145.67 0.00 0.00	145.36 -0.44 0.00	137.62 -0.55 0.00
NEG___GEN_MONROE 24207	123.31 -10.29 0.00	117.96 -10.26 0.00	115.98 -9.95 0.00	116.20 -9.97 0.00	115.87 -9.80 0.00	121.75 -11.60 0.00	138.77 -14.23 0.00	177.08 -19.84 1.48	154.05 -17.68 -0.11	136.72 -15.02 0.01	136.21 -14.97 0.00	130.67 -14.20 0.00	128.20 -13.93 0.00	128.85 -14.16 0.01	131.23 -14.74 0.01	135.15 -16.01 1.28	161.56 -17.35 -0.02	190.54 -17.25 0.00	171.62 -16.77 0.00	162.68 -16.88 0.00	143.53 -10.97 0.00	133.14 -12.53 0.00	133.12 -12.68 0.00	126.42 -11.74 0.00
NEPA___ENERGY 23901	122.24 -11.36 0.00	116.93 -11.28 0.00	114.85 -11.08 0.00	115.32 -10.85 0.00	114.99 -10.68 0.00	120.28 -13.07 0.00	138.31 -14.69 0.00	173.73 -23.21 1.46	149.17 -19.91 2.53	133.05 -18.67 0.03	132.28 -18.90 0.00	126.61 -18.25 0.00	123.93 -18.19 0.01	125.12 -17.88 0.02	127.70 -18.25 0.03	126.82 -17.84 7.78	158.41 -19.86 0.62	186.34 -21.19 0.24	169.88 -18.46 0.05	161.56 -17.96 0.05	141.98 -12.51 0.00	131.10 -14.57 0.00	130.35 -15.45 0.00	124.35 -13.82 0.00



NEVERSINK___HYD 23608	140.01 6.41 0.00	134.37 6.15 0.00	131.73 5.80 0.00	131.98 5.81 0.00	131.20 5.52 0.00	139.62 6.27 0.00	169.17 8.56 -7.61	210.04 10.31 -1.32	180.52 8.92 0.00	159.48 7.73 0.00	158.59 7.41 0.00	151.82 6.95 0.00	148.96 6.82 0.00	150.02 7.01 0.00	152.98 7.01 0.00	160.51 8.07 0.00	189.08 10.19 0.00	219.62 11.84 0.00	199.89 11.49 0.00	189.98 10.41 0.00	164.53 10.04 0.00	153.10 7.43 0.00	152.21 6.41 0.00	143.55 5.38 0.00
NEWKRMKL_115KV_TB1 55635	139.61 6.01 0.00	133.73 5.51 0.00	131.34 5.41 0.00	131.60 5.43 0.00	130.95 5.28 0.00	139.09 5.73 0.00	199.07 6.43 -39.64	213.82 6.94 -8.48	177.78 6.18 0.00	157.67 5.92 0.00	156.77 5.59 0.00	150.37 5.50 0.00	147.68 5.54 0.00	148.73 5.72 0.00	150.79 4.82 0.00	156.86 4.42 0.00	183.54 4.65 0.00	212.14 4.36 0.00	192.73 4.33 0.00	184.06 4.49 0.00	159.59 5.10 0.00	150.19 4.52 0.00	151.92 6.12 0.00	143.83 5.66 0.00
NEWTON___FALLS_HYD 23847	134.80 1.20 0.00	129.88 1.67 0.00	127.82 1.89 0.00	128.06 1.89 0.00	127.31 1.63 0.00	135.09 1.73 0.00	154.22 1.22 0.00	202.17 3.77 0.00	174.18 2.57 0.00	153.42 1.67 0.00	152.99 1.81 0.00	146.31 1.45 0.00	143.56 1.42 0.00	144.16 1.14 0.00	147.29 1.31 0.00	153.96 1.52 0.00	180.14 1.25 0.00	209.65 1.87 0.00	189.34 0.94 0.00	180.47 0.90 0.00	153.72 -0.77 0.00	145.09 -0.58 0.00	146.68 0.87 0.00	140.10 1.93 0.00
NGRID_A1_DSASP 323792	116.10 -17.50 0.00	110.90 -17.31 0.00	108.93 -17.00 0.00	109.26 -16.91 0.00	108.96 -16.71 0.00	112.28 -21.07 0.00	126.68 -26.32 0.00	160.21 -36.70 1.49	137.23 -32.09 2.29	124.26 -27.47 0.03	124.27 -26.91 0.00	119.22 -25.64 0.00	116.97 -25.16 0.01	117.68 -25.31 0.02	119.53 -26.42 0.03	119.18 -26.22 7.04	146.84 -31.48 0.56	173.28 -34.28 0.22	156.89 -31.46 0.05	148.82 -30.71 0.05	133.64 -20.86 0.00	123.82 -21.85 0.00	123.78 -22.02 0.00	117.86 -20.31 0.00
NGRID_A2_DSASP 323793	116.10 -17.50 0.00	110.90 -17.31 0.00	108.93 -17.00 0.00	109.26 -16.91 0.00	108.96 -16.71 0.00	112.28 -21.07 0.00	126.68 -26.32 0.00	160.21 -36.70 1.49	137.23 -32.09 2.29	124.26 -27.47 0.03	124.27 -26.91 0.00	119.22 -25.64 0.00	116.97 -25.16 0.01	117.68 -25.31 0.02	119.53 -26.42 0.03	119.18 -26.22 7.04	146.84 -31.48 0.56	173.28 -34.28 0.22	156.89 -31.46 0.05	148.82 -30.71 0.05	133.64 -20.86 0.00	123.82 -21.85 0.00	123.78 -22.02 0.00	117.86 -20.31 0.00
NGRID_A4_DSASP 323807	116.10 -17.50 0.00	110.90 -17.31 0.00	108.93 -17.00 0.00	109.26 -16.91 0.00	108.96 -16.71 0.00	112.28 -21.07 0.00	126.68 -26.32 0.00	160.21 -36.70 1.49	137.23 -32.09 2.29	124.26 -27.47 0.03	124.27 -26.91 0.00	119.22 -25.64 0.00	116.97 -25.16 0.01	117.68 -25.31 0.02	119.53 -26.42 0.03	119.18 -26.22 7.04	146.84 -31.48 0.56	173.28 -34.28 0.22	156.89 -31.46 0.05	148.82 -30.71 0.05	133.64 -20.86 0.00	123.82 -21.85 0.00	123.78 -22.02 0.00	117.86 -20.31 0.00
NIAGARA_115E_LBMP 323715	114.90 -18.71 0.00	109.75 -18.46 0.00	108.55 -17.38 0.00	108.51 -17.66 0.00	108.33 -17.34 0.00	112.01 -21.34 0.00	127.91 -25.09 0.00	160.81 -36.11 1.48	138.74 -32.09 0.77	124.72 -27.01 0.03	124.12 -27.06 0.00	118.94 -25.93 0.00	116.55 -25.58 0.01	117.55 -25.45 0.02	119.38 -26.57 0.03	118.00 -27.90 6.54	147.02 -31.67 0.20	174.65 -33.04 0.09	158.22 -30.15 0.03	150.98 -28.56 0.03	133.17 -21.32 0.00	123.39 -22.28 0.00	123.93 -21.87 0.00	117.30 -20.87 0.00
NIAGARA_115W_LBMP 323714	116.10 -17.50 0.00	110.78 -17.44 0.00	109.69 -16.24 0.00	109.65 -16.52 0.00	109.59 -16.09 0.00	112.15 -21.21 0.00	128.07 -24.93 0.00	161.00 -35.91 1.49	137.24 -32.09 2.28	124.86 -26.86 0.03	124.28 -26.91 0.00	119.08 -25.78 0.00	116.69 -25.44 0.01	117.68 -25.32 0.02	119.53 -26.42 0.03	118.76 -26.67 7.00	146.66 -31.67 0.56	174.52 -33.04 0.22	158.20 -30.15 0.05	151.16 -28.37 0.05	133.34 -21.16 0.00	123.53 -22.14 0.00	124.22 -21.58 0.00	117.72 -20.45 0.00
NIAGARA_230_LBMP 323716	116.90 -16.70 0.00	111.67 -16.54 0.00	110.31 -15.62 0.00	110.27 -15.90 0.00	110.09 -15.59 0.00	113.88 -19.47 0.00	130.05 -22.95 0.00	163.57 -33.33 1.50	138.95 -29.51 3.15	126.69 -25.04 0.02	126.09 -25.09 0.00	120.96 -23.90 0.00	118.54 -23.59 0.01	119.40 -23.60 0.02	121.43 -24.52 0.02	120.00 -25.46 6.98	149.15 -28.98 0.76	177.14 -30.34 0.29	160.65 -27.69 0.05	153.29 -26.22 0.05	135.18 -19.32 0.00	125.28 -20.39 0.00	125.97 -19.83 0.00	119.24 -18.92 0.00
NIAGARA___115KV_198_GIBSON 55903	116.10 -17.50 0.00	110.78 -17.44 0.00	108.80 -17.13 0.00	109.14 -17.03 0.00	108.83 -16.84 0.00	112.15 -21.20 0.00	126.38 -26.62 0.00	160.01 -36.90 1.49	137.07 -32.26 2.28	124.10 -27.62 0.03	124.12 -27.06 0.00	119.08 -25.79 0.00	116.69 -25.44 0.01	117.54 -25.46 0.02	119.38 -26.57 0.03	119.07 -26.37 7.00	146.67 -31.66 0.56	173.07 -34.49 0.22	156.70 -31.65 0.05	148.64 -30.89 0.05	133.33 -21.17 0.00	123.53 -22.14 0.00	123.49 -22.31 0.00	117.72 -20.45 0.00
NIAGARA___ 23760	116.90 -16.70 0.00	111.67 -16.54 0.00	110.31 -15.62 0.00	110.27 -15.90 0.00	110.09 -15.59 0.00	113.88 -19.47 0.00	130.05 -22.95 0.00	163.58 -33.33 1.49	139.85 -29.51 2.24	126.69 -25.04 0.03	126.09 -25.09 0.00	120.96 -23.90 0.00	118.54 -23.59 0.01	119.40 -23.60 0.02	121.43 -24.52 0.03	120.14 -25.46 6.84	149.34 -28.98 0.57	177.21 -30.34 0.23	160.66 -27.69 0.05	153.30 -26.22 0.05	135.18 -19.32 0.00	125.28 -20.39 0.00	125.97 -19.83 0.00	119.24 -18.92 0.00
NINE_MILE_1 23575	127.59 -6.01 0.00	122.45 -5.77 0.00	120.27 -5.66 0.00	120.50 -5.68 0.00	120.02 -5.65 0.00	127.09 -6.27 0.00	146.43 -6.57 0.00	176.73 -9.12 12.55	163.72 -7.89 0.00	145.08 -6.67 0.00	144.38 -6.80 0.00	138.35 -6.52 0.00	135.74 -6.39 0.00	136.58 -6.43 0.00	139.41 -6.57 0.00	145.58 -6.86 0.00	171.02 -7.87 0.00	199.06 -8.72 0.00	180.30 -8.10 0.00	171.85 -7.72 0.00	148.31 -6.18 0.00	139.12 -6.55 0.00	139.24 -6.56 0.00	131.81 -6.35 0.00
NINE_MILE_2 23744	127.59 -6.01 0.00	122.45 -5.77 0.00	120.27 -5.66 0.00	120.50 -5.68 0.00	120.02 -5.65 0.00	127.09 -6.27 0.00	146.43 -6.57 0.00	176.64 -9.12 12.64	163.89 -7.72 0.00	145.08 -6.67 0.00	144.38 -6.80 0.00	138.35 -6.52 0.00	135.74 -6.39 0.00	136.58 -6.43 0.00	139.41 -6.57 0.00	145.58 -6.86 0.00	171.02 -7.87 0.00	199.06 -8.72 0.00	180.30 -8.10 0.00	171.85 -7.72 0.00	148.31 -6.18 0.00	139.26 -6.41 0.00	139.24 -6.56 0.00	131.81 -6.35 0.00
NM_CAPITAL___DRP 24208	139.48 5.88 0.00	133.73 5.51 0.00	131.34 5.41 0.00	131.60 5.43 0.00	130.95 5.28 0.00	138.95 5.60 0.00	201.80 6.43 -42.37	214.60 7.14 -9.06	177.96 6.35 0.00	157.67 5.92 0.00	156.93 5.74 0.00	150.51 5.65 0.00	147.82 5.69 0.00	148.88 5.86 0.00	151.08 5.11 0.00	157.16 4.73 0.00	183.90 5.01 0.00	212.56 4.78 0.00	193.11 4.71 0.00	184.42 4.85 0.00	159.75 5.25 0.00	150.48 4.81 0.00	151.92 6.12 0.00	143.69 5.53 0.00
NM_CENTRAL___DRP 24181	129.86 -3.74 0.00	124.62 -3.59 0.00	122.40 -3.53 0.00	122.76 -3.41 0.00	122.15 -3.52 0.00	129.49 -3.87 0.00	149.33 -3.67 0.00	191.61 -5.36 1.44	167.32 -4.29 0.00	147.95 -3.79 0.00	147.25 -3.93 0.00	141.24 -3.62 0.00	138.58 -3.55 0.00	139.44 -3.58 0.00	142.18 -3.80 0.00	148.63 -3.81 0.00	174.59 -4.29 0.00	203.21 -4.57 0.00	184.06 -4.33 0.00	175.08 -4.49 0.00	151.71 -2.78 0.00	141.88 -3.79 0.00	141.86 -3.94 0.00	134.30 -3.87 0.00



NM_FRONTIER___DRP 24179	116.10 -17.50 0.00	110.78 -17.44 0.00	108.80 -17.13 0.00	109.14 -17.03 0.00	108.83 -16.84 0.00	112.15 -21.20 0.00	126.38 -26.62 0.00	160.01 -36.90 1.49	137.07 -32.26 2.28	124.10 -27.62 0.03	124.12 -27.06 0.00	119.08 -25.79 0.00	116.69 -25.44 0.01	117.54 -25.46 0.02	119.38 -26.57 0.03	119.07 -26.37 7.00	146.67 -31.66 0.56	173.07 -34.49 0.22	156.70 -31.65 0.05	148.64 -30.89 0.05	133.33 -21.17 0.00	123.53 -22.14 0.00	123.49 -22.31 0.00	117.72 -20.45 0.00
NM_ST_REGIS___HYD 24053	135.34 1.74 0.00	130.26 2.05 0.00	128.32 2.39 0.00	128.57 2.40 0.00	127.56 1.89 0.00	135.22 1.87 0.00	153.76 0.77 0.00	201.97 3.57 0.00	174.01 2.40 0.00	153.57 1.82 0.00	152.99 1.81 0.00	146.02 1.16 0.00	143.13 0.99 0.00	143.73 0.72 0.00	147.14 1.17 0.00	153.51 1.07 0.00	180.50 1.61 0.00	210.27 2.49 0.00	190.09 1.70 0.00	181.18 1.62 0.00	153.41 -1.08 0.00	145.82 0.15 0.00	146.97 1.17 0.00	140.79 2.63 0.00
NORTHPORT___1 23551	131.42 1.61 3.79	128.47 1.66 1.41	127.06 1.13 0.00	127.06 0.89 0.00	126.93 1.26 0.00	132.13 1.73 2.95	165.04 4.75 -7.30	183.95 5.76 20.21	154.07 3.95 21.48	140.21 2.88 14.42	140.81 4.69 15.06	138.49 6.22 12.60	136.99 5.83 10.97	138.04 7.15 12.12	138.85 5.69 12.81	160.63 8.23 0.03	187.83 8.94 0.00	203.62 9.77 13.93	197.98 9.60 0.02	188.19 8.62 0.00	164.24 9.43 -0.32	153.36 7.57 -0.12	149.15 3.36 0.01	134.08 2.08 6.16
NORTHPORT___2 23552	131.42 1.61 3.79	128.47 1.66 1.41	127.06 1.13 0.00	127.06 0.89 0.00	126.93 1.26 0.00	132.13 1.73 2.95	165.04 4.75 -7.30	183.95 5.76 20.21	154.07 3.95 21.48	140.21 2.88 14.42	140.81 4.69 15.06	138.49 6.22 12.60	136.99 5.83 10.97	138.04 7.15 12.12	138.85 5.69 12.81	160.63 8.23 0.03	187.83 8.94 0.00	203.62 9.77 13.93	197.98 9.60 0.02	188.19 8.62 0.00	164.24 9.43 -0.32	153.36 7.57 -0.12	149.15 3.36 0.01	134.08 2.08 6.16
NORTHPORT___3 23553	126.58 1.20 8.22	126.75 1.28 2.75	126.56 0.63 0.00	126.68 0.51 0.00	126.43 0.76 0.00	127.84 1.33 6.85	163.27 4.13 -6.13	163.30 4.96 40.06	133.52 3.25 41.33	126.43 2.42 27.74	126.43 4.23 28.98	126.43 5.80 24.23	126.43 5.40 21.11	126.43 6.72 23.31	126.58 5.25 24.64	160.15 7.77 0.06	187.05 8.23 0.07	185.96 8.93 30.75	197.20 8.86 0.05	187.34 7.89 0.12	162.98 8.80 0.32	152.78 6.99 -0.12	146.63 2.76 1.94	127.84 1.52 11.85
NORTHPORT___4 23650	126.58 1.20 8.22	126.75 1.28 2.75	126.56 0.63 0.00	126.68 0.51 0.00	126.43 0.76 0.00	127.84 1.33 6.85	163.27 4.13 -6.13	163.30 4.96 40.06	133.52 3.25 41.33	126.43 2.42 27.74	126.43 4.23 28.98	126.43 5.80 24.23	126.43 5.40 21.11	126.43 6.72 23.31	126.58 5.25 24.64	160.15 7.77 0.06	187.05 8.23 0.07	185.96 8.93 30.75	197.20 8.86 0.05	187.34 7.89 0.12	162.98 8.80 0.32	152.78 6.99 -0.12	146.63 2.76 1.94	127.84 1.52 11.85
NORTHPORT___IC 23718	131.41 1.60 3.79	128.47 1.67 1.41	128.83 2.90 0.00	127.56 1.39 0.00	128.44 2.76 0.00	132.13 1.73 2.95	164.89 4.59 -7.30	183.75 5.56 20.21	153.73 3.60 21.48	139.91 2.58 14.42	139.29 3.17 15.06	136.32 4.06 12.60	136.85 5.69 10.97	135.47 4.58 12.12	138.57 5.40 12.81	160.64 8.23 0.03	187.47 8.59 0.00	203.20 9.35 13.93	197.42 9.04 0.02	188.19 8.62 0.00	163.77 8.96 -0.32	152.92 7.14 -0.12	150.31 4.52 0.01	134.08 2.07 6.16
NORTH___COUNTRY_ESR 323785	133.33 -0.27 0.00	127.96 -0.26 0.00	125.93 0.00 0.00	126.05 -0.13 0.00	125.42 -0.25 0.00	133.49 0.13 0.00	151.77 -1.23 0.00	198.01 -0.40 0.00	171.09 -0.51 0.00	151.14 -0.60 0.00	150.88 -0.30 0.00	144.72 -0.14 0.00	141.85 -0.28 0.00	142.44 -0.57 0.00	146.12 0.15 0.00	152.44 0.00 0.00	178.53 -0.36 0.00	207.57 -0.21 0.00	187.65 -0.75 0.00	179.57 0.00 0.00	153.25 -1.24 0.00	145.82 0.15 0.00	146.53 0.73 0.00	140.10 1.93 0.00
NPX_GEN_1385_PROXY 323591	133.69 3.88 3.79	131.03 4.22 1.41	129.08 3.15 0.00	129.58 3.41 0.00	129.69 4.02 0.00	166.70 4.66 -28.68	187.00 8.10 -25.90	214.19 10.11 -5.67	190.50 7.54 -11.35	153.70 6.08 4.12	143.82 7.71 15.06	141.40 9.13 12.60	139.83 8.67 10.97	141.05 10.16 12.12	153.62 8.76 1.11	184.00 11.58 -19.98	224.54 12.89 -32.76	236.01 14.33 -13.90	233.43 13.75 -31.29	218.93 12.57 -26.79	205.99 12.82 -38.68	173.60 10.63 -17.30	154.95 6.41 -2.74	152.10 5.12 -8.82
NPX_GEN_CSC 323557	172.54 5.74 -33.20	134.56 5.64 -0.71	131.11 5.04 -0.14	130.88 4.67 -0.04	130.74 5.03 -0.04	182.12 5.86 -42.90	214.98 9.94 -52.04	197.73 12.31 12.98	166.44 9.09 14.25	148.55 6.37 9.57	149.19 8.01 9.99	145.78 9.28 8.36	143.38 8.53 7.28	145.28 10.30 8.04	146.68 9.20 8.50	165.32 12.95 0.07	196.79 15.20 -2.70	216.12 15.38 7.03	204.39 16.00 0.01	198.61 14.54 -4.51	195.08 15.15 -25.43	163.08 12.38 -5.03	223.13 7.87 -69.46	140.30 6.22 4.09
NSINS_S_GLNS_FALLS 23858	143.75 10.15 0.00	137.44 9.23 0.00	135.25 9.32 0.00	135.63 9.46 0.00	134.97 9.30 0.00	143.35 10.00 0.00	242.94 12.09 -77.86	231.12 16.07 -16.65	184.99 13.39 0.00	162.83 11.08 0.00	161.61 10.43 0.00	155.00 10.14 0.00	152.23 10.09 0.00	153.17 10.15 0.00	156.49 10.51 0.00	163.57 11.13 0.00	192.66 13.77 0.00	222.95 15.17 0.00	202.34 13.94 0.00	193.39 13.83 0.00	166.39 11.90 0.00	156.45 10.78 0.00	156.15 10.35 0.00	147.98 9.81 0.00
NUCOR_STEEL___DRP 24197	131.20 -2.40 0.00	126.03 -2.18 0.00	123.79 -2.14 0.00	124.15 -2.02 0.00	123.54 -2.14 0.00	130.82 -2.53 0.00	151.16 -1.84 0.00	194.48 -2.98 0.95	169.20 -2.40 0.00	149.47 -2.28 0.00	148.76 -2.42 0.00	142.55 -2.32 0.00	139.87 -2.27 -0.01	140.74 -2.29 -0.01	143.64 -2.34 0.00	150.15 -2.29 0.00	176.92 -1.97 0.00	206.33 -1.45 0.00	186.70 -1.70 0.00	177.59 -1.98 0.00	154.03 -0.46 0.00	143.63 -2.04 0.00	143.47 -2.33 0.00	135.82 -2.35 0.00
NUMBER_THREE_WT_PWR 323818	135.33 1.73 0.00	130.26 2.05 0.00	128.07 2.14 0.00	128.31 2.14 0.00	127.94 2.26 0.00	136.02 2.67 0.00	156.52 3.52 0.00	204.09 5.95 0.26	176.06 4.45 0.00	155.08 3.33 0.00	154.80 3.62 0.00	148.05 3.18 0.00	145.41 3.27 0.00	146.16 3.14 0.00	148.89 2.92 0.00	155.95 3.51 0.00	182.65 3.76 0.00	212.56 4.78 0.00	191.60 3.20 0.00	182.80 3.24 0.00	156.96 2.46 0.00	146.98 1.31 0.00	148.13 2.33 0.00	140.66 2.49 0.00
NYISO_LBMP_REFERENCE 24008	133.60 0.00 0.00	128.21 0.00 0.00	125.93 0.00 0.00	126.17 0.00 0.00	125.67 0.00 0.00	133.35 0.00 0.00	153.00 0.00 0.00	198.40 0.00 0.00	171.61 0.00 0.00	151.75 0.00 0.00	151.18 0.00 0.00	144.86 0.00 0.00	142.14 0.00 0.00	143.01 0.00 0.00	145.98 0.00 0.00	152.44 0.00 0.00	178.89 0.00 0.00	207.78 0.00 0.00	188.40 0.00 0.00	179.57 0.00 0.00	154.50 0.00 0.00	145.67 0.00 0.00	145.80 0.00 0.00	138.17 0.00 0.00
NYPA_BRENTWD____GT 24164	137.40 3.08 -0.72	130.48 3.07 0.81	128.33 2.39 -0.01	129.20 3.02 0.00	128.82 3.14 0.00	138.83 3.34 -2.14	171.33 6.89 -11.44	193.75 8.72 13.37	163.13 6.17 14.64	146.47 4.55 9.83	147.26 6.35 10.27	144.09 7.82 8.59	142.04 7.39 7.48	143.62 8.87 8.26	144.83 7.59 8.73	163.40 10.98 0.02	191.30 12.17 -0.25	216.45 13.92 5.25	201.37 12.99 0.01	191.83 11.85 -0.42	169.55 12.20 -2.85	155.63 9.76 -0.19	157.93 5.24 -6.88	137.70 3.73 4.20



