

ALBANY___2 23572	91.76 1.24 -21.47	76.53 1.54 -7.86	68.17 1.34 0.00	67.84 1.20 0.00	66.66 1.18 0.00	68.31 1.40 0.00	68.24 1.34 0.00	61.51 1.40 6.80	37.45 1.61 31.34	43.99 1.79 29.24	82.03 2.08 3.34	90.64 2.73 9.45	104.19 2.99 9.37	103.20 3.33 19.07	67.46 2.95 58.28	15.43 3.16 125.25	54.41 4.25 126.98	170.63 4.55 40.54	181.65 3.98 11.95	161.94 2.57 -16.41	161.61 2.33 -48.20	128.67 1.74 -43.84	130.79 1.80 -47.11	100.07 1.62 -31.07
ALBANY___3 23573	91.76 1.24 -21.47	76.53 1.54 -7.86	68.17 1.34 0.00	67.84 1.20 0.00	66.66 1.18 0.00	68.31 1.40 0.00	68.24 1.34 0.00	61.51 1.40 6.80	37.45 1.61 31.34	43.99 1.79 29.24	82.03 2.08 3.34	90.64 2.73 9.45	104.19 2.99 9.37	103.20 3.33 19.07	67.46 2.95 58.28	15.43 3.16 125.25	54.41 4.25 126.98	170.63 4.55 40.54	181.65 3.98 11.95	161.94 2.57 -16.41	161.61 2.33 -48.20	128.67 1.74 -43.84	130.79 1.80 -47.11	100.07 1.62 -31.07
ALBANY___4 23574	91.76 1.24 -21.47	76.53 1.54 -7.86	68.17 1.34 0.00	67.84 1.20 0.00	66.66 1.18 0.00	68.31 1.40 0.00	68.24 1.34 0.00	61.51 1.40 6.80	37.45 1.61 31.34	43.99 1.79 29.24	82.03 2.08 3.34	90.64 2.73 9.45	104.19 2.99 9.37	103.20 3.33 19.07	67.46 2.95 58.28	15.43 3.16 125.25	54.41 4.25 126.98	170.63 4.55 40.54	181.65 3.98 11.95	161.94 2.57 -16.41	161.61 2.33 -48.20	128.67 1.74 -43.84	130.79 1.80 -47.11	100.07 1.62 -31.07
ALBANY___LFGE 323615	119.44 2.21 -48.19	92.11 2.35 -22.64	68.97 2.14 0.00	68.63 2.00 0.00	67.38 1.90 0.00	69.04 2.14 0.00	69.04 2.14 0.00	70.54 2.20 -1.44	76.29 2.49 -6.63	80.34 2.71 -6.18	87.16 3.16 -0.71	103.26 3.90 -2.00	116.98 4.43 -1.98	127.96 4.99 -4.03	132.93 4.78 -5.35	155.42 5.36 -12.54	197.26 6.90 -13.22	319.10 7.85 -104.62	329.91 7.02 -133.28	315.83 4.71 -168.15	277.36 3.99 -162.28	194.60 2.99 -108.53	155.37 2.94 -70.54	112.13 2.49 -42.25
ALCOA_PA_115KV_PL-6C 55860	68.98 -0.07 0.00	67.19 0.07 0.00	67.24 0.40 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.17 0.27 0.00	67.17 0.27 0.00	66.97 0.07 0.00	66.77 -0.40 0.00	70.65 -0.79 0.00	82.29 -1.00 0.00	95.51 -1.85 0.00	108.25 -2.32 0.00	116.32 -2.62 0.00	119.85 -2.95 0.00	134.22 -3.30 0.00	173.06 -4.07 0.00	201.87 -4.75 0.00	185.44 -4.17 0.00	139.82 -3.15 0.00	107.75 -3.33 0.00	80.76 -2.33 0.00	80.49 -1.39 0.00	66.85 -0.54 0.00
ALCOA_RYNLDS___DRP 24188	68.98 -0.07 0.00	67.19 0.07 0.00	67.24 0.40 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.17 0.27 0.00	67.17 0.27 0.00	66.97 0.07 0.00	66.77 -0.40 0.00	70.65 -0.79 0.00	82.29 -1.00 0.00	95.51 -1.85 0.00	108.25 -2.32 0.00	116.32 -2.62 0.00	119.85 -2.95 0.00	134.22 -3.30 0.00	173.06 -4.07 0.00	201.87 -4.75 0.00	185.44 -4.17 0.00	139.82 -3.15 0.00	107.75 -3.33 0.00	80.76 -2.33 0.00	80.49 -1.39 0.00	66.85 -0.54 0.00
ALCOA___DSASP 323711	68.98 -0.07 0.00	67.19 0.07 0.00	67.24 0.40 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.17 0.27 0.00	67.17 0.27 0.00	66.97 0.07 0.00	66.78 -0.40 0.00	70.66 -0.78 0.00	82.38 -0.91 0.00	95.51 -1.85 0.00	108.25 -2.33 0.00	116.32 -2.62 0.00	119.85 -2.95 0.00	134.22 -3.30 0.00	172.88 -4.25 0.00	201.88 -4.74 0.00	185.44 -4.17 0.00	139.82 -3.15 0.00	107.75 -3.33 0.00	80.76 -2.33 0.00	80.41 -1.47 0.00	66.84 -0.54 0.00
ALLEGHENY___COGEN 23514	70.56 1.52 0.00	66.65 -0.47 0.00	65.43 -1.41 0.00	64.64 -2.00 0.00	63.65 -1.83 0.00	65.49 -1.41 0.00	64.96 -1.94 0.00	64.56 -2.34 0.00	64.42 -2.76 0.00	68.15 -3.29 0.00	74.23 -9.25 -0.19	85.72 -11.69 -0.05	126.76 -14.05 -30.23	135.10 -16.06 -32.22	129.64 -16.08 -22.92	171.76 -18.01 -52.24	261.98 -22.67 -107.52	313.29 -23.96 -130.63	260.91 -19.91 -91.21	133.10 -9.86 0.00	106.86 -4.22 0.00	83.77 -2.24 -2.92	79.04 -3.60 -0.76	68.95 -0.94 -2.51
ALTAMONT_115KV_TB 2 55880	91.96 1.73 -21.18	77.67 1.88 -8.67	68.57 1.74 0.00	68.30 1.67 0.00	67.05 1.57 0.00	68.71 1.81 0.00	68.64 1.74 0.00	64.98 1.74 3.66	52.20 1.88 16.86	57.78 2.07 15.73	83.91 2.42 1.80	95.39 3.12 5.08	109.18 3.65 5.04	112.73 4.04 10.26	95.17 3.93 31.56	74.37 4.26 67.42	114.66 5.67 68.15	214.47 6.41 -1.45	215.62 5.88 -20.13	189.31 4.15 -42.20	173.67 3.78 -58.81	134.95 2.82 -49.03	125.29 2.54 -40.87	97.82 2.09 -28.35
ALTONA_WT_PWR 323606	69.05 0.00 0.00	67.25 0.13 0.00	67.24 0.40 0.00	67.23 0.60 0.00	66.07 0.59 0.00	67.37 0.47 0.00	67.57 0.67 0.00	67.50 0.60 0.00	67.38 0.20 0.00	70.80 -0.64 0.00	82.21 -1.09 0.00	95.22 -2.14 0.00	108.04 -2.54 0.00	115.85 -3.09 0.00	118.99 -3.81 0.00	132.99 -4.53 0.00	171.11 -6.02 0.00	199.60 -7.03 0.00	182.97 -6.64 0.00	137.68 -5.29 0.00	105.86 -5.22 0.00	79.60 -3.49 0.00	79.50 -2.38 0.00	66.04 -1.35 0.00
AMERICAN_REF_FUEL 24010	67.11 -1.93 0.00	62.96 -4.16 0.00	61.09 -5.75 0.00	60.37 -6.27 0.00	60.11 -5.37 0.00	61.68 -5.22 0.00	60.21 -6.69 0.00	59.61 -7.29 0.00	60.66 -6.51 0.00	65.08 -6.36 0.00	75.00 -8.25 0.04	87.22 -10.13 0.01	91.94 -11.50 7.13	98.99 -12.37 7.58	105.36 -12.03 5.41	112.39 -12.79 12.35	134.59 -17.88 24.66	158.48 -19.21 28.94	148.35 -18.78 22.49	129.24 -13.72 0.00	102.53 -8.55 0.00	80.69 -4.98 -2.58	76.00 -6.55 -0.67	63.54 -6.06 -2.22
ARKWRIGHT___SUMMIT_WT_PWR 323751	68.77 -0.28 0.00	64.24 -2.88 0.00	62.83 -4.01 0.00	62.24 -4.40 0.00	61.23 -4.26 0.00	62.89 -4.01 0.00	62.75 -4.15 0.00	62.35 -4.55 0.00	63.28 -3.90 0.00	67.72 -3.72 0.00	77.67 -5.58 0.04	91.02 -6.33 0.01	99.01 -5.64 5.93	106.45 -6.19 6.30	112.52 -5.77 4.50	121.33 -5.64 10.54	147.76 -8.50 20.88	173.95 -8.88 23.80	161.40 -9.10 19.12	135.24 -7.72 0.00	107.97 -3.11 0.00	85.47 -0.58 -2.96	80.03 -2.62 -0.77	66.76 -3.17 -2.54
ARTHUR KILL_GT_1 23520	58.92 2.83 12.96	56.87 3.15 13.40	56.81 2.81 12.84	55.86 2.13 12.91	56.74 2.03 10.77	55.86 2.48 13.52	56.74 2.74 12.91	57.13 3.28 13.05	59.19 3.90 11.88	59.65 4.36 16.15	69.97 5.50 18.82	86.45 7.59 18.50	101.55 9.29 18.32	100.92 10.70 28.72	114.38 10.81 19.22	139.68 12.38 10.22	181.73 15.94 11.34	214.52 18.18 10.29	214.54 16.31 -8.62	162.35 11.72 -7.66	126.06 9.44 -5.53	92.74 6.73 -2.93	83.13 6.06 4.81	61.82 3.77 9.34
ARTHUR_KILL_2 23512	58.64 2.56 12.96	56.60 2.88 13.40	56.54 2.54 12.84	55.59 1.86 12.91	56.48 1.77 10.77	55.59 2.20 13.52	56.47 2.48 12.91	56.86 3.01 13.05	58.86 3.56 11.88	59.36 4.07 16.15	69.55 5.08 18.82	85.96 7.10 18.50	100.99 8.73 18.32	100.32 10.10 28.72	113.64 10.07 19.22	138.85 11.55 10.23	180.84 15.05 11.34	213.47 17.14 10.29	213.41 15.17 -8.62	161.48 10.86 -7.66	125.39 8.77 -5.53	92.25 6.23 -2.93	82.64 5.57 4.81	61.48 3.43 9.34
ARTHUR_KILL_3 23513	58.91 2.83 12.97	56.93 3.22 13.41	56.93 2.94 12.84	56.05 2.33 12.92	56.93 2.23 10.78	56.06 2.68 13.53	56.93 2.94 12.91	57.32 3.48 13.06	59.32 4.03 11.89	59.71 4.43 16.16	69.96 5.50 18.83	86.64 7.79 18.51	101.54 9.29 18.32	100.79 10.58 28.73	114.62 11.06 19.23	139.83 12.51 10.21	182.30 16.48 11.31	215.18 18.80 10.24	214.81 16.49 -8.70	162.48 11.86 -7.66	125.94 9.33 -5.52	92.57 6.56 -2.92	82.96 5.90 4.82	61.74 3.70 9.35

ARTHUR_KILL_COGEN 323718	58.92 2.83 12.96	56.87 3.16 13.40	56.81 2.81 12.84	55.86 2.13 12.91	56.74 2.03 10.77	55.86 2.48 13.52	56.74 2.74 12.91	57.13 3.28 13.05	59.19 3.89 11.88	59.65 4.36 16.15	69.88 5.41 18.82	86.46 7.60 18.50	101.55 9.29 18.32	100.93 10.71 28.72	114.25 10.68 19.22	139.53 12.24 10.23	181.91 16.12 11.34	214.72 18.38 10.29	214.54 16.31 -8.62	162.48 11.86 -7.66	126.05 9.44 -5.53	92.74 6.73 -2.93	83.13 6.06 4.81	61.81 3.77 9.34
ASHOKAN____ 23654	79.59 0.69 -9.85	74.16 4.03 -3.02	70.11 3.27 0.00	69.37 2.73 0.00	68.03 2.55 0.00	69.65 2.74 0.00	69.38 2.48 0.00	66.35 4.55 5.11	48.40 4.77 23.55	54.62 5.15 21.97	86.69 5.91 2.51	97.28 7.01 7.10	112.16 8.63 7.04	114.85 10.23 14.32	92.66 11.17 41.31	60.84 12.79 89.47	103.99 17.88 91.03	193.14 22.12 35.60	186.65 20.48 23.45	152.10 14.29 5.15	140.15 11.34 -17.74	115.68 8.39 -24.21	111.61 2.86 -26.87	90.29 1.82 -21.08
ASTORIA_EAST_ENERGY_CC1 323581	79.37 2.90 -7.42	73.95 3.29 -3.54	69.99 3.14 -0.01	69.22 2.60 0.01	67.91 2.42 -0.01	69.84 2.94 0.01	69.97 3.08 0.01	70.90 3.61 -0.39	73.03 4.10 -1.76	77.53 4.43 -1.66	88.90 5.41 -0.20	105.50 7.60 -0.54	120.28 9.17 -0.54	130.49 10.47 -1.08	139.55 10.81 -5.94	183.94 12.24 -34.18	238.18 16.12 -44.92	300.85 18.19 -76.04	305.77 15.93 -100.22	190.96 11.57 -36.42	150.97 9.55 -30.33	118.02 6.49 -28.45	100.62 5.90 -12.84	85.08 3.77 -13.92
ASTORIA_EAST_ENERGY_CC2 323582	79.37 2.90 -7.42	73.95 3.29 -3.54	69.99 3.14 -0.01	69.22 2.60 0.01	67.91 2.42 -0.01	69.84 2.94 0.01	69.97 3.08 0.01	70.90 3.61 -0.39	73.03 4.10 -1.76	77.53 4.43 -1.66	88.90 5.41 -0.20	105.50 7.60 -0.54	120.28 9.17 -0.54	130.49 10.47 -1.08	139.55 10.81 -5.94	183.94 12.24 -34.18	238.18 16.12 -44.92	300.85 18.19 -76.04	305.77 15.93 -100.22	190.96 11.57 -36.42	150.97 9.55 -30.33	118.02 6.49 -28.45	100.62 5.90 -12.84	85.08 3.77 -13.92
ASTORIA_GT2_1 24094	79.37 2.90 -7.42	74.02 3.36 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	89.07 5.58 -0.20	105.50 7.59 -0.54	120.40 9.29 -0.54	130.61 10.59 -1.08	139.67 10.93 -5.94	184.08 12.38 -34.18	238.18 16.12 -44.92	301.05 18.39 -76.04	305.95 16.12 -100.22	190.96 11.58 -36.42	150.97 9.55 -30.33	118.02 6.48 -28.45	100.70 5.98 -12.84	85.08 3.77 -13.92
ASTORIA_GT2_2 24095	79.37 2.90 -7.42	74.02 3.36 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	89.07 5.58 -0.20	105.50 7.59 -0.54	120.40 9.29 -0.54	130.61 10.59 -1.08	139.67 10.93 -5.94	184.08 12.38 -34.18	238.18 16.12 -44.92	301.05 18.39 -76.04	305.95 16.12 -100.22	190.96 11.58 -36.42	150.97 9.55 -30.33	118.02 6.48 -28.45	100.70 5.98 -12.84	85.08 3.77 -13.92
ASTORIA_GT2_3 24096	79.37 2.90 -7.42	74.02 3.36 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	89.07 5.58 -0.20	105.50 7.59 -0.54	120.40 9.29 -0.54	130.61 10.59 -1.08	139.67 10.93 -5.94	184.08 12.38 -34.18	238.18 16.12 -44.92	301.05 18.39 -76.04	305.95 16.12 -100.22	190.96 11.58 -36.42	150.97 9.55 -30.33	118.02 6.48 -28.45	100.70 5.98 -12.84	85.08 3.77 -13.92
ASTORIA_GT2_4 24097	79.37 2.90 -7.42	74.02 3.36 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	89.07 5.58 -0.20	105.50 7.59 -0.54	120.40 9.29 -0.54	130.61 10.59 -1.08	139.67 10.93 -5.94	184.08 12.38 -34.18	238.18 16.12 -44.92	301.05 18.39 -76.04	305.95 16.12 -100.22	190.96 11.58 -36.42	150.97 9.55 -30.33	118.02 6.48 -28.45	100.70 5.98 -12.84	85.08 3.77 -13.92
ASTORIA_GT3_1 24098	79.37 2.90 -7.42	74.02 3.36 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	89.07 5.58 -0.20	105.50 7.59 -0.54	120.40 9.29 -0.54	130.61 10.59 -1.08	139.67 10.93 -5.94	184.08 12.38 -34.18	238.18 16.12 -44.92	301.05 18.39 -76.04	305.95 16.12 -100.22	190.96 11.58 -36.42	150.97 9.55 -30.33	118.02 6.48 -28.45	100.70 5.98 -12.84	85.08 3.77 -13.92
ASTORIA_GT3_2 24099	79.37 2.90 -7.42	74.02 3.36 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	89.07 5.58 -0.20	105.50 7.59 -0.54	120.40 9.29 -0.54	130.61 10.59 -1.08	139.67 10.93 -5.94	184.08 12.38 -34.18	238.18 16.12 -44.92	301.05 18.39 -76.04	305.95 16.12 -100.22	190.96 11.58 -36.42	150.97 9.55 -30.33	118.02 6.48 -28.45	100.70 5.98 -12.84	85.08 3.77 -13.92
ASTORIA_GT3_3 24100	79.37 2.90 -7.42	74.02 3.36 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	89.07 5.58 -0.20	105.50 7.59 -0.54	120.40 9.29 -0.54	130.61 10.59 -1.08	139.67 10.93 -5.94	184.08 12.38 -34.18	238.18 16.12 -44.92	301.05 18.39 -76.04	305.95 16.12 -100.22	190.96 11.58 -36.42	150.97 9.55 -30.33	118.02 6.48 -28.45	100.70 5.98 -12.84	85.08 3.77 -13.92
ASTORIA_GT3_4 24101	79.37 2.90 -7.42	74.02 3.36 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	89.07 5.58 -0.20	105.50 7.59 -0.54	120.40 9.29 -0.54	130.61 10.59 -1.08	139.67 10.93 -5.94	184.08 12.38 -34.18	238.18 16.12 -44.92	301.05 18.39 -76.04	305.95 16.12 -100.22	190.96 11.58 -36.42	150.97 9.55 -30.33	118.02 6.48 -28.45	100.70 5.98 -12.84	85.08 3.77 -13.92
ASTORIA_GT4_1 24102	79.37 2.90 -7.42	74.02 3.36 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	89.07 5.58 -0.20	105.50 7.59 -0.54	120.40 9.29 -0.54	130.61 10.59 -1.08	139.67 10.93 -5.94	184.08 12.38 -34.18	238.18 16.12 -44.92	301.05 18.39 -76.04	305.95 16.12 -100.22	190.96 11.58 -36.42	150.97 9.55 -30.33	118.02 6.48 -28.45	100.70 5.98 -12.84	85.08 3.77 -13.92
ASTORIA_GT4_2 24103	79.37 2.90 -7.42	74.02 3.36 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	89.07 5.58 -0.20	105.50 7.59 -0.54	120.40 9.29 -0.54	130.61 10.59 -1.08	139.67 10.93 -5.94	184.08 12.38 -34.18	238.18 16.12 -44.92	301.05 18.39 -76.04	305.95 16.12 -100.22	190.96 11.58 -36.42	150.97 9.55 -30.33	118.02 6.48 -28.45	100.70 5.98 -12.84	85.08 3.77 -13.92
ASTORIA_GT4_3 24104	79.37 2.90 -7.42	74.02 3.36 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	89.07 5.58 -0.20	105.50 7.59 -0.54	120.40 9.29 -0.54	130.61 10.59 -1.08	139.67 10.93 -5.94	184.08 12.38 -34.18	238.18 16.12 -44.92	301.05 18.39 -76.04	305.95 16.12 -100.22	190.96 11.58 -36.42	150.97 9.55 -30.33	118.02 6.48 -28.45	100.70 5.98 -12.84	85.08 3.77 -13.92

ASTORIA_GT4_4 24105	79.37 2.90 -7.42	74.02 3.36 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	89.07 5.58 -0.20	105.50 7.59 -0.54	120.40 9.29 -0.54	130.61 10.59 -1.08	139.67 10.93 -5.94	184.08 12.38 -34.18	238.18 16.12 -44.92	301.05 18.39 -76.04	305.95 16.12 -100.22	190.96 11.58 -36.42	150.97 9.55 -30.33	118.02 6.48 -28.45	100.70 5.98 -12.84	85.08 3.77 -13.92
ASTORIA_GT_1 23523	79.57 3.11 -7.42	74.15 3.49 -3.54	70.19 3.34 -0.01	69.43 2.80 0.01	68.11 2.62 -0.01	69.97 3.08 0.01	70.17 3.28 0.01	71.11 3.81 -0.39	73.24 4.30 -1.76	77.81 4.72 -1.66	89.32 5.83 -0.20	105.88 7.98 -0.54	120.73 9.62 -0.54	130.97 10.94 -1.08	140.04 11.30 -5.94	184.49 12.79 -34.18	238.89 16.83 -44.92	301.88 19.22 -76.04	306.52 16.69 -100.22	191.53 12.15 -36.42	151.41 10.00 -30.33	118.35 6.81 -28.45	100.94 6.22 -12.84	85.28 3.98 -13.92
ASTORIA_GT_10 24110	69.85 2.90 2.10	66.60 3.29 3.80	66.53 2.94 3.25	64.79 2.40 4.24	65.43 2.29 2.34	66.59 2.74 3.05	67.93 2.94 1.92	70.82 3.55 -0.38	72.97 4.03 -1.76	77.51 4.43 -1.64	89.05 5.58 -0.18	105.58 7.69 -0.53	120.38 9.29 -0.52	130.60 10.59 -1.08	139.65 10.93 -5.93	184.07 12.38 -34.17	238.34 16.30 -44.91	301.25 18.60 -76.03	254.83 16.31 -48.91	191.09 11.72 -36.40	150.73 9.33 -30.32	118.00 6.48 -28.43	94.74 5.90 -6.97	72.74 3.71 -1.65
ASTORIA_GT_11 24225	69.85 2.90 2.10	66.60 3.29 3.80	66.53 2.94 3.25	64.79 2.40 4.24	65.43 2.29 2.34	66.59 2.74 3.05	67.93 2.94 1.92	70.82 3.55 -0.38	72.97 4.03 -1.76	77.51 4.43 -1.64	89.05 5.58 -0.18	105.58 7.69 -0.53	120.38 9.29 -0.52	130.60 10.59 -1.08	139.65 10.93 -5.93	184.07 12.38 -34.17	238.34 16.30 -44.91	301.25 18.60 -76.03	254.83 16.31 -48.91	191.09 11.72 -36.40	150.73 9.33 -30.32	118.00 6.48 -28.43	94.74 5.90 -6.97	72.74 3.71 -1.65
ASTORIA_GT_12 24226	69.85 2.90 2.10	66.60 3.29 3.80	66.53 2.94 3.25	64.79 2.40 4.24	65.43 2.29 2.34	66.59 2.74 3.05	67.93 2.94 1.92	70.82 3.55 -0.38	72.97 4.03 -1.76	77.51 4.43 -1.64	89.05 5.58 -0.18	105.58 7.69 -0.53	120.38 9.29 -0.52	130.60 10.59 -1.08	139.65 10.93 -5.93	184.07 12.38 -34.17	238.34 16.30 -44.91	301.25 18.60 -76.03	254.83 16.31 -48.91	191.09 11.72 -36.40	150.73 9.33 -30.32	118.00 6.48 -28.43	94.74 5.90 -6.97	72.74 3.71 -1.65
ASTORIA_GT_13 24227	69.85 2.90 2.10	66.60 3.29 3.80	66.53 2.94 3.25	64.79 2.40 4.24	65.43 2.29 2.34	66.59 2.74 3.05	67.93 2.94 1.92	70.82 3.55 -0.38	72.97 4.03 -1.76	77.51 4.43 -1.64	89.05 5.58 -0.18	105.58 7.69 -0.53	120.38 9.29 -0.52	130.60 10.59 -1.08	139.65 10.93 -5.93	184.07 12.38 -34.17	238.34 16.30 -44.91	301.25 18.60 -76.03	254.83 16.31 -48.91	191.09 11.72 -36.40	150.73 9.33 -30.32	118.00 6.48 -28.43	94.74 5.90 -6.97	72.74 3.71 -1.65
ASTORIA_GT_5 24106	79.57 3.11 -7.42	74.15 3.49 -3.54	70.19 3.34 -0.01	69.43 2.80 0.01	68.11 2.62 -0.01	69.97 3.08 0.01	70.17 3.28 0.01	71.11 3.81 -0.39	73.24 4.30 -1.76	77.81 4.72 -1.66	89.32 5.83 -0.20	105.88 7.98 -0.54	120.73 9.62 -0.54	130.97 10.94 -1.08	140.04 11.30 -5.94	184.49 12.79 -34.18	238.89 16.83 -44.92	301.88 19.22 -76.04	306.52 16.69 -100.22	191.53 12.15 -36.42	151.41 10.00 -30.33	118.35 6.81 -28.45	100.94 6.22 -12.84	85.28 3.98 -13.92
ASTORIA_GT_7 24107	79.57 3.11 -7.42	74.15 3.49 -3.54	70.19 3.34 -0.01	69.43 2.80 0.01	68.11 2.62 -0.01	69.97 3.08 0.01	70.17 3.28 0.01	71.11 3.81 -0.39	73.24 4.30 -1.76	77.81 4.72 -1.66	89.32 5.83 -0.20	105.88 7.98 -0.54	120.73 9.62 -0.54	130.97 10.94 -1.08	140.04 11.30 -5.94	184.49 12.79 -34.18	238.89 16.83 -44.92	301.88 19.22 -76.04	306.52 16.69 -100.22	191.53 12.15 -36.42	151.41 10.00 -30.33	118.35 6.81 -28.45	100.94 6.22 -12.84	85.28 3.98 -13.92
ASTORIA_GT_8 24108	79.57 3.11 -7.42	74.15 3.49 -3.54	70.19 3.34 -0.01	69.43 2.80 0.01	68.11 2.62 -0.01	69.97 3.08 0.01	70.17 3.28 0.01	71.11 3.81 -0.39	73.24 4.30 -1.76	77.81 4.72 -1.66	89.32 5.83 -0.20	105.88 7.98 -0.54	120.73 9.62 -0.54	130.97 10.94 -1.08	140.04 11.30 -5.94	184.49 12.79 -34.18	238.89 16.83 -44.92	301.88 19.22 -76.04	306.52 16.69 -100.22	191.53 12.15 -36.42	151.41 10.00 -30.33	118.35 6.81 -28.45	100.94 6.22 -12.84	85.28 3.98 -13.92
ASTORIA___2 24149	79.37 2.90 -7.42	74.01 3.35 -3.54	69.99 3.14 -0.01	69.22 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.15 0.01	70.97 3.68 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	88.98 5.50 -0.20	105.50 7.60 -0.54	120.40 9.29 -0.54	130.61 10.58 -1.08	139.66 10.93 -5.94	184.09 12.38 -34.18	238.18 16.12 -44.92	301.05 18.38 -76.04	305.94 16.11 -100.22	191.11 11.73 -36.42	150.97 9.55 -30.33	118.10 6.56 -28.45	100.62 5.90 -12.84	85.08 3.77 -13.92
ASTORIA___3 23516	69.85 2.90 2.10	66.60 3.29 3.80	66.52 2.94 3.25	64.79 2.40 4.24	65.43 2.29 2.34	66.59 2.74 3.05	67.92 2.94 1.92	70.82 3.54 -0.38	72.97 4.03 -1.76	77.51 4.43 -1.64	88.97 5.50 -0.18	105.58 7.69 -0.53	120.39 9.29 -0.52	130.60 10.58 -1.08	139.65 10.93 -5.93	184.20 12.51 -34.17	238.52 16.48 -44.91	301.45 18.80 -76.03	254.83 16.31 -48.91	191.23 11.86 -36.40	150.73 9.33 -30.32	118.08 6.56 -28.43	94.75 5.90 -6.97	72.81 3.77 -1.65
ASTORIA___4 23517	69.85 2.90 2.10	66.60 3.29 3.80	66.53 2.94 3.25	64.79 2.40 4.24	65.43 2.29 2.34	66.59 2.74 3.05	67.93 2.94 1.92	70.82 3.55 -0.38	72.97 4.03 -1.76	77.51 4.43 -1.64	89.05 5.58 -0.18	105.58 7.69 -0.53	120.38 9.29 -0.52	130.60 10.59 -1.08	139.65 10.93 -5.93	184.07 12.38 -34.17	238.34 16.30 -44.91	301.25 18.60 -76.03	254.83 16.31 -48.91	191.09 11.72 -36.40	150.73 9.33 -30.32	118.00 6.48 -28.43	94.74 5.90 -6.97	72.74 3.71 -1.65
ASTORIA___5 23518	69.85 2.90 2.10	66.60 3.29 3.80	66.52 2.94 3.25	64.79 2.40 4.24	65.43 2.29 2.34	66.59 2.74 3.05	67.92 2.94 1.92	70.82 3.54 -0.38	72.97 4.03 -1.76	77.51 4.43 -1.64	88.97 5.50 -0.18	105.58 7.69 -0.53	120.39 9.29 -0.52	130.60 10.58 -1.08	139.65 10.93 -5.93	184.20 12.51 -34.17	238.52 16.48 -44.91	301.45 18.80 -76.03	254.83 16.31 -48.91	191.23 11.86 -36.40	150.73 9.33 -30.32	118.08 6.56 -28.43	94.75 5.90 -6.97	72.81 3.77 -1.65
AST_ENERGY_2_CC3 323677	42.98 3.25 29.31	42.98 3.55 27.69	42.98 3.27 27.13	42.98 2.67 26.32	42.98 2.55 25.05	42.98 3.01 26.94	42.98 3.21 27.13	42.98 3.81 27.73	43.00 4.30 28.48	43.50 4.79 32.73	55.16 5.91 34.04	71.57 8.18 33.97	86.60 9.84 33.81	90.73 11.18 39.38	96.45 11.67 38.02	124.46 13.34 26.40	166.45 17.54 28.23	199.08 20.04 27.57	203.83 17.64 3.42	151.50 12.72 4.18	111.00 10.00 10.09	81.51 6.98 8.56	68.25 6.31 19.94	47.09 4.04 24.34
AST_ENERGY_2_CC4 323678	42.98 3.25 29.31	42.98 3.55 27.69	42.98 3.27 27.13	42.98 2.67 26.32	42.98 2.55 25.05	42.98 3.01 26.94	42.98 3.21 27.13	42.98 3.81 27.73	43.00 4.30 28.48	43.50 4.79 32.73	55.16 5.91 34.04	71.57 8.18 33.97	86.60 9.84 33.81	90.73 11.18 39.38	96.45 11.67 38.02	124.46 13.34 26.40	166.45 17.54 28.23	199.08 20.04 27.57	203.83 17.64 3.42	151.50 12.72 4.18	111.00 10.00 10.09	81.51 6.98 8.56	68.25 6.31 19.94	47.09 4.04 24.34

ATHENS_STG_1 23668	76.19 2.00 -5.14	71.70 2.21 -2.37	68.91 2.07 0.00	68.63 2.00 0.00	67.38 1.90 0.00	69.11 2.20 0.00	69.04 2.14 0.00	69.04 2.14 0.00	69.46 2.29 0.00	74.01 2.57 0.00	86.45 3.16 0.00	101.54 4.18 0.00	115.56 4.98 0.00	124.53 5.59 0.00	128.45 5.65 0.00	144.84 6.04 -1.27	187.02 7.98 -1.90	238.88 8.88 -23.38	215.69 8.15 -17.92	166.81 5.72 -18.12	133.77 5.00 -17.69	109.08 3.65 -22.34	95.87 3.44 -10.55	83.81 2.76 -13.66
ATHENS_STG_2 23670	76.19 2.00 -5.14	71.70 2.21 -2.37	68.91 2.07 0.00	68.63 2.00 0.00	67.38 1.90 0.00	69.11 2.20 0.00	69.04 2.14 0.00	69.04 2.14 0.00	69.46 2.29 0.00	74.01 2.57 0.00	86.45 3.16 0.00	101.54 4.18 0.00	115.56 4.98 0.00	124.53 5.59 0.00	128.45 5.65 0.00	144.84 6.04 -1.27	187.02 7.98 -1.90	238.88 8.88 -23.38	215.69 8.15 -17.92	166.81 5.72 -18.12	133.77 5.00 -17.69	109.08 3.65 -22.34	95.87 3.44 -10.55	83.81 2.76 -13.66
ATHENS_STG_3 23677	76.19 2.00 -5.14	71.70 2.21 -2.37	68.91 2.07 0.00	68.63 2.00 0.00	67.38 1.90 0.00	69.11 2.20 0.00	69.04 2.14 0.00	69.04 2.14 0.00	69.46 2.29 0.00	74.01 2.57 0.00	86.45 3.16 0.00	101.54 4.18 0.00	115.56 4.98 0.00	124.53 5.59 0.00	128.45 5.65 0.00	144.84 6.04 -1.27	187.02 7.98 -1.90	238.88 8.88 -23.38	215.69 8.15 -17.92	166.81 5.72 -18.12	133.77 5.00 -17.69	109.08 3.65 -22.34	95.87 3.44 -10.55	83.81 2.76 -13.66
AUBURN____LFGE 323710	69.74 0.69 0.00	67.12 0.00 0.00	66.44 -0.40 0.00	66.04 -0.60 0.00	64.96 -0.52 0.00	66.64 -0.27 0.00	66.70 -0.20 0.00	66.90 0.00 0.00	67.44 0.27 0.00	71.94 0.50 0.00	83.96 0.67 0.00	97.85 0.49 0.00	111.02 0.44 0.00	119.30 0.36 0.00	123.41 0.61 0.00	138.62 1.10 0.00	180.50 1.42 -1.95	212.46 2.27 -3.56	192.69 2.46 -0.61	145.11 2.14 0.00	113.41 2.33 0.00	87.44 2.24 -2.10	83.58 1.15 -0.55	69.46 0.27 -1.81
BABYLON_RES_REC 323704	128.07 5.94 -53.09	98.36 6.04 -25.20	72.52 5.68 -0.01	71.71 5.06 -0.01	70.33 4.85 -0.01	72.33 5.42 -0.01	72.59 5.68 -0.01	93.06 6.15 -20.01	105.04 6.65 -31.21	146.44 7.14 -67.86	130.28 7.41 -39.58	134.06 9.55 -27.15	138.08 11.06 -16.45	169.05 11.78 -38.33	197.35 12.16 -62.39	227.52 13.75 -76.25	282.30 18.25 -86.92	319.19 21.49 -91.08	334.93 19.14 -126.17	244.23 13.73 -87.55	163.08 11.00 -41.00	153.60 8.31 -62.20	131.55 8.19 -41.48	126.41 6.53 -52.49
BALL_HILL_WT_PWR 323825	68.42 -0.62 0.00	64.24 -2.88 0.00	62.89 -3.94 0.00	62.17 -4.46 0.00	61.23 -4.26 0.00	62.96 -3.95 0.00	62.42 -4.48 0.00	61.95 -4.95 0.00	62.95 -4.23 0.00	67.51 -3.93 0.00	77.57 -5.67 0.06	90.44 -6.91 0.01	95.54 -6.52 8.51	102.89 -7.02 9.03	109.83 -6.51 6.45	116.57 -6.46 14.49	138.95 -9.57 28.62	163.65 -9.29 33.68	153.85 -9.66 26.10	134.67 -8.30 0.00	107.09 -3.99 0.00	84.37 -1.58 -2.86	79.11 -3.52 -0.75	66.01 -3.84 -2.46
BARON_WINDS____WT_PWR 323822	70.63 -0.28 -1.86	66.03 -1.95 -0.86	64.09 -2.74 0.00	63.57 -3.06 0.00	62.60 -2.88 0.00	64.29 -2.61 0.00	64.10 -2.81 0.00	63.76 -3.14 0.00	64.29 -2.89 0.00	68.58 -2.86 0.00	78.47 -4.50 0.32	91.54 -5.74 0.07	55.53 -5.53 49.52	59.88 -6.31 52.75	79.23 -6.01 37.56	45.59 -6.32 85.61	-6.00 -8.15 174.99	-6.00 -8.48 204.14	36.85 -7.78 144.99	143.32 -6.14 -6.50	114.92 -2.55 -6.39	88.56 -0.67 -6.14	83.06 -2.13 -3.31	68.10 -2.56 -3.27
BARRETT_IC_1 23704	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	127.84 5.29 -51.11	129.02 6.16 -39.57	131.26 8.27 -25.63	134.65 9.84 -14.24	164.95 11.06 -34.95	237.97 11.42 -103.75	227.48 12.79 -77.16	273.39 16.84 -79.42	307.02 19.64 -80.76	322.24 17.43 -115.19	236.77 12.43 -81.38	152.00 10.21 -30.70	138.98 7.23 -48.67	130.09 7.21 -41.00	124.73 4.85 -52.49
BARRETT_IC_10 23701	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	110.49 5.29 -33.76	129.02 6.16 -39.57	95.76 8.27 9.87	92.49 9.84 27.92	60.50 11.06 69.50	60.50 11.42 73.72	61.00 12.79 89.31	98.07 16.84 95.90	92.49 19.64 133.77	92.49 17.43 114.56	92.49 12.43 62.90	152.00 10.21 -30.70	60.50 7.23 29.81	130.09 7.21 -41.00	124.73 4.85 -52.49
BARRETT_IC_11 23702	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	110.49 5.29 -33.76	129.02 6.16 -39.57	95.76 8.27 9.87	92.49 9.84 27.92	60.50 11.06 69.50	60.50 11.42 73.72	61.00 12.79 89.31	98.07 16.84 95.90	92.49 19.64 133.77	92.49 17.43 114.56	92.49 12.43 62.90	152.00 10.21 -30.70	60.50 7.23 29.81	130.09 7.21 -41.00	124.73 4.85 -52.49
BARRETT_IC_12 23703	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	110.49 5.29 -33.76	129.02 6.16 -39.57	95.76 8.27 9.87	92.49 9.84 27.92	60.50 11.06 69.50	60.50 11.42 73.72	61.00 12.79 89.31	98.07 16.84 95.90	92.49 19.64 133.77	92.49 17.43 114.56	92.49 12.43 62.90	152.00 10.21 -30.70	60.50 7.23 29.81	130.09 7.21 -41.00	124.73 4.85 -52.49
BARRETT_IC_2 23705	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	127.84 5.29 -51.11	129.02 6.16 -39.57	131.26 8.27 -25.63	134.65 9.84 -14.24	164.95 11.06 -34.95	237.97 11.42 -103.75	227.48 12.79 -77.16	273.39 16.84 -79.42	307.02 19.64 -80.76	322.24 17.43 -115.19	236.77 12.43 -81.38	152.00 10.21 -30.70	138.98 7.23 -48.67	130.09 7.21 -41.00	124.73 4.85 -52.49
BARRETT_IC_3 23706	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	127.84 5.29 -51.11	129.02 6.16 -39.57	131.26 8.27 -25.63	134.65 9.84 -14.24	164.95 11.06 -34.95	237.97 11.42 -103.75	227.48 12.79 -77.16	273.39 16.84 -79.42	307.02 19.64 -80.76	322.24 17.43 -115.19	236.77 12.43 -81.38	152.00 10.21 -30.70	138.98 7.23 -48.67	130.09 7.21 -41.00	124.73 4.85 -52.49
BARRETT_IC_4 23707	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	127.84 5.29 -51.11	129.02 6.16 -39.57	131.26 8.27 -25.63	134.65 9.84 -14.24	164.95 11.06 -34.95	237.97 11.42 -103.75	227.48 12.79 -77.16	273.39 16.84 -79.42	307.02 19.64 -80.76	322.24 17.43 -115.19	236.77 12.43 -81.38	152.00 10.21 -30.70	138.98 7.23 -48.67	130.09 7.21 -41.00	124.73 4.85 -52.49
BARRETT_IC_5 23708	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	127.84 5.29 -51.11	129.02 6.16 -39.57	131.26 8.27 -25.63	134.65 9.84 -14.24	164.95 11.06 -34.95	237.97 11.42 -103.75	227.48 12.79 -77.16	273.39 16.84 -79.42	307.02 19.64 -80.76	322.24 17.43 -115.19	236.77 12.43 -81.38	152.00 10.21 -30.70	138.98 7.23 -48.67	130.09 7.21 -41.00	124.73 4.85 -52.49

BARRETT_IC_6 23709	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	127.84 5.29 -51.11	129.02 6.16 -39.57	131.26 8.27 -25.63	134.65 9.84 -14.24	164.95 11.06 -34.95	237.97 11.42 -103.75	227.48 12.79 -77.16	273.39 16.84 -79.42	307.02 19.64 -80.76	322.24 17.43 -115.19	236.77 12.43 -81.38	152.00 10.21 -30.70	138.98 7.23 -48.67	130.09 7.21 -41.00	124.73 4.85 -52.49
BARRETT_IC_7 23710	126.48 4.35 -53.09	97.15 4.83 -25.20	71.58 4.75 0.00	70.90 4.26 0.00	69.61 4.13 0.00	71.52 4.62 0.00	71.25 4.35 0.00	91.59 4.68 -20.01	103.23 4.84 -31.21	127.84 5.29 -51.11	129.11 6.25 -39.58	131.26 8.28 -25.63	134.76 9.95 -14.24	164.95 11.06 -34.95	237.96 11.42 -103.75	227.47 12.79 -77.16	273.39 16.83 -79.42	307.01 19.63 -80.76	322.25 17.44 -115.19	236.78 12.44 -81.38	152.00 10.22 -30.70	138.98 7.23 -48.67	129.92 7.04 -41.00	124.73 4.85 -52.49
BARRETT_IC_8 23711	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	127.84 5.29 -51.11	129.02 6.16 -39.57	131.26 8.27 -25.63	134.65 9.84 -14.24	164.95 11.06 -34.95	237.97 11.42 -103.75	227.48 12.79 -77.16	273.39 16.84 -79.42	307.02 19.64 -80.76	322.24 17.43 -115.19	236.77 12.43 -81.38	152.00 10.21 -30.70	138.98 7.23 -48.67	130.09 7.21 -41.00	124.73 4.85 -52.49
BARRETT_IC_9 23700	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	110.49 5.29 -33.76	129.02 6.16 -39.57	95.76 8.27 9.87	92.49 9.84 27.92	60.50 11.06 69.50	60.50 11.42 73.72	61.00 12.79 89.31	98.07 16.84 95.90	92.49 19.64 133.77	92.49 17.43 114.56	92.49 12.43 62.90	152.00 10.21 -30.70	60.50 7.23 29.81	130.09 7.21 -41.00	124.73 4.85 -52.49
BARRETT___1 23545	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	127.84 5.29 -51.11	129.02 6.16 -39.57	131.26 8.27 -25.63	134.65 9.84 -14.24	164.95 11.06 -34.95	237.97 11.42 -103.75	227.48 12.79 -77.16	273.39 16.84 -79.42	307.02 19.64 -80.76	322.24 17.43 -115.19	236.77 12.43 -81.38	152.00 10.21 -30.70	138.98 7.23 -48.67	130.09 7.21 -41.00	124.73 4.85 -52.49
BARRETT___2 23546	126.49 4.35 -53.09	97.15 4.84 -25.20	71.60 4.75 -0.02	70.92 4.27 -0.02	69.62 4.13 -0.01	71.53 4.61 -0.02	71.26 4.35 -0.01	91.59 4.68 -20.01	103.23 4.84 -31.21	110.49 5.29 -33.76	129.02 6.16 -39.57	95.76 8.27 9.87	92.49 9.84 27.92	60.50 11.06 69.50	60.50 11.42 73.72	61.00 12.79 89.31	98.07 16.84 95.90	92.49 19.64 133.77	92.49 17.43 114.56	92.49 12.43 62.90	152.00 10.21 -30.70	60.50 7.23 29.81	130.09 7.21 -41.00	124.73 4.85 -52.49
BATAVIA___115KV_TB1 55881	70.08 1.04 0.00	65.51 -1.61 0.00	64.56 -2.27 0.00	63.64 -3.00 0.00	62.73 -2.75 0.00	64.03 -2.88 0.00	63.36 -3.55 0.00	63.22 -3.68 0.00	64.29 -2.89 0.00	68.73 -2.71 0.00	79.43 -3.83 0.03	90.83 -6.52 0.01	98.07 -7.63 4.88	105.54 -8.21 5.20	111.36 -7.74 3.70	121.68 -7.43 8.42	149.60 -10.45 17.08	181.83 -10.33 14.46	167.77 -9.86 11.98	136.39 -6.58 0.00	107.86 -3.22 0.00	85.45 0.00 -2.36	80.12 -2.37 -0.62	66.72 -2.70 -2.03
BAYONEEC___CTG1 323682	70.14 3.18 2.09	66.88 3.55 3.79	66.87 3.27 3.24	65.07 2.67 4.23	65.70 2.55 2.33	66.87 3.01 3.04	68.27 3.28 1.91	71.10 3.81 -0.38	73.31 4.36 -1.77	77.88 4.79 -1.65	89.39 5.91 -0.19	106.16 8.27 -0.53	121.06 9.96 -0.53	131.32 11.31 -1.07	140.40 11.67 -5.93	184.93 13.20 -34.20	239.46 17.37 -44.96	302.55 19.84 -76.09	256.07 17.43 -49.03	191.96 12.58 -36.41	151.29 9.88 -30.32	118.51 6.98 -28.44	101.02 6.31 -12.83	73.09 4.04 -1.66
BAYONEEC___CTG10 323750	70.14 3.18 2.09	66.88 3.55 3.79	66.87 3.27 3.24	65.07 2.67 4.23	65.70 2.55 2.33	66.87 3.01 3.04	68.27 3.28 1.91	71.10 3.81 -0.38	73.31 4.36 -1.77	77.88 4.79 -1.65	89.39 5.91 -0.19	106.16 8.27 -0.53	121.06 9.96 -0.53	131.32 11.31 -1.07	140.40 11.67 -5.93	184.93 13.20 -34.20	239.46 17.37 -44.96	302.55 19.84 -76.09	256.07 17.43 -49.03	191.96 12.58 -36.41	151.29 9.88 -30.32	118.51 6.98 -28.44	101.02 6.31 -12.83	73.09 4.04 -1.66
BAYONEEC___CTG2 323683	70.14 3.18 2.09	66.88 3.55 3.79	66.87 3.27 3.24	65.07 2.67 4.23	65.70 2.55 2.33	66.87 3.01 3.04	68.27 3.28 1.91	71.10 3.81 -0.38	73.31 4.36 -1.77	77.88 4.79 -1.65	89.39 5.91 -0.19	106.16 8.27 -0.53	121.06 9.96 -0.53	131.32 11.31 -1.07	140.40 11.67 -5.93	184.93 13.20 -34.20	239.46 17.37 -44.96	302.55 19.84 -76.09	256.07 17.43 -49.03	191.96 12.58 -36.41	151.29 9.88 -30.32	118.51 6.98 -28.44	101.02 6.31 -12.83	73.09 4.04 -1.66
BAYONEEC___CTG3 323684	70.14 3.18 2.09	66.88 3.55 3.79	66.87 3.27 3.24	65.07 2.67 4.23	65.70 2.55 2.33	66.87 3.01 3.04	68.27 3.28 1.91	71.10 3.81 -0.38	73.31 4.36 -1.77	77.88 4.79 -1.65	89.39 5.91 -0.19	106.16 8.27 -0.53	121.06 9.96 -0.53	131.32 11.31 -1.07	140.40 11.67 -5.93	184.93 13.20 -34.20	239.46 17.37 -44.96	302.55 19.84 -76.09	256.07 17.43 -49.03	191.96 12.58 -36.41	151.29 9.88 -30.32	118.51 6.98 -28.44	101.02 6.31 -12.83	73.09 4.04 -1.66
BAYONEEC___CTG4 323685	70.14 3.18 2.09	66.88 3.55 3.79	66.87 3.27 3.24	65.07 2.67 4.23	65.70 2.55 2.33	66.87 3.01 3.04	68.27 3.28 1.91	71.10 3.81 -0.38	73.31 4.36 -1.77	77.88 4.79 -1.65	89.39 5.91 -0.19	106.16 8.27 -0.53	121.06 9.96 -0.53	131.32 11.31 -1.07	140.40 11.67 -5.93	184.93 13.20 -34.20	239.46 17.37 -44.96	302.55 19.84 -76.09	256.07 17.43 -49.03	191.96 12.58 -36.41	151.29 9.88 -30.32	118.51 6.98 -28.44	101.02 6.31 -12.83	73.09 4.04 -1.66
BAYONEEC___CTG5 323686	70.14 3.18 2.09	66.88 3.55 3.79	66.87 3.27 3.24	65.07 2.67 4.23	65.70 2.55 2.33	66.87 3.01 3.04	68.27 3.28 1.91	71.10 3.81 -0.38	73.31 4.36 -1.77	77.88 4.79 -1.65	89.39 5.91 -0.19	106.16 8.27 -0.53	121.06 9.96 -0.53	131.32 11.31 -1.07	140.40 11.67 -5.93	184.93 13.20 -34.20	239.46 17.37 -44.96	302.55 19.84 -76.09	256.07 17.43 -49.03	191.96 12.58 -36.41	151.29 9.88 -30.32	118.51 6.98 -28.44	101.02 6.31 -12.83	73.09 4.04 -1.66
BAYONEEC___CTG6 323687	70.14 3.18 2.09	66.88 3.55 3.79	66.87 3.27 3.24	65.07 2.67 4.23	65.70 2.55 2.33	66.87 3.01 3.04	68.27 3.28 1.91	71.10 3.81 -0.38	73.31 4.36 -1.77	77.88 4.79 -1.65	89.39 5.91 -0.19	106.16 8.27 -0.53	121.06 9.96 -0.53	131.32 11.31 -1.07	140.40 11.67 -5.93	184.93 13.20 -34.20	239.46 17.37 -44.96	302.55 19.84 -76.09	256.07 17.43 -49.03	191.96 12.58 -36.41	151.29 9.88 -30.32	118.51 6.98 -28.44	101.02 6.31 -12.83	73.09 4.04 -1.66
BAYONEEC___CTG7 323688	70.14 3.18 2.09	66.88 3.55 3.79	66.87 3.27 3.24	65.07 2.67 4.23	65.70 2.55 2.33	66.87 3.01 3.04	68.27 3.28 1.91	71.10 3.81 -0.38	73.31 4.36 -1.77	77.88 4.79 -1.65	89.39 5.91 -0.19	106.16 8.27 -0.53	121.06 9.96 -0.53	131.32 11.31 -1.07	140.40 11.67 -5.93	184.93 13.20 -34.20	239.46 17.37 -44.96	302.55 19.84 -76.09	256.07 17.43 -49.03	191.96 12.58 -36.41	151.29 9.88 -30.32	118.51 6.98 -28.44	101.02 6.31 -12.83	73.09 4.04 -1.66