NYPA_GOWANUS____GT5 24156	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NYPA_GOWANUS____GT6 24157	142.03 8.42 -0.01	136.17 7.95 -0.01	133.37 7.43 -0.01	133.62 7.44 -0.01	132.84 7.16 -0.01	141.23 7.87 -0.01	170.56 10.25 -7.30	212.56 12.89 -1.27	185.07 11.83 -1.63	161.92 10.17 -0.01	161.61 10.42 -0.01	154.97 9.99 -0.12	152.09 9.95 -0.01	153.33 10.30 -0.01	156.20 10.21 -0.01	163.56 10.98 -0.14	193.11 13.05 -1.17	222.11 14.33 -0.01	201.98 13.57 -0.01	192.85 12.75 -0.53	166.97 12.36 -0.11	155.44 9.76 -0.01	154.41 8.60 -0.01	145.77 7.59 -0.01
NYPA_HARLEM__RVR__GT1 24160	141.35 7.75 -0.01	135.27 7.05 -0.01	132.36 6.42 -0.01	132.49 6.31 -0.01	131.84 6.16 -0.01	140.69 7.33 -0.01	170.71 10.41 -7.30	212.38 12.71 -1.27	181.22 9.60 -0.01	161.77 10.01 -0.01	160.11 8.92 -0.01	153.42 8.54 -0.01	150.96 8.82 -0.01	152.04 9.02 -0.01	154.74 8.76 -0.01	162.82 10.37 -0.01	189.99 11.10 -0.01	220.89 13.10 -0.01	200.84 12.43 -0.01	190.17 10.59 -0.01	165.31 10.81 -0.01	153.83 8.15 -0.01	154.11 8.31 -0.01	145.63 7.46 -0.01
NYPA_HARLEM__RVR__GT2 24161	141.35 7.75 -0.01	135.27 7.05 -0.01	132.36 6.42 -0.01	132.49 6.31 -0.01	131.84 6.16 -0.01	140.69 7.33 -0.01	170.71 10.41 -7.30	212.38 12.71 -1.27	181.22 9.60 -0.01	161.77 10.01 -0.01	160.11 8.92 -0.01	153.42 8.54 -0.01	150.96 8.82 -0.01	152.04 9.02 -0.01	154.74 8.76 -0.01	162.82 10.37 -0.01	189.99 11.10 -0.01	220.89 13.10 -0.01	200.84 12.43 -0.01	190.17 10.59 -0.01	165.31 10.81 -0.01	153.83 8.15 -0.01	154.11 8.31 -0.01	145.63 7.46 -0.01
NYPA_KENT____GT 24152	141.90 8.29 -0.01	135.91 7.69 -0.01	133.11 7.17 -0.01	133.24 7.06 -0.01	132.59 6.91 -0.01	141.09 7.73 -0.01	170.40 10.10 -7.30	212.56 12.89 -1.27	183.80 11.15 -1.05	161.93 10.17 -0.01	161.32 10.13 -0.01	154.70 9.71 -0.13	151.82 9.67 -0.01	153.03 10.01 -0.01	155.92 9.93 -0.01	163.36 10.82 -0.09	192.17 12.52 -0.76	221.71 13.92 -0.01	201.39 12.99 -0.01	192.13 12.22 -0.34	166.46 11.90 -0.07	155.01 9.33 -0.01	154.26 8.45 -0.01	145.63 7.46 -0.01
NYPA_POUCH1____GT 24155	142.03 8.42 -0.01	136.55 8.33 -0.01	133.88 7.94 -0.01	134.13 7.95 -0.01	133.35 7.67 -0.01	141.36 8.00 -0.01	170.24 9.94 -7.30	212.18 12.51 -1.27	170.16 10.99 12.43	161.35 9.72 0.12	160.86 9.82 0.14	153.29 9.41 0.99	151.38 9.38 0.14	152.60 9.73 0.14	155.32 9.48 0.14	161.68 10.37 1.13	182.80 12.89 8.98	206.41 14.14 15.51	190.37 13.38 11.40	184.21 12.75 8.11	161.52 12.20 5.18	155.00 9.46 0.13	153.97 8.16 -0.01	145.77 7.59 -0.01
NYPA_VERNON____GT2 24162	141.76 8.15 -0.01	135.66 7.43 -0.01	132.86 6.92 -0.01	132.99 6.81 -0.01	132.34 6.66 -0.01	140.96 7.60 -0.01	170.40 10.10 -7.30	212.38 12.71 -1.27	182.72 10.64 -0.47	161.93 10.17 -0.01	161.01 9.82 -0.01	154.41 9.41 -0.14	151.67 9.52 -0.01	152.75 9.73 -0.01	155.47 9.48 -0.01	163.16 10.67 -0.05	191.41 12.17 -0.35	221.10 13.31 -0.01	200.84 12.43 -0.01	191.38 11.67 -0.15	165.95 11.43 -0.03	154.72 9.03 -0.01	154.26 8.45 -0.01	145.49 7.32 -0.01
NYPA_VERNON____GT3 24163	141.76 8.15 -0.01	135.66 7.43 -0.01	132.86 6.92 -0.01	132.99 6.81 -0.01	132.34 6.66 -0.01	140.96 7.60 -0.01	170.40 10.10 -7.30	212.38 12.71 -1.27	182.72 10.64 -0.47	161.93 10.17 -0.01	161.01 9.82 -0.01	154.41 9.41 -0.14	151.67 9.52 -0.01	152.75 9.73 -0.01	155.47 9.48 -0.01	163.16 10.67 -0.05	191.41 12.17 -0.35	221.10 13.31 -0.01	200.84 12.43 -0.01	191.38 11.67 -0.15	165.95 11.43 -0.03	154.72 9.03 -0.01	154.26 8.45 -0.01	145.49 7.32 -0.01
NYPA____ASTORIA_CC1 323568	141.62 8.02 -0.01	135.65 7.43 -0.01	132.86 6.92 -0.01	132.99 6.81 -0.01	132.34 6.66 -0.01	140.96 7.60 -0.01	170.24 9.94 -7.30	212.18 12.51 -1.27	182.30 10.47 -0.22	161.77 10.01 -0.01	160.87 9.68 -0.01	154.26 9.28 -0.12	151.53 9.38 -0.01	152.61 9.58 -0.01	155.47 9.48 -0.01	162.98 10.51 -0.03	190.87 11.80 -0.17	220.89 13.10 -0.01	200.84 12.43 -0.01	191.14 11.50 -0.07	165.78 11.27 -0.01	154.57 8.89 -0.01	154.26 8.45 -0.01	145.49 7.32 -0.01
NYPA____ASTORIA_CC2 323569	141.62 8.02 -0.01	135.65 7.43 -0.01	132.86 6.92 -0.01	132.99 6.81 -0.01	132.34 6.66 -0.01	140.96 7.60 -0.01	170.24 9.94 -7.30	212.18 12.51 -1.27	182.30 10.47 -0.22	161.77 10.01 -0.01	160.87 9.68 -0.01	154.26 9.28 -0.12	151.53 9.38 -0.01	152.61 9.58 -0.01	155.47 9.48 -0.01	162.98 10.51 -0.03	190.87 11.80 -0.17	220.89 13.10 -0.01	200.84 12.43 -0.01	191.14 11.50 -0.07	165.78 11.27 -0.01	154.57 8.89 -0.01	154.26 8.45 -0.01	145.49 7.32 -0.01
NYPA____HOLTSVILL 23794	170.41 3.61 -33.21	132.50 3.58 -0.71	128.97 2.90 -0.14	128.86 2.65 -0.04	128.72 3.01 -0.04	180.00 3.73 -42.92	211.96 6.89 -52.07	193.83 8.53 13.10	163.59 6.35 14.37	146.35 4.24 9.64	147.16 6.05 10.07	143.82 7.38 8.43	141.62 6.82 7.34	143.34 8.44 8.11	144.56 7.15 8.57	162.63 10.21 0.02	193.00 11.46 -2.65	212.77 12.26 7.27	200.62 12.24 0.01	195.22 11.14 -4.51	191.67 11.74 -25.44	155.42 9.61 -0.13	225.61 5.40 -74.42	138.05 4.01 4.12
NYPA____HELLGATE_GT1 24158	141.35 7.75 -0.01	135.27 7.05 -0.01	132.36 6.42 -0.01	132.49 6.31 -0.01	131.84 6.16 -0.01	140.69 7.33 -0.01	170.71 10.41 -7.30	212.38 12.71 -1.27	181.22 9.60 -0.01	161.77 10.01 -0.01	160.11 8.92 -0.01	153.42 8.54 -0.01	150.96 8.82 -0.01	152.04 9.02 -0.01	154.74 8.76 -0.01	162.82 10.37 -0.01	189.99 11.10 -0.01	220.89 13.10 -0.01	200.84 12.43 -0.01	190.17 10.59 -0.01	165.31 10.81 -0.01	153.83 8.15 -0.01	154.11 8.31 -0.01	145.63 7.46 -0.01
NYPA____HELLGATE_GT2 24159	141.35 7.75 -0.01	135.27 7.05 -0.01	132.36 6.42 -0.01	132.49 6.31 -0.01	131.84 6.16 -0.01	140.69 7.33 -0.01	170.71 10.41 -7.30	212.38 12.71 -1.27	181.22 9.60 -0.01	161.77 10.01 -0.01	160.11 8.92 -0.01	153.42 8.54 -0.01	150.96 8.82 -0.01	152.04 9.02 -0.01	154.74 8.76 -0.01	162.82 10.37 -0.01	189.99 11.10 -0.01	220.89 13.10 -0.01	200.84 12.43 -0.01	190.17 10.59 -0.01	165.31 10.81 -0.01	153.83 8.15 -0.01	154.11 8.31 -0.01	145.63 7.46 -0.01
NYS_BARGE____HYD 23848	116.37 -17.23 0.00	111.16 -17.05 0.00	109.81 -16.12 0.00	109.90 -16.28 0.00	109.71 -15.96 0.00	113.48 -19.87 0.00	129.89 -23.11 0.00	163.40 -33.53 1.47	143.55 -29.69 -1.63	126.54 -25.19 0.02	125.93 -25.25 0.00	120.67 -24.19 0.00	118.25 -23.88 0.01	119.26 -23.74 0.01	121.28 -24.67 0.02	121.35 -25.77 5.33	150.28 -28.98 -0.37	177.77 -30.13 -0.12	160.88 -27.51 0.01	153.34 -26.22 0.01	135.18 -19.32 0.00	124.99 -20.69 0.00	125.54 -20.26 0.00	118.82 -19.34 0.00
OAK ORCHARD____HYD 24046	123.98 -9.62 0.00	118.60 -9.62 0.00	116.99 -8.94 0.00	117.09 -9.09 0.00	116.62 -9.05 0.00	122.42 -10.93 0.00	140.91 -12.09 0.00	179.46 -17.46 1.48	155.86 -15.78 -0.04	138.84 -12.90 0.00	138.18 -13.00 0.00	132.70 -12.17 0.00	130.19 -11.94 0.00	130.99 -12.01 0.01	133.27 -12.70 0.00	137.63 -13.72 1.09	164.05 -14.85 -0.01	193.86 -13.92 0.00	174.83 -13.57 0.00	166.82 -12.75 0.00	145.23 -9.27 0.00	134.89 -10.78 0.00	135.16 -10.64 0.00	127.66 -10.51 0.00



OAKDALE___35_KV_LOAD 356122	130.80 -2.81 0.00	125.52 -2.69 0.00	123.16 -2.77 0.00	123.52 -2.65 0.00	123.03 -2.64 0.00	130.29 -3.07 0.00	153.81 -2.60 -3.41	192.87 -4.96 0.57	169.50 -2.75 -0.64	149.02 -2.73 -0.01	148.16 -3.02 0.00	141.97 -2.90 0.00	139.29 -2.84 0.01	140.28 -2.72 0.01	143.21 -2.77 -0.01	151.97 -2.44 -1.97	176.54 -2.50 -0.16	205.35 -2.49 -0.06	186.34 -2.07 -0.01	177.43 -2.15 -0.01	153.88 -0.62 0.00	143.49 -2.19 0.00	143.18 -2.62 0.00	135.68 -2.49 0.00
OCC_CHEM___DRP 24175	116.10 -17.50 0.00	110.90 -17.31 0.00	108.93 -17.00 0.00	109.26 -16.91 0.00	108.96 -16.71 0.00	112.28 -21.07 0.00	126.68 -26.32 0.00	160.21 -36.70 1.49	137.23 -32.09 2.29	124.26 -27.47 0.03	124.27 -26.91 0.00	119.22 -25.64 0.00	116.97 -25.16 0.01	117.68 -25.31 0.02	119.53 -26.42 0.03	119.18 -26.22 7.04	146.84 -31.48 0.56	173.28 -34.28 0.22	156.89 -31.46 0.05	148.82 -30.71 0.05	133.64 -20.86 0.00	123.82 -21.85 0.00	123.78 -22.02 0.00	117.86 -20.31 0.00
OH_GEN_PROXY 24063	117.16 -16.44 0.00	111.93 -16.29 0.00	108.99 -15.49 1.45	104.35 -15.65 6.17	106.24 -15.34 4.10	114.15 -19.20 0.00	130.66 -22.34 0.00	164.36 -32.54 1.50	139.98 -28.83 2.80	127.29 -24.43 0.02	126.69 -24.49 0.00	121.40 -23.47 0.00	118.97 -23.16 0.01	119.97 -23.03 0.01	121.87 -24.09 0.02	121.18 -24.84 6.42	150.00 -28.26 0.63	177.80 -29.72 0.26	161.40 -26.95 0.05	154.02 -25.50 0.05	135.80 -18.70 0.00	130.76 -19.81 -4.90	121.37 -19.53 4.90	119.51 -18.66 0.00
OLIN_CORP_DRP 24177	115.30 -18.30 0.00	110.14 -18.08 0.00	108.17 -17.76 0.00	108.51 -17.66 0.00	108.20 -17.47 0.00	112.28 -21.07 0.00	126.84 -26.16 0.00	160.22 -36.70 1.48	138.55 -31.92 1.14	124.41 -27.31 0.03	124.42 -26.76 0.00	119.22 -25.64 0.00	116.97 -25.16 0.01	117.83 -25.17 0.02	119.67 -26.28 0.03	117.92 -27.74 6.77	147.47 -31.13 0.29	173.79 -33.87 0.12	157.09 -31.27 0.04	149.00 -30.53 0.04	133.64 -20.86 0.00	123.82 -21.85 0.00	123.78 -22.02 0.00	117.72 -20.45 0.00
OLIN_CORP_DSASP 323712	116.10 -17.50 0.00	110.90 -17.31 0.00	108.93 -17.00 0.00	109.26 -16.91 0.00	108.96 -16.71 0.00	112.28 -21.07 0.00	126.68 -26.32 0.00	160.21 -36.70 1.49	137.23 -32.09 2.29	124.26 -27.47 0.03	124.27 -26.91 0.00	119.22 -25.64 0.00	116.97 -25.16 0.01	117.68 -25.31 0.02	119.53 -26.42 0.03	119.18 -26.22 7.04	146.84 -31.48 0.56	173.28 -34.28 0.22	156.89 -31.46 0.05	148.82 -30.71 0.05	133.64 -20.86 0.00	123.82 -21.85 0.00	123.78 -22.02 0.00	117.86 -20.31 0.00
ONEIDA_HERK_LFGE 323681	136.41 2.81 0.00	131.16 2.95 0.00	128.83 2.90 0.00	129.08 2.90 0.00	128.68 3.01 0.00	136.81 3.46 0.00	157.59 4.59 0.00	204.99 6.94 0.36	177.10 5.49 0.00	156.30 4.55 0.00	155.87 4.69 0.00	149.21 4.34 0.00	146.40 4.26 0.00	147.30 4.29 0.00	150.06 4.08 0.00	157.01 4.57 0.00	184.44 5.55 0.00	214.43 6.65 0.00	193.86 5.47 0.00	184.78 5.21 0.00	159.13 4.63 0.00	149.02 3.35 0.00	149.29 3.49 0.00	141.48 3.31 0.00
ONEIDA___115KV_TB4 55905	136.54 2.94 0.00	131.42 3.21 0.00	128.95 3.02 0.00	129.33 3.15 0.00	128.82 3.14 0.00	136.95 3.60 0.00	158.05 5.05 0.00	204.56 6.94 0.79	177.44 5.83 0.00	156.45 4.70 0.00	155.87 4.69 0.00	149.21 4.35 0.00	146.40 4.26 0.00	147.31 4.29 0.00	150.21 4.23 0.00	157.32 4.88 0.00	184.79 5.90 0.00	215.05 7.27 0.00	194.42 6.03 0.00	185.31 5.75 0.00	159.90 5.41 0.00	149.60 3.93 0.00	149.30 3.50 0.00	141.34 3.18 0.00
ONONDAGA_REF_OCCRA 23987	130.66 -2.94 0.00	125.52 -2.69 0.00	123.16 -2.77 0.00	123.52 -2.65 0.00	122.91 -2.76 0.00	130.29 -3.07 0.00	150.40 -2.60 0.00	192.98 -3.97 1.46	168.52 -3.09 0.00	149.02 -2.73 0.00	148.31 -2.87 0.00	142.11 -2.75 0.00	139.44 -2.70 0.00	140.31 -2.72 -0.01	143.20 -2.77 0.00	149.69 -2.74 0.00	175.85 -3.04 0.00	204.87 -2.91 0.00	185.57 -2.83 0.00	176.69 -2.87 0.00	152.95 -1.54 0.00	143.05 -2.62 0.00	142.88 -2.92 0.00	135.13 -3.04 0.00
ONONDAGA___COGEN 23986	130.66 -2.94 0.00	125.52 -2.69 0.00	123.29 -2.64 0.00	123.65 -2.52 0.00	123.03 -2.64 0.00	130.42 -2.93 0.00	150.40 -2.60 0.00	193.81 -3.77 0.82	168.52 -3.09 0.00	149.02 -2.73 0.00	148.46 -2.72 0.00	142.26 -2.61 0.00	139.58 -2.56 0.00	140.44 -2.57 -0.01	143.35 -2.63 0.00	149.69 -2.74 0.00	176.03 -2.86 0.00	205.08 -2.70 0.00	185.57 -2.83 0.00	176.69 -2.87 0.00	152.95 -1.54 0.00	143.05 -2.62 0.00	142.88 -2.92 0.00	135.26 -2.90 0.00
ONTARIO___LFGE 23819	128.12 -5.48 0.00	122.95 -5.26 0.00	120.89 -5.04 0.00	121.25 -4.92 0.00	120.64 -5.03 0.00	127.49 -5.86 0.00	147.50 -5.50 0.00	188.82 -8.33 1.26	164.23 -7.37 0.00	145.67 -6.07 0.00	144.98 -6.20 0.00	138.92 -5.95 0.00	136.30 -5.83 0.00	137.14 -5.87 0.00	139.85 -6.13 0.00	146.04 -6.40 0.00	172.09 -6.80 0.00	202.18 -5.60 0.00	182.55 -5.84 0.00	174.00 -5.57 0.00	150.79 -3.71 0.00	140.28 -5.39 0.00	140.26 -5.54 0.00	132.49 -5.67 0.00
ORANGEVILLE_WT_PWR 323706	119.57 -14.03 0.00	114.50 -13.72 0.00	113.22 -12.71 0.00	113.43 -12.74 0.00	113.48 -12.19 0.00	118.28 -15.07 0.00	136.33 -16.67 0.00	171.94 -25.00 1.45	140.75 -22.47 8.38	131.16 -20.49 0.10	130.77 -20.41 0.00	125.30 -19.56 0.00	122.51 -19.62 0.01	123.11 -19.87 0.03	125.44 -20.44 0.10	106.08 -20.58 25.77	153.58 -23.25 2.06	181.82 -25.15 0.81	165.42 -22.80 0.17	157.48 -21.91 0.17	138.90 -15.60 0.00	128.92 -16.75 0.00	129.32 -16.48 0.00	122.82 -15.34 0.00
ORANGEVILLE___ESR 323794	119.57 -14.03 0.00	114.50 -13.72 0.00	113.22 -12.71 0.00	113.43 -12.74 0.00	113.48 -12.19 0.00	118.28 -15.07 0.00	136.33 -16.67 0.00	171.94 -25.00 1.45	140.75 -22.47 8.38	131.16 -20.49 0.10	130.77 -20.41 0.00	125.30 -19.56 0.00	122.51 -19.62 0.01	123.11 -19.87 0.03	125.44 -20.44 0.10	106.08 -20.58 25.77	153.58 -23.25 2.06	181.82 -25.15 0.81	165.42 -22.80 0.17	157.48 -21.91 0.17	138.90 -15.60 0.00	128.92 -16.75 0.00	129.32 -16.48 0.00	122.82 -15.34 0.00
OSWEGATCHIE___HYD 24044	134.80 1.20 0.00	129.88 1.66 0.00	127.82 1.89 0.00	128.07 1.90 0.00	127.30 1.63 0.00	135.08 1.73 0.00	154.08 1.08 0.00	201.77 3.37 0.00	173.83 2.23 0.00	153.27 1.52 0.00	152.85 1.67 0.00	146.16 1.30 0.00	143.56 1.42 0.00	144.02 1.01 0.00	147.14 1.16 0.00	153.65 1.21 0.00	179.79 0.90 0.00	209.43 1.65 0.00	188.77 0.38 0.00	180.11 0.54 0.00	153.42 -1.07 0.00	144.80 -0.87 0.00	146.53 0.73 0.00	140.10 1.93 0.00
OSWEGO___5 23606	128.52 -5.08 0.00	123.34 -4.87 0.00	121.14 -4.79 0.00	121.38 -4.79 0.00	120.90 -4.78 0.00	128.15 -5.20 0.00	147.50 -5.50 0.00	194.71 -7.54 -3.84	165.09 -6.52 0.00	146.14 -5.61 0.00	145.44 -5.74 0.00	139.36 -5.50 0.00	136.88 -5.26 0.00	137.72 -5.29 0.00	140.43 -5.55 0.00	146.65 -5.79 0.00	172.27 -6.62 0.00	200.72 -7.07 0.00	181.80 -6.60 0.00	173.11 -6.46 0.00	149.55 -4.95 0.00	140.28 -5.39 0.00	140.26 -5.54 0.00	132.77 -5.39 0.00
OSWEGO___6 23613	128.52 -5.08 0.00	123.34 -4.87 0.00	121.14 -4.79 0.00	121.38 -4.79 0.00	120.90 -4.78 0.00	128.15 -5.20 0.00	147.50 -5.50 0.00	194.71 -7.54 -3.84	165.09 -6.52 0.00	146.14 -5.61 0.00	145.44 -5.74 0.00	139.36 -5.50 0.00	136.88 -5.26 0.00	137.72 -5.29 0.00	140.43 -5.55 0.00	146.65 -5.79 0.00	172.27 -6.62 0.00	200.72 -7.07 0.00	181.80 -6.60 0.00	173.11 -6.46 0.00	149.55 -4.95 0.00	140.28 -5.39 0.00	140.26 -5.54 0.00	132.77 -5.39 0.00