BAYONEEC___CTG8 323689	70.14 3.18 2.09	66.88 3.55 3.79	66.87 3.27 3.24	65.07 2.67 4.23	65.70 2.55 2.33	66.87 3.01 3.04	68.27 3.28 1.91	71.10 3.81 -0.38	73.31 4.36 -1.77	77.88 4.79 -1.65	89.39 5.91 -0.19	106.16 8.27 -0.53	121.06 9.96 -0.53	131.32 11.31 -1.07	140.40 11.67 -5.93	184.93 13.20 -34.20	239.46 17.37 -44.96	302.55 19.84 -76.09	256.07 17.43 -49.03	191.96 12.58 -36.41	151.29 9.88 -30.32	118.51 6.98 -28.44	101.02 6.31 -12.83	73.09 4.04 -1.66
BAYONEEC___CTG9 323749	70.14 3.18 2.09	66.88 3.55 3.79	66.87 3.27 3.24	65.07 2.67 4.23	65.70 2.55 2.33	66.87 3.01 3.04	68.27 3.28 1.91	71.10 3.81 -0.38	73.31 4.36 -1.77	77.88 4.79 -1.65	89.39 5.91 -0.19	106.16 8.27 -0.53	121.06 9.96 -0.53	131.32 11.31 -1.07	140.40 11.67 -5.93	184.93 13.20 -34.20	239.46 17.37 -44.96	302.55 19.84 -76.09	256.07 17.43 -49.03	191.96 12.58 -36.41	151.29 9.88 -30.32	118.51 6.98 -28.44	101.02 6.31 -12.83	73.09 4.04 -1.66
BEACON___LESR 323632	80.53 2.42 -9.07	69.95 2.55 -0.28	69.17 2.34 0.00	68.77 2.13 0.00	67.51 2.03 0.00	69.24 2.34 0.00	69.24 2.34 0.00	56.34 2.48 13.04	9.75 2.69 60.12	18.28 2.93 56.09	80.29 3.42 6.41	83.43 4.18 18.12	97.35 4.75 17.98	87.60 5.23 36.57	20.71 5.16 107.25	-87.87 5.91 231.30	-49.95 7.79 234.87	77.36 9.08 138.34	95.01 7.96 102.56	75.87 5.43 72.52	103.43 4.56 12.21	96.71 3.41 -10.22	125.79 3.19 -40.72	97.93 2.70 -27.85
BEAVER RIVER___HYD 24048	71.19 2.14 0.00	69.07 1.95 0.00	68.78 1.94 0.00	68.50 1.86 0.00	67.51 2.03 0.00	69.04 2.14 0.00	69.31 2.40 0.00	68.98 2.08 0.00	68.52 1.34 0.00	72.58 1.14 0.00	84.21 0.92 0.00	97.85 0.49 0.00	110.24 -0.33 0.00	118.47 -0.47 0.00	122.55 -0.25 0.00	137.80 0.28 0.00	179.08 0.89 -1.05	209.69 2.28 -0.79	193.93 3.99 -0.33	147.11 4.15 0.00	114.19 3.11 0.00	85.67 2.58 0.00	83.77 1.88 0.00	68.66 1.28 0.00
BEEBEE_GT_13 23619	69.53 0.48 0.00	65.98 -1.14 0.00	64.96 -1.87 0.00	64.24 -2.40 0.00	63.19 -2.29 0.00	64.83 -2.07 0.00	64.36 -2.54 0.00	64.43 -2.48 0.00	65.36 -1.81 0.00	69.87 -1.57 0.00	80.96 -2.33 0.00	94.34 -3.02 0.00	105.92 -4.64 0.01	113.93 -5.00 0.01	118.12 -4.67 0.01	133.52 -3.99 0.02	171.35 -5.67 0.12	201.61 -5.58 -0.57	184.34 -5.69 -0.41	140.39 -2.57 0.00	110.30 -0.78 0.00	83.50 0.42 0.00	80.57 -1.31 0.00	65.70 -1.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	70.68 3.73 2.09	67.28 3.96 3.80	67.20 3.61 3.25	65.33 2.93 4.24	65.95 2.82 2.34	67.13 3.28 3.05	68.53 3.55 1.92	71.43 4.15 -0.38	73.71 4.77 -1.76	78.44 5.36 -1.64	90.13 6.66 -0.18	106.84 8.96 -0.53	121.82 10.73 -0.52	132.39 12.37 -1.08	141.13 12.40 -5.93	185.85 14.16 -34.17	240.29 18.25 -44.91	303.52 20.87 -76.03	257.12 18.58 -48.92	192.80 13.44 -36.40	152.17 10.77 -30.32	119.25 7.73 -28.43	101.74 7.04 -12.82	73.62 4.58 -1.65
BETHLEHEM___GRP 23843	91.76 1.24 -21.47	76.53 1.54 -7.86	68.17 1.34 0.00	67.84 1.20 0.00	66.66 1.18 0.00	68.31 1.40 0.00	68.24 1.34 0.00	61.51 1.40 6.80	37.45 1.61 31.34	43.99 1.79 29.24	82.03 2.08 3.34	90.64 2.73 9.45	104.19 2.99 9.37	103.20 3.33 19.07	67.46 2.95 58.28	15.43 3.16 125.25	54.41 4.25 126.98	170.63 4.55 40.54	181.65 3.98 11.95	161.94 2.57 -16.41	161.61 2.33 -48.20	128.67 1.74 -43.84	130.79 1.80 -47.11	100.07 1.62 -31.07
BETHLEHEM___GS1 323560	91.76 1.24 -21.47	76.53 1.54 -7.86	68.17 1.34 0.00	67.84 1.20 0.00	66.66 1.18 0.00	68.31 1.41 0.00	68.24 1.34 0.00	61.51 1.41 6.80	37.44 1.61 31.34	43.99 1.79 29.24	82.03 2.08 3.34	90.64 2.72 9.45	104.19 2.99 9.37	103.20 3.33 19.07	67.46 2.94 58.28	15.56 3.30 125.25	54.40 4.24 126.98	170.84 4.76 40.54	181.66 3.99 11.95	161.94 2.58 -16.41	161.62 2.34 -48.20	128.67 1.75 -43.84	130.79 1.80 -47.11	100.07 1.61 -31.07
BETHLEHEM___GS2 323561	91.76 1.24 -21.47	76.53 1.54 -7.86	68.17 1.34 0.00	67.84 1.20 0.00	66.66 1.18 0.00	68.31 1.41 0.00	68.24 1.34 0.00	61.51 1.41 6.80	37.44 1.61 31.34	43.99 1.79 29.24	82.03 2.08 3.34	90.64 2.72 9.45	104.19 2.99 9.37	103.20 3.33 19.07	67.46 2.94 58.28	15.56 3.30 125.25	54.40 4.24 126.98	170.84 4.76 40.54	181.66 3.99 11.95	161.94 2.58 -16.41	161.62 2.34 -48.20	128.67 1.75 -43.84	130.79 1.80 -47.11	100.07 1.61 -31.07
BETHLEHEM___GS3 323562	91.76 1.24 -21.47	76.53 1.54 -7.86	68.17 1.34 0.00	67.84 1.20 0.00	66.66 1.18 0.00	68.31 1.41 0.00	68.24 1.34 0.00	61.51 1.41 6.80	37.44 1.61 31.34	43.99 1.79 29.24	82.03 2.08 3.34	90.64 2.72 9.45	104.19 2.99 9.37	103.20 3.33 19.07	67.46 2.94 58.28	15.56 3.30 125.25	54.40 4.24 126.98	170.84 4.76 40.54	181.66 3.99 11.95	161.94 2.58 -16.41	161.62 2.34 -48.20	128.67 1.75 -43.84	130.79 1.80 -47.11	100.07 1.61 -31.07
BETHLEHEM___STEEL 23779	68.29 -0.76 0.00	64.03 -3.09 0.00	62.83 -4.01 0.00	62.11 -4.53 0.00	61.09 -4.39 0.00	62.69 -4.21 0.00	62.15 -4.75 0.00	61.68 -5.22 0.00	62.74 -4.43 0.00	67.30 -4.14 0.00	78.32 -4.91 0.06	90.14 -7.20 0.01	95.69 -6.86 8.03	103.15 -7.26 8.54	109.95 -6.75 6.09	116.87 -6.88 13.77	139.15 -10.45 27.53	164.43 -10.54 31.65	154.38 -10.62 24.61	134.10 -8.86 0.00	106.42 -4.67 0.00	83.98 -1.91 -2.80	78.19 -4.42 -0.73	65.55 -4.25 -2.41
BETHLHEM_115KV_TB1 79974	90.99 1.31 -20.63	76.26 1.54 -7.60	68.24 1.40 0.00	67.90 1.27 0.00	66.72 1.24 0.00	68.37 1.47 0.00	68.31 1.40 0.00	61.97 1.47 6.40	39.28 1.61 29.51	45.70 1.79 27.53	82.31 2.17 3.15	91.19 2.73 8.89	104.85 3.10 8.82	104.44 3.45 17.95	71.16 3.19 54.83	23.18 3.44 117.78	62.36 4.61 119.38	175.10 4.96 36.48	184.10 4.36 9.88	162.83 2.86 -17.01	160.52 2.55 -46.89	127.92 1.91 -42.92	128.93 1.88 -45.16	99.33 1.75 -30.19
BETHPAGE_CC_5 323564	127.11 4.97 -53.09	97.41 5.10 -25.20	71.66 4.81 -0.01	70.91 4.27 -0.01	69.62 4.13 -0.01	71.52 4.61 -0.01	71.79 4.88 -0.01	92.20 5.28 -20.01	104.17 5.78 -31.21	145.38 6.29 -67.65	130.03 7.16 -39.58	134.24 9.44 -27.44	138.23 11.16 -16.49	167.33 12.25 -36.14	199.82 12.77 -64.25	229.79 14.44 -77.83	284.60 19.14 -88.33	322.75 22.32 -93.80	338.53 19.90 -129.01	245.83 14.16 -88.71	157.43 11.34 -35.02	149.40 8.23 -58.08	130.97 7.86 -41.23	125.54 5.66 -52.49
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	68.36 -0.69 0.00	64.10 -3.02 0.00	62.89 -3.94 0.00	62.17 -4.46 0.00	61.16 -4.32 0.00	62.75 -4.15 0.00	62.22 -4.68 0.00	61.89 -5.02 0.00	62.94 -4.23 0.00	67.51 -3.93 0.00	78.82 -4.41 0.05	90.44 -6.91 0.01	97.25 -5.86 7.46	104.70 -6.30 7.94	111.36 -5.77 5.66	119.07 -5.64 12.82	142.39 -9.03 25.71	168.09 -8.88 29.65	157.30 -9.10 23.21	134.38 -8.58 0.00	106.64 -4.44 0.00	84.27 -1.66 -2.84	78.28 -4.34 -0.74	65.65 -4.18 -2.44
BINGHAMTON___COGEN 23790	72.77 0.76 -2.96	68.55 0.07 -1.37	66.50 -0.33 0.00	66.10 -0.53 0.00	65.02 -0.46 0.00	66.70 -0.20 0.00	66.70 -0.20 0.00	66.70 -0.20 0.00	67.24 0.07 0.00	71.73 0.29 0.00	83.71 0.42 0.00	97.46 0.10 0.00	111.48 0.88 -0.02	119.92 0.95 -0.03	124.16 1.35 -0.01	139.07 1.51 -0.03	180.06 1.77 -1.16	218.57 2.48 -9.47	199.86 2.09 -8.16	154.47 1.14 -10.37	123.16 1.89 -10.19	94.61 1.91 -9.62	87.85 0.74 -5.23	72.53 0.07 -5.08

BIXINCNT_115KV_LOAD 355685	67.94 -1.10 0.00	63.70 -3.42 0.00	62.49 -4.34 0.00	61.77 -4.86 0.00	60.83 -4.65 0.00	62.42 -4.48 0.00	62.22 -4.68 0.00	62.09 -4.82 0.00	62.94 -4.23 0.00	67.44 -4.00 0.00	79.01 -4.25 0.03	89.66 -7.69 0.01	100.58 -5.31 4.69	108.12 -5.83 4.99	113.83 -5.40 3.56	123.93 -5.36 8.23	151.08 -9.57 16.49	178.70 -9.92 18.00	164.35 -10.24 15.02	132.53 -10.44 0.00	105.53 -5.55 0.00	83.62 -2.49 -3.03	77.68 -4.99 -0.79	65.13 -4.85 -2.60
BLACK RIVER___HYD 24047	72.36 3.31 0.00	70.00 2.88 0.00	69.31 2.47 0.00	69.03 2.40 0.00	68.10 2.62 0.00	69.78 2.87 0.00	70.11 3.21 0.00	69.78 2.87 0.00	69.53 2.35 0.00	73.73 2.29 0.00	85.37 2.08 0.00	99.60 2.24 0.00	112.34 1.76 0.00	120.60 1.66 0.00	124.64 1.84 0.00	140.54 3.02 0.00	183.35 4.43 -1.78	214.76 6.81 -1.33	199.08 8.91 -0.56	151.39 8.43 0.00	117.74 6.66 0.00	88.16 5.07 0.00	85.73 3.85 0.00	69.95 2.56 0.00
BLACKRVR_115KV_TB2 79977	72.36 3.31 0.00	70.01 2.89 0.00	69.31 2.47 0.00	69.04 2.40 0.00	68.10 2.62 0.00	69.78 2.88 0.00	70.11 3.21 0.00	69.78 2.88 0.00	69.53 2.35 0.00	73.73 2.29 0.00	85.37 2.08 0.00	99.60 2.24 0.00	112.34 1.77 0.00	120.60 1.67 0.00	124.64 1.84 0.00	140.55 3.03 0.00	183.34 4.43 -1.78	214.77 6.82 -1.33	199.08 8.91 -0.56	151.40 8.43 0.00	117.75 6.66 0.00	88.16 5.07 0.00	85.73 3.85 0.00	69.95 2.56 0.00
BLDWN_LI_69_KV_BK4 356085	127.31 5.18 -53.09	97.68 5.37 -25.20	72.12 5.28 0.00	71.43 4.80 0.00	70.06 4.58 0.00	71.99 5.08 0.00	72.05 5.15 0.00	92.26 5.35 -20.01	104.10 5.71 -31.21	141.94 6.29 -64.21	130.11 7.25 -39.58	135.39 9.54 -28.49	139.60 11.39 -17.64	169.30 12.73 -37.64	217.64 13.26 -81.58	237.51 15.13 -84.86	290.68 20.02 -93.53	332.25 23.35 -102.28	348.41 20.86 -137.94	250.96 15.01 -92.99	155.55 12.00 -32.47	146.79 8.72 -54.98	131.15 8.27 -41.00	125.68 5.80 -52.49
BLISS_WT_PWR 323608	67.67 -1.38 0.00	63.49 -3.63 0.00	62.23 -4.61 0.00	61.51 -5.13 0.00	60.64 -4.84 0.00	62.35 -4.55 0.00	62.02 -4.88 0.00	61.88 -5.02 0.00	62.81 -4.37 0.00	67.29 -4.15 0.00	77.09 -6.16 0.03	89.17 -8.18 0.01	100.02 -5.86 4.69	107.41 -6.54 4.99	112.98 -6.26 3.56	123.39 -5.91 8.23	150.56 -10.09 16.49	178.09 -10.53 18.00	163.22 -11.37 15.02	131.52 -11.44 0.00	104.86 -6.22 0.00	83.13 -2.99 -3.03	77.67 -5.00 -0.79	64.80 -5.19 -2.60
BLUESTONE___WT_PWR 323821	79.03 4.56 -5.42	73.44 3.82 -2.50	69.91 3.08 0.00	69.57 2.93 0.00	68.62 3.14 0.00	70.45 3.54 0.00	70.78 3.88 0.00	70.71 3.81 0.00	71.27 4.10 0.00	75.94 4.50 0.00	88.12 4.83 0.00	103.20 5.84 0.00	117.77 7.18 -0.01	126.81 7.85 -0.02	131.40 8.59 -0.01	147.87 10.32 -0.03	191.22 13.11 -0.98	237.42 16.32 -14.48	220.37 16.11 -14.65	173.94 12.01 -18.97	139.62 9.88 -18.65	105.98 7.48 -15.41	96.86 5.97 -9.00	78.77 3.97 -7.41
BLUE_CIRC_CHEM_DRP 24182	83.09 0.55 -13.49	72.29 0.87 -4.30	67.57 0.74 0.00	67.30 0.67 0.00	66.14 0.65 0.00	67.71 0.80 0.00	67.57 0.67 0.00	61.14 0.67 6.43	38.26 0.74 29.66	44.56 0.79 27.67	81.04 0.92 3.16	89.59 1.17 8.94	103.03 1.33 8.87	102.44 1.55 18.04	70.60 1.35 53.55	23.79 1.38 115.11	62.39 1.95 116.70	162.13 2.07 46.56	164.95 1.90 26.56	138.86 1.29 5.39	136.70 1.44 -24.17	113.52 1.08 -29.35	117.62 0.90 -34.83	93.59 0.88 -25.33
BOC_GAS_DRP 24189	86.29 1.24 -16.00	74.72 1.48 -6.12	68.24 1.40 0.00	67.97 1.33 0.00	66.72 1.24 0.00	68.37 1.47 0.00	68.31 1.40 0.00	64.12 1.40 4.19	49.40 1.55 19.32	55.13 1.71 18.02	83.31 2.08 2.06	94.26 2.73 5.82	108.00 3.21 5.78	110.76 3.57 11.75	90.59 3.44 35.65	64.83 3.58 76.27	104.76 4.78 77.15	197.86 5.17 13.93	195.99 4.74 -1.63	166.45 3.15 -20.34	153.55 2.89 -39.58	123.18 2.24 -37.84	118.28 2.05 -34.35	94.38 1.68 -25.31
BOONVILLE_115KV_TB1 79983	71.53 2.49 0.00	69.40 2.28 0.00	68.98 2.14 0.00	68.64 2.00 0.00	67.51 2.03 0.00	69.18 2.27 0.00	69.38 2.48 0.00	69.24 2.34 0.00	69.33 2.15 0.00	73.58 2.14 0.00	85.54 2.25 0.00	99.50 2.14 0.00	112.68 2.10 0.00	121.32 2.38 0.00	125.50 2.70 0.00	140.96 3.44 0.00	182.43 4.78 -0.51	213.20 6.20 -0.38	196.60 6.83 -0.16	148.54 5.58 0.00	115.52 4.44 0.00	86.66 3.57 0.00	84.67 2.78 0.00	69.34 1.95 0.00
BORALEX_4TH_BRANCH 23824	132.92 4.00 -59.87	100.57 4.16 -29.29	70.78 3.94 0.00	70.37 3.73 0.00	69.15 3.67 0.00	70.92 4.01 0.00	70.92 4.01 0.00	76.66 4.08 -5.68	97.65 4.30 -26.18	100.58 4.72 -24.42	91.75 5.66 -2.79	112.16 6.91 -7.89	126.36 7.96 -7.83	143.66 8.80 -15.92	168.35 8.84 -36.71	227.80 9.63 -80.65	272.49 12.75 -82.60	393.81 14.05 -173.14	403.03 12.89 -200.52	388.56 9.15 -236.45	330.85 7.66 -212.11	225.39 5.82 -136.49	167.02 5.57 -79.57	118.40 4.51 -46.50
BOWLINE___1 23526	79.02 2.83 -7.14	73.60 3.09 -3.40	69.58 2.74 0.00	68.97 2.33 0.00	67.64 2.16 0.00	69.51 2.61 0.00	69.65 2.74 0.00	70.05 3.15 0.00	70.73 3.56 0.00	75.44 4.00 0.00	88.20 4.91 0.00	104.07 6.71 0.00	118.76 8.18 0.00	128.10 9.16 0.00	137.89 9.58 -5.51	143.56 10.86 4.83	178.77 14.53 12.89	223.19 16.54 -0.03	175.21 14.40 28.81	184.17 10.30 -30.91	148.50 8.34 -29.08	116.42 5.90 -27.43	99.20 5.32 -12.00	84.25 3.57 -13.30
BOWLINE___2 23595	78.95 2.76 -7.14	73.47 2.95 -3.40	69.51 2.68 0.00	68.83 2.20 0.00	67.58 2.09 0.00	69.44 2.54 0.00	69.58 2.68 0.00	69.92 3.01 0.00	70.60 3.42 0.00	75.30 3.86 0.00	88.12 4.83 0.00	103.88 6.52 0.00	118.54 7.97 0.00	127.86 8.92 0.00	137.77 9.46 -5.51	143.26 10.59 4.86	178.38 14.18 12.93	222.72 16.13 0.03	174.94 14.23 28.90	183.88 10.00 -30.91	148.39 8.22 -29.09	116.34 5.81 -27.43	99.05 5.16 -12.00	84.19 3.50 -13.30
BRADY___115KV_TB2 356060	69.81 0.76 0.00	67.99 0.87 0.00	67.97 1.14 0.00	67.90 1.27 0.00	66.86 1.38 0.00	67.97 1.07 0.00	67.91 1.00 0.00	67.50 0.60 0.00	67.04 -0.13 0.00	70.80 -0.64 0.00	82.37 -0.92 0.00	95.41 -1.95 0.00	107.92 -2.65 0.00	116.09 -2.85 0.00	119.73 -3.07 0.00	134.22 -3.30 0.00	173.24 -3.90 0.00	202.49 -4.13 0.00	186.77 -2.84 0.00	141.25 -1.72 0.00	108.86 -2.22 0.00	81.59 -1.50 0.00	81.23 -0.66 0.00	67.52 0.13 0.00
BRANSCOMB___SOLAR 323811	147.47 4.56 -73.87	106.94 4.43 -35.40	70.98 4.15 0.00	70.50 3.86 0.00	69.28 3.80 0.00	70.98 4.08 0.00	70.98 4.08 0.00	75.49 4.08 -4.50	92.29 4.36 -20.75	95.30 4.50 -19.36	90.50 5.00 -2.21	109.46 5.84 -6.25	123.41 6.63 -6.21	138.94 7.38 -12.62	160.38 7.62 -29.97	212.30 8.93 -65.84	256.26 11.69 -67.43	409.16 14.46 -188.08	434.09 13.66 -230.81	434.55 10.15 -281.44	379.72 8.55 -260.08	254.86 6.49 -165.29	189.85 5.90 -102.07	128.98 4.58 -57.01
BRDGHMPT_69_KV_BK1 55812	130.01 7.87 -53.09	99.97 7.65 -25.20	73.85 7.02 0.00	72.97 6.33 0.00	71.37 5.89 0.00	73.46 6.56 0.00	73.66 6.76 0.00	94.47 7.56 -20.01	106.79 8.40 -31.21	149.15 9.43 -68.29	134.03 11.16 -39.58	137.79 14.12 -26.31	147.95 16.14 -21.23	175.66 17.60 -39.12	215.11 18.30 -74.02	260.94 18.84 -104.58	284.64 24.80 -82.71	324.08 29.55 -87.91	354.19 26.74 -137.84	264.61 19.30 -102.35	271.05 15.00 -144.98	178.51 11.72 -83.71	136.45 11.14 -43.43	128.24 8.36 -52.49

BRENTWOD_69_KV_W. BRTWOOD 56703	128.90 6.77 -53.09	99.09 6.78 -25.20	73.25 6.42 0.00	72.43 5.80 0.00	70.98 5.50 0.00	72.99 6.09 0.00	73.39 6.49 0.00	93.94 7.02 -20.01	105.85 7.46 -31.21	147.73 8.00 -68.29	131.94 9.08 -39.58	135.31 11.39 -26.56	139.48 12.27 -16.63	214.09 13.56 -81.59	210.04 13.75 -73.49	225.44 14.85 -73.07	280.59 19.49 -83.97	315.74 22.94 -86.19	331.30 20.67 -121.02	242.95 14.87 -85.12	194.48 12.44 -70.96	213.82 9.39 -121.34	135.51 9.66 -43.97	127.09 7.21 -52.49
BRISTLHL_115KV_TB1 79998	68.15 -0.90 0.00	65.84 -1.28 0.00	65.30 -1.54 0.00	64.97 -1.67 0.00	63.84 -1.64 0.00	65.43 -1.47 0.00	65.43 -1.47 0.00	65.56 -1.34 0.00	66.03 -1.14 0.00	70.37 -1.07 0.00	82.04 -1.25 0.00	95.80 -1.56 0.00	108.81 -1.77 0.00	116.92 -2.02 0.00	120.96 -1.84 0.00	135.73 -1.79 0.00	178.87 -2.48 -4.21	207.29 -2.48 -3.15	188.65 -2.28 -1.32	141.82 -1.14 0.00	110.53 -0.56 0.00	83.01 -0.08 0.00	81.06 -0.82 0.00	66.31 -1.08 0.00
BROOKHAVEN___DRP 24191	128.28 6.15 -53.09	98.49 6.17 -25.20	72.58 5.75 0.00	71.77 5.13 0.00	70.26 4.78 0.00	72.32 5.42 0.00	72.66 5.75 0.00	93.27 6.36 -20.01	105.04 6.65 -31.21	146.94 7.22 -68.29	131.11 8.25 -39.58	134.18 10.51 -26.30	143.59 11.83 -21.19	170.70 12.96 -38.79	209.04 13.26 -72.98	255.21 14.44 -103.25	278.59 18.78 -82.68	316.46 22.11 -87.73	346.76 20.10 -137.05	259.15 14.58 -101.60	267.52 12.11 -144.33	175.53 9.06 -83.39	134.31 9.01 -43.42	126.48 6.60 -52.49
BROOKLYN_NAVY_YARD 23515	79.77 3.31 -7.41	74.27 3.62 -3.53	70.11 3.27 0.00	69.30 2.67 0.00	68.03 2.55 0.00	69.92 3.01 0.00	70.25 3.34 0.00	71.30 4.01 -0.38	73.51 4.57 -1.77	78.16 5.07 -1.65	89.56 6.08 -0.19	106.36 8.47 -0.53	121.27 10.17 -0.53	131.55 11.53 -1.08	140.77 12.04 -5.93	185.34 13.62 -34.20	240.17 18.08 -44.96	303.37 20.66 -76.09	308.13 18.20 -100.31	192.52 13.14 -36.41	151.74 10.33 -30.32	118.75 7.23 -28.44	101.34 6.63 -12.83	85.55 4.25 -13.91
BROOKLYN___ARMY_DRP 323595	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.80 2.94 3.05	68.20 3.21 1.92	71.02 3.75 -0.38	73.30 4.37 -1.76	77.94 4.86 -1.64	89.55 6.08 -0.18	106.06 8.18 -0.53	121.05 9.95 -0.52	131.44 11.42 -1.08	140.14 11.42 -5.93	184.75 13.06 -34.17	238.87 16.83 -44.91	301.87 19.22 -76.03	255.60 17.07 -48.92	191.52 12.15 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
BROOME_2_LFGE 323671	72.77 0.76 -2.96	68.55 0.07 -1.37	66.44 -0.40 0.00	66.10 -0.54 0.00	65.03 -0.46 0.00	66.70 -0.20 0.00	66.70 -0.20 0.00	66.70 -0.20 0.00	67.24 0.07 0.00	71.73 0.29 0.00	83.46 0.17 0.00	97.46 0.10 0.00	111.47 0.88 -0.02	119.91 0.95 -0.03	124.16 1.35 -0.01	139.21 1.66 -0.03	180.24 1.95 -1.16	218.77 2.68 -9.47	200.05 2.28 -8.16	154.47 1.14 -10.37	123.16 1.89 -10.19	94.62 1.91 -9.62	88.01 0.90 -5.23	72.53 0.07 -5.08
BROOME___LFGE 323600	72.77 0.76 -2.96	68.55 0.07 -1.37	66.44 -0.40 0.00	66.10 -0.54 0.00	65.03 -0.46 0.00	66.70 -0.20 0.00	66.70 -0.20 0.00	66.70 -0.20 0.00	67.24 0.07 0.00	71.73 0.29 0.00	83.46 0.17 0.00	97.46 0.10 0.00	111.47 0.88 -0.02	119.91 0.95 -0.03	124.16 1.35 -0.01	139.21 1.66 -0.03	180.24 1.95 -1.16	218.77 2.68 -9.47	200.05 2.28 -8.16	154.47 1.14 -10.37	123.16 1.89 -10.19	94.62 1.91 -9.62	88.01 0.90 -5.23	72.53 0.07 -5.08
BROWNFLS_115KV_TB 3_5 80003	70.08 1.04 0.00	68.13 1.01 0.00	67.91 1.07 0.00	67.77 1.13 0.00	66.72 1.24 0.00	68.11 1.20 0.00	68.17 1.27 0.00	67.77 0.87 0.00	67.24 0.07 0.00	71.23 -0.21 0.00	82.71 -0.58 0.00	96.00 -1.36 0.00	108.14 -2.43 0.00	116.20 -2.74 0.00	119.97 -2.82 0.00	134.77 -2.75 0.00	175.02 -2.83 -0.72	204.47 -2.69 -0.54	188.70 -1.14 -0.22	142.96 0.00 0.00	110.53 -0.56 0.00	82.92 -0.17 0.00	81.80 -0.08 0.00	67.59 0.20 0.00
BROWNSV1_27_KV_LOAD 356125	80.60 4.14 -7.41	75.08 4.43 -3.53	70.98 4.14 0.00	70.10 3.47 0.00	68.82 3.34 0.00	70.72 3.81 0.00	70.98 4.08 0.00	71.97 4.68 -0.38	74.18 5.24 -1.77	78.95 5.86 -1.65	90.72 7.25 -0.19	107.53 9.64 -0.53	122.71 11.61 -0.53	133.10 13.08 -1.08	142.48 13.75 -5.93	187.26 15.54 -34.20	242.46 20.37 -44.96	306.06 23.35 -76.09	310.59 20.67 -100.31	194.39 15.01 -36.41	153.29 11.89 -30.32	119.92 8.39 -28.44	102.33 7.61 -12.83	86.29 4.99 -13.91
BURROWS___LYONSDAL 23803	71.40 2.35 0.00	69.33 2.21 0.00	68.91 2.07 0.00	68.64 2.00 0.00	67.58 2.10 0.00	69.18 2.27 0.00	69.38 2.48 0.00	69.24 2.34 0.00	69.12 1.95 0.00	73.30 1.86 0.00	85.21 1.92 0.00	99.11 1.75 0.00	111.90 1.33 0.00	120.49 1.55 0.00	124.64 1.84 0.00	140.14 2.61 0.00	181.47 3.72 -0.62	212.04 4.96 -0.46	195.88 6.07 -0.19	148.11 5.15 0.00	115.08 4.00 0.00	86.33 3.24 0.00	84.34 2.46 0.00	69.07 1.68 0.00
CAITHNESS_CC_1 323624	128.14 6.00 -53.09	98.42 6.11 -25.20	72.52 5.68 -0.01	71.65 5.00 -0.01	70.21 4.72 -0.01	72.27 5.35 -0.01	72.59 5.68 -0.01	93.13 6.22 -20.01	104.98 6.59 -31.21	146.87 7.14 -68.29	130.86 8.00 -39.58	133.88 10.22 -26.30	143.32 11.61 -21.14	169.88 12.49 -38.46	207.52 12.77 -71.95	253.61 14.17 -101.92	278.38 18.59 -82.65	316.06 21.89 -87.55	345.60 19.72 -136.26	258.11 14.29 -100.85	266.54 11.77 -143.69	174.87 8.72 -83.06	134.06 8.77 -43.41	126.35 6.47 -52.49
CALPINE BETH_PAGE_GT4 24209	126.90 4.76 -53.09	97.28 4.97 -25.20	71.51 4.68 0.00	70.77 4.13 0.00	69.47 3.99 0.00	71.39 4.48 0.00	71.59 4.68 0.00	92.00 5.08 -20.01	103.97 5.58 -31.21	145.01 6.14 -67.43	129.95 7.08 -39.58	134.65 9.25 -28.04	138.71 10.95 -17.18	168.38 12.25 -37.19	204.46 12.77 -68.89	232.94 14.44 -80.98	287.40 18.95 -91.31	327.34 22.11 -98.61	343.41 19.72 -134.07	248.28 14.15 -91.17	156.96 11.33 -34.55	149.05 8.06 -57.90	130.74 7.70 -41.16	125.34 5.46 -52.49
CALPINE_BETH_PAGE_GT_4 323586	126.89 4.76 -53.09	97.28 4.97 -25.20	71.52 4.68 -0.01	70.78 4.13 -0.01	69.48 3.99 -0.01	71.39 4.48 -0.01	71.59 4.68 -0.01	91.99 5.08 -20.01	103.96 5.57 -31.21	145.01 6.14 -67.43	129.86 7.00 -39.58	134.66 9.25 -28.04	138.82 11.06 -17.18	168.38 12.25 -37.19	204.34 12.65 -68.89	232.94 14.44 -80.98	287.59 19.14 -91.31	327.55 22.32 -98.61	343.59 19.90 -134.07	248.28 14.16 -91.17	156.97 11.34 -34.55	149.14 8.15 -57.90	130.74 7.69 -41.16	125.41 5.53 -52.49
CALPINE_BP_GT1 23823	126.89 4.76 -53.09	97.28 4.97 -25.20	71.52 4.68 -0.01	70.78 4.13 -0.01	69.48 3.99 -0.01	71.39 4.48 -0.01	71.59 4.68 -0.01	91.99 5.08 -20.01	103.96 5.57 -31.21	145.01 6.14 -67.43	129.86 7.00 -39.58	134.66 9.25 -28.04	138.82 11.06 -17.18	168.38 12.25 -37.19	204.34 12.65 -68.89	232.94 14.44 -80.98	287.59 19.14 -91.31	327.55 22.32 -98.61	343.59 19.90 -134.07	248.28 14.16 -91.17	156.97 11.34 -34.55	149.14 8.15 -57.90	130.74 7.69 -41.16	125.41 5.53 -52.49
CALSPAN___DRP 24200	68.29 -0.76 0.00	64.03 -3.09 0.00	62.83 -4.01 0.00	62.11 -4.53 0.00	61.09 -4.39 0.00	62.69 -4.21 0.00	62.15 -4.75 0.00	61.68 -5.22 0.00	62.74 -4.43 0.00	67.30 -4.14 0.00	78.32 -4.91 0.06	90.14 -7.20 0.01	95.69 -6.86 8.03	103.15 -7.26 8.54	109.95 -6.75 6.09	116.87 -6.88 13.77	139.15 -10.45 27.53	164.43 -10.54 31.65	154.38 -10.62 24.61	134.10 -8.86 0.00	106.42 -4.67 0.00	83.98 -1.91 -2.80	78.19 -4.42 -0.73	65.55 -2.41 -2.41

CALVERTON___SOLAR 323806	128.48 6.35 -53.09	98.69 6.38 -25.20	72.79 5.95 -0.01	71.91 5.26 -0.01	70.40 4.91 -0.01	72.46 5.55 -0.01	72.86 5.95 -0.01	93.40 6.49 -20.01	105.25 6.86 -31.21	147.15 7.43 -68.29	131.27 8.41 -39.58	134.57 10.90 -26.31	144.16 12.38 -21.20	171.28 13.44 -38.90	210.05 13.87 -73.38	256.40 15.13 -103.75	279.66 19.84 -82.69	317.96 23.55 -87.80	348.38 21.42 -137.34	260.43 15.59 -101.88	268.34 12.66 -144.60	176.14 9.55 -83.50	134.64 9.33 -43.42	126.76 6.88 -52.49
CANDIGU_WT_PWR 323617	70.63 -0.28 -1.86	66.03 -1.95 -0.86	64.09 -2.74 0.00	63.57 -3.06 0.00	62.60 -2.88 0.00	64.29 -2.61 0.00	64.10 -2.81 0.00	63.76 -3.14 0.00	64.29 -2.89 0.00	68.58 -2.86 0.00	78.47 -4.50 0.32	91.54 -5.74 0.07	55.53 -5.53 49.52	59.88 -6.31 52.75	79.23 -6.01 37.56	45.59 -6.00 85.61	-6.00 -8.15 174.99	-6.00 -8.48 204.14	36.85 -7.78 144.99	143.32 -6.14 -6.50	114.92 -2.55 -6.39	88.56 -0.67 -6.14	83.06 -2.13 -3.31	68.10 -2.56 -3.27
CARR STREET_E_SYR 24060	68.49 -0.55 0.00	66.11 -1.00 0.00	65.50 -1.34 0.00	65.17 -1.47 0.00	64.04 -1.44 0.00	65.57 -1.34 0.00	65.63 -1.27 0.00	65.63 -1.27 0.00	66.24 -0.94 0.00	70.59 -0.85 0.00	82.29 -1.00 0.00	96.20 -1.16 0.00	109.13 -1.44 0.00	117.39 -1.55 0.00	121.33 -1.47 0.00	136.15 -1.38 0.00	176.81 -1.60 -1.27	205.91 -1.66 -0.95	188.49 -1.52 -0.40	142.11 -0.85 0.00	110.86 -0.22 0.00	83.25 0.17 0.00	81.39 -0.49 0.00	66.44 -0.94 0.00
CARTHAGE___PAPER 23857	71.67 2.62 0.00	69.47 2.35 0.00	69.04 2.20 0.00	68.77 2.13 0.00	67.77 2.29 0.00	69.38 2.48 0.00	69.71 2.81 0.00	69.38 2.48 0.00	68.99 1.81 0.00	73.08 1.64 0.00	84.62 1.33 0.00	98.43 1.07 0.00	110.91 0.33 0.00	119.18 0.24 0.00	123.29 0.49 0.00	138.76 1.23 0.00	180.77 2.13 -1.50	211.66 3.92 -1.12	196.15 6.07 -0.47	148.97 6.00 0.00	115.75 4.66 0.00	86.66 3.57 0.00	84.58 2.70 0.00	69.27 1.88 0.00
CASSADAGA_WT_PWR 323784	69.26 0.21 0.00	64.36 -2.75 0.00	63.03 -3.81 0.00	62.51 -4.13 0.00	61.48 -4.00 0.00	63.22 -3.68 0.00	63.35 -3.55 0.00	63.16 -3.75 0.00	64.09 -3.09 0.00	68.44 -3.00 0.00	78.34 -4.91 0.04	92.39 -4.96 0.01	102.06 -3.21 5.30	109.74 -3.57 5.63	115.71 -3.07 4.03	125.16 -2.62 9.75	153.23 -4.61 19.30	179.26 -5.57 21.79	165.66 -6.25 17.70	136.68 -6.29 0.00	109.08 -2.00 0.00	86.24 0.17 -2.98	80.62 -2.04 -0.78	67.25 -2.70 -2.56
CE_DUNWOOD___DRP 24194	79.90 3.45 -7.40	74.34 3.69 -3.53	70.24 3.41 0.00	69.57 2.93 0.00	68.23 2.75 0.00	70.11 3.21 0.00	70.25 3.35 0.00	71.03 3.75 -0.38	73.17 4.23 -1.76	77.80 4.72 -1.65	89.31 5.83 -0.19	105.78 7.89 -0.53	120.61 9.51 -0.53	130.60 10.59 -1.07	139.77 11.05 -5.92	185.27 12.51 -35.23	240.29 16.65 -46.50	303.73 19.01 -78.09	310.28 16.88 -103.79	191.45 12.01 -36.48	151.03 9.66 -30.28	118.22 6.73 -28.40	100.84 6.14 -12.81	85.46 4.18 -13.90
CE_MILLWOOD___DRP 24193	79.67 3.25 -7.37	74.12 3.49 -3.51	70.04 3.21 0.00	69.37 2.73 0.00	68.10 2.62 0.00	69.98 3.08 0.00	70.11 3.21 0.00	70.90 3.61 -0.38	72.96 4.03 -1.75	77.57 4.50 -1.63	89.06 5.58 -0.19	105.38 7.50 -0.53	120.17 9.07 -0.52	130.11 10.11 -1.07	139.24 10.56 -5.89	183.70 11.83 -34.35	238.13 15.77 -45.23	300.98 17.98 -76.39	306.53 15.93 -100.99	190.65 11.44 -36.25	150.46 9.22 -30.16	117.87 6.48 -28.30	100.55 5.90 -12.77	85.21 3.98 -13.85
CE_NYC2_DRP 24202	69.92 2.97 2.10	66.74 3.42 3.80	66.66 3.07 3.25	64.93 2.53 4.24	65.56 2.42 2.34	66.66 2.81 3.05	68.06 3.08 1.92	70.89 3.61 -0.38	73.10 4.16 -1.76	77.65 4.57 -1.64	89.13 5.66 -0.18	105.77 7.89 -0.53	120.61 9.51 -0.52	130.84 10.82 -1.08	139.90 11.17 -5.93	184.34 12.65 -34.17	238.69 16.65 -44.91	301.66 19.01 -76.03	255.21 16.69 -48.91	191.37 12.01 -36.40	150.95 9.55 -30.32	118.17 6.65 -28.43	94.91 6.06 -6.97	72.88 3.84 -1.65
CE_NYC_DRP 24195	79.98 3.52 -7.41	74.48 3.83 -3.53	70.38 3.54 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.18 3.28 0.00	70.38 3.48 0.00	71.37 4.08 -0.38	73.58 4.64 -1.77	78.23 5.14 -1.65	89.89 6.41 -0.19	106.56 8.67 -0.53	121.50 10.39 -0.53	131.79 11.78 -1.08	141.01 12.28 -5.93	185.62 13.89 -34.21	240.35 18.25 -44.97	303.39 20.66 -76.10	308.33 18.39 -100.33	192.53 13.15 -36.41	151.85 10.44 -30.32	118.84 7.31 -28.44	101.34 6.63 -12.83	85.61 4.31 -13.91
CHAFFEE___LFGE 323603	68.42 -0.62 0.00	64.30 -2.82 0.00	62.89 -3.94 0.00	62.17 -4.46 0.00	61.23 -4.26 0.00	62.96 -3.95 0.00	62.35 -4.55 0.00	62.02 -4.88 0.00	63.08 -4.10 0.00	67.72 -3.72 0.00	78.00 -5.24 0.05	90.63 -6.72 0.01	98.46 -5.75 6.36	106.12 -6.06 6.76	112.45 -5.52 4.82	121.16 -5.37 11.00	147.01 -8.15 21.98	173.73 -7.85 25.04	161.30 -8.34 19.97	134.96 -8.00 0.00	107.09 -3.99 0.00	84.42 -1.58 -2.91	79.04 -3.60 -0.76	65.85 -4.04 -2.50
CHATEAUG_35_KV_LOAD 355732	68.63 -0.41 0.00	66.85 -0.27 0.00	66.90 0.07 0.00	66.90 0.27 0.00	65.74 0.26 0.00	67.04 0.13 0.00	67.17 0.27 0.00	67.10 0.20 0.00	66.91 -0.27 0.00	70.51 -0.93 0.00	81.87 -1.42 0.00	95.02 -2.34 0.00	107.81 -2.76 0.00	115.49 -3.45 0.00	118.74 -4.05 0.00	132.71 -4.81 0.00	170.94 -6.20 0.00	199.39 -7.23 0.00	182.79 -6.83 0.00	137.53 -5.43 0.00	105.75 -5.33 0.00	79.27 -3.82 0.00	79.26 -2.62 0.00	65.70 -1.68 0.00
CHATEAUG_WT_PWR 323614	68.64 -0.41 0.00	66.92 -0.20 0.00	66.90 0.07 0.00	66.84 0.20 0.00	65.74 0.26 0.00	66.97 0.07 0.00	67.17 0.27 0.00	67.10 0.20 0.00	66.97 -0.20 0.00	70.59 -0.85 0.00	82.04 -1.25 0.00	95.12 -2.24 0.00	107.92 -2.65 0.00	115.73 -3.21 0.00	118.99 -3.81 0.00	132.85 -4.68 0.00	170.93 -6.20 0.00	199.38 -7.24 0.00	182.80 -6.82 0.00	137.53 -5.43 0.00	105.86 -5.22 0.00	79.35 -3.74 0.00	79.18 -2.70 0.00	65.77 -1.62 0.00
CHAT_HIGH_FALL_HYD 323578	68.63 -0.41 0.00	66.85 -0.27 0.00	66.90 0.07 0.00	66.90 0.27 0.00	65.74 0.26 0.00	67.04 0.13 0.00	67.17 0.27 0.00	67.10 0.20 0.00	66.91 -0.27 0.00	70.51 -0.93 0.00	81.87 -1.42 0.00	95.02 -2.34 0.00	107.81 -2.76 0.00	115.49 -3.45 0.00	118.74 -4.05 0.00	132.71 -4.81 0.00	170.94 -6.20 0.00	199.39 -7.23 0.00	182.79 -6.83 0.00	137.53 -5.43 0.00	105.75 -5.33 0.00	79.27 -3.82 0.00	79.26 -2.62 0.00	65.70 -1.68 0.00
CHAUTAUQUA___LFGE 323629	68.91 -0.14 0.00	64.57 -2.55 0.00	63.16 -3.68 0.00	62.51 -4.13 0.00	61.55 -3.93 0.00	63.29 -3.61 0.00	62.96 -3.95 0.00	62.42 -4.48 0.00	63.35 -3.83 0.00	67.87 -3.57 0.00	77.99 -5.24 0.05	91.02 -6.33 0.01	97.46 -5.75 7.36	104.82 -6.31 7.81	111.45 -5.77 5.58	119.53 -5.64 12.35	144.38 -8.32 24.44	170.43 -7.85 28.34	158.95 -8.34 22.33	135.82 -7.14 0.00	108.19 -2.89 0.00	85.42 -0.58 -2.91	80.02 -2.62 -0.76	66.72 -3.17 -2.50
CHERRYST_13_KV_LD 356241	80.26 3.80 -7.41	74.75 4.09 -3.53	70.58 3.74 0.00	69.84 3.20 0.00	68.56 3.08 0.00	70.45 3.55 0.00	70.72 3.81 0.00	71.70 4.42 -0.38	73.91 4.97 -1.77	78.66 5.57 -1.65	90.39 6.91 -0.19	107.14 9.25 -0.53	122.16 11.06 -0.53	132.62 12.61 -1.08	141.87 13.14 -5.93	186.58 14.85 -34.21	241.41 19.31 -44.96	304.83 22.11 -76.10	309.47 19.53 -100.33	193.39 14.01 -36.41	152.51 11.11 -30.32	119.25 7.73 -28.44	101.75 7.04 -12.83	85.88 4.58 -13.91

CHESTROR_138KV_BK263 355645	77.72 2.55 -6.12	72.69 2.75 -2.82	69.31 2.47 0.00	68.70 2.07 0.00	67.44 1.96 0.00	69.24 2.34 0.00	69.38 2.48 0.00	69.65 2.74 0.00	70.27 3.09 0.00	74.94 3.50 0.00	87.62 4.33 0.00	103.10 5.74 0.00	117.65 7.08 0.00	126.79 7.85 0.00	136.03 8.35 -4.89	149.58 9.35 -2.70	188.53 12.40 1.00	236.11 14.26 -15.23	201.37 12.70 0.95	181.53 8.86 -29.70	145.73 7.33 -27.32	114.40 5.32 -25.99	98.04 4.67 -11.49	83.37 3.23 -12.75
CH_MIDHUDSON___DRP 24192	79.35 3.25 -7.05	73.86 3.49 -3.25	70.04 3.21 0.00	69.44 2.80 0.00	68.10 2.62 0.00	69.98 3.08 0.00	70.05 3.14 0.00	70.45 3.55 0.00	71.07 3.90 0.00	75.80 4.36 0.00	88.62 5.33 0.00	104.27 6.91 0.00	118.98 8.40 0.00	128.34 9.40 0.00	137.32 9.82 -4.70	159.77 11.00 -11.24	203.79 14.70 -11.95	258.55 16.94 -34.98	235.99 15.17 -31.21	187.26 10.72 -33.57	150.05 8.66 -30.31	118.14 6.31 -28.74	100.63 5.65 -13.10	85.71 4.11 -14.22
CH_MISC_IPPS 23765	79.63 3.66 -6.92	74.13 3.82 -3.19	70.31 3.47 0.00	69.64 3.00 0.00	68.29 2.81 0.00	70.25 3.34 0.00	70.31 3.41 0.00	70.78 3.88 0.00	71.41 4.23 0.00	76.23 4.79 0.00	89.03 5.74 0.00	104.76 7.40 0.00	119.64 9.07 0.00	129.17 10.23 0.00	138.03 10.81 -4.43	159.35 12.24 -9.59	203.37 16.48 -9.76	257.78 19.22 -31.94	233.62 17.25 -26.75	187.60 12.14 -32.49	150.36 9.78 -29.50	118.25 7.06 -28.11	101.05 6.31 -12.86	85.88 4.52 -13.98
CH_RES_BVR_FALLS 23983	68.42 -0.62 0.00	66.65 -0.47 0.00	66.50 -0.33 0.00	66.37 -0.27 0.00	65.22 -0.26 0.00	66.57 -0.33 0.00	66.64 -0.27 0.00	66.57 -0.33 0.00	66.71 -0.47 0.00	70.80 -0.64 0.00	82.54 -0.75 0.00	96.20 -1.16 0.00	109.13 -1.44 0.00	117.27 -1.67 0.00	120.83 -1.97 0.00	135.32 -2.21 0.00	174.30 -2.84 0.00	203.31 -3.31 0.00	186.57 -3.04 0.00	140.67 -2.29 0.00	108.86 -2.22 0.00	81.34 -1.75 0.00	80.49 -1.39 0.00	66.51 -0.88 0.00
CH_RES_NIAGARA 23895	66.08 -2.97 0.00	62.76 -4.36 0.00	60.82 -6.02 0.00	60.11 -6.53 0.00	59.19 -6.29 0.00	61.48 -5.42 0.00	59.94 -6.96 0.00	59.28 -7.63 0.00	60.32 -6.85 0.00	64.72 -6.72 0.00	74.58 -8.66 0.04	86.74 -10.61 0.01	90.65 -13.27 6.65	97.61 -14.27 7.05	104.00 -13.75 5.05	111.19 -14.85 11.48	132.60 -20.55 23.98	157.61 -22.32 26.70	147.51 -21.24 20.86	128.52 -14.44 0.00	101.97 -9.11 0.00	80.33 -5.32 -2.55	75.10 -7.45 -0.67	63.25 -6.33 -2.19
CH_RES_SYRACUSE 23985	68.84 -0.21 0.00	66.45 -0.67 0.00	65.84 -1.00 0.00	65.50 -1.13 0.00	64.30 -1.18 0.00	65.90 -1.00 0.00	65.97 -0.94 0.00	66.30 -0.60 0.00	66.84 -0.33 0.00	71.23 -0.21 0.00	83.12 -0.17 0.00	97.07 -0.29 0.00	110.13 -0.44 0.00	118.47 -0.47 0.00	122.43 -0.37 0.00	137.52 0.00 -2.31	178.92 -0.41 -1.73	207.94 -0.38 -0.72	189.96 0.00 0.00	142.96 0.00 0.00	111.53 0.45 0.00	83.75 0.66 0.00	81.88 0.00 0.00	66.84 -0.54 0.00
CLINTON_WT_PWR 323605	68.64 -0.41 0.00	66.92 -0.20 0.00	66.90 0.07 0.00	66.84 0.20 0.00	65.74 0.26 0.00	66.97 0.07 0.00	67.17 0.27 0.00	67.10 0.20 0.00	66.97 -0.20 0.00	70.59 -0.85 0.00	82.04 -1.25 0.00	95.12 -2.24 0.00	107.92 -2.65 0.00	115.73 -3.21 0.00	118.99 -3.81 0.00	132.85 -4.68 0.00	170.93 -6.20 0.00	199.38 -7.24 0.00	182.80 -6.82 0.00	137.53 -5.43 0.00	105.86 -5.22 0.00	79.35 -3.74 0.00	79.18 -2.70 0.00	65.77 -1.62 0.00
CLINTON___LFGE 323618	69.67 0.62 0.00	67.86 0.74 0.00	67.84 1.00 0.00	67.70 1.06 0.00	66.59 1.11 0.00	67.91 1.01 0.00	68.11 1.21 0.00	68.11 1.21 0.00	67.92 0.74 0.00	71.30 -0.14 0.00	82.79 -0.50 0.00	95.61 -1.75 0.00	108.59 -1.99 0.00	116.44 -2.50 0.00	119.60 -3.19 0.00	133.67 -3.85 0.00	171.99 -5.14 0.00	200.84 -5.78 0.00	184.11 -5.50 0.00	138.38 -4.58 0.00	106.52 -4.56 0.00	80.35 -2.74 0.00	80.32 -1.56 0.00	66.58 -0.81 0.00
COBBLENY_34_KV_TB1 80064	68.43 -0.62 0.00	64.23 -2.89 0.00	63.03 -3.81 0.00	62.24 -4.40 0.00	61.22 -4.26 0.00	62.82 -4.08 0.00	62.35 -4.55 0.00	62.02 -4.88 0.00	63.08 -4.10 0.00	67.73 -3.71 0.00	79.00 -4.25 0.05	90.73 -6.62 0.01	98.47 -5.75 6.36	106.12 -6.07 6.76	112.45 -5.53 4.82	121.03 -5.50 11.00	146.48 -8.68 21.98	173.11 -8.47 25.04	161.11 -8.53 19.97	134.96 -8.01 0.00	107.08 -4.00 0.00	84.59 -1.41 -2.91	78.55 -4.09 -0.76	65.85 -4.04 -2.50
COFFEEN___115KV_TB3 355620	72.91 3.87 0.00	70.48 3.36 0.00	69.71 2.87 0.00	69.37 2.73 0.00	68.49 3.01 0.00	70.18 3.28 0.00	70.58 3.68 0.00	70.18 3.28 0.00	70.00 2.82 0.00	74.23 2.79 0.00	85.87 2.58 0.00	100.18 2.82 0.00	113.01 2.43 0.00	121.20 2.26 0.00	125.38 2.58 0.00	141.37 3.85 0.00	184.63 5.67 -1.83	216.46 8.47 -1.37	200.99 10.81 -0.57	153.11 10.15 0.00	119.08 8.00 0.00	89.15 6.07 0.00	86.47 4.59 0.00	70.49 3.10 0.00
COLDSPRG_115KV_BK1 355956	69.46 0.41 0.00	64.97 -2.15 0.00	63.69 -3.14 0.00	63.04 -3.60 0.00	62.01 -3.47 0.00	63.76 -3.14 0.00	63.83 -3.08 0.00	64.23 -2.68 0.00	65.23 -1.95 0.00	69.80 -1.64 0.00	82.02 -1.25 0.02	93.75 -3.60 0.00	108.18 0.22 2.62	116.40 0.24 2.78	121.67 0.86 1.99	133.39 1.51 5.64	165.98 0.00 11.15	193.89 -1.24 11.49	176.91 -2.28 10.42	138.10 -4.86 0.00	110.08 -1.00 0.00	87.01 0.83 -3.09	80.56 -2.13 -0.81	67.41 -2.63 -2.66
COLONIE_LFGE___ 323577	141.75 3.31 -69.38	104.33 3.35 -33.86	69.98 3.14 0.00	69.64 3.00 0.00	68.36 2.88 0.00	70.05 3.15 0.00	70.05 3.15 0.00	76.39 3.21 -6.27	99.52 3.42 -28.92	102.13 3.71 -26.98	90.62 4.25 -3.09	111.33 5.25 -8.71	125.30 6.08 -8.65	143.19 6.66 -17.59	172.28 6.75 -42.74	238.63 7.56 -93.55	282.70 9.91 -95.65	417.82 11.56 -199.63	433.59 10.61 -233.36	427.13 7.57 -276.59	365.68 6.33 -248.27	245.64 4.82 -157.73	178.67 4.50 -92.29	123.48 3.57 -52.52
COOPERNY_115KV_TB1 80082	76.12 2.00 -5.07	71.47 2.01 -2.34	68.64 1.80 0.00	68.17 1.53 0.00	66.99 1.51 0.00	68.71 1.81 0.00	68.78 1.87 0.00	68.91 2.01 0.00	69.46 2.28 0.00	74.08 2.64 0.00	86.54 3.25 0.00	101.64 4.28 0.00	115.88 5.31 0.00	124.89 5.95 0.00	131.92 6.26 -2.86	147.28 7.01 -2.74	187.49 9.21 -1.14	233.30 10.54 -16.14	206.40 9.48 -7.30	172.42 6.72 -22.74	137.88 5.67 -21.13	107.75 4.07 -20.59	94.98 3.60 -9.50	80.28 2.43 -10.47
COPENHAGEN_WT_PWR 323753	71.95 2.90 0.00	69.60 2.48 0.00	68.91 2.07 0.00	68.63 2.00 0.00	67.71 2.23 0.00	69.31 2.40 0.00	69.65 2.74 0.00	69.31 2.40 0.00	69.19 2.01 0.00	73.44 2.00 0.00	85.04 1.75 0.00	99.21 1.85 0.00	111.91 1.33 0.00	120.13 1.19 0.00	124.28 1.48 0.00	140.00 2.48 0.00	182.78 3.73 -1.92	213.83 5.78 -1.43	197.99 7.78 -0.60	150.39 7.43 0.00	116.96 5.88 0.00	87.66 4.57 0.00	85.32 3.44 0.00	69.61 2.22 0.00
CORNELL_____ 23752	72.90 1.66 -2.19	69.07 0.94 -1.01	67.30 0.47 0.00	66.97 0.33 0.00	66.00 0.52 0.00	67.71 0.80 0.00	67.84 0.94 0.00	67.97 1.07 0.00	68.38 1.21 0.00	72.80 1.36 0.00	84.81 1.50 -0.02	98.73 1.36 -0.01	115.77 1.77 -3.43	124.62 2.02 -3.65	127.73 2.33 -2.60	146.40 3.03 -5.86	194.30 3.72 -13.45	233.60 5.58 -21.40	211.72 5.69 -16.41	155.20 4.57 -7.67	122.84 4.22 -7.54	93.45 3.57 -6.79	88.12 2.46 -3.78	72.14 1.28 -3.48

CORONA__69_KV_TB1 355595	127.45 5.32 -53.09	97.82 5.50 -25.20	72.12 5.28 0.00	71.37 4.73 0.00	70.00 4.52 0.00	71.92 5.02 0.00	71.99 5.08 0.00	92.40 5.49 -20.01	104.30 5.91 -31.21	146.42 6.50 -68.48	130.70 7.83 -39.58	157.33 10.13 -49.85	165.63 12.05 -43.00	235.89 13.44 -103.51	344.26 13.75 -207.71	341.10 15.54 -188.04	396.51 20.37 -199.01	468.96 23.76 -238.58	494.24 21.24 -283.39	338.05 15.30 -179.79	167.21 12.44 -43.69	194.17 8.89 -102.19	131.31 8.43 -41.00	125.61 5.73 -52.49
CORTLAND__115KV_TB3 80093	71.33 2.28 0.00	68.93 1.81 0.00	68.24 1.40 0.00	67.84 1.20 0.00	65.61 0.13 0.00	67.30 0.40 0.00	67.37 0.47 0.00	67.64 0.74 0.00	68.12 0.94 0.00	72.51 1.07 0.00	84.62 1.33 0.00	98.53 1.17 0.00	112.24 1.66 -0.01	120.73 1.78 -0.01	124.89 2.09 -0.01	140.15 2.61 -0.01	181.14 2.66 -1.34	214.36 3.72 -4.02	193.61 3.60 -0.39	145.82 2.86 0.00	113.97 2.89 0.00	88.75 2.58 -3.08	84.32 1.64 -0.80	70.78 0.74 -2.65
COXSACKIE__GT 23611	82.89 2.90 -10.94	73.96 3.89 -2.95	70.18 3.34 0.00	69.57 2.93 0.00	68.29 2.81 0.00	70.05 3.15 0.00	69.98 3.08 0.00	63.65 3.74 7.00	38.74 3.83 32.27	45.19 3.86 30.10	83.93 4.08 3.44	92.02 4.39 9.72	106.23 5.31 9.65	105.49 6.18 19.63	72.10 6.75 57.44	21.76 7.97 123.74	63.07 11.51 125.58	164.30 15.29 57.61	166.18 14.80 38.23	135.92 10.43 17.47	134.10 8.55 -14.46	112.89 6.40 -23.40	118.38 4.42 -32.08	94.57 3.43 -23.75
CPV_VALLEY__CC1 323721	76.80 2.07 -5.68	71.95 2.21 -2.62	68.84 2.00 0.00	68.30 1.67 0.00	67.05 1.57 0.00	68.84 1.94 0.00	68.91 2.01 0.00	69.18 2.28 0.00	69.73 2.55 0.00	74.37 2.93 0.00	86.87 3.58 0.00	102.32 4.96 0.00	116.65 6.08 0.00	125.84 6.90 0.00	134.20 7.12 -4.29	149.93 7.97 -4.43	189.96 10.63 -2.20	237.34 12.19 -18.53	207.34 10.80 -6.92	177.92 7.57 -27.38	142.47 6.33 -25.06	111.60 4.48 -24.03	96.58 4.01 -10.69	81.98 2.70 -11.89
CPV_VALLEY__CC2 323722	76.80 2.07 -5.68	71.95 2.21 -2.62	68.84 2.00 0.00	68.30 1.67 0.00	67.05 1.57 0.00	68.84 1.94 0.00	68.91 2.01 0.00	69.18 2.28 0.00	69.73 2.55 0.00	74.37 2.93 0.00	86.87 3.58 0.00	102.32 4.96 0.00	116.65 6.08 0.00	125.84 6.90 0.00	134.20 7.12 -4.29	149.93 7.97 -4.43	189.96 10.63 -2.20	237.34 12.19 -18.53	207.34 10.80 -6.92	177.92 7.57 -27.38	142.47 6.33 -25.06	111.60 4.48 -24.03	96.58 4.01 -10.69	81.98 2.70 -11.89
CRESCENT__HYD 24018	141.75 3.31 -69.38	104.33 3.35 -33.86	69.98 3.14 0.00	69.64 3.00 0.00	68.36 2.88 0.00	70.05 3.15 0.00	70.05 3.15 0.00	76.39 3.21 -6.27	99.52 3.42 -28.92	102.13 3.71 -26.98	90.62 4.25 -3.09	111.33 5.25 -8.71	125.30 6.08 -8.65	143.19 6.66 -17.59	172.28 6.75 -42.74	238.63 7.56 -93.55	282.70 9.91 -95.65	417.82 11.56 -199.63	433.59 10.61 -233.36	427.13 7.57 -276.59	365.68 6.33 -248.27	245.64 4.82 -157.73	178.67 4.50 -92.29	123.48 3.57 -52.52
CRICKET__VALLEY_CC1 323756	81.50 2.76 -9.69	74.84 3.02 -4.70	69.64 2.81 0.00	69.10 2.47 0.00	67.77 2.29 0.00	69.65 2.74 0.00	69.51 2.61 0.00	70.57 2.87 -0.79	73.98 3.16 -3.65	78.42 3.57 -3.41	88.09 4.41 -0.39	104.40 5.94 -1.10	118.75 7.08 -1.09	129.01 7.85 -2.22	139.01 7.98 -8.23	166.62 8.81 -20.29	210.64 11.69 -21.82	266.54 13.03 -46.90	246.33 11.57 -45.15	194.86 8.14 -43.76	156.08 6.78 -38.22	121.67 4.98 -33.60	102.18 4.75 -15.55	86.65 3.64 -15.63
CRICKET__VALLEY_CC2 323757	81.50 2.76 -9.69	74.84 3.02 -4.70	69.64 2.81 0.00	69.10 2.47 0.00	67.77 2.29 0.00	69.65 2.74 0.00	69.51 2.61 0.00	70.57 2.87 -0.79	73.98 3.16 -3.65	78.42 3.57 -3.41	88.09 4.41 -0.39	104.40 5.94 -1.10	118.75 7.08 -1.09	129.01 7.85 -2.22	139.01 7.98 -8.23	166.62 8.81 -20.29	210.64 11.69 -21.82	266.54 13.03 -46.90	246.33 11.57 -45.15	194.86 8.14 -43.76	156.08 6.78 -38.22	121.67 4.98 -33.60	102.18 4.75 -15.55	86.65 3.64 -15.63
CRICKET__VALLEY_CC3 323758	81.50 2.76 -9.69	74.84 3.02 -4.70	69.64 2.81 0.00	69.10 2.47 0.00	67.77 2.29 0.00	69.65 2.74 0.00	69.51 2.61 0.00	70.57 2.87 -0.79	73.98 3.16 -3.65	78.42 3.57 -3.41	88.09 4.41 -0.39	104.40 5.94 -1.10	118.75 7.08 -1.09	129.01 7.85 -2.22	139.01 7.98 -8.23	166.62 8.81 -20.29	210.64 11.69 -21.82	266.54 13.03 -46.90	246.33 11.57 -45.15	194.86 8.14 -43.76	156.08 6.78 -38.22	121.67 4.98 -33.60	102.18 4.75 -15.55	86.65 3.64 -15.63
CRUCIBLE__METL_DRP 24180	68.84 -0.21 0.00	66.45 -0.67 0.00	65.83 -1.00 0.00	65.50 -1.13 0.00	64.30 -1.18 0.00	65.90 -1.00 0.00	65.97 -0.94 0.00	66.30 -0.60 0.00	66.84 -0.34 0.00	71.23 -0.21 0.00	83.12 -0.17 0.00	97.07 -0.29 0.00	110.13 -0.44 0.00	118.46 -0.48 0.00	122.43 -0.37 0.00	137.52 0.00 0.00	178.92 -0.53 -2.31	207.94 -0.41 -1.73	189.96 -0.38 -0.72	142.96 0.00 0.00	111.52 0.44 0.00	83.75 0.66 0.00	81.80 -0.08 0.00	66.78 -0.61 0.00
DAHOWA__HYDRO 323763	148.51 4.97 -74.48	107.55 4.84 -35.60	71.25 4.41 0.00	70.84 4.20 0.00	69.61 4.13 0.00	71.32 4.41 0.00	71.32 4.41 0.00	75.54 4.41 -4.23	91.36 4.70 -19.49	94.54 4.93 -18.18	90.70 5.34 -2.08	109.47 6.24 -5.87	123.48 7.08 -5.83	138.64 7.85 -11.85	158.89 8.10 -27.99	208.84 9.77 -61.55	252.96 12.76 -63.07	408.48 15.70 -186.16	434.81 14.98 -230.22	436.05 11.16 -281.93	382.07 9.33 -261.66	256.46 7.06 -166.31	191.75 6.39 -103.48	129.96 4.92 -57.66
DANC__LFGE 323619	70.50 1.45 0.00	68.19 1.07 0.00	67.57 0.74 0.00	67.23 0.60 0.00	66.20 0.72 0.00	67.84 0.94 0.00	68.04 1.14 0.00	67.91 1.01 0.00	67.98 0.81 0.00	72.23 0.79 0.00	83.79 0.50 0.00	97.85 0.49 0.00	110.57 0.00 0.00	118.82 -0.12 0.00	122.92 0.12 0.00	138.21 0.69 0.00	180.61 1.07 -2.40	210.70 2.28 -1.80	193.96 3.59 -0.75	146.82 3.86 0.00	114.30 3.22 0.00	85.83 2.74 0.00	83.68 1.80 0.00	68.33 0.94 0.00
DANSKAMMER__1 23586	79.63 3.66 -6.92	74.13 3.82 -3.19	70.31 3.47 0.00	69.64 3.00 0.00	68.29 2.81 0.00	70.25 3.34 0.00	70.31 3.41 0.00	70.78 3.88 0.00	71.41 4.23 0.00	76.23 4.79 0.00	89.03 5.74 0.00	104.76 7.40 0.00	119.64 9.07 0.00	129.17 10.23 0.00	138.03 10.81 -4.43	159.35 12.24 -9.59	203.37 16.48 -9.76	257.78 19.22 -31.94	233.62 17.25 -26.75	187.60 12.14 -32.49	150.36 9.78 -29.50	118.25 7.06 -28.11	101.05 6.31 -12.86	85.88 4.52 -13.98
DANSKAMMER__2 23589	79.63 3.66 -6.92	74.13 3.82 -3.19	70.31 3.47 0.00	69.64 3.00 0.00	68.29 2.81 0.00	70.25 3.34 0.00	70.31 3.41 0.00	70.78 3.88 0.00	71.41 4.23 0.00	76.23 4.79 0.00	89.03 5.74 0.00	104.76 7.40 0.00	119.64 9.07 0.00	129.17 10.23 0.00	138.03 10.81 -4.43	159.35 12.24 -9.59	203.37 16.48 -9.76	257.78 19.22 -31.94	233.62 17.25 -26.75	187.60 12.14 -32.49	150.36 9.78 -29.50	118.25 7.06 -28.11	101.05 6.31 -12.86	85.88 4.52 -13.98
DANSKAMMER__3 23590	79.63 3.66 -6.92	74.13 3.82 -3.19	70.31 3.47 0.00	69.64 3.00 0.00	68.29 2.81 0.00	70.25 3.34 0.00	70.31 3.41 0.00	70.78 3.88 0.00	71.41 4.23 0.00	76.23 4.79 0.00	89.03 5.74 0.00	104.76 7.40 0.00	119.64 9.07 0.00	129.17 10.23 0.00	138.03 10.81 -4.43	159.35 12.24 -9.59	203.37 16.48 -9.76	257.78 19.22 -31.94	233.62 17.25 -26.75	187.60 12.14 -32.49	150.36 9.78 -29.50	118.25 7.06 -28.11	101.05 6.31 -12.86	85.88 4.52 -13.98

DANSKAMMER___4 23591	79.63 3.66 -6.92	74.13 3.82 -3.19	70.31 3.47 0.00	69.64 3.00 0.00	68.29 2.81 0.00	70.25 3.34 0.00	70.31 3.41 0.00	70.78 3.88 0.00	71.41 4.23 0.00	76.23 4.79 0.00	89.03 5.74 0.00	104.76 7.40 0.00	119.64 9.07 0.00	129.17 10.23 0.00	138.03 10.81 -4.43	159.35 12.24 -9.59	203.37 16.48 -9.76	257.78 19.22 -31.94	233.62 17.25 -26.75	187.60 12.14 -32.49	150.36 9.78 -29.50	118.25 7.06 -28.11	101.05 6.31 -12.86	85.88 4.52 -13.98
DANSKAMMER___DIESEL 23592	79.63 3.66 -6.92	74.14 3.83 -3.19	70.31 3.48 0.00	69.64 3.00 0.00	68.30 2.82 0.00	70.25 3.35 0.00	70.31 3.41 0.00	70.78 3.88 0.00	71.41 4.23 0.00	76.23 4.79 0.00	89.12 5.83 0.00	104.76 7.40 0.00	119.64 9.07 0.00	129.17 10.23 0.00	138.03 10.81 -4.43	159.35 12.24 -9.59	203.19 16.30 -9.76	257.78 19.22 -31.94	233.62 17.25 -26.75	187.60 12.15 -32.49	150.36 9.78 -29.50	118.26 7.06 -28.11	100.97 6.22 -12.86	85.88 4.51 -13.98
DARBY___SOLAR 323810	147.50 4.56 -73.90	106.95 4.43 -35.41	70.98 4.15 0.00	70.50 3.86 0.00	69.28 3.80 0.00	70.98 4.08 0.00	70.98 4.08 0.00	75.47 4.08 -4.49	92.23 4.36 -20.69	95.32 4.58 -19.30	90.49 5.00 -2.21	109.44 5.84 -6.24	123.40 6.63 -6.19	138.78 7.26 -12.59	160.28 7.62 -29.87	212.23 9.07 -65.63	256.23 11.87 -67.22	409.07 14.46 -187.98	434.23 13.83 -230.78	434.73 10.30 -281.46	379.91 8.67 -260.16	254.91 6.49 -165.34	190.00 5.97 -102.14	129.08 4.65 -57.04
DASHVILLE___HYD 23610	79.01 2.21 -7.75	73.62 3.36 -3.15	69.78 2.94 0.00	69.24 2.60 0.00	67.90 2.42 0.00	69.65 2.74 0.00	69.65 2.74 0.00	69.01 3.55 1.44	64.37 3.83 6.64	69.54 4.29 6.19	87.83 5.25 0.71	102.08 6.72 2.00	116.77 8.18 1.98	124.18 9.28 4.04	122.60 9.82 10.02	126.83 11.00 21.69	169.77 14.70 22.07	233.63 17.36 -9.65	214.94 15.74 -9.59	172.85 11.01 -18.88	144.06 8.89 -24.09	115.34 6.48 -25.77	103.22 4.59 -16.75	86.53 3.23 -15.91
DELAWARE___LFGE 323621	80.78 2.28 -9.45	73.62 2.15 -4.36	68.77 1.94 0.00	68.50 1.87 0.00	67.38 1.90 0.00	69.11 2.21 0.00	69.11 2.21 0.00	68.98 2.07 0.00	69.46 2.28 0.00	74.01 2.57 0.00	86.37 3.08 0.00	101.16 3.80 0.00	115.23 4.64 -0.01	124.07 5.11 -0.01	128.21 5.40 -0.01	143.45 5.91 -0.02	185.13 7.44 -0.56	238.52 8.88 -23.02	223.19 8.34 -25.23	182.03 6.00 -33.06	148.92 5.33 -32.51	112.51 4.07 -25.35	100.54 3.36 -15.30	81.37 2.36 -11.63
DERFIELD_115KV_TB7 355931	69.53 0.48 0.00	67.59 0.47 0.00	67.24 0.40 0.00	66.97 0.33 0.00	65.81 0.33 0.00	67.37 0.47 0.00	67.37 0.47 0.00	67.30 0.40 0.00	67.65 0.47 0.00	72.01 0.57 0.00	83.96 0.67 0.00	98.24 0.88 0.00	111.57 1.00 0.00	120.01 1.07 0.00	123.90 1.11 0.00	138.76 1.24 0.00	178.73 1.59 0.00	208.48 1.86 0.00	191.32 1.71 0.00	144.25 1.29 0.00	112.19 1.11 0.00	83.92 0.83 0.00	82.62 0.74 0.00	67.86 0.47 0.00
DOGLEVILLE___HYD 23807	69.88 0.83 0.00	67.92 0.81 0.00	67.50 0.67 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.64 0.74 0.00	67.71 0.80 0.00	67.64 0.74 0.00	68.05 0.87 0.00	72.37 0.93 0.00	84.37 1.08 0.00	98.63 1.27 0.00	112.01 1.44 0.00	120.37 1.43 0.00	124.39 1.60 0.00	139.31 1.79 0.00	178.73 1.59 0.00	208.69 2.07 0.00	191.70 2.09 0.00	144.39 1.43 0.00	112.08 1.00 0.00	83.67 0.58 0.00	82.29 0.41 0.00	67.52 0.13 0.00
DUNKIRK___115KV_TB_200 55889	68.84 -0.21 0.00	64.50 -2.62 0.00	63.23 -3.61 0.00	62.57 -4.06 0.00	61.55 -3.93 0.00	63.22 -3.68 0.00	62.96 -3.95 0.00	62.35 -4.55 0.00	63.28 -3.90 0.00	67.80 -3.64 0.00	78.74 -4.50 0.05	90.92 -6.43 0.01	97.05 -5.97 7.55	104.37 -6.54 8.02	111.17 -5.89 5.73	119.01 -5.91 12.60	143.17 -9.03 24.94	169.18 -8.47 28.97	158.12 -8.72 22.77	135.67 -7.29 0.00	108.08 -3.00 0.00	85.41 -0.58 -2.91	79.45 -3.19 -0.76	66.58 -3.30 -2.50
DUNKIRK___1 23563	68.84 -0.21 0.00	64.50 -2.62 0.00	63.23 -3.61 0.00	62.57 -4.06 0.00	61.55 -3.93 0.00	63.22 -3.68 0.00	62.96 -3.95 0.00	62.35 -4.55 0.00	63.28 -3.90 0.00	67.80 -3.64 0.00	78.74 -4.50 0.05	90.92 -6.43 0.01	97.05 -5.97 7.55	104.37 -6.54 8.02	111.17 -5.89 5.73	119.01 -5.91 12.60	143.17 -9.03 24.94	169.18 -8.47 28.97	158.12 -8.72 22.77	135.67 -7.29 0.00	108.08 -3.00 0.00	85.41 -0.58 -2.91	79.45 -3.19 -0.76	66.58 -3.30 -2.50
DUNKIRK___2 23564	68.84 -0.21 0.00	64.50 -2.62 0.00	63.23 -3.61 0.00	62.57 -4.06 0.00	61.55 -3.93 0.00	63.22 -3.68 0.00	62.96 -3.95 0.00	62.35 -4.55 0.00	63.28 -3.90 0.00	67.80 -3.64 0.00	78.74 -4.50 0.05	90.92 -6.43 0.01	97.05 -5.97 7.55	104.37 -6.54 8.02	111.17 -5.89 5.73	119.01 -5.91 12.60	143.17 -9.03 24.94	169.18 -8.47 28.97	158.12 -8.72 22.77	135.67 -7.29 0.00	108.08 -3.00 0.00	85.41 -0.58 -2.91	79.45 -3.19 -0.76	66.58 -3.30 -2.50
DUNKIRK___3 23565	68.56 -0.48 0.00	64.23 -2.89 0.00	63.03 -3.81 0.00	62.37 -4.26 0.00	61.35 -4.13 0.00	62.96 -3.95 0.00	62.62 -4.28 0.00	62.09 -4.82 0.00	63.08 -4.10 0.00	67.58 -3.86 0.00	78.65 -4.58 0.06	90.63 -6.72 0.01	96.24 -6.19 8.14	103.64 -6.66 8.64	110.48 -6.14 6.18	117.52 -6.19 13.81	140.45 -9.39 27.30	165.58 -9.09 31.95	155.44 -9.29 24.89	135.10 -7.86 0.00	107.41 -3.67 0.00	84.82 -1.16 -2.89	78.87 -3.77 -0.75	66.16 -3.71 -2.48
DUNKIRK___4 23566	68.56 -0.48 0.00	64.23 -2.89 0.00	63.03 -3.81 0.00	62.37 -4.26 0.00	61.35 -4.13 0.00	62.96 -3.95 0.00	62.62 -4.28 0.00	62.09 -4.82 0.00	63.08 -4.10 0.00	67.58 -3.86 0.00	78.65 -4.58 0.06	90.63 -6.72 0.01	96.24 -6.19 8.14	103.64 -6.66 8.64	110.48 -6.14 6.18	117.52 -6.19 13.81	140.45 -9.39 27.30	165.58 -9.09 31.95	155.44 -9.29 24.89	135.10 -7.86 0.00	107.41 -3.67 0.00	84.82 -1.16 -2.89	78.87 -3.77 -0.75	66.16 -3.71 -2.48
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	80.12 3.66 -7.41	74.54 3.89 -3.53	70.45 3.61 0.00	69.70 3.07 0.00	68.43 2.95 0.00	70.31 3.41 0.00	70.45 3.55 0.00	71.30 4.01 -0.38	73.44 4.50 -1.77	78.09 5.00 -1.65	89.73 6.25 -0.19	106.27 8.37 -0.53	121.17 10.06 -0.53	131.31 11.30 -1.08	140.52 11.79 -5.93	185.07 13.34 -34.21	239.66 17.54 -44.99	302.79 20.04 -76.12	308.52 17.82 -101.08	192.27 12.87 -36.44	151.62 10.22 -30.32	118.67 7.15 -28.44	101.18 6.47 -12.83	85.68 4.38 -13.91
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	78.98 3.18 -6.76	73.59 3.36 -3.12	69.91 3.07 0.00	69.24 2.60 0.00	67.97 2.49 0.00	69.85 2.94 0.00	69.91 3.01 0.00	70.31 3.41 0.00	70.94 3.76 0.00	75.73 4.29 0.00	88.54 5.25 0.00	104.08 6.72 0.00	118.76 8.18 0.00	128.22 9.28 0.00	136.44 9.82 -3.82	155.04 11.14 -6.38	197.61 14.88 -5.59	250.40 17.36 -26.42	223.97 15.55 -18.81	184.42 10.87 -30.59	148.13 8.89 -28.16	116.54 6.40 -27.05	100.08 5.65 -12.55	84.98 3.98 -13.62
E179THST_138_KV_TB4_REV_LBMP_J 345001	79.57 3.11 -7.42	74.15 3.49 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	71.04 3.75 -0.39	73.17 4.23 -1.76	77.74 4.64 -1.66	89.23 5.75 -0.20	105.79 7.89 -0.54	120.62 9.51 -0.54	130.85 10.82 -1.08	139.91 11.17 -5.94	184.49 12.79 -34.18	238.89 16.83 -44.92	301.88 19.22 -76.04	307.25 16.69 -100.95	191.55 12.15 -36.43	151.08 9.66 -30.33	118.26 6.73 -28.45	100.86 6.14 -12.84	85.28 3.98 -13.92

E179THST_13_KV_LOAD 356214	80.06 3.59 -7.42	74.62 3.96 -3.54	70.45 3.61 -0.01	69.63 3.00 0.01	68.37 2.88 -0.01	70.24 3.35 0.01	70.44 3.55 0.01	71.51 4.21 -0.39	73.64 4.70 -1.76	78.24 5.14 -1.66	89.90 6.41 -0.20	106.57 8.67 -0.54	121.51 10.39 -0.54	131.92 11.89 -1.08	141.02 12.28 -5.94	185.59 13.89 -34.18	240.48 18.42 -44.92	303.74 21.08 -76.04	308.96 18.39 -100.95	192.84 13.44 -36.43	152.08 10.66 -30.33	119.10 7.56 -28.45	101.52 6.80 -12.84	85.75 4.45 -13.92
EAST HAMPTON___GT 23717	130.35 8.21 -53.09	100.23 7.92 -25.20	74.00 7.15 -0.01	73.04 6.40 -0.01	71.45 5.96 -0.01	73.60 6.69 -0.01	73.54 6.62 -0.01	94.60 7.69 -20.01	107.26 8.87 -31.21	149.80 10.08 -68.29	134.86 15.09 -39.58	138.76 18.76 -26.31	149.05 17.24 -21.23	176.62 18.55 -39.14	216.00 19.15 -74.05	260.44 18.29 -104.63	284.11 24.27 -82.71	323.68 29.14 -87.92	353.83 26.35 -137.87	264.21 18.87 -102.38	270.07 14.00 -145.00	178.60 11.79 -83.72	136.29 10.98 -43.43	128.51 8.63 -52.49
EAST RIVER___6 23660	79.91 3.45 -7.41	74.47 3.82 -3.53	70.31 3.47 0.00	69.50 2.86 0.00	68.23 2.75 0.00	70.11 3.21 0.00	70.31 3.41 0.00	71.30 4.01 -0.38	73.51 4.57 -1.77	78.16 5.07 -1.65	89.73 6.25 -0.19	106.56 8.66 -0.53	121.39 10.29 -0.53	131.79 11.78 -1.08	140.89 12.16 -5.93	185.48 13.75 -34.20	240.17 18.08 -44.96	303.18 20.46 -76.10	307.96 18.02 -100.32	192.52 13.14 -36.41	151.74 10.33 -30.32	118.84 7.31 -28.44	101.43 6.72 -12.83	85.62 4.32 -13.91
EAST RIVER___7 23524	79.91 3.45 -7.41	74.47 3.82 -3.53	70.31 3.47 0.00	69.50 2.86 0.00	68.23 2.75 0.00	70.11 3.21 0.00	70.31 3.41 0.00	71.30 4.01 -0.38	73.51 4.57 -1.77	78.16 5.07 -1.65	89.73 6.25 -0.19	106.56 8.66 -0.53	121.39 10.29 -0.53	131.79 11.78 -1.08	140.89 12.16 -5.93	185.48 13.75 -34.20	240.17 18.08 -44.96	303.18 20.46 -76.10	307.96 18.02 -100.32	192.52 13.14 -36.41	151.74 10.33 -30.32	118.84 7.31 -28.44	101.43 6.72 -12.83	85.62 4.32 -13.91
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	79.90 3.45 -7.40	74.34 3.69 -3.53	70.24 3.41 0.00	69.57 2.93 0.00	68.23 2.75 0.00	70.11 3.21 0.00	70.25 3.35 0.00	71.03 3.75 -0.38	73.17 4.23 -1.76	77.80 4.72 -1.65	89.31 5.83 -0.19	105.78 7.89 -0.53	120.61 9.51 -0.53	130.60 10.59 -1.07	139.77 11.05 -5.92	185.27 12.51 -35.23	240.29 16.65 -46.50	303.73 19.01 -78.09	310.28 16.88 -103.79	191.45 12.01 -36.48	151.03 9.66 -30.28	118.22 6.73 -28.40	100.84 6.14 -12.81	85.46 4.18 -13.90
EAST_HAMPTON___DIESEL 23722	130.21 8.07 -53.09	100.10 7.78 -25.20	73.86 7.02 -0.01	72.98 6.33 -0.01	71.31 5.83 -0.01	73.47 6.56 -0.01	73.40 6.49 -0.01	94.47 7.56 -20.01	107.19 8.80 -31.21	149.73 10.00 -68.29	134.69 14.99 -39.58	138.66 18.31 -26.31	148.83 17.02 -21.23	176.39 18.31 -39.14	215.75 18.90 -74.05	260.16 18.01 -104.63	283.75 23.90 -82.71	323.25 28.71 -87.92	353.46 25.98 -137.87	263.92 18.58 -102.38	269.85 13.77 -145.00	178.44 11.63 -83.72	136.12 10.81 -43.43	128.37 8.49 -52.49
EAST_POINT___SOLAR 323840	145.68 6.90 -69.72	106.30 6.44 -32.74	72.78 5.95 0.00	72.30 5.66 0.00	71.17 5.69 0.00	73.05 6.15 0.00	72.52 5.62 0.00	73.46 4.55 -2.00	80.64 4.23 -9.23	83.83 3.78 -8.61	88.27 4.00 -0.98	104.33 4.18 -2.78	117.98 4.64 -2.76	128.71 4.16 -5.61	139.83 4.67 -12.37	172.27 7.28 -27.46	214.77 9.38 -28.25	372.68 13.03 -153.04	403.60 14.40 -199.58	409.25 13.86 -252.43	364.93 12.55 -241.30	246.81 9.63 -154.09	191.13 8.77 -100.48	129.40 6.47 -55.55
EAST_PULASKI___ESR 323781	68.98 -0.07 0.00	66.72 -0.40 0.00	66.10 -0.73 0.00	65.84 -0.80 0.00	64.76 -0.72 0.00	66.30 -0.60 0.00	66.44 -0.47 0.00	66.44 -0.47 0.00	66.71 -0.47 0.00	71.01 -0.43 0.00	82.62 -0.67 0.00	96.48 -0.88 0.00	109.25 -1.32 0.00	117.52 -1.42 0.00	121.45 -1.35 0.00	136.42 -1.10 0.00	179.25 -1.42 -3.54	208.04 -1.23 -2.65	190.34 -0.38 -1.11	143.54 0.57 0.00	111.86 0.78 0.00	84.00 0.92 0.00	82.05 0.16 0.00	66.98 -0.40 0.00
EAST_RIVER___1 323558	79.98 3.52 -7.41	74.47 3.82 -3.53	70.38 3.54 0.00	69.57 2.93 0.00	68.29 2.81 0.00	70.18 3.28 0.00	70.38 3.48 0.00	71.37 4.08 -0.38	73.58 4.63 -1.77	78.24 5.15 -1.65	89.81 6.33 -0.19	106.56 8.66 -0.53	121.49 10.39 -0.53	131.79 11.78 -1.08	141.01 12.28 -5.93	185.61 13.88 -34.21	240.35 18.25 -44.97	303.58 20.86 -76.10	308.33 18.39 -100.33	192.67 13.30 -36.41	151.84 10.44 -30.32	118.84 7.31 -28.44	101.34 6.63 -12.83	85.62 4.32 -13.91
EAST_RIVER___2 323559	79.91 3.45 -7.41	74.47 3.82 -3.53	70.31 3.47 0.00	69.50 2.86 0.00	68.23 2.75 0.00	70.11 3.21 0.00	70.31 3.41 0.00	71.30 4.01 -0.38	73.51 4.57 -1.77	78.16 5.07 -1.65	89.73 6.25 -0.19	106.56 8.66 -0.53	121.39 10.29 -0.53	131.79 11.78 -1.08	140.89 12.16 -5.93	185.48 13.75 -34.20	240.17 18.08 -44.96	303.18 20.46 -76.10	307.96 18.02 -100.32	192.52 13.14 -36.41	151.74 10.33 -30.32	118.84 7.31 -28.44	101.43 6.72 -12.83	85.62 4.32 -13.91
EAST___DELAWARE_HYD 23607	79.74 3.52 -7.17	74.05 3.62 -3.31	70.04 3.21 0.00	69.43 2.80 0.00	68.17 2.69 0.00	70.05 3.15 0.00	70.18 3.28 0.00	70.51 3.61 0.00	71.14 3.96 0.00	75.87 4.43 0.00	88.54 5.25 0.00	104.07 6.71 0.00	118.87 8.30 0.00	128.46 9.52 0.00	132.98 10.19 0.00	147.36 11.55 1.71	190.17 15.59 2.56	244.34 18.60 -19.11	219.99 17.07 -13.30	180.02 12.14 -24.91	145.53 9.78 -24.67	114.64 7.06 -24.49	101.00 6.14 -12.98	85.04 4.32 -13.33
EIGHT_POINT___WT_PWR 323820	71.07 0.28 -1.75	66.38 -1.54 -0.81	64.36 -2.47 0.00	63.77 -2.86 0.00	62.79 -2.69 0.00	64.63 -2.27 0.00	64.43 -2.47 0.00	64.16 -2.75 0.00	64.55 -2.62 0.00	68.73 -2.71 0.00	78.98 -4.50 -0.19	91.46 -5.94 -0.04	134.37 -6.08 -29.87	143.76 -7.02 -31.84	138.70 -6.75 -22.65	181.92 -7.16 -51.55	274.79 -9.03 -106.68	329.14 -9.09 -131.61	276.42 -7.96 -94.77	142.94 -6.14 -6.12	114.66 -2.44 -6.02	88.58 -0.25 -5.74	83.11 -1.88 -3.11	68.08 -2.36 -3.05
ELBRIDGE_115KV_TB2 80188	68.77 -0.28 0.00	66.31 -0.81 0.00	65.70 -1.14 0.00	65.37 -1.27 0.00	64.24 -1.24 0.00	65.83 -1.07 0.00	65.83 -1.07 0.00	65.97 -0.94 0.00	66.50 -0.67 0.00	70.87 -0.57 0.00	82.62 -0.67 0.00	96.48 -0.88 0.00	109.47 -1.11 0.00	117.75 -1.19 0.00	121.69 -1.11 0.00	136.70 -0.83 0.00	178.16 -1.42 -2.44	207.21 -1.24 -1.83	189.24 -1.14 -0.76	142.53 -0.43 0.00	111.30 0.22 0.00	83.59 0.50 0.00	81.55 -0.33 0.00	66.64 -0.74 0.00
ELEC_TRO_TEK 24086	126.76 4.63 -53.09	97.15 4.83 -25.20	71.45 4.61 0.00	70.70 4.06 0.00	69.41 3.93 0.00	71.32 4.42 0.00	71.45 4.55 0.00	91.86 4.95 -20.01	103.76 5.37 -31.21	145.28 5.86 -67.98	129.86 7.00 -39.58	141.90 9.15 -35.39	147.24 10.84 -25.83	188.62 12.01 -57.67	249.68 12.53 -114.36	268.64 14.16 -116.95	323.34 18.60 -127.61	378.96 21.49 -150.84	398.23 19.15 -189.46	277.72 13.72 -121.03	158.31 11.11 -36.12	161.21 7.89 -70.23	130.33 7.45 -41.00	125.14 5.26 -52.49
ELLENBURG_WT_PWR 323604	68.64 -0.41 0.00	66.92 -0.20 0.00	66.90 0.07 0.00	66.84 0.20 0.00	65.74 0.26 0.00	66.97 0.07 0.00	67.17 0.27 0.00	67.10 0.20 0.00	66.97 -0.20 0.00	70.59 -0.85 0.00	82.04 -1.25 0.00	95.12 -2.24 0.00	107.92 -2.65 0.00	115.73 -3.21 0.00	118.99 -3.81 0.00	132.85 -4.68 0.00	170.93 -6.20 0.00	199.38 -7.24 0.00	182.80 -6.82 0.00	137.53 -5.43 0.00	105.86 -5.22 0.00	79.35 -3.74 0.00	79.18 -2.70 0.00	65.77 -1.62 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	68.01 -1.04 0.00	63.83 -3.29 0.00	62.63 -4.21 0.00	61.84 -4.80 0.00	60.90 -4.58 0.00	62.49 -4.42 0.00	61.89 -5.02 0.00	61.35 -5.55 0.00	62.41 -4.77 0.00	66.94 -4.50 0.00	77.73 -5.50 0.06	89.75 -7.59 0.01	93.76 -8.07 8.74	101.00 -8.68 9.26	108.06 -8.10 6.64	114.10 -8.39 15.04	135.79 -12.40 28.94	158.46 -12.81 35.36	149.90 -12.51 27.20	133.24 -9.72 0.00	105.75 -5.33 0.00	83.41 -2.41 -2.73	77.76 -4.83 -0.71	65.28 -4.45 -2.34
EMPIRE_CC_1 323656	103.39 2.14 -32.20	86.29 2.35 -16.83	69.04 2.20 0.00	68.70 2.07 0.00	67.44 1.96 0.00	69.11 2.20 0.00	69.11 2.20 0.00	75.83 2.28 -6.65	100.17 2.35 -30.65	102.60 2.57 -28.59	89.55 2.99 -3.27	110.39 3.79 -9.24	124.05 4.31 -9.16	142.35 4.76 -18.64	161.49 4.55 -34.15	217.71 4.94 -75.24	260.86 6.56 -77.16	329.79 7.03 -116.14	313.35 6.45 -117.29	275.16 4.44 -127.76	221.60 3.89 -106.63	160.16 2.91 -74.16	122.40 2.86 -37.65	96.91 2.49 -27.03
EMPIRE_CC_2 323658	103.39 2.14 -32.20	86.29 2.35 -16.83	69.04 2.20 0.00	68.70 2.07 0.00	67.44 1.96 0.00	69.11 2.20 0.00	69.11 2.20 0.00	75.83 2.28 -6.65	100.17 2.35 -30.65	102.60 2.57 -28.59	89.55 2.99 -3.27	110.39 3.79 -9.24	124.05 4.31 -9.16	142.35 4.76 -18.64	161.49 4.55 -34.15	217.71 4.94 -75.24	260.86 6.56 -77.16	329.79 7.03 -116.14	313.35 6.45 -117.29	275.16 4.44 -127.76	221.60 3.89 -106.63	160.16 2.91 -74.16	122.40 2.86 -37.65	96.91 2.49 -27.03
ENORWICH_115KV_TB1 80156	79.35 5.87 -4.43	73.99 4.83 -2.04	70.78 3.94 0.00	70.37 3.73 0.00	69.54 4.06 0.00	71.45 4.55 0.00	71.92 5.02 0.00	71.85 4.95 0.00	72.28 5.11 0.00	76.87 5.43 0.00	89.21 5.91 -0.01	104.08 6.72 0.00	120.10 8.07 -1.45	129.41 8.92 -1.55	133.60 9.70 -1.10	151.68 11.69 -2.47	197.99 14.70 -6.15	243.84 19.01 -18.21	225.67 19.72 -16.34	173.76 15.30 -15.50	138.65 12.33 -15.24	105.14 9.31 -12.75	96.57 7.29 -7.40	78.57 4.99 -6.19
ERIE_ST__34_KV_TB1-2 80199	68.36 -0.69 0.00	64.03 -3.09 0.00	62.89 -3.94 0.00	62.11 -4.53 0.00	61.16 -4.32 0.00	62.69 -4.21 0.00	62.29 -4.62 0.00	62.09 -4.82 0.00	63.15 -4.03 0.00	67.87 -3.57 0.00	79.83 -3.41 0.05	90.92 -6.43 0.01	101.73 -3.43 5.42	109.55 -3.57 5.82	115.74 -2.95 4.11	125.80 -2.61 9.11	151.17 -5.31 20.65	182.52 -4.55 19.56	168.49 -5.12 16.01	135.39 -7.58 0.00	107.30 -3.78 0.00	84.60 -1.33 -2.84	78.53 -4.09 -0.74	65.72 -4.11 -2.44
ERIE_WT_PWR 323693	68.29 -0.76 0.00	64.17 -2.95 0.00	62.76 -4.08 0.00	62.04 -4.60 0.00	61.16 -4.32 0.00	62.75 -4.15 0.00	62.15 -4.75 0.00	61.75 -5.15 0.00	62.74 -4.44 0.00	67.37 -4.07 0.00	77.49 -5.75 0.06	90.14 -7.20 0.01	95.69 -6.86 8.03	103.03 -7.37 8.54	109.83 -6.87 6.09	116.88 -6.87 13.77	139.51 -10.09 27.53	164.85 -10.12 31.65	154.76 -10.24 24.61	133.96 -9.00 0.00	106.42 -4.66 0.00	83.90 -1.99 -2.80	78.68 -3.93 -0.73	65.61 -4.18 -2.41
ESPRGFLD_115KV_TB1 80157	123.78 4.76 -49.96	94.87 4.30 -23.45	70.71 3.88 0.00	70.37 3.73 0.00	69.28 3.80 0.00	71.18 4.28 0.00	71.18 4.28 0.00	72.26 3.95 -1.41	77.71 4.03 -6.50	81.72 4.21 -6.07	88.81 4.83 -0.69	104.87 5.55 -1.96	119.15 6.63 -1.94	129.91 7.02 -3.96	139.31 7.61 -8.90	166.01 9.21 -19.27	208.08 11.34 -19.61	331.25 14.26 -110.37	345.64 14.41 -141.61	335.47 11.44 -181.07	293.87 9.66 -173.12	202.43 7.31 -112.03	160.62 6.30 -72.44	113.00 4.51 -41.10
ETNA_115_KV_TB1_REV_LBMP_C 345029	72.84 1.59 -2.21	69.01 0.87 -1.02	67.24 0.40 0.00	66.90 0.27 0.00	65.94 0.46 0.00	67.64 0.74 0.00	67.71 0.80 0.00	67.84 0.94 0.00	68.25 1.07 0.00	72.65 1.21 0.00	84.64 1.33 -0.02	98.63 1.27 0.00	114.61 1.66 -2.38	123.38 1.90 -2.54	126.81 2.21 -1.80	144.32 2.75 -4.05	190.43 3.54 -9.75	228.82 5.17 -17.03	208.43 5.50 -13.31	154.97 4.29 -7.72	122.67 4.00 -7.59	93.30 3.41 -6.81	87.98 2.29 -3.80	72.07 1.21 -3.48
ETNA____115KV_TB2 80207	72.84 1.59 -2.21	69.01 0.87 -1.02	67.24 0.40 0.00	66.90 0.27 0.00	65.94 0.46 0.00	67.64 0.74 0.00	67.71 0.80 0.00	67.84 0.94 0.00	68.25 1.07 0.00	72.65 1.21 0.00	84.64 1.33 -0.02	98.63 1.27 0.00	114.61 1.66 -2.38	123.38 1.90 -2.54	126.81 2.21 -1.80	144.32 2.75 -4.05	190.43 3.54 -9.75	228.82 5.17 -17.03	208.43 5.50 -13.31	154.97 4.29 -7.72	122.67 4.00 -7.59	93.30 3.41 -6.81	87.98 2.29 -3.80	72.07 1.21 -3.48
EUCLID___115KV_TB2 356179	68.36 -0.69 0.00	66.05 -1.07 0.00	65.43 -1.40 0.00	65.10 -1.53 0.00	63.97 -1.51 0.00	65.56 -1.34 0.00	65.56 -1.34 0.00	65.56 -1.34 0.00	66.10 -1.07 0.00	70.51 -0.93 0.00	82.21 -1.08 0.00	96.00 -1.36 0.00	108.92 -1.66 0.00	117.16 -1.78 0.00	121.08 -1.72 0.00	135.87 -1.65 0.00	176.09 -2.13 -1.08	205.16 -2.27 -0.81	187.87 -2.09 -0.34	141.82 -1.14 0.00	110.64 -0.44 0.00	83.09 0.00 0.00	81.14 -0.74 0.00	66.37 -1.01 0.00
E_CANADA_CAP_HY 24051	140.00 6.14 -64.81	103.25 5.70 -30.43	72.12 5.28 0.00	71.70 5.06 0.00	70.59 5.11 0.00	72.39 5.49 0.00	72.26 5.35 0.00	73.64 4.88 -1.86	80.57 4.84 -8.55	84.13 4.71 -7.98	89.37 5.17 -0.91	105.68 5.74 -2.58	119.88 6.75 -2.56	131.04 6.90 -5.20	141.92 7.62 -11.51	172.21 9.77 -24.92	214.18 11.69 -25.36	363.57 15.50 -141.44	388.83 15.73 -183.48	390.72 13.14 -234.61	346.52 11.11 -224.33	235.27 8.56 -143.62	183.32 7.94 -93.50	125.20 5.86 -51.95
E_CANADA_MHWK_HY 24050	69.88 0.83 0.00	67.93 0.81 0.00	67.50 0.67 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.64 0.74 0.00	67.71 0.81 0.00	67.64 0.74 0.00	68.05 0.87 0.00	72.37 0.93 0.00	84.37 1.08 0.00	98.62 1.26 0.00	112.01 1.43 0.00	120.37 1.43 0.00	124.39 1.59 0.00	139.31 1.78 0.00	178.73 1.59 0.00	208.69 2.07 0.00	191.70 2.09 0.00	144.39 1.43 0.00	112.08 1.00 0.00	83.67 0.59 0.00	82.29 0.41 0.00	67.52 0.14 0.00
E_FISHKILL___LBMP 23776	79.54 2.90 -7.59	73.89 3.15 -3.62	69.71 2.87 0.00	69.17 2.53 0.00	67.84 2.36 0.00	69.71 2.81 0.00	69.71 2.81 0.00	70.45 3.14 -0.40	72.51 3.49 -1.84	77.08 3.93 -1.71	88.32 4.83 -0.20	104.34 6.43 -0.55	118.86 7.74 -0.55	128.74 8.68 -1.12	137.78 8.84 -6.15	163.63 9.90 -16.20	208.10 13.11 -17.86	262.25 14.67 -40.96	242.12 13.27 -39.23	187.65 9.29 -35.40	149.86 7.66 -31.11	117.75 5.48 -29.18	100.10 5.08 -13.14	85.29 3.64 -14.27
FALCON___SEABRD_CC1 323796	69.53 0.49 0.00	67.65 0.53 0.00	67.64 0.80 0.00	67.64 1.00 0.00	66.46 0.98 0.00	67.77 0.87 0.00	67.97 1.07 0.00	67.97 1.07 0.00	67.78 0.60 0.00	70.87 -0.57 0.00	82.21 -1.09 0.00	95.02 -2.34 0.00	107.92 -2.65 0.00	115.73 -3.21 0.00	118.86 -3.93 0.00	132.85 -4.68 0.00	170.93 -6.20 0.00	199.38 -7.24 0.00	182.80 -6.82 0.00	137.38 -5.58 0.00	105.75 -5.33 0.00	79.76 -3.33 0.00	80.08 -1.80 0.00	66.44 -0.94 0.00
FALCON___SEABRD_CC2 323797	69.53 0.49 0.00	67.65 0.53 0.00	67.64 0.80 0.00	67.64 1.00 0.00	66.46 0.98 0.00	67.77 0.87 0.00	67.97 1.07 0.00	67.97 1.07 0.00	67.78 0.60 0.00	70.87 -0.57 0.00	82.21 -1.09 0.00	95.02 -2.34 0.00	107.92 -2.65 0.00	115.73 -3.21 0.00	118.86 -3.93 0.00	132.85 -4.68 0.00	170.93 -6.20 0.00	199.38 -7.24 0.00	182.80 -6.82 0.00	137.38 -5.58 0.00	105.75 -5.33 0.00	79.76 -3.33 0.00	80.08 -1.80 0.00	66.44 -0.94 0.00

FAR ROCKAWAY___4 23548	128.35 6.21 -53.09	98.69 6.38 -25.20	72.85 6.02 0.00	72.10 5.46 0.00	70.72 5.24 0.00	72.66 5.75 0.00	72.72 5.82 0.00	93.20 6.29 -20.01	105.11 6.72 -31.21	147.38 7.43 -68.51	131.86 9.00 -39.58	160.39 11.59 -51.44	169.29 13.82 -44.90	242.52 14.99 -108.59	355.51 14.61 -218.10	349.93 16.50 -195.91	405.82 21.79 -206.89	477.88 25.62 -245.63	503.69 22.94 -291.13	345.69 16.44 -186.28	169.54 14.00 -44.46	198.78 9.97 -105.72	132.46 9.58 -41.00	126.69 6.81 -52.49
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	79.91 3.45 -7.41	74.48 3.83 -3.53	70.31 3.48 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.18 3.28 0.00	70.38 3.48 0.00	71.37 4.08 -0.38	73.58 4.64 -1.77	78.23 5.14 -1.65	89.81 6.33 -0.19	106.56 8.67 -0.53	121.50 10.39 -0.53	131.79 11.78 -1.08	141.01 12.28 -5.93	185.61 13.89 -34.20	240.34 18.25 -44.96	303.37 20.66 -76.09	308.32 18.39 -100.31	192.67 13.30 -36.41	151.85 10.44 -30.32	118.84 7.31 -28.44	101.34 6.63 -12.83	85.61 4.31 -13.91
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	79.98 3.52 -7.41	74.48 3.83 -3.53	70.38 3.54 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.18 3.28 0.00	70.38 3.48 0.00	71.37 4.08 -0.38	73.58 4.64 -1.77	78.23 5.14 -1.65	89.81 6.33 -0.19	106.56 8.67 -0.53	121.50 10.39 -0.53	131.79 11.78 -1.08	141.01 12.28 -5.93	185.61 13.89 -34.20	240.34 18.25 -44.96	303.37 20.66 -76.09	308.32 18.39 -100.31	192.67 13.30 -36.41	151.96 10.55 -30.32	118.92 7.39 -28.44	101.42 6.71 -12.83	85.61 4.31 -13.91
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	79.84 3.38 -7.41	74.41 3.76 -3.53	70.31 3.48 0.00	69.50 2.87 0.00	68.23 2.75 0.00	70.11 3.21 0.00	70.38 3.48 0.00	71.30 4.01 -0.38	73.51 4.57 -1.77	78.16 5.07 -1.65	89.73 6.25 -0.19	106.46 8.57 -0.53	121.39 10.28 -0.53	131.67 11.66 -1.08	140.89 12.16 -5.93	185.48 13.75 -34.20	239.98 17.89 -44.96	303.17 20.46 -76.09	307.94 18.01 -100.31	192.39 13.01 -36.41	151.73 10.33 -30.32	118.75 7.23 -28.44	101.26 6.55 -12.83	85.54 4.25 -13.91
FARRAGUT___LBMP 323566	79.77 3.31 -7.41	74.34 3.69 -3.53	70.24 3.41 0.00	69.44 2.80 0.00	68.16 2.68 0.00	70.05 3.14 0.00	70.25 3.35 0.00	71.23 3.95 -0.38	73.44 4.50 -1.77	78.09 5.00 -1.65	89.64 6.16 -0.19	106.27 8.37 -0.53	121.17 10.06 -0.53	131.43 11.42 -1.08	140.64 11.91 -5.93	185.20 13.48 -34.20	239.81 17.71 -44.96	302.75 20.04 -76.09	307.75 17.82 -100.31	192.24 12.87 -36.41	151.62 10.22 -30.32	118.67 7.15 -28.44	101.18 6.47 -12.83	85.48 4.18 -13.91
FENNER___WINDPWR 24204	71.60 2.56 0.00	69.27 2.15 0.00	68.64 1.81 0.00	68.30 1.67 0.00	66.66 1.18 0.00	68.31 1.41 0.00	68.44 1.54 0.00	68.51 1.60 0.00	68.92 1.74 0.00	73.37 1.93 0.00	85.37 2.08 0.00	99.21 1.85 0.00	112.67 2.10 0.00	121.32 2.38 0.00	125.50 2.70 0.00	140.96 3.44 0.00	182.35 4.24 -0.97	212.71 5.36 -0.73	195.42 5.50 -0.30	147.40 4.44 0.00	114.74 3.66 0.00	86.50 3.41 0.00	84.50 2.62 0.00	69.00 1.61 0.00
FIBERTEK___ENERGY 23856	68.84 -0.21 0.00	66.45 -0.67 0.00	65.83 -1.00 0.00	65.50 -1.13 0.00	64.30 -1.18 0.00	65.90 -1.00 0.00	65.97 -0.94 0.00	66.30 -0.60 0.00	66.84 -0.34 0.00	71.23 -0.21 0.00	83.12 -0.17 0.00	97.07 -0.29 0.00	110.13 -0.44 0.00	118.46 -0.48 0.00	122.43 -0.37 0.00	137.52 0.00 0.00	178.92 -0.53 -2.31	207.94 -0.41 -1.73	189.96 -0.38 -0.72	142.96 0.00 0.00	111.52 0.44 0.00	83.75 0.66 0.00	81.80 -0.08 0.00	66.78 -0.61 0.00
FITZPATRICK___ 23598	67.25 -1.80 0.00	65.04 -2.08 0.00	64.56 -2.27 0.00	64.30 -2.33 0.00	63.19 -2.29 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	64.70 -2.21 0.00	65.09 -2.08 0.00	69.37 -2.07 0.00	80.79 -2.50 0.00	94.44 -2.92 0.00	107.03 -3.54 0.00	115.13 -3.81 0.00	118.99 -3.81 0.00	133.40 -4.12 0.00	158.83 -5.31 13.00	190.70 -6.19 9.73	180.05 -5.50 4.06	139.11 -3.85 0.00	108.41 -2.67 0.00	81.43 -1.66 0.00	79.75 -2.13 0.00	65.37 -2.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	79.69 3.73 -6.91	74.27 3.96 -3.19	70.45 3.61 0.00	69.77 3.13 0.00	68.43 2.95 0.00	70.38 3.48 0.00	70.45 3.55 0.00	70.85 3.95 0.00	71.54 4.37 0.00	76.37 4.93 0.00	89.29 6.00 0.00	104.95 7.59 0.00	119.86 9.29 0.00	129.41 10.47 0.00	138.64 11.17 -4.67	160.83 12.51 -10.79	205.27 16.83 -11.30	260.24 19.84 -33.78	236.90 17.82 -29.46	188.39 12.44 -32.99	150.86 10.00 -29.79	118.62 7.23 -28.30	101.13 6.39 -12.86	85.98 4.58 -14.01
FORT ORANGE___ 23900	79.70 1.24 -9.41	69.40 1.61 -0.67	68.24 1.41 0.00	67.90 1.26 0.00	66.66 1.18 0.00	68.31 1.41 0.00	68.24 1.34 0.00	56.10 1.47 12.27	12.28 1.68 56.57	20.45 1.79 52.78	79.17 1.92 6.04	82.75 2.44 17.05	96.43 2.77 16.92	87.74 3.21 34.41	25.04 3.19 100.94	-76.57 3.57 217.67	-38.92 4.95 221.01	84.07 5.36 127.91	100.23 4.74 94.13	81.04 3.29 65.21	105.46 2.88 8.50	97.34 2.16 -12.10	123.45 1.80 -39.77	96.41 1.61 -27.41
FORT_DRUM_COGEN 23780	72.22 3.18 0.00	69.87 2.75 0.00	69.24 2.41 0.00	68.97 2.33 0.00	68.03 2.55 0.00	69.65 2.74 0.00	70.05 3.14 0.00	69.71 2.81 0.00	69.46 2.28 0.00	73.65 2.21 0.00	85.29 2.00 0.00	99.40 2.04 0.00	112.12 1.55 0.00	120.37 1.43 0.00	124.52 1.72 0.00	140.27 2.75 0.00	182.94 4.07 -1.73	214.32 6.41 -1.29	198.50 8.34 -0.54	150.97 8.01 0.00	117.41 6.33 0.00	87.99 4.90 0.00	85.48 3.60 0.00	69.81 2.43 0.00
FOX_HILLS___ESR 323835	58.99 2.90 12.96	56.94 3.22 13.40	56.87 2.87 12.84	55.99 2.27 12.91	56.87 2.16 10.77	55.99 2.61 13.52	56.81 2.81 12.91	57.26 3.41 13.05	59.26 3.96 11.88	59.79 4.50 16.15	70.13 5.66 18.82	86.55 7.69 18.50	101.55 9.29 18.32	101.04 10.82 28.72	114.38 10.81 19.22	139.54 12.24 10.22	181.56 15.77 11.34	214.52 18.18 10.29	214.35 16.12 -8.62	162.20 11.58 -7.66	125.94 9.33 -5.53	92.66 6.65 -2.93	83.13 6.06 4.81	61.82 3.77 9.34
FPL_FAR_ROCK_GT1 24212	128.35 6.22 -53.09	98.69 6.38 -25.20	72.87 6.02 -0.01	72.12 5.47 -0.01	70.73 5.24 -0.01	72.67 5.75 -0.01	72.73 5.82 -0.01	93.20 6.29 -20.01	105.11 6.72 -31.21	147.38 7.43 -68.51	131.78 8.92 -39.58	160.39 11.58 -51.44	168.85 13.37 -44.90	242.52 14.99 -108.59	356.49 15.60 -218.10	350.06 16.63 -195.91	405.99 21.96 -206.89	477.87 25.62 -245.63	503.68 22.93 -291.13	345.68 16.43 -186.28	169.54 14.00 -44.46	198.78 9.97 -105.72	132.54 9.66 -41.00	126.68 6.80 -52.49
FPL_FAR_ROCK_GT2 23815	128.35 6.22 -53.09	98.69 6.38 -25.20	72.87 6.02 -0.01	72.12 5.47 -0.01	70.73 5.24 -0.01	72.67 5.75 -0.01	72.73 5.82 -0.01	93.20 6.29 -20.01	105.11 6.72 -31.21	147.38 7.43 -68.51	131.78 8.92 -39.58	160.39 11.58 -51.44	168.85 13.37 -44.90	242.52 14.99 -108.59	356.49 15.60 -218.10	350.06 16.63 -195.91	405.99 21.96 -206.89	477.87 25.62 -245.63	503.68 22.93 -291.13	345.68 16.43 -186.28	169.54 14.00 -44.46	198.78 9.97 -105.72	132.54 9.66 -41.00	126.68 6.80 -52.49
FRANKLIN_FALL_HYD 24054	69.46 0.41 0.00	67.66 0.54 0.00	67.64 0.80 0.00	67.57 0.93 0.00	66.46 0.98 0.00	67.71 0.80 0.00	67.84 0.94 0.00	67.77 0.87 0.00	67.51 0.34 0.00	71.23 -0.21 0.00	82.79 -0.50 0.00	95.61 -1.75 0.00	108.47 -2.10 0.00	116.32 -2.62 0.00	119.60 -3.19 0.00	133.81 -3.71 0.00	172.35 -4.78 0.00	201.04 -5.58 0.00	184.49 -5.12 0.00	138.96 -4.00 0.00	106.86 -4.22 0.00	80.43 -2.66 0.00	80.16 -1.72 0.00	66.58 -0.81 0.00