OUTOKUMPU-AB___DRP 24206	117.57 -16.03 0.00	112.31 -15.90 0.00	110.31 -15.62 0.00	110.65 -15.52 0.00	110.47 -15.21 0.00	114.55 -18.80 0.00	129.74 -23.26 0.00	163.99 -32.93 1.48	142.08 -28.32 1.21	127.14 -24.58 0.03	126.99 -24.19 0.00	121.83 -23.03 0.00	119.39 -22.74 0.01	120.40 -22.60 0.02	122.30 -23.65 0.03	121.40 -23.93 7.11	151.03 -27.55 0.31	177.94 -29.71 0.13	161.04 -27.32 0.04	152.77 -26.76 0.04	136.27 -18.23 0.00	126.15 -19.52 0.00	125.83 -19.97 0.00	119.93 -18.24 0.00
OXBOW___BTM 323836	116.37 -17.23 0.00	111.16 -17.05 0.00	109.93 -16.00 0.00	109.90 -16.28 0.00	109.83 -15.84 0.00	112.82 -20.53 0.00	128.98 -24.02 0.00	162.20 -34.72 1.49	139.10 -30.71 1.80	125.77 -25.95 0.03	125.18 -26.00 0.00	119.95 -24.91 0.00	117.68 -24.44 0.01	118.69 -24.31 0.02	120.40 -25.54 0.03	119.58 -25.77 7.09	148.21 -30.24 0.45	176.03 -31.58 0.18	159.53 -28.82 0.04	152.24 -27.29 0.04	134.26 -20.23 0.00	124.26 -21.41 0.00	124.81 -20.99 0.00	118.27 -19.89 0.00
OXBOW___ 24026	116.37 -17.23 0.00	111.03 -17.18 0.00	109.06 -16.87 0.00	109.39 -16.78 0.00	109.21 -16.46 0.00	112.82 -20.54 0.00	127.45 -25.55 0.00	161.40 -35.51 1.49	138.92 -30.89 1.80	125.17 -26.56 0.03	125.03 -26.15 0.00	119.95 -24.92 0.00	117.68 -24.45 0.01	118.54 -24.46 0.02	120.40 -25.55 0.03	119.59 -25.76 7.09	148.21 -30.23 0.45	174.77 -32.83 0.18	158.21 -30.14 0.04	150.08 -29.45 0.04	134.26 -20.24 0.00	124.26 -21.41 0.00	124.22 -21.58 0.00	118.27 -19.90 0.00
OXY_CHEM_DSASP 323612	116.10 -17.50 0.00	110.90 -17.31 0.00	108.93 -17.00 0.00	109.26 -16.91 0.00	108.96 -16.71 0.00	112.28 -21.07 0.00	126.68 -26.32 0.00	160.21 -36.70 1.49	137.23 -32.09 2.29	124.26 -27.47 0.03	124.27 -26.91 0.00	119.22 -25.64 0.00	116.97 -25.16 0.01	117.68 -25.31 0.02	119.53 -26.42 0.03	119.18 -26.22 7.04	146.84 -31.48 0.56	173.28 -34.28 0.22	156.89 -31.46 0.05	148.82 -30.71 0.05	133.64 -20.86 0.00	123.82 -21.85 0.00	123.78 -22.02 0.00	117.86 -20.31 0.00
OZONE_PARK_ESR 323760	142.15 8.55 0.00	136.03 7.82 0.00	133.36 7.43 0.00	133.62 7.44 0.00	132.84 7.16 0.00	141.35 8.00 0.00	170.85 10.56 -7.30	213.17 13.49 -1.27	182.76 11.15 0.00	162.37 10.62 0.00	161.31 10.13 0.00	154.57 9.71 0.00	152.09 9.95 0.00	153.02 10.01 0.00	155.90 9.93 0.00	163.57 11.13 0.00	191.41 12.52 0.00	221.70 13.92 0.00	201.40 13.00 0.00	192.14 12.57 0.00	166.24 11.74 0.00	154.85 9.18 0.00	154.69 8.89 0.00	146.04 7.88 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	116.10 -17.50 0.00	110.90 -17.31 0.00	108.93 -17.00 0.00	109.26 -16.91 0.00	108.96 -16.71 0.00	112.28 -21.07 0.00	126.68 -26.32 0.00	160.21 -36.70 1.49	137.23 -32.09 2.29	124.26 -27.47 0.03	124.27 -26.91 0.00	119.22 -25.64 0.00	116.97 -25.16 0.01	117.68 -25.31 0.02	119.53 -26.42 0.03	119.18 -26.22 7.04	146.84 -31.48 0.56	173.28 -34.28 0.22	156.89 -31.46 0.05	148.82 -30.71 0.05	133.64 -20.86 0.00	123.82 -21.85 0.00	123.78 -22.02 0.00	117.86 -20.31 0.00
PACKARD___115KV_DUPONT_184 80571	116.10 -17.50 0.00	110.90 -17.31 0.00	109.81 -16.12 0.00	109.77 -16.40 0.00	109.59 -16.09 0.00	112.29 -21.07 0.00	128.22 -24.78 0.00	161.20 -35.71 1.49	137.57 -31.75 2.29	125.01 -26.71 0.03	124.42 -26.76 0.00	119.22 -25.64 0.00	116.97 -25.16 0.01	117.83 -25.17 0.02	119.67 -26.27 0.03	118.87 -26.53 7.04	146.84 -31.49 0.56	174.74 -32.82 0.22	158.39 -29.96 0.05	151.33 -28.19 0.05	133.49 -21.01 0.00	123.67 -22.00 0.00	124.37 -21.43 0.00	117.86 -20.31 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	141.49 7.88 -0.01	135.40 7.18 -0.01	132.61 6.67 -0.01	132.74 6.56 -0.01	132.09 6.41 -0.01	140.69 7.33 -0.01	170.55 10.25 -7.30	212.17 12.50 -1.27	181.22 9.61 -0.01	161.47 9.71 -0.01	159.96 8.77 -0.01	153.27 8.40 -0.01	150.82 8.67 -0.01	151.75 8.72 -0.01	154.74 8.76 -0.01	162.20 9.76 -0.01	189.63 10.73 -0.01	220.67 12.88 -0.01	200.46 12.06 -0.01	190.53 10.95 -0.01	165.16 10.66 -0.01	153.69 8.01 -0.01	154.12 8.31 -0.01	145.50 7.32 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	142.83 9.22 -0.01	136.68 8.46 -0.01	134.00 8.06 -0.01	134.13 7.95 -0.01	133.35 7.67 -0.01	142.03 8.67 -0.01	172.08 11.78 -7.30	214.16 14.48 -1.27	182.77 11.15 -0.01	162.68 10.93 -0.01	161.17 9.98 -0.01	154.43 9.56 -0.01	151.95 9.81 -0.01	152.89 9.87 -0.01	155.91 9.93 -0.01	163.42 10.98 -0.01	191.24 12.34 -0.01	222.54 14.75 -0.01	202.16 13.75 -0.01	192.15 12.57 -0.01	166.40 11.90 -0.01	154.86 9.18 -0.01	155.43 9.62 -0.01	146.74 8.57 -0.01
PATROON___115KV_TB1 80586	139.88 6.28 0.00	133.98 5.77 0.00	131.60 5.67 0.00	131.98 5.80 0.00	131.33 5.66 0.00	139.35 6.00 0.00	201.90 6.88 -42.02	214.73 7.34 -8.98	178.30 6.69 0.00	157.97 6.22 0.00	157.23 6.05 0.00	150.80 5.94 0.00	148.11 5.97 0.00	149.16 6.15 0.00	151.23 5.26 0.00	157.32 4.88 0.00	184.08 5.19 0.00	212.77 4.99 0.00	193.29 4.90 0.00	184.60 5.03 0.00	159.90 5.41 0.00	150.62 4.95 0.00	152.22 6.42 0.00	144.11 5.94 0.00
PATTRSNVILLE___SOLAR 323815	138.81 5.21 0.00	132.96 4.75 0.00	130.71 4.78 0.00	130.96 4.79 0.00	130.45 4.77 0.00	138.55 5.20 0.00	242.01 6.89 -82.12	224.42 8.72 -17.30	177.77 6.17 0.00	156.30 4.55 0.00	155.26 4.08 0.00	148.62 3.76 0.00	145.98 3.84 0.00	147.30 4.29 0.00	150.94 4.97 0.00	158.38 5.94 0.00	186.75 7.86 0.00	216.51 8.73 0.00	196.49 8.10 0.00	187.28 7.72 0.00	161.61 7.11 0.00	151.65 5.97 0.00	151.34 5.54 0.00	143.28 5.12 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	121.71 -11.89 0.00	116.29 -11.92 0.00	114.22 -11.71 0.00	114.69 -11.48 0.00	114.49 -11.18 0.00	119.48 -13.87 0.00	136.48 -16.52 0.00	172.13 -24.80 1.47	149.42 -19.91 2.28	133.36 -18.36 0.03	132.28 -18.90 0.00	126.90 -17.96 0.00	124.22 -17.91 0.01	125.55 -17.45 0.02	128.72 -17.23 0.03	128.28 -16.16 8.00	160.26 -18.07 0.56	187.40 -20.15 0.22	171.39 -16.96 0.05	162.82 -16.70 0.05	141.83 -12.67 0.00	131.10 -14.57 0.00	130.49 -15.31 0.00	124.35 -13.82 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	141.62 8.02 0.00	135.78 7.56 0.00	133.23 7.30 0.00	133.36 7.19 0.00	132.59 6.91 0.00	141.09 7.73 0.00	170.61 10.10 -7.51	212.22 12.50 -1.32	182.07 10.47 0.00	161.16 9.41 0.00	160.40 9.22 0.00	153.70 8.84 0.00	151.09 8.95 0.00	151.88 8.87 0.00	154.88 8.90 0.00	162.35 9.91 0.00	190.52 11.63 0.00	221.49 13.71 0.00	200.83 12.43 0.00	191.78 12.21 0.00	165.93 11.43 0.00	154.41 8.74 0.00	154.11 8.31 0.00	145.21 7.05 0.00
PEEKSKILL___ 23653	139.21 5.61 0.00	133.47 5.26 0.00	130.71 4.78 0.00	130.96 4.79 0.00	130.19 4.52 0.00	138.55 5.20 0.00	167.57 7.34 -7.22	208.79 9.13 -1.25	179.15 7.54 0.00	158.88 7.13 0.00	158.14 6.96 0.00	151.53 6.67 0.00	148.82 6.68 0.00	150.02 7.01 0.00	152.69 6.72 0.00	160.06 7.62 0.00	187.65 8.76 0.00	217.34 9.56 0.00	197.44 9.04 0.00	188.01 8.44 0.00	163.14 8.65 0.00	152.23 6.56 0.00	151.48 5.68 0.00	143.00 4.83 0.00
PGE MADISON___WINDPWR 24146	140.95 7.35 0.00	135.91 7.69 0.00	133.23 7.30 0.00	133.87 7.70 0.00	133.59 7.92 0.00	142.55 9.20 0.00	171.04 13.16 -4.88	215.33 17.06 0.14	186.51 14.07 -0.83	162.84 11.08 -0.01	161.91 10.73 0.00	154.86 10.00 0.00	151.82 9.67 -0.02	152.78 9.72 -0.04	155.91 9.93 -0.01	167.04 12.04 -2.56	195.01 15.92 -0.20	228.22 20.36 -0.08	205.56 17.14 -0.02	195.92 16.34 -0.02	169.64 15.14 0.00	156.60 10.93 0.00	155.13 9.33 0.00	146.46 8.29 0.00



PIERCEFIELD___HYD 23852	135.07 1.47 0.00	130.14 1.92 0.00	128.20 2.27 0.00	128.44 2.27 0.00	127.43 1.76 0.00	134.82 1.47 0.00	152.85 -0.15 0.00	200.98 2.58 0.00	173.15 1.54 0.00	152.66 0.91 0.00	152.09 0.91 0.00	145.30 0.43 0.00	142.28 0.14 0.00	143.01 0.00 0.00	146.27 0.29 0.00	152.44 0.00 0.00	179.25 0.36 0.00	208.82 1.04 0.00	188.58 0.19 0.00	179.75 0.18 0.00	152.02 -2.47 0.00	144.51 -1.17 0.00	145.95 0.15 0.00	140.10 1.93 0.00
PINELAWN_CC_1 323563	138.44 4.00 -0.83	131.99 3.98 0.20	129.34 3.40 -0.01	129.45 3.27 0.00	129.32 3.65 0.00	139.01 4.27 -1.39	170.06 7.80 -9.26	205.43 9.92 2.89	174.65 7.21 4.17	154.57 5.62 2.80	155.67 7.41 2.92	151.11 8.69 2.44	148.25 8.24 2.13	150.39 9.73 2.35	151.95 8.46 2.48	163.87 11.44 0.01	191.89 12.89 -0.12	232.67 14.75 -10.14	202.34 13.94 0.00	192.52 12.75 -0.20	169.40 12.82 -2.08	156.53 10.49 -0.37	155.18 6.12 -3.26	141.67 4.70 1.20
PJM_GEN_HTP_PROXY 323702	140.68 7.08 0.00	134.62 6.41 0.00	131.73 5.80 0.00	131.98 5.81 0.00	131.20 5.52 0.00	139.89 6.53 0.00	169.17 8.87 -7.29	211.18 11.50 -1.27	180.87 9.26 0.00	160.70 8.95 0.00	159.79 8.61 0.00	153.12 8.25 0.00	150.38 8.24 0.00	151.59 8.58 0.00	154.29 8.32 0.00	161.69 9.30 0.05	189.67 10.73 -0.05	219.41 11.63 0.00	199.32 10.92 0.00	189.80 10.23 0.00	164.69 10.19 0.00	158.43 7.86 -4.90	148.05 7.14 4.90	144.39 6.22 0.00
PJM_GEN_KEystone 24065	130.00 -3.60 0.00	124.49 -3.72 0.00	122.27 -3.66 0.00	122.39 -3.78 0.00	121.91 -3.77 0.00	128.68 -4.67 0.00	153.53 -4.12 -4.65	189.65 -8.92 -0.17	161.78 -8.23 1.60	144.30 -7.43 0.01	134.44 -7.55 9.19	127.30 -7.24 10.32	119.85 -7.10 15.18	118.73 -7.00 17.28	121.05 -7.15 17.78	127.06 -6.70 18.68	170.69 -7.51 0.69	198.44 -8.32 1.02	180.72 -6.97 0.71	173.31 -5.75 0.50	151.40 -2.78 0.31	145.89 -4.67 -4.89	135.66 -5.24 4.90	133.03 -5.11 0.03
PJM_GEN_NEPTUNE_PROXY 323594	136.80 3.20 0.00	131.28 3.07 0.00	128.45 2.52 0.00	128.44 2.27 0.00	128.18 2.51 0.00	136.55 3.20 0.00	166.57 6.28 -7.30	207.40 7.73 -1.27	177.10 5.49 0.00	156.30 4.55 0.00	157.53 6.35 0.00	152.67 7.82 0.01	149.66 7.53 0.01	151.88 8.87 0.01	153.26 7.30 0.01	162.14 9.76 0.06	189.49 10.55 -0.05	220.49 11.63 -1.08	199.52 11.11 -0.01	189.80 10.23 0.00	165.38 10.81 -0.07	159.48 8.89 -4.92	145.70 4.80 4.90	141.74 3.59 0.01
PJM_GEN_VFT_PROXY 323633	140.01 6.41 0.00	134.24 6.03 0.00	131.34 5.41 0.00	131.59 5.42 0.00	130.83 5.15 0.00	139.49 6.14 0.00	168.55 8.26 -7.30	210.37 10.71 -1.26	167.70 8.58 12.49	160.12 8.49 0.12	159.19 8.16 0.15	151.54 7.67 1.00	149.80 7.81 0.15	150.87 8.00 0.15	153.70 7.88 0.15	160.09 8.84 1.19	179.76 9.83 8.96	202.65 10.38 15.52	186.93 9.98 11.44	180.76 9.33 8.14	158.73 9.43 5.19	157.42 6.99 -4.76	147.61 6.71 4.90	143.97 5.80 0.00
PLATSBURG_115KV_PMLD1 355749	134.94 1.34 0.00	129.37 1.15 0.00	127.44 1.51 0.00	127.56 1.39 0.00	126.80 1.13 0.00	134.95 1.60 0.00	154.84 1.84 0.00	201.78 3.37 0.00	174.18 2.57 0.00	154.02 2.28 0.00	153.75 2.57 0.00	146.89 2.03 0.00	143.84 1.71 0.00	144.73 1.72 0.00	148.31 2.34 0.00	155.18 2.74 0.00	181.03 2.15 0.00	210.07 2.29 0.00	191.41 3.01 0.00	182.44 2.87 0.00	156.50 2.01 0.00	148.73 3.06 0.00	149.01 3.21 0.00	141.62 3.45 0.00
PLEASANTVLY___LBMP 24000	139.21 5.61 0.00	133.47 5.26 0.00	130.97 5.04 0.00	131.09 4.92 0.00	130.45 4.78 0.00	138.55 5.20 0.00	167.58 6.88 -7.69	208.10 8.33 -1.36	178.64 7.04 0.00	158.43 6.68 0.00	157.53 6.35 0.00	151.09 6.23 0.00	148.53 6.40 0.00	149.45 6.44 0.00	152.25 6.28 0.00	159.45 7.01 0.00	186.58 7.69 0.00	216.09 8.31 0.00	196.31 7.91 0.00	187.29 7.72 0.00	162.22 7.72 0.00	151.50 5.83 0.00	151.34 5.54 0.00	143.00 4.84 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	140.01 6.41 0.00	134.24 6.03 0.00	131.72 5.79 0.00	131.85 5.68 0.00	131.20 5.53 0.00	139.35 6.00 0.00	168.30 7.96 -7.34	209.80 10.12 -1.28	180.19 8.58 0.00	159.79 8.04 0.00	158.89 7.71 0.00	152.40 7.53 0.00	149.81 7.68 0.00	150.74 7.72 0.00	153.57 7.59 0.00	160.98 8.54 0.00	188.37 9.48 0.00	218.38 10.60 0.00	198.38 9.98 0.00	189.26 9.70 0.00	163.77 9.27 0.00	152.66 6.99 0.00	152.36 6.56 0.00	143.97 5.80 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	140.01 6.41 0.00	134.24 6.03 0.00	131.72 5.79 0.00	131.85 5.68 0.00	131.20 5.53 0.00	139.35 6.00 0.00	168.30 7.96 -7.34	209.80 10.12 -1.28	180.19 8.58 0.00	159.79 8.04 0.00	158.89 7.71 0.00	152.40 7.53 0.00	149.81 7.68 0.00	150.74 7.72 0.00	153.57 7.59 0.00	160.98 8.54 0.00	188.37 9.48 0.00	218.38 10.60 0.00	198.38 9.98 0.00	189.26 9.70 0.00	163.77 9.27 0.00	152.66 6.99 0.00	152.36 6.56 0.00	143.97 5.80 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	140.41 6.81 0.00	134.75 6.54 0.00	132.10 6.17 0.00	132.35 6.18 0.00	131.58 5.91 0.00	139.89 6.53 0.00	169.73 8.57 -8.16	209.98 10.12 -1.46	180.36 8.75 0.00	159.79 8.04 0.00	158.89 7.71 0.00	152.40 7.53 0.00	149.67 7.53 0.00	150.74 7.72 0.00	153.57 7.59 0.00	160.82 8.38 0.00	188.55 9.66 0.00	218.79 11.01 0.00	198.76 10.36 0.00	189.62 10.06 0.00	164.07 9.58 0.00	152.95 7.28 0.00	152.65 6.85 0.00	144.11 5.94 0.00
POLETTI_____ 23519	141.08 7.48 0.00	135.14 6.92 0.00	132.48 6.55 0.00	132.48 6.31 0.00	131.83 6.16 0.00	140.42 7.07 0.00	169.32 9.03 -7.30	211.18 11.51 -1.27	181.04 9.44 0.00	160.70 8.95 0.00	159.80 8.62 0.00	153.12 8.26 0.00	150.67 8.53 0.00	151.59 8.58 0.00	154.44 8.47 0.00	161.89 9.45 0.00	189.44 10.55 0.00	219.21 11.43 0.00	199.13 10.74 0.00	189.98 10.41 0.00	164.38 9.89 0.00	153.25 7.57 0.00	153.24 7.44 0.00	145.07 6.91 0.00
POMONA___ESR 323819	138.55 4.95 0.00	132.82 4.61 0.00	130.08 4.15 0.00	130.33 4.16 0.00	129.69 4.02 0.00	137.89 4.54 0.00	166.77 6.72 -7.05	207.95 8.33 -1.21	178.48 6.87 0.00	158.27 6.52 0.00	157.53 6.35 0.00	150.95 6.08 0.00	148.24 6.11 0.00	149.30 6.29 0.00	152.10 6.13 0.00	159.30 6.87 0.00	186.95 8.06 0.00	216.51 8.73 0.00	196.88 8.49 0.00	187.11 7.54 0.00	162.37 7.87 0.00	151.50 5.83 0.00	150.76 4.96 0.00	142.31 4.14 0.00
PORT_JEFF_3 23555	171.37 4.00 -33.76	132.93 3.98 -0.74	129.34 3.27 -0.14	129.37 3.16 -0.04	129.11 3.39 -0.04	181.10 4.14 -43.61	213.09 7.34 -52.75	194.54 9.13 12.99	163.86 6.52 14.26	145.97 3.80 9.57	146.78 5.60 10.00	143.59 7.10 8.37	141.39 6.54 7.29	143.12 8.15 8.05	144.33 6.86 8.51	162.32 9.90 0.02	192.86 11.28 -2.69	212.55 11.84 7.07	200.45 12.07 0.01	195.10 10.96 -4.58	191.75 11.43 -25.83	155.14 9.33 -0.14	226.44 5.10 -75.54	137.66 3.59 4.09
PORT_JEFF_4 23616	171.37 4.00 -33.76	132.93 3.98 -0.74	129.34 3.27 -0.14	129.37 3.16 -0.04	129.11 3.39 -0.04	181.10 4.14 -43.61	213.09 7.34 -52.75	194.54 9.13 12.99	163.86 6.52 14.26	145.97 3.80 9.57	146.78 5.60 10.00	143.59 7.10 8.37	141.39 6.54 7.29	143.12 8.15 8.05	144.33 6.86 8.51	162.32 9.90 0.02	192.86 11.28 -2.69	212.55 11.84 7.07	200.45 12.07 0.01	195.10 10.96 -4.58	191.75 11.43 -25.83	155.14 9.33 -0.14	226.44 5.10 -75.54	137.66 3.59 4.09