FREEPORT_EQUS_GT1 23764	127.24 5.11 -53.09	97.62 5.30 -25.20	72.13 5.28 -0.01	71.38 4.73 -0.01	70.00 4.51 -0.01	71.93 5.02 -0.01	72.13 5.22 -0.01	92.27 5.35 -20.01	104.17 5.78 -31.21	143.63 6.36 -65.83	130.03 7.16 -39.57	135.75 9.55 -28.84	140.02 11.39 -18.05	169.64 12.73 -37.97	214.90 13.27 -78.84	238.46 15.13 -85.81	292.42 20.01 -95.27	334.90 23.34 -104.94	351.22 20.86 -140.75	252.39 15.01 -94.42	155.66 11.89 -32.69	147.57 8.72 -55.76	131.15 8.27 -41.00	125.74 5.86 -52.49
FREEPORT___CT2 23818	127.24 5.11 -53.09	97.62 5.30 -25.20	72.13 5.28 -0.01	71.38 4.73 -0.01	70.00 4.51 -0.01	71.93 5.02 -0.01	72.13 5.22 -0.01	92.27 5.35 -20.01	104.17 5.78 -31.21	143.63 6.36 -65.83	130.03 7.16 -39.57	135.75 9.55 -28.84	140.02 11.39 -18.05	169.64 12.73 -37.97	214.90 13.27 -78.84	238.46 15.13 -85.81	292.42 20.01 -95.27	334.90 23.34 -104.94	351.22 20.86 -140.75	252.39 15.01 -94.42	155.66 11.89 -32.69	147.57 8.72 -55.76	131.15 8.27 -41.00	125.74 5.86 -52.49
FRESHKLS_33_KV_LOAD 356253	58.92 2.83 12.96	56.87 3.15 13.40	56.81 2.81 12.84	55.86 2.13 12.91	56.74 2.03 10.77	55.86 2.48 13.52	56.74 2.74 12.91	57.13 3.28 13.05	59.19 3.90 11.88	59.65 4.36 16.15	69.97 5.50 18.82	86.45 7.59 18.50	101.55 9.29 18.32	100.92 10.70 28.72	114.38 10.81 19.22	139.68 12.38 10.22	181.73 15.94 11.34	214.52 18.18 10.29	214.54 16.31 -8.62	162.35 11.72 -7.66	126.06 9.44 -5.53	92.74 6.73 -2.93	83.13 6.06 4.81	61.82 3.77 9.34
FULTON COGEN____ 23766	68.15 -0.90 0.00	65.84 -1.28 0.00	65.30 -1.54 0.00	64.97 -1.67 0.00	63.84 -1.64 0.00	65.43 -1.47 0.00	65.43 -1.47 0.00	65.56 -1.34 0.00	66.03 -1.14 0.00	70.37 -1.07 0.00	82.04 -1.25 0.00	95.80 -1.56 0.00	108.81 -1.77 0.00	116.92 -2.02 0.00	120.96 -1.84 0.00	135.73 -1.79 0.00	178.87 -2.48 -4.21	207.29 -2.48 -3.15	188.65 -2.28 -1.32	141.82 -1.14 0.00	110.53 -0.56 0.00	83.01 -0.08 0.00	81.06 -0.82 0.00	66.31 -1.08 0.00
FULTON___LFGE 323630	146.29 6.28 -70.96	106.35 5.91 -33.32	72.25 5.41 0.00	71.84 5.20 0.00	70.65 5.17 0.00	72.45 5.55 0.00	72.39 5.49 0.00	74.02 5.08 -2.04	81.68 5.10 -9.40	85.28 5.07 -8.77	89.87 5.58 -1.00	106.43 6.24 -2.83	120.57 7.18 -2.81	132.16 7.50 -5.72	143.49 8.10 -12.59	175.80 10.32 -27.96	219.02 13.11 -28.77	379.44 17.14 -155.68	409.64 16.87 -203.16	413.59 13.73 -256.90	368.20 11.55 -245.57	248.53 8.72 -156.72	192.15 8.03 -102.24	129.77 5.93 -56.45
G.F.CEMENT___DRP 24184	150.06 5.52 -75.49	108.35 5.30 -35.93	71.65 4.81 0.00	71.17 4.53 0.00	69.93 4.45 0.00	71.65 4.75 0.00	71.72 4.82 0.00	75.50 4.82 -3.78	89.91 5.31 -17.43	93.27 5.57 -16.26	91.15 6.00 -1.86	109.23 6.62 -5.25	123.42 7.63 -5.21	137.87 8.33 -10.60	156.43 8.84 -24.79	202.84 10.73 -54.60	247.11 13.99 -55.98	407.23 17.56 -183.04	435.93 17.07 -229.25	438.42 12.72 -282.73	385.85 10.55 -264.22	258.95 7.89 -167.97	194.69 7.04 -105.76	131.48 5.39 -58.70
GARDENVILLE___LBMP 24039	68.15 -0.90 0.00	63.90 -3.22 0.00	62.69 -4.14 0.00	61.97 -4.66 0.00	61.03 -4.45 0.00	62.55 -4.35 0.00	62.02 -4.88 0.00	61.55 -5.35 0.00	62.61 -4.57 0.00	67.15 -4.29 0.00	77.98 -5.25 0.07	89.85 -7.50 0.02	93.51 -7.41 9.66	100.83 -7.85 10.26	108.10 -7.37 7.33	113.36 -7.56 16.60	132.99 -11.34 32.81	156.07 -11.57 38.98	148.40 -11.38 29.83	133.67 -9.29 0.00	106.08 -5.00 0.00	83.80 -2.08 -2.79	78.02 -4.59 -0.73	65.47 -4.31 -2.40
GARDNVLA_35_KV_LD 355827	68.43 -0.62 0.00	64.17 -2.95 0.00	62.96 -3.88 0.00	62.24 -4.40 0.00	61.22 -4.26 0.00	62.82 -4.08 0.00	62.29 -4.62 0.00	61.89 -5.02 0.00	62.94 -4.23 0.00	67.51 -3.93 0.00	78.57 -4.66 0.05	90.44 -6.91 0.01	96.63 -6.52 7.42	104.03 -7.02 7.90	110.66 -6.51 5.63	118.34 -6.46 12.72	141.65 -9.92 25.57	167.78 -9.92 28.93	156.90 -10.05 22.67	134.53 -8.43 0.00	106.75 -4.33 0.00	84.23 -1.66 -2.81	78.36 -4.26 -0.73	65.75 -4.04 -2.41
GELCKHM___115KV_LOAD 80723	68.50 -0.55 0.00	66.18 -0.94 0.00	65.57 -1.27 0.00	65.24 -1.40 0.00	64.11 -1.38 0.00	65.63 -1.27 0.00	65.70 -1.20 0.00	65.83 -1.07 0.00	66.37 -0.81 0.00	70.80 -0.64 0.00	82.54 -0.75 0.00	96.39 -0.97 0.00	109.47 -1.11 0.00	117.63 -1.31 0.00	121.69 -1.11 0.00	136.56 -0.96 0.00	177.06 -1.59 -1.52	206.31 -1.45 -1.14	188.76 -1.33 -0.47	142.25 -0.71 0.00	110.97 -0.11 0.00	83.34 0.25 0.00	81.39 -0.49 0.00	66.51 -0.88 0.00
GENERAL___MILLS 23808	68.29 -0.76 0.00	64.03 -3.09 0.00	62.83 -4.01 0.00	62.11 -4.53 0.00	61.09 -4.39 0.00	62.69 -4.21 0.00	62.15 -4.75 0.00	61.68 -5.22 0.00	62.74 -4.43 0.00	67.30 -4.14 0.00	78.32 -4.91 0.06	90.14 -7.20 0.01	95.69 -6.86 8.03	103.15 -7.26 8.54	109.95 -6.75 6.09	116.87 -6.88 13.77	139.15 -10.45 27.53	164.43 -10.54 31.65	154.38 -10.62 24.61	134.10 -8.86 0.00	106.42 -4.67 0.00	83.98 -1.91 -2.80	78.19 -4.42 -0.73	65.55 -4.25 -2.41
GE_PLASTICS___DRP 24183	83.25 0.90 -13.30	72.23 1.21 -3.90	67.91 1.07 0.00	67.64 1.00 0.00	66.40 0.92 0.00	68.04 1.14 0.00	67.97 1.07 0.00	60.57 1.14 7.47	34.04 1.28 34.41	40.69 1.36 32.10	81.28 1.67 3.67	89.23 2.24 10.37	102.83 2.54 10.29	100.86 2.85 20.93	63.41 2.70 62.09	6.87 2.89 133.54	45.61 3.90 135.43	150.40 3.93 60.15	155.99 3.60 37.23	130.85 2.29 14.40	133.32 2.22 -20.02	112.03 1.58 -27.36	119.86 1.47 -36.51	94.87 1.35 -26.14
GILBOA___1 23756	75.02 1.73 -4.24	71.09 2.01 -1.95	68.91 2.07 0.00	68.97 2.33 0.00	67.71 2.23 0.00	69.44 2.54 0.00	69.18 2.28 0.00	68.77 1.87 0.00	69.05 1.88 0.00	73.51 2.07 0.00	85.79 2.50 0.00	100.67 3.31 0.00	114.67 4.09 0.00	123.46 4.52 0.00	127.09 4.30 0.00	141.64 4.12 0.00	182.45 5.31 0.00	230.30 5.78 -17.90	206.38 5.50 -11.26	161.51 3.71 -14.84	129.66 3.99 -14.59	105.35 3.16 -19.10	93.63 2.86 -8.88	81.39 2.16 -11.85
GILBOA___2 23757	75.02 1.73 -4.24	71.09 2.01 -1.95	68.91 2.07 0.00	68.97 2.33 0.00	67.71 2.23 0.00	69.44 2.54 0.00	69.18 2.28 0.00	68.77 1.87 0.00	69.05 1.88 0.00	73.51 2.07 0.00	85.79 2.50 0.00	100.67 3.31 0.00	114.67 4.09 0.00	123.46 4.52 0.00	127.09 4.30 0.00	141.64 4.12 0.00	182.45 5.31 0.00	230.30 5.78 -17.90	206.38 5.50 -11.26	161.51 3.71 -14.84	129.66 3.99 -14.59	105.35 3.16 -19.10	93.63 2.86 -8.88	81.39 2.16 -11.85
GILBOA___3 23758	75.02 1.73 -4.24	71.09 2.01 -1.95	68.91 2.07 0.00	68.97 2.33 0.00	67.71 2.23 0.00	69.44 2.54 0.00	69.18 2.28 0.00	68.77 1.87 0.00	69.05 1.88 0.00	73.51 2.07 0.00	85.79 2.50 0.00	100.67 3.31 0.00	114.67 4.09 0.00	123.46 4.52 0.00	127.09 4.30 0.00	141.64 4.12 0.00	182.45 5.31 0.00	230.30 5.78 -17.90	206.38 5.50 -11.26	161.51 3.71 -14.84	129.66 3.99 -14.59	105.35 3.16 -19.10	93.63 2.86 -8.88	81.39 2.16 -11.85
GILBOA___4 23759	75.02 1.73 -4.24	71.09 2.01 -1.95	68.91 2.07 0.00	68.97 2.33 0.00	67.71 2.23 0.00	69.44 2.54 0.00	69.18 2.28 0.00	68.77 1.87 0.00	69.05 1.88 0.00	73.51 2.07 0.00	85.79 2.50 0.00	100.67 3.31 0.00	114.67 4.09 0.00	123.46 4.52 0.00	127.09 4.30 0.00	141.64 4.12 0.00	182.45 5.31 0.00	230.30 5.78 -17.90	206.38 5.50 -11.26	161.51 3.71 -14.84	129.66 3.99 -14.59	105.35 3.16 -19.10	93.63 2.86 -8.88	81.39 2.16 -11.85

GILBOA____ 23599	75.01 1.73 -4.24	71.09 2.01 -1.95	68.91 2.07 0.00	68.97 2.33 0.00	67.71 2.23 0.00	69.45 2.54 0.00	69.18 2.27 0.00	68.78 1.87 0.00	69.06 1.88 0.00	73.51 2.07 0.00	85.87 2.58 0.00	100.67 3.31 0.00	114.67 4.09 0.00	123.46 4.52 0.00	127.09 4.30 0.00	141.65 4.13 0.00	182.27 5.14 0.00	230.31 5.79 -17.90	206.37 5.50 -11.26	161.52 3.72 -14.84	129.56 3.89 -14.59	105.35 3.16 -19.10	93.55 2.78 -8.88	81.39 2.16 -11.85
GINNA____ 23603	66.70 -2.35 0.00	63.49 -3.63 0.00	62.63 -4.21 0.00	61.97 -4.67 0.00	60.89 -4.59 0.00	62.49 -4.42 0.00	62.15 -4.75 0.00	62.35 -4.55 0.00	63.21 -3.96 0.00	67.51 -3.93 0.00	78.55 -4.74 0.00	91.42 -5.94 0.00	102.82 -7.74 0.01	110.48 -8.44 0.02	114.56 -8.23 0.01	129.39 -8.11 0.02	166.38 -10.62 0.14	195.06 -11.57 0.00	178.61 -11.00 0.00	136.10 -6.86 0.00	106.63 -4.45 0.00	80.43 -2.66 0.00	78.20 -3.68 0.00	63.41 -3.98 0.00
GLEN PARK____ 23778	72.70 3.66 0.00	70.34 3.22 0.00	69.58 2.74 0.00	69.23 2.60 0.00	68.36 2.88 0.00	70.05 3.15 0.00	70.45 3.54 0.00	70.05 3.15 0.00	69.87 2.69 0.00	74.08 2.64 0.00	85.71 2.42 0.00	99.99 2.63 0.00	112.79 2.21 0.00	120.96 2.02 0.00	125.12 2.33 0.00	141.09 3.57 0.00	184.26 5.31 -1.82	215.83 7.85 -1.36	200.41 10.23 -0.57	152.54 9.58 0.00	118.64 7.56 0.00	88.82 5.73 0.00	86.30 4.42 0.00	70.35 2.96 0.00
GLENDALE_27_KV_LOAD 356172	70.41 3.45 2.09	67.15 3.83 3.80	67.06 3.48 3.25	65.33 2.93 4.24	65.96 2.82 2.34	67.06 3.21 3.05	68.46 3.48 1.92	71.36 4.08 -0.38	73.57 4.64 -1.76	78.15 5.07 -1.64	89.80 6.33 -0.18	106.45 8.57 -0.53	121.49 10.39 -0.52	131.79 11.78 -1.08	140.88 12.16 -5.93	185.58 13.89 -34.17	240.29 18.25 -44.91	303.52 20.87 -76.03	256.96 18.39 -48.95	192.66 13.30 -36.40	151.95 10.55 -30.32	118.91 7.39 -28.43	95.95 6.71 -7.35	73.36 4.31 -1.66
GLENWOOD_IC_1_G5 23712	126.28 4.14 -53.09	96.68 4.36 -25.20	70.91 4.08 0.00	70.23 3.60 0.00	68.89 3.40 0.00	70.78 3.88 0.00	70.98 4.08 0.00	91.39 4.48 -20.01	103.36 4.97 -31.21	144.71 5.57 -67.70	129.78 6.91 -39.58	136.45 9.15 -29.94	140.88 10.95 -19.36	171.76 12.37 -40.45	215.25 12.89 -79.56	242.30 14.58 -90.20	296.95 19.13 -100.68	346.08 22.11 -117.35	362.78 19.53 -153.63	255.85 14.01 -98.87	155.98 11.11 -33.79	149.08 7.81 -58.18	130.00 7.12 -41.00	124.80 4.92 -52.49
GLENWOOD_IC_2_G1 23688	126.21 4.07 -53.09	96.61 4.30 -25.20	70.85 4.01 -0.01	70.11 3.46 -0.01	68.83 3.34 -0.01	70.72 3.81 -0.01	70.86 3.95 -0.01	91.33 4.41 -20.01	103.23 4.84 -31.21	145.09 5.36 -68.29	129.44 6.58 -39.58	134.22 8.77 -28.09	138.25 10.51 -17.16	164.87 11.78 -34.15	199.76 12.16 -64.81	231.95 13.75 -80.68	286.95 18.25 -91.57	307.74 20.86 -80.25	323.74 18.39 -115.74	247.63 13.30 -91.37	155.39 10.66 -33.65	144.75 7.56 -54.10	129.76 6.88 -41.00	124.67 4.78 -52.49
GLENWOOD_IC_3_G1 23689	126.21 4.07 -53.09	96.61 4.30 -25.20	70.85 4.01 -0.01	70.11 3.46 -0.01	68.83 3.34 -0.01	70.72 3.81 -0.01	70.86 3.95 -0.01	91.33 4.41 -20.01	103.23 4.84 -31.21	145.09 5.36 -68.29	129.44 6.58 -39.58	134.22 8.77 -28.09	138.25 10.51 -17.16	164.87 11.78 -34.15	199.76 12.16 -64.81	231.95 13.75 -80.68	286.95 18.25 -91.57	307.74 20.86 -80.25	323.74 18.39 -115.74	247.63 13.30 -91.37	155.39 10.66 -33.65	144.75 7.56 -54.10	129.76 6.88 -41.00	124.67 4.78 -52.49
GLENWOOD____4 23550	126.48 4.35 -53.09	96.88 4.56 -25.20	71.11 4.28 0.00	70.37 3.73 0.00	69.02 3.54 0.00	70.92 4.01 0.00	71.12 4.21 0.00	91.59 4.68 -20.01	103.56 5.17 -31.21	144.85 5.72 -67.70	129.95 7.08 -39.58	136.65 9.35 -29.94	141.21 11.28 -19.36	171.99 12.61 -40.45	215.50 13.14 -79.56	242.58 14.85 -90.20	297.48 19.66 -100.68	346.50 22.52 -117.35	363.16 19.91 -153.63	256.13 14.30 -98.87	156.20 11.33 -33.79	149.33 8.06 -58.18	130.17 7.29 -41.00	124.93 5.05 -52.49
GLENWOOD____5 23614	126.48 4.35 -53.09	96.88 4.56 -25.20	71.11 4.28 0.00	70.37 3.73 0.00	69.02 3.54 0.00	70.92 4.01 0.00	71.12 4.21 0.00	91.59 4.68 -20.01	103.56 5.17 -31.21	144.85 5.72 -67.70	129.95 7.08 -39.58	136.65 9.35 -29.94	141.21 11.28 -19.36	171.99 12.61 -40.45	215.50 13.14 -79.56	242.58 14.85 -90.20	297.48 19.66 -100.68	346.50 22.52 -117.35	363.16 19.91 -153.63	256.13 14.30 -98.87	156.20 11.33 -33.79	149.33 8.06 -58.18	130.17 7.29 -41.00	124.93 5.05 -52.49
GLOBAL GREEN_PORT_GT1 23814	130.56 8.42 -53.09	100.43 8.12 -25.20	74.26 7.42 -0.01	73.31 6.66 -0.01	71.71 6.22 -0.01	73.87 6.96 -0.01	73.93 7.02 -0.01	94.94 8.02 -20.01	107.46 9.07 -31.21	149.94 10.22 -68.29	134.94 12.07 -39.58	138.96 15.29 -26.31	149.27 17.46 -21.23	177.13 19.03 -39.16	216.55 19.64 -74.11	260.10 17.87 -104.71	283.59 23.74 -82.71	323.08 28.52 -87.93	353.31 25.78 -137.92	263.84 18.45 -102.43	269.99 13.88 -145.03	179.29 12.46 -83.74	136.94 11.62 -43.43	128.77 8.89 -52.49
GLOBE____DSASP 323697	65.94 -3.11 0.00	62.69 -4.43 0.00	60.62 -6.22 0.00	59.91 -6.73 0.00	59.00 -6.48 0.00	61.42 -5.49 0.00	59.81 -7.09 0.00	59.08 -7.83 0.00	60.19 -6.99 0.00	64.58 -6.86 0.00	74.42 -8.83 0.04	86.54 -10.81 0.01	90.42 -13.49 6.66	97.36 -14.51 7.07	103.74 -14.00 5.06	110.90 -15.13 11.50	132.25 -20.90 23.99	157.41 -22.73 26.49	147.09 -21.81 20.71	128.24 -14.73 0.00	101.64 -9.44 0.00	80.07 -5.57 -2.55	74.93 -7.61 -0.67	63.11 -6.47 -2.19
GOETHSLN____LBMP 323567	58.91 2.83 12.97	56.93 3.22 13.41	56.93 2.94 12.84	56.05 2.33 12.92	56.93 2.23 10.78	56.05 2.68 13.53	56.87 2.88 12.91	57.32 3.48 13.06	59.32 4.03 11.89	59.78 4.50 16.16	70.04 5.58 18.83	86.64 7.79 18.51	101.65 9.40 18.32	100.79 10.59 28.73	114.62 11.05 19.23	139.83 12.51 10.21	182.30 16.47 11.31	214.98 18.60 10.24	214.81 16.50 -8.70	162.48 11.87 -7.66	126.05 9.44 -5.52	92.49 6.48 -2.92	82.95 5.90 4.82	61.74 3.71 9.35
GOLAH____69_KV_TB 1_2 80279	70.01 0.97 0.00	66.31 -0.81 0.00	65.23 -1.60 0.00	64.44 -2.20 0.00	63.32 -2.16 0.00	64.96 -1.94 0.00	64.43 -2.48 0.00	64.29 -2.61 0.00	65.09 -2.08 0.00	69.58 -1.86 0.00	80.62 -2.67 0.00	93.66 -3.70 0.00	105.20 -5.42 -0.05	113.16 -5.83 -0.04	117.43 -5.40 -0.03	132.52 -5.09 -0.08	169.87 -7.26 0.00	202.81 -6.82 -3.01	184.08 -6.26 -0.72	139.82 -3.15 0.00	110.08 -1.00 0.00	85.68 0.58 -2.01	81.10 -1.31 -0.52	67.56 -1.55 -1.73
GOODYEAR_LAKE_HYD 323669	94.15 3.25 -21.86	80.39 3.02 -10.25	69.51 2.67 0.00	69.24 2.60 0.00	68.16 2.68 0.00	69.91 3.01 0.00	69.98 3.08 0.00	70.42 2.94 -0.57	72.96 3.16 -2.63	77.39 3.50 -2.45	87.65 4.08 -0.28	103.02 4.87 -0.79	117.34 5.97 -0.79	127.09 6.54 -1.61	133.63 6.88 -3.96	153.94 7.84 -8.58	195.68 9.74 -8.81	269.93 11.78 -51.53	263.51 11.57 -62.33	231.21 8.58 -79.67	194.56 7.33 -76.15	140.78 5.48 -52.20	119.01 4.59 -32.54	91.17 3.23 -20.55
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	72.75 0.76 -2.94	68.47 0.00 -1.35	66.44 -0.40 0.00	66.10 -0.53 0.00	65.02 -0.46 0.00	66.70 -0.20 0.00	66.64 -0.27 0.00	66.64 -0.27 0.00	67.18 0.00 0.00	71.65 0.21 0.00	83.62 0.33 0.00	97.36 0.00 0.00	111.37 0.77 -0.02	119.68 0.71 -0.03	124.04 1.23 -0.01	139.07 1.51 -0.03	179.89 1.59 -1.15	218.30 2.27 -9.40	199.60 1.90 -8.09	154.24 1.00 -10.28	122.97 1.78 -10.11	94.46 1.83 -9.54	87.81 0.74 -5.19	72.49 0.07 -5.04

GOUDEY___7 23579	72.75 0.76 -2.94	68.47 0.00 -1.35	66.44 -0.40 0.00	66.10 -0.53 0.00	65.02 -0.46 0.00	66.70 -0.20 0.00	66.64 -0.27 0.00	66.64 -0.27 0.00	67.18 0.00 0.00	71.65 0.21 0.00	83.62 0.33 0.00	97.36 0.00 0.00	111.37 0.77 -0.02	119.68 0.71 -0.03	124.04 1.23 -0.01	139.07 1.51 -0.03	179.89 1.59 -1.15	218.30 2.27 -9.40	199.60 1.90 -8.09	154.24 1.00 -10.28	122.97 1.78 -10.11	94.46 1.83 -9.54	87.81 0.74 -5.19	72.49 0.07 -5.04
GOUDEY___8 23580	72.75 0.76 -2.94	68.47 0.00 -1.35	66.44 -0.40 0.00	66.10 -0.53 0.00	65.02 -0.46 0.00	66.70 -0.20 0.00	66.64 -0.27 0.00	66.64 -0.27 0.00	67.18 0.00 0.00	71.65 0.21 0.00	83.62 0.33 0.00	97.36 0.00 0.00	111.37 0.77 -0.02	119.68 0.71 -0.03	124.04 1.23 -0.01	139.07 1.51 -0.03	179.89 1.59 -1.15	218.30 2.27 -9.40	199.60 1.90 -8.09	154.24 1.00 -10.28	122.97 1.78 -10.11	94.46 1.83 -9.54	87.81 0.74 -5.19	72.49 0.07 -5.04
GOWANUS_GT1_1 24077	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.80 2.94 3.05	68.20 3.21 1.92	71.02 3.75 -0.38	73.30 4.37 -1.76	77.94 4.86 -1.64	89.55 6.08 -0.18	106.06 8.18 -0.53	121.05 9.95 -0.52	131.45 11.42 -1.09	140.14 11.42 -5.93	184.75 13.06 -34.17	238.69 16.65 -44.91	301.87 19.22 -76.03	255.41 16.88 -48.92	191.52 12.15 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT1_2 24078	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.80 2.94 3.05	68.20 3.21 1.92	71.02 3.75 -0.38	73.30 4.37 -1.76	77.94 4.86 -1.64	89.55 6.08 -0.18	106.06 8.18 -0.53	121.05 9.95 -0.52	131.45 11.42 -1.09	140.14 11.42 -5.93	184.75 13.06 -34.17	238.69 16.65 -44.91	301.87 19.22 -76.03	255.41 16.88 -48.92	191.52 12.15 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT1_3 24079	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.80 2.94 3.05	68.20 3.21 1.92	71.02 3.75 -0.38	73.30 4.37 -1.76	77.94 4.86 -1.64	89.55 6.08 -0.18	106.06 8.18 -0.53	121.05 9.95 -0.52	131.45 11.42 -1.09	140.14 11.42 -5.93	184.75 13.06 -34.17	238.69 16.65 -44.91	301.87 19.22 -76.03	255.41 16.88 -48.92	191.52 12.15 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT1_4 24080	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.80 2.94 3.05	68.20 3.21 1.92	71.02 3.75 -0.38	73.30 4.37 -1.76	77.94 4.86 -1.64	89.55 6.08 -0.18	106.06 8.18 -0.53	121.05 9.95 -0.52	131.45 11.42 -1.09	140.14 11.42 -5.93	184.75 13.06 -34.17	238.69 16.65 -44.91	301.87 19.22 -76.03	255.41 16.88 -48.92	191.52 12.15 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT1_5 24084	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.80 2.94 3.05	68.20 3.21 1.92	71.02 3.75 -0.38	73.30 4.37 -1.76	77.94 4.86 -1.64	89.55 6.08 -0.18	106.06 8.18 -0.53	121.05 9.95 -0.52	131.45 11.42 -1.09	140.14 11.42 -5.93	184.75 13.06 -34.17	238.69 16.65 -44.91	301.87 19.22 -76.03	255.41 16.88 -48.92	191.52 12.15 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17	

GOWANUS_GT2_6 24119	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.43 11.42 -1.07	140.15 11.42 -5.93	184.76 13.07 -34.17	238.88 16.84 -44.91	301.87 19.22 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT2_7 24120	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.43 11.42 -1.07	140.15 11.42 -5.93	184.76 13.07 -34.17	238.88 16.84 -44.91	301.87 19.22 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT2_8 24121	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.43 11.42 -1.07	140.15 11.42 -5.93	184.76 13.07 -34.17	238.88 16.84 -44.91	301.87 19.22 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT3_1 24122	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.45 11.42 -1.09	140.15 11.42 -5.93	184.76 13.07 -34.17	238.88 16.84 -44.91	301.87 19.22 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT3_2 24123	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.45 11.42 -1.09	140.15 11.42 -5.93	184.76 13.07 -34.17	238.88 16.84 -44.91	301.87 19.22 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT3_3 24124	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.45 11.42 -1.09	140.15 11.42 -5.93	184.76 13.07 -34.17	238.88 16.84 -44.91	301.87 19.22 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT3_4 24125	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.45 11.42 -1.09	140.15 11.42 -5.93	184.76 13.07 -34.17	238.88 16.84 -44.91	301.87 19.22 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	11		

GOWANUS_GT4_5 24134	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.80 2.94 3.05	68.20 3.21 1.92	71.02 3.75 -0.38	73.30 4.37 -1.76	77.94 4.86 -1.64	89.55 6.08 -0.18	106.06 8.18 -0.53	121.05 9.95 -0.52	131.43 11.42 -1.07	140.14 11.42 -5.93	184.75 13.06 -34.17	238.69 16.65 -44.91	301.66 19.01 -76.03	255.41 16.88 -48.92	191.52 12.15 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT4_6 24135	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.80 2.94 3.05	68.20 3.21 1.92	71.02 3.75 -0.38	73.30 4.37 -1.76	77.94 4.86 -1.64	89.55 6.08 -0.18	106.06 8.18 -0.53	121.05 9.95 -0.52	131.43 11.42 -1.07	140.14 11.42 -5.93	184.75 13.06 -34.17	238.69 16.65 -44.91	301.66 19.01 -76.03	255.41 16.88 -48.92	191.52 12.15 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT4_7 24136	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.80 2.94 3.05	68.20 3.21 1.92	71.02 3.75 -0.38	73.30 4.37 -1.76	77.94 4.86 -1.64	89.55 6.08 -0.18	106.06 8.18 -0.53	121.05 9.95 -0.52	131.43 11.42 -1.07	140.14 11.42 -5.93	184.75 13.06 -34.17	238.69 16.65 -44.91	301.66 19.01 -76.03	255.41 16.88 -48.92	191.52 12.15 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GOWANUS_GT4_8 24137	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.80 2.94 3.05	68.20 3.21 1.92	71.02 3.75 -0.38	73.30 4.37 -1.76	77.94 4.86 -1.64	89.55 6.08 -0.18	106.06 8.18 -0.53	121.05 9.95 -0.52	131.43 11.42 -1.07	140.14 11.42 -5.93	184.75 13.06 -34.17	238.69 16.65 -44.91	301.66 19.01 -76.03	255.41 16.88 -48.92	191.52 12.15 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GREATVR_69_KV_BK1 356245	129.73 7.60 -53.09	99.90 7.58 -25.20	73.92 7.08 0.00	73.03 6.40 0.00	71.57 6.09 0.00	73.59 6.69 0.00	73.99 7.09 0.00	94.61 7.69 -20.01	106.59 8.20 -31.21	148.65 8.93 -68.29	133.11 10.24 -39.58	136.97 12.85 -26.76	144.34 14.49 -19.28	190.42 15.94 -55.54	217.33 16.58 -77.96	253.09 18.29 -97.28	285.97 23.91 -84.92	324.74 28.10 -90.02	350.55 25.22 -135.72	260.12 18.30 -98.86	231.28 15.00 -105.20	188.93 11.05 -94.79	136.09 10.89 -43.32	127.97 8.09 -52.49
GREENBSH_115KV_TB3 55895	79.50 1.38 -9.07	69.01 1.61 -0.28	68.31 1.47 0.00	67.97 1.33 0.00	66.72 1.24 0.00	68.37 1.47 0.00	68.31 1.40 0.00	55.40 1.54 13.04	8.80 1.75 60.12	17.28 1.93 56.09	79.12 2.25 6.41	82.07 2.82 18.12	95.81 3.21 17.98	85.94 3.57 36.57	18.86 3.32 107.25	-90.20 3.58 231.30	-52.95 4.78 234.87	73.45 5.17 138.34	91.60 4.55 102.56	73.45 3.00 72.52	101.54 2.67 12.21	95.30 1.99 -10.22	124.57 1.97 -40.72	96.99 1.75 -27.85
GREENDGE_115KV_TB5 80291	71.42 0.69 -1.68	67.22 -0.67 -0.78	65.57 -1.27 0.00	65.04 -1.60 0.00	63.97 -1.51 0.00	65.77 -1.14 0.00	65.77 -1.14 0.00	65.83 -1.07 0.00	66.44 -0.74 0.00	70.80 -0.64 0.00	82.54 -0.83 -0.08	95.34 -2.04 -0.02	120.14 -3.43 -12.99	128.98 -3.81 -13.85	129.21 -3.44 -9.85	156.64 -3.30 -22.41	220.12 -4.07 -47.06	263.72 -3.31 -60.41	230.62 -2.84 -43.85	146.85 -2.00 -5.89	116.65 -0.22 -5.79	89.92 1.33 -5.50	85.03 0.16 -2.98	69.56 -0.74 -2.91
GREENIDGE___3 23582	71.42 0.69 -1.68	67.22 -0.67 -0.78	65.57 -1.27 0.00	65.04 -1.60 0.00	63.97 -1.51 0.00	65.77 -1.14 0.00	65.77 -1.14 0.00	65.83 -1.07 0.00	66.44 -0.74 0.00	70.80 -0.64 0.00	82.54 -0.83 -0.08	95.34 -2.04 -0.02	120.14 -3.43 -12.99	128.98 -3.81 -13.85	129.21 -3.44 -9.85	156.64 -3.30 -22.41	220.12 -4.07 -47.06	263.72 -3.31 -60.41	230.62 -2.84 -43.85	146.85 -2.00 -5.89	116.65 -0.22 -5.79	89.92 1.33 -5.50	85.03 0.16 -2.98	69.56 -0.74 -2.91
GREENIDGE___4 23583	71.42 0.69 -1.68	67.22 -0.67 -0.78	65.50 -1.34 0.00	65.04 -1.60 0.00	63.98 -1.50 0.00	65.77 -1.14 0.00	65.77 -1.14 0.00	65.83 -1.07 0.00	66.44 -0.74 0.00	70.80 -0.64 0.00	82.21 -1.17 -0.08	95.24 -2.14 -0.02	120.13 -3.43 -12.99	128.98 -3.81 -13.85	129.21 -3.44 -9.85	156.64 -3.30 -22.41	220.29 -3.90 -47.06	263.71 -3.31 -60.41	230.63 -2.84 -43.85	146.85 -2.00 -5.89	116.65 -0.22 -5.79	90.08 1.50 -5.50	85.28 0.41 -2.98	69.56 -0.74 -2.91
GREENLWN_69_KV_BK 3 55738	126.90 4.76 -53.09	97.21 4.90 -25.20	71.45 4.61 0.00	70.70 4.06 0.00	69.34 3.86 0.00	71.25 4.35 0.00	71.52 4.62 0.00	92.00 5.08 -20.01	103.97 5.58 -31.21	145.87 6.14 -68.29	129.61 6.75 -39.58	132.46 8.57 -26.54	135.26 10.73 -13.96	150.87 11.06 -20.87	167.53 11.54 -33.19	187.85 12.93 -37.40	278.71 17.01 -84.56	309.90 19.84 -83.44	309.01 17.63 -101.76	220.62 12.44 -65.22	127.97 10.33 -6.56	129.60 6.98 -39.54	129.71 7.29 -40.54	125.34 5.46 -52.49
GREENWD_138_KV_38B11_REV_LBMP_J 345004	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.80 2.94 3.05	68.20 3.21 1.92	71.02 3.75 -0.38	73.30 4.37 -1.76	77.94 4.86 -1.64	89.55 6.08 -0.18	106.06 8.18 -0.53	121.05 9.95 -0.52	131.44 11.42 -1.08	140.14 11.42 -5.93	184.75 13.06 -34.17	238.87 16.83 -44.91	301.87 19.22 -76.03	255.60 17.07 -48.92	191.52 12.15 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
GRISSOM___SOLAR 323813	147.01 5.87 -72.09	106.54 5.57 -33.85	71.98 5.15 0.00	71.57 4.93 0.00	70.39 4.91 0.00	72.19 5.28 0.00	72.12 5.22 0.00	73.86 4.88 -2.07	81.63 4.90 -9.56	85.28 4.93 -8.92	89.72 5.41 -1.02	106.38 6.14 -2.88	120.51 7.08 -2.86	132.13 7.38 -5.81	143.56 7.98 -12.79	175.97 10.03 -28.41	219.14 12.76 -29.24	381.25 16.54 -158.09	412.15 16.11 -206.43	416.82 12.87 -260.98	371.33 10.77 -249.48	250.45 8.23 -159.13	193.26 7.53 -103.85	130.25 5.59 -57.28
GROVEVILLE___HYD 323602	79.69 3.73 -6.91	74.27 3.96 -3.19	70.45 3.61 0.00	69.77 3.13 0.00	68.43 2.95 0.00	70.38 3.48 0.00	70.45 3.55 0.00	70.85 3.95 0.00	71.54 4.37 0.00	76.37 4.93 0.00	89.29 6.00 0.00	104.95 7.59 0.00	119.86 9.29 0.00	129.41 10.47 0.00	138.64 11.17 -4.67	160.83 12.51 -10.79	205.27 16.83 -11.30	260.24 19.84 -33.78	236.90 17.82 -29.46	188.39 12.44 -32.99	150.86 10.00 -29.79	118.62 7.23 -28.30	101.13 6.39 -12.86	85.98 4.58 -14.01
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	68.84 -0.21 0.00	66.45 -0.67 0.00	65.83 -1.00 0.00	65.50 -1.13 0.00	64.30 -1.18 0.00	65.90 -1.00 0.00	65.97 -0.94 0.00	66.30 -0.60 0.00	66.84 -0.34 0.00	71.23 -0.21 0.00	83.12 -0.17 0.00	97.07 -0.29 0.00	110.13 -0.44 0.00	118.46 -0.48 0.00	122.43 -0.37 0.00	137.52 0.00 -2.31	178.92 -0.53 -1.73	207.94 -0.41 -0.72	189.96 -0.38 -0.72	142.96 0.00 0.00	111.52 0.44 0.00	83.75 0.66 0.00	81.80 -0.08 0.00	66.78 -0.61 0.00
HAMLTNNY_34_KV_TB 80303	69.39 0.35 0.00	66.85 -0.27 0.00	66.17 -0.67 0.00	65.77 -0.87 0.00	64.63 -0.85 0.00	66.23 -0.67 0.00	66.23 -0.67 0.00	66.43 -0.47 0.00	67.04 -0.13 0.00	71.51 0.07 0.00	83.37 0.08 0.00	97.26 -0.10 0.00	110.35 -0.22 0.00	118.58 -0.36 0.00	122.67 -0.12 0.00	137.94 0.41 0.00	179.53 0.18 -2.21	208.90 0.62 -1.66	190.87 0.57 -0.69	143.96 1.00 0.00	112.41 1.33 0.00	84.50 1.41 0.00	82.37 0.49 0.00	67.18 -0.20 0.00

HAMPSHIRE___PAPER_HYD 323593	70.08 1.04 0.00	68.13 1.01 0.00	67.90 1.07 0.00	67.77 1.13 0.00	66.72 1.24 0.00	68.11 1.21 0.00	68.17 1.27 0.00	67.77 0.87 0.00	67.31 0.13 0.00	71.23 -0.21 0.00	82.79 -0.50 0.00	96.00 -1.36 0.00	108.14 -2.43 0.00	116.21 -2.73 0.00	119.98 -2.82 0.00	134.77 -2.75 0.00	174.84 -3.01 -0.72	204.47 -2.69 -0.54	188.71 -1.13 -0.22	142.96 0.00 0.00	110.64 -0.44 0.00	82.92 -0.17 0.00	81.72 -0.16 0.00	67.59 0.20 0.00
HARDSCRABBLE_WT_PWR 323673	69.94 0.90 0.00	67.93 0.81 0.00	67.50 0.67 0.00	67.23 0.60 0.00	66.13 0.65 0.00	67.71 0.81 0.00	67.71 0.81 0.00	67.71 0.81 0.00	68.05 0.87 0.00	72.44 1.00 0.00	84.46 1.17 0.00	98.72 1.36 0.00	112.01 1.43 0.00	120.48 1.54 0.00	124.52 1.72 0.00	139.45 1.92 0.00	179.09 1.95 0.00	208.90 2.28 0.00	191.90 2.28 0.00	144.39 1.43 0.00	112.19 1.11 0.00	83.75 0.66 0.00	82.29 0.41 0.00	67.45 0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	78.34 3.11 -6.19	73.26 3.29 -2.85	69.78 2.94 0.00	69.10 2.47 0.00	67.84 2.36 0.00	69.71 2.81 0.00	69.85 2.94 0.00	70.25 3.35 0.00	70.94 3.76 0.00	75.73 4.29 0.00	88.54 5.25 0.00	104.18 6.82 0.00	118.98 8.40 0.00	128.45 9.52 0.00	138.03 10.19 -5.04	150.82 11.55 -1.74	189.95 15.41 2.60	237.84 17.98 -13.24	200.54 15.74 4.81	184.22 11.15 -30.11	147.85 9.00 -27.77	115.85 6.40 -26.36	99.15 5.65 -11.62	84.18 3.91 -12.89
HARSNRAD_115KV_TB1 81005	67.32 -1.73 0.00	62.76 -4.36 0.00	61.96 -4.88 0.00	61.17 -5.46 0.00	60.24 -5.24 0.00	61.42 -5.49 0.00	60.75 -6.16 0.00	60.15 -6.76 0.00	61.20 -5.98 0.00	65.65 -5.79 0.00	75.83 -7.41 0.04	87.61 -9.74 0.01	92.81 -11.06 6.71	99.78 -12.01 7.14	106.17 -11.54 5.09	113.85 -12.10 11.57	136.62 -17.01 23.51	130.12 -18.18 58.32	128.32 -17.63 43.66	130.38 -12.58 0.00	103.42 -7.66 0.00	81.61 -3.99 -2.51	76.23 -6.30 -0.65	63.95 -5.59 -2.15
HARZA MOOSE___RIVER 24016	71.40 2.35 0.00	69.33 2.21 0.00	68.91 2.07 0.00	68.64 2.00 0.00	67.58 2.10 0.00	69.18 2.27 0.00	69.38 2.48 0.00	69.24 2.34 0.00	69.12 1.95 0.00	73.30 1.86 0.00	85.21 1.92 0.00	99.11 1.75 0.00	111.90 1.33 0.00	120.49 1.55 0.00	124.64 1.84 0.00	140.14 2.61 0.00	181.47 3.72 -0.62	212.04 4.96 -0.46	195.88 6.07 -0.19	148.11 5.15 0.00	115.08 4.00 0.00	86.33 3.24 0.00	84.34 2.46 0.00	69.07 1.68 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	68.63 -0.41 0.00	66.25 -0.87 0.00	65.70 -1.14 0.00	65.30 -1.33 0.00	64.17 -1.31 0.00	65.77 -1.14 0.00	65.77 -1.14 0.00	65.77 -1.14 0.00	66.37 -0.81 0.00	70.73 -0.71 0.00	82.54 -0.75 0.00	96.39 -0.97 0.00	109.36 -1.22 0.00	117.63 -1.31 0.00	121.57 -1.23 0.00	136.42 -1.10 0.00	177.16 -1.24 -1.26	206.54 -1.03 -0.95	188.87 -1.14 -0.40	142.39 -0.57 0.00	111.19 0.11 0.00	83.50 0.42 0.00	81.47 -0.41 0.00	66.58 -0.81 0.00
HELLGATE_13_KV_LD 55870	73.83 3.31 -1.47	69.76 3.69 1.05	68.28 3.48 2.03	66.85 2.87 2.66	66.77 2.75 1.46	68.20 3.21 1.91	69.11 3.41 1.20	71.30 4.01 -0.38	73.50 4.57 -1.76	78.16 5.07 -1.65	89.72 6.25 -0.19	106.46 8.57 -0.53	121.39 10.28 -0.53	131.80 11.78 -1.08	140.89 12.16 -5.93	185.45 13.75 -34.17	240.12 18.07 -44.91	303.32 20.66 -76.03	276.23 18.20 -68.41	192.53 13.15 -36.42	151.84 10.44 -30.32	118.84 7.31 -28.44	97.68 6.63 -9.17	77.88 4.25 -6.25
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	73.83 3.31 -1.47	69.76 3.69 1.05	68.28 3.48 2.03	66.85 2.87 2.66	66.77 2.75 1.46	68.20 3.21 1.91	69.11 3.41 1.20	71.30 4.01 -0.38	73.50 4.57 -1.76	78.16 5.07 -1.65	89.72 6.25 -0.19	106.46 8.57 -0.53	121.39 10.28 -0.53	131.80 11.78 -1.08	140.89 12.16 -5.93	185.45 13.75 -34.17	240.12 18.07 -44.91	303.32 20.66 -76.03	276.23 18.20 -68.41	192.53 13.15 -36.42	151.84 10.44 -30.32	118.84 7.31 -28.44	97.68 6.63 -9.17	77.88 4.25 -6.25
HEMPSTEAD____ 23647	126.62 4.49 -53.09	97.01 4.70 -25.20	71.32 4.48 -0.01	70.58 3.93 -0.01	69.28 3.80 -0.01	71.20 4.29 -0.01	71.39 4.48 -0.01	91.73 4.82 -20.01	103.70 5.31 -31.21	144.50 5.86 -67.20	129.70 6.83 -39.58	136.11 9.15 -29.60	140.47 10.95 -18.95	170.77 12.14 -39.69	214.93 12.65 -79.48	240.81 14.44 -88.85	295.09 18.96 -98.99	340.45 22.12 -111.71	356.99 19.53 -147.85	254.46 14.02 -97.48	155.45 11.11 -33.26	148.49 7.98 -57.42	130.33 7.45 -41.00	125.07 5.19 -52.49
HICKLING___1 23621	71.97 0.76 -2.16	67.44 -0.67 -1.00	65.50 -1.34 0.00	64.97 -1.67 0.00	63.91 -1.57 0.00	65.70 -1.20 0.00	65.63 -1.27 0.00	65.56 -1.34 0.00	66.24 -0.94 0.00	70.73 -0.71 0.00	82.57 -0.75 -0.03	95.32 -2.04 -0.01	114.46 -1.11 -4.99	122.72 -1.55 -5.33	125.72 -0.86 -3.78	145.41 -0.69 -8.58	194.79 -1.06 -18.72	234.13 -0.41 -27.92	209.72 -0.76 -20.87	149.38 -1.14 -7.56	119.29 0.78 -7.43	91.78 1.58 -7.11	85.56 -0.16 -3.84	70.29 -0.88 -3.78
HICKLING___2 23622	71.97 0.76 -2.16	67.44 -0.67 -1.00	65.50 -1.34 0.00	64.97 -1.67 0.00	63.91 -1.57 0.00	65.70 -1.20 0.00	65.63 -1.27 0.00	65.56 -1.34 0.00	66.24 -0.94 0.00	70.73 -0.71 0.00	82.57 -0.75 -0.03	95.32 -2.04 -0.01	114.46 -1.11 -4.99	122.72 -1.55 -5.33	125.72 -0.86 -3.78	145.41 -0.69 -8.58	194.79 -1.06 -18.72	234.13 -0.41 -27.92	209.72 -0.76 -20.87	149.38 -1.14 -7.56	119.29 0.78 -7.43	91.78 1.58 -7.11	85.56 -0.16 -3.84	70.29 -0.88 -3.78
HIGH FALLS___HY 23754	80.28 3.80 -7.43	74.15 3.89 -3.13	70.31 3.48 0.00	69.64 3.00 0.00	68.30 2.82 0.00	70.31 3.41 0.00	70.38 3.48 0.00	69.85 3.95 1.00	66.80 4.23 4.61	71.92 4.79 4.30	88.63 5.83 0.49	103.37 7.40 1.39	118.37 9.18 1.38	126.60 10.47 2.81	127.80 11.30 6.29	136.68 12.79 13.63	180.45 17.18 13.87	241.79 20.46 -14.72	221.53 18.58 -13.33	177.61 13.15 -21.49	146.24 10.55 -24.61	116.36 7.64 -25.63	104.08 6.80 -15.40	87.26 4.78 -15.09
HIGH_RIVER___SOLAR 323847	149.07 3.86 -76.16	106.64 3.76 -35.77	70.31 3.47 0.00	69.97 3.33 0.00	68.75 3.27 0.00	70.45 3.54 0.00	70.31 3.41 0.00	72.18 3.08 -2.19	80.32 3.03 -10.12	83.81 2.93 -9.44	87.45 3.08 -1.08	103.91 3.50 -3.05	117.69 4.09 -3.03	129.25 4.16 -6.15	140.60 4.30 -13.50	173.34 5.77 -30.04	215.69 7.61 -30.94	383.51 10.12 -166.77	418.41 10.61 -218.18	427.21 8.58 -275.67	382.04 7.44 -263.51	256.53 5.65 -167.79	196.66 5.16 -109.62	131.55 3.91 -60.25
HILLBURN___GT 23639	78.36 3.03 -6.28	73.23 3.22 -2.89	69.71 2.87 0.00	69.10 2.47 0.00	67.77 2.29 0.00	69.65 2.74 0.00	69.84 2.94 0.00	70.25 3.34 0.00	70.94 3.76 0.00	75.65 4.21 0.00	88.54 5.25 0.00	104.37 7.01 0.00	119.09 8.51 0.00	128.57 9.63 0.00	138.23 10.19 -5.24	149.37 11.41 -0.44	187.63 15.24 4.74	234.73 17.55 -10.55	194.78 15.17 10.01	184.44 10.86 -30.62	148.19 8.77 -28.34	116.15 6.23 -26.82	99.24 5.57 -11.79	84.23 3.77 -13.07
HILLSIDE_115KV_TB1 80332	71.02 -0.28 -2.24	66.61 -1.54 -1.03	64.70 -2.14 0.00	64.24 -2.40 0.00	63.25 -2.23 0.00	64.96 -1.94 0.00	64.90 -2.01 0.00	64.76 -2.14 0.00	65.36 -1.81 0.00	69.80 -1.64 0.00	81.57 -1.75 -0.02	94.35 -3.02 -0.01	112.34 -2.10 -3.87	120.57 -2.50 -4.13	123.89 -1.84 -2.93	142.24 -1.93 -6.64	189.03 -2.83 -14.73	227.41 -2.69 -23.48	204.31 -3.03 -17.73	147.67 -3.15 -7.85	118.02 -0.78 -7.72	90.81 0.33 -7.39	84.64 -1.23 -3.99	69.64 -1.68 -3.94