PORT_JEFF_IC 23713	173.59 4.28 -35.71	133.27 4.23 -0.83	131.37 5.29 -0.15	130.00 3.79 -0.04	130.74 5.03 -0.04	183.81 4.40 -46.06	215.38 7.19 -55.19	193.73 8.33 13.01	163.85 6.52 14.28	146.26 4.10 9.58	145.86 4.69 10.01	141.85 5.36 8.37	141.81 6.96 7.29	140.82 5.86 8.05	144.47 7.01 8.52	162.78 10.37 0.02	193.35 11.63 -2.84	212.88 11.84 6.75	200.06 11.68 0.01	196.07 11.67 -4.83	193.46 11.74 -27.22	155.28 9.47 -0.15	232.26 6.85 -79.60	138.21 4.14 4.10
PPL PILGRIM_ST_GT1 24216	137.40 3.08 -0.72	130.48 3.07 0.81	128.33 2.39 -0.01	129.20 3.02 0.00	128.82 3.14 0.00	138.83 3.34 -2.14	171.33 6.89 -11.44	193.75 8.72 13.37	163.13 6.17 14.64	146.47 4.55 9.83	147.26 6.35 10.27	144.09 7.82 8.59	142.04 7.39 7.48	143.62 8.87 8.26	144.83 7.59 8.73	163.40 10.98 0.02	191.30 12.17 -0.25	216.45 13.92 5.25	201.37 12.99 0.01	191.83 11.85 -0.42	169.55 12.20 -2.85	155.63 9.76 -0.19	157.93 5.24 -6.88	137.70 3.73 4.20
PPL PILGRIM_ST_GT2 24217	137.40 3.08 -0.72	130.48 3.07 0.81	128.33 2.39 -0.01	129.20 3.02 0.00	128.82 3.14 0.00	138.83 3.34 -2.14	171.33 6.89 -11.44	193.75 8.72 13.37	163.13 6.17 14.64	146.47 4.55 9.83	147.26 6.35 10.27	144.09 7.82 8.59	142.04 7.39 7.48	143.62 8.87 8.26	144.83 7.59 8.73	163.40 10.98 0.02	191.30 12.17 -0.25	216.45 13.92 5.25	201.37 12.99 0.01	191.83 11.85 -0.42	169.55 12.20 -2.85	155.63 9.76 -0.19	157.93 5.24 -6.88	137.70 3.73 4.20
PPL_SHRM_GT3 24213	172.87 5.74 -33.52	134.58 5.64 -0.73	131.11 5.04 -0.14	130.88 4.67 -0.04	130.74 5.03 -0.04	182.52 5.86 -43.31	215.38 9.94 -52.44	197.75 12.31 12.95	166.47 9.09 14.23	148.43 6.22 9.55	149.21 8.01 9.97	145.65 9.13 8.34	143.40 8.53 7.27	145.14 10.16 8.02	146.54 9.05 8.48	165.22 12.81 0.02	196.76 15.20 -2.67	216.30 15.38 6.86	204.39 16.00 0.01	198.65 14.54 -4.55	195.14 14.98 -25.67	158.19 12.38 -0.14	228.70 7.87 -75.03	140.31 6.22 4.08
PPL_SHRM_GT4 24214	172.87 5.74 -33.52	134.58 5.64 -0.73	131.11 5.04 -0.14	130.88 4.67 -0.04	130.74 5.03 -0.04	182.52 5.86 -43.31	215.38 9.94 -52.44	197.75 12.31 12.95	166.47 9.09 14.23	148.43 6.22 9.55	149.21 8.01 9.97	145.65 9.13 8.34	143.40 8.53 7.27	145.14 10.16 8.02	146.54 9.05 8.48	165.22 12.81 0.02	196.76 15.20 -2.67	216.30 15.38 6.86	204.39 16.00 0.01	198.65 14.54 -4.55	195.14 14.98 -25.67	158.19 12.38 -0.14	228.70 7.87 -75.03	140.31 6.22 4.08
PROJECT___ORANGE 1 24174	129.86 -3.74 0.00	124.75 -3.46 0.00	122.40 -3.53 0.00	122.76 -3.41 0.00	122.15 -3.52 0.00	129.49 -3.87 0.00	149.33 -3.67 0.00	191.53 -5.36 1.52	167.32 -4.29 0.00	147.95 -3.79 0.00	147.40 -3.78 0.00	141.24 -3.62 0.00	138.73 -3.41 0.00	139.44 -3.58 0.00	142.33 -3.65 0.00	148.63 -3.81 0.00	174.59 -4.29 0.00	203.42 -4.36 0.00	184.06 -4.33 0.00	175.26 -4.31 0.00	151.87 -2.63 0.00	142.03 -3.64 0.00	141.86 -3.94 0.00	134.30 -3.87 0.00
PROJECT___ORANGE 2 24166	129.86 -3.74 0.00	124.75 -3.46 0.00	122.40 -3.53 0.00	122.76 -3.41 0.00	122.15 -3.52 0.00	129.49 -3.87 0.00	149.33 -3.67 0.00	191.53 -5.36 1.52	167.32 -4.29 0.00	147.95 -3.79 0.00	147.40 -3.78 0.00	141.24 -3.62 0.00	138.73 -3.41 0.00	139.44 -3.58 0.00	142.33 -3.65 0.00	148.63 -3.81 0.00	174.59 -4.29 0.00	203.42 -4.36 0.00	184.06 -4.33 0.00	175.26 -4.31 0.00	151.87 -2.63 0.00	142.03 -3.64 0.00	141.86 -3.94 0.00	134.30 -3.87 0.00
PUCKETT___SOLAR 323809	133.73 0.13 0.00	128.47 0.26 0.00	126.18 0.25 0.00	126.42 0.25 0.00	126.05 0.38 0.00	133.62 0.27 0.00	159.12 1.98 -4.14	198.84 0.80 0.36	173.58 1.37 -0.60	152.36 0.61 -0.01	151.48 0.30 0.00	145.01 0.15 0.00	142.14 0.00 0.00	143.16 0.14 0.00	146.42 0.44 -0.01	155.66 1.37 -1.86	181.36 2.32 -0.15	211.15 3.31 -0.06	191.41 3.01 -0.01	182.09 2.51 -0.01	158.05 3.56 0.00	146.98 1.31 0.00	146.53 0.73 0.00	138.58 0.42 0.00
PYRITES___HYD 24023	137.61 4.01 0.00	132.57 4.36 0.00	130.59 4.66 0.00	130.84 4.67 0.00	129.95 4.27 0.00	137.75 4.40 0.00	156.37 3.37 0.00	206.14 7.74 0.00	177.27 5.66 0.00	156.15 4.40 0.00	155.26 4.08 0.00	148.20 3.33 0.00	145.26 3.13 0.00	145.87 2.86 0.00	149.19 3.21 0.00	155.79 3.35 0.00	183.90 5.01 0.00	214.43 6.65 0.00	193.48 5.09 0.00	184.60 5.03 0.00	155.89 1.39 0.00	148.15 2.48 0.00	149.15 3.35 0.00	143.00 4.84 0.00
QUAKERRD_115KV_BK1 80622	122.78 -10.82 0.00	117.57 -10.64 0.00	115.60 -10.33 0.00	115.83 -10.35 0.00	115.37 -10.31 0.00	121.62 -11.74 0.00	139.23 -13.77 0.00	178.29 -18.65 1.47	154.68 -16.47 0.46	137.78 -13.96 0.01	137.57 -13.61 0.00	131.97 -12.89 0.00	129.63 -12.51 0.00	130.28 -12.73 0.01	132.69 -13.28 0.01	136.71 -14.33 1.40	163.21 -15.56 0.11	191.53 -16.21 0.04	172.37 -16.01 0.01	163.76 -15.80 0.01	143.84 -10.66 0.00	133.87 -11.80 0.00	133.55 -12.25 0.00	126.56 -11.61 0.00
QUENSBRY_115KV_TB8 356137	144.16 10.55 0.00	137.83 9.62 0.00	135.50 9.57 0.00	136.01 9.84 0.00	135.35 9.68 0.00	143.75 10.40 0.00	243.80 12.70 -78.10	231.96 16.86 -16.70	185.68 14.07 0.00	163.43 11.68 0.00	162.22 11.04 0.00	155.44 10.58 0.00	152.66 10.52 0.00	153.74 10.73 0.00	157.07 11.09 0.00	164.18 11.74 0.00	193.38 14.49 0.00	223.99 16.21 0.00	203.28 14.88 0.00	194.11 14.54 0.00	167.01 12.51 0.00	156.89 11.22 0.00	156.59 10.79 0.00	148.39 10.22 0.00
RAMAPO___LBMP 323565	138.14 4.54 0.00	132.44 4.23 0.00	129.96 4.03 0.00	130.08 3.91 0.00	129.44 3.77 0.00	137.49 4.13 0.00	165.96 5.97 -6.99	206.94 7.34 -1.20	177.78 6.18 0.00	157.52 5.77 0.00	156.62 5.44 0.00	150.22 5.36 0.00	147.68 5.54 0.00	148.59 5.58 0.00	151.38 5.40 0.00	158.69 6.25 0.00	185.86 6.98 0.00	215.47 7.69 0.00	195.74 7.35 0.00	186.57 7.00 0.00	161.45 6.95 0.00	150.62 4.95 0.00	150.32 4.52 0.00	141.90 3.73 0.00
RANKINE____ 23646	120.11 -13.49 0.00	114.75 -13.46 0.00	112.71 -13.22 0.00	113.18 -13.00 0.00	112.85 -12.82 0.00	117.62 -15.74 0.00	133.72 -19.28 0.00	168.95 -27.97 1.48	145.28 -23.68 2.65	130.77 -20.94 0.03	130.32 -20.86 0.00	125.02 -19.85 0.00	122.37 -19.76 0.01	123.40 -19.59 0.02	125.80 -20.14 0.03	123.08 -20.43 8.93	155.52 -22.72 0.65	183.00 -24.52 0.26	166.11 -22.23 0.06	157.78 -21.73 0.06	139.66 -14.83 0.00	129.21 -16.46 0.00	128.89 -16.91 0.00	122.69 -15.47 0.00
RAVENSWOOD_GT2_1 24244	140.95 7.35 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.35 6.18 0.00	131.71 6.03 0.00	140.29 6.93 0.00	169.32 9.03 -7.30	211.18 11.51 -1.27	181.22 9.61 0.00	160.70 8.95 0.00	159.80 8.62 0.00	153.27 8.40 0.00	150.67 8.53 0.00	151.74 8.72 0.00	154.44 8.47 0.00	162.04 9.60 0.00	189.62 10.73 0.00	219.42 11.64 0.00	199.32 10.93 0.00	190.16 10.59 0.00	164.54 10.04 0.00	153.39 7.72 0.00	153.24 7.44 0.00	144.80 6.63 0.00
RAVENSWOOD_GT2_2 24245	140.95 7.35 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.35 6.18 0.00	131.71 6.03 0.00	140.29 6.93 0.00	169.32 9.03 -7.30	211.18 11.51 -1.27	181.22 9.61 0.00	160.70 8.95 0.00	159.80 8.62 0.00	153.27 8.40 0.00	150.67 8.53 0.00	151.74 8.72 0.00	154.44 8.47 0.00	162.04 9.60 0.00	189.62 10.73 0.00	219.42 11.64 0.00	199.32 10.93 0.00	190.16 10.59 0.00	164.54 10.04 0.00	153.39 7.72 0.00	153.24 7.44 0.00	144.80 6.63 0.00



RAVENSWOOD_GT2_3 24246	140.95 7.35 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.48 6.31 0.00	131.83 6.16 0.00	140.29 6.93 0.00	169.32 9.03 -7.30	211.18 11.51 -1.27	181.22 9.61 0.00	160.85 9.10 0.00	159.95 8.77 0.00	153.27 8.40 0.00	150.81 8.67 0.00	151.74 8.72 0.00	154.59 8.61 0.00	162.04 9.60 0.00	189.62 10.73 0.00	219.62 11.84 0.00	199.51 11.12 0.00	190.34 10.77 0.00	164.69 10.20 0.00	153.39 7.72 0.00	153.38 7.58 0.00	144.80 6.63 0.00
RAVENSWOOD_GT2_4 24247	140.95 7.35 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.48 6.31 0.00	131.83 6.16 0.00	140.29 6.93 0.00	169.32 9.03 -7.30	211.18 11.51 -1.27	181.22 9.61 0.00	160.85 9.10 0.00	159.95 8.77 0.00	153.27 8.40 0.00	150.81 8.67 0.00	151.74 8.72 0.00	154.59 8.61 0.00	162.04 9.60 0.00	189.62 10.73 0.00	219.62 11.84 0.00	199.51 11.12 0.00	190.34 10.77 0.00	164.69 10.20 0.00	153.39 7.72 0.00	153.38 7.58 0.00	144.80 6.63 0.00
RAVENSWOOD_GT3_1 24248	140.95 7.35 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.35 6.18 0.00	131.83 6.16 0.00	140.29 6.93 0.00	169.32 9.03 -7.30	211.18 11.51 -1.27	181.22 9.61 0.00	160.85 9.10 0.00	159.80 8.62 0.00	153.27 8.40 0.00	150.81 8.67 0.00	151.74 8.72 0.00	154.59 8.61 0.00	162.04 9.60 0.00	189.62 10.73 0.00	219.42 11.64 0.00	199.32 10.93 0.00	190.16 10.59 0.00	164.54 10.04 0.00	153.39 7.72 0.00	153.24 7.44 0.00	144.80 6.63 0.00
RAVENSWOOD_GT3_2 24249	140.95 7.35 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.35 6.18 0.00	131.83 6.16 0.00	140.29 6.93 0.00	169.32 9.03 -7.30	211.18 11.51 -1.27	181.22 9.61 0.00	160.85 9.10 0.00	159.80 8.62 0.00	153.27 8.40 0.00	150.81 8.67 0.00	151.74 8.72 0.00	154.59 8.61 0.00	162.04 9.60 0.00	189.62 10.73 0.00	219.42 11.64 0.00	199.32 10.93 0.00	190.16 10.59 0.00	164.54 10.04 0.00	153.39 7.72 0.00	153.24 7.44 0.00	144.80 6.63 0.00
RAVENSWOOD_GT3_3 24250	141.08 7.48 0.00	135.14 6.92 0.00	132.48 6.55 0.00	132.61 6.43 0.00	131.96 6.28 0.00	140.42 7.07 0.00	169.48 9.18 -7.30	211.38 11.71 -1.27	181.39 9.78 0.00	161.01 9.26 0.00	160.10 8.92 0.00	153.41 8.55 0.00	150.95 8.81 0.00	151.88 8.87 0.00	154.73 8.76 0.00	162.35 9.91 0.00	189.80 10.91 0.00	219.83 12.05 0.00	199.70 11.30 0.00	190.52 10.95 0.00	164.85 10.35 0.00	153.54 7.87 0.00	153.53 7.73 0.00	144.94 6.77 0.00
RAVENSWOOD_GT3_4 24251	141.08 7.48 0.00	135.14 6.92 0.00	132.48 6.55 0.00	132.61 6.43 0.00	131.96 6.28 0.00	140.42 7.07 0.00	169.48 9.18 -7.30	211.38 11.71 -1.27	181.39 9.78 0.00	161.01 9.26 0.00	160.10 8.92 0.00	153.41 8.55 0.00	150.95 8.81 0.00	151.88 8.87 0.00	154.73 8.76 0.00	162.35 9.91 0.00	189.80 10.91 0.00	219.83 12.05 0.00	199.70 11.30 0.00	190.52 10.95 0.00	164.85 10.35 0.00	153.54 7.87 0.00	153.53 7.73 0.00	144.94 6.77 0.00
RAVENSWOOD_GT_1 23729	141.76 8.15 -0.01	135.79 7.56 -0.01	133.12 7.18 -0.01	133.12 6.94 -0.01	132.47 6.79 -0.01	140.96 7.60 -0.01	170.25 9.94 -7.30	212.17 12.50 -1.27	182.55 10.47 -0.47	161.62 9.86 -0.01	160.72 9.52 -0.01	154.13 9.13 -0.14	151.53 9.38 -0.01	152.46 9.44 -0.01	155.33 9.34 -0.01	163.01 10.52 -0.05	190.87 11.63 -0.35	220.67 12.88 -0.01	200.46 12.06 -0.01	191.39 11.67 -0.15	165.49 10.97 -0.03	154.27 8.59 -0.01	154.12 8.31 -0.01	145.50 7.32 -0.01
RAVENSWOOD_GT_10 24258	140.95 7.35 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.35 6.18 0.00	131.70 6.03 0.00	140.15 6.80 0.00	169.32 9.03 -7.29	211.18 11.51 -1.27	181.19 9.61 0.02	160.70 8.95 0.00	159.80 8.62 0.00	153.25 8.40 0.01	150.66 8.53 0.00	151.59 8.58 0.00	154.44 8.47 0.00	162.04 9.60 0.00	189.60 10.73 0.02	219.42 11.64 0.00	199.32 10.93 0.00	190.15 10.59 0.01	164.54 10.04 0.00	153.39 7.72 0.00	153.24 7.44 0.00	144.66 6.49 0.00
RAVENSWOOD_GT_11 24259	140.95 7.35 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.35 6.18 0.00	131.70 6.03 0.00	140.15 6.80 0.00	169.32 9.03 -7.29	211.18 11.51 -1.27	181.19 9.61 0.02	160.70 8.95 0.00	159.80 8.62 0.00	153.25 8.40 0.01	150.66 8.53 0.00	151.59 8.58 0.00	154.44 8.47 0.00	162.04 9.60 0.00	189.60 10.73 0.02	219.42 11.64 0.00	199.32 10.93 0.00	190.15 10.59 0.01	164.54 10.04 0.00	153.39 7.72 0.00	153.24 7.44 0.00	144.66 6.49 0.00
RAVENSWOOD_GT_4 24252	141.09 7.48 -0.01	135.14 6.92 -0.01	132.61 6.67 -0.01	132.61 6.43 -0.01	131.96 6.28 -0.01	140.43 7.07 -0.01	169.48 9.18 -7.30	211.38 11.71 -1.27	181.38 9.78 0.01	161.01 9.26 -0.01	160.11 8.92 -0.01	153.53 8.55 -0.12	150.96 8.81 -0.01	151.89 8.87 -0.01	154.74 8.76 -0.01	162.20 9.76 -0.01	189.81 10.91 -0.01	219.63 11.84 -0.01	199.52 11.12 -0.01	190.51 10.95 0.01	164.84 10.35 0.01	153.55 7.87 -0.01	153.54 7.73 -0.01	144.94 6.77 -0.01
RAVENSWOOD_GT_5 24254	141.09 7.48 -0.01	135.14 6.92 -0.01	132.61 6.67 -0.01	132.61 6.43 -0.01	131.96 6.28 -0.01	140.43 7.07 -0.01	169.48 9.18 -7.30	211.38 11.71 -1.27	181.38 9.78 0.01	161.01 9.26 -0.01	160.11 8.92 -0.01	153.53 8.55 -0.12	150.96 8.81 -0.01	151.89 8.87 -0.01	154.74 8.76 -0.01	162.20 9.76 -0.01	189.81 10.91 -0.01	219.63 11.84 -0.01	199.52 11.12 -0.01	190.51 10.95 0.01	164.84 10.35 0.01	153.55 7.87 -0.01	153.54 7.73 -0.01	144.94 6.77 -0.01
RAVENSWOOD_GT_6 24253	141.09 7.48 -0.01	135.14 6.92 -0.01	132.61 6.67 -0.01	132.61 6.43 -0.01	131.96 6.28 -0.01	140.43 7.07 -0.01	169.48 9.18 -7.30	211.38 11.71 -1.27	181.38 9.78 0.01	161.01 9.26 -0.01	160.11 8.92 -0.01	153.53 8.55 -0.12	150.96 8.81 -0.01	151.89 8.87 -0.01	154.74 8.76 -0.01	162.20 9.76 -0.01	189.81 10.91 -0.01	219.63 11.84 -0.01	199.52 11.12 -0.01	190.51 10.95 0.01	164.84 10.35 0.01	153.55 7.87 -0.01	153.54 7.73 -0.01	144.94 6.77 -0.01
RAVENSWOOD_GT_7 24255	141.09 7.48 -0.01	135.14 6.92 -0.01	132.61 6.67 -0.01	132.61 6.43 -0.01	131.96 6.28 -0.01	140.43 7.07 -0.01	169.48 9.18 -7.30	211.38 11.71 -1.27	181.38 9.78 0.01	161.01 9.26 -0.01	160.11 8.92 -0.01	153.53 8.55 -0.12	150.96 8.81 -0.01	151.89 8.87 -0.01	154.74 8.76 -0.01	162.20 9.76 -0.01	189.81 10.91 -0.01	219.63 11.84 -0.01	199.52 11.12 -0.01	190.51 10.95 0.01	164.84 10.35 0.01	153.55 7.87 -0.01	153.54 7.73 -0.01	144.94 6.77 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	140.95 7.35 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.35 6.18 0.00	131.70 6.03 0.00	140.15 6.80 0.00	169.32 9.03 -7.29	211.18 11.51 -1.27	181.19 9.61 0.02	160.70 8.95 0.00	159.80 8.62 0.00	153.25 8.40 0.01	150.66 8.53 0.00	151.59 8.58 0.00	154.44 8.47 0.00	162.04 9.60 0.00	189.60 10.73 0.02	219.42 11.64 0.00	199.32 10.93 0.00	190.15 10.59 0.01	164.54 10.04 0.00	153.39 7.72 0.00	153.24 7.44 0.00	144.66 6.49 0.00
RAVENSWOOD_GT_9 24257	140.95 7.35 0.00	135.01 6.80 0.00	132.35 6.42 0.00	132.35 6.18 0.00	131.70 6.03 0.00	140.15 6.80 0.00	169.32 9.03 -7.29	211.18 11.51 -1.27	181.19 9.61 0.02	160.70 8.95 0.00	159.80 8.62 0.00	153.25 8.40 0.01	150.66 8.53 0.00	151.59 8.58 0.00	154.44 8.47 0.00	162.04 9.60 0.00	189.60 10.73 0.02	219.42 11.64 0.00	199.32 10.93 0.00	190.15 10.59 0.01	164.54 10.04 0.00	153.39 7.72 0.00	153.24 7.44 0.00	144.66 6.49 0.00



RAVENSWOOD___1 23533	141.62 8.02 -0.01	135.65 7.43 -0.01	132.73 6.80 -0.01	132.99 6.81 -0.01	132.21 6.53 -0.01	140.96 7.60 -0.01	170.24 9.94 -7.30	212.38 12.71 -1.27	182.47 10.64 -0.22	161.77 10.01 -0.01	161.01 9.82 -0.01	154.26 9.28 -0.12	151.53 9.38 -0.01	152.61 9.58 -0.01	155.47 9.48 -0.01	162.98 10.51 -0.03	191.05 11.99 -0.17	220.89 13.10 -0.01	200.84 12.43 -0.01	191.30 11.67 -0.07	165.94 11.43 -0.01	154.57 8.89 -0.01	154.11 8.31 -0.01	145.49 7.32 -0.01
RAVENSWOOD___2 23534	141.62 8.02 -0.01	135.65 7.43 -0.01	132.73 6.80 -0.01	132.99 6.81 -0.01	132.21 6.53 -0.01	140.96 7.60 -0.01	170.24 9.94 -7.30	212.18 12.51 -1.27	182.47 10.64 -0.22	161.77 10.01 -0.01	160.87 9.68 -0.01	154.26 9.28 -0.12	151.25 9.10 -0.01	152.31 9.29 -0.01	155.19 9.20 -0.01	162.68 10.21 -0.03	190.68 11.62 -0.17	219.63 11.84 -0.01	199.71 11.30 -0.01	190.95 11.32 -0.07	165.63 11.13 -0.01	154.27 8.59 -0.01	153.82 8.01 -0.01	145.22 7.04 -0.01
RAVENSWOOD___3 23535	140.94 7.34 0.00	135.00 6.79 0.00	132.10 6.17 0.00	132.35 6.18 0.00	131.58 5.91 0.00	140.28 6.93 0.00	169.48 9.18 -7.30	211.38 11.70 -1.27	181.38 9.78 0.00	161.01 9.26 0.00	160.25 9.07 0.00	153.41 8.54 0.00	150.81 8.67 0.00	151.88 8.87 0.00	154.73 8.76 0.00	162.20 9.76 0.00	189.98 11.10 0.00	219.83 12.05 0.00	199.70 11.30 0.00	190.16 10.59 0.00	165.01 10.51 0.00	153.82 8.15 0.00	153.38 7.58 0.00	144.80 6.63 0.00
RAVENSWOOD___4 23820	141.62 8.02 -0.01	135.52 7.30 -0.01	132.73 6.80 -0.01	132.86 6.68 -0.01	132.21 6.53 -0.01	140.82 7.46 -0.01	170.24 9.94 -7.30	212.18 12.51 -1.27	182.07 10.47 0.01	161.61 9.86 -0.01	160.87 9.68 -0.01	154.10 9.13 -0.10	151.38 9.23 -0.01	152.46 9.44 -0.01	155.33 9.35 -0.01	162.82 10.37 -0.01	190.70 11.80 -0.01	220.67 12.89 -0.01	200.64 12.24 -0.01	191.06 11.50 0.01	165.76 11.27 0.01	154.42 8.74 -0.01	153.97 8.16 -0.01	145.35 7.18 -0.01
RCPL_TRUST___DRP 24196	140.82 7.21 0.00	134.88 6.67 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.15 6.80 0.00	169.32 9.03 -7.29	211.18 11.51 -1.27	181.04 9.44 0.00	160.70 8.95 0.00	159.95 8.77 0.00	153.27 8.40 0.00	150.67 8.53 0.00	151.59 8.58 0.00	154.44 8.47 0.00	162.04 9.60 0.00	189.62 10.73 0.00	219.42 11.64 0.00	199.32 10.93 0.00	190.16 10.59 0.00	164.54 10.04 0.00	153.25 7.57 0.00	153.09 7.29 0.00	144.52 6.36 0.00
RED___ROCHESTER 323720	124.92 -8.68 0.00	119.37 -8.85 0.00	117.75 -8.18 0.00	117.84 -8.33 0.00	117.37 -8.30 0.00	123.35 -10.00 0.00	141.98 -11.02 0.00	180.85 -16.06 1.49	156.81 -14.76 0.04	139.75 -11.99 0.00	139.39 -11.79 0.00	133.85 -11.02 0.00	131.47 -10.66 0.00	132.28 -10.73 0.01	134.58 -11.39 0.00	138.80 -12.50 1.14	165.64 -13.24 0.01	195.72 -12.06 0.01	176.33 -12.06 0.00	168.26 -11.31 0.00	146.46 -8.04 0.00	136.05 -9.62 0.00	136.17 -9.63 0.00	128.77 -9.40 0.00
REGAN___SOLAR 323812	141.89 8.29 0.00	135.52 7.30 0.00	133.36 7.43 0.00	133.74 7.57 0.00	133.09 7.41 0.00	141.76 8.41 0.00	239.92 10.71 -76.21	228.70 14.29 -16.00	181.38 9.78 0.00	158.27 6.52 0.00	156.47 5.29 0.00	149.64 4.77 0.00	146.97 4.84 0.00	148.88 5.87 0.00	153.27 7.30 0.00	162.05 9.61 0.00	191.78 12.89 0.00	222.32 14.54 0.00	201.97 13.57 0.00	192.86 13.29 0.00	165.93 11.43 0.00	155.28 9.61 0.00	154.55 8.75 0.00	146.32 8.15 0.00
RENSSELAER___COGEN 23796	138.95 5.35 0.00	133.08 4.87 0.00	130.71 4.78 0.00	130.96 4.79 0.00	130.33 4.65 0.00	138.42 5.07 0.00	195.13 5.81 -36.32	212.33 6.16 -7.77	177.26 5.65 0.00	157.06 5.31 0.00	156.16 4.98 0.00	149.79 4.93 0.00	147.11 4.97 0.00	148.15 5.14 0.00	150.21 4.24 0.00	156.25 3.81 0.00	183.01 4.12 0.00	211.52 3.74 0.00	192.36 3.96 0.00	183.34 3.78 0.00	159.13 4.63 0.00	149.90 4.23 0.00	151.20 5.40 0.00	143.13 4.97 0.00
REPUBLIC_115KV_BARTNBK 55605	147.50 13.89 0.00	140.91 12.69 0.00	138.77 12.84 0.00	139.42 13.25 0.00	138.62 12.94 0.00	147.35 14.00 0.00	247.71 16.98 -77.73	238.23 23.21 -16.62	190.65 19.05 0.00	167.23 15.48 0.00	165.54 14.36 0.00	158.48 13.62 0.00	155.50 13.36 0.00	156.74 13.73 0.00	160.57 14.60 0.00	168.60 16.16 0.00	199.46 20.57 0.00	230.64 22.86 0.00	209.31 20.91 0.00	200.22 20.65 0.00	171.64 17.15 0.00	160.68 15.00 0.00	160.09 14.29 0.00	151.98 13.82 0.00
REVERE_CPPR_DRP 24186	137.88 4.28 0.00	132.70 4.49 0.00	130.34 4.41 0.00	130.59 4.42 0.00	130.07 4.40 0.00	138.42 5.07 0.00	159.73 6.73 0.00	207.48 9.72 0.65	179.67 8.07 0.00	158.43 6.68 0.00	157.83 6.65 0.00	151.09 6.23 0.00	148.25 6.11 0.00	149.16 6.15 0.00	152.11 6.13 0.00	159.30 6.86 0.00	187.30 8.41 0.00	217.96 10.18 0.00	196.87 8.48 0.00	187.65 8.08 0.00	161.91 7.42 0.00	151.35 5.68 0.00	151.05 5.25 0.00	143.00 4.84 0.00
REYNLDPA_13_KV_LD 356490	133.73 0.13 0.00	128.34 0.13 0.00	126.31 0.38 0.00	126.55 0.38 0.00	126.05 0.38 0.00	133.89 0.54 0.00	152.24 -0.76 0.00	198.60 0.20 0.00	171.61 0.00 0.00	151.45 -0.30 0.00	151.03 -0.15 0.00	144.57 -0.29 0.00	141.85 -0.28 0.00	142.44 -0.57 0.00	145.83 -0.15 0.00	152.13 -0.30 0.00	178.71 -0.18 0.00	207.57 -0.21 0.00	187.65 -0.75 0.00	179.21 -0.36 0.00	152.48 -2.01 0.00	145.09 -0.58 0.00	145.65 -0.15 0.00	139.14 0.97 0.00
REYNOLDS_115KV_TB3 80639	139.61 6.01 0.00	133.73 5.51 0.00	131.34 5.41 0.00	131.60 5.43 0.00	130.95 5.28 0.00	138.95 5.60 0.00	200.89 6.73 -41.16	214.74 7.54 -8.80	178.30 6.69 0.00	157.82 6.07 0.00	157.08 5.90 0.00	150.66 5.79 0.00	147.96 5.83 0.00	149.02 6.01 0.00	151.52 5.55 0.00	157.32 4.88 0.00	184.08 5.19 0.00	212.97 5.19 0.00	193.48 5.09 0.00	184.77 5.21 0.00	159.90 5.41 0.00	150.92 5.24 0.00	151.92 6.12 0.00	143.69 5.53 0.00
RIVERBAY____ 323610	142.83 9.22 -0.01	136.68 8.46 -0.01	134.00 8.06 -0.01	134.13 7.95 -0.01	133.35 7.67 -0.01	142.03 8.67 -0.01	172.08 11.78 -7.30	214.16 14.48 -1.27	182.77 11.15 -0.01	162.68 10.93 -0.01	161.17 9.98 -0.01	154.43 9.56 -0.01	151.95 9.81 -0.01	152.89 9.87 -0.01	155.91 9.93 -0.01	163.42 10.98 -0.01	191.24 12.34 -0.01	222.54 14.75 -0.01	202.16 13.75 -0.01	192.15 12.57 -0.01	166.40 11.90 -0.01	154.86 9.18 -0.01	155.43 9.62 -0.01	146.74 8.57 -0.01
RIVERSDE_115KV_TB3 55908	139.48 5.88 0.00	133.73 5.51 0.00	131.34 5.41 0.00	131.60 5.43 0.00	130.95 5.28 0.00	138.95 5.60 0.00	201.80 6.43 -42.37	214.60 7.14 -9.06	177.96 6.35 0.00	157.67 5.92 0.00	156.93 5.74 0.00	150.51 5.65 0.00	147.82 5.69 0.00	148.88 5.86 0.00	151.08 5.11 0.00	157.16 4.73 0.00	183.90 5.01 0.00	212.56 4.78 0.00	193.11 4.71 0.00	184.42 4.85 0.00	159.75 5.25 0.00	150.48 4.81 0.00	151.92 6.12 0.00	143.69 5.53 0.00
ROARING___BROOK_WT_PWR 323790	133.07 -0.53 0.00	127.70 -0.51 0.00	125.43 -0.50 0.00	125.67 -0.50 0.00	125.30 -0.38 0.00	132.95 -0.40 0.00	152.24 -0.76 0.00	197.42 -0.99 0.00	170.75 -0.85 0.00	150.99 -0.75 0.00	150.58 -0.60 0.00	144.29 -0.58 0.00	141.57 -0.57 0.00	142.44 -0.57 0.00	145.54 -0.44 0.00	151.68 -0.76 0.00	177.64 -1.24 0.00	205.70 -2.08 0.00	185.94 -2.45 0.00	177.05 -2.51 0.00	151.72 -2.78 0.00	143.63 -2.04 0.00	144.20 -1.60 0.00	137.06 -1.11 0.00



ROCHESRG_115KV_T4 355643	123.45 -10.15 0.00	118.21 -10.00 0.00	116.11 -9.82 0.00	116.46 -9.72 0.00	115.87 -9.80 0.00	121.88 -11.47 0.00	139.23 -13.77 0.00	177.85 -19.05 1.50	154.37 -16.99 0.24	137.48 -14.26 0.01	137.42 -13.76 0.00	131.83 -13.04 0.00	129.48 -12.65 0.00	130.13 -12.87 0.01	132.39 -13.58 0.01	136.18 -14.79 1.47	162.90 -15.92 0.06	191.55 -16.21 0.03	172.37 -16.01 0.01	163.76 -15.80 0.01	144.45 -10.04 0.00	134.31 -11.36 0.00	133.99 -11.81 0.00	127.11 -11.05 0.00
ROCHESTER_9_IC 23652	124.25 -9.35 0.00	118.85 -9.36 0.00	116.86 -9.07 0.00	117.21 -8.96 0.00	116.62 -9.05 0.00	122.82 -10.53 0.00	140.30 -12.70 0.00	179.45 -17.46 1.49	155.97 -15.62 0.02	138.69 -13.05 0.00	138.63 -12.55 0.00	132.98 -11.88 0.00	130.62 -11.51 0.00	131.28 -11.73 0.01	133.71 -12.26 0.00	137.90 -13.41 1.12	164.57 -14.31 0.01	193.65 -14.13 0.01	174.07 -14.32 0.00	165.20 -14.37 0.00	145.69 -8.81 0.00	135.33 -10.34 0.00	135.01 -10.79 0.00	128.08 -10.09 0.00
ROCKVIEW_13_KV_LD 356306	140.55 6.95 0.00	134.75 6.54 0.00	132.23 6.30 0.00	132.23 6.06 0.00	131.58 5.91 0.00	139.89 6.53 0.00	169.02 8.72 -7.30	210.79 11.11 -1.27	181.04 9.44 0.00	160.55 8.80 0.00	159.65 8.47 0.00	153.12 8.26 0.00	150.67 8.53 0.00	151.59 8.58 0.00	154.44 8.47 0.00	161.89 9.45 0.00	189.62 10.73 0.00	219.62 11.84 0.00	199.51 11.12 0.00	190.34 10.77 0.00	164.69 10.20 0.00	153.54 7.87 0.00	153.09 7.29 0.00	144.52 6.36 0.00
ROME____115KV_TB2 80656	137.88 4.28 0.00	132.70 4.49 0.00	130.34 4.41 0.00	130.59 4.42 0.00	130.07 4.40 0.00	138.42 5.07 0.00	159.73 6.73 0.00	207.48 9.72 0.65	179.67 8.07 0.00	158.43 6.68 0.00	157.83 6.65 0.00	151.09 6.23 0.00	148.25 6.11 0.00	149.16 6.15 0.00	152.11 6.13 0.00	159.30 6.86 0.00	187.30 8.41 0.00	217.96 10.18 0.00	196.87 8.48 0.00	187.65 8.08 0.00	161.91 7.42 0.00	151.35 5.68 0.00	151.05 5.25 0.00	143.00 4.84 0.00
ROSETON___1 23587	138.68 5.08 0.00	132.96 4.75 0.00	130.34 4.41 0.00	130.59 4.41 0.00	129.95 4.28 0.00	137.89 4.54 0.00	166.38 6.28 -7.11	207.17 7.54 -1.23	177.96 6.35 0.00	157.82 6.08 0.00	157.07 5.89 0.00	150.51 5.64 0.00	147.97 5.83 0.00	149.02 6.01 0.00	151.82 5.85 0.00	158.84 6.40 0.00	186.23 7.34 0.00	215.47 7.69 0.00	195.94 7.54 0.00	186.56 7.00 0.00	161.91 7.42 0.00	151.21 5.53 0.00	150.76 4.96 0.00	142.31 4.14 0.00
ROSETON___2 23588	138.68 5.08 0.00	132.96 4.75 0.00	130.34 4.41 0.00	130.59 4.41 0.00	129.95 4.28 0.00	137.89 4.54 0.00	166.38 6.28 -7.11	207.17 7.54 -1.23	177.96 6.35 0.00	157.82 6.08 0.00	157.07 5.89 0.00	150.51 5.64 0.00	147.97 5.83 0.00	149.02 6.01 0.00	151.82 5.85 0.00	158.84 6.40 0.00	186.23 7.34 0.00	215.47 7.69 0.00	195.94 7.54 0.00	186.56 7.00 0.00	161.91 7.42 0.00	151.21 5.53 0.00	150.76 4.96 0.00	142.31 4.14 0.00
ROTRRDAM_115KV_TB3 80664	138.28 4.68 0.00	132.57 4.36 0.00	130.21 4.28 0.00	130.46 4.29 0.00	129.95 4.27 0.00	137.89 4.53 0.00	244.58 5.66 -85.92	223.91 7.14 -18.37	177.44 5.83 0.00	156.76 5.01 0.00	155.87 4.69 0.00	149.35 4.49 0.00	146.69 4.55 0.00	147.73 4.72 0.00	150.79 4.82 0.00	157.62 5.18 0.00	184.97 6.08 0.00	214.43 6.65 0.00	194.61 6.22 0.00	185.67 6.11 0.00	160.21 5.72 0.00	150.62 4.95 0.00	150.61 4.81 0.00	142.59 4.42 0.00
RUSSELL___1 23602	124.92 -8.68 0.00	119.37 -8.85 0.00	117.37 -8.56 0.00	117.72 -8.45 0.00	117.13 -8.55 0.00	123.35 -10.00 0.00	141.07 -11.93 0.00	180.25 -16.67 1.49	156.64 -14.93 0.04	139.30 -12.44 0.00	139.24 -11.94 0.00	133.85 -11.01 0.00	131.47 -10.66 0.00	132.14 -10.87 0.01	134.58 -11.39 0.00	138.65 -12.65 1.14	165.64 -13.24 0.01	194.89 -12.88 0.01	175.20 -13.19 0.00	166.27 -13.29 0.00	146.46 -8.03 0.00	136.06 -9.61 0.00	135.74 -10.06 0.00	128.77 -9.40 0.00
RUSSELL___2 23532	124.92 -8.68 0.00	119.37 -8.85 0.00	117.37 -8.56 0.00	117.72 -8.45 0.00	117.13 -8.55 0.00	123.35 -10.00 0.00	141.07 -11.93 0.00	180.25 -16.67 1.49	156.64 -14.93 0.04	139.30 -12.44 0.00	139.24 -11.94 0.00	133.85 -11.01 0.00	131.47 -10.66 0.00	132.14 -10.87 0.01	134.58 -11.39 0.00	138.65 -12.65 1.14	165.64 -13.24 0.01	194.89 -12.88 0.01	175.20 -13.19 0.00	166.27 -13.29 0.00	146.46 -8.03 0.00	136.06 -9.61 0.00	135.74 -10.06 0.00	128.77 -9.40 0.00
RUSSELL___3 23549	124.92 -8.68 0.00	119.37 -8.85 0.00	117.37 -8.56 0.00	117.72 -8.45 0.00	117.13 -8.55 0.00	123.35 -10.00 0.00	141.07 -11.93 0.00	180.25 -16.67 1.49	156.64 -14.93 0.04	139.30 -12.44 0.00	139.24 -11.94 0.00	133.85 -11.01 0.00	131.47 -10.66 0.00	132.14 -10.87 0.01	134.58 -11.39 0.00	138.65 -12.65 1.14	165.64 -13.24 0.01	194.89 -12.88 0.01	175.20 -13.19 0.00	166.27 -13.29 0.00	146.46 -8.03 0.00	136.06 -9.61 0.00	135.74 -10.06 0.00	128.77 -9.40 0.00
RUSSELL___4 23556	124.92 -8.68 0.00	119.37 -8.85 0.00	117.37 -8.56 0.00	117.72 -8.45 0.00	117.13 -8.55 0.00	123.35 -10.00 0.00	141.07 -11.93 0.00	180.25 -16.67 1.49	156.64 -14.93 0.04	139.30 -12.44 0.00	139.24 -11.94 0.00	133.85 -11.01 0.00	131.47 -10.66 0.00	132.14 -10.87 0.01	134.58 -11.39 0.00	138.65 -12.65 1.14	165.64 -13.24 0.01	194.89 -12.88 0.01	175.20 -13.19 0.00	166.27 -13.29 0.00	146.46 -8.03 0.00	136.06 -9.61 0.00	135.74 -10.06 0.00	128.77 -9.40 0.00
RUSSELL___STATION 23914	124.92 -8.68 0.00	119.37 -8.85 0.00	117.37 -8.56 0.00	117.72 -8.45 0.00	117.13 -8.55 0.00	123.35 -10.00 0.00	141.07 -11.93 0.00	180.25 -16.67 1.49	156.64 -14.93 0.04	139.30 -12.44 0.00	139.24 -11.94 0.00	133.85 -11.01 0.00	131.47 -10.66 0.00	132.14 -10.87 0.01	134.58 -11.39 0.00	138.65 -12.65 1.14	165.64 -13.24 0.01	194.89 -12.88 0.01	175.20 -13.19 0.00	166.27 -13.29 0.00	146.46 -8.03 0.00	136.06 -9.61 0.00	135.74 -10.06 0.00	128.77 -9.40 0.00
S SALMON___HYD 24043	131.06 -2.54 0.00	126.03 -2.18 0.00	123.79 -2.14 0.00	124.03 -2.15 0.00	123.54 -2.14 0.00	131.08 -2.27 0.00	151.17 -1.83 0.00	196.03 -2.37 0.00	169.20 -2.40 0.00	149.48 -2.27 0.00	149.06 -2.12 0.00	142.84 -2.03 0.00	140.29 -1.85 0.00	141.15 -1.86 0.00	143.93 -2.04 0.00	150.77 -1.67 0.00	176.75 -2.14 0.00	205.91 -1.87 0.00	186.14 -2.25 0.00	177.42 -2.15 0.00	153.25 -1.24 0.00	143.49 -2.18 0.00	143.76 -2.04 0.00	135.95 -2.22 0.00
S.PERRY__115KV_TB1 80734	119.17 -14.43 0.00	114.24 -13.98 0.00	112.46 -13.47 0.00	112.92 -13.25 0.00	112.48 -13.20 0.00	118.68 -14.67 0.00	136.93 -16.07 0.00	174.93 -22.02 1.45	160.62 -21.45 -10.47	132.90 -18.97 -0.12	132.13 -19.05 0.00	126.61 -18.25 0.00	123.93 -18.19 0.02	124.53 -18.45 0.04	127.41 -18.68 -0.12	164.81 -19.82 -32.18	160.71 -20.75 -2.57	187.60 -21.19 -1.01	167.88 -20.72 -0.21	159.85 -19.93 -0.21	141.05 -13.44 0.00	130.23 -15.44 0.00	129.76 -16.04 0.00	123.24 -14.92 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	118.64 -14.96 0.00	113.34 -14.87 0.00	111.20 -14.73 0.00	111.66 -14.51 0.00	111.35 -14.33 0.00	115.75 -17.60 0.00	131.27 -21.73 0.00	165.96 -30.95 1.49	141.61 -26.77 3.23	128.50 -23.22 0.03	128.20 -22.98 0.00	122.99 -21.87 0.00	120.52 -21.60 0.01	121.40 -21.60 0.02	123.46 -22.48 0.03	120.61 -23.02 8.82	152.16 -25.94 0.79	179.42 -28.05 0.31	162.71 -25.62 0.06	154.37 -25.14 0.06	137.66 -16.84 0.00	127.32 -18.35 0.00	127.14 -18.66 0.00	121.03 -17.13 0.00



SAWYER___23_KV_LOAD 55526	118.64 -14.96 0.00	113.34 -14.87 0.00	111.20 -14.73 0.00	111.66 -14.51 0.00	111.35 -14.33 0.00	115.75 -17.60 0.00	131.27 -21.73 0.00	165.96 -30.95 1.49	141.61 -26.77 3.23	128.50 -23.22 0.03	128.20 -22.98 0.00	122.99 -21.87 0.00	120.52 -21.60 0.01	121.40 -21.60 0.02	123.46 -22.48 0.03	120.61 -23.02 8.82	152.16 -25.94 0.79	179.42 -28.05 0.31	162.71 -25.62 0.06	154.37 -25.14 0.06	137.66 -16.84 0.00	127.32 -18.35 0.00	127.14 -18.66 0.00	121.03 -17.13 0.00
SELKIRK___I 23801	139.08 5.48 0.00	133.35 5.13 0.00	130.97 5.04 0.00	131.22 5.05 0.00	130.57 4.90 0.00	138.55 5.20 0.00	185.15 6.13 -26.03	210.72 6.75 -5.56	177.61 6.00 0.00	156.91 5.16 0.00	156.16 4.98 0.00	149.64 4.77 0.00	146.97 4.84 0.00	148.15 5.14 0.00	150.65 4.67 0.00	157.17 4.73 0.00	184.25 5.36 0.00	213.39 5.61 0.00	193.86 5.47 0.00	184.78 5.21 0.00	160.05 5.55 0.00	150.63 4.96 0.00	151.34 5.54 0.00	143.28 5.12 0.00
SELKIRK___II 23799	138.15 4.55 0.00	132.44 4.22 0.00	129.96 4.03 0.00	130.33 4.16 0.00	129.69 4.02 0.00	137.62 4.27 0.00	185.91 5.04 -27.87	209.72 5.36 -5.96	176.59 4.98 0.00	156.30 4.55 0.00	155.57 4.39 0.00	149.21 4.34 0.00	146.40 4.26 0.00	147.59 4.58 0.00	149.92 3.94 0.00	156.09 3.65 0.00	183.01 4.12 0.00	211.52 3.74 0.00	192.36 3.96 0.00	183.34 3.78 0.00	158.98 4.48 0.00	149.61 3.93 0.00	150.46 4.66 0.00	142.31 4.14 0.00
SENECA OSWGO___HYD 24041	129.20 -4.41 0.00	124.11 -4.11 0.00	121.90 -4.03 0.00	122.13 -4.04 0.00	121.65 -4.03 0.00	128.82 -4.53 0.00	148.72 -4.28 0.00	192.85 -6.15 -0.60	166.46 -5.14 0.00	147.34 -4.41 0.00	146.65 -4.53 0.00	140.66 -4.21 0.00	138.01 -4.13 0.00	138.86 -4.15 0.00	141.60 -4.38 0.00	148.01 -4.43 0.00	173.88 -5.01 0.00	202.59 -5.19 0.00	183.50 -4.90 0.00	174.73 -4.84 0.00	151.10 -3.40 0.00	141.44 -4.23 0.00	141.43 -4.37 0.00	133.74 -4.43 0.00
SENECA___115KV_TB3 355854	120.24 -13.36 0.00	115.01 -13.20 0.00	113.59 -12.34 0.00	113.56 -12.62 0.00	113.61 -12.07 0.00	117.89 -15.47 0.00	135.41 -17.59 0.00	170.14 -26.79 1.48	145.79 -23.17 2.65	131.23 -20.49 0.03	130.62 -20.56 0.00	125.16 -19.70 0.00	122.66 -19.47 0.01	123.68 -19.31 0.02	125.95 -19.99 0.03	123.69 -19.81 8.93	155.87 -22.37 0.65	183.42 -24.10 0.26	166.86 -21.48 0.06	158.68 -20.83 0.06	139.82 -14.68 0.00	129.36 -16.31 0.00	129.61 -16.19 0.00	122.82 -15.34 0.00
SENECA___ENERGY 23797	128.52 -5.08 0.00	123.34 -4.87 0.00	121.27 -4.66 0.00	121.51 -4.67 0.00	121.15 -4.52 0.00	128.15 -5.20 0.00	148.10 -4.90 0.00	190.23 -7.13 1.04	165.26 -6.35 0.00	146.43 -5.32 0.00	145.59 -5.59 0.00	139.51 -5.36 0.00	136.89 -5.26 0.00	137.73 -5.29 -0.01	140.43 -5.55 0.00	146.80 -5.64 0.00	172.99 -5.90 0.00	202.59 -5.19 0.00	183.12 -5.27 0.00	174.35 -5.21 0.00	150.95 -3.55 0.00	140.72 -4.95 0.00	140.69 -5.11 0.00	132.92 -5.25 0.00
SHOEMAKER___GT 23640	137.88 4.27 0.00	132.32 4.10 0.00	129.70 3.77 0.00	129.95 3.78 0.00	129.19 3.51 0.00	137.35 4.00 0.00	165.44 5.81 -6.63	206.27 6.75 -1.11	177.44 5.84 0.00	157.06 5.31 0.00	156.32 5.14 0.00	149.64 4.77 0.00	146.97 4.84 0.00	148.02 5.00 0.00	150.94 4.97 0.00	158.08 5.64 0.00	185.51 6.62 0.00	215.05 7.27 0.00	195.37 6.97 0.00	185.85 6.28 0.00	161.13 6.64 0.00	150.63 4.96 0.00	150.03 4.23 0.00	141.75 3.59 0.00
SHOEMAKR_138KV_BK 111 55601	137.88 4.28 0.00	132.19 3.97 0.00	129.71 3.78 0.00	129.83 3.66 0.00	129.19 3.52 0.00	137.22 3.87 0.00	165.09 5.51 -6.58	206.05 6.55 -1.10	177.10 5.49 0.00	156.76 5.01 0.00	156.02 4.84 0.00	149.50 4.64 0.00	146.97 4.83 0.00	147.88 4.86 0.00	150.79 4.82 0.00	157.77 5.34 0.00	184.97 6.08 0.00	214.64 6.86 0.00	194.99 6.59 0.00	185.85 6.28 0.00	160.68 6.18 0.00	150.19 4.52 0.00	149.88 4.08 0.00	141.62 3.45 0.00
SHOREHAM_IC_1 23715	172.87 5.74 -33.52	134.58 5.64 -0.73	131.11 5.04 -0.14	130.88 4.67 -0.04	130.74 5.03 -0.04	182.52 5.86 -43.31	215.38 9.94 -52.44	197.75 12.31 12.95	166.47 9.09 14.23	148.43 6.22 9.55	149.21 8.01 9.97	145.65 9.13 8.34	143.40 8.53 7.27	145.14 10.16 8.02	146.54 9.05 8.48	165.22 12.81 0.02	196.76 15.20 -2.67	216.30 15.38 6.86	204.39 16.00 0.01	198.65 14.54 -4.55	195.14 14.98 -25.67	158.19 12.38 -0.14	228.70 7.87 -75.03	140.31 6.22 4.08
SHOREHAM_IC_2 23716	172.87 5.74 -33.52	134.58 5.64 -0.73	132.74 6.67 -0.14	131.26 5.05 -0.04	132.12 6.41 -0.04	182.53 5.87 -43.31	215.08 9.64 -52.44	197.75 12.30 12.95	166.13 8.75 14.23	148.12 5.92 9.55	147.71 6.50 9.97	143.62 7.10 8.34	143.26 8.39 7.27	142.43 7.44 8.02	146.25 8.76 8.48	165.07 12.65 0.02	196.23 14.67 -2.67	215.88 14.96 6.86	203.64 15.26 0.01	198.66 14.54 -4.55	194.22 14.06 -25.67	157.76 11.95 -0.14	229.87 9.04 -75.03	140.30 6.22 4.08
SISSONVILLE____ 23735	135.07 1.47 0.00	130.14 1.92 0.00	128.20 2.27 0.00	128.44 2.27 0.00	127.43 1.76 0.00	134.82 1.47 0.00	152.85 -0.15 0.00	200.98 2.58 0.00	173.15 1.54 0.00	152.66 0.91 0.00	152.09 0.91 0.00	145.30 0.43 0.00	142.28 0.14 0.00	143.01 0.00 0.00	146.27 0.29 0.00	152.44 0.00 0.00	179.25 0.36 0.00	208.82 1.04 0.00	188.58 0.19 0.00	179.75 0.18 0.00	152.02 -2.47 0.00	144.51 -1.17 0.00	145.95 0.15 0.00	140.10 1.93 0.00
SITHE_IND_GS1 24169	127.46 -6.14 0.00	122.32 -5.90 0.00	120.14 -5.79 0.00	120.37 -5.80 0.00	119.89 -5.78 0.00	126.95 -6.40 0.00	146.12 -6.88 0.00	177.39 -9.32 11.69	163.54 -8.06 0.00	144.77 -6.98 0.00	144.23 -6.95 0.00	138.20 -6.66 0.00	135.60 -6.54 0.00	136.44 -6.58 0.00	139.12 -6.86 0.00	145.43 -7.01 0.00	170.66 -8.23 0.00	198.85 -8.93 0.00	180.11 -8.29 0.00	171.67 -7.90 0.00	148.15 -6.34 0.00	138.97 -6.70 0.00	139.10 -6.70 0.00	131.67 -6.49 0.00
SITHE_IND_GS2 24170	127.46 -6.14 0.00	122.32 -5.90 0.00	120.14 -5.79 0.00	120.37 -5.80 0.00	119.89 -5.78 0.00	126.95 -6.40 0.00	146.12 -6.88 0.00	177.39 -9.32 11.69	163.54 -8.06 0.00	144.77 -6.98 0.00	144.23 -6.95 0.00	138.20 -6.66 0.00	135.60 -6.54 0.00	136.44 -6.58 0.00	139.12 -6.86 0.00	145.43 -7.01 0.00	170.66 -8.23 0.00	198.85 -8.93 0.00	180.11 -8.29 0.00	171.67 -7.90 0.00	148.15 -6.34 0.00	138.97 -6.70 0.00	139.10 -6.70 0.00	131.67 -6.49 0.00
SITHE_IND_GS3 24171	127.46 -6.14 0.00	122.32 -5.90 0.00	120.14 -5.79 0.00	120.37 -5.80 0.00	119.89 -5.78 0.00	126.95 -6.40 0.00	146.12 -6.88 0.00	177.39 -9.32 11.69	163.54 -8.06 0.00	144.77 -6.98 0.00	144.23 -6.95 0.00	138.20 -6.66 0.00	135.60 -6.54 0.00	136.44 -6.58 0.00	139.12 -6.86 0.00	145.43 -7.01 0.00	170.66 -8.23 0.00	198.85 -8.93 0.00	180.11 -8.29 0.00	171.67 -7.90 0.00	148.15 -6.34 0.00	138.97 -6.70 0.00	139.10 -6.70 0.00	131.67 -6.49 0.00
SITHE_IND_GS4 24172	127.46 -6.14 0.00	122.32 -5.90 0.00	120.14 -5.79 0.00	120.37 -5.80 0.00	119.89 -5.78 0.00	126.95 -6.40 0.00	146.12 -6.88 0.00	177.39 -9.32 11.69	163.54 -8.06 0.00	144.77 -6.98 0.00	144.23 -6.95 0.00	138.20 -6.66 0.00	135.60 -6.54 0.00	136.44 -6.58 0.00	139.12 -6.86 0.00	145.43 -7.01 0.00	170.66 -8.23 0.00	198.85 -8.93 0.00	180.11 -8.29 0.00	171.67 -7.90 0.00	148.15 -6.34 0.00	138.97 -6.70 0.00	139.10 -6.70 0.00	131.67 -6.49 0.00