HISHELDN_WT_PWR 323625	68.01 -1.03 0.00	63.97 -3.15 0.00	62.69 -4.14 0.00	62.04 -4.60 0.00	61.09 -4.39 0.00	62.82 -4.08 0.00	62.22 -4.68 0.00	61.75 -5.15 0.00	62.54 -4.63 0.00	66.94 -4.50 0.00	76.56 -6.58 0.15	89.05 -8.28 0.04	78.63 -8.74 23.21	84.71 -9.52 24.71	95.85 -9.34 17.61	87.54 -9.90 40.08	82.14 -13.47 81.53	96.51 -14.25 95.85	105.34 -13.65 70.62	132.53 -10.43 0.00	105.42 -5.66 0.00	83.63 -2.49 -3.03	78.41 -4.26 -0.79	65.67 -4.31 -2.60
HOLTSVILLE_IC_1 23690	128.21 6.08 -53.09	98.49 6.17 -25.20	72.66 5.81 -0.01	71.78 5.13 -0.01	70.33 4.85 -0.01	72.40 5.49 -0.01	72.73 5.82 -0.01	93.27 6.36 -20.01	105.11 6.72 -31.21	146.94 7.21 -68.29	130.86 8.00 -39.58	133.87 10.22 -26.29	143.15 11.50 -21.08	169.23 12.49 -37.81	204.98 12.77 -69.41	251.26 14.03 -99.70	278.15 18.42 -82.59	315.35 21.49 -87.24	343.91 19.35 -134.95	256.58 14.02 -99.60	265.37 11.55 -142.74	174.16 8.64 -82.43	133.95 8.68 -43.39	126.35 6.47 -52.49
HOLTSVILLE_IC_10 23699	128.83 6.70 -53.09	99.03 6.71 -25.20	73.13 6.28 -0.01	72.24 5.60 -0.01	70.73 5.24 -0.01	72.80 5.89 -0.01	73.20 6.29 -0.01	93.74 6.83 -20.01	105.65 7.26 -31.21	147.58 7.86 -68.29	131.78 8.92 -39.58	135.05 11.29 -26.40	145.08 12.82 -21.68	176.29 13.79 -43.56	222.59 14.12 -85.67	273.05 15.54 -119.99	280.46 20.19 -83.14	319.89 23.14 -90.13	357.51 20.86 -147.04	269.02 15.01 -111.05	275.32 12.88 -151.36	180.29 9.47 -87.74	135.01 9.58 -43.55	126.95 7.07 -52.49
HOLTSVILLE_IC_2 23691	128.21 6.08 -53.09	98.49 6.17 -25.20	72.66 5.81 -0.01	71.78 5.13 -0.01	70.33 4.85 -0.01	72.40 5.49 -0.01	72.73 5.82 -0.01	93.27 6.36 -20.01	105.11 6.72 -31.21	146.94 7.21 -68.29	130.86 8.00 -39.58	133.87 10.22 -26.29	143.15 11.50 -21.08	169.23 12.49 -37.81	204.98 12.77 -69.41	251.26 14.03 -99.70	278.15 18.42 -82.59	315.35 21.49 -87.24	343.91 19.35 -134.95	256.58 14.02 -99.60	265.37 11.55 -142.74	174.16 8.64 -82.43	133.95 8.68 -43.39	126.35 6.47 -52.49
HOLTSVILLE_IC_3 23692	128.21 6.08 -53.09	98.49 6.17 -25.20	72.66 5.81 -0.01	71.78 5.13 -0.01	70.33 4.85 -0.01	72.40 5.49 -0.01	72.73 5.82 -0.01	93.27 6.36 -20.01	105.11 6.72 -31.21	146.94 7.21 -68.29	130.86 8.00 -39.58	133.87 10.22 -26.29	143.15 11.50 -21.08	169.23 12.49 -37.81	204.98 12.77 -69.41	251.26 14.03 -99.70	278.15 18.42 -82.59	315.35 21.49 -87.24	343.91 19.35 -134.95	256.58 14.02 -99.60	265.37 11.55 -142.74	174.16 8.64 -82.43	133.95 8.68 -43.39	126.35 6.47 -52.49
HOLTSVILLE_IC_4 23693	128.21 6.08 -53.09	98.49 6.17 -25.20	72.66 5.81 -0.01	71.78 5.13 -0.01	70.33 4.85 -0.01	72.40 5.49 -0.01	72.73 5.82 -0.01	93.27 6.36 -20.01	105.11 6.72 -31.21	146.94 7.21 -68.29	130.86 8.00 -39.58	133.87 10.22 -26.29	143.15 11.50 -21.08	169.23 12.49 -37.81	204.98 12.77 -69.41	251.26 14.03 -99.70	278.15 18.42 -82.59	315.35 21.49 -87.24	343.91 19.35 -134.95	256.58 14.02 -99.60	265.37 11.55 -142.74	174.16 8.64 -82.43	133.95 8.68 -43.39	126.35 6.47 -52.49
HOLTSVILLE_IC_5 23694	128.21 6.08 -53.09	98.49 6.17 -25.20	72.66 5.81 -0.01	71.78 5.13 -0.01	70.33 4.85 -0.01	72.40 5.49 -0.01	72.73 5.82 -0.01	93.27 6.36 -20.01	105.11 6.72 -31.21	146.94 7.21 -68.29	130.86 8.00 -39.58	133.87 10.22 -26.29	143.15 11.50 -21.08	169.23 12.49 -37.81	204.98 12.77 -69.41	251.26 14.03 -99.70	278.15 18.42 -82.59	315.35 21.49 -87.24	343.91 19.35 -134.95	256.58 14.02 -99.60	265.37 11.55 -142.74	174.16 8.64 -82.43	133.95 8.68 -43.39	126.35 6.47 -52.49
HOLTSVILLE_IC_6 23695	128.83 6.70 -53.09	99.03 6.71 -25.20	73.13 6.28 -0.01	72.24 5.60 -0.01	70.73 5.24 -0.01	72.80 5.89 -0.01	73.20 6.29 -0.01	93.74 6.83 -20.01	105.65 7.26 -31.21	147.58 7.86 -68.29	131.78 8.92 -39.58	135.05 11.29 -26.40	145.08 12.82 -21.68	176.29 13.79 -43.56	222.59 14.12 -85.67	273.05 15.54 -119.99	280.46 20.19 -83.14	319.89 23.14 -90.13	357.51 20.86 -147.04	269.02 15.01 -111.05	275.32 12.88 -151.36	180.29 9.47 -87.74	135.01 9.58 -43.55	126.95 7.07 -52.49
HOLTSVILLE_IC_7 23696	128.83 6.70 -53.09	99.03 6.71 -25.20	73.13 6.28 -0.01	72.24 5.60 -0.01	70.73 5.24 -0.01	72.80 5.89 -0.01	73.20 6.29 -0.01	93.74 6.83 -20.01	105.65 7.26 -31.21	147.58 7.86 -68.29	131.78 8.92 -39.58	135.05 11.29 -26.40	145.08 12.82 -21.68	176.29 13.79 -43.56	222.59 14.12 -85.67	273.05 15.54 -119.99	280.46 20.19 -83.14	319.89 23.14 -90.13	357.51 20.86 -147.04	269.02 15.01 -111.05	275.32 12.88 -151.36	180.29 9.47 -87.74	135.01 9.58 -43.55	126.95 7.07 -52.49
HOLTSVILLE_IC_8 23697	128.83 6.70 -53.09	99.03 6.71 -25.20	73.13 6.28 -0.01	72.24 5.60 -0.01	70.73 5.24 -0.01	72.80 5.89 -0.01	73.20 6.29 -0.01	93.74 6.83 -20.01	105.65 7.26 -31.21	147.58 7.86 -68.29	131.78 8.92 -39.58	135.05 11.29 -26.40	145.08 12.82 -21.68	176.29 13.79 -43.56	222.59 14.12 -85.67	273.05 15.54 -119.99	280.46 20.19 -83.14	319.89 23.14 -90.13	357.51 20.86 -147.04	269.02 15.01 -111.05	275.32 12.88 -151.36	180.29 9.47 -87.74	135.01 9.58 -43.55	126.95 7.07 -52.49
HOLTSVILLE_IC_9 23698	128.83 6.70 -53.09	99.03 6.71 -25.20	73.13 6.28 -0.01	72.24 5.60 -0.01	70.73 5.24 -0.01	72.80 5.89 -0.01	73.20 6.29 -0.01	93.74 6.83 -20.01	105.65 7.26 -31.21	147.58 7.86 -68.29	131.78 8.92 -39.58	135.05 11.29 -26.40	145.08 12.82 -21.68	176.29 13.79 -43.56	222.59 14.12 -85.67	273.05 15.54 -119.99	280.46 20.19 -83.14	319.89 23.14 -90.13	357.51 20.86 -147.04	269.02 15.01 -111.05	275.32 12.88 -151.36	180.29 9.47 -87.74	135.01 9.58 -43.55	126.95 7.07 -52.49
HOMER_HL_115KV_TB2 355744	67.67 -1.38 0.00	63.56 -3.56 0.00	62.43 -4.41 0.00	61.77 -4.86 0.00	60.77 -4.71 0.00	62.49 -4.42 0.00	62.29 -4.62 0.00	62.29 -4.62 0.00	63.15 -4.03 0.00	67.65 -3.79 0.00	80.28 -3.00 0.01	90.74 -6.62 0.00	107.96 -1.66 0.95	115.91 -2.02 1.01	121.09 -0.98 0.72	134.48 -0.96 2.08	169.94 -3.19 4.01	201.14 -2.89 2.59	181.69 -3.79 4.14	134.67 -8.29 0.00	107.19 -3.89 0.00	84.70 -1.58 -3.19	78.62 -4.09 -0.83	65.88 -4.25 -2.74
HOWARD_WT_PWR 323690	71.18 0.35 -1.78	66.40 -1.54 -0.82	64.36 -2.47 0.00	63.77 -2.86 0.00	62.86 -2.62 0.00	64.63 -2.27 0.00	64.50 -2.41 0.00	64.22 -2.68 0.00	64.62 -2.55 0.00	68.87 -2.57 0.00	79.13 -4.33 -0.17	91.56 -5.84 -0.04	132.16 -5.86 -27.45	141.42 -6.77 -29.25	136.98 -6.63 -20.81	177.88 -7.01 -47.36	266.38 -8.85 -98.10	319.23 -8.88 -121.48	269.38 -7.78 -87.55	143.06 -6.14 -6.24	114.77 -2.44 -6.13	88.68 -0.25 -5.84	83.16 -1.88 -3.16	68.07 -2.42 -3.10
HQ_GEN_CEDARS 23644	68.98 -0.07 0.00	67.19 0.07 0.00	67.17 0.33 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.17 0.27 0.00	67.17 0.27 0.00	66.90 0.00 0.00	66.64 -0.54 0.00	70.58 -0.86 0.00	82.12 -1.17 0.00	95.22 -2.14 0.00	107.92 -2.65 0.00	115.97 -2.97 0.00	119.48 -3.32 0.00	133.81 -3.71 0.00	172.53 -4.61 0.00	201.25 -5.37 0.00	184.87 -4.74 0.00	139.53 -3.43 0.00	107.53 -3.55 0.00	80.51 -2.58 0.00	80.33 -1.56 0.00	66.78 -0.61 0.00
HQ_GEN_CEDARS_PROXY 323590	68.98 -0.07 0.00	67.19 0.07 0.00	67.17 0.34 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.17 0.27 0.00	67.10 0.20 0.00	66.90 0.00 0.00	66.64 -0.54 0.00	70.59 -0.85 0.00	82.29 -1.00 0.00	95.22 -2.14 0.00	107.92 -2.65 0.00	115.97 -2.97 0.00	119.49 -3.31 0.00	133.82 -3.71 0.00	172.53 -4.61 0.00	201.25 -5.37 0.00	184.88 -4.73 0.00	139.53 -3.43 0.00	107.52 -3.56 0.00	80.60 -2.49 0.00	80.24 -1.64 0.00	66.78 -0.61 0.00

HQ_GEN_IMPORT 323601	68.36 -0.69 0.00	66.58 -0.54 0.00	66.57 -0.27 0.00	66.57 -0.07 0.00	65.41 -0.07 0.00	66.57 -0.33 0.00	66.57 -0.33 0.00	66.57 -0.33 0.00	66.57 -0.61 0.00	70.59 -0.85 0.00	82.29 -1.00 0.00	95.90 -1.46 0.00	108.80 -1.77 0.00	116.92 -2.02 0.00	120.71 -2.09 0.00	135.05 -2.47 0.00	173.95 -3.18 0.00	202.91 -3.71 0.00	186.21 -3.41 0.00	140.53 -2.43 0.00	108.41 -2.67 0.00	80.93 -2.16 0.00	80.41 -1.47 0.00	66.58 -0.81 0.00
HQ_GEN_WHEEL 23651	68.36 -0.69 0.00	66.58 -0.54 0.00	66.57 -0.27 0.00	66.57 -0.07 0.00	65.41 -0.07 0.00	66.57 -0.33 0.00	66.57 -0.33 0.00	66.57 -0.33 0.00	66.57 -0.61 0.00	70.59 -0.85 0.00	82.29 -1.00 0.00	95.90 -1.46 0.00	108.80 -1.77 0.00	116.92 -2.02 0.00	120.71 -2.09 0.00	135.05 -2.47 0.00	173.95 -3.18 0.00	202.91 -3.71 0.00	186.21 -3.41 0.00	140.53 -2.43 0.00	108.41 -2.67 0.00	80.93 -2.16 0.00	80.41 -1.47 0.00	66.58 -0.81 0.00
HUDSON AVE_GT_3 23810	79.98 3.52 -7.41	74.48 3.83 -3.53	70.38 3.54 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.18 3.28 0.00	70.45 3.55 0.00	71.43 4.15 -0.38	73.58 4.64 -1.77	78.23 5.14 -1.65	89.89 6.41 -0.19	106.56 8.67 -0.53	121.50 10.39 -0.53	131.91 11.89 -1.08	141.01 12.28 -5.93	185.75 14.03 -34.20	240.34 18.25 -44.96	303.58 20.87 -76.09	308.51 18.58 -100.31	192.67 13.30 -36.41	151.96 10.55 -30.32	118.92 7.39 -28.44	101.42 6.71 -12.83	85.68 4.38 -13.91
HUDSON AVE_GT_4 23540	79.98 3.52 -7.41	74.48 3.83 -3.53	70.38 3.54 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.18 3.28 0.00	70.45 3.55 0.00	71.43 4.15 -0.38	73.58 4.64 -1.77	78.23 5.14 -1.65	89.89 6.41 -0.19	106.56 8.67 -0.53	121.50 10.39 -0.53	131.91 11.89 -1.08	141.01 12.28 -5.93	185.75 14.03 -34.20	240.34 18.25 -44.96	303.58 20.87 -76.09	308.51 18.58 -100.31	192.67 13.30 -36.41	151.96 10.55 -30.32	118.92 7.39 -28.44	101.42 6.71 -12.83	85.68 4.38 -13.91
HUDSON AVE_GT_5 23657	79.98 3.52 -7.41	74.48 3.83 -3.53	70.38 3.54 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.18 3.28 0.00	70.45 3.55 0.00	71.43 4.15 -0.38	73.58 4.64 -1.77	78.23 5.14 -1.65	89.89 6.41 -0.19	106.56 8.67 -0.53	121.50 10.39 -0.53	131.91 11.89 -1.08	141.01 12.28 -5.93	185.75 14.03 -34.20	240.34 18.25 -44.96	303.58 20.87 -76.09	308.51 18.58 -100.31	192.67 13.30 -36.41	151.96 10.55 -30.32	118.92 7.39 -28.44	101.42 6.71 -12.83	85.68 4.38 -13.91
HUDSON_AVE_10 24168	79.77 3.31 -7.41	74.28 3.62 -3.53	70.11 3.27 0.00	69.30 2.67 0.00	68.03 2.55 0.00	69.91 3.01 0.00	70.25 3.35 0.00	71.30 4.01 -0.38	73.51 4.57 -1.77	78.16 5.07 -1.65	89.64 6.16 -0.19	106.36 8.47 -0.53	121.28 10.17 -0.53	131.55 11.54 -1.08	140.77 12.03 -5.93	185.34 13.61 -34.20	239.98 17.89 -44.96	303.17 20.46 -76.09	308.13 18.20 -100.31	192.53 13.15 -36.41	151.85 10.44 -30.32	118.75 7.23 -28.44	101.34 6.63 -12.83	85.48 4.18 -13.91
HUDSON___115KV_TB 4 355613	82.01 2.14 -10.82	72.15 2.75 -2.27	69.24 2.41 0.00	68.84 2.20 0.00	67.58 2.10 0.00	69.24 2.34 0.00	69.18 2.27 0.00	60.36 2.54 9.08	28.00 2.69 41.87	35.17 2.79 39.06	81.90 3.08 4.47	88.25 3.50 12.62	102.15 4.09 12.52	98.23 4.76 25.47	52.93 4.91 74.78	-17.83 5.78 161.12	21.57 7.97 163.54	131.88 9.92 84.66	139.75 9.29 59.16	114.63 6.58 34.91	123.39 5.44 -6.86	107.06 4.07 -19.90	120.76 3.03 -35.84	95.47 2.49 -25.59
HUNTER MOUNT___DRP 323613	81.92 1.93 -10.94	73.02 2.95 -2.95	69.38 2.54 0.00	68.90 2.27 0.00	67.64 2.16 0.00	69.31 2.41 0.00	69.18 2.27 0.00	62.71 2.81 7.00	37.86 2.96 32.27	44.41 3.07 30.10	83.18 3.33 3.44	91.34 3.70 9.72	105.24 4.31 9.65	104.31 5.00 19.63	70.76 5.40 57.44	19.97 6.19 123.74	60.24 8.68 125.58	160.17 11.16 57.61	162.00 10.62 38.23	132.93 7.43 17.47	131.76 6.22 -14.46	111.14 4.65 -23.40	116.83 2.87 -32.08	93.49 2.36 -23.75
HUNTINGTON_RES_REC 323705	127.94 5.80 -53.09	98.15 5.84 -25.20	72.33 5.48 -0.01	71.45 4.80 -0.01	70.07 4.58 -0.01	72.06 5.15 -0.01	72.40 5.49 -0.01	92.86 5.95 -20.01	104.84 6.45 -31.21	146.80 7.07 -68.29	130.78 7.92 -39.58	133.97 10.13 -26.48	153.27 12.16 -30.54	189.91 12.49 -58.48	326.94 13.01 -191.13	466.48 14.72 -314.23	278.51 19.49 -81.89	338.36 22.73 -109.01	465.87 20.30 -255.96	376.74 14.43 -219.35	424.27 11.77 -301.42	206.81 8.39 -115.34	135.51 8.52 -45.12	126.29 6.41 -52.49
HUNTLEY___63 23557	67.74 -1.31 0.00	63.76 -3.36 0.00	62.29 -4.54 0.00	61.51 -5.13 0.00	60.57 -4.91 0.00	62.29 -4.62 0.00	61.35 -5.55 0.00	60.88 -6.02 0.00	62.00 -5.17 0.00	66.51 -4.93 0.00	76.83 -6.41 0.05	88.78 -8.57 0.01	93.86 -9.73 6.98	101.17 -10.35 7.42	107.55 -9.95 5.30	115.18 -10.31 12.02	140.15 -14.70 22.29	165.72 -15.50 25.41	154.42 -15.17 20.02	131.95 -11.01 0.00	104.64 -6.44 0.00	82.46 -3.24 -2.61	76.91 -5.65 -0.68	64.64 -4.99 -2.24
HUNTLEY___64 23558	67.74 -1.31 0.00	63.76 -3.36 0.00	62.29 -4.54 0.00	61.51 -5.13 0.00	60.57 -4.91 0.00	62.29 -4.62 0.00	61.35 -5.55 0.00	60.88 -6.02 0.00	62.00 -5.17 0.00	66.51 -4.93 0.00	76.83 -6.41 0.05	88.78 -8.57 0.01	93.86 -9.73 6.98	101.17 -10.35 7.42	107.55 -9.95 5.30	115.18 -10.31 12.02	140.15 -14.70 22.29	165.72 -15.50 25.41	154.42 -15.17 20.02	131.95 -11.01 0.00	104.64 -6.44 0.00	82.46 -3.24 -2.61	76.91 -5.65 -0.68	64.64 -4.99 -2.24
HUNTLEY___65 23559	67.74 -1.31 0.00	63.76 -3.36 0.00	62.29 -4.54 0.00	61.51 -5.13 0.00	60.57 -4.91 0.00	62.29 -4.62 0.00	61.35 -5.55 0.00	60.88 -6.02 0.00	62.00 -5.17 0.00	66.51 -4.93 0.00	76.83 -6.41 0.05	88.78 -8.57 0.01	93.86 -9.73 6.98	101.17 -10.35 7.42	107.55 -9.95 5.30	115.18 -10.31 12.02	140.15 -14.70 22.29	165.72 -15.50 25.41	154.42 -15.17 20.02	131.95 -11.01 0.00	104.64 -6.44 0.00	82.46 -3.24 -2.61	76.91 -5.65 -0.68	64.64 -4.99 -2.24
HUNTLEY___66 23560	67.74 -1.31 0.00	63.76 -3.36 0.00	62.29 -4.54 0.00	61.51 -5.13 0.00	60.57 -4.91 0.00	62.29 -4.62 0.00	61.35 -5.55 0.00	60.88 -6.02 0.00	62.00 -5.17 0.00	66.51 -4.93 0.00	76.83 -6.41 0.05	88.78 -8.57 0.01	93.86 -9.73 6.98	101.17 -10.35 7.42	107.55 -9.95 5.30	115.18 -10.31 12.02	140.15 -14.70 22.29	165.72 -15.50 25.41	154.42 -15.17 20.02	131.95 -11.01 0.00	104.64 -6.44 0.00	82.46 -3.24 -2.61	76.91 -5.65 -0.68	64.64 -4.99 -2.24
HUNTLEY___67 23561	67.60 -1.45 0.00	63.43 -3.69 0.00	62.22 -4.61 0.00	61.51 -5.13 0.00	60.50 -4.98 0.00	62.15 -4.75 0.00	61.42 -5.49 0.00	60.88 -6.02 0.00	61.94 -5.24 0.00	66.44 -5.00 0.00	76.91 -6.33 0.05	89.07 -8.28 0.01	93.16 -9.40 8.02	100.36 -10.11 8.47	107.13 -9.58 6.09	113.68 -10.04 13.80	136.99 -14.35 25.80	158.30 -15.08 33.24	149.17 -14.79 25.65	132.24 -10.72 0.00	104.86 -6.22 0.00	82.77 -2.99 -2.67	77.17 -5.40 -0.70	64.83 -4.85 -2.29
HUNTLEY___68 23562	67.60 -1.45 0.00	63.43 -3.69 0.00	62.22 -4.61 0.00	61.51 -5.13 0.00	60.50 -4.98 0.00	62.15 -4.75 0.00	61.42 -5.49 0.00	60.88 -6.02 0.00	61.94 -5.24 0.00	66.44 -5.00 0.00	76.91 -6.33 0.05	89.07 -8.28 0.01	93.16 -9.40 8.02	100.36 -10.11 8.47	107.13 -9.58 6.09	113.68 -10.04 13.80	136.99 -14.35 25.80	158.30 -15.08 33.24	149.17 -14.79 25.65	132.24 -10.72 0.00	104.86 -6.22 0.00	82.77 -2.99 -2.67	77.17 -5.40 -0.70	64.83 -4.85 -2.29

HYLAND___LFGE 323620	71.05 2.00 0.00	67.05 -0.07 0.00	65.84 -1.00 0.00	64.97 -1.66 0.00	63.98 -1.50 0.00	65.83 -1.07 0.00	65.30 -1.61 0.00	64.83 -2.07 0.00	64.49 -2.69 0.00	68.01 -3.43 0.00	74.07 -9.41 -0.19	85.43 -11.98 -0.05	126.43 -14.37 -30.23	134.63 -16.53 -32.22	129.14 -16.58 -22.92	171.61 -18.16 -52.24	262.15 -22.50 -107.52	313.90 -23.35 -130.63	261.86 -18.96 -91.21	134.10 -8.86 0.00	107.75 -3.33 0.00	84.52 -1.49 -2.92	79.70 -2.94 -0.76	69.35 -4.54 -2.51
INDECK___CORINTH 23802	149.61 4.56 -76.01	107.52 4.30 -36.10	70.71 3.87 0.00	70.23 3.60 0.00	69.01 3.53 0.00	70.71 3.81 0.00	70.78 3.88 0.00	74.40 3.95 -3.55	87.90 4.36 -16.36	91.34 4.64 -15.26	89.70 4.66 -1.75	107.54 5.25 -4.93	121.54 6.08 -4.89	135.43 6.54 -9.95	153.04 7.12 -23.12	197.17 8.67 -50.98	240.78 11.35 -52.29	402.51 14.46 -181.42	432.96 14.60 -228.75	436.84 10.73 -283.15	385.62 8.99 -265.55	258.64 6.73 -168.83	194.80 5.97 -106.95	131.15 4.52 -59.25
INDECK___ILION 23567	69.81 0.76 0.00	67.86 0.74 0.00	67.44 0.60 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.57 0.67 0.00	67.64 0.74 0.00	67.57 0.67 0.00	67.98 0.81 0.00	72.30 0.86 0.00	84.29 1.00 0.00	98.63 1.27 0.00	112.01 1.44 0.00	120.49 1.55 0.00	124.39 1.60 0.00	139.45 1.93 0.00	179.26 2.13 0.00	209.10 2.48 0.00	192.08 2.46 0.00	144.68 1.72 0.00	112.41 1.33 0.00	84.09 1.00 0.00	82.62 0.74 0.00	67.79 0.40 0.00
INDECK___OLEAN 23982	67.67 -1.38 0.00	63.63 -3.49 0.00	62.36 -4.48 0.00	61.71 -4.93 0.00	60.76 -4.72 0.00	62.56 -4.35 0.00	62.29 -4.62 0.00	62.29 -4.62 0.00	63.15 -4.03 0.00	67.72 -3.72 0.00	77.95 -5.33 0.01	90.73 -6.62 0.00	107.97 -1.66 0.95	115.91 -2.02 1.01	120.97 -1.11 0.72	134.89 -0.55 2.08	171.01 -2.12 4.01	202.80 -1.23 2.59	182.44 -3.04 4.14	134.67 -8.30 0.00	107.30 -3.78 0.00	84.70 -1.58 -3.19	78.95 -3.77 -0.83	65.88 -4.24 -2.74
INDECK___OSWEGO 23783	67.32 -1.72 0.00	65.17 -1.95 0.00	64.63 -2.20 0.00	64.30 -2.33 0.00	63.25 -2.23 0.00	64.76 -4.75 0.00	64.76 -2.14 0.00	64.83 -2.07 0.00	65.30 -1.88 0.00	69.51 -1.93 0.00	81.05 -2.24 0.00	94.63 -2.73 0.00	107.36 -3.21 0.00	115.49 -3.45 0.00	119.36 -3.44 0.00	133.82 -3.71 0.00	177.90 -4.77 -5.53	205.39 -5.37 -4.14	186.61 -4.73 -1.73	139.82 -3.15 0.00	109.08 -2.00 0.00	81.84 -1.24 0.00	80.08 -1.80 0.00	65.50 -1.89 0.00
INDECK___YERKES 23781	67.73 -1.31 0.00	63.56 -3.56 0.00	62.42 -4.41 0.00	61.64 -5.00 0.00	60.57 -4.91 0.00	62.15 -4.75 0.00	61.35 -5.55 0.00	60.88 -6.02 0.00	62.00 -5.17 0.00	66.58 -4.86 0.00	76.42 -6.83 0.05	88.78 -8.57 0.01	93.86 -9.73 6.98	101.17 -10.35 7.42	107.56 -9.94 5.30	115.18 -10.32 12.02	140.33 -14.52 22.29	165.72 -15.50 25.41	154.41 -15.18 20.02	131.96 -11.01 0.00	104.64 -6.45 0.00	82.29 -3.41 -2.61	77.41 -5.16 -0.68	64.64 -4.99 -2.24
INDIAN POINT_GT_1 24139	79.55 3.18 -7.33	74.03 3.42 -3.49	69.98 3.14 0.00	69.30 2.67 0.00	67.97 2.49 0.00	69.85 2.94 0.00	69.98 3.08 0.00	70.76 3.48 -0.37	72.80 3.90 -1.72	77.48 4.43 -1.61	88.97 5.50 -0.18	105.28 7.40 -0.52	120.05 8.96 -0.52	129.98 9.99 -1.05	139.05 10.44 -5.81	178.83 11.83 -29.48	230.75 15.59 -38.02	291.51 17.98 -66.91	290.30 15.74 -84.95	189.76 11.29 -35.51	150.15 9.11 -29.96	117.62 6.40 -28.13	100.40 5.81 -12.71	85.08 3.91 -13.79
INDIAN POINT_GT_2 23659	79.55 3.18 -7.33	74.03 3.42 -3.49	69.98 3.14 0.00	69.30 2.67 0.00	67.97 2.49 0.00	69.85 2.94 0.00	69.98 3.08 0.00	70.76 3.48 -0.37	72.80 3.90 -1.72	77.48 4.43 -1.61	88.97 5.50 -0.18	105.28 7.40 -0.52	120.05 8.96 -0.52	129.98 9.99 -1.05	139.05 10.44 -5.81	178.83 11.83 -29.48	230.75 15.59 -38.02	291.51 17.98 -66.91	290.30 15.74 -84.95	189.76 11.29 -35.51	150.15 9.11 -29.96	117.62 6.40 -28.13	100.40 5.81 -12.71	85.08 3.91 -13.79
INDIAN POINT_GT_3 24019	79.55 3.18 -7.33	74.03 3.42 -3.49	69.98 3.14 0.00	69.30 2.67 0.00	67.97 2.49 0.00	69.85 2.94 0.00	69.98 3.08 0.00	70.76 3.48 -0.37	72.80 3.90 -1.72	77.48 4.43 -1.61	88.97 5.50 -0.18	105.28 7.40 -0.52	120.05 8.96 -0.52	129.98 9.99 -1.05	139.05 10.44 -5.81	178.83 11.83 -29.48	230.75 15.59 -38.02	291.51 17.98 -66.91	290.30 15.74 -84.95	189.76 11.29 -35.51	150.15 9.11 -29.96	117.62 6.40 -28.13	100.40 5.81 -12.71	85.08 3.91 -13.79
INDIAN POINT___2 23530	79.27 3.03 -7.19	73.83 3.29 -3.42	69.85 3.01 0.00	69.17 2.53 0.00	67.83 2.35 0.00	69.71 2.81 0.00	69.92 3.01 0.00	70.60 3.34 -0.36	72.58 3.76 -1.64	77.26 4.29 -1.53	88.72 5.25 -0.18	104.96 7.10 -0.50	119.70 8.63 -0.49	129.57 9.63 -1.00	138.46 10.07 -5.59	163.24 11.41 -14.31	207.97 15.24 -15.60	261.39 17.36 -37.41	239.80 15.17 -35.01	187.02 10.86 -33.20	149.18 8.77 -29.33	116.95 6.23 -27.63	99.95 5.57 -12.50	84.74 3.77 -13.59
INDIAN POINT___3 23531	79.42 3.04 -7.34	73.90 3.29 -3.50	69.84 3.01 0.00	69.17 2.53 0.00	67.90 2.42 0.00	69.71 2.81 0.00	69.85 2.94 0.00	70.62 3.35 -0.38	72.67 3.76 -1.73	77.27 4.21 -1.61	88.72 5.25 -0.18	104.99 7.11 -0.52	119.72 8.62 -0.52	129.63 9.63 -1.05	138.69 10.07 -5.83	195.82 11.28 -47.03	256.41 15.06 -64.22	325.00 17.15 -101.23	348.52 15.17 -143.73	191.07 10.72 -37.39	149.85 8.78 -29.99	117.39 6.15 -28.16	100.16 5.57 -12.71	84.95 3.77 -13.80
INGHAM_C_115KV_TB7 356103	69.88 0.83 0.00	67.92 0.81 0.00	67.50 0.67 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.64 0.74 0.00	67.71 0.80 0.00	67.64 0.74 0.00	68.05 0.87 0.00	72.37 0.93 0.00	84.37 1.08 0.00	98.63 1.27 0.00	112.01 1.44 0.00	120.37 1.43 0.00	124.39 1.60 0.00	139.31 1.79 0.00	178.73 1.59 0.00	208.69 2.07 0.00	191.70 2.09 0.00	144.39 1.43 0.00	112.08 1.00 0.00	83.67 0.58 0.00	82.29 0.41 0.00	67.52 0.13 0.00
IP CORINTH___1 23988	149.96 4.90 -76.01	107.92 4.70 -36.10	71.11 4.28 0.00	70.57 3.93 0.00	69.41 3.93 0.00	71.05 4.15 0.00	71.12 4.21 0.00	74.73 4.28 -3.55	88.24 4.70 -16.36	91.77 5.07 -15.26	90.28 5.25 -1.75	108.13 5.84 -4.93	122.10 6.63 -4.89	136.03 7.14 -9.95	153.66 7.74 -23.12	197.99 9.49 -50.98	241.65 12.22 -52.29	403.54 15.50 -181.42	433.91 15.55 -228.75	437.55 11.44 -283.15	386.18 9.55 -265.55	259.06 7.15 -168.83	195.22 6.39 -106.95	131.48 4.85 -59.25
IP___TICONDEROGA 23804	154.46 9.74 -75.68	112.17 9.06 -35.99	75.26 8.42 0.00	74.57 7.93 0.00	73.34 7.86 0.00	75.06 8.16 0.00	75.13 8.23 0.00	78.83 8.23 -3.70	93.01 8.80 -17.03	96.69 9.36 -15.89	95.27 10.16 -1.82	113.59 11.10 -5.13	128.49 12.83 -5.09	143.22 13.92 -10.36	161.95 14.98 -24.17	209.07 18.29 -53.26	255.49 23.74 -54.62	419.03 29.96 -182.45	447.31 28.63 -229.07	447.29 21.44 -282.89	393.23 17.44 -264.71	264.58 13.21 -168.28	199.96 11.87 -106.20	135.39 9.10 -58.90
ISLIP_RES_REC 323679	129.38 7.25 -53.09	99.57 7.25 -25.20	73.59 6.75 -0.01	72.64 6.00 -0.01	71.18 5.69 -0.01	73.27 6.36 -0.01	73.67 6.75 -0.01	94.27 7.36 -20.01	106.18 7.79 -31.21	148.22 8.50 -68.29	132.61 9.74 -39.58	136.20 12.37 -26.48	145.81 14.04 -21.19	180.13 15.11 -46.08	222.56 15.60 -84.17	270.24 17.33 -115.39	283.15 22.50 -83.51	322.78 26.03 -90.12	357.69 23.32 -144.76	268.41 16.86 -108.59	267.02 14.11 -141.83	182.71 10.38 -89.23	135.70 10.32 -43.50	127.49 7.61 -52.49

JAMAICA__27_KV_LOAD 355505	80.32 3.87 -7.41	74.75 4.09 -3.53	70.51 3.68 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.31 3.41 0.00	70.72 3.81 0.00	71.90 4.62 -0.38	74.25 5.31 -1.77	79.02 5.93 -1.65	90.31 6.83 -0.19	107.24 9.35 -0.53	122.27 11.17 -0.53	132.74 12.73 -1.08	142.12 13.38 -5.93	186.99 15.27 -34.20	242.29 20.19 -44.96	305.85 23.14 -76.09	310.78 20.86 -100.31	194.67 15.30 -36.41	153.51 12.11 -30.32	119.83 8.31 -28.44	102.41 7.70 -12.83	86.15 4.85 -13.91
JANIS__SOLAR 323808	76.20 3.73 -3.43	71.52 2.82 -1.58	68.91 2.07 0.00	68.57 1.93 0.00	67.64 2.16 0.00	69.51 2.61 0.00	69.78 2.87 0.00	69.71 2.81 0.00	69.93 2.76 0.00	74.22 2.78 0.00	85.97 2.66 -0.01	100.38 3.02 0.00	116.09 3.64 -1.87	124.98 4.05 -2.00	128.88 4.67 -1.42	146.61 5.91 -3.18	192.52 7.61 -7.77	235.24 10.94 -17.68	216.74 12.15 -14.98	164.69 9.73 -12.00	131.10 8.22 -11.80	99.56 6.40 -10.07	92.66 5.00 -5.78	75.46 3.10 -4.97
JARVIS____ 23743	69.53 0.49 0.00	67.59 0.47 0.00	67.24 0.40 0.00	66.97 0.33 0.00	65.81 0.33 0.00	67.37 0.47 0.00	67.37 0.47 0.00	67.31 0.40 0.00	67.65 0.47 0.00	72.01 0.57 0.00	83.95 0.66 0.00	98.23 0.87 0.00	111.57 0.99 0.00	120.01 1.07 0.00	123.90 1.10 0.00	138.76 1.23 0.00	178.73 1.59 0.00	208.48 1.86 0.00	191.32 1.70 0.00	144.25 1.28 0.00	112.19 1.11 0.00	84.00 0.92 0.00	82.62 0.74 0.00	67.86 0.48 0.00
JENNISON____1 23625	78.61 4.14 -5.42	73.04 3.42 -2.50	69.58 2.74 0.00	69.24 2.60 0.00	68.23 2.75 0.00	70.11 3.21 0.00	70.38 3.48 0.00	70.31 3.41 0.00	70.80 3.63 0.00	75.44 4.00 0.00	87.79 4.50 0.00	102.52 5.16 0.00	117.00 6.41 -0.01	125.98 7.02 -0.02	130.54 7.74 -0.01	146.62 9.08 -0.03	189.63 11.51 -0.98	235.56 14.46 -14.48	218.67 14.41 -14.65	172.80 10.87 -18.97	138.73 9.00 -18.65	105.39 6.90 -15.41	96.21 5.32 -9.00	78.37 3.57 -7.41
JENNISON____2 23626	78.61 4.14 -5.42	73.04 3.42 -2.50	69.58 2.74 0.00	69.24 2.60 0.00	68.23 2.75 0.00	70.11 3.21 0.00	70.38 3.48 0.00	70.31 3.41 0.00	70.80 3.63 0.00	75.44 4.00 0.00	87.79 4.50 0.00	102.52 5.16 0.00	117.00 6.41 -0.01	125.98 7.02 -0.02	130.54 7.74 -0.01	146.62 9.08 -0.03	189.63 11.51 -0.98	235.56 14.46 -14.48	218.67 14.41 -14.65	172.80 10.87 -18.97	138.73 9.00 -18.65	105.39 6.90 -15.41	96.21 5.32 -9.00	78.37 3.57 -7.41
JERICOHO_RISE_WT_PWR 323719	68.49 -0.55 0.00	66.72 -0.40 0.00	66.77 -0.07 0.00	66.77 0.13 0.00	65.61 0.13 0.00	66.84 -0.07 0.00	67.04 0.13 0.00	67.04 0.13 0.00	66.84 -0.33 0.00	70.51 -0.93 0.00	81.95 -1.34 0.00	95.02 -2.34 0.00	107.81 -2.76 0.00	115.49 -3.45 0.00	118.75 -4.05 0.00	132.71 -4.82 0.00	170.59 -6.55 0.00	198.98 -7.64 0.00	182.41 -7.21 0.00	137.24 -5.72 0.00	105.53 -5.55 0.00	79.10 -3.99 0.00	78.94 -2.94 0.00	65.57 -1.82 0.00
KATONAH__115KV_46KV_TB4 355592	80.29 3.66 -7.59	74.56 3.83 -3.61	70.45 3.61 0.00	69.77 3.13 0.00	68.43 2.95 0.00	70.38 3.48 0.00	70.52 3.61 0.00	71.24 3.95 -0.39	73.39 4.43 -1.79	78.11 5.00 -1.67	89.81 6.33 -0.19	106.17 8.28 -0.54	121.06 9.95 -0.53	131.09 11.06 -1.09	140.13 11.30 -6.04	166.51 13.06 -15.92	212.04 17.36 -17.55	267.24 20.04 -40.57	246.32 17.82 -38.88	190.77 12.58 -35.23	152.20 10.11 -31.01	119.19 7.06 -29.04	101.39 6.39 -13.12	85.96 4.38 -14.19
KCE_NY_1 323755	148.96 4.70 -75.22	107.52 4.57 -35.84	71.05 4.21 0.00	70.57 3.93 0.00	69.41 3.93 0.00	71.05 4.15 0.00	71.05 4.15 0.00	74.95 4.15 -3.90	89.59 4.43 -17.98	92.93 4.71 -16.78	90.46 5.25 -1.92	108.92 6.14 -5.42	123.03 7.08 -5.38	137.61 7.73 -10.94	156.68 8.23 -25.65	203.62 9.62 -56.47	247.42 12.40 -57.89	405.80 15.29 -183.88	433.35 14.23 -229.51	436.06 10.58 -282.52	383.28 8.67 -263.53	257.17 6.56 -167.52	193.00 5.97 -105.15	130.45 4.65 -58.42
KCE_NY_6_ESR 323823	68.29 -0.76 0.00	64.17 -2.95 0.00	62.76 -4.08 0.00	62.04 -4.60 0.00	61.16 -4.32 0.00	62.75 -4.15 0.00	62.15 -4.75 0.00	61.75 -5.15 0.00	62.74 -4.44 0.00	67.37 -4.07 0.00	77.49 -5.75 0.06	90.14 -7.20 0.01	95.69 -6.86 8.03	103.03 -7.37 8.54	109.83 -6.87 6.09	116.88 -6.87 13.77	139.51 -10.09 27.53	164.85 -10.12 31.65	154.76 -10.24 24.61	133.96 -9.00 0.00	106.42 -4.66 0.00	83.90 -1.99 -2.80	78.68 -3.93 -0.73	65.61 -4.18 -2.41
KEDC PORT_JEFF_GT2 24210	128.62 6.49 -53.09	98.82 6.51 -25.20	72.93 6.08 -0.01	72.04 5.40 -0.01	70.60 5.11 -0.01	72.59 5.68 -0.01	73.00 6.09 -0.01	93.54 6.62 -20.01	105.44 7.05 -31.21	147.37 7.65 -68.29	131.45 8.58 -39.58	134.63 10.90 -26.37	145.24 12.27 -22.39	174.22 12.37 -42.92	226.68 12.77 -91.12	284.40 14.17 -132.71	278.83 18.77 -82.93	319.74 21.89 -91.22	363.27 19.53 -154.12	275.21 14.16 -118.09	286.70 11.66 -163.96	180.28 8.56 -88.63	134.79 9.25 -43.65	126.76 6.88 -52.49
KEDC PORT_JEFF_GT3 24211	128.62 6.49 -53.09	98.82 6.51 -25.20	72.93 6.08 -0.01	72.04 5.40 -0.01	70.60 5.11 -0.01	72.59 5.68 -0.01	73.00 6.09 -0.01	93.54 6.62 -20.01	105.44 7.05 -31.21	147.37 7.65 -68.29	131.45 8.58 -39.58	134.63 10.90 -26.37	145.24 12.27 -22.39	174.22 12.37 -42.92	226.68 12.77 -91.12	284.40 14.17 -132.71	278.83 18.77 -82.93	319.74 21.89 -91.22	363.27 19.53 -154.12	275.21 14.16 -118.09	286.70 11.66 -163.96	180.28 8.56 -88.63	134.79 9.25 -43.65	126.76 6.88 -52.49
KEDC_GLWD_GT4 24219	126.28 4.14 -53.09	96.67 4.36 -25.20	70.92 4.08 -0.01	70.24 3.60 -0.01	68.89 3.40 -0.01	70.79 3.88 -0.01	70.99 4.08 -0.01	91.39 4.48 -20.01	103.36 4.97 -31.21	144.72 5.58 -67.70	129.70 6.83 -39.58	136.36 9.06 -29.94	140.88 10.95 -19.36	171.75 12.37 -40.45	215.25 12.89 -79.56	242.29 14.57 -90.20	297.13 19.31 -100.68	346.10 22.12 -117.35	362.78 19.53 -153.63	255.85 14.02 -98.87	155.98 11.11 -33.79	149.16 7.90 -58.18	130.00 7.12 -41.00	124.80 4.92 -52.49
KEDC_GLWD_GT5 24220	126.28 4.14 -53.09	96.67 4.36 -25.20	70.92 4.08 -0.01	70.24 3.60 -0.01	68.89 3.40 -0.01	70.79 3.88 -0.01	70.99 4.08 -0.01	91.39 4.48 -20.01	103.36 4.97 -31.21	144.72 5.58 -67.70	129.70 6.83 -39.58	136.36 9.06 -29.94	140.88 10.95 -19.36	171.75 12.37 -40.45	215.25 12.89 -79.56	242.29 14.57 -90.20	297.13 19.31 -100.68	346.10 22.12 -117.35	362.78 19.53 -153.63	255.85 14.02 -98.87	155.98 11.11 -33.79	149.16 7.90 -58.18	130.00 7.12 -41.00	124.80 4.92 -52.49
KENSICO____ 23655	79.90 3.45 -7.40	74.34 3.69 -3.53	70.24 3.41 0.00	69.57 2.93 0.00	68.23 2.75 0.00	70.11 3.21 0.00	70.25 3.35 0.00	71.03 3.75 -0.38	73.17 4.23 -1.76	77.80 4.72 -1.65	89.31 5.83 -0.19	105.78 7.89 -0.53	120.61 9.51 -0.53	130.60 10.59 -1.07	139.77 11.05 -5.92	185.27 12.51 -35.23	240.29 16.65 -46.50	303.73 19.01 -78.09	310.28 16.88 -103.79	191.45 12.01 -36.48	151.03 9.66 -30.28	118.22 6.73 -28.40	100.84 6.14 -12.81	85.46 4.18 -13.90
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	79.84 3.73 -7.07	74.11 3.89 -3.10	70.31 3.48 0.00	69.64 3.00 0.00	68.30 2.82 0.00	70.25 3.35 0.00	70.38 3.48 0.00	70.24 3.88 0.54	68.91 4.23 2.49	73.83 4.72 2.33	88.77 5.75 0.27	103.81 7.20 0.75	118.67 8.85 0.75	127.65 10.23 1.52	133.73 10.93 0.00	148.78 12.38 1.12	192.30 16.83 1.67	249.19 20.04 -22.52	225.96 18.39 -17.96	184.30 12.87 -28.48	149.64 10.44 -28.11	117.66 7.56 -27.01	102.34 6.55 -13.91	86.14 4.65 -14.11

KIAC_JFK_GT1 23816	79.56 3.11 -7.41	74.07 3.42 -3.53	69.84 3.01 0.00	68.97 2.33 0.00	67.71 2.23 0.00	69.65 2.74 0.00	70.05 3.14 0.00	71.30 4.01 -0.38	73.58 4.64 -1.77	78.30 5.22 -1.65	89.48 6.00 -0.19	106.17 8.28 -0.53	121.05 9.95 -0.53	131.55 11.54 -1.08	140.77 12.03 -5.93	185.34 13.61 -34.20	240.16 18.07 -44.96	303.37 20.66 -76.09	308.51 18.58 -100.31	192.81 13.44 -36.41	152.18 10.77 -30.32	118.84 7.31 -28.44	101.51 6.80 -12.83	85.41 4.11 -13.91
KIAC_JFK_GT2 23817	79.56 3.11 -7.41	74.07 3.42 -3.53	69.84 3.01 0.00	68.97 2.33 0.00	67.71 2.23 0.00	69.65 2.74 0.00	70.05 3.14 0.00	71.30 4.01 -0.38	73.58 4.64 -1.77	78.30 5.22 -1.65	89.48 6.00 -0.19	106.17 8.28 -0.53	121.05 9.95 -0.53	131.55 11.54 -1.08	140.77 12.03 -5.93	185.34 13.61 -34.20	240.16 18.07 -44.96	303.37 20.66 -76.09	308.51 18.58 -100.31	192.81 13.44 -36.41	152.18 10.77 -30.32	118.84 7.31 -28.44	101.51 6.80 -12.83	85.41 4.11 -13.91
KIAC_JFK____ 323774	79.57 3.11 -7.41	74.07 3.42 -3.53	69.85 3.01 0.00	68.97 2.33 0.00	67.71 2.23 0.00	69.65 2.74 0.00	70.05 3.15 0.00	71.30 4.01 -0.38	73.58 4.63 -1.77	78.30 5.21 -1.65	89.39 5.91 -0.19	106.16 8.27 -0.53	121.06 9.96 -0.53	131.55 11.53 -1.08	140.77 12.04 -5.93	185.47 13.75 -34.20	240.17 18.08 -44.96	303.57 20.86 -76.09	308.52 18.59 -100.31	192.96 13.59 -36.41	152.18 10.77 -30.32	118.92 7.39 -28.44	101.50 6.79 -12.83	85.48 4.18 -13.91
KINTIGH__24_KV_GSU 356498	67.73 -1.31 0.00	63.83 -3.29 0.00	62.83 -4.01 0.00	62.10 -4.53 0.00	61.09 -4.39 0.00	62.75 -4.15 0.00	62.09 -4.82 0.00	61.62 -5.29 0.00	62.61 -4.57 0.00	67.08 -4.36 0.00	77.52 -5.75 0.03	90.25 -7.10 0.01	96.26 -9.84 4.47	103.47 -10.70 4.77	109.22 -10.19 3.39	119.07 -10.73 7.72	146.28 -14.70 16.16	173.39 -16.12 17.12	160.42 -15.35 13.84	133.81 -9.15 0.00	105.75 -5.33 0.00	82.60 -2.74 -2.25	78.38 -4.09 -0.59	65.14 -4.18 -1.94
KINTIGH____ 23543	67.74 -1.31 0.00	63.90 -3.22 0.00	62.83 -4.01 0.00	62.11 -4.53 0.00	61.09 -4.39 0.00	62.75 -4.15 0.00	62.09 -4.82 0.00	61.62 -5.29 0.00	62.61 -4.57 0.00	67.08 -4.36 0.00	77.27 -6.00 0.03	90.25 -7.11 0.01	96.26 -9.84 4.47	103.47 -10.70 4.77	109.22 -10.19 3.39	119.21 -10.59 7.72	146.28 -14.70 16.16	173.80 -15.70 17.12	160.61 -15.17 13.84	133.81 -9.15 0.00	105.75 -5.33 0.00	82.77 -2.58 -2.25	77.88 -4.59 -0.59	65.14 -4.18 -1.94
KNTFSRNC_46_KV_46KV_LOAD 80397	69.67 0.62 0.00	67.86 0.74 0.00	67.84 1.00 0.00	67.77 1.13 0.00	66.59 1.11 0.00	67.91 1.00 0.00	68.11 1.20 0.00	68.11 1.20 0.00	67.91 0.74 0.00	71.30 -0.14 0.00	82.62 -0.67 0.00	95.61 -1.75 0.00	108.58 -1.99 0.00	116.44 -2.50 0.00	119.60 -3.19 0.00	133.67 -3.85 0.00	172.18 -4.96 0.00	200.84 -5.79 0.00	184.12 -5.50 0.00	138.39 -4.57 0.00	106.53 -4.55 0.00	80.35 -2.74 0.00	80.41 -1.47 0.00	66.64 -0.74 0.00
LACHUTE____HYDRO 323717	154.46 9.74 -75.68	112.17 9.06 -35.99	75.26 8.42 0.00	74.56 7.93 0.00	73.33 7.85 0.00	75.06 8.16 0.00	75.13 8.23 0.00	78.82 8.23 -3.70	93.01 8.80 -17.03	96.69 9.36 -15.89	95.10 9.99 -1.82	113.59 11.09 -5.13	128.49 12.82 -5.09	143.21 13.91 -10.36	161.95 14.98 -24.17	209.07 18.29 -53.26	255.50 23.74 -54.62	419.23 30.17 -182.45	447.31 28.63 -229.07	447.29 21.44 -282.89	393.23 17.44 -264.71	264.58 13.21 -168.28	200.04 11.95 -106.20	135.38 9.09 -58.90
LAWRNCV_115KV_TB1 80681	68.98 -0.07 0.00	67.25 0.13 0.00	67.24 0.40 0.00	67.17 0.53 0.00	66.14 0.65 0.00	67.24 0.33 0.00	67.10 0.20 0.00	66.64 -0.27 0.00	66.10 -1.07 0.00	69.94 -1.50 0.00	81.29 -2.00 0.00	94.24 -3.12 0.00	106.37 -4.20 0.00	114.30 -4.64 0.00	117.76 -5.03 0.00	131.88 -5.64 0.00	170.23 -6.91 0.00	198.56 -8.06 0.00	182.79 -6.83 0.00	138.10 -4.86 0.00	106.42 -4.67 0.00	79.76 -3.32 0.00	79.67 -2.21 0.00	66.51 -0.88 0.00
LEDERLE____ 23769	78.66 3.25 -6.36	73.48 3.42 -2.93	69.91 3.07 0.00	69.24 2.60 0.00	67.97 2.49 0.00	69.85 2.94 0.00	69.98 3.08 0.00	70.45 3.55 0.00	71.14 3.96 0.00	75.94 4.50 0.00	88.87 5.58 0.00	104.66 7.30 0.00	119.53 8.96 0.00	128.93 9.99 0.00	138.92 10.68 -5.44	145.81 11.96 3.68	181.98 15.94 11.10	227.35 18.39 -2.34	181.08 16.12 24.65	185.21 11.44 -30.81	149.19 9.22 -28.89	116.93 6.56 -27.27	99.72 5.90 -11.95	84.60 3.98 -13.24
LIGHTHSE_115KV_TB6 355974	69.46 0.41 0.00	67.12 0.00 0.00	66.50 -0.33 0.00	66.17 -0.47 0.00	65.15 -0.33 0.00	66.70 -0.20 0.00	66.90 0.00 0.00	66.84 -0.07 0.00	67.11 -0.07 0.00	71.37 -0.07 0.00	82.96 -0.33 0.00	96.87 -0.49 0.00	109.69 -0.88 0.00	117.87 -1.07 0.00	121.94 -0.86 0.00	137.11 -0.41 0.00	179.21 -0.71 0.00	208.50 -0.21 0.76	191.24 -2.78 -2.08	144.39 1.43 0.00	112.41 1.33 0.00	84.50 1.41 0.00	82.45 0.57 0.00	67.39 0.00 0.00
LINDEN COGEN____ 23786	58.91 2.83 12.97	56.93 3.22 13.41	56.86 2.87 12.84	56.05 2.33 12.92	56.93 2.23 10.78	55.98 2.61 13.53	56.86 2.87 12.91	57.32 3.48 13.06	59.25 3.96 11.89	59.71 4.43 16.16	69.96 5.50 18.83	86.54 7.69 18.51	101.54 9.29 18.32	100.79 10.58 28.73	114.62 11.06 19.23	139.83 12.51 10.21	182.30 16.48 11.31	214.98 18.60 10.24	214.81 16.49 -8.70	162.48 11.86 -7.66	125.94 9.33 -5.52	92.49 6.49 -2.92	82.96 5.90 4.82	61.74 3.70 9.35
LINDHRST_69_KV_BK1 356055	128.62 6.49 -53.09	98.89 6.58 -25.20	73.05 6.22 0.00	72.23 5.60 0.00	70.78 5.30 0.00	72.79 5.89 0.00	73.12 6.22 0.00	93.60 6.69 -20.01	105.58 7.19 -31.21	146.93 7.79 -67.70	131.78 8.91 -39.58	135.45 11.29 -26.80	139.79 13.05 -16.17	172.10 14.39 -38.77	198.87 14.98 -61.09	228.88 16.78 -74.58	284.45 22.14 -85.17	321.88 26.03 -89.23	337.10 23.32 -124.16	245.94 16.87 -86.11	168.60 13.55 -43.96	156.55 9.97 -63.49	133.05 9.58 -41.59	126.96 7.08 -52.49
LIPA_MISC_IPP 23656	128.28 6.15 -53.09	98.49 6.17 -25.20	72.58 5.75 0.00	71.77 5.13 0.00	70.26 4.78 0.00	72.32 5.42 0.00	72.66 5.75 0.00	93.27 6.36 -20.01	105.04 6.65 -31.21	146.94 7.22 -68.29	131.11 8.25 -39.58	134.18 10.51 -26.30	143.59 11.83 -21.19	170.70 12.96 -38.79	209.04 13.26 -72.98	255.21 14.44 -103.25	278.59 18.78 -82.68	316.46 22.11 -87.73	346.76 20.10 -137.05	259.15 14.58 -101.60	267.52 12.11 -144.33	175.53 9.06 -83.39	134.31 9.01 -43.42	126.48 6.60 -52.49
LISF__SOLAR 323691	128.48 6.35 -53.09	98.69 6.38 -25.20	72.79 5.95 -0.01	71.91 5.26 -0.01	70.46 4.97 -0.01	72.53 5.62 -0.01	72.86 5.95 -0.01	93.47 6.56 -20.01	105.25 6.86 -31.21	147.15 7.43 -68.29	131.19 8.33 -39.58	134.40 10.71 -26.33	144.04 12.16 -21.30	172.09 13.32 -39.83	212.23 13.63 -75.80	259.48 14.99 -106.96	279.75 19.84 -82.78	318.43 23.55 -88.26	350.30 21.42 -139.27	262.25 15.59 -103.70	269.67 12.66 -145.94	176.90 9.47 -84.34	134.66 9.33 -43.45	126.76 6.88 -52.49
LITTLE FALLS__HYD 24013	69.88 0.83 0.00	67.92 0.81 0.00	67.50 0.67 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.64 0.74 0.00	67.71 0.80 0.00	67.64 0.74 0.00	68.05 0.87 0.00	72.37 0.93 0.00	84.37 1.08 0.00	98.63 1.27 0.00	112.01 1.44 0.00	120.37 1.43 0.00	124.39 1.60 0.00	139.31 1.79 0.00	178.73 1.59 0.00	208.69 2.07 0.00	191.70 2.09 0.00	144.39 1.43 0.00	112.08 1.00 0.00	83.67 0.58 0.00	82.29 0.41 0.00	67.52 0.13 0.00