SITHE___BATAVIA 24024	121.18 -12.42 0.00	115.78 -12.43 0.00	114.47 -11.46 0.00	114.44 -11.73 0.00	114.24 -11.44 0.00	119.09 -14.27 0.00	136.94 -16.06 0.00	173.51 -23.41 1.47	151.46 -21.29 -1.14	133.82 -17.91 0.02	133.19 -17.99 0.00	127.62 -17.24 0.00	125.21 -16.92 0.01	126.12 -16.88 0.01	128.29 -17.67 0.02	130.13 -18.30 4.01	159.65 -19.49 -0.26	189.58 -18.29 -0.08	170.67 -17.72 0.01	162.67 -16.89 0.01	142.44 -12.05 0.00	131.54 -14.13 0.00	131.66 -14.14 0.00	124.63 -13.53 0.00
SITHE___INDEPEND 23800	127.46 -6.15 0.00	122.32 -5.90 0.00	120.01 -5.92 0.00	120.37 -5.80 0.00	119.77 -5.91 0.00	126.95 -6.40 0.00	145.96 -7.04 0.00	177.19 -9.52 11.69	163.54 -8.07 0.00	144.77 -6.98 0.00	144.08 -7.11 0.00	138.20 -6.66 0.00	135.60 -6.54 0.00	136.43 -6.58 0.00	139.11 -6.86 0.00	145.27 -7.16 0.00	170.66 -8.23 0.00	198.64 -9.14 0.00	179.92 -8.48 0.00	171.31 -8.26 0.00	148.16 -6.33 0.00	138.97 -6.70 0.00	138.95 -6.85 0.00	131.67 -6.49 0.00
SITHE___MASSENA 23902	135.47 1.87 0.00	130.14 1.93 0.00	128.20 2.27 0.00	128.44 2.27 0.00	127.68 2.00 0.00	135.62 2.26 0.00	153.61 0.61 0.00	201.38 2.98 0.00	173.83 2.23 0.00	153.42 1.67 0.00	152.54 1.36 0.00	146.02 1.15 0.00	143.41 1.28 0.00	143.73 0.72 0.00	147.14 1.16 0.00	153.51 1.07 0.00	180.86 1.97 0.00	210.47 2.69 0.00	190.09 1.69 0.00	181.55 1.98 0.00	153.88 -0.62 0.00	146.40 0.73 0.00	147.11 1.31 0.00	140.93 2.76 0.00
SITHE___OGDNSBRG 24021	137.61 4.01 0.00	132.44 4.23 0.00	130.59 4.66 0.00	130.71 4.54 0.00	129.95 4.27 0.00	137.89 4.53 0.00	156.52 3.52 0.00	205.94 7.54 0.00	177.27 5.66 0.00	156.15 4.40 0.00	154.96 3.78 0.00	147.91 3.04 0.00	144.98 2.84 0.00	145.73 2.72 0.00	149.19 3.21 0.00	155.94 3.51 0.00	184.43 5.55 0.00	214.84 7.06 0.00	194.05 5.65 0.00	185.13 5.57 0.00	156.35 1.85 0.00	148.73 3.06 0.00	149.45 3.65 0.00	143.14 4.97 0.00
SITHE___STERLING 23777	136.54 2.94 0.00	131.42 3.21 0.00	129.08 3.15 0.00	129.33 3.16 0.00	128.94 3.26 0.00	136.95 3.60 0.00	158.20 5.20 0.00	204.75 7.13 0.79	177.61 6.00 0.00	156.60 4.85 0.00	155.87 4.69 0.00	149.21 4.34 0.00	146.40 4.26 0.00	147.46 4.44 0.00	150.35 4.38 0.00	157.32 4.88 0.00	184.97 6.09 0.00	215.25 7.47 0.00	194.60 6.21 0.00	185.31 5.74 0.00	160.05 5.55 0.00	149.61 3.93 0.00	149.45 3.65 0.00	141.35 3.18 0.00
SLEIGHT__34_KV_TB1 80719	126.52 -7.08 0.00	121.42 -6.80 0.00	119.26 -6.67 0.00	119.61 -6.56 0.00	119.01 -6.66 0.00	125.75 -7.60 0.00	144.58 -8.42 0.00	185.54 -11.51 1.35	161.48 -10.12 0.00	143.25 -8.50 0.00	142.87 -8.31 0.00	137.04 -7.82 0.00	134.60 -7.53 0.00	135.29 -7.72 0.00	137.95 -8.03 0.00	143.60 -8.84 0.00	169.76 -9.12 0.00	199.05 -8.73 0.00	179.16 -9.23 0.00	170.23 -9.34 0.00	148.78 -5.72 0.00	138.39 -7.28 0.00	138.07 -7.73 0.00	130.70 -7.46 0.00
SMITHTWN_69_KV_BK 1 55830	182.16 4.28 -44.29	133.52 4.10 -1.20	131.27 5.16 -0.18	129.88 3.66 -0.05	130.75 5.03 -0.05	194.48 4.27 -56.86	226.36 7.34 -66.02	194.15 9.13 13.38	163.65 6.69 14.65	146.47 4.55 9.83	146.05 5.14 10.27	142.21 5.94 8.59	142.04 7.39 7.48	141.04 6.29 8.26	144.83 7.59 8.74	163.24 10.82 0.02	194.53 12.16 -3.48	214.23 13.30 6.85	201.19 12.81 0.01	197.87 12.39 -5.92	200.00 12.21 -33.30	155.73 9.91 -0.15	250.54 7.14 -97.59	138.38 4.42 4.20
SOUTH CAIRO___GT 23612	144.16 10.55 0.00	138.21 10.00 0.00	135.75 9.82 0.00	136.14 9.97 0.00	135.35 9.68 0.00	143.89 10.53 0.00	190.16 11.63 -25.53	216.72 13.09 -5.22	184.13 12.53 0.00	162.07 10.32 0.00	160.40 9.22 0.00	153.56 8.69 0.00	150.67 8.53 0.00	151.88 8.87 0.00	154.73 8.76 0.00	162.04 9.60 0.00	191.41 12.52 0.00	222.53 14.75 0.00	202.53 14.13 0.00	192.86 13.29 0.00	166.55 12.05 0.00	155.72 10.05 0.00	156.44 10.64 0.00	147.98 9.81 0.00
SOUTH HAMPTN___IC 23720	174.05 7.34 -33.10	136.10 7.18 -0.71	132.61 6.54 -0.14	132.39 6.18 -0.04	132.37 6.66 -0.04	183.73 7.60 -42.78	216.86 11.94 -51.92	200.32 14.89 12.97	168.51 11.15 14.25	150.22 8.04 9.56	151.01 9.82 9.99	147.38 10.87 8.36	144.95 10.09 7.28	146.84 11.86 8.04	148.28 10.80 8.50	167.20 14.78 0.02	199.07 17.54 -2.64	218.65 17.87 7.00	206.47 18.09 0.01	200.40 16.34 -4.50	197.01 17.15 -25.36	160.09 14.28 -0.14	229.58 9.62 -74.16	141.95 7.87 4.09
SOUTHDOW_115KV_TB1 355954	125.85 -7.75 0.00	120.39 -7.82 0.00	118.25 -7.68 0.00	118.73 -7.44 0.00	118.51 -7.16 0.00	124.02 -9.33 0.00	143.06 -9.94 0.00	179.88 -17.06 1.46	155.90 -13.21 2.49	138.67 -13.05 0.03	137.73 -13.46 0.00	131.54 -13.33 0.00	128.62 -13.50 0.01	129.98 -13.01 0.02	132.52 -13.43 0.03	132.28 -12.50 7.66	164.86 -13.42 0.61	193.83 -13.71 0.24	176.85 -11.49 0.05	168.02 -11.49 0.05	146.93 -7.57 0.00	135.33 -10.34 0.00	134.43 -11.37 0.00	128.22 -9.95 0.00
SOUTHOLD_69_KV_BK 2 55809	176.44 9.75 -33.09	138.41 9.49 -0.71	136.64 10.58 -0.14	135.17 8.96 -0.04	135.89 10.18 -0.04	186.12 10.00 -42.76	219.74 14.84 -51.90	204.28 18.85 12.97	171.26 13.90 14.24	152.51 10.32 9.56	152.08 10.89 9.99	147.66 11.15 8.35	147.23 12.37 7.28	146.42 11.44 8.03	150.47 12.99 8.50	169.95 17.53 0.02	202.28 20.75 -2.64	218.45 17.66 6.99	205.72 17.33 0.01	200.40 16.34 -4.49	195.45 15.60 -25.35	162.41 16.61 -0.14	233.20 13.27 -74.13	144.44 10.36 4.09
SOUTHOLD___IC 23719	176.44 9.75 -33.09	138.41 9.49 -0.71	135.01 8.94 -0.14	134.66 8.45 -0.04	134.63 8.92 -0.04	186.12 10.01 -42.76	219.90 15.00 -51.90	204.07 18.64 12.97	171.78 14.42 14.24	152.81 10.62 9.56	153.59 12.40 9.99	149.69 13.18 8.35	147.22 12.36 7.28	149.28 14.30 8.04	150.76 13.28 8.50	170.09 17.67 0.02	202.81 21.28 -2.64	218.85 18.07 6.99	206.47 18.09 0.01	200.40 16.34 -4.49	200.40 20.55 -25.35	162.84 17.04 -0.14	232.02 12.09 -74.13	144.45 10.37 4.09
SOUTH_FORK_WT_PWR 323839	176.58 9.89 -33.10	138.54 9.62 -0.71	135.14 9.07 -0.14	134.91 8.70 -0.04	134.76 9.05 -0.04	186.25 10.13 -42.77	219.91 15.00 -51.91	204.29 18.86 12.97	171.78 14.42 14.25	152.81 10.62 9.56	153.59 12.40 9.99	149.83 13.32 8.36	147.37 12.51 7.28	149.28 14.30 8.04	150.90 13.42 8.50	170.24 17.83 0.02	202.81 21.28 -2.64	221.16 20.37 7.00	208.55 20.17 0.01	202.39 18.32 -4.50	200.41 20.55 -25.36	162.99 17.18 -0.14	232.04 12.09 -74.14	144.57 10.50 4.09
SPIERFLS_115KV_TB 1 80737	143.49 9.89 0.00	137.19 8.97 0.00	134.87 8.94 0.00	135.38 9.21 0.00	134.72 9.05 0.00	143.09 9.73 0.00	243.49 11.78 -78.71	230.71 15.48 -16.83	184.48 12.87 0.00	162.52 10.77 0.00	161.46 10.28 0.00	154.71 9.85 0.00	151.94 9.81 0.00	152.88 9.87 0.00	156.19 10.22 0.00	163.26 10.82 0.00	192.13 13.24 0.00	222.53 14.75 0.00	201.96 13.56 0.00	192.86 13.29 0.00	166.08 11.59 0.00	156.01 10.34 0.00	155.86 10.06 0.00	147.70 9.53 0.00
ST LAWRENCE____ 23600	133.73 0.13 0.00	128.47 0.26 0.00	126.31 0.38 0.00	126.55 0.38 0.00	126.05 0.38 0.00	133.89 0.54 0.00	152.39 -0.61 0.00	198.60 0.20 0.00	171.78 0.17 0.00	151.60 -0.15 0.00	151.18 0.00 0.00	144.86 0.00 0.00	142.00 -0.14 0.00	142.73 -0.29 0.00	145.98 0.00 0.00	152.44 0.00 0.00	178.89 0.00 0.00	207.78 0.00 0.00	188.02 -0.38 0.00	179.57 0.00 0.00	152.95 -1.54 0.00	145.53 -0.15 0.00	145.95 0.15 0.00	139.14 0.97 0.00



STATE_CA_115KV_115_LB 55624	139.88 6.28 0.00	134.11 5.90 0.00	131.72 5.79 0.00	131.98 5.80 0.00	131.33 5.66 0.00	139.35 6.00 0.00	202.18 6.88 -42.29	214.98 7.54 -9.04	178.30 6.69 0.00	158.12 6.37 0.00	157.23 6.05 0.00	150.80 5.94 0.00	148.11 5.97 0.00	149.16 6.15 0.00	151.23 5.26 0.00	157.32 4.88 0.00	184.08 5.19 0.00	212.77 4.99 0.00	193.29 4.90 0.00	184.60 5.03 0.00	160.06 5.56 0.00	150.62 4.95 0.00	152.36 6.56 0.00	144.11 5.94 0.00
STATE_ST_34_KV_LOAD 55959	130.93 -2.67 0.00	125.78 -2.44 0.00	123.54 -2.39 0.00	123.90 -2.27 0.00	123.29 -2.39 0.00	130.82 -2.53 0.00	151.16 -1.84 0.00	194.64 -2.78 0.99	169.38 -2.23 0.00	149.62 -2.12 0.00	148.91 -2.27 0.00	142.69 -2.17 0.00	139.87 -2.27 -0.01	140.74 -2.29 -0.02	143.64 -2.34 0.00	150.15 -2.29 0.00	176.92 -1.97 0.00	206.53 -1.25 0.00	186.89 -1.51 0.00	177.77 -1.80 0.00	154.19 -0.31 0.00	143.78 -1.89 0.00	143.47 -2.33 0.00	135.68 -2.49 0.00
STATION_5_MISC_HYD 23604	124.25 -9.36 0.00	118.86 -9.35 0.00	117.24 -8.69 0.00	117.34 -8.84 0.00	116.87 -8.80 0.00	122.81 -10.54 0.00	141.37 -11.63 0.00	180.05 -16.86 1.49	156.14 -15.44 0.02	139.15 -12.59 0.00	138.63 -12.55 0.00	133.13 -11.73 0.00	130.62 -11.51 0.00	131.43 -11.58 0.01	133.71 -12.26 0.00	138.06 -13.26 1.12	164.56 -14.32 0.01	194.47 -13.30 0.01	175.39 -13.00 0.00	167.35 -12.22 0.00	145.70 -8.80 0.00	135.33 -10.34 0.00	135.45 -10.35 0.00	128.09 -10.08 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	126.52 -7.08 0.00	121.29 -6.92 0.00	119.13 -6.80 0.00	119.48 -6.69 0.00	118.89 -6.79 0.00	125.62 -7.73 0.00	144.28 -8.72 0.00	184.95 -12.10 1.35	160.61 -10.64 0.36	142.79 -8.95 0.00	142.41 -8.77 0.00	136.61 -8.26 0.00	134.18 -7.96 0.00	134.86 -8.15 0.00	137.36 -8.61 0.00	142.03 -9.30 1.11	169.14 -9.66 0.09	198.60 -9.14 0.03	178.78 -9.61 0.01	169.86 -9.70 0.01	148.62 -5.87 0.00	138.24 -7.43 0.00	137.93 -7.87 0.00	130.70 -7.46 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	123.98 -9.62 0.00	118.60 -9.62 0.00	116.61 -9.32 0.00	116.83 -9.34 0.00	116.37 -9.30 0.00	122.55 -10.80 0.00	140.30 -12.70 0.00	179.46 -17.46 1.48	155.91 -15.62 0.08	138.69 -13.05 0.00	138.48 -12.70 0.00	132.98 -11.88 0.00	130.62 -11.51 0.00	131.28 -11.73 0.01	133.56 -12.41 0.00	137.85 -13.41 1.17	164.55 -14.31 0.02	193.43 -14.34 0.01	173.88 -14.51 0.01	165.20 -14.37 0.01	145.38 -9.12 0.00	135.04 -10.63 0.00	134.72 -11.08 0.00	127.80 -10.36 0.00
STA_56___34_KV_BUS2 355983	123.98 -9.62 0.00	118.60 -9.62 0.00	116.61 -9.32 0.00	116.83 -9.34 0.00	116.37 -9.30 0.00	122.55 -10.80 0.00	140.30 -12.70 0.00	179.46 -17.46 1.48	155.91 -15.62 0.08	138.69 -13.05 0.00	138.48 -12.70 0.00	132.98 -11.88 0.00	130.62 -11.51 0.00	131.28 -11.73 0.01	133.56 -12.41 0.00	137.85 -13.41 1.17	164.55 -14.31 0.02	193.43 -14.34 0.01	173.88 -14.51 0.01	165.20 -14.37 0.01	145.38 -9.12 0.00	135.04 -10.63 0.00	134.72 -11.08 0.00	127.80 -10.36 0.00
STA_67___115KV_BK2 355882	124.12 -9.49 0.00	118.73 -9.49 0.00	116.61 -9.32 0.00	116.96 -9.21 0.00	116.37 -9.30 0.00	122.55 -10.80 0.00	140.15 -12.85 0.00	179.06 -17.86 1.49	155.62 -15.96 0.03	138.39 -13.35 0.00	138.18 -13.00 0.00	132.69 -12.17 0.00	130.34 -11.80 0.00	130.99 -12.01 0.01	133.27 -12.70 0.00	137.44 -13.87 1.13	164.21 -14.67 0.01	193.02 -14.75 0.01	173.70 -14.69 0.00	164.84 -14.72 0.00	145.38 -9.12 0.00	135.04 -10.63 0.00	134.72 -11.08 0.00	127.80 -10.36 0.00
STA_7___115KV_9TRANS 80674	124.92 -8.68 0.00	119.37 -8.85 0.00	117.37 -8.56 0.00	117.72 -8.45 0.00	117.13 -8.55 0.00	123.35 -10.00 0.00	141.07 -11.93 0.00	180.25 -16.67 1.49	156.64 -14.93 0.04	139.30 -12.44 0.00	139.24 -11.94 0.00	133.85 -11.01 0.00	131.47 -10.66 0.00	132.14 -10.87 0.01	134.58 -11.39 0.00	138.65 -12.65 1.14	165.64 -13.24 0.01	194.89 -12.88 0.01	175.20 -13.19 0.00	166.27 -13.29 0.00	146.46 -8.03 0.00	136.06 -9.61 0.00	135.74 -10.06 0.00	128.77 -9.40 0.00
STA_82___115KV_TB1 80780	123.98 -9.62 0.00	118.60 -9.62 0.00	116.61 -9.32 0.00	116.83 -9.34 0.00	116.25 -9.43 0.00	122.42 -10.93 0.00	139.99 -13.01 0.00	178.86 -18.05 1.49	155.51 -16.13 -0.04	138.24 -13.51 0.00	138.03 -13.15 0.00	132.55 -12.31 0.00	130.19 -11.94 0.00	130.85 -12.16 0.01	133.13 -12.85 0.00	137.39 -14.02 1.03	164.05 -14.85 -0.01	192.82 -14.96 0.00	173.51 -14.88 0.00	164.66 -14.90 0.00	145.23 -9.27 0.00	134.89 -10.78 0.00	134.57 -11.23 0.00	127.66 -10.50 0.00
STEEL___WIND 323596	120.11 -13.49 0.00	114.88 -13.34 0.00	113.46 -12.47 0.00	113.43 -12.74 0.00	113.36 -12.31 0.00	117.62 -15.74 0.00	135.10 -17.90 0.00	169.95 -26.98 1.48	145.45 -23.50 2.65	130.93 -20.78 0.03	130.32 -20.86 0.00	124.87 -19.99 0.00	122.38 -19.75 0.01	123.41 -19.59 0.02	125.80 -20.15 0.03	123.38 -20.12 8.93	155.51 -22.72 0.65	183.21 -24.31 0.26	166.49 -21.85 0.06	158.32 -21.19 0.06	139.51 -14.98 0.00	129.06 -16.61 0.00	129.32 -16.48 0.00	122.69 -15.47 0.00
STEPHTWN_115KV_BK_2 55603	140.68 7.08 0.00	134.75 6.54 0.00	132.35 6.42 0.00	132.61 6.43 0.00	132.08 6.41 0.00	140.29 6.93 0.00	197.28 7.96 -36.32	215.29 9.13 -7.77	179.50 7.89 0.00	159.03 7.28 0.00	158.13 6.95 0.00	151.53 6.66 0.00	148.96 6.82 0.00	150.02 7.01 0.00	152.25 6.28 0.00	158.54 6.10 0.00	185.69 6.80 0.00	214.64 6.86 0.00	195.18 6.78 0.00	186.39 6.82 0.00	161.29 6.80 0.00	151.79 6.12 0.00	153.24 7.44 0.00	144.94 6.77 0.00
STEUBEN_REC_LFGE 323667	122.51 -11.09 0.00	117.96 -10.26 0.00	116.11 -9.82 0.00	117.21 -8.96 0.00	117.00 -8.67 0.00	123.22 -10.13 0.00	145.11 -10.10 -2.21	181.80 -15.67 0.93	165.22 -15.27 -8.89	136.98 -14.87 -0.10	136.06 -15.12 0.00	130.23 -14.63 0.00	127.17 -14.92 0.05	127.76 -15.16 0.09	130.75 -15.33 -0.10	164.68 -15.09 -27.34	164.62 -16.46 -2.19	191.60 -17.04 -0.86	172.94 -15.64 -0.18	164.48 -15.26 -0.18	143.99 -10.51 0.00	133.29 -12.38 0.00	133.12 -12.68 0.00	126.84 -11.33 0.00
STILLWATER___SOLAR 323814	141.89 8.29 0.00	135.78 7.56 0.00	133.49 7.56 0.00	133.87 7.70 0.00	133.21 7.54 0.00	141.35 8.00 0.00	238.00 9.94 -75.06	227.16 12.71 -16.05	182.25 10.64 0.00	160.70 8.95 0.00	159.64 8.46 0.00	152.97 8.11 0.00	150.23 8.10 0.00	151.45 8.44 0.00	154.59 8.61 0.00	161.43 8.99 0.00	189.80 10.91 0.00	219.83 12.05 0.00	199.51 11.11 0.00	190.34 10.77 0.00	164.39 9.90 0.00	154.41 8.74 0.00	154.25 8.45 0.00	146.18 8.01 0.00
STONY___BROOK 24151	175.62 4.40 -37.62	133.49 4.36 -0.91	129.74 3.65 -0.15	129.62 3.41 -0.04	129.48 3.77 -0.04	186.35 4.54 -48.46	218.24 7.65 -57.60	194.85 9.52 13.08	164.46 7.21 14.35	146.83 4.71 9.63	147.61 6.50 10.06	144.26 7.82 8.42	142.19 7.39 7.33	143.79 8.87 8.10	145.15 7.73 8.56	163.40 10.98 0.02	194.39 12.52 -2.98	214.15 13.10 6.72	201.96 13.57 0.01	196.85 12.22 -5.07	195.74 12.67 -28.58	156.16 10.34 -0.15	235.38 5.98 -83.60	138.47 4.42 4.12
STURGEON_POOL_HYD 23609	139.48 5.88 0.00	133.85 5.64 0.00	131.22 5.29 0.00	131.34 5.17 0.00	130.70 5.03 0.00	138.82 5.47 0.00	170.68 6.88 -10.79	208.56 8.13 -2.03	179.33 7.72 0.00	158.73 6.98 0.00	157.83 6.65 0.00	151.24 6.37 0.00	148.68 6.54 0.00	149.59 6.58 0.00	152.54 6.57 0.00	159.91 7.47 0.00	187.65 8.77 0.00	217.75 9.97 0.00	198.00 9.61 0.00	188.73 9.16 0.00	163.15 8.65 0.00	152.08 6.41 0.00	151.49 5.69 0.00	143.00 4.84 0.00



ST_LAW_115_BK7_LBMP 345037	133.87 0.27 0.00	128.60 0.39 0.00	126.44 0.51 0.00	126.68 0.51 0.00	126.18 0.50 0.00	134.02 0.67 0.00	152.24 -0.76 0.00	198.80 0.40 0.00	171.78 0.17 0.00	151.60 -0.15 0.00	151.18 0.00 0.00	144.86 0.00 0.00	142.00 -0.14 0.00	142.59 -0.43 0.00	145.98 0.00 0.00	152.29 -0.15 0.00	178.89 0.00 0.00	207.78 0.00 0.00	188.02 -0.38 0.00	179.57 0.00 0.00	152.65 -1.85 0.00	145.38 -0.29 0.00	145.95 0.15 0.00	139.14 0.97 0.00
ST_LAW_115_BK8_LBMP 345038	133.87 0.27 0.00	128.60 0.39 0.00	126.44 0.51 0.00	126.68 0.51 0.00	126.18 0.50 0.00	134.02 0.67 0.00	152.24 -0.76 0.00	198.80 0.40 0.00	171.78 0.17 0.00	151.60 -0.15 0.00	151.18 0.00 0.00	144.86 0.00 0.00	142.00 -0.14 0.00	142.59 -0.43 0.00	145.98 0.00 0.00	152.29 -0.15 0.00	178.89 0.00 0.00	207.78 0.00 0.00	188.02 -0.38 0.00	179.57 0.00 0.00	152.65 -1.85 0.00	145.38 -0.29 0.00	145.95 0.15 0.00	139.14 0.97 0.00
ST_LAW_230_BK5_LBMP 345035	133.73 0.13 0.00	128.47 0.26 0.00	126.31 0.38 0.00	126.55 0.38 0.00	126.05 0.38 0.00	133.89 0.54 0.00	152.39 -0.61 0.00	198.60 0.20 0.00	171.78 0.17 0.00	151.60 -0.15 0.00	151.18 0.00 0.00	144.86 0.00 0.00	142.00 -0.14 0.00	142.73 -0.29 0.00	145.98 0.00 0.00	152.44 0.00 0.00	178.89 0.00 0.00	207.78 0.00 0.00	188.02 -0.38 0.00	179.57 0.00 0.00	152.95 -1.54 0.00	145.53 -0.15 0.00	145.95 0.15 0.00	139.14 0.97 0.00
ST_LAW_230_BK6_LBMP 345036	133.73 0.13 0.00	128.47 0.26 0.00	126.31 0.38 0.00	126.55 0.38 0.00	126.05 0.38 0.00	133.89 0.54 0.00	152.39 -0.61 0.00	198.60 0.20 0.00	171.78 0.17 0.00	151.60 -0.15 0.00	151.18 0.00 0.00	144.86 0.00 0.00	142.00 -0.14 0.00	142.73 -0.29 0.00	145.98 0.00 0.00	152.44 0.00 0.00	178.89 0.00 0.00	207.78 0.00 0.00	188.02 -0.38 0.00	179.57 0.00 0.00	152.95 -1.54 0.00	145.53 -0.15 0.00	145.95 0.15 0.00	139.14 0.97 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	138.28 4.68 0.00	132.57 4.36 0.00	129.96 4.03 0.00	130.21 4.04 0.00	129.57 3.90 0.00	137.62 4.27 0.00	165.76 5.97 -6.79	206.70 7.14 -1.15	177.78 6.18 0.00	157.36 5.61 0.00	156.62 5.44 0.00	150.08 5.22 0.00	147.54 5.40 0.00	148.45 5.43 0.00	151.38 5.40 0.00	158.54 6.10 0.00	185.86 6.98 0.00	215.47 7.69 0.00	195.74 7.35 0.00	186.57 7.00 0.00	161.45 6.95 0.00	150.62 4.95 0.00	150.32 4.52 0.00	141.90 3.73 0.00
SWANROAD_115KV_TB1 355699	115.16 -18.44 0.00	110.01 -18.21 0.00	108.05 -17.88 0.00	108.38 -17.79 0.00	108.08 -17.59 0.00	112.28 -21.07 0.00	126.68 -26.32 0.00	160.02 -36.90 1.48	139.52 -31.92 0.17	124.41 -27.31 0.03	124.27 -26.91 0.00	119.22 -25.64 0.00	116.83 -25.30 0.01	117.68 -25.31 0.02	119.53 -26.42 0.03	118.46 -27.74 6.23	147.70 -31.13 0.06	173.87 -33.87 0.04	157.10 -31.27 0.03	149.01 -30.53 0.03	133.64 -20.86 0.00	123.67 -22.00 0.00	123.64 -22.16 0.00	117.58 -20.59 0.00
SYNERGY___BIOGAS 323694	121.18 -12.42 0.00	115.78 -12.44 0.00	113.84 -12.09 0.00	114.19 -11.99 0.00	113.73 -11.94 0.00	119.08 -14.27 0.00	135.56 -17.44 0.00	172.52 -24.40 1.47	151.30 -21.45 -1.14	133.37 -18.36 0.02	133.04 -18.14 0.00	127.62 -17.24 0.00	125.22 -16.91 0.01	125.98 -17.02 0.01	128.29 -17.66 0.02	129.83 -18.60 4.01	159.65 -19.50 -0.26	188.33 -19.53 -0.08	169.17 -19.22 0.01	160.35 -19.21 0.01	142.45 -12.05 0.00	131.54 -14.13 0.00	131.07 -14.73 0.00	124.63 -13.54 0.00
SYRACUSE___ENERGY_ST1 323597	130.66 -2.94 0.00	125.52 -2.69 0.00	123.29 -2.64 0.00	123.65 -2.52 0.00	123.03 -2.64 0.00	130.42 -2.93 0.00	150.40 -2.60 0.00	193.81 -3.77 0.82	168.52 -3.09 0.00	149.02 -2.73 0.00	148.46 -2.72 0.00	142.26 -2.61 0.00	139.58 -2.56 0.00	140.44 -2.57 -0.01	143.35 -2.63 0.00	149.69 -2.74 0.00	176.03 -2.86 0.00	205.08 -2.70 0.00	185.57 -2.83 0.00	176.69 -2.87 0.00	152.95 -1.54 0.00	143.05 -2.62 0.00	142.88 -2.92 0.00	135.26 -2.90 0.00
SYRACUSE___ENERGY_ST2 323598	130.66 -2.94 0.00	125.52 -2.69 0.00	123.29 -2.64 0.00	123.65 -2.52 0.00	123.03 -2.64 0.00	130.42 -2.93 0.00	150.40 -2.60 0.00	193.81 -3.77 0.82	168.52 -3.09 0.00	149.02 -2.73 0.00	148.46 -2.72 0.00	142.26 -2.61 0.00	139.58 -2.56 0.00	140.44 -2.57 -0.01	143.35 -2.63 0.00	149.69 -2.74 0.00	176.03 -2.86 0.00	205.08 -2.70 0.00	185.57 -2.83 0.00	176.69 -2.87 0.00	152.95 -1.54 0.00	143.05 -2.62 0.00	142.88 -2.92 0.00	135.26 -2.90 0.00
SYRACUSE___POWER 24017	130.53 -3.07 0.00	125.39 -2.82 0.00	123.03 -2.90 0.00	123.40 -2.78 0.00	122.78 -2.89 0.00	130.15 -3.20 0.00	150.25 -2.75 0.00	192.78 -4.17 1.46	168.35 -3.26 0.00	148.87 -2.88 0.00	148.16 -3.02 0.00	141.97 -2.90 0.00	139.44 -2.70 0.00	140.16 -2.86 -0.01	143.06 -2.92 0.00	149.54 -2.90 0.00	175.67 -3.22 0.00	204.66 -3.12 0.00	185.38 -3.01 0.00	176.51 -3.05 0.00	152.80 -1.70 0.00	142.90 -2.77 0.00	142.74 -3.06 0.00	134.99 -3.18 0.00
TALLMAN_138KV_BK151 55660	138.41 4.81 0.00	132.70 4.49 0.00	130.09 4.16 0.00	130.21 4.04 0.00	129.69 4.02 0.00	137.75 4.40 0.00	166.11 6.12 -6.99	207.14 7.54 -1.20	177.96 6.35 0.00	157.67 5.92 0.00	156.77 5.59 0.00	150.37 5.50 0.00	147.82 5.69 0.00	148.73 5.72 0.00	151.52 5.55 0.00	158.84 6.40 0.00	186.04 7.16 0.00	215.47 7.69 0.00	195.74 7.35 0.00	186.93 7.36 0.00	161.91 7.42 0.00	150.92 5.24 0.00	150.47 4.67 0.00	142.17 4.01 0.00
TEALLAVE_115KV_TB7 355573	129.86 -3.74 0.00	124.62 -3.59 0.00	122.40 -3.53 0.00	122.76 -3.41 0.00	122.15 -3.52 0.00	129.49 -3.87 0.00	149.33 -3.67 0.00	191.61 -5.36 1.44	167.32 -4.29 0.00	147.95 -3.79 0.00	147.25 -3.93 0.00	141.24 -3.62 0.00	138.58 -3.55 0.00	139.44 -3.58 0.00	142.18 -3.80 0.00	148.63 -3.81 0.00	174.59 -4.29 0.00	203.21 -4.57 0.00	184.06 -4.33 0.00	175.08 -4.49 0.00	151.71 -2.78 0.00	141.88 -3.79 0.00	141.86 -3.94 0.00	134.30 -3.87 0.00
TELGRAPH_34_KV_EAST 80808	118.50 -15.10 0.00	113.21 -15.00 0.00	111.20 -14.73 0.00	111.54 -14.64 0.00	111.22 -14.45 0.00	115.88 -17.47 0.00	131.58 -21.42 0.00	166.97 -29.96 1.47	146.93 -26.08 -1.41	129.27 -22.46 0.02	129.11 -22.07 0.00	123.86 -21.01 0.00	121.52 -20.61 0.01	122.26 -20.74 0.01	124.35 -21.60 0.02	125.00 -22.71 4.73	154.34 -24.87 -0.32	181.70 -26.18 -0.10	163.52 -24.87 0.01	155.14 -24.42 0.01	138.27 -16.22 0.00	127.90 -17.77 0.00	127.58 -18.23 0.00	121.31 -16.86 0.00
TEMPLE___115KV_TB 2 55572	129.86 -3.74 0.00	124.75 -3.46 0.00	122.40 -3.53 0.00	122.76 -3.41 0.00	122.15 -3.52 0.00	129.49 -3.87 0.00	149.33 -3.67 0.00	191.53 -5.36 1.52	167.32 -4.29 0.00	147.95 -3.79 0.00	147.40 -3.78 0.00	141.24 -3.62 0.00	138.73 -3.41 0.00	139.44 -3.58 0.00	142.33 -3.65 0.00	148.63 -3.81 0.00	174.59 -4.29 0.00	203.42 -4.36 0.00	184.06 -4.33 0.00	175.26 -4.31 0.00	151.87 -2.63 0.00	142.03 -3.64 0.00	141.86 -3.94 0.00	134.30 -3.87 0.00
TIANA___69_KV_BK 1 55817	173.51 6.81 -33.09	135.59 6.67 -0.71	133.75 7.68 -0.14	132.27 6.06 -0.04	133.13 7.41 -0.04	183.19 7.07 -42.77	215.92 11.02 -51.90	199.32 13.89 12.97	167.49 10.12 14.24	149.47 7.28 9.56	148.90 7.71 9.99	144.77 8.26 8.35	144.38 9.52 7.28	143.56 8.58 8.04	147.55 10.07 8.50	166.44 14.02 0.02	197.99 16.46 -2.64	217.61 16.83 7.00	205.15 16.77 0.01	200.04 15.98 -4.49	195.15 15.30 -25.36	159.06 13.26 -0.14	230.14 10.21 -74.13	141.40 7.32 4.09



TILDEN___115KV_TB1 80814	130.53 -3.07 0.00	125.39 -2.82 0.00	123.03 -2.90 0.00	123.40 -2.78 0.00	122.78 -2.89 0.00	130.15 -3.20 0.00	150.25 -2.75 0.00	192.78 -4.17 1.46	168.35 -3.26 0.00	148.87 -2.88 0.00	148.16 -3.02 0.00	141.97 -2.90 0.00	139.44 -2.70 0.00	140.16 -2.86 -0.01	143.06 -2.92 0.00	149.54 -2.90 0.00	175.67 -3.22 0.00	204.66 -3.12 0.00	185.38 -3.01 0.00	176.51 -3.05 0.00	152.80 -1.70 0.00	142.90 -2.77 0.00	142.74 -3.06 0.00	134.99 -3.18 0.00
TRIGEN___CC 323695	138.01 4.41 0.00	132.45 4.23 0.00	130.84 4.91 0.00	129.96 3.79 0.00	130.20 4.52 0.00	137.75 4.40 0.00	167.49 7.19 -7.30	208.60 8.93 -1.27	178.30 6.69 0.00	157.52 5.77 0.00	157.38 6.20 0.00	151.83 6.95 -0.01	150.67 8.53 -0.01	150.46 7.44 -0.01	154.16 8.17 -0.01	162.97 10.52 -0.01	190.16 11.27 0.00	262.95 12.67 -42.49	200.28 11.87 -0.01	190.88 11.31 0.00	168.69 11.12 -3.07	156.01 9.18 -1.16	152.66 6.85 -0.01	142.87 4.70 -0.01
TRINITY___115KV___4 BK 55933	139.35 5.74 0.00	133.47 5.26 0.00	131.09 5.16 0.00	131.34 5.17 0.00	130.70 5.03 0.00	138.82 5.47 0.00	197.25 6.12 -38.13	213.30 6.75 -8.15	177.44 5.83 0.00	157.36 5.61 0.00	156.47 5.29 0.00	150.08 5.22 0.00	147.54 5.40 0.00	148.45 5.43 0.00	150.65 4.67 0.00	156.71 4.27 0.00	183.36 4.47 0.00	211.94 4.16 0.00	192.54 4.14 0.00	183.88 4.31 0.00	159.29 4.79 0.00	150.04 4.37 0.00	151.63 5.83 0.00	143.55 5.39 0.00
UNION___PROCESSING_DRP 323587	123.98 -9.62 0.00	118.60 -9.62 0.00	116.61 -9.32 0.00	116.83 -9.34 0.00	116.37 -9.30 0.00	122.42 -10.93 0.00	139.99 -13.01 0.00	178.86 -18.05 1.48	155.69 -15.96 -0.04	138.24 -13.51 0.00	138.18 -13.00 0.00	132.55 -12.31 0.00	130.19 -11.94 0.00	130.85 -12.16 0.01	133.27 -12.70 0.00	137.48 -13.87 1.09	164.05 -14.85 -0.01	193.03 -14.75 0.00	173.51 -14.88 0.00	164.84 -14.72 0.00	145.23 -9.27 0.00	134.89 -10.78 0.00	134.57 -11.23 0.00	127.66 -10.50 0.00
UPPER HUDSON___HYD 24058	143.49 9.89 0.00	137.19 8.97 0.00	134.87 8.94 0.00	135.38 9.21 0.00	134.60 8.92 0.00	143.08 9.73 0.00	243.65 11.94 -78.71	230.90 15.67 -16.83	184.64 13.04 0.00	162.68 10.93 0.00	161.60 10.42 0.00	154.72 9.86 0.00	151.94 9.80 0.00	153.02 10.01 0.00	156.19 10.21 0.00	163.26 10.82 0.00	192.31 13.42 0.00	222.53 14.75 0.00	202.14 13.75 0.00	192.86 13.29 0.00	166.23 11.74 0.00	156.30 10.63 0.00	155.85 10.05 0.00	147.69 9.53 0.00
UPPER RAQUET___HYD 24056	135.07 1.47 0.00	130.14 1.93 0.00	128.20 2.27 0.00	128.44 2.27 0.00	127.43 1.76 0.00	134.82 1.47 0.00	152.24 -0.76 0.00	200.39 1.98 0.00	172.64 1.04 0.00	152.21 0.46 0.00	151.64 0.45 0.00	145.01 0.15 0.00	142.56 0.43 0.00	142.73 -0.29 0.00	146.12 0.15 0.00	152.13 -0.30 0.00	178.71 -0.18 0.00	207.99 0.21 0.00	187.65 -0.75 0.00	179.21 -0.36 0.00	151.41 -3.09 0.00	144.07 -1.60 0.00	145.65 -0.15 0.00	140.10 1.93 0.00
VALLEY44_115KV_TB2 355964	122.91 -10.69 0.00	117.57 -10.64 0.00	115.48 -10.45 0.00	115.95 -10.22 0.00	115.62 -10.05 0.00	121.22 -12.14 0.00	139.54 -13.46 0.00	175.12 -21.82 1.46	152.71 -16.65 2.25	135.49 -16.24 0.03	134.25 -16.93 0.00	128.64 -16.22 0.00	125.92 -16.20 0.01	127.26 -15.73 0.02	130.77 -15.18 0.03	131.95 -13.57 6.92	163.13 -15.21 0.55	190.53 -17.04 0.22	174.79 -13.56 0.05	166.41 -13.11 0.05	143.84 -10.66 0.00	132.85 -12.82 0.00	131.95 -13.85 0.00	126.01 -12.16 0.00
VALLEY___115KV_TB 1-4 80826	138.95 5.34 0.00	133.21 5.00 0.00	130.84 4.91 0.00	131.09 4.92 0.00	130.83 5.15 0.00	139.09 5.73 0.00	160.04 7.04 0.00	207.73 9.32 0.00	179.67 8.07 0.00	158.88 7.13 0.00	158.29 7.11 0.00	151.67 6.81 0.00	148.96 6.82 0.00	150.02 7.01 0.00	153.13 7.15 0.00	160.06 7.62 0.00	187.47 8.59 0.00	217.75 9.97 0.00	197.06 8.67 0.00	187.83 8.26 0.00	161.91 7.42 0.00	152.23 6.56 0.00	152.22 6.42 0.00	144.24 6.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	140.28 6.68 0.00	134.88 6.67 0.00	132.35 6.42 0.00	132.48 6.31 0.00	131.96 6.28 0.00	140.15 6.80 0.00	172.21 8.72 -10.49	211.81 11.90 -1.50	181.90 10.30 0.00	160.85 9.10 0.00	160.10 8.92 0.00	153.41 8.55 0.00	150.52 8.39 0.00	151.45 8.44 0.00	154.30 8.32 0.00	161.59 9.15 0.00	189.80 10.91 0.00	220.66 12.88 0.00	199.89 11.49 0.00	190.88 11.31 0.00	165.16 10.66 0.00	154.12 8.45 0.00	153.38 7.58 0.00	145.07 6.91 0.00
VISCHER___FERRY HYD 24020	140.41 6.81 0.00	134.49 6.28 0.00	131.97 6.04 0.00	132.35 6.18 0.00	131.71 6.03 0.00	139.89 6.53 0.00	223.59 8.10 -62.49	221.68 9.92 -13.36	180.01 8.41 0.00	159.18 7.43 0.00	158.44 7.26 0.00	151.82 6.95 0.00	149.10 6.96 0.00	150.16 7.15 0.00	152.98 7.01 0.00	159.30 6.87 0.00	187.12 8.23 0.00	216.51 8.73 0.00	196.88 8.49 0.00	187.66 8.09 0.00	162.37 7.87 0.00	152.81 7.14 0.00	152.80 7.00 0.00	144.66 6.50 0.00
V_A_10_SYNC_DSASP 323832	119.04 -14.56 0.00	113.73 -14.49 0.00	111.70 -14.23 0.00	112.04 -14.13 0.00	111.60 -14.08 0.00	116.55 -16.80 0.00	132.35 -20.66 0.00	167.72 -29.17 1.52	143.62 -25.91 2.08	129.88 -21.85 0.02	130.02 -21.17 0.00	124.58 -20.28 0.00	122.23 -19.90 0.01	122.98 -20.02 0.01	124.94 -21.02 0.02	124.99 -22.56 4.88	153.16 -25.22 0.51	180.78 -26.80 0.19	162.93 -25.43 0.04	154.75 -24.78 0.04	138.27 -16.22 0.00	128.19 -17.48 0.00	128.01 -17.79 0.00	121.59 -16.58 0.00
V_CMM_10_SYNC_DSASP 323787	133.87 0.27 0.00	128.47 0.26 0.00	126.43 0.50 0.00	126.68 0.50 0.00	126.18 0.50 0.00	134.02 0.67 0.00	152.69 -0.31 0.00	199.40 0.99 0.00	172.12 0.51 0.00	152.05 0.30 0.00	151.63 0.45 0.00	145.01 0.14 0.00	141.99 -0.14 0.00	142.87 -0.14 0.00	146.12 0.15 0.00	152.59 0.15 0.00	179.42 0.54 0.00	208.40 0.62 0.00	188.77 0.38 0.00	179.93 0.36 0.00	153.11 -1.39 0.00	145.67 0.00 0.00	146.09 0.29 0.00	139.27 1.11 0.00
V_CMP_10_SYNC_DSASP 323788	134.94 1.34 0.00	129.37 1.15 0.00	127.44 1.51 0.00	127.56 1.39 0.00	126.80 1.13 0.00	134.95 1.60 0.00	154.84 1.84 0.00	201.78 3.37 0.00	174.18 2.57 0.00	154.02 2.28 0.00	153.75 2.57 0.00	146.89 2.03 0.00	143.84 1.71 0.00	144.73 1.72 0.00	148.31 2.34 0.00	155.18 2.74 0.00	181.03 2.15 0.00	210.07 2.29 0.00	191.41 3.01 0.00	182.44 2.87 0.00	156.50 2.01 0.00	148.73 3.06 0.00	149.01 3.21 0.00	141.62 3.45 0.00
V_D_10_SYNC_DSASP 323841	135.47 1.87 0.00	130.14 1.92 0.00	128.07 2.14 0.00	128.32 2.14 0.00	127.68 2.01 0.00	135.62 2.27 0.00	154.07 1.07 0.00	201.97 3.57 0.00	174.18 2.57 0.00	153.87 2.12 0.00	152.99 1.81 0.00	146.17 1.30 0.00	143.27 1.14 0.00	144.01 1.00 0.00	147.43 1.46 0.00	153.81 1.37 0.00	181.39 2.50 0.00	211.10 3.32 0.00	191.03 2.64 0.00	182.08 2.51 0.00	154.34 -0.15 0.00	146.84 1.17 0.00	147.40 1.60 0.00	140.93 2.76 0.00
V_E_10_SYNC_DSASP 323830	140.95 7.35 0.00	135.91 7.69 0.00	133.23 7.30 0.00	133.87 7.70 0.00	133.59 7.92 0.00	142.55 9.20 0.00	171.04 13.16 -4.88	215.33 17.06 0.14	186.51 14.07 -0.83	162.84 11.08 -0.01	161.91 10.73 0.00	154.86 10.00 0.00	151.82 9.67 -0.02	152.78 9.72 -0.04	155.91 9.93 -0.01	167.04 12.04 -2.56	195.01 15.92 -0.20	228.22 20.36 -0.08	205.56 17.14 -0.02	195.92 16.34 -0.02	169.64 15.14 0.00	156.60 10.93 0.00	155.13 9.33 0.00	146.46 8.29 0.00