LITTLRIV_115KV_TB1 356100	70.01 0.97 0.00	68.26 1.14 0.00	68.11 1.27 0.00	68.10 1.47 0.00	67.05 1.57 0.00	68.17 1.27 0.00	68.11 1.20 0.00	67.50 0.60 0.00	66.91 -0.27 0.00	70.65 -0.79 0.00	82.12 -1.17 0.00	94.93 -2.43 0.00	107.15 -3.43 0.00	115.13 -3.81 0.00	118.87 -3.93 0.00	133.40 -4.13 0.00	172.18 -4.96 0.00	201.04 -5.58 0.00	185.82 -3.79 0.00	140.67 -2.29 0.00	108.41 -2.67 0.00	81.18 -1.91 0.00	80.98 -0.90 0.00	67.52 0.13 0.00
LI_NEWBRDGE___DRP 323616	126.69 4.56 -53.09	97.08 4.77 -25.20	71.38 4.54 0.00	70.63 4.00 0.00	69.34 3.86 0.00	71.25 4.35 0.00	71.39 4.48 0.00	91.80 4.88 -20.01	103.70 5.31 -31.21	145.70 5.79 -68.47	129.53 6.66 -39.58	131.76 8.76 -25.63	135.10 10.28 -14.24	156.49 11.42 -26.14	182.17 11.79 -47.58	219.24 13.34 -68.37	273.91 17.36 -79.41	306.19 20.25 -79.32	321.38 18.01 -113.75	237.20 12.87 -81.37	152.34 10.55 -30.71	139.22 7.48 -48.66	130.17 7.29 -41.00	125.07 5.19 -52.49
LOCKPORT_115KV_TB60_63_64 80432	67.67 -1.38 0.00	62.96 -4.16 0.00	62.22 -4.61 0.00	61.44 -5.20 0.00	60.50 -4.98 0.00	61.62 -5.29 0.00	60.95 -5.95 0.00	60.35 -6.56 0.00	61.47 -5.71 0.00	65.87 -5.57 0.00	76.09 -7.16 0.04	88.00 -9.35 0.01	93.77 -10.62 6.19	100.93 -11.42 6.59	107.17 -10.93 4.70	115.43 -11.41 10.68	139.36 -16.12 21.66	170.63 -17.15 18.85	157.92 -16.50 15.19	130.95 -12.01 0.00	103.86 -7.22 0.00	81.83 -3.74 -2.49	76.47 -6.06 -0.65	64.13 -5.39 -2.14
LOCKPORT___CC1 323769	67.32 -1.72 0.00	63.16 -3.96 0.00	61.55 -5.28 0.00	60.77 -5.86 0.00	60.24 -5.24 0.00	61.82 -5.09 0.00	60.68 -6.22 0.00	60.15 -6.75 0.00	61.20 -5.98 0.00	65.72 -5.72 0.00	75.59 -7.66 0.04	87.62 -9.74 0.01	92.81 -11.06 6.71	99.79 -12.01 7.14	106.16 -11.55 5.09	113.71 -12.24 11.57	136.62 -17.01 23.51	130.12 -18.18 58.32	128.33 -17.63 43.66	130.24 -12.72 0.00	103.30 -7.78 0.00	81.27 -4.32 -2.51	76.64 -5.90 -0.65	63.95 -5.59 -2.15
LOCKPORT___CC2 323770	67.32 -1.72 0.00	63.16 -3.96 0.00	61.55 -5.28 0.00	60.77 -5.86 0.00	60.24 -5.24 0.00	61.82 -5.09 0.00	60.68 -6.22 0.00	60.15 -6.75 0.00	61.20 -5.98 0.00	65.72 -5.72 0.00	75.59 -7.66 0.04	87.62 -9.74 0.01	92.81 -11.06 6.71	99.79 -12.01 7.14	106.16 -11.55 5.09	113.71 -12.24 11.57	136.62 -17.01 23.51	130.12 -18.18 58.32	128.33 -17.63 43.66	130.24 -12.72 0.00	103.30 -7.78 0.00	81.27 -4.32 -2.51	76.64 -5.90 -0.65	63.95 -5.59 -2.15
LOCKPORT___CC3 323771	67.32 -1.72 0.00	63.16 -3.96 0.00	61.55 -5.28 0.00	60.77 -5.86 0.00	60.24 -5.24 0.00	61.82 -5.09 0.00	60.68 -6.22 0.00	60.15 -6.75 0.00	61.20 -5.98 0.00	65.72 -5.72 0.00	75.59 -7.66 0.04	87.62 -9.74 0.01	92.81 -11.06 6.71	99.79 -12.01 7.14	106.16 -11.55 5.09	113.71 -12.24 11.57	136.62 -17.01 23.51	130.12 -18.18 58.32	128.33 -17.63 43.66	130.24 -12.72 0.00	103.30 -7.78 0.00	81.27 -4.32 -2.51	76.64 -5.90 -0.65	63.95 -5.59 -2.15
LOCUSVLY_69_KV_BK2 55797	127.17 5.04 -53.09	97.55 5.24 -25.20	71.72 4.88 0.00	70.97 4.33 0.00	69.61 4.13 0.00	71.52 4.62 0.00	71.72 4.82 0.00	92.20 5.29 -20.01	104.23 5.84 -31.21	145.72 6.50 -67.78	130.70 7.83 -39.58	136.47 10.13 -28.98	141.07 12.27 -18.22	169.82 13.56 -37.32	209.86 14.24 -72.82	239.02 16.09 -85.41	294.17 21.08 -95.96	339.64 24.38 -108.64	355.73 21.62 -144.50	253.39 15.44 -94.99	156.36 12.22 -33.06	147.79 8.64 -56.06	130.99 8.11 -41.00	125.68 5.80 -52.49
LONG_LAKE_PHOENIX 24014	68.15 -0.90 0.00	65.84 -1.28 0.00	65.30 -1.54 0.00	64.97 -1.67 0.00	63.84 -1.64 0.00	65.43 -1.47 0.00	65.43 -1.47 0.00	65.56 -1.34 0.00	66.03 -1.14 0.00	70.37 -1.07 0.00	82.04 -1.25 0.00	95.80 -1.56 0.00	108.81 -1.77 0.00	116.92 -2.02 0.00	120.96 -1.84 0.00	135.73 -1.79 0.00	178.87 -2.48 -4.21	207.29 -2.48 -3.15	188.65 -2.28 -1.32	141.82 -1.14 0.00	110.53 -0.56 0.00	83.01 -0.08 0.00	81.06 -0.82 0.00	66.31 -1.08 0.00
LOVETT___3 23632	79.11 2.90 -7.16	73.68 3.15 -3.41	69.71 2.87 0.00	69.04 2.40 0.00	67.71 2.23 0.00	69.58 2.68 0.00	69.71 2.81 0.00	70.47 3.21 -0.35	72.43 3.63 -1.63	77.03 4.07 -1.52	88.54 5.08 -0.17	104.76 6.91 -0.49	119.46 8.40 -0.49	129.32 9.40 -0.99	138.17 9.82 -5.54	141.86 11.00 6.67	176.17 14.70 15.67	219.77 16.74 3.59	169.11 14.60 35.11	184.23 10.44 -30.83	148.81 8.55 -29.18	116.58 5.98 -27.51	99.74 5.40 -12.45	84.56 3.64 -13.54
LOVETT___4 23642	79.11 2.90 -7.16	73.68 3.15 -3.41	69.71 2.87 0.00	69.04 2.40 0.00	67.71 2.23 0.00	69.58 2.68 0.00	69.71 2.81 0.00	70.47 3.21 -0.35	72.43 3.63 -1.63	77.03 4.07 -1.52	88.54 5.08 -0.17	104.76 6.91 -0.49	119.46 8.40 -0.49	129.32 9.40 -0.99	138.17 9.82 -5.54	141.86 11.00 6.67	176.17 14.70 15.67	219.77 16.74 3.59	169.11 14.60 35.11	184.23 10.44 -30.83	148.81 8.55 -29.18	116.58 5.98 -27.51	99.74 5.40 -12.45	84.56 3.64 -13.54
LOVETT___5 23593	79.11 2.90 -7.16	73.68 3.15 -3.41	69.71 2.87 0.00	69.04 2.40 0.00	67.71 2.23 0.00	69.58 2.68 0.00	69.71 2.81 0.00	70.47 3.21 -0.35	72.43 3.63 -1.63	77.03 4.07 -1.52	88.54 5.08 -0.17	104.76 6.91 -0.49	119.46 8.40 -0.49	129.32 9.40 -0.99	138.17 9.82 -5.54	141.86 11.00 6.67	176.17 14.70 15.67	219.77 16.74 3.59	169.11 14.60 35.11	184.23 10.44 -30.83	148.81 8.55 -29.18	116.58 5.98 -27.51	99.74 5.40 -12.45	84.56 3.64 -13.54
LOWER RAQUET___HYD 24057	68.98 -0.07 0.00	67.25 0.13 0.00	67.24 0.40 0.00	67.17 0.53 0.00	66.13 0.65 0.00	67.24 0.34 0.00	67.10 0.20 0.00	66.57 -0.33 0.00	65.97 -1.21 0.00	69.72 -1.72 0.00	81.21 -2.08 0.00	93.86 -3.50 0.00	105.82 -4.75 0.00	113.71 -5.23 0.00	117.15 -5.65 0.00	131.34 -6.19 0.00	169.70 -7.79 -0.36	198.22 -8.67 -0.27	182.33 -7.40 -0.11	137.68 -5.29 0.00	106.08 -5.00 0.00	79.52 -3.57 0.00	79.34 -2.54 0.00	66.44 -0.94 0.00
LOWER___HUDSON 24059	141.75 3.31 -69.38	104.33 3.35 -33.86	69.98 3.14 0.00	69.64 3.00 0.00	68.36 2.88 0.00	70.05 3.15 0.00	70.05 3.15 0.00	76.39 3.21 -6.27	99.52 3.42 -28.92	102.13 3.71 -26.98	90.62 4.25 -3.09	111.33 5.25 -8.71	125.30 6.08 -8.65	143.19 6.66 -17.59	172.28 6.75 -42.74	238.63 7.56 -93.55	282.70 9.91 -95.65	417.82 11.56 -199.63	433.59 10.61 -233.36	427.13 7.57 -276.59	365.68 6.33 -248.27	245.64 4.82 -157.73	178.67 4.50 -92.29	123.48 3.57 -52.52
LOWVILLE_115KV_TB2 356335	71.33 2.28 0.00	69.33 2.21 0.00	69.04 2.21 0.00	68.77 2.13 0.00	67.71 2.23 0.00	69.31 2.41 0.00	69.58 2.68 0.00	69.31 2.41 0.00	68.92 1.75 0.00	72.94 1.50 0.00	84.54 1.25 0.00	98.24 0.88 0.00	110.57 0.00 0.00	118.94 0.00 0.00	123.17 0.37 0.00	138.49 0.96 0.00	179.75 1.77 -0.84	210.35 3.10 -0.63	194.62 4.74 -0.26	147.54 4.57 0.00	114.52 3.44 0.00	85.91 2.82 0.00	83.93 2.05 0.00	68.73 1.35 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	148.89 4.63 -75.22	107.45 4.50 -35.84	70.98 4.14 0.00	70.57 3.93 0.00	69.34 3.86 0.00	70.98 4.08 0.00	70.98 4.08 0.00	74.89 4.08 -3.90	89.53 4.37 -17.98	92.86 4.64 -16.78	90.46 5.25 -1.92	108.82 6.04 -5.42	123.03 7.08 -5.38	137.49 7.61 -10.94	156.56 8.10 -25.65	203.49 9.49 -56.47	247.25 12.22 -57.89	405.38 14.88 -183.88	433.16 14.03 -229.51	435.92 10.44 -282.52	383.16 8.55 -263.53	257.09 6.48 -167.52	192.92 5.90 -105.15	130.46 4.65 -58.42

LUTHERNY_35_KV_BK2 355980	148.96 4.70 -75.22	107.52 4.56 -35.84	71.05 4.21 0.00	70.57 3.93 0.00	69.41 3.93 0.00	71.05 4.15 0.00	71.05 4.15 0.00	74.95 4.15 -3.90	89.59 4.43 -17.98	92.93 4.72 -16.78	90.54 5.33 -1.92	108.91 6.13 -5.42	123.03 7.08 -5.38	137.61 7.73 -10.94	156.68 8.23 -25.65	203.62 9.63 -56.47	247.43 12.40 -57.89	405.80 15.29 -183.88	433.35 14.22 -229.51	436.06 10.58 -282.52	383.27 8.66 -263.53	257.17 6.56 -167.52	193.01 5.98 -105.15	130.46 4.65 -58.42
LWR___OSWEGATCHIE_HYD 23850	70.08 1.04 0.00	68.13 1.01 0.00	67.91 1.07 0.00	67.77 1.13 0.00	66.72 1.24 0.00	68.11 1.20 0.00	68.17 1.27 0.00	67.77 0.87 0.00	67.24 0.07 0.00	71.23 -0.21 0.00	82.71 -0.58 0.00	96.00 -1.36 0.00	108.14 -2.43 0.00	116.20 -2.74 0.00	119.97 -2.82 0.00	134.77 -2.75 0.00	175.02 -2.83 -0.72	204.47 -2.69 -0.54	188.70 -1.14 -0.22	142.96 0.00 0.00	110.53 -0.56 0.00	82.92 -0.17 0.00	81.80 -0.08 0.00	67.59 0.20 0.00
LYONS_FALL_HYD 23570	71.40 2.35 0.00	69.33 2.21 0.00	68.91 2.07 0.00	68.63 2.00 0.00	67.58 2.09 0.00	69.18 2.28 0.00	69.38 2.48 0.00	69.24 2.34 0.00	69.13 1.95 0.00	73.29 1.85 0.00	85.21 1.92 0.00	99.11 1.75 0.00	111.91 1.33 0.00	120.48 1.54 0.00	124.64 1.84 0.00	140.13 2.61 0.00	181.48 3.73 -0.62	212.04 4.95 -0.46	195.87 6.07 -0.19	148.10 5.14 0.00	115.07 3.99 0.00	86.33 3.24 0.00	84.34 2.45 0.00	69.07 1.69 0.00
MADISON___COUNTY_LFGE 323628	71.88 2.83 0.00	69.60 2.48 0.00	68.91 2.07 0.00	68.57 1.93 0.00	67.31 1.83 0.00	68.98 2.07 0.00	69.18 2.27 0.00	69.11 2.21 0.00	69.53 2.35 0.00	73.94 2.50 0.00	86.12 2.83 0.00	99.70 2.34 0.00	113.23 2.65 0.00	121.91 2.97 0.00	126.24 3.44 0.00	141.65 4.13 0.00	183.31 5.49 -0.69	213.95 6.82 -0.51	197.03 7.21 -0.21	148.68 5.72 0.00	115.75 4.67 0.00	87.41 4.32 0.00	85.24 3.36 0.00	69.68 2.29 0.00
MALONE___115KV_TB1 356076	69.46 0.41 0.00	67.66 0.54 0.00	67.64 0.80 0.00	67.57 0.93 0.00	66.46 0.98 0.00	67.71 0.80 0.00	67.84 0.94 0.00	67.77 0.87 0.00	67.51 0.34 0.00	71.23 -0.21 0.00	82.79 -0.50 0.00	95.61 -1.75 0.00	108.47 -2.10 0.00	116.32 -2.62 0.00	119.60 -3.19 0.00	133.81 -3.71 0.00	172.35 -4.78 0.00	201.04 -5.58 0.00	184.49 -5.12 0.00	138.96 -4.00 0.00	106.86 -4.22 0.00	80.43 -2.66 0.00	80.16 -1.72 0.00	66.58 -0.81 0.00
MAPLEWOD_115KV_TB3 80458	131.47 2.76 -59.66	99.54 2.89 -29.54	69.51 2.67 0.00	69.10 2.47 0.00	67.84 2.36 0.00	69.51 2.61 0.00	69.51 2.61 0.00	76.38 2.68 0.00	101.43 2.89 -6.81	103.92 3.21 -31.37	90.39 3.75 -29.26	111.39 4.58 -9.45	125.15 5.20 -9.38	143.73 5.71 -19.08	174.92 5.77 -46.35	245.36 6.46 -101.37	289.25 8.50 -103.61	404.27 9.71 -187.94	409.70 8.72 -211.36	394.52 6.15 -245.41	331.80 5.11 -215.61	225.18 3.82 -138.27	162.77 3.68 -77.20	115.96 3.03 -45.54
MAPLE_RIDGE_WT_1 323574	68.36 -0.69 0.00	66.58 -0.54 0.00	66.37 -0.46 0.00	66.24 -0.40 0.00	65.09 -0.39 0.00	66.50 -0.40 0.00	66.50 -0.40 0.00	66.50 -0.40 0.00	66.64 -0.54 0.00	70.80 -0.64 0.00	82.46 -0.83 0.00	96.20 -1.16 0.00	109.03 -1.55 0.00	117.16 -1.78 0.00	120.71 -2.09 0.00	135.18 -2.34 0.00	173.95 -3.18 0.00	202.91 -3.71 0.00	186.39 -3.22 0.00	140.39 -2.57 0.00	108.74 -2.34 0.00	81.26 -1.83 0.00	80.32 -1.56 0.00	66.30 -1.08 0.00
MAPLE_RIDGE_WT_2 323611	68.36 -0.69 0.00	66.58 -0.54 0.00	66.37 -0.46 0.00	66.24 -0.40 0.00	65.09 -0.39 0.00	66.50 -0.40 0.00	66.50 -0.40 0.00	66.50 -0.40 0.00	66.64 -0.54 0.00	70.80 -0.64 0.00	82.46 -0.83 0.00	96.20 -1.16 0.00	109.03 -1.55 0.00	117.16 -1.78 0.00	120.71 -2.09 0.00	135.18 -2.34 0.00	173.95 -3.18 0.00	202.91 -3.71 0.00	186.39 -3.22 0.00	140.39 -2.57 0.00	108.74 -2.34 0.00	81.26 -1.83 0.00	80.32 -1.56 0.00	66.30 -1.08 0.00
MARBLE_RIVER_WT_PWR 323696	68.64 -0.41 0.00	66.92 -0.20 0.00	66.90 0.07 0.00	66.84 0.20 0.00	65.74 0.26 0.00	67.04 0.13 0.00	67.17 0.27 0.00	67.17 0.27 0.00	67.04 -0.13 0.00	70.59 -0.85 0.00	82.04 -1.25 0.00	95.12 -2.24 0.00	107.92 -2.65 0.00	115.73 -3.21 0.00	118.86 -3.93 0.00	132.85 -4.68 0.00	170.93 -6.20 0.00	199.38 -7.24 0.00	182.80 -6.82 0.00	137.53 -5.43 0.00	105.75 -5.33 0.00	79.27 -3.82 0.00	79.10 -2.78 0.00	65.70 -1.68 0.00
MARSHVLE_115KV_TB1 80742	141.70 6.35 -66.30	104.16 5.91 -31.13	72.32 5.48 0.00	71.83 5.20 0.00	70.72 5.24 0.00	72.52 5.62 0.00	72.39 5.49 0.00	73.75 4.95 -1.90	80.84 4.90 -8.76	84.40 4.79 -8.17	89.56 5.33 -0.93	105.74 5.74 -2.64	119.83 6.63 -2.62	131.17 6.90 -5.33	142.06 7.49 -11.77	172.78 9.76 -25.49	214.94 11.87 -25.94	366.90 15.70 -144.57	393.43 16.12 -187.70	396.55 13.58 -240.01	352.12 11.55 -229.49	238.78 8.89 -146.80	185.53 8.02 -95.62	126.43 6.00 -53.04
MARSH_HILL_WT_PWR 323713	71.07 0.28 -1.75	66.38 -1.54 -0.81	64.36 -2.47 0.00	63.77 -2.86 0.00	62.79 -2.69 0.00	64.63 -2.27 0.00	64.43 -2.47 0.00	64.16 -2.75 0.00	64.55 -2.62 0.00	68.73 -2.71 0.00	78.98 -4.50 -0.19	91.46 -5.94 -0.04	134.37 -6.08 -29.88	143.77 -7.02 -31.85	138.70 -6.75 -22.66	181.93 -7.16 -51.57	274.82 -9.03 -106.71	329.18 -9.09 -131.64	276.45 -7.96 -94.79	142.94 -6.12 -6.12	114.66 -2.44 -6.02	88.58 -0.25 -5.74	83.11 -1.88 -3.11	68.08 -2.36 -3.05
MCINTYRE_115KV_TB2 80467	70.50 1.45 0.00	68.66 1.54 0.00	68.51 1.67 0.00	68.50 1.87 0.00	67.51 2.03 0.00	68.58 1.67 0.00	68.58 1.67 0.00	67.97 1.07 0.00	67.24 0.07 0.00	71.01 -0.43 0.00	82.46 -0.83 0.00	95.32 -2.04 0.00	107.70 -2.87 0.00	115.85 -3.09 0.00	119.60 -3.19 0.00	134.22 -3.30 0.00	173.42 -3.72 0.00	202.70 -3.93 0.00	187.53 -2.09 0.00	142.10 -0.86 0.00	109.53 -1.56 0.00	82.01 -1.08 0.00	81.72 -0.16 0.00	68.06 0.67 0.00
MECO_____69_KV_BK1 80468	147.59 7.39 -71.16	107.45 6.91 -33.41	73.25 6.42 0.00	72.77 6.13 0.00	71.64 6.16 0.00	73.46 6.56 0.00	73.39 6.49 0.00	75.10 6.16 -2.05	82.85 6.25 -9.43	86.45 6.22 -8.80	91.21 6.91 -1.01	107.80 7.59 -2.84	122.24 8.85 -2.82	133.83 9.16 -5.73	145.49 10.07 -12.62	178.21 12.65 -28.04	222.11 16.12 -28.85	384.00 21.28 -156.10	414.01 20.67 -203.73	416.87 16.30 -257.61	370.77 13.44 -246.25	250.37 10.14 -157.14	193.57 9.17 -102.52	130.92 6.94 -56.60
MENANDS___115KV_TB5 355628	127.23 2.21 -55.98	97.11 2.42 -27.58	69.04 2.21 0.00	68.70 2.07 0.00	67.44 1.96 0.00	69.11 2.21 0.00	69.04 2.14 0.00	75.11 2.27 -5.94	97.02 2.49 -27.36	99.68 2.71 -25.52	89.46 3.25 -2.92	109.60 3.99 -8.25	123.29 4.53 -8.18	140.58 5.00 -16.64	167.28 4.91 -39.57	229.57 5.36 -86.68	272.89 7.09 -88.66	385.65 8.06 -170.97	390.25 7.02 -193.62	374.07 4.86 -226.24	315.70 4.11 -200.51	215.79 3.07 -129.63	158.30 2.95 -73.47	113.72 2.56 -43.78
MG INDUSTRY___DRP 24185	83.09 0.55 -13.49	72.29 0.87 -4.30	67.57 0.74 0.00	67.30 0.67 0.00	66.14 0.65 0.00	67.71 0.80 0.00	67.57 0.67 0.00	61.14 0.67 6.43	38.26 0.74 29.66	44.56 0.79 27.67	81.04 0.92 3.16	89.59 1.17 8.94	103.03 1.33 8.87	102.44 1.55 18.04	70.60 1.35 53.55	23.79 1.38 115.11	62.39 1.95 116.70	162.13 2.07 46.56	164.95 1.90 26.56	138.86 1.29 5.39	136.70 1.44 -24.17	113.52 1.08 -29.35	117.62 0.90 -34.83	93.59 0.88 -25.33

MID___OSWEGATCHIE_HYD 23849	70.08 1.04 0.00	68.13 1.01 0.00	67.91 1.07 0.00	67.77 1.13 0.00	66.72 1.24 0.00	68.11 1.20 0.00	68.17 1.27 0.00	67.77 0.87 0.00	67.24 0.07 0.00	71.23 -0.21 0.00	82.71 -0.58 0.00	96.00 -1.36 0.00	108.14 -2.43 0.00	116.20 -2.74 0.00	119.97 -2.82 0.00	134.77 -2.75 0.00	175.02 -2.83 -0.72	204.47 -2.69 -0.54	188.70 -1.14 -0.22	142.96 0.00 0.00	110.53 -0.56 0.00	82.92 -0.17 0.00	81.80 -0.08 0.00	67.59 0.20 0.00
MID___RAQUETTE_HYD 23851	68.98 -0.07 0.00	67.25 0.13 0.00	67.24 0.40 0.00	67.17 0.53 0.00	66.14 0.65 0.00	67.24 0.33 0.00	67.10 0.20 0.00	66.57 -0.33 0.00	65.97 -1.21 0.00	69.73 -1.71 0.00	81.04 -2.25 0.00	93.86 -3.50 0.00	105.82 -4.75 0.00	113.71 -5.23 0.00	117.15 -5.65 0.00	131.33 -6.19 0.00	169.88 -7.62 -0.36	198.21 -8.68 -0.27	182.33 -7.39 -0.11	137.67 -5.29 0.00	106.08 -5.00 0.00	79.52 -3.57 0.00	79.51 -2.37 0.00	66.44 -0.94 0.00
MILLIKEN___1 23584	72.65 1.66 -1.95	68.96 0.94 -0.90	67.30 0.47 0.00	66.90 0.27 0.00	65.94 0.46 0.00	67.64 0.74 0.00	67.71 0.80 0.00	67.84 0.94 0.00	68.32 1.14 0.00	72.73 1.29 0.00	84.72 1.42 -0.01	98.73 1.36 0.00	114.36 1.77 -2.02	122.99 1.90 -2.15	126.54 2.21 -1.53	143.83 2.89 -3.42	189.28 3.54 -8.60	226.73 5.17 -14.94	206.70 5.50 -11.59	154.20 4.43 -6.81	121.89 4.11 -6.70	92.62 3.49 -6.04	87.62 2.37 -3.36	71.70 1.21 -3.10
MILLIKEN___2 23585	72.65 1.66 -1.95	68.96 0.94 -0.90	67.30 0.47 0.00	66.90 0.27 0.00	65.94 0.46 0.00	67.64 0.74 0.00	67.71 0.80 0.00	67.84 0.94 0.00	68.32 1.14 0.00	72.73 1.29 0.00	84.72 1.42 -0.01	98.73 1.36 0.00	114.36 1.77 -2.02	122.99 1.90 -2.15	126.54 2.21 -1.53	143.83 2.89 -3.42	189.28 3.54 -8.60	226.73 5.17 -14.94	206.70 5.50 -11.59	154.20 4.43 -6.81	121.89 4.11 -6.70	92.62 3.49 -6.04	87.62 2.37 -3.36	71.70 1.21 -3.10
MILLIKEN___DIESEL 23629	72.65 1.66 -1.95	68.96 0.94 -0.90	67.30 0.47 0.00	66.90 0.27 0.00	65.94 0.46 0.00	67.64 0.74 0.00	67.71 0.80 0.00	67.84 0.94 0.00	68.32 1.14 0.00	72.73 1.29 0.00	84.72 1.42 -0.01	98.73 1.36 0.00	114.36 1.77 -2.02	122.99 1.90 -2.15	126.54 2.21 -1.53	143.83 2.89 -3.42	189.28 3.54 -8.60	226.73 5.17 -14.94	206.70 5.50 -11.59	154.20 4.43 -6.81	121.89 4.11 -6.70	92.62 3.49 -6.04	87.62 2.37 -3.36	71.70 1.21 -3.10
MILLSEAT___LFGE 323607	69.46 0.42 0.00	65.17 -1.95 0.00	63.50 -3.34 0.00	62.64 -4.00 0.00	62.07 -3.41 0.00	63.76 -3.14 0.00	62.62 -4.28 0.00	62.42 -4.48 0.00	63.48 -3.69 0.00	68.01 -3.43 0.00	78.34 -4.91 0.03	90.05 -7.30 0.01	96.91 -8.41 5.26	104.29 -9.04 5.60	110.21 -8.60 3.99	119.92 -8.53 9.07	146.86 -11.87 18.41	178.90 -11.99 15.74	165.12 -11.57 12.92	134.96 -8.00 0.00	106.86 -4.22 0.00	83.49 -1.99 -2.40	79.56 -2.94 -0.63	66.01 -3.43 -2.06
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	79.67 3.25 -7.37	74.12 3.49 -3.51	70.04 3.21 0.00	69.37 2.73 0.00	68.10 2.62 0.00	69.98 3.08 0.00	70.11 3.21 0.00	70.90 3.61 -0.38	72.96 4.03 -1.75	77.57 4.50 -1.63	89.06 5.58 -0.19	105.38 7.50 -0.53	120.17 9.07 -0.52	130.11 10.11 -1.07	139.24 10.56 -5.89	183.70 11.83 -34.35	238.13 15.77 -45.23	300.98 17.98 -76.39	306.53 15.93 -100.99	190.65 11.44 -36.25	150.46 9.22 -30.16	117.87 6.48 -28.30	100.55 5.90 -12.77	85.21 3.98 -13.85
MILLWOOD_13_KV_LOAD 356217	79.94 3.52 -7.37	74.32 3.69 -3.51	70.24 3.41 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.18 3.28 0.00	70.31 3.41 0.00	71.10 3.81 -0.38	73.16 4.23 -1.75	77.86 4.79 -1.63	89.47 6.00 -0.19	105.87 7.98 -0.53	120.72 9.62 -0.52	130.71 10.70 -1.07	139.73 11.05 -5.89	184.52 12.65 -34.35	239.19 16.83 -45.23	302.43 19.42 -76.39	307.86 17.25 -100.99	191.51 12.29 -36.25	151.13 9.89 -30.16	118.28 6.90 -28.30	100.88 6.22 -12.77	85.41 4.18 -13.85
MODEL_CITY_ENERGY 24167	67.25 -1.80 0.00	63.09 -4.03 0.00	61.22 -5.61 0.00	60.51 -6.13 0.00	60.24 -5.24 0.00	61.75 -5.15 0.00	60.35 -6.55 0.00	59.75 -7.16 0.00	60.86 -6.32 0.00	65.30 -6.14 0.00	75.17 -8.08 0.04	87.32 -10.03 0.01	92.79 -11.28 6.51	99.75 -12.25 6.94	106.07 -11.79 4.94	113.78 -12.51 11.23	136.53 -17.35 23.25	163.81 -18.80 24.01	152.48 -18.20 18.93	129.67 -13.29 0.00	102.86 -8.22 0.00	80.80 -4.82 -2.53	76.24 -6.30 -0.66	63.63 -5.93 -2.18
MODERN_LFGE___ 323580	67.25 -1.80 0.00	63.09 -4.03 0.00	61.22 -5.61 0.00	60.51 -6.13 0.00	60.24 -5.24 0.00	61.75 -5.15 0.00	60.35 -6.55 0.00	59.75 -7.16 0.00	60.86 -6.32 0.00	65.30 -6.14 0.00	75.17 -8.08 0.04	87.32 -10.03 0.01	92.79 -11.28 6.51	99.75 -12.25 6.94	106.07 -11.79 4.94	113.78 -12.51 11.23	136.53 -17.35 23.25	163.81 -18.80 24.01	152.48 -18.20 18.93	129.67 -13.29 0.00	102.86 -8.22 0.00	80.80 -4.82 -2.53	76.24 -6.30 -0.66	63.63 -5.93 -2.18
MOHAWK_PAPER___DRP 24187	131.47 2.76 -59.66	99.54 2.89 -29.54	69.51 2.67 0.00	69.10 2.47 0.00	67.84 2.36 0.00	69.51 2.61 0.00	69.51 2.61 0.00	76.38 2.68 -6.81	101.43 2.89 -31.37	103.92 3.21 -29.26	90.39 3.75 -3.35	111.39 4.58 -9.45	125.15 5.20 -9.38	143.73 5.71 -19.08	174.92 5.77 -46.35	245.36 6.46 -101.37	289.25 8.50 -103.61	404.27 9.71 -187.94	409.70 8.72 -211.36	394.52 6.15 -245.41	331.80 5.11 -215.61	225.18 3.82 -138.27	162.77 3.68 -77.20	115.96 3.03 -45.54
MOHICAN___35_KV_115KV_LD 80490	150.06 5.52 -75.49	108.35 5.30 -35.93	71.65 4.81 0.00	71.17 4.53 0.00	69.93 4.45 0.00	71.65 4.75 0.00	71.72 4.82 0.00	75.50 4.82 -3.78	89.91 5.31 -17.43	93.27 5.57 -16.26	91.15 6.00 -1.86	109.23 6.62 -5.25	123.42 7.63 -5.21	137.87 8.33 -10.60	156.43 8.84 -24.79	202.84 10.73 -54.60	247.11 13.99 -55.98	407.23 17.56 -183.04	435.93 17.07 -229.25	438.42 12.72 -282.73	385.85 10.55 -264.22	258.95 7.89 -167.97	194.69 7.04 -105.76	131.48 5.39 -58.70
MONGAUP___HYD 23641	78.23 3.18 -6.01	73.18 3.29 -2.77	69.77 2.94 0.00	69.10 2.47 0.00	67.77 2.29 0.00	69.65 2.74 0.00	69.78 2.87 0.00	70.05 3.15 0.00	70.47 3.29 0.00	74.58 3.14 0.00	86.95 3.66 0.00	102.23 4.87 0.00	116.76 6.19 0.00	126.08 7.14 0.00	134.16 6.63 -4.74	148.30 7.70 -3.08	187.47 10.63 0.29	235.58 13.03 -15.93	202.57 12.15 -0.81	180.65 8.58 -29.12	144.95 7.12 -26.75	114.57 5.99 -25.49	98.24 5.08 -11.28	83.82 3.91 -12.53
MONTAUK___DIESEL 23721	130.35 8.22 -53.09	100.23 7.92 -25.20	73.99 7.15 0.00	73.03 6.40 0.00	71.44 5.96 0.00	73.59 6.69 0.00	73.53 6.62 0.00	94.61 7.69 -20.01	107.26 8.87 -31.21	149.80 10.07 -68.29	134.94 12.08 -39.58	138.76 15.09 -26.31	148.94 17.14 -21.23	176.63 18.55 -39.14	216.13 19.28 -74.05	260.44 18.29 -104.63	283.76 23.91 -82.71	323.26 28.72 -87.92	353.65 26.17 -137.87	264.07 18.73 -102.38	270.18 14.11 -145.00	178.61 11.80 -83.72	136.37 11.05 -43.43	128.51 8.63 -52.49
MOONROAD_115KV_HARTFLD_TB1-2 355988	69.25 0.21 0.00	64.37 -2.75 0.00	63.03 -3.81 0.00	62.51 -4.13 0.00	61.49 -3.99 0.00	63.16 -3.75 0.00	63.36 -3.55 0.00	63.16 -3.75 0.00	64.09 -3.09 0.00	68.44 -3.00 0.00	79.59 -3.66 0.04	92.39 -4.97 0.01	102.06 -3.21 5.30	109.74 -3.57 5.63	115.70 -3.07 4.03	125.03 -2.75 9.75	152.52 -5.31 19.30	178.43 -6.41 21.79	165.28 -6.64 17.70	136.67 -6.29 0.00	109.08 -2.00 0.00	86.32 0.25 -2.98	80.20 -2.46 -0.78	67.25 -2.70 -2.56

MORRIS_RIDGE___SOLAR 323848	70.16 -0.55 -1.67	65.48 -2.41 -0.77	63.56 -3.27 0.00	62.91 -3.73 0.00	62.01 -3.47 0.00	63.69 -3.21 0.00	63.35 -3.55 0.00	62.96 -3.95 0.00	63.42 -3.76 0.00	67.65 -3.79 0.00	77.19 -5.83 0.27	89.89 -7.40 0.06	61.26 -7.63 41.68	66.10 -8.44 44.40	83.07 -8.11 31.61	56.82 -8.66 72.04	18.60 -11.51 147.02	22.94 -11.99 171.69	56.74 -11.00 121.87	140.51 -8.30 -5.84	112.93 -3.89 -5.74	87.18 -1.41 -5.50	81.82 -3.03 -2.97	67.02 -3.30 -2.94
MORTIMER_115KV_TB3 55949	69.32 0.28 0.00	65.78 -1.34 0.00	64.83 -2.01 0.00	64.10 -2.53 0.00	63.06 -2.42 0.00	64.70 -2.21 0.00	64.23 -2.68 0.00	64.23 -2.68 0.00	65.16 -2.02 0.00	69.65 -1.79 0.00	80.71 -2.58 0.00	94.15 -3.21 0.00	105.62 -4.98 -0.02	113.61 -5.35 -0.02	117.78 -5.03 -0.02	133.03 -4.54 -0.04	170.68 -6.38 0.08	201.15 -6.20 -0.72	183.88 -6.26 -0.52	139.96 -3.00 0.00	109.97 -1.11 0.00	83.25 0.17 0.00	80.33 -1.56 0.00	65.57 -1.82 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	79.84 3.38 -7.41	74.41 3.76 -3.53	70.31 3.48 0.00	69.57 2.93 0.00	68.23 2.75 0.00	70.11 3.21 0.00	70.31 3.41 0.00	71.23 3.95 -0.38	73.38 4.43 -1.77	78.02 4.93 -1.65	89.56 6.08 -0.19	106.17 8.28 -0.53	121.06 9.95 -0.53	131.20 11.18 -1.08	140.40 11.67 -5.94	184.87 13.20 -34.15	239.38 17.36 -44.88	302.45 19.84 -75.99	307.38 17.63 -100.13	192.10 12.72 -36.41	151.51 10.11 -30.33	118.59 7.06 -28.44	101.10 6.39 -12.83	85.55 4.25 -13.91
MUNSVILLE_WIND_PWR 323609	79.76 6.28 -4.43	74.40 5.24 -2.04	71.12 4.28 0.00	70.77 4.13 0.00	69.94 4.45 0.00	71.85 4.95 0.00	72.39 5.49 0.00	72.32 5.42 0.00	72.82 5.64 0.00	77.44 6.00 0.00	89.63 6.33 -0.01	104.76 7.40 0.00	120.88 8.85 -1.45	130.25 9.76 -1.55	134.46 10.56 -1.10	152.78 12.79 -2.47	199.57 16.29 -6.15	245.69 20.86 -18.21	227.37 21.42 -16.34	174.89 16.43 -15.50	139.53 13.21 -15.24	105.72 9.88 -12.75	97.22 7.94 -7.40	78.97 5.39 -6.19
N SALMON___HYD 24042	69.46 0.42 0.00	67.65 0.53 0.00	67.64 0.80 0.00	67.57 0.93 0.00	66.46 0.98 0.00	67.71 0.81 0.00	67.84 0.94 0.00	67.77 0.87 0.00	67.51 0.34 0.00	71.23 -0.21 0.00	82.96 -0.33 0.00	95.61 -1.75 0.00	108.47 -2.10 0.00	116.32 -2.62 0.00	119.60 -3.19 0.00	133.82 -3.71 0.00	172.18 -4.96 0.00	201.05 -5.57 0.00	184.50 -5.11 0.00	138.96 -4.00 0.00	106.86 -4.22 0.00	80.43 -2.66 0.00	80.08 -1.80 0.00	66.58 -0.81 0.00
N.AKRON__115KV_KNAPP 355671	69.25 0.21 0.00	64.57 -2.55 0.00	63.69 -3.14 0.00	62.90 -3.73 0.00	61.94 -3.54 0.00	63.16 -3.75 0.00	62.49 -4.42 0.00	62.22 -4.68 0.00	63.28 -3.90 0.00	67.73 -3.71 0.00	78.26 -5.00 0.04	89.95 -7.40 0.01	96.70 -8.40 5.47	104.08 -9.04 5.83	110.05 -8.60 4.15	119.56 -8.53 9.43	145.77 -12.22 19.14	178.00 -12.19 16.44	164.24 -11.95 13.43	134.67 -8.29 0.00	106.64 -4.44 0.00	84.18 -1.33 -2.42	78.83 -3.68 -0.63	65.82 -3.64 -2.08
N.E_GEN_SANDY PD 24062	97.26 2.97 -25.25	83.03 3.22 -12.69	77.30 3.01 -7.45	74.96 2.73 -5.59	75.22 2.62 -7.12	77.40 3.01 -7.48	77.26 2.94 -7.42	87.09 3.08 -17.11	92.48 3.29 -22.01	100.19 3.64 -25.11	102.18 4.41 -14.48	113.97 5.74 -10.87	122.20 6.75 -4.88	150.00 7.50 -23.56	150.00 7.49 -19.71	190.26 8.25 -44.49	234.06 10.81 -46.12	305.30 11.98 -86.70	291.10 10.80 -90.68	250.00 7.57 -99.47	204.25 6.44 -86.73	150.29 4.73 -62.47	119.70 4.58 -33.24	95.47 3.64 -24.45
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	79.21 3.04 -7.12	73.73 3.22 -3.39	69.78 2.94 0.00	69.10 2.47 0.00	67.77 2.29 0.00	69.65 2.74 0.00	69.78 2.88 0.00	70.25 3.35 0.00	70.94 3.76 0.00	75.65 4.21 0.00	88.54 5.25 0.00	104.37 7.01 0.00	119.20 8.62 0.00	128.57 9.63 0.00	138.47 10.19 -5.48	144.18 11.41 4.76	179.61 15.23 12.76	224.37 17.56 -0.19	176.53 15.36 28.44	184.65 10.87 -30.83	148.97 8.89 -29.00	116.68 6.23 -27.36	99.43 5.57 -11.98	84.43 3.77 -13.27
N.QUEENS_27_KV_LOAD 356247	79.57 3.11 -7.42	74.15 3.49 -3.54	70.19 3.34 -0.01	69.43 2.80 0.01	68.11 2.62 -0.01	69.97 3.08 0.01	70.17 3.28 0.01	71.11 3.81 -0.39	73.24 4.30 -1.76	77.81 4.72 -1.66	89.32 5.83 -0.20	105.88 7.98 -0.54	120.73 9.62 -0.54	130.97 10.94 -1.08	140.04 11.30 -5.94	184.49 12.79 -34.18	238.89 16.83 -44.92	301.88 19.22 -76.04	306.52 16.69 -100.22	191.53 12.15 -36.42	151.41 10.00 -30.33	118.35 6.81 -28.45	100.94 6.22 -12.84	85.28 3.98 -13.92
N.TROY___115KV_TB1 355778	141.75 3.31 -69.38	104.33 3.36 -33.86	69.98 3.14 0.00	69.64 3.00 0.00	68.36 2.88 0.00	70.05 3.14 0.00	70.05 3.14 0.00	76.39 3.21 -6.27	99.52 3.43 -28.92	102.13 3.71 -26.98	90.71 4.33 -3.09	111.33 5.26 -8.71	125.30 6.08 -8.65	143.19 6.66 -17.59	172.29 6.75 -42.74	238.64 7.56 -93.55	282.71 9.92 -95.65	417.62 11.36 -199.63	433.41 10.43 -233.36	427.13 7.58 -276.59	365.68 6.33 -248.27	245.64 4.82 -157.73	178.67 4.50 -92.29	123.48 3.57 -52.52
NARROWS_GT1_1 24228	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.43 11.42 -1.07	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT1_2 24229	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.43 11.42 -1.07	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT1_3 24230	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.43 11.42 -1.07	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT1_4 24231	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.43 11.42 -1.07	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT1_5 24232	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.43 11.42 -1.07	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65

NARROWS_GT1_6 24233	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.43 11.42 -1.07	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT1_7 24234	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.43 11.42 -1.07	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT1_8 24235	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.43 11.42 -1.07	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT2_1 24236	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.45 11.42 -1.09	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT2_2 24237	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.45 11.42 -1.09	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT2_3 24238	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.45 11.42 -1.09	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT2_4 24239	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.45 11.42 -1.09	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT2_5 24240	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.45 11.42 -1.09	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT2_6 24241	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.45 11.42 -1.09	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT2_7 24242	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.45 11.42 -1.09	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NARROWS_GT2_8 24243	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.30 4.36 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	121.05 9.96 -0.52	131.45 11.42 -1.09	140.15 11.42 -5.93	184.76 13.07 -34.17	239.05 17.01 -44.91	302.07 19.42 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.28 9.88 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	81.92 1.93 -10.94	73.02 2.95 -2.95	69.38 2.54 0.00	68.90 2.27 0.00	67.64 2.16 0.00	69.31 2.41 0.00	69.18 2.27 0.00	62.71 2.81 7.00	37.86 2.96 32.27	44.41 3.07 30.10	83.18 3.33 3.44	91.34 3.70 9.72	105.24 4.31 9.65	104.31 5.00 19.63	70.76 5.40 57.44	19.97 6.19 123.74	60.24 8.68 125.58	160.17 11.16 57.61	162.00 10.62 38.23	132.93 7.43 17.47	131.76 6.22 -14.46	111.14 4.65 -23.40	116.83 2.87 -32.08	93.49 2.36 -23.75
NCHELSEA_115KV_TR2 355582	79.63 3.66 -6.92	74.14 3.83 -3.19	70.38 3.54 0.00	69.70 3.07 0.00	68.36 2.88 0.00	70.25 3.35 0.00	70.38 3.48 0.00	70.78 3.88 0.00	71.48 4.30 0.00	76.23 4.79 0.00	89.20 5.91 0.00	104.86 7.50 0.00	119.64 9.07 0.00	129.29 10.35 0.00	138.23 10.93 -4.50	159.65 12.38 -9.75	203.53 16.47 -9.92	257.94 19.22 -32.10	233.95 17.44 -26.89	187.74 12.15 -32.63	150.45 9.78 -29.60	118.33 7.06 -28.18	101.06 6.30 -12.87	85.90 4.51 -14.00
NEG CAPITAL___MECHNVIL 23645	147.60 4.83 -73.72	107.10 4.63 -35.35	71.18 4.34 0.00	70.70 4.07 0.00	69.48 3.99 0.00	71.19 4.29 0.00	71.19 4.29 0.00	75.75 4.29 -4.57	92.85 4.63 -21.04	96.00 4.93 -19.63	91.12 5.58 -2.25	110.23 6.52 -6.34	124.49 7.62 -6.29	140.06 8.32 -12.80	161.94 8.72 -30.42	214.52 10.18 -66.82	258.86 13.29 -68.43	411.27 16.13 -188.52	435.54 14.98 -230.95	435.30 11.01 -281.33	379.80 8.99 -259.72	254.87 6.73 -165.06	189.85 6.22 -101.75	129.11 4.85 -56.87
NEG CENTRAL_HIGH_ACRES 23767	68.36 -0.69 0.00	65.11 -2.01 0.00	64.23 -2.61 0.00	63.57 -3.06 0.00	62.53 -2.95 0.00	64.16 -2.75 0.00	63.89 -3.01 0.00	64.03 -2.87 0.00	64.89 -2.28 0.00	69.37 -2.07 0.00	80.62 -2.67 0.00	93.86 -3.50 0.00	105.59 -4.97 0.01	113.46 -5.47 0.01	117.64 -5.15 0.01	132.69 -4.82 0.02	170.47 -6.55 0.12	199.81 -6.81 0.00	183.17 -6.45 0.00	139.39 -3.57 0.00	109.30 -1.78 0.00	82.51 -0.58 0.00	80.16 -1.72 0.00	65.09 -2.29 0.00

NEG CENTRAL___DRP 24199	69.74 0.69 0.00	66.85 -0.27 0.00	66.03 -0.80 0.00	65.57 -1.07 0.00	64.50 -0.98 0.00	66.17 -0.74 0.00	66.23 -0.67 0.00	66.37 -0.54 0.00	66.97 -0.20 0.00	71.44 0.00 0.00	83.31 0.00 -0.02	96.78 -0.58 0.00	112.45 -1.00 -2.87	120.81 -1.19 -3.06	124.11 -0.86 -2.17	142.03 -0.41 -4.92	188.20 -0.53 -11.59	222.14 0.21 -15.31	199.07 0.38 -9.08	143.53 0.57 0.00	112.41 1.33 0.00	87.06 1.83 -2.14	83.10 0.66 -0.56	69.02 -0.20 -1.84
NEG CENTRAL___INDECK 23768	69.74 0.69 0.00	65.91 -1.21 0.00	64.76 -2.07 0.00	63.97 -2.67 0.00	62.99 -2.49 0.00	64.76 -2.14 0.00	64.36 -2.54 0.00	64.16 -2.75 0.00	64.42 -2.76 0.00	68.44 -3.00 0.00	76.82 -6.67 -0.19	88.84 -8.57 -0.05	130.55 -10.40 -30.37	139.53 -11.78 -32.37	134.16 -11.67 -23.03	177.50 -12.51 -52.49	269.39 -15.77 -108.02	321.31 -16.54 -131.23	267.02 -14.22 -91.63	135.52 -7.44 0.00	108.09 -2.99 0.00	84.68 -1.33 -2.92	79.94 -2.70 -0.76	68.22 -1.68 -2.51
NEG CENTRAL___SENECA 23627	70.08 1.04 0.00	66.85 -0.27 0.00	65.97 -0.87 0.00	65.44 -1.20 0.00	64.37 -1.11 0.00	66.10 -0.80 0.00	66.17 -0.74 0.00	66.23 -0.67 0.00	66.91 -0.27 0.00	71.37 -0.07 0.00	83.15 -0.17 -0.03	96.39 -0.97 -0.01	113.38 -1.77 -4.57	121.79 -2.02 -4.87	124.67 -1.60 -3.47	144.30 -1.10 -7.88	192.73 -1.42 -17.01	228.55 -0.41 -22.34	203.29 -0.38 -14.05	142.96 0.00 0.00	112.30 1.22 0.00	87.49 1.99 -2.41	83.16 0.66 -0.63	69.18 -0.27 -2.07
NEG CENTRAL___STATE_STREET 24147	69.74 0.69 0.00	67.12 0.00 0.00	66.44 -0.40 0.00	66.04 -0.60 0.00	64.96 -0.52 0.00	66.64 -0.27 0.00	66.70 -0.20 0.00	66.90 0.00 0.00	67.44 0.27 0.00	71.94 0.50 0.00	83.96 0.67 0.00	97.85 0.49 0.00	111.02 0.44 0.00	119.30 0.36 0.00	123.41 0.61 0.00	138.62 1.10 0.00	180.50 1.42 -1.95	212.46 2.27 -3.56	192.69 2.46 -0.61	145.11 2.14 0.00	113.41 2.33 0.00	87.44 2.24 -2.10	83.58 1.15 -0.55	69.46 0.27 -1.81
NEG MILLWOOD___DRP 24198	79.91 4.00 -6.86	74.38 4.09 -3.16	70.71 3.88 0.00	70.04 3.40 0.00	68.69 3.21 0.00	70.72 3.81 0.00	70.78 3.88 0.00	71.18 4.28 0.00	71.88 4.70 0.00	76.80 5.36 0.00	89.95 6.66 0.00	106.03 8.67 0.00	120.97 10.39 0.00	130.48 11.54 0.00	140.05 11.91 -5.34	164.63 13.75 -13.35	209.99 18.42 -14.43	265.58 21.70 -37.26	243.42 19.53 -34.28	190.86 13.72 -34.18	152.55 11.00 -30.47	119.47 7.64 -28.74	101.56 6.88 -12.80	86.19 4.78 -14.03
NEG NORTH_FLCN_SEA 23793	69.53 0.48 0.00	67.66 0.54 0.00	67.64 0.80 0.00	67.64 1.00 0.00	66.46 0.98 0.00	67.77 0.87 0.00	67.97 1.07 0.00	67.97 1.07 0.00	67.78 0.60 0.00	70.87 -0.57 0.00	82.04 -1.25 0.00	95.02 -2.34 0.00	107.92 -2.65 0.00	115.73 -3.21 0.00	118.87 -3.93 0.00	132.85 -4.68 0.00	170.94 -6.20 0.00	199.39 -7.23 0.00	182.79 -6.83 0.00	137.39 -5.58 0.00	105.75 -5.33 0.00	79.76 -3.32 0.00	80.16 -1.72 0.00	66.44 -0.94 0.00
NEG NORTH_KES_CHATEGAY 23792	68.63 -0.41 0.00	66.85 -0.27 0.00	66.90 0.07 0.00	66.90 0.27 0.00	65.74 0.26 0.00	67.04 0.13 0.00	67.17 0.27 0.00	67.10 0.20 0.00	66.91 -0.27 0.00	70.51 -0.93 0.00	81.87 -1.42 0.00	95.02 -2.34 0.00	107.81 -2.76 0.00	115.49 -3.45 0.00	118.74 -4.05 0.00	132.71 -4.81 0.00	170.94 -6.20 0.00	199.39 -7.23 0.00	182.79 -6.83 0.00	137.53 -5.43 0.00	105.75 -5.33 0.00	79.27 -3.82 0.00	79.26 -2.62 0.00	65.70 -1.68 0.00
NEG NORTH___ALICE_FALLS 23915	69.67 0.62 0.00	67.86 0.74 0.00	67.84 1.00 0.00	67.77 1.13 0.00	66.59 1.11 0.00	67.91 1.00 0.00	68.11 1.20 0.00	68.11 1.20 0.00	67.91 0.74 0.00	71.30 -0.14 0.00	82.62 -0.67 0.00	95.61 -1.75 0.00	108.58 -1.99 0.00	116.44 -2.50 0.00	119.60 -3.19 0.00	133.67 -3.85 0.00	172.18 -4.96 0.00	200.84 -5.79 0.00	184.12 -5.50 0.00	138.39 -4.57 0.00	106.53 -4.55 0.00	80.35 -2.74 0.00	80.41 -1.47 0.00	66.64 -0.74 0.00
NEG NORTH___LWR_SARANAC 23913	69.67 0.62 0.00	67.86 0.74 0.00	67.84 1.00 0.00	67.77 1.13 0.00	66.59 1.11 0.00	67.91 1.00 0.00	68.11 1.20 0.00	68.11 1.20 0.00	67.91 0.74 0.00	71.30 -0.14 0.00	82.62 -0.67 0.00	95.61 -1.75 0.00	108.58 -1.99 0.00	116.44 -2.50 0.00	119.60 -3.19 0.00	133.67 -3.85 0.00	172.18 -4.96 0.00	200.84 -5.79 0.00	184.12 -5.50 0.00	138.39 -4.57 0.00	106.53 -4.55 0.00	80.35 -2.74 0.00	80.41 -1.47 0.00	66.64 -0.74 0.00
NEG NORTH___PLATTSBURG 23628	69.67 0.62 0.00	67.86 0.74 0.00	67.84 1.00 0.00	67.70 1.06 0.00	66.59 1.11 0.00	67.91 1.01 0.00	68.11 1.21 0.00	68.11 1.21 0.00	67.92 0.74 0.00	71.30 -0.14 0.00	82.79 -0.50 0.00	95.61 -1.75 0.00	108.59 -1.99 0.00	116.44 -2.50 0.00	119.60 -3.19 0.00	133.67 -3.85 0.00	171.99 -5.14 0.00	200.84 -5.78 0.00	184.11 -5.50 0.00	138.38 -4.58 0.00	106.52 -4.56 0.00	80.35 -2.74 0.00	80.32 -1.56 0.00	66.58 -0.81 0.00
NEG WEST_LEA_LOCKPORT 23791	67.32 -1.73 0.00	62.76 -4.36 0.00	61.96 -4.88 0.00	61.17 -5.46 0.00	60.24 -5.24 0.00	61.42 -5.49 0.00	60.75 -6.16 0.00	60.15 -6.76 0.00	61.20 -5.98 0.00	65.65 -5.79 0.00	75.83 -7.41 0.04	87.61 -9.74 0.01	92.81 -11.06 6.71	99.78 -12.01 7.14	106.17 -11.54 5.09	113.85 -12.10 11.57	136.62 -17.01 23.51	130.12 -18.18 58.32	128.32 -17.63 43.66	130.38 -12.58 0.00	103.42 -7.66 0.00	81.61 -3.99 -2.51	76.23 -6.30 -0.65	63.95 -5.59 -2.15
NEG WEST___LANCASTR 23811	67.32 -1.73 0.00	63.23 -3.89 0.00	62.09 -4.75 0.00	61.37 -5.26 0.00	60.37 -5.11 0.00	61.95 -4.95 0.00	61.62 -5.29 0.00	61.48 -5.42 0.00	62.41 -4.77 0.00	67.01 -4.43 0.00	79.66 -3.58 0.04	89.85 -7.50 0.01	102.54 -2.43 5.61	110.34 -2.62 5.98	116.58 -1.96 4.25	126.13 -1.79 9.61	152.29 -4.78 20.06	181.52 -3.72 21.38	167.85 -4.36 17.41	133.53 -9.44 0.00	106.08 -5.00 0.00	83.74 -2.33 -2.98	77.83 -4.83 -0.78	65.16 -4.78 -2.56
NEG_PENN_ALLEGHNY 23528	72.97 0.97 -2.96	68.75 0.27 -1.36	66.64 -0.20 0.00	66.31 -0.33 0.00	65.22 -0.26 0.00	66.90 0.00 0.00	66.90 0.00 0.00	66.90 0.00 0.00	67.51 0.34 0.00	72.01 0.57 0.00	83.79 0.50 0.00	97.95 0.59 0.00	111.93 1.33 -0.02	120.40 1.43 -0.03	124.66 1.84 -0.01	139.89 2.34 -0.03	181.12 2.83 -1.16	219.81 3.72 -9.46	200.78 3.02 -8.14	155.17 1.85 -10.35	123.59 2.34 -10.18	94.94 2.24 -9.60	88.34 1.23 -5.22	72.79 0.34 -5.07
NEG___GEN_MONROE 24207	70.01 0.97 0.00	66.31 -0.81 0.00	65.23 -1.60 0.00	64.44 -2.20 0.00	63.32 -2.16 0.00	64.96 -1.94 0.00	64.43 -2.48 0.00	64.29 -2.61 0.00	65.09 -2.08 0.00	69.58 -1.86 0.00	80.62 -2.67 0.00	93.66 -3.70 0.00	105.20 -5.42 -0.05	113.16 -5.83 -0.04	117.43 -5.40 -0.03	132.52 -5.09 -0.08	169.87 -7.26 0.00	202.81 -6.82 -3.01	184.08 -6.26 -0.72	139.82 -3.15 0.00	110.08 -1.00 0.00	85.68 0.58 -2.01	81.10 -1.31 -0.52	67.56 -1.55 -1.73
NEPA___ENERGY 23901	68.43 -0.62 0.00	64.23 -2.89 0.00	63.09 -3.74 0.00	62.44 -4.20 0.00	61.42 -4.06 0.00	63.09 -3.81 0.00	62.75 -4.15 0.00	62.22 -4.68 0.00	63.15 -4.03 0.00	67.73 -3.71 0.00	78.91 -4.33 0.05	90.92 -6.43 0.01	97.97 -5.42 7.19	105.36 -5.95 7.64	112.06 -5.28 5.46	119.93 -5.36 12.22	144.58 -8.33 24.23	170.78 -8.06 27.79	159.08 -8.53 22.00	135.24 -7.72 0.00	107.64 -3.44 0.00	85.02 -1.08 -3.01	79.06 -3.60 -0.79	66.40 -3.57 -2.59

NEVERSINK___HYD 23608	79.67 3.52 -7.10	74.02 3.62 -3.27	70.04 3.21 0.00	69.43 2.80 0.00	68.10 2.62 0.00	69.98 3.08 0.00	70.11 3.21 0.00	70.45 3.54 0.00	71.07 3.89 0.00	75.80 4.36 0.00	88.46 5.17 0.00	104.07 6.71 0.00	118.76 8.18 0.00	128.33 9.39 0.00	132.87 10.07 0.00	147.31 11.55 1.77	190.09 15.59 2.64	243.84 18.38 -18.83	219.42 16.87 -12.93	179.64 12.01 -24.67	145.18 9.66 -24.44	114.45 7.06 -24.30	100.89 6.14 -12.87	84.94 4.32 -13.24
NEWKRMKL_115KV_TB1 55635	109.74 1.93 -38.76	86.70 2.15 -17.43	68.77 1.94 0.00	68.37 1.73 0.00	67.18 1.70 0.00	68.84 1.94 0.00	68.78 1.87 0.00	67.38 1.94 1.47	62.63 2.22 6.77	67.56 2.43 6.31	85.48 2.92 0.72	98.92 3.60 2.04	112.53 3.98 2.02	119.34 4.52 4.12	110.00 4.30 17.09	106.14 4.68 36.06	147.11 6.20 36.23	267.07 7.03 -53.42	277.74 6.07 -82.06	261.74 4.15 -114.63	236.68 3.55 -122.05	171.37 2.58 -85.71	146.70 2.54 -62.28	107.92 2.22 -38.31
NEWTON___FALLS_HYD 23847	70.08 1.04 0.00	68.13 1.01 0.00	67.91 1.07 0.00	67.77 1.13 0.00	66.72 1.24 0.00	68.11 1.20 0.00	68.17 1.27 0.00	67.77 0.87 0.00	67.24 0.07 0.00	71.23 -0.21 0.00	82.71 -0.58 0.00	96.00 -1.36 0.00	108.14 -2.43 0.00	116.20 -2.74 0.00	119.97 -2.82 0.00	134.77 -2.75 0.00	175.02 -2.83 -0.72	204.47 -2.69 -0.54	188.70 -1.14 -0.22	142.96 0.00 0.00	110.53 -0.56 0.00	82.92 -0.17 0.00	81.80 -0.08 0.00	67.59 0.20 0.00
NGRID_A1_DSASP 323792	66.08 -2.97 0.00	62.02 -5.10 0.00	61.55 -5.28 0.00	60.84 -5.80 0.00	59.19 -6.29 0.00	60.75 -6.15 0.00	60.08 -6.82 0.00	59.27 -7.63 0.00	60.32 -6.85 0.00	64.80 -6.64 0.00	74.50 -8.74 0.04	86.74 -10.61 0.01	90.65 -13.27 6.65	97.61 -14.28 7.05	104.00 -13.75 5.05	111.06 -14.99 11.48	132.61 -20.54 23.98	157.41 -22.52 26.70	147.32 -21.43 20.86	128.38 -14.58 0.00	101.86 -9.22 0.00	80.16 -5.49 -2.55	75.67 -6.88 -0.67	63.24 -6.34 -2.19
NGRID_A2_DSASP 323793	66.08 -2.97 0.00	62.02 -5.10 0.00	61.55 -5.28 0.00	60.84 -5.80 0.00	59.19 -6.29 0.00	60.75 -6.15 0.00	60.08 -6.82 0.00	59.27 -7.63 0.00	60.32 -6.85 0.00	64.80 -6.64 0.00	74.50 -8.74 0.04	86.74 -10.61 0.01	90.65 -13.27 6.65	97.61 -14.28 7.05	104.00 -13.75 5.05	111.06 -14.99 11.48	132.61 -20.54 23.98	157.41 -22.52 26.70	147.32 -21.43 20.86	128.38 -14.58 0.00	101.86 -9.22 0.00	80.16 -5.49 -2.55	75.67 -6.88 -0.67	63.24 -6.34 -2.19
NGRID_A4_DSASP 323807	66.08 -2.97 0.00	62.02 -5.10 0.00	61.55 -5.28 0.00	60.84 -5.80 0.00	59.19 -6.29 0.00	60.75 -6.15 0.00	60.08 -6.82 0.00	59.27 -7.63 0.00	60.32 -6.85 0.00	64.80 -6.64 0.00	74.50 -8.74 0.04	86.74 -10.61 0.01	90.65 -13.27 6.65	97.61 -14.28 7.05	104.00 -13.75 5.05	111.06 -14.99 11.48	132.61 -22.52 23.98	157.41 -22.52 26.70	147.32 -21.43 20.86	128.38 -14.58 0.00	101.86 -9.22 0.00	80.16 -5.49 -2.55	75.67 -6.88 -0.67	63.24 -6.34 -2.19
NIAGARA_115E_LBMP 323715	67.04 -2.00 0.00	62.89 -4.23 0.00	60.89 -5.95 0.00	60.17 -6.46 0.00	60.05 -5.43 0.00	61.55 -5.35 0.00	60.08 -6.82 0.00	59.41 -7.49 0.00	60.46 -6.72 0.00	64.94 -6.50 0.00	74.75 -8.50 0.04	86.93 -10.42 0.01	92.19 -11.72 6.66	99.22 -12.61 7.11	105.58 -12.16 5.06	112.96 -13.07 11.50	134.87 -18.24 24.03	160.46 -19.63 26.53	149.72 -19.14 20.75	128.81 -14.16 0.00	102.30 -8.78 0.00	80.41 -5.23 -2.56	75.75 -6.80 -0.67	63.38 -6.20 -2.20
NIAGARA_115W_LBMP 323714	65.94 -3.11 0.00	61.82 -5.30 0.00	61.49 -5.35 0.00	60.77 -5.86 0.00	59.00 -6.48 0.00	60.55 -6.36 0.00	59.88 -7.02 0.00	59.08 -7.83 0.00	60.19 -6.99 0.00	64.58 -6.86 0.00	74.34 -8.91 0.04	86.54 -10.81 0.01	90.42 -13.49 6.66	97.24 -14.63 7.07	103.62 -14.12 5.06	110.75 -15.27 11.50	132.25 -20.90 23.99	157.19 -22.94 26.49	146.91 -21.99 20.71	128.09 -14.87 0.00	101.64 -9.44 0.00	79.91 -5.73 -2.55	75.50 -7.04 -0.67	63.11 -6.47 -2.19
NIAGARA_230_LBMP 323716	66.91 -2.14 0.00	62.82 -4.30 0.00	61.69 -5.15 0.00	60.97 -5.66 0.00	59.98 -5.50 0.00	61.55 -5.35 0.00	60.75 -6.15 0.00	60.08 -6.82 0.00	61.13 -6.05 0.00	65.66 -5.78 0.00	75.59 -7.66 0.04	88.10 -9.25 0.01	92.43 -11.50 6.64	99.36 -12.49 7.09	105.73 -12.03 5.04	113.26 -12.79 11.48	135.42 -17.71 24.01	160.90 -19.21 26.51	150.49 -18.39 20.73	130.38 -12.58 0.00	103.42 -7.66 0.00	81.37 -4.23 -2.51	76.80 -5.73 -0.66	64.09 -5.46 -2.16
NIAGARA___115KV_198_GIBSON 55903	65.94 -3.11 0.00	62.69 -4.43 0.00	60.62 -6.22 0.00	59.91 -6.73 0.00	59.00 -6.48 0.00	61.42 -5.49 0.00	59.81 -7.09 0.00	59.08 -7.83 0.00	60.19 -6.99 0.00	64.58 -6.86 0.00	74.42 -8.83 0.04	86.54 -10.81 0.01	90.42 -13.49 6.66	97.36 -14.51 7.07	103.74 -14.00 5.06	110.90 -15.13 11.50	132.25 -20.90 23.99	157.41 -22.73 26.49	147.09 -21.81 20.71	128.24 -14.73 0.00	101.64 -9.44 0.00	80.07 -5.57 -2.55	74.93 -7.61 -0.67	63.11 -6.47 -2.19
NIAGARA____ 23760	66.91 -2.14 0.00	62.82 -4.30 0.00	61.69 -5.15 0.00	60.97 -5.66 0.00	59.98 -5.50 0.00	61.55 -5.35 0.00	60.75 -6.15 0.00	60.08 -6.82 0.00	61.13 -6.05 0.00	65.66 -5.78 0.00	75.59 -7.66 0.04	88.10 -9.25 0.01	92.42 -11.50 6.65	99.37 -12.49 7.09	105.72 -12.03 5.04	113.25 -12.79 11.49	135.42 -17.71 24.00	160.91 -19.21 26.51	150.49 -18.39 20.73	130.38 -12.58 0.00	103.42 -7.66 0.00	81.39 -4.23 -2.54	76.81 -5.73 -0.66	64.12 -5.46 -2.19
NINE_MILE_1 23575	67.25 -1.80 0.00	65.04 -2.08 0.00	64.56 -2.27 0.00	64.24 -2.40 0.00	63.19 -2.29 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	65.09 -2.08 0.00	69.37 -2.07 0.00	80.79 -2.50 0.00	94.44 -2.92 0.00	107.03 -3.54 0.00	115.13 -3.81 0.00	118.99 -3.81 0.00	133.40 -4.12 0.00	158.49 -5.49 13.16	190.58 -6.19 9.85	180.00 -5.50 4.11	139.11 -3.85 0.00	108.41 -2.67 0.00	81.43 -1.66 0.00	79.75 -2.13 0.00	65.30 -2.09 0.00
NINE_MILE_2 23744	67.25 -1.80 0.00	65.04 -2.08 0.00	64.56 -2.27 0.00	64.30 -2.33 0.00	63.19 -2.29 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	64.70 -2.21 0.00	65.09 -2.08 0.00	69.37 -2.07 0.00	80.79 -2.50 0.00	94.44 -2.92 0.00	107.03 -3.54 0.00	115.13 -3.81 0.00	118.99 -3.81 0.00	133.40 -4.12 0.00	158.47 -5.31 13.35	190.43 -6.19 10.00	179.93 -5.50 4.17	139.11 -3.85 0.00	108.41 -2.67 0.00	81.43 -1.66 0.00	79.75 -2.13 0.00	65.37 -2.02 0.00
NM_CAPITAL___DRP 24208	121.69 2.00 -50.64	94.03 2.21 -24.70	68.91 2.07 0.00	68.50 1.87 0.00	67.31 1.83 0.00	68.98 2.07 0.00	68.91 2.01 0.00	73.51 2.07 -4.53	90.41 2.35 -20.89	93.50 2.57 -19.49	88.60 3.08 -2.23	107.45 3.80 -6.29	121.02 4.20 -6.24	136.40 4.76 -12.70	156.00 4.54 -28.66	205.54 4.95 -63.06	248.32 6.55 -64.63	358.59 7.23 -144.73	362.74 6.45 -166.68	344.92 4.43 -197.53	293.15 3.78 -178.29	202.88 2.82 -116.97	152.93 2.70 -68.35	111.09 2.36 -41.34
NM_CENTRAL___DRP 24181	68.77 -0.28 0.00	66.38 -0.74 0.00	65.77 -1.07 0.00	65.44 -1.20 0.00	64.24 -1.24 0.00	65.83 -1.07 0.00	65.90 -1.00 0.00	65.90 -1.00 0.00	66.50 -0.67 0.00	70.94 -0.50 0.00	82.71 -0.58 0.00	96.58 -0.78 0.00	109.58 -1.00 0.00	117.87 -1.07 0.00	121.94 -0.86 0.00	136.83 -0.69 0.00	177.53 -0.89 -1.28	206.75 -0.83 -0.95	189.25 -0.76 -0.40	142.68 -0.29 0.00	111.30 0.22 0.00	83.67 0.58 0.00	81.64 -0.25 0.00	66.71 -0.67 0.00

NM_FRONTIER___DRP 24179	65.94 -3.11 0.00	62.69 -4.43 0.00	60.62 -6.22 0.00	59.91 -6.73 0.00	59.00 -6.48 0.00	61.42 -5.49 0.00	59.81 -7.09 0.00	59.08 -7.83 0.00	60.19 -6.99 0.00	64.58 -6.86 0.00	74.42 -8.83 0.04	86.54 -10.81 0.01	90.42 -13.49 6.66	97.36 -14.51 7.07	103.74 -14.00 5.06	110.90 -15.13 11.50	132.25 -20.90 23.99	157.41 -22.73 26.49	147.09 -21.81 20.71	128.24 -14.73 0.00	101.64 -9.44 0.00	80.07 -5.57 -2.55	74.93 -7.61 -0.67	63.11 -6.47 -2.19
NM_ST_REGIS___HYD 24053	69.12 0.07 0.00	67.39 0.27 0.00	67.37 0.53 0.00	67.30 0.67 0.00	66.27 0.79 0.00	67.37 0.47 0.00	67.37 0.47 0.00	66.90 0.00 0.00	66.37 -0.81 0.00	70.15 -1.29 0.00	81.54 -1.75 0.00	94.34 -3.02 0.00	106.48 -4.09 0.00	114.30 -4.64 0.00	117.76 -5.03 0.00	131.88 -5.64 0.00	170.23 -6.91 0.00	198.56 -8.06 0.00	182.79 -6.83 0.00	137.96 -5.00 0.00	106.19 -4.89 0.00	79.68 -3.41 0.00	79.67 -2.21 0.00	66.51 -0.88 0.00
NORTHPORT___1 23551	127.59 5.45 -53.09	98.02 5.70 -25.20	72.33 5.48 -0.01	71.51 4.86 -0.01	70.14 4.65 -0.01	72.13 5.22 -0.01	72.46 5.55 -0.01	92.94 6.02 -20.01	104.78 6.39 -31.21	146.37 6.65 -68.29	130.03 7.16 -39.58	132.70 9.25 -26.08	134.42 9.62 -14.23	154.07 10.82 -24.31	176.44 10.81 -42.84	205.05 12.10 -55.42	230.00 15.95 -36.91	234.84 18.60 -9.62	241.61 16.49 -35.51	230.00 11.73 -75.31	141.82 9.66 -21.08	135.59 7.39 -45.11	130.39 7.69 -40.82	125.74 5.86 -52.49
NORTHPORT___2 23552	127.59 5.45 -53.09	98.02 5.70 -25.20	72.33 5.48 -0.01	71.51 4.86 -0.01	70.14 4.65 -0.01	72.13 5.22 -0.01	72.46 5.55 -0.01	92.94 6.02 -20.01	104.78 6.39 -31.21	146.37 6.65 -68.29	130.03 7.16 -39.58	132.70 9.25 -26.08	134.42 9.62 -14.23	154.07 10.82 -24.31	176.44 10.81 -42.84	205.05 12.10 -55.42	230.00 15.95 -36.91	234.84 18.60 -9.62	241.61 16.49 -35.51	230.00 11.73 -75.31	141.82 9.66 -21.08	135.59 7.39 -45.11	130.39 7.69 -40.82	125.74 5.86 -52.49
NORTHPORT___3 23553	126.56 4.42 -53.09	96.94 4.63 -25.20	71.13 4.28 -0.01	70.37 3.73 -0.01	69.02 3.53 -0.01	70.99 4.08 -0.01	71.20 4.29 -0.01	91.66 4.75 -20.01	103.63 5.24 -31.21	145.44 5.72 -68.29	128.94 6.08 -39.58	131.19 7.79 -26.04	134.92 10.17 -14.18	154.31 9.76 -25.62	176.05 10.19 -43.07	204.15 11.41 -55.22	228.87 15.24 -36.49	233.33 17.55 -9.16	240.19 15.55 -35.02	229.12 11.01 -75.15	141.93 9.33 -21.51	136.24 6.31 -46.84	129.39 6.63 -40.88	125.00 5.12 -52.49
NORTHPORT___4 23650	126.56 4.42 -53.09	96.94 4.63 -25.20	71.13 4.28 -0.01	70.37 3.73 -0.01	69.02 3.53 -0.01	70.99 4.08 -0.01	71.20 4.29 -0.01	91.66 4.75 -20.01	103.63 5.24 -31.21	145.44 5.72 -68.29	128.94 6.08 -39.58	131.19 7.79 -26.04	134.92 10.17 -14.18	154.31 9.76 -25.62	176.05 10.19 -43.07	204.15 11.41 -55.22	228.87 15.24 -36.49	233.33 17.55 -9.16	240.19 15.55 -35.02	229.12 11.01 -75.15	141.93 9.33 -21.51	136.24 6.31 -46.84	129.39 6.63 -40.88	125.00 5.12 -52.49
NORTHPORT___IC 23718	127.59 5.45 -53.09	98.02 5.71 -25.20	72.32 5.48 0.00	71.50 4.86 0.00	70.13 4.65 0.00	72.12 5.22 0.00	72.46 5.55 0.00	92.93 6.02 -20.01	104.77 6.38 -31.21	146.44 6.72 -68.29	130.11 7.25 -39.58	132.69 9.25 -26.08	134.32 9.51 -14.23	153.95 10.70 -24.31	176.44 10.81 -42.84	204.91 11.96 -55.42	229.64 15.59 -36.91	234.63 18.39 -9.62	241.43 16.31 -35.51	229.85 11.58 -75.31	141.83 9.66 -21.08	135.59 7.39 -45.11	130.48 7.78 -40.82	125.74 5.86 -52.49
NORTH___COUNTRY_ESR 323785	68.49 -0.55 0.00	66.72 -0.40 0.00	66.77 -0.07 0.00	66.77 0.13 0.00	65.61 0.13 0.00	66.84 -0.07 0.00	67.04 0.13 0.00	67.04 0.13 0.00	66.84 -0.33 0.00	70.51 -0.93 0.00	81.95 -1.34 0.00	95.02 -2.34 0.00	107.81 -2.76 0.00	115.49 -3.45 0.00	118.75 -4.05 0.00	132.71 -4.82 0.00	170.59 -6.55 0.00	198.98 -7.64 0.00	182.41 -7.21 0.00	137.24 -5.72 0.00	105.53 -5.55 0.00	79.10 -3.99 0.00	78.94 -2.94 0.00	65.57 -1.82 0.00
NPX_GEN_1385_PROXY 323591	126.97 4.83 -53.09	98.15 5.84 -25.20	73.06 6.22 -0.01	72.31 5.66 -0.01	70.86 5.37 -0.01	72.86 5.95 -0.01	73.47 6.56 -0.01	94.00 7.09 -20.01	105.38 6.99 -31.21	145.44 5.72 -68.29	129.61 6.74 -39.58	132.70 9.25 -26.08	134.87 10.06 -14.23	155.50 12.25 -24.31	176.56 10.93 -42.84	204.50 11.55 -55.42	229.81 15.76 -36.91	236.90 20.66 -9.62	243.90 18.78 -35.51	230.29 12.01 -75.31	143.27 11.11 -21.08	136.68 8.48 -45.11	129.66 6.96 -40.82	124.60 4.72 -52.49
NPX_GEN_CSC 323557	128.14 6.00 -53.09	98.36 6.04 -25.20	72.46 5.61 -0.01	71.58 4.93 -0.01	70.07 4.58 -0.01	72.13 5.22 -0.01	72.53 5.62 -0.01	93.06 6.15 -20.01	104.78 6.39 -31.21	146.65 6.93 -68.29	130.78 7.92 -39.58	133.98 10.32 -26.31	143.50 11.72 -21.21	170.68 12.85 -38.89	200.51 13.15 -64.57	227.04 14.30 -75.22	278.59 18.77 -82.68	316.75 22.32 -87.80	347.32 20.30 -137.41	259.78 14.87 -101.95	267.92 12.11 -144.73	175.74 9.14 -83.51	134.31 9.01 -43.42	126.41 6.53 -52.49
NSINS_S_GLNS_FALLS 23858	150.19 5.45 -75.68	108.28 5.17 -35.99	71.58 4.75 0.00	71.03 4.40 0.00	69.87 4.39 0.00	71.52 4.62 0.00	71.59 4.68 0.00	75.35 4.75 -3.69	89.37 5.17 -17.02	92.82 5.50 -15.88	90.94 5.83 -1.82	109.01 6.52 -5.13	123.18 7.52 -5.09	137.38 8.09 -10.35	155.67 8.72 -24.15	201.33 10.59 -53.21	245.35 13.64 -54.57	406.20 17.15 -182.43	435.55 16.88 -229.06	438.44 12.58 -282.89	386.25 10.44 -264.73	259.19 7.81 -168.29	195.06 6.96 -106.22	131.62 5.32 -58.91
NUCOR_STEEL___DRP 24197	69.81 0.76 0.00	67.25 0.13 0.00	66.57 -0.27 0.00	66.17 -0.47 0.00	65.02 -0.46 0.00	66.64 -0.27 0.00	66.64 -0.27 0.00	66.77 -0.13 0.00	67.38 0.20 0.00	71.80 0.36 0.00	83.71 0.42 0.00	97.65 0.29 0.00	110.80 0.22 0.00	119.06 0.12 0.00	123.17 0.37 0.00	138.35 0.83 0.00	180.28 1.06 -2.08	212.04 1.86 -3.56	192.16 1.90 -0.65	144.82 1.86 0.00	113.19 2.11 0.00	87.08 1.99 -2.00	83.47 1.06 -0.52	69.31 0.20 -1.72
NUMBER_THREE_WT_PWR 323818	71.26 2.21 0.00	69.20 2.08 0.00	68.97 2.14 0.00	68.70 2.07 0.00	67.71 2.23 0.00	69.31 2.40 0.00	69.51 2.61 0.00	69.24 2.34 0.00	68.79 1.61 0.00	72.87 1.43 0.00	84.46 1.17 0.00	98.14 0.78 0.00	110.46 -0.11 0.00	118.70 -0.24 0.00	122.92 0.12 0.00	138.21 0.69 0.00	179.41 1.41 -0.86	209.95 2.68 -0.65	194.25 4.36 -0.27	147.25 4.28 0.00	114.30 3.22 0.00	85.75 2.66 0.00	83.77 1.88 0.00	68.66 1.28 0.00
NYISO_LBMP_REFERENCE 24008	69.05 0.00 0.00	67.12 0.00 0.00	66.84 0.00 0.00	66.64 0.00 0.00	65.48 0.00 0.00	66.90 0.00 0.00	66.90 0.00 0.00	66.90 0.00 0.00	67.18 0.00 0.00	71.44 0.00 0.00	83.29 0.00 0.00	97.36 0.00 0.00	110.57 0.00 0.00	118.94 0.00 0.00	122.80 0.00 0.00	137.52 0.00 0.00	177.14 0.00 0.00	206.62 0.00 0.00	189.61 0.00 0.00	142.96 0.00 0.00	111.08 0.00 0.00	83.09 0.00 0.00	81.88 0.00 0.00	67.39 0.00 0.00
NYPA_BRENTWD____GT 24164	128.90 6.77 -53.09	99.16 6.85 -25.20	73.26 6.42 -0.01	72.44 5.79 -0.01	70.99 5.50 -0.01	73.00 6.09 -0.01	73.40 6.49 -0.01	93.93 7.02 -20.01	105.85 7.46 -31.21	147.72 8.00 -68.29	131.78 8.92 -39.58	135.30 11.39 -26.56	139.59 12.38 -16.63	214.20 13.67 -81.59	209.92 13.63 -73.49	225.58 14.99 -73.07	280.94 19.84 -83.97	315.95 23.14 -86.19	331.49 20.86 -121.02	243.09 15.01 -85.12	194.37 12.33 -70.96	213.90 9.47 -121.34	135.43 9.58 -43.97	127.09 7.21 -52.49

NYPA_GOWANUS____GT5 24156	70.20 3.25 2.09	66.87 3.55 3.80	66.80 3.21 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.24 4.30 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	120.93 9.84 -0.52	131.43 11.42 -1.07	140.01 11.29 -5.93	184.61 12.92 -34.17	238.88 16.84 -44.91	301.87 19.22 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.09 6.39 -12.82	73.15 4.11 -1.65
NYPA_GOWANUS____GT6 24157	70.20 3.25 2.09	66.87 3.55 3.80	66.80 3.21 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.79 2.94 3.05	68.20 3.21 1.92	71.02 3.74 -0.38	73.24 4.30 -1.76	77.94 4.86 -1.64	89.47 6.00 -0.18	106.07 8.18 -0.53	120.93 9.84 -0.52	131.43 11.42 -1.07	140.01 11.29 -5.93	184.61 12.92 -34.17	238.88 16.84 -44.91	301.87 19.22 -76.03	255.61 17.07 -48.92	191.66 12.30 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.09 6.39 -12.82	73.15 4.11 -1.65
NYPA_HARLEM__RVR_GT1 24160	79.37 2.90 -7.42	74.01 3.35 -3.54	69.99 3.14 -0.01	69.22 2.60 0.01	67.91 2.42 -0.01	69.84 2.94 0.01	69.97 3.08 0.01	70.90 3.61 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	88.98 5.50 -0.20	105.59 7.69 -0.54	120.40 9.29 -0.54	130.61 10.58 -1.08	139.66 10.93 -5.94	184.09 12.38 -34.18	238.34 16.29 -44.92	301.05 18.38 -76.04	306.60 16.11 -100.88	191.09 11.73 -36.41	150.97 9.55 -30.33	118.10 6.56 -28.45	100.69 5.97 -12.84	85.15 3.84 -13.92
NYPA_HARLEM__RVR_GT2 24161	79.37 2.90 -7.42	74.01 3.35 -3.54	69.99 3.14 -0.01	69.22 2.60 0.01	67.91 2.42 -0.01	69.84 2.94 0.01	69.97 3.08 0.01	70.90 3.61 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	88.98 5.50 -0.20	105.59 7.69 -0.54	120.40 9.29 -0.54	130.61 10.58 -1.08	139.66 10.93 -5.94	184.09 12.38 -34.18	238.34 16.29 -44.92	301.05 18.38 -76.04	306.60 16.11 -100.88	191.09 11.73 -36.41	150.97 9.55 -30.33	118.10 6.56 -28.45	100.69 5.97 -12.84	85.15 3.84 -13.92
NYPA_KENT____GT 24152	70.78 3.18 1.45	67.37 3.55 3.30	67.02 3.21 3.03	65.28 2.60 3.95	65.79 2.49 2.18	67.00 2.94 2.84	68.26 3.15 1.79	71.02 3.74 -0.38	73.17 4.23 -1.76	77.80 4.71 -1.64	89.30 5.83 -0.18	105.87 7.99 -0.53	120.83 9.73 -0.52	131.09 11.06 -1.09	140.02 11.29 -5.93	184.48 12.79 -34.17	238.88 16.84 -44.91	301.87 19.22 -76.03	258.89 16.87 -52.41	191.51 12.14 -36.40	151.06 9.66 -30.32	118.41 6.89 -28.43	98.83 6.22 -10.73	73.85 3.97 -2.49
NYPA_POUCH1____GT 24155	58.99 2.90 12.96	56.94 3.22 13.40	56.87 2.87 12.84	55.99 2.27 12.91	56.87 2.16 10.77	55.99 2.61 13.52	56.87 2.87 12.91	57.26 3.41 13.05	59.26 3.96 11.88	59.79 4.50 16.15	70.05 5.58 18.82	86.55 7.69 18.50	101.55 9.29 18.32	101.04 10.82 28.72	114.25 10.68 19.22	139.53 12.24 10.23	181.74 15.95 11.34	214.72 18.38 10.29	214.34 16.11 -8.62	162.20 11.57 -7.66	125.95 9.33 -5.53	92.66 6.65 -2.93	83.13 6.06 4.81	61.88 3.84 9.34
NYPA_VERNON____GT2 24162	71.28 3.03 0.80	67.73 3.42 2.81	67.17 3.14 2.81	65.57 2.60 3.66	65.88 2.42 2.02	67.14 2.87 2.64	68.39 3.15 1.66	71.02 3.74 -0.38	73.17 4.23 -1.76	77.72 4.64 -1.64	89.21 5.74 -0.18	105.87 7.99 -0.53	120.71 9.62 -0.52	130.96 10.94 -1.08	140.02 11.29 -5.93	184.48 12.79 -34.17	238.88 16.84 -44.91	301.87 19.22 -76.03	262.38 16.87 -55.89	191.51 12.14 -36.40	151.06 9.66 -30.32	118.25 6.73 -28.43	96.58 6.06 -8.64	74.61 3.91 -3.32
NYPA_VERNON____GT3 24163	71.28 3.03 0.80	67.73 3.42 2.81	67.17 3.14 2.81	65.57 2.60 3.66	65.88 2.42 2.02	67.14 2.87 2.64	68.39 3.15 1.66	71.02 3.74 -0.38	73.17 4.23 -1.76	77.72 4.64 -1.64	89.21 5.74 -0.18	105.87 7.99 -0.53	120.71 9.62 -0.52	130.96 10.94 -1.08	140.02 11.29 -5.93	184.48 12.79 -34.17	238.88 16.84 -44.91	301.87 19.22 -76.03	262.38 16.87 -55.89	191.51 12.14 -36.40	151.06 9.66 -30.32	118.25 6.73 -28.43	96.58 6.06 -8.64	74.61 3.91 -3.32
NYPA____ASTORIA_CC1 323568	69.85 2.90 2.10	66.60 3.29 3.80	66.52 2.94 3.25	64.79 2.40 4.24	65.43 2.29 2.34	66.59 2.74 3.05	67.92 2.94 1.92	70.82 3.54 -0.38	72.97 4.03 -1.76	77.51 4.43 -1.64	88.97 5.50 -0.18	105.58 7.69 -0.53	120.39 9.29 -0.52	130.60 10.58 -1.08	139.65 10.93 -5.93	184.20 12.51 -34.17	238.52 16.48 -44.91	301.45 18.80 -76.03	254.83 16.31 -48.91	191.23 11.86 -36.40	150.73 9.33 -30.32	118.08 6.56 -28.43	94.75 5.90 -6.97	72.81 3.77 -1.65
NYPA____ASTORIA_CC2 323569	69.85 2.90 2.10	66.60 3.29 3.80	66.52 2.94 3.25	64.79 2.40 4.24	65.43 2.29 2.34	66.59 2.74 3.05	67.92 2.94 1.92	70.82 3.54 -0.38	72.97 4.03 -1.76	77.51 4.43 -1.64	88.97 5.50 -0.18	105.58 7.69 -0.53	120.39 9.29 -0.52	130.60 10.58 -1.08	139.65 10.93 -5.93	184.20 12.51 -34.17	238.52 16.48 -44.91	301.45 18.80 -76.03	254.83 16.31 -48.91	191.23 11.86 -36.40	150.73 9.33 -30.32	118.08 6.56 -28.43	94.75 5.90 -6.97	72.81 3.77 -1.65
NYPA____HOLTSVILL 23794	128.21 6.08 -53.09	98.49 6.17 -25.20	72.66 5.81 -0.01	71.78 5.13 -0.01	70.33 4.85 -0.01	72.40 5.49 -0.01	72.73 5.82 -0.01	93.27 6.36 -20.01	105.11 6.72 -31.21	146.94 7.21 -68.29	130.86 8.00 -39.58	133.87 10.22 -26.29	143.15 11.50 -21.08	169.12 12.37 -37.81	204.86 12.65 -69.41	251.26 14.03 -99.70	278.15 18.42 -82.59	315.35 21.49 -87.24	343.91 19.35 -134.95	256.58 14.02 -99.60	265.37 11.55 -142.74	174.08 8.56 -82.43	133.95 8.68 -43.39	126.35 6.47 -52.49
NYPA____HELLGATE_GT1 24158	79.37 2.90 -7.42	74.01 3.35 -3.54	69.99 3.14 -0.01	69.22 2.60 0.01	67.91 2.42 -0.01	69.84 2.94 0.01	69.97 3.08 0.01	70.90 3.61 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	88.98 5.50 -0.20	105.59 7.69 -0.54	120.40 9.29 -0.54	130.61 10.58 -1.08	139.66 10.93 -5.94	184.09 12.38 -34.18	238.34 16.29 -44.92	301.05 18.38 -76.04	305.28 16.11 -99.56	191.12 11.73 -36.43	150.97 9.55 -30.33	118.10 6.56 -28.45	100.69 5.97 -12.84	85.15 3.84 -13.92
NYPA____HELLGATE_GT2 24159	79.37 2.90 -7.42	74.01 3.35 -3.54	69.99 3.14 -0.01	69.22 2.60 0.01	67.91 2.42 -0.01	69.84 2.94 0.01	69.97 3.08 0.01	70.90 3.61 -0.39	73.03 4.10 -1.76	77.60 4.50 -1.66	88.98 5.50 -0.20	105.59 7.69 -0.54	120.40 9.29 -0.54	130.61 10.58 -1.08	139.66 10.93 -5.94	184.09 12.38 -34.18	238.34 16.29 -44.92	301.05 18.38 -76.04	305.28 16.11 -99.56	191.12 11.73 -36.43	150.97 9.55 -30.33	118.10 6.56 -28.45	100.69 5.97 -12.84	85.15 3.84 -13.92
NYS_BARGE____HYD 23848	67.67 -1.38 0.00	63.49 -3.63 0.00	61.75 -5.08 0.00	60.97 -5.66 0.00	60.50 -4.98 0.00	62.09 -4.82 0.00	60.88 -6.02 0.00	60.35 -6.55 0.00	61.47 -5.71 0.00	65.94 -5.50 0.00	75.84 -7.41 0.04	88.00 -9.35 0.01	93.77 -10.62 6.19	100.93 -11.42 6.59	107.17 -10.93 4.70	115.29 -11.55 10.68	139.36 -16.12 21.66	170.63 -17.15 18.85	157.73 -16.69 15.19	130.81 -12.15 0.00	103.86 -7.22 0.00	81.50 -4.07 -2.49	76.96 -5.57 -0.65	64.13 -5.39 -2.14
OAK ORCHARD____HYD 24046	69.32 0.28 0.00	65.78 -1.34 0.00	64.83 -2.00 0.00	64.10 -2.53 0.00	63.06 -2.42 0.00	64.70 -2.21 0.00	64.29 -2.61 0.00	64.22 -2.68 0.00	65.16 -2.01 0.00	69.72 -1.72 0.00	80.87 -2.42 0.00	94.05 -3.31 0.00	105.62 -4.97 -0.02	113.61 -5.35 -0.02	117.90 -4.92 -0.02	132.89 -4.68 -0.04	170.68 -6.37 0.08	200.72 -6.62 -0.72	183.69 -6.45 -0.52	139.95 -3.01 0.00	109.97 -1.11 0.00	83.09 0.00 0.00	80.74 -1.15 0.00	65.57 -1.82 0.00

OAKDALE___35_KV_LOAD 356122	72.73 0.62 -3.06	68.46 -0.07 -1.41	66.37 -0.47 0.00	65.97 -0.67 0.00	64.96 -0.52 0.00	66.57 -0.33 0.00	66.57 -0.33 0.00	66.50 -0.40 0.00	67.04 -0.13 0.00	71.51 0.07 0.00	83.54 0.25 0.00	97.26 -0.10 0.00	111.26 0.66 -0.02	119.56 0.59 -0.03	123.79 0.98 -0.02	138.80 1.24 -0.04	179.52 1.24 -1.14	218.11 1.86 -9.63	199.55 1.52 -8.42	154.40 0.71 -10.72	123.18 1.56 -10.54	94.57 1.66 -9.82	87.83 0.57 -5.38	72.46 -0.07 -5.14
OCC_CHEM___DRP 24175	66.08 -2.97 0.00	62.76 -4.36 0.00	60.82 -6.02 0.00	60.11 -6.53 0.00	59.19 -6.29 0.00	61.48 -5.42 0.00	59.94 -6.96 0.00	59.28 -7.63 0.00	60.32 -6.85 0.00	64.72 -6.72 0.00	74.58 -8.66 0.04	86.74 -10.61 0.01	90.65 -13.27 6.65	97.61 -14.27 7.05	104.00 -13.75 5.05	111.19 -14.85 11.48	132.60 -20.55 23.98	157.61 -22.32 26.70	147.51 -21.24 20.86	128.52 -14.44 0.00	101.97 -9.11 0.00	80.33 -5.32 -2.55	75.10 -7.45 -0.67	63.25 -6.33 -2.19
OH_GEN_PROXY 24063	66.91 -2.14 0.00	62.82 -4.30 0.00	56.00 -5.15 5.69	51.28 -5.60 9.76	51.28 -5.43 8.77	50.69 -5.29 10.93	52.00 -6.02 8.88	58.91 -6.69 1.30	61.26 -5.91 0.00	65.79 -5.65 0.00	75.84 -7.41 0.04	88.30 -9.05 0.01	93.41 -11.16 6.00	100.53 -12.01 6.40	106.70 -11.55 4.55	114.78 -12.38 10.37	138.49 -17.01 21.64	164.57 -18.39 23.66	153.07 -17.83 18.71	130.81 -12.15 0.00	103.75 -7.33 0.00	81.71 -4.07 -2.69	76.80 -5.57 -0.49	64.16 -5.39 -2.17
OLIN_CORP_DRP 24177	67.11 -1.93 0.00	62.29 -4.83 0.00	61.76 -5.08 0.00	61.04 -5.60 0.00	60.11 -5.37 0.00	61.02 -5.89 0.00	60.28 -6.62 0.00	59.61 -7.29 0.00	60.66 -6.52 0.00	65.08 -6.36 0.00	75.17 -8.08 0.04	87.22 -10.13 0.01	91.95 -11.50 7.13	98.99 -12.37 7.58	105.47 -11.91 5.41	112.52 -12.65 12.35	134.59 -17.89 24.66	158.47 -19.22 28.94	148.54 -18.58 22.49	129.38 -13.58 0.00	102.64 -8.44 0.00	80.93 -4.74 -2.58	75.59 -6.96 -0.67	63.54 -6.06 -2.22
OLIN_CORP_DSASP 323712	66.08 -2.97 0.00	62.02 -5.10 0.00	61.55 -5.28 0.00	60.84 -5.80 0.00	59.19 -6.29 0.00	60.75 -6.15 0.00	60.08 -6.82 0.00	59.27 -7.63 0.00	60.32 -6.85 0.00	64.80 -6.64 0.00	74.50 -8.74 0.04	86.74 -10.61 0.01	90.65 -13.27 6.65	97.61 -14.28 7.05	104.00 -13.75 5.05	111.06 -14.99 11.48	132.61 -20.54 23.98	157.41 -22.52 26.70	147.32 -21.43 20.86	128.38 -14.58 0.00	101.86 -9.22 0.00	80.16 -5.49 -2.55	75.67 -6.88 -0.67	63.24 -6.34 -2.19
ONEIDA_HERK_LFGE 323681	71.46 2.42 0.00	69.33 2.21 0.00	68.84 2.00 0.00	68.57 1.93 0.00	67.44 1.96 0.00	69.04 2.14 0.00	69.24 2.34 0.00	69.18 2.28 0.00	69.26 2.08 0.00	73.51 2.07 0.00	85.45 2.16 0.00	99.50 2.14 0.00	112.57 1.99 0.00	121.19 2.25 0.00	125.50 2.70 0.00	140.82 3.30 0.00	182.21 4.60 -0.48	212.98 6.00 -0.36	196.40 6.63 -0.15	148.39 5.43 0.00	115.30 4.22 0.00	86.50 3.41 0.00	84.58 2.70 0.00	69.27 1.88 0.00
ONEIDA___115KV_TB4 55905	71.88 2.83 0.00	69.60 2.48 0.00	68.91 2.07 0.00	68.57 1.93 0.00	67.31 1.83 0.00	68.98 2.07 0.00	69.18 2.27 0.00	69.11 2.21 0.00	69.53 2.35 0.00	73.94 2.50 0.00	86.12 2.83 0.00	99.70 2.34 0.00	113.23 2.65 0.00	121.91 2.97 0.00	126.24 3.44 0.00	141.65 4.13 0.00	183.31 5.49 -0.69	213.95 6.82 -0.51	197.03 7.21 -0.21	148.68 5.72 0.00	115.75 4.67 0.00	87.41 4.32 0.00	85.24 3.36 0.00	69.68 2.29 0.00
ONONDAGA_REF_OCCRA 23987	69.19 0.14 0.00	66.85 -0.27 0.00	66.23 -0.60 0.00	65.84 -0.80 0.00	64.50 -0.98 0.00	66.10 -0.80 0.00	66.17 -0.74 0.00	67.24 0.33 0.00	67.78 0.60 0.00	72.23 0.79 0.00	84.37 1.08 0.00	98.33 0.97 0.00	111.90 1.33 0.00	120.37 1.43 0.00	124.52 1.72 0.00	139.72 2.20 0.00	178.65 0.00 -1.51	208.17 0.41 -1.13	190.47 0.38 -0.47	143.53 0.57 0.00	111.86 0.78 0.00	84.09 1.00 0.00	81.96 0.08 0.00	66.98 -0.40 0.00
ONONDAGA___COGEN 23986	68.84 -0.21 0.00	66.45 -0.67 0.00	65.83 -1.00 0.00	65.50 -1.13 0.00	64.30 -1.18 0.00	65.90 -1.00 0.00	65.97 -0.94 0.00	66.30 -0.60 0.00	66.84 -0.34 0.00	71.23 -0.21 0.00	83.12 -0.17 0.00	97.07 -0.29 0.00	110.13 -0.44 0.00	118.46 -0.48 0.00	122.43 -0.37 0.00	137.52 0.00 -2.31	178.92 -0.53 -1.73	207.94 -0.41 -0.72	189.96 -0.38 -0.72	142.96 0.00 0.00	111.52 0.44 0.00	83.75 0.66 0.00	81.80 -0.08 0.00	66.78 -0.61 0.00
ONTARIO___LFGE 23819	70.08 1.04 0.00	66.85 -0.27 0.00	65.97 -0.87 0.00	65.44 -1.20 0.00	64.37 -1.11 0.00	66.10 -0.80 0.00	66.17 -0.73 0.00	66.23 -0.67 0.00	66.91 -0.27 0.00	71.37 -0.07 0.00	82.90 -0.41 -0.03	96.39 -0.97 -0.01	113.38 -1.77 -4.57	121.79 -2.02 -4.87	124.67 -1.60 -3.47	144.16 -1.24 -7.88	192.92 -1.23 -17.01	228.55 -0.41 -22.34	203.29 -0.38 -14.05	142.96 0.00 0.00	112.30 1.22 0.00	87.57 2.08 -2.41	83.41 0.90 -0.63	69.18 -0.27 -2.07
ORANGEVILLE_WT_PWR 323706	68.08 -0.97 0.00	64.10 -3.02 0.00	62.89 -3.94 0.00	62.24 -4.40 0.00	61.29 -4.19 0.00	62.96 -3.95 0.00	62.49 -4.42 0.00	62.02 -4.88 0.00	62.74 -4.44 0.00	67.08 -4.36 0.00	76.52 -6.58 0.18	89.04 -8.28 0.04	73.33 -8.74 28.51	79.06 -9.52 30.36	91.84 -9.34 21.62	78.24 -10.03 49.25	63.23 -13.47 100.44	74.21 -14.25 118.16	89.52 -13.46 86.63	132.67 -10.29 0.00	105.64 -5.44 0.00	83.90 -2.33 -3.14	78.61 -4.09 -0.82	65.97 -4.11 -2.70
ORANGEVILLE___ESR 323794	68.08 -0.97 0.00	64.10 -3.02 0.00	62.89 -3.94 0.00	62.24 -4.40 0.00	61.29 -4.19 0.00	62.96 -3.95 0.00	62.49 -4.42 0.00	62.02 -4.88 0.00	62.74 -4.44 0.00	67.08 -4.36 0.00	76.52 -6.58 0.18	89.04 -8.28 0.04	73.33 -8.74 28.51	79.06 -9.52 30.36	91.84 -9.34 21.62	78.24 -10.03 49.25	63.23 -13.47 100.44	74.21 -14.25 118.16	89.52 -13.46 86.63	132.67 -10.29 0.00	105.64 -5.44 0.00	83.90 -2.33 -3.14	78.61 -4.09 -0.82	65.97 -4.11 -2.70
OSWEGATCHIE___HYD 24044	70.08 1.04 0.00	68.13 1.01 0.00	67.90 1.07 0.00	67.77 1.13 0.00	66.72 1.24 0.00	68.11 1.21 0.00	68.17 1.27 0.00	67.77 0.87 0.00	67.31 0.13 0.00	71.23 -0.21 0.00	82.79 -0.50 0.00	96.00 -1.36 0.00	108.14 -2.43 0.00	116.21 -2.73 0.00	119.98 -2.82 0.00	134.77 -2.75 0.00	174.84 -3.01 -0.72	204.47 -2.69 -0.54	188.71 -1.13 -0.22	142.96 0.00 0.00	110.64 -0.44 0.00	82.92 -0.17 0.00	81.72 -0.16 0.00	67.59 0.20 0.00
OSWEGO___5 23606	67.81 -1.24 0.00	65.51 -1.61 0.00	65.03 -1.80 0.00	64.70 -1.93 0.00	63.58 -1.90 0.00	65.10 -1.80 0.00	65.10 -1.80 0.00	65.16 -1.74 0.00	65.56 -1.61 0.00	69.87 -1.57 0.00	81.46 -1.83 0.00	95.12 -2.24 0.00	107.92 -2.65 0.00	116.08 -2.86 0.00	119.98 -2.82 0.00	134.50 -3.03 0.00	182.87 -4.07 -9.81	209.42 -4.55 -7.34	188.69 -3.99 -3.07	140.24 -2.72 0.00	109.30 -1.78 0.00	82.09 -0.99 0.00	80.41 -1.47 0.00	65.84 -1.55 0.00
OSWEGO___6 23613	67.81 -1.24 0.00	65.51 -1.61 0.00	65.03 -1.80 0.00	64.70 -1.93 0.00	63.58 -1.90 0.00	65.10 -1.80 0.00	65.10 -1.80 0.00	65.16 -1.74 0.00	65.56 -1.61 0.00	69.87 -1.57 0.00	81.46 -1.83 0.00	95.12 -2.24 0.00	107.92 -2.65 0.00	116.08 -2.86 0.00	119.98 -2.82 0.00	134.50 -3.03 0.00	182.87 -4.07 -9.81	209.42 -4.55 -7.34	188.69 -3.99 -3.07	140.24 -2.72 0.00	109.30 -1.78 0.00	82.09 -0.99 0.00	80.41 -1.47 0.00	65.84 -1.55 0.00