V_F_30_NSYNC___DSASP 323816	142.02 8.42 0.00	135.91 7.69 0.00	133.61 7.68 0.00	133.99 7.82 0.00	133.34 7.67 0.00	141.49 8.13 0.00	239.48 9.79 -76.68	227.50 12.70 -16.39	182.25 10.64 0.00	160.70 8.95 0.00	159.65 8.47 0.00	152.98 8.11 0.00	150.38 8.24 0.00	151.45 8.44 0.00	154.59 8.61 0.00	161.43 8.99 0.00	189.80 10.91 0.00	219.83 12.05 0.00	199.51 11.12 0.00	190.52 10.95 0.00	164.38 9.89 0.00	154.41 8.74 0.00	154.40 8.60 0.00	146.18 8.01 0.00
V_F_30_SYNC_DSASP 323786	139.88 6.28 0.00	133.98 5.77 0.00	131.60 5.67 0.00	131.98 5.80 0.00	131.33 5.66 0.00	139.35 6.00 0.00	201.90 6.88 -42.02	214.73 7.34 -8.98	178.30 6.69 0.00	157.97 6.22 0.00	157.23 6.05 0.00	150.80 5.94 0.00	148.11 5.97 0.00	149.16 6.15 0.00	151.23 5.26 0.00	157.32 4.88 0.00	184.08 5.19 0.00	212.77 4.99 0.00	193.29 4.90 0.00	184.60 5.03 0.00	159.90 5.41 0.00	150.62 4.95 0.00	152.22 6.42 0.00	144.11 5.94 0.00
V_XM_10_SYNC_DSASP 323789	134.94 1.34 0.00	129.37 1.15 0.00	127.44 1.51 0.00	127.56 1.39 0.00	126.80 1.13 0.00	134.95 1.60 0.00	154.84 1.84 0.00	201.78 3.37 0.00	174.18 2.57 0.00	154.02 2.28 0.00	153.75 2.57 0.00	146.89 2.03 0.00	143.84 1.71 0.00	144.73 1.72 0.00	148.31 2.34 0.00	155.18 2.74 0.00	181.03 2.15 0.00	210.07 2.29 0.00	191.41 3.01 0.00	182.44 2.87 0.00	156.50 2.01 0.00	148.73 3.06 0.00	149.01 3.21 0.00	141.62 3.45 0.00
W.BABYLN_69_KV_BK1 56697	140.58 5.08 -1.91	132.99 5.00 0.22	131.86 5.92 -0.01	131.09 4.92 0.00	131.71 6.03 0.00	141.41 5.20 -2.85	172.77 8.87 -10.89	205.53 11.31 4.19	174.39 8.24 5.46	154.61 6.53 3.66	154.46 7.11 3.83	149.49 7.82 3.20	148.59 9.24 2.79	148.23 8.29 3.08	152.06 9.34 3.25	165.39 12.96 0.01	193.59 14.49 -0.21	234.60 16.83 -9.99	204.60 16.20 0.00	194.65 14.72 -0.36	171.78 14.21 -3.07	157.72 11.65 -0.40	160.38 8.60 -5.97	142.40 5.80 1.56
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	138.81 5.21 0.00	133.09 4.87 0.00	130.46 4.53 0.00	130.59 4.42 0.00	130.07 4.40 0.00	138.15 4.80 0.00	166.78 6.73 -7.05	207.95 8.33 -1.21	178.64 7.04 0.00	158.27 6.53 0.00	157.53 6.35 0.00	150.95 6.08 0.00	148.39 6.25 0.00	149.45 6.44 0.00	152.25 6.28 0.00	159.45 7.01 0.00	186.94 8.05 0.00	216.51 8.73 0.00	196.87 8.48 0.00	187.65 8.08 0.00	162.37 7.88 0.00	151.35 5.68 0.00	150.90 5.10 0.00	142.59 4.42 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	140.82 7.21 0.00	134.88 6.67 0.00	132.10 6.17 0.00	132.23 6.06 0.00	131.58 5.91 0.00	140.15 6.80 0.00	169.32 9.03 -7.29	211.18 11.51 -1.27	181.04 9.44 0.00	160.70 8.95 0.00	159.95 8.77 0.00	153.27 8.40 0.00	150.67 8.53 0.00	151.59 8.58 0.00	154.44 8.47 0.00	162.04 9.60 0.00	189.62 10.73 0.00	219.42 11.64 0.00	199.32 10.93 0.00	190.16 10.59 0.00	164.54 10.04 0.00	153.25 7.57 0.00	153.09 7.29 0.00	144.52 6.36 0.00
W50THST__13_KV_LOAD 356117	141.35 7.75 0.00	135.27 7.05 0.00	132.60 6.67 0.00	132.73 6.56 0.00	132.08 6.41 0.00	140.69 7.33 0.00	169.93 9.64 -7.29	212.17 12.50 -1.27	181.90 10.30 0.00	161.61 9.86 0.00	160.86 9.68 0.00	154.28 9.42 0.00	151.38 9.24 0.00	152.45 9.44 0.00	155.32 9.34 0.00	162.96 10.52 0.00	190.69 11.81 0.00	220.66 12.88 0.00	200.27 11.87 0.00	191.06 11.49 0.00	165.31 10.81 0.00	153.83 8.16 0.00	153.67 7.87 0.00	145.07 6.91 0.00
WADING RIVER_IC_1 23522	172.67 5.87 -33.20	134.56 5.64 -0.71	131.11 5.04 -0.14	131.00 4.79 -0.04	130.87 5.15 -0.04	182.26 6.01 -42.90	214.98 9.94 -52.04	197.93 12.51 12.98	166.61 9.26 14.25	148.55 6.37 9.57	149.35 8.16 9.99	145.78 9.28 8.36	143.53 8.67 7.28	145.41 10.43 8.04	146.82 9.35 8.50	165.53 13.11 0.02	196.93 15.39 -2.65	216.12 15.38 7.04	204.59 16.20 0.01	198.80 14.73 -4.51	195.23 15.30 -25.43	158.34 12.53 -0.14	228.18 8.01 -74.36	140.44 6.36 4.09
WADING RIVER_IC_2 23547	172.67 5.87 -33.20	134.56 5.64 -0.71	131.11 5.04 -0.14	131.00 4.79 -0.04	130.87 5.15 -0.04	182.26 6.01 -42.90	214.98 9.94 -52.04	197.93 12.51 12.98	166.61 9.26 14.25	148.55 6.37 9.57	149.35 8.16 9.99	145.78 9.28 8.36	143.53 8.67 7.28	145.41 10.43 8.04	146.82 9.35 8.50	165.53 13.11 0.02	196.93 15.39 -2.65	216.12 15.38 7.04	204.59 16.20 0.01	198.80 14.73 -4.51	195.23 15.30 -25.43	158.34 12.53 -0.14	228.18 8.01 -74.36	140.44 6.36 4.09
WADING RIVER_IC_3 23601	172.67 5.87 -33.20	134.56 5.64 -0.71	131.11 5.04 -0.14	131.00 4.79 -0.04	130.87 5.15 -0.04	182.26 6.01 -42.90	214.98 9.94 -52.04	197.93 12.51 12.98	166.61 9.26 14.25	148.55 6.37 9.57	149.35 8.16 9.99	145.78 9.28 8.36	143.53 8.67 7.28	145.41 10.43 8.04	146.82 9.35 8.50	165.53 13.11 0.02	196.93 15.39 -2.65	216.12 15.38 7.04	204.59 16.20 0.01	198.80 14.73 -4.51	195.23 15.30 -25.43	158.34 12.53 -0.14	228.18 8.01 -74.36	140.44 6.36 4.09
WALDENNY_12_KV_BK2 80841	119.97 -13.63 0.00	114.62 -13.59 0.00	112.58 -13.35 0.00	113.05 -13.12 0.00	112.73 -12.94 0.00	117.48 -15.87 0.00	133.57 -19.43 0.00	168.75 -28.17 1.48	145.29 -23.85 2.46	130.62 -21.09 0.03	130.32 -20.86 0.00	124.87 -19.99 0.00	122.37 -19.76 0.01	123.40 -19.59 0.02	125.65 -20.29 0.03	123.19 -20.58 8.67	155.38 -22.90 0.61	182.81 -24.73 0.24	165.92 -22.42 0.05	157.43 -22.09 0.05	139.51 -14.99 0.00	129.06 -16.61 0.00	128.74 -17.06 0.00	122.55 -15.61 0.00
WALDEN__HYDRO 24148	139.21 5.61 0.00	133.47 5.26 0.00	130.97 5.04 0.00	131.09 4.92 0.00	130.45 4.78 0.00	138.55 5.20 0.00	167.48 7.19 -7.29	208.20 8.53 -1.26	178.99 7.38 0.00	158.43 6.68 0.00	157.53 6.35 0.00	151.09 6.23 0.00	148.39 6.25 0.00	149.45 6.44 0.00	152.25 6.28 0.00	159.60 7.16 0.00	187.12 8.23 0.00	217.13 9.35 0.00	197.25 8.85 0.00	188.01 8.44 0.00	162.68 8.19 0.00	151.79 6.12 0.00	151.34 5.54 0.00	142.86 4.70 0.00
WARRENSBURG____ 23737	143.49 9.89 0.00	137.19 8.97 0.00	134.87 8.94 0.00	135.38 9.21 0.00	134.72 9.05 0.00	143.09 9.73 0.00	243.49 11.78 -78.71	230.71 15.48 -16.83	184.48 12.87 0.00	162.52 10.77 0.00	161.46 10.28 0.00	154.71 9.85 0.00	151.94 9.81 0.00	152.88 9.87 0.00	156.19 10.22 0.00	163.26 10.82 0.00	192.13 13.24 0.00	222.53 14.75 0.00	201.96 13.56 0.00	192.86 13.29 0.00	166.08 11.59 0.00	156.01 10.34 0.00	155.86 10.06 0.00	147.70 9.53 0.00
WATERSIDE____6 8 9 23538	141.62 8.02 -0.01	135.53 7.31 -0.01	132.99 7.05 -0.01	132.99 6.81 -0.01	132.34 6.66 -0.01	140.83 7.47 -0.01	169.94 9.64 -7.30	211.98 12.30 -1.27	181.89 10.30 0.01	161.47 9.71 -0.01	160.56 9.37 -0.01	153.95 8.98 -0.10	151.38 9.24 -0.01	152.32 9.30 -0.01	155.18 9.20 -0.01	162.66 10.21 -0.01	190.34 11.45 -0.01	220.46 12.67 -0.01	200.27 11.87 -0.01	191.05 11.49 0.01	165.30 10.81 0.01	153.98 8.30 -0.01	153.97 8.16 -0.01	145.36 7.18 -0.01
WATKINRD_115KV_LN8_ILLION 55919	137.61 4.01 0.00	132.06 3.85 0.00	129.58 3.65 0.00	129.83 3.66 0.00	129.57 3.90 0.00	137.62 4.27 0.00	158.20 5.20 0.00	205.35 6.94 0.00	177.44 5.83 0.00	156.91 5.16 0.00	156.32 5.14 0.00	149.79 4.93 0.00	147.11 4.97 0.00	148.16 5.15 0.00	151.08 5.11 0.00	157.93 5.49 0.00	185.15 6.26 0.00	215.05 7.27 0.00	194.80 6.41 0.00	185.67 6.11 0.00	160.06 5.56 0.00	150.48 4.81 0.00	150.47 4.67 0.00	142.59 4.42 0.00



WDELAWARE___HYD 323627	139.62 6.02 0.00	134.11 5.90 0.00	131.34 5.41 0.00	131.59 5.42 0.00	130.95 5.28 0.00	139.21 5.86 0.00	168.92 8.26 -7.66	209.46 9.72 -1.34	180.01 8.41 0.00	159.18 7.43 0.00	158.29 7.11 0.00	151.53 6.67 0.00	148.68 6.54 0.00	149.74 6.72 0.00	152.69 6.72 0.00	160.06 7.62 0.00	188.72 9.83 0.00	219.20 11.42 0.00	199.32 10.92 0.00	189.62 10.05 0.00	164.23 9.74 0.00	152.81 7.14 0.00	151.92 6.12 0.00	143.28 5.12 0.00
WEST BABYLON___IC 23714	140.58 5.08 -1.91	132.99 5.00 0.22	131.86 5.92 -0.01	131.09 4.92 0.00	131.71 6.03 0.00	141.41 5.20 -2.85	172.77 8.87 -10.89	205.53 11.31 4.19	174.39 8.24 5.46	154.61 6.53 3.66	154.46 7.11 3.83	149.49 7.82 3.20	148.59 9.24 2.79	148.23 8.29 3.08	152.06 9.34 3.25	165.39 12.96 0.01	193.59 14.49 -0.21	234.60 16.83 -9.99	204.60 16.20 0.00	194.65 14.72 -0.36	171.78 14.21 -3.07	157.72 11.65 -0.40	160.38 8.60 -5.97	142.40 5.80 1.56
WEST CANADA___HYD 24049	134.27 0.67 0.00	128.86 0.64 0.00	126.56 0.63 0.00	126.81 0.63 0.00	126.30 0.63 0.00	134.02 0.67 0.00	154.08 1.08 0.00	199.60 1.20 0.00	172.64 1.04 0.00	152.66 0.92 0.00	152.09 0.91 0.00	145.74 0.87 0.00	142.99 0.86 0.00	144.02 1.01 0.00	146.86 0.88 0.00	153.36 0.92 0.00	179.79 0.90 0.00	208.61 0.83 0.00	189.15 0.76 0.00	180.29 0.72 0.00	155.58 1.09 0.00	146.40 0.73 0.00	146.53 0.73 0.00	138.72 0.55 0.00
WESTERN_NY_WIND 24143	120.91 -12.69 0.00	115.52 -12.69 0.00	113.59 -12.34 0.00	113.81 -12.36 0.00	113.36 -12.32 0.00	118.68 -14.67 0.00	135.10 -17.90 0.00	171.93 -25.00 1.47	150.88 -21.97 -1.24	132.76 -18.97 0.02	132.59 -18.60 0.00	127.19 -17.67 0.00	124.79 -17.34 0.01	125.55 -17.45 0.01	127.85 -18.10 0.02	129.09 -19.05 4.29	158.95 -20.21 -0.28	187.72 -20.15 -0.09	168.61 -19.78 0.01	159.81 -19.75 0.01	141.98 -12.51 0.00	131.10 -14.57 0.00	130.64 -15.16 0.00	124.21 -13.95 0.00
WESTOVER___LESR 323668	130.93 -2.67 0.00	125.65 -2.56 0.00	123.29 -2.64 0.00	123.77 -2.40 0.00	123.16 -2.51 0.00	130.42 -2.93 0.00	153.83 -2.45 -3.27	193.03 -4.76 0.61	170.17 -2.06 -0.63	149.63 -2.12 -0.01	148.91 -2.27 0.00	142.69 -2.17 0.00	140.00 -2.13 0.01	140.86 -2.15 0.01	143.79 -2.19 -0.01	152.69 -1.68 -1.92	177.25 -1.79 -0.15	206.39 -1.45 -0.06	187.28 -1.13 -0.01	178.32 -1.26 -0.01	154.65 0.15 0.00	144.21 -1.46 0.00	143.90 -1.90 0.00	136.37 -1.80 0.00
WETHRSFD_WT_PWR 323626	119.70 -13.90 0.00	114.62 -13.59 0.00	113.22 -12.71 0.00	113.56 -12.62 0.00	113.61 -12.07 0.00	118.42 -14.93 0.00	136.63 -16.37 0.00	172.34 -24.61 1.45	140.71 -22.14 8.76	131.47 -20.18 0.10	130.93 -20.25 0.00	125.60 -19.27 0.00	122.65 -19.47 0.01	123.40 -19.59 0.03	125.59 -20.29 0.10	105.09 -20.42 26.93	153.66 -23.08 2.15	182.21 -24.73 0.85	165.80 -22.42 0.18	157.84 -21.55 0.18	139.05 -15.45 0.00	129.06 -16.61 0.00	129.47 -16.33 0.00	123.11 -15.06 0.00
WHAVSTOR_138KV_BK127 55557	138.28 4.68 0.00	132.57 4.36 0.00	130.09 4.16 0.00	130.21 4.04 0.00	129.57 3.90 0.00	137.62 4.27 0.00	166.18 6.12 -7.06	207.16 7.54 -1.22	177.96 6.35 0.00	157.67 5.92 0.00	156.77 5.59 0.00	150.37 5.50 0.00	147.82 5.69 0.00	148.73 5.72 0.00	151.52 5.55 0.00	158.84 6.40 0.00	186.04 7.16 0.00	215.47 7.69 0.00	195.74 7.35 0.00	186.75 7.18 0.00	161.60 7.11 0.00	150.77 5.10 0.00	150.47 4.67 0.00	142.03 3.87 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	138.28 4.68 0.00	132.57 4.36 0.00	130.09 4.16 0.00	130.21 4.04 0.00	129.57 3.90 0.00	137.62 4.27 0.00	166.18 6.12 -7.06	207.16 7.54 -1.22	177.96 6.35 0.00	157.67 5.92 0.00	156.77 5.59 0.00	150.37 5.50 0.00	147.82 5.69 0.00	148.73 5.72 0.00	151.52 5.55 0.00	158.84 6.40 0.00	186.04 7.16 0.00	215.47 7.69 0.00	195.74 7.35 0.00	186.75 7.18 0.00	161.60 7.11 0.00	150.77 5.10 0.00	150.47 4.67 0.00	142.03 3.87 0.00
WHITEHAL_115KV_TB1 80871	143.22 9.62 0.00	136.93 8.72 0.00	134.75 8.82 0.00	135.26 9.08 0.00	134.60 8.92 0.00	143.09 9.73 0.00	242.82 12.09 -77.73	231.29 16.27 -16.62	184.82 13.21 0.00	162.52 10.77 0.00	161.16 9.98 0.00	154.28 9.42 0.00	151.52 9.38 0.00	152.60 9.58 0.00	156.05 10.07 0.00	163.41 10.98 0.00	193.02 14.13 0.00	223.36 15.58 0.00	202.71 14.32 0.00	193.75 14.19 0.00	166.39 11.90 0.00	156.16 10.49 0.00	155.71 9.91 0.00	147.70 9.53 0.00
WHITEPLN_13_KV_LOAD 356215	141.22 7.62 0.00	135.27 7.05 0.00	132.86 6.93 0.00	132.98 6.81 0.00	132.21 6.53 0.00	140.55 7.20 0.00	169.92 9.64 -7.28	212.37 12.70 -1.27	182.25 10.64 0.00	161.61 9.86 0.00	160.86 9.68 0.00	154.13 9.27 0.00	151.66 9.52 0.00	152.60 9.58 0.00	155.46 9.49 0.00	162.96 10.52 0.00	190.87 11.99 0.00	221.49 13.71 0.00	201.02 12.62 0.00	191.78 12.21 0.00	165.77 11.28 0.00	154.41 8.74 0.00	153.97 8.16 0.00	145.35 7.18 0.00
WM_FLOYD_69_KV_BK2 356380	171.67 5.34 -32.73	134.04 5.13 -0.70	132.24 6.17 -0.13	130.88 4.67 -0.04	131.62 5.91 -0.04	181.12 5.47 -42.30	213.46 9.03 -51.43	197.00 11.51 12.91	165.49 8.07 14.18	147.85 5.61 9.52	147.29 6.05 9.94	143.21 6.66 8.32	143.00 8.10 7.24	142.17 7.15 8.00	145.99 8.47 8.46	164.61 12.20 0.02	195.64 14.13 -2.62	215.76 14.75 6.77	203.08 14.69 0.01	198.02 14.01 -4.45	193.20 13.60 -25.11	157.17 11.36 -0.14	227.76 8.60 -73.35	139.90 5.80 4.07
WOODARD___115KV_TB2 355635	129.86 -3.74 0.00	124.62 -3.59 0.00	122.28 -3.65 0.00	122.64 -3.53 0.00	122.15 -3.52 0.00	129.49 -3.87 0.00	149.17 -3.83 0.00	191.97 -5.36 1.07	167.14 -4.46 0.00	147.80 -3.95 0.00	147.25 -3.93 0.00	141.10 -3.77 0.00	138.58 -3.55 0.00	139.44 -3.58 0.00	142.18 -3.80 0.00	148.48 -3.96 0.00	174.42 -4.47 0.00	203.21 -4.57 0.00	183.87 -4.52 0.00	175.08 -4.49 0.00	151.56 -2.94 0.00	141.88 -3.79 0.00	141.86 -3.94 0.00	134.16 -4.01 0.00
WOODMERE_69_KV_BK1 55827	139.62 6.01 0.00	133.99 5.77 0.00	132.36 6.42 0.00	131.35 5.17 0.00	131.84 6.16 0.00	139.36 6.00 0.00	169.48 9.18 -7.30	211.39 11.71 -1.28	180.36 8.75 0.00	159.34 7.59 0.00	159.35 8.16 0.00	153.73 8.84 -0.03	152.68 10.52 -0.03	152.34 9.30 -0.03	156.08 10.07 -0.03	165.27 12.80 -0.03	192.85 13.95 0.00	305.44 16.00 -81.66	203.30 14.88 -0.02	193.76 14.19 0.00	174.00 13.60 -5.91	159.42 11.51 -2.24	154.72 8.89 -0.03	144.55 6.36 -0.03
YORK___WARBASSE 23770	142.03 8.42 -0.01	136.17 7.95 -0.01	133.62 7.68 -0.01	133.62 7.44 -0.01	132.97 7.29 -0.01	141.23 7.87 -0.01	170.25 9.94 -7.30	212.37 12.70 -1.27	184.73 11.50 -1.63	161.62 9.86 -0.01	161.47 10.28 -0.01	154.69 9.71 -0.12	152.10 9.95 -0.01	153.03 10.01 -0.01	155.91 9.93 -0.01	163.86 11.28 -0.14	192.58 12.52 -1.17	221.92 14.13 -0.01	201.59 13.19 -0.01	192.85 12.75 -0.53	166.51 11.90 -0.11	155.00 9.32 -0.01	154.56 8.75 -0.01	145.77 7.60 -0.01