OUTOKUMPU-AB___DRP 24206	67.74 -1.31 0.00	63.76 -3.36 0.00	62.29 -4.54 0.00	61.51 -5.13 0.00	60.57 -4.91 0.00	62.29 -4.62 0.00	61.35 -5.55 0.00	60.88 -6.02 0.00	62.00 -5.17 0.00	66.51 -4.93 0.00	76.83 -6.41 0.05	88.78 -8.57 0.01	93.86 -9.73 6.98	101.17 -10.35 7.42	107.55 -9.95 5.30	115.18 -10.31 12.02	140.15 -14.70 22.29	165.72 -15.50 25.41	154.42 -15.17 20.02	131.95 -11.01 0.00	104.64 -6.44 0.00	82.46 -3.24 -2.61	76.91 -5.65 -0.68	64.64 -4.99 -2.24
OXBOW___BTM 323836	67.04 -2.00 0.00	62.89 -4.23 0.00	62.16 -4.68 0.00	61.37 -5.27 0.00	59.98 -5.50 0.00	61.55 -5.35 0.00	60.82 -6.09 0.00	60.21 -6.69 0.00	61.33 -5.84 0.00	65.87 -5.57 0.00	75.25 -8.00 0.04	87.52 -9.83 0.01	92.03 -11.72 6.82	99.09 -12.61 7.24	105.46 -12.16 5.18	112.82 -12.93 11.77	137.82 -17.88 21.44	161.55 -19.43 25.64	150.66 -18.78 20.18	129.81 -13.15 0.00	102.98 -8.10 0.00	81.02 -4.65 -2.58	76.33 -6.23 -0.67	64.08 -5.52 -2.22
OXBOW___ 24026	67.05 -2.00 0.00	63.36 -3.76 0.00	61.69 -5.15 0.00	60.91 -5.73 0.00	59.98 -5.50 0.00	62.02 -4.88 0.00	60.81 -6.09 0.00	60.21 -6.69 0.00	61.33 -5.84 0.00	65.80 -5.64 0.00	75.50 -7.75 0.04	87.52 -9.83 0.01	92.03 -11.72 6.82	99.09 -12.61 7.24	105.46 -12.16 5.18	112.83 -12.93 11.77	137.63 -18.07 21.44	161.56 -19.42 25.64	150.66 -18.77 20.18	129.81 -13.15 0.00	102.97 -8.11 0.00	81.18 -4.49 -2.58	75.76 -6.80 -0.67	64.08 -5.53 -2.22
OXY_CHEM_DSASP 323612	66.08 -2.97 0.00	62.76 -4.36 0.00	60.82 -6.02 0.00	60.11 -6.53 0.00	59.19 -6.29 0.00	61.48 -5.42 0.00	59.94 -6.96 0.00	59.28 -7.63 0.00	60.32 -6.85 0.00	64.72 -6.72 0.00	74.58 -8.66 0.04	86.74 -10.61 0.01	90.65 -13.27 6.65	97.61 -14.27 7.05	104.00 -13.75 5.05	111.19 -14.85 11.48	132.60 -20.55 23.98	157.61 -22.32 26.70	147.51 -21.24 20.86	128.52 -14.44 0.00	101.97 -9.11 0.00	80.33 -5.32 -2.55	75.10 -7.45 -0.67	63.25 -6.33 -2.19
OZONE_PARK_ESR 323760	80.67 4.21 -7.41	75.15 4.50 -3.53	70.98 4.14 0.00	70.17 3.53 0.00	68.89 3.40 0.00	70.78 3.88 0.00	70.98 4.08 0.00	72.04 4.75 -0.38	74.18 5.24 -1.77	78.95 5.86 -1.65	90.72 7.25 -0.19	107.63 9.74 -0.53	122.71 11.61 -0.53	133.10 13.08 -1.08	142.48 13.75 -5.93	187.26 15.54 -34.20	242.46 20.37 -44.96	306.06 23.35 -76.09	310.78 20.86 -100.31	194.53 15.15 -36.41	153.40 12.00 -30.32	120.00 8.48 -28.44	102.41 7.70 -12.83	86.35 5.05 -13.91
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	66.08 -2.97 0.00	62.76 -4.36 0.00	60.82 -6.02 0.00	60.11 -6.53 0.00	59.19 -6.29 0.00	61.48 -5.42 0.00	59.94 -6.96 0.00	59.28 -7.63 0.00	60.32 -6.85 0.00	64.72 -6.72 0.00	74.58 -8.66 0.04	86.74 -10.61 0.01	90.65 -13.27 6.65	97.61 -14.27 7.05	104.00 -13.75 5.05	111.19 -14.85 11.48	132.60 -20.55 23.98	157.61 -22.32 26.70	147.51 -21.24 20.86	128.52 -14.44 0.00	101.97 -9.11 0.00	80.33 -5.32 -2.55	75.10 -7.45 -0.67	63.25 -6.33 -2.19
PACKARD___115KV_DUPONT_184 80571	66.08 -2.97 0.00	62.76 -4.36 0.00	60.82 -6.02 0.00	60.11 -6.53 0.00	59.19 -6.29 0.00	61.48 -5.42 0.00	59.94 -6.96 0.00	59.28 -7.63 0.00	60.32 -6.85 0.00	64.72 -6.72 0.00	74.58 -8.66 0.04	86.74 -10.61 0.01	90.65 -13.27 6.65	97.61 -14.27 7.05	104.00 -13.75 5.05	111.19 -14.85 11.48	132.60 -20.55 23.98	157.61 -22.32 26.70	147.51 -21.24 20.86	128.52 -14.44 0.00	101.97 -9.11 0.00	80.33 -5.32 -2.55	75.10 -7.45 -0.67	63.25 -6.33 -2.19
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	79.57 3.11 -7.42	74.15 3.49 -3.54	69.99 3.14 -0.01	69.23 2.60 0.01	67.98 2.49 -0.01	69.84 2.94 0.01	70.04 3.14 0.01	71.04 3.75 -0.39	73.10 4.16 -1.76	77.74 4.64 -1.66	89.23 5.75 -0.20	105.79 7.89 -0.54	120.62 9.51 -0.54	130.85 10.82 -1.08	139.91 11.17 -5.94	184.49 12.79 -34.18	238.71 16.65 -44.92	301.67 19.01 -76.04	307.25 16.69 -100.95	191.41 12.01 -36.43	151.08 9.66 -30.33	118.26 6.73 -28.45	100.86 6.14 -12.84	85.28 3.98 -13.92
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	81.02 4.56 -7.42	75.49 4.83 -3.54	71.39 4.54 -0.01	70.56 3.93 0.01	69.29 3.80 -0.01	71.18 4.28 0.01	71.31 4.42 0.01	72.25 4.95 -0.39	74.38 5.44 -1.76	79.03 5.93 -1.66	90.73 7.25 -0.20	107.54 9.64 -0.54	122.61 11.50 -0.54	133.11 13.08 -1.08	142.37 13.63 -5.94	187.24 15.54 -34.18	242.43 20.37 -44.92	306.01 23.35 -76.04	311.42 20.86 -100.95	194.69 15.30 -36.43	153.63 12.22 -30.33	120.18 8.64 -28.45	102.58 7.86 -12.84	86.56 5.26 -13.92
PATROON___115KV_TB1 80586	119.45 2.21 -48.19	92.11 2.35 -22.64	68.98 2.14 0.00	68.64 2.00 0.00	67.38 1.90 0.00	69.04 2.14 0.00	68.98 2.07 0.00	70.55 2.21 -1.44	76.29 2.49 -6.63	80.34 2.71 -6.18	87.25 3.25 -0.71	103.25 3.89 -2.00	116.98 4.42 -1.98	127.97 5.00 -4.03	132.93 4.79 -5.35	155.43 5.36 -12.54	197.26 6.91 -13.22	319.10 7.85 -104.62	329.91 7.02 -133.28	315.83 4.72 -168.15	277.36 4.00 -162.28	194.61 2.99 -108.53	155.29 2.87 -70.54	112.13 2.49 -42.25
PATTRSNVILLE___SOLAR 323815	149.51 3.52 -76.94	106.67 3.42 -36.13	70.04 3.21 0.00	69.64 3.00 0.00	68.49 3.01 0.00	70.18 3.28 0.00	70.05 3.15 0.00	72.13 3.01 -2.22	80.43 3.03 -10.22	84.05 3.07 -9.54	87.80 3.42 -1.09	104.44 3.99 -3.08	118.28 4.64 -3.06	130.15 4.99 -6.22	141.59 5.16 -13.64	174.21 6.33 -30.35	216.73 8.33 -31.27	385.58 10.53 -168.43	420.27 10.23 -220.43	429.44 8.00 -278.48	384.17 6.89 -266.20	257.77 5.24 -169.45	197.35 4.75 -110.72	131.78 3.57 -60.82
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	67.94 -1.10 0.00	63.70 -3.42 0.00	62.56 -4.28 0.00	61.84 -4.80 0.00	60.83 -4.65 0.00	62.42 -4.48 0.00	62.02 -4.88 0.00	61.75 -5.15 0.00	62.81 -4.37 0.00	67.44 -4.00 0.00	79.58 -3.66 0.05	90.34 -7.01 0.01	101.57 -3.54 5.46	109.39 -3.69 5.86	115.59 -3.07 4.14	125.41 -2.89 9.23	150.78 -5.85 20.51	181.77 -4.96 19.90	167.84 -5.50 16.27	134.53 -8.43 0.00	106.75 -4.33 0.00	84.14 -1.83 -2.87	78.21 -4.42 -0.75	65.47 -4.38 -2.47
PAWLING_115_KV_BK3_REV_LBMP_H 345028	79.91 4.00 -6.86	74.38 4.09 -3.16	70.71 3.88 0.00	70.04 3.40 0.00	68.69 3.21 0.00	70.72 3.81 0.00	70.78 3.88 0.00	71.18 4.28 0.00	71.88 4.70 0.00	76.80 5.36 0.00	89.95 6.66 0.00	106.03 8.67 0.00	120.97 10.39 0.00	130.48 11.54 0.00	140.05 11.91 -5.34	164.63 13.75 -13.35	209.99 18.42 -14.43	265.58 21.70 -37.26	243.42 19.53 -34.28	190.86 13.72 -34.18	152.55 11.00 -30.47	119.47 7.64 -28.74	101.56 6.88 -12.80	86.19 4.78 -14.03
PEEKSKILL___ 23653	79.56 3.18 -7.33	74.03 3.42 -3.49	69.98 3.14 0.00	69.30 2.67 0.00	67.97 2.49 0.00	69.84 2.94 0.00	70.05 3.15 0.00	70.75 3.48 -0.37	72.80 3.89 -1.72	77.48 4.43 -1.61	88.88 5.41 -0.18	105.28 7.40 -0.52	120.04 8.95 -0.52	129.98 9.99 -1.05	139.04 10.43 -5.81	178.83 11.83 -29.48	230.92 15.76 -38.02	291.50 17.97 -66.91	290.49 15.93 -84.95	189.76 11.29 -35.51	150.15 9.11 -29.96	117.62 6.40 -28.13	100.40 5.81 -12.71	85.08 3.91 -13.79
PGE MADISON___WINDPWR 24146	79.76 6.28 -4.43	74.40 5.24 -2.04	71.12 4.28 0.00	70.77 4.13 0.00	69.94 4.45 0.00	71.85 4.95 0.00	72.39 5.49 0.00	72.32 5.42 0.00	72.82 5.64 0.00	77.44 6.00 0.00	89.63 6.33 -0.01	104.76 7.40 0.00	120.88 8.85 -1.45	130.25 9.76 -1.55	134.46 10.56 -1.10	152.78 12.79 -2.47	199.57 16.29 -6.15	245.69 20.86 -18.21	227.37 21.42 -16.34	174.89 16.43 -15.50	139.53 13.21 -15.24	105.72 9.88 -12.75	97.22 7.94 -7.40	78.97 5.39 -6.19

PIERCEFIELD___HYD 23852	68.98 -0.07 0.00	67.25 0.13 0.00	67.24 0.40 0.00	67.17 0.53 0.00	66.14 0.65 0.00	67.24 0.33 0.00	67.10 0.20 0.00	66.57 -0.33 0.00	65.97 -1.21 0.00	69.73 -1.71 0.00	81.04 -2.25 0.00	93.86 -3.50 0.00	105.82 -4.75 0.00	113.71 -5.23 0.00	117.15 -5.65 0.00	131.33 -6.19 0.00	169.88 -7.62 -0.36	198.21 -8.68 -0.27	182.33 -7.39 -0.11	137.67 -5.29 0.00	106.08 -5.00 0.00	79.52 -3.57 0.00	79.51 -2.37 0.00	66.44 -0.94 0.00
PINELAWN_CC_1 323563	128.07 5.94 -53.09	98.36 6.04 -25.20	72.52 5.68 -0.01	71.71 5.06 -0.01	70.33 4.85 -0.01	72.33 5.42 -0.01	72.59 5.68 -0.01	93.06 6.15 -20.01	105.04 6.65 -31.21	146.44 7.14 -67.86	130.28 7.41 -39.58	134.06 9.55 -27.15	138.08 11.06 -16.45	169.05 11.78 -38.33	197.35 12.16 -62.39	227.52 13.75 -76.25	282.30 18.25 -86.92	319.19 21.49 -91.08	334.93 19.14 -126.17	244.23 13.73 -87.55	163.08 11.00 -41.00	153.60 8.31 -62.20	131.55 8.19 -41.48	126.41 6.53 -52.49
PJM_GEN_HTTP_PROXY 323702	79.84 3.38 -7.41	74.34 3.69 -3.53	70.24 3.41 0.00	69.43 2.80 0.00	68.17 2.69 0.00	70.05 3.15 0.00	70.31 3.41 0.00	71.23 3.95 -0.38	73.45 4.50 -1.77	78.01 4.93 -1.65	89.56 6.08 -0.19	106.27 8.37 -0.53	121.16 10.06 -0.53	131.43 11.42 -1.08	140.64 11.91 -5.93	185.24 13.48 -34.23	239.85 17.71 -45.00	302.81 20.04 -76.15	307.85 17.82 -100.42	192.10 12.72 -36.42	151.51 10.11 -30.32	118.58 7.06 -28.44	101.10 6.39 -12.83	85.48 4.18 -13.91
PJM_GEN_KEystone 24065	72.38 0.55 -2.78	67.67 -0.20 -0.75	65.20 -0.73 0.90	64.60 -1.13 0.90	63.61 -1.11 0.75	65.16 -0.80 0.95	65.13 -0.87 0.90	65.09 -0.87 0.94	65.82 -0.40 0.96	70.19 0.00 1.25	81.70 -0.25 1.34	96.12 0.10 1.34	108.83 1.11 2.85	116.54 1.31 3.71	124.94 1.96 -0.19	137.24 2.48 2.76	172.19 3.01 7.95	210.45 3.92 0.09	185.22 2.46 6.85	162.10 1.01 -18.13	129.82 2.00 -16.74	100.54 1.83 -15.62	89.21 0.74 -6.59	74.07 -0.20 -6.89
PJM_GEN_NEPTUNE_PROXY 323594	126.62 4.49 -53.09	97.01 4.70 -25.20	71.32 4.48 -0.01	70.58 3.93 -0.01	69.28 3.80 -0.01	71.20 4.29 -0.01	71.39 4.48 -0.01	91.79 4.88 -20.01	103.70 5.31 -31.21	145.63 5.72 -68.47	129.44 6.58 -39.58	131.66 8.66 -25.63	135.10 10.29 -14.24	156.50 11.42 -26.14	182.17 11.79 -47.58	219.10 13.20 -68.37	273.92 17.37 -79.41	305.98 20.04 -79.32	321.19 17.82 -113.75	237.05 12.72 -81.37	152.23 10.44 -30.71	139.23 7.48 -48.66	130.09 7.21 -41.00	125.00 5.12 -52.49
PJM_GEN_VFT_PROXY 323633	58.91 2.83 12.97	56.93 3.22 13.41	56.86 2.87 12.84	56.05 2.33 12.92	56.93 2.23 10.78	55.98 2.61 13.53	56.86 2.87 12.91	57.32 2.87 13.06	59.25 3.96 11.89	59.71 4.43 16.16	69.96 5.50 18.83	86.54 7.69 18.51	101.54 9.29 18.32	100.79 10.58 28.73	114.62 11.06 19.23	139.83 12.51 10.21	182.30 16.48 11.31	214.98 18.60 10.24	214.81 16.49 -8.70	162.48 11.86 -7.66	125.94 9.33 -5.52	92.49 6.49 -2.92	82.96 5.90 4.82	61.74 3.70 9.35
PLATSBURG_115KV_PMLD1 355749	69.46 0.41 0.00	67.66 0.54 0.00	67.64 0.80 0.00	67.57 0.93 0.00	66.46 0.98 0.00	67.71 0.80 0.00	67.91 1.00 0.00	67.91 1.00 0.00	67.78 0.60 0.00	71.01 -0.43 0.00	82.29 -1.00 0.00	95.32 -2.04 0.00	108.25 -2.32 0.00	116.09 -2.85 0.00	119.24 -3.56 0.00	133.26 -4.26 0.00	171.47 -5.67 0.00	200.01 -6.61 0.00	183.36 -6.26 0.00	137.82 -5.15 0.00	106.08 -5.00 0.00	79.93 -3.16 0.00	80.16 -1.72 0.00	66.37 -1.01 0.00
PLEASANTVLY___LBMP 24000	79.90 2.90 -7.96	74.01 3.09 -3.81	69.71 2.87 0.00	69.17 2.53 0.00	67.90 2.42 0.00	69.71 2.81 0.00	69.71 2.81 0.00	70.51 3.14 -0.46	72.72 3.43 -2.12	77.27 3.86 -1.97	88.35 4.83 -0.23	104.42 6.43 -0.64	118.84 7.63 -0.63	128.79 8.56 -1.29	138.50 8.84 -6.86	164.68 9.76 -17.40	208.98 12.93 -18.91	263.65 14.67 -42.36	242.74 13.08 -40.04	189.79 9.29 -37.53	151.49 7.55 -32.86	118.97 5.48 -30.40	100.57 5.08 -13.62	85.68 3.64 -14.66
PLSNTVLE_13_KV_13.8KVDIST 80602	80.03 3.45 -7.53	74.33 3.62 -3.59	70.18 3.34 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.11 3.21 0.00	70.25 3.35 0.00	70.98 3.68 -0.39	73.09 4.10 -1.81	77.70 4.57 -1.69	89.23 5.75 -0.19	105.50 7.59 -0.55	120.29 9.18 -0.54	130.27 10.23 -1.10	139.55 10.68 -6.07	171.58 11.96 -22.10	219.82 15.94 -26.74	277.27 18.18 -52.47	265.17 16.31 -59.25	190.27 11.58 -35.73	151.15 9.22 -30.85	118.50 6.48 -28.93	100.81 5.90 -13.04	85.71 4.18 -14.15
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	80.03 3.45 -7.53	74.33 3.62 -3.59	70.18 3.34 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.11 3.21 0.00	70.25 3.35 0.00	70.98 3.68 -0.39	73.09 4.10 -1.81	77.70 4.57 -1.69	89.23 5.75 -0.19	105.50 7.59 -0.55	120.29 9.18 -0.54	130.27 10.23 -1.10	139.55 10.68 -6.07	171.58 11.96 -22.10	219.82 15.94 -26.74	277.27 18.18 -52.47	265.17 16.31 -59.25	190.27 11.58 -35.73	151.15 9.22 -30.85	118.50 6.48 -28.93	100.81 5.90 -13.04	85.71 4.18 -14.15
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	80.82 3.38 -8.39	74.74 3.62 -4.00	70.18 3.34 0.00	69.50 2.87 0.00	68.23 2.75 0.00	70.11 3.21 0.00	70.18 3.28 0.00	70.65 3.75 0.00	71.27 4.10 0.00	76.08 4.64 0.00	88.95 5.66 0.00	104.57 7.20 0.00	119.31 8.74 0.00	128.81 9.87 0.00	137.96 10.44 -4.73	160.54 11.69 -11.33	204.76 15.59 -12.04	260.63 18.18 -35.83	238.50 16.50 -32.39	189.60 11.58 -35.06	152.16 9.33 -31.75	119.46 6.73 -29.64	101.65 6.06 -13.71	86.30 4.38 -14.53
POLETTI_____ 23519	79.70 3.25 -7.41	74.21 3.56 -3.53	70.11 3.27 0.00	69.30 2.67 0.00	68.03 2.55 0.00	69.91 3.01 0.00	70.10 3.21 0.02	71.10 3.81 -0.38	73.29 4.37 -1.75	77.88 4.79 -1.65	89.48 6.00 -0.19	106.07 8.18 -0.53	120.94 9.84 -0.53	131.20 11.18 -1.08	140.40 11.67 -5.93	185.06 13.34 -34.20	239.45 17.36 -44.96	302.55 19.84 -76.09	307.56 17.63 -100.31	192.10 12.72 -36.41	151.40 10.00 -30.32	118.50 6.98 -28.44	101.02 6.30 -12.83	85.34 4.04 -13.91
POMONA___ESR 323819	79.20 3.03 -7.12	73.73 3.22 -3.39	69.77 2.94 0.00	69.10 2.47 0.00	67.77 2.29 0.00	69.65 2.74 0.00	69.84 2.94 0.00	70.25 3.34 0.00	70.94 3.76 0.00	75.65 4.21 0.00	88.54 5.25 0.00	104.37 7.01 0.00	119.21 8.63 0.00	128.57 9.63 0.00	138.47 10.19 -5.48	144.32 11.55 4.76	179.78 15.40 12.76	224.36 17.55 -0.19	176.52 15.35 28.44	184.65 10.86 -30.83	148.97 8.89 -29.00	116.69 6.23 -27.36	99.43 5.57 -11.98	84.43 3.77 -13.27
PORT_JEFF_3 23555	128.42 6.28 -53.09	98.69 6.38 -25.20	72.79 5.95 -0.01	71.91 5.26 -0.01	70.46 4.97 -0.01	72.53 5.62 -0.01	72.86 5.95 -0.01	93.40 6.49 -20.01	105.25 6.86 -31.21	147.15 7.43 -68.29	131.19 8.33 -39.58	134.19 10.52 -26.31	143.65 11.72 -21.36	170.34 12.25 -39.15	210.94 12.53 -75.61	258.57 13.88 -107.16	278.07 18.25 -82.68	316.06 21.29 -88.16	348.05 19.14 -139.29	260.61 13.86 -103.78	269.81 11.44 -147.29	175.48 8.39 -84.00	134.26 8.93 -43.45	126.55 6.67 -52.49
PORT_JEFF_4 23616	128.42 6.28 -53.09	98.69 6.38 -25.20	72.79 5.95 -0.01	71.91 5.26 -0.01	70.46 4.97 -0.01	72.53 5.62 -0.01	72.86 5.95 -0.01	93.40 6.49 -20.01	105.25 6.86 -31.21	147.15 7.43 -68.29	131.19 8.33 -39.58	134.19 10.52 -26.31	143.65 11.72 -21.36	170.34 12.25 -39.15	210.94 12.53 -75.61	258.57 13.88 -107.16	278.07 18.25 -82.68	316.06 21.29 -88.16	348.05 19.14 -139.29	260.61 13.86 -103.78	269.81 11.44 -147.29	175.48 8.39 -84.00	134.26 8.93 -43.45	126.55 6.67 -52.49

PORT_JEFF_IC 23713	128.62 6.49 -53.09	98.83 6.51 -25.20	72.92 6.08 0.00	72.03 5.40 0.00	70.59 5.11 0.00	72.59 5.69 0.00	72.99 6.09 0.00	93.53 6.62 -20.01	105.44 7.05 -31.21	147.37 7.64 -68.29	131.53 8.66 -39.58	134.63 10.90 -26.37	145.24 12.27 -22.39	174.70 12.85 -42.92	226.81 12.89 -91.12	284.40 14.16 -132.71	278.49 18.42 -82.93	319.34 21.49 -91.22	362.89 19.15 -154.12	274.92 13.87 -118.09	286.71 11.66 -163.96	180.19 8.48 -88.63	134.79 9.25 -43.65	126.75 6.87 -52.49
PPL PILGRIM_ST_GT1 24216	128.90 6.77 -53.09	99.16 6.85 -25.20	73.26 6.42 -0.01	72.44 5.79 -0.01	70.99 5.50 -0.01	73.00 6.09 -0.01	73.40 6.49 -0.01	93.93 7.02 -20.01	105.85 7.46 -31.21	147.72 8.00 -68.29	131.78 8.92 -39.58	135.30 11.39 -26.56	139.59 12.38 -16.63	214.20 13.67 -81.59	209.92 13.63 -73.49	225.58 14.99 -73.07	280.94 19.84 -83.97	315.95 23.14 -86.19	331.49 20.86 -121.02	243.09 15.01 -85.12	194.37 12.33 -70.96	213.90 9.47 -121.34	135.43 9.58 -43.97	127.09 7.21 -52.49
PPL PILGRIM_ST_GT2 24217	128.90 6.77 -53.09	99.16 6.85 -25.20	73.26 6.42 -0.01	72.44 5.79 -0.01	70.99 5.50 -0.01	73.00 6.09 -0.01	73.40 6.49 -0.01	93.93 7.02 -20.01	105.85 7.46 -31.21	147.72 8.00 -68.29	131.78 8.92 -39.58	135.30 11.39 -26.56	139.59 12.38 -16.63	214.20 13.67 -81.59	209.92 13.63 -73.49	225.58 14.99 -73.07	280.94 19.84 -83.97	315.95 23.14 -86.19	331.49 20.86 -121.02	243.09 15.01 -85.12	194.37 12.33 -70.96	213.90 9.47 -121.34	135.43 9.58 -43.97	127.09 7.21 -52.49
PPL_SHRM_GT3 24213	128.21 6.08 -53.09	98.42 6.11 -25.20	72.52 5.68 -0.01	71.65 5.00 -0.01	70.14 4.65 -0.01	72.20 5.28 -0.01	72.59 5.68 -0.01	93.13 6.22 -20.01	104.84 6.45 -31.21	146.73 7.01 -68.29	130.78 7.92 -39.58	134.12 10.42 -26.33	143.94 11.84 -21.52	172.32 12.97 -40.41	215.01 13.27 -78.95	264.17 14.44 -112.21	277.82 17.88 -82.80	316.76 21.29 -88.85	351.25 19.35 -142.28	264.74 15.15 -106.63	273.09 12.33 -149.68	177.59 9.30 -85.20	134.46 9.09 -43.49	126.49 6.61 -52.49
PPL_SHRM_GT4 24214	128.21 6.08 -53.09	98.42 6.11 -25.20	72.52 5.68 -0.01	71.65 5.00 -0.01	70.14 4.65 -0.01	72.20 5.28 -0.01	72.59 5.68 -0.01	93.13 6.22 -20.01	104.84 6.45 -31.21	146.73 7.01 -68.29	130.78 7.92 -39.58	134.12 10.42 -26.33	143.94 11.84 -21.52	172.32 12.97 -40.41	215.01 13.27 -78.95	264.17 14.44 -112.21	277.82 17.88 -82.80	316.76 21.29 -88.85	351.25 19.35 -142.28	264.74 15.15 -106.63	273.09 12.33 -149.68	177.59 9.30 -85.20	134.46 9.09 -43.49	126.49 6.61 -52.49
PROJECT___ORANGE 1 24174	68.77 -0.28 0.00	66.38 -0.74 0.00	65.83 -1.00 0.00	65.44 -1.20 0.00	64.30 -1.18 0.00	65.90 -1.00 0.00	65.90 -1.00 0.00	65.97 -0.94 0.00	66.57 -0.60 0.00	70.94 -0.50 0.00	82.79 -0.50 0.00	96.68 -0.68 0.00	109.69 -0.88 0.00	117.99 -0.95 0.00	122.06 -0.74 0.00	136.97 -0.55 0.00	177.70 -0.71 -1.27	206.95 -0.62 -0.95	189.44 -0.57 -0.40	142.82 -0.14 0.00	111.41 0.33 0.00	83.75 0.66 0.00	81.72 -0.16 0.00	66.78 -0.61 0.00
PROJECT___ORANGE 2 24166	68.77 -0.28 0.00	66.38 -0.74 0.00	65.83 -1.00 0.00	65.44 -1.20 0.00	64.30 -1.18 0.00	65.90 -1.00 0.00	65.90 -1.00 0.00	65.97 -0.94 0.00	66.57 -0.60 0.00	70.94 -0.50 0.00	82.79 -0.50 0.00	96.68 -0.68 0.00	109.69 -0.88 0.00	117.99 -0.95 0.00	122.06 -0.74 0.00	136.97 -0.55 0.00	177.70 -0.71 -1.27	206.95 -0.62 -0.95	189.44 -0.57 -0.40	142.82 -0.14 0.00	111.41 0.33 0.00	83.75 0.66 0.00	81.72 -0.16 0.00	66.78 -0.61 0.00
PUCKETT___SOLAR 323809	74.78 2.00 -3.73	70.11 1.27 -1.72	67.57 0.74 0.00	67.23 0.60 0.00	66.20 0.72 0.00	67.97 1.07 0.00	68.04 1.14 0.00	67.97 1.07 0.00	68.39 1.21 0.00	72.87 1.43 0.00	84.54 1.25 0.00	98.82 1.46 0.00	112.92 2.33 -0.02	121.46 2.50 -0.02	125.75 2.94 -0.01	141.12 3.57 -0.03	182.83 4.60 -1.10	224.06 6.41 -11.03	206.24 6.45 -10.17	160.71 4.71 -13.04	128.46 4.56 -12.82	98.25 3.74 -11.41	90.90 2.62 -6.40	74.53 1.35 -5.80
PYRITES___HYD 24023	70.43 1.38 0.00	68.60 1.48 0.00	68.44 1.60 0.00	68.44 1.80 0.00	67.44 1.96 0.00	68.58 1.67 0.00	68.58 1.67 0.00	67.91 1.00 0.00	67.24 0.07 0.00	71.01 -0.43 0.00	82.54 -0.75 0.00	95.41 -1.95 0.00	107.70 -2.87 0.00	115.73 -3.21 0.00	119.48 -3.32 0.00	134.08 -3.44 0.00	173.24 -3.90 0.00	202.28 -4.34 0.00	187.15 -2.46 0.00	141.82 -1.14 0.00	109.30 -1.78 0.00	81.76 -1.33 0.00	81.55 -0.33 0.00	67.92 0.54 0.00
QUAKERRD_115KV_BK1 80622	67.94 -1.10 0.00	64.70 -2.42 0.00	63.83 -3.01 0.00	63.24 -3.40 0.00	62.21 -3.27 0.00	63.83 -3.08 0.00	63.42 -3.48 0.00	63.49 -3.41 0.00	64.35 -2.82 0.00	68.73 -2.71 0.00	79.71 -3.58 0.00	93.08 -4.28 0.00	104.59 -5.97 0.01	112.50 -6.42 0.01	116.65 -6.14 0.01	131.59 -5.91 0.02	169.03 -7.97 0.13	198.15 -8.47 0.00	181.46 -8.15 0.00	138.24 -4.72 0.00	108.41 -2.67 0.00	81.93 -1.16 0.00	79.26 -2.62 0.00	64.62 -2.76 0.00
QUENSBRY_115KV_TB8 356137	150.50 5.59 -75.86	108.47 5.30 -36.05	71.65 4.81 0.00	71.17 4.53 0.00	69.93 4.45 0.00	71.65 4.75 0.00	71.72 4.82 0.00	75.40 4.88 -3.62	89.21 5.37 -16.66	92.70 5.72 -15.55	91.07 6.00 -1.78	109.10 6.72 -5.02	123.30 7.74 -4.98	137.40 8.33 -10.14	155.36 8.96 -23.60	200.40 10.86 -52.01	244.65 14.17 -53.34	406.28 17.77 -181.89	436.14 17.63 -228.89	439.00 13.01 -283.03	387.02 10.77 -265.17	259.73 8.06 -168.58	195.70 7.21 -106.61	131.94 5.46 -59.09
RAMAPO___LBMP 323565	78.14 2.76 -6.33	72.99 2.95 -2.92	69.51 2.67 0.00	68.90 2.27 0.00	67.58 2.10 0.00	69.45 2.54 0.00	69.58 2.68 0.00	69.98 3.08 0.00	70.60 3.43 0.00	75.37 3.93 0.00	88.20 4.91 0.00	103.98 6.62 0.00	118.65 8.07 0.00	127.86 8.92 0.00	137.62 9.46 -5.37	148.92 10.59 -0.81	186.98 14.17 4.33	233.90 16.12 -11.16	194.32 14.03 9.32	184.01 10.01 -31.04	147.98 8.22 -28.68	116.01 5.82 -27.10	98.92 5.16 -11.88	84.07 3.50 -13.18
RANKINE___ 23646	68.29 -0.76 0.00	64.03 -3.09 0.00	62.83 -4.01 0.00	62.11 -4.53 0.00	61.09 -4.39 0.00	62.69 -4.21 0.00	62.15 -4.75 0.00	61.68 -5.22 0.00	62.74 -4.43 0.00	67.30 -4.14 0.00	78.32 -4.91 0.06	90.14 -7.20 0.01	95.69 -6.86 8.03	103.15 -7.26 8.54	109.95 -6.75 6.09	116.87 -6.88 13.77	139.15 -10.45 27.53	164.43 -10.54 31.65	154.38 -10.62 24.61	134.10 -8.86 0.00	106.42 -4.67 0.00	83.98 -1.91 -2.80	78.19 -4.42 -0.73	65.55 -4.25 -2.41
RAVENSWOOD_GT2_1 24244	79.77 3.31 -7.41	74.34 3.69 -3.53	70.18 3.34 0.00	69.44 2.80 0.00	68.16 2.68 0.00	70.05 3.14 0.00	70.25 3.35 0.00	71.17 3.88 -0.38	73.38 4.43 -1.77	77.95 4.86 -1.65	89.48 6.00 -0.19	106.07 8.18 -0.53	120.94 9.84 -0.53	131.20 11.18 -1.08	140.40 11.67 -5.93	184.90 13.20 -34.17	239.41 17.36 -44.91	302.29 19.63 -76.03	307.27 17.44 -100.21	191.95 12.58 -36.41	151.40 10.00 -30.32	118.51 6.98 -28.44	101.10 6.39 -12.83	85.41 4.11 -13.91
RAVENSWOOD_GT2_2 24245	79.77 3.31 -7.41	74.34 3.69 -3.53	70.18 3.34 0.00	69.44 2.80 0.00	68.16 2.68 0.00	70.05 3.14 0.00	70.25 3.35 0.00	71.17 3.88 -0.38	73.38 4.43 -1.77	77.95 4.86 -1.65	89.48 6.00 -0.19	106.07 8.18 -0.53	120.94 9.84 -0.53	131.20 11.18 -1.08	140.40 11.67 -5.93	184.90 13.20 -34.17	239.41 17.36 -44.91	302.29 19.63 -76.03	307.27 17.44 -100.21	191.95 12.58 -36.41	151.40 10.00 -30.32	118.51 6.98 -28.44	101.10 6.39 -12.83	85.41 4.11 -13.91

RAVENSWOOD_GT2_3 24246	79.77 3.31 -7.41	74.41 3.76 -3.53	70.24 3.41 0.00	69.50 2.87 0.00	68.23 2.75 0.00	70.05 3.14 0.00	70.31 3.41 0.00	71.23 3.95 -0.38	73.44 4.50 -1.77	78.02 4.93 -1.65	89.56 6.08 -0.19	106.17 8.28 -0.53	121.06 9.95 -0.53	131.31 11.30 -1.08	140.52 11.79 -5.93	185.04 13.34 -34.17	239.59 17.54 -44.91	302.49 19.84 -76.03	307.46 17.63 -100.21	192.10 12.72 -36.41	151.51 10.11 -30.32	118.59 7.06 -28.44	101.18 6.47 -12.83	85.48 4.18 -13.91
RAVENSWOOD_GT2_4 24247	79.77 3.31 -7.41	74.41 3.76 -3.53	70.24 3.41 0.00	69.50 2.87 0.00	68.23 2.75 0.00	70.05 3.14 0.00	70.31 3.41 0.00	71.23 3.95 -0.38	73.44 4.50 -1.77	78.02 4.93 -1.65	89.56 6.08 -0.19	106.17 8.28 -0.53	121.06 9.95 -0.53	131.31 11.30 -1.08	140.52 11.79 -5.93	185.04 13.34 -34.17	239.59 17.54 -44.91	302.49 19.84 -76.03	307.46 17.63 -100.21	192.10 12.72 -36.41	151.51 10.11 -30.32	118.59 7.06 -28.44	101.18 6.47 -12.83	85.48 4.18 -13.91
RAVENSWOOD_GT3_1 24248	79.77 3.31 -7.41	74.34 3.69 -3.53	70.24 3.41 0.00	69.44 2.80 0.00	68.16 2.68 0.00	70.05 3.14 0.00	70.25 3.35 0.00	71.23 3.95 -0.38	73.38 4.43 -1.77	77.95 4.86 -1.65	89.56 6.08 -0.19	106.17 8.28 -0.53	121.06 9.95 -0.53	131.20 11.18 -1.08	140.40 11.67 -5.93	184.90 13.20 -34.17	239.41 17.36 -44.91	302.49 19.84 -76.03	307.27 17.44 -100.21	191.95 12.58 -36.41	151.40 10.00 -30.32	118.51 6.98 -28.44	101.10 6.39 -12.83	85.41 4.11 -13.91
RAVENSWOOD_GT3_2 24249	79.77 3.31 -7.41	74.34 3.69 -3.53	70.24 3.41 0.00	69.44 2.80 0.00	68.16 2.68 0.00	70.05 3.14 0.00	70.25 3.35 0.00	71.23 3.95 -0.38	73.38 4.43 -1.77	77.95 4.86 -1.65	89.56 6.08 -0.19	106.17 8.28 -0.53	121.06 9.95 -0.53	131.20 11.18 -1.08	140.40 11.67 -5.93	184.90 13.20 -34.17	239.41 17.36 -44.91	302.49 19.84 -76.03	307.27 17.44 -100.21	191.95 12.58 -36.41	151.40 10.00 -30.32	118.51 6.98 -28.44	101.10 6.39 -12.83	85.41 4.11 -13.91
RAVENSWOOD_GT3_3 24250	79.91 3.45 -7.41	74.48 3.83 -3.53	70.31 3.48 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.18 3.28 0.00	70.38 3.48 0.00	71.37 4.08 -0.38	73.51 4.57 -1.77	78.16 5.07 -1.65	89.73 6.25 -0.19	106.36 8.47 -0.53	121.28 10.17 -0.53	131.55 11.54 -1.08	140.77 12.03 -5.93	185.31 13.61 -34.17	239.94 17.89 -44.91	302.91 20.25 -76.03	307.84 18.01 -100.21	192.38 13.01 -36.41	151.74 10.33 -30.32	118.76 7.23 -28.44	101.26 6.55 -12.83	85.54 4.25 -13.91
RAVENSWOOD_GT3_4 24251	79.91 3.45 -7.41	74.48 3.83 -3.53	70.31 3.48 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.18 3.28 0.00	70.38 3.48 0.00	71.37 4.08 -0.38	73.51 4.57 -1.77	78.16 5.07 -1.65	89.73 6.25 -0.19	106.36 8.47 -0.53	121.28 10.17 -0.53	131.55 11.54 -1.08	140.77 12.03 -5.93	185.31 13.61 -34.17	239.94 17.89 -44.91	302.91 20.25 -76.03	307.84 18.01 -100.21	192.38 13.01 -36.41	151.74 10.33 -30.32	118.76 7.23 -28.44	101.26 6.55 -12.83	85.54 4.25 -13.91
RAVENSWOOD_GT_1 23729	71.28 3.04 0.80	67.74 3.42 2.81	67.17 3.14 2.81	65.57 2.60 3.66	65.88 2.42 2.02	67.14 2.88 2.64	68.39 3.14 1.66	71.03 3.75 -0.38	73.17 4.23 -1.76	77.73 4.64 -1.64	89.22 5.75 -0.18	105.87 7.98 -0.53	120.72 9.62 -0.52	130.96 10.94 -1.08	140.02 11.30 -5.93	184.48 12.79 -34.17	238.87 16.83 -44.91	301.87 19.22 -76.03	262.38 16.88 -55.89	191.52 12.15 -36.40	151.06 9.66 -30.32	118.25 6.73 -28.43	96.59 6.06 -8.64	74.61 3.91 -3.32
RAVENSWOOD_GT_10 24258	78.82 3.31 -6.46	73.61 3.69 -2.80	69.92 3.41 0.32	69.08 2.87 0.42	67.93 2.68 0.23	69.74 3.14 0.30	70.06 3.35 0.19	71.23 3.95 -0.38	73.38 4.43 -1.77	78.02 4.93 -1.65	89.56 6.08 -0.19	106.17 8.28 -0.53	121.05 9.95 -0.53	131.32 11.30 -1.08	140.40 11.67 -5.93	184.90 13.20 -34.17	239.41 17.36 -44.91	302.49 19.84 -76.03	302.35 17.63 -95.10	191.95 12.58 -36.41	151.40 10.00 -30.32	118.59 7.06 -28.44	100.71 6.39 -12.44	84.25 4.18 -12.69
RAVENSWOOD_GT_11 24259	78.82 3.31 -6.46	73.61 3.69 -2.80	69.92 3.41 0.32	69.08 2.87 0.42	67.93 2.68 0.23	69.74 3.14 0.30	70.06 3.35 0.19	71.23 3.95 -0.38	73.38 4.43 -1.77	78.02 4.93 -1.65	89.56 6.08 -0.19	106.17 8.28 -0.53	121.05 9.95 -0.53	131.32 11.30 -1.08	140.40 11.67 -5.93	184.90 13.20 -34.17	239.41 17.36 -44.91	302.49 19.84 -76.03	302.35 17.63 -95.10	191.95 12.58 -36.41	151.40 10.00 -30.32	118.59 7.06 -28.44	100.71 6.39 -12.44	84.25 4.18 -12.69
RAVENSWOOD_GT_4 24252	73.59 3.38 -1.16	69.58 3.76 1.29	68.17 3.48 2.14	66.71 2.87 2.79	66.69 2.75 1.54	68.11 3.21 2.01	69.12 3.48 1.26	71.30 4.01 -0.38	73.44 4.50 -1.76	78.09 5.00 -1.64	89.64 6.16 -0.18	106.26 8.37 -0.53	121.16 10.06 -0.52	131.43 11.42 -1.07	140.52 11.79 -5.93	185.17 13.48 -34.17	239.58 17.54 -44.91	302.69 20.04 -76.03	273.90 17.82 -66.46	192.24 12.87 -36.41	151.62 10.22 -30.32	118.67 7.15 -28.43	97.99 6.47 -9.64	77.48 4.25 -5.85
RAVENSWOOD_GT_5 24254	73.59 3.38 -1.16	69.58 3.76 1.29	68.17 3.48 2.14	66.71 2.87 2.79	66.69 2.75 1.54	68.11 3.21 2.01	69.12 3.48 1.26	71.30 4.01 -0.38	73.44 4.50 -1.76	78.09 5.00 -1.64	89.64 6.16 -0.18	106.26 8.37 -0.53	121.16 10.06 -0.52	131.43 11.42 -1.07	140.52 11.79 -5.93	185.17 13.48 -34.17	239.58 17.54 -44.91	302.69 20.04 -76.03	273.90 17.82 -66.46	192.24 12.87 -36.41	151.62 10.22 -30.32	118.67 7.15 -28.43	97.99 6.47 -9.64	77.48 4.25 -5.85
RAVENSWOOD_GT_6 24253	73.59 3.38 -1.16	69.58 3.76 1.29	68.17 3.48 2.14	66.71 2.87 2.79	66.69 2.75 1.54	68.11 3.21 2.01	69.12 3.48 1.26	71.30 4.01 -0.38	73.44 4.50 -1.76	78.09 5.00 -1.64	89.64 6.16 -0.18	106.26 8.37 -0.53	121.16 10.06 -0.52	131.43 11.42 -1.07	140.52 11.79 -5.93	185.17 13.48 -34.17	239.58 17.54 -44.91	302.69 20.04 -76.03	273.90 17.82 -66.46	192.24 12.87 -36.41	151.62 10.22 -30.32	118.67 7.15 -28.43	97.99 6.47 -9.64	77.48 4.25 -5.85
RAVENSWOOD_GT_7 24255	73.59 3.38 -1.16	69.58 3.76 1.29	68.17 3.48 2.14	66.71 2.87 2.79	66.69 2.75 1.54	68.11 3.21 2.01	69.12 3.48 1.26	71.30 4.01 -0.38	73.44 4.50 -1.76	78.09 5.00 -1.64	89.64 6.16 -0.18	106.26 8.37 -0.53	121.16 10.06 -0.52	131.43 11.42 -1.07	140.52 11.79 -5.93	185.17 13.48 -34.17	239.58 17.54 -44.91	302.69 20.04 -76.03	273.90 17.82 -66.46	192.24 12.87 -36.41	151.62 10.22 -30.32	118.67 7.15 -28.43	97.99 6.47 -9.64	77.48 4.25 -5.85
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	78.82 3.31 -6.46	73.61 3.69 -2.80	69.92 3.41 0.32	69.08 2.87 0.42	67.93 2.68 0.23	69.74 3.14 0.30	70.06 3.35 0.19	71.23 3.95 -0.38	73.38 4.43 -1.77	78.02 4.93 -1.65	89.56 6.08 -0.19	106.17 8.28 -0.53	121.05 9.95 -0.53	131.32 11.30 -1.08	140.40 11.67 -5.93	184.90 13.20 -34.17	239.41 17.36 -44.91	302.49 19.84 -76.03	302.35 17.63 -95.10	191.95 12.58 -36.41	151.40 10.00 -30.32	118.59 7.06 -28.44	100.71 6.39 -12.44	84.25 4.18 -12.69
RAVENSWOOD_GT_9 24257	78.82 3.31 -6.46	73.61 3.69 -2.80	69.92 3.41 0.32	69.08 2.87 0.42	67.93 2.68 0.23	69.74 3.14 0.30	70.06 3.35 0.19	71.23 3.95 -0.38	73.38 4.43 -1.77	78.02 4.93 -1.65	89.56 6.08 -0.19	106.17 8.28 -0.53	121.05 9.95 -0.53	131.32 11.30 -1.08	140.40 11.67 -5.93	184.90 13.20 -34.17	239.41 17.36 -44.91	302.49 19.84 -76.03	302.35 17.63 -95.10	191.95 12.58 -36.41	151.40 10.00 -30.32	118.59 7.06 -28.44	100.71 6.39 -12.44	84.25 4.18 -12.69

RAVENSWOOD___1 23533	70.00 3.03 2.08	66.74 3.42 3.80	66.67 3.08 3.25	64.93 2.53 4.24	65.57 2.42 2.34	66.73 2.87 3.05	68.13 3.15 1.92	70.96 3.68 -0.38	73.10 4.17 -1.76	77.66 4.58 -1.64	89.14 5.67 -0.18	105.77 7.88 -0.53	120.61 9.51 -0.52	130.84 10.82 -1.08	139.90 11.17 -5.93	184.33 12.64 -34.17	238.88 16.84 -44.91	301.65 19.00 -76.03	255.28 16.69 -48.97	191.38 12.01 -36.40	150.95 9.55 -30.32	118.25 6.73 -28.43	94.92 6.06 -6.98	72.89 3.84 -1.67
RAVENSWOOD___2 23534	69.41 2.48 2.12	66.32 3.02 3.82	66.32 2.74 3.26	64.78 2.40 4.25	65.29 2.16 2.35	66.32 2.48 3.06	67.66 2.68 1.92	70.42 3.15 -0.38	72.56 3.63 -1.76	77.08 4.00 -1.64	88.38 4.91 -0.18	104.90 7.01 -0.53	119.73 8.63 -0.52	129.89 9.87 -1.08	138.80 10.07 -5.93	183.10 11.41 -34.17	237.09 15.05 -44.91	299.79 17.14 -76.03	253.37 14.98 -48.78	190.23 10.86 -36.40	149.95 8.55 -30.32	117.50 5.99 -28.43	94.14 5.32 -6.94	72.31 3.30 -1.62
RAVENSWOOD___3 23535	79.77 3.31 -7.41	74.34 3.69 -3.53	70.24 3.41 0.00	69.43 2.80 0.00	68.17 2.69 0.00	70.05 3.15 0.00	70.25 3.34 0.00	71.23 3.95 -0.38	73.38 4.43 -1.77	77.95 4.86 -1.65	89.48 6.00 -0.19	106.16 8.27 -0.53	121.06 9.96 -0.53	131.19 11.18 -1.08	140.40 11.67 -5.93	184.90 13.20 -34.17	239.42 17.37 -44.91	302.49 19.84 -76.03	307.26 17.43 -100.21	191.96 12.58 -36.41	151.41 10.00 -30.32	118.59 7.06 -28.44	101.10 6.39 -12.83	85.48 4.18 -13.91
RAVENSWOOD___4 23820	68.63 2.97 3.38	65.67 3.35 4.80	66.22 3.08 3.69	64.35 2.53 4.82	65.24 2.42 2.66	66.25 2.81 3.47	67.80 3.08 2.18	70.89 3.61 -0.37	73.03 4.10 -1.76	77.58 4.50 -1.64	89.05 5.58 -0.18	105.68 7.79 -0.52	120.49 9.39 -0.52	130.73 10.71 -1.08	139.78 11.06 -5.93	184.20 12.51 -34.17	238.69 16.65 -44.91	301.65 19.00 -76.03	248.26 16.69 -41.96	191.38 12.01 -36.40	150.83 9.44 -30.32	118.17 6.65 -28.43	93.15 5.97 -5.30	71.21 3.84 0.01
RCPL_TRUST___DRP 24196	79.91 3.45 -7.41	74.48 3.83 -3.53	70.31 3.48 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.18 3.28 0.00	70.38 3.48 0.00	71.43 4.15 -0.38	73.58 4.64 -1.77	78.23 5.14 -1.65	89.89 6.41 -0.19	106.56 8.67 -0.53	121.50 10.39 -0.53	131.79 11.78 -1.08	141.01 12.28 -5.93	185.65 13.89 -34.23	240.21 18.07 -45.00	303.44 20.66 -76.15	308.23 18.20 -100.42	192.53 13.15 -36.42	151.84 10.44 -30.32	118.75 7.23 -28.44	101.26 6.55 -12.83	85.61 4.31 -13.91
RED___ROCHESTER 323720	70.01 0.97 0.00	66.38 -0.74 0.00	65.37 -1.47 0.00	64.64 -2.00 0.00	63.58 -1.90 0.00	65.23 -1.67 0.00	64.76 -2.14 0.00	64.83 -2.07 0.00	65.83 -1.34 0.00	70.37 -1.07 0.00	81.71 -1.59 0.00	95.02 -2.34 0.00	106.69 -3.87 0.01	114.76 -4.17 0.01	119.22 -3.57 0.01	134.48 -3.03 0.02	172.76 -4.25 0.12	203.06 -4.13 -0.57	185.85 -4.17 -0.41	141.39 -1.57 0.00	111.19 0.11 0.00	84.00 0.92 0.00	81.56 -0.33 0.00	66.17 -1.21 0.00
REGAN___SOLAR 323812	147.73 6.77 -71.91	107.19 6.31 -33.77	72.72 5.88 0.00	72.23 5.60 0.00	71.11 5.63 0.00	72.86 5.95 0.00	72.86 5.95 0.00	74.59 5.62 -2.07	82.41 5.71 -9.53	86.05 5.72 -8.89	90.63 6.33 -1.02	107.25 7.01 -2.87	121.61 8.18 -2.85	133.31 8.57 -5.80	144.88 9.33 -12.76	177.54 11.68 -28.34	221.19 14.88 -29.17	383.74 19.42 -157.70	414.48 18.96 -205.90	418.16 14.87 -260.33	372.26 12.33 -248.85	251.14 9.30 -158.75	193.99 8.52 -103.59	130.94 6.41 -57.15
RENSSELAER___COGEN 23796	79.50 1.38 -9.07	69.01 1.61 -0.28	68.30 1.47 0.00	67.97 1.33 0.00	66.72 1.24 0.00	68.37 1.47 0.00	68.37 1.47 0.00	55.40 1.54 13.04	8.80 1.74 60.12	17.28 1.93 56.09	79.04 2.16 6.41	82.07 2.83 18.12	95.81 3.21 17.98	85.93 3.56 36.57	18.87 3.32 107.25	-90.21 3.57 231.30	-52.95 4.78 234.87	73.45 5.17 138.34	91.60 4.54 102.56	73.45 3.01 72.52	101.54 2.66 12.21	95.30 1.99 -10.22	124.56 1.96 -40.72	96.98 1.75 -27.85
REPUBLIC_115KV_BARTNBRK 55605	155.36 10.63 -75.68	112.98 9.87 -35.99	75.99 9.16 0.00	75.23 8.60 0.00	74.06 8.58 0.00	75.80 8.90 0.00	75.87 8.96 0.00	79.63 9.03 -3.70	93.88 9.67 -17.03	97.62 10.29 -15.89	96.35 11.24 -1.82	114.76 12.27 -5.13	129.82 14.15 -5.09	144.64 15.34 -10.36	163.55 16.58 -24.17	211.00 20.22 -53.26	257.79 26.04 -54.62	421.92 32.85 -182.45	449.59 30.91 -229.07	449.15 23.30 -282.89	394.56 18.77 -264.71	265.66 14.29 -168.28	200.94 12.86 -106.20	136.20 9.91 -58.90
REVERE_CPPR_DRP 24186	72.71 3.66 0.00	70.41 3.29 0.00	69.71 2.87 0.00	69.30 2.67 0.00	68.16 2.68 0.00	69.85 2.94 0.00	70.11 3.21 0.00	69.98 3.08 0.00	70.33 3.16 0.00	74.73 3.29 0.00	87.04 3.75 0.00	100.87 3.50 0.00	114.44 3.87 0.00	123.22 4.28 0.00	127.59 4.79 0.00	143.44 5.91 0.00	185.56 7.79 -0.63	216.80 9.71 -0.47	200.05 10.24 -0.20	151.11 8.15 0.00	117.41 6.33 0.00	88.49 5.40 0.00	86.14 4.26 0.00	70.42 3.03 0.00
REYNLDPA_13_KV_LD 356490	68.98 -0.07 0.00	67.19 0.07 0.00	67.24 0.40 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.17 0.27 0.00	67.17 0.27 0.00	67.10 0.20 0.00	66.97 -0.20 0.00	70.94 -0.50 0.00	82.54 -0.75 0.00	95.80 -1.56 0.00	108.81 -1.77 0.00	116.92 -2.02 0.00	120.34 -2.46 0.00	134.77 -2.75 0.00	173.77 -3.37 0.00	202.49 -4.13 0.00	185.82 -3.79 0.00	140.10 -2.86 0.00	107.97 -3.11 0.00	80.93 -2.16 0.00	80.65 -1.23 0.00	66.91 -0.47 0.00
REYNOLDS_115KV_TB3 80639	132.64 2.21 -61.38	100.72 2.35 -31.25	69.04 2.21 0.00	68.70 2.07 0.00	67.44 1.96 0.00	69.11 2.21 0.00	69.04 2.14 0.00	79.08 2.27 -9.90	115.29 2.49 -45.63	116.72 2.71 -42.57	91.41 3.25 -4.87	115.10 3.99 -13.75	128.75 4.53 -13.64	151.69 5.00 -27.75	197.32 4.91 -69.61	294.65 5.36 -151.77	339.12 7.09 -154.89	441.12 7.85 -226.65	439.35 7.02 -242.72	419.79 4.72 -272.11	344.22 4.11 -229.02	231.34 3.07 -145.18	158.78 2.95 -73.95	114.08 2.56 -44.14
RIVERBAY____ 323610	81.02 4.56 -7.42	75.49 4.83 -3.54	71.39 4.54 -0.01	70.56 3.93 0.01	69.29 3.80 -0.01	71.18 4.28 0.01	71.31 4.42 0.01	72.25 4.95 -0.39	74.38 5.44 -1.76	79.03 5.93 -1.66	90.73 7.25 -0.20	107.54 9.64 -0.54	122.61 11.50 -0.54	133.11 13.08 -1.08	142.37 13.63 -5.94	187.24 15.54 -34.18	242.43 20.37 -44.92	306.01 23.35 -76.04	311.42 20.86 -100.95	194.69 15.30 -36.43	153.63 12.22 -30.33	120.18 8.64 -28.45	102.58 7.86 -12.84	86.56 5.26 -13.92
RIVERSDE_115KV_TB3 55908	121.69 2.00 -50.64	94.03 2.21 -24.70	68.91 2.07 0.00	68.50 1.87 0.00	67.31 1.83 0.00	68.98 2.07 0.00	68.91 2.01 0.00	73.51 2.07 -4.53	90.41 2.35 -20.89	93.50 2.57 -19.49	88.60 3.08 -2.23	107.45 3.80 -6.29	121.02 4.20 -6.24	136.40 4.76 -12.70	156.00 4.54 -28.66	205.54 4.95 -63.06	248.32 6.55 -64.63	358.59 7.23 -144.73	362.74 6.45 -166.68	344.92 4.43 -197.53	293.15 3.78 -178.29	202.88 2.82 -116.97	152.93 2.70 -68.35	111.09 2.36 -41.34
ROARING___BROOK_WT_PWR 323790	68.36 -0.69 0.00	66.58 -0.54 0.00	66.37 -0.46 0.00	66.24 -0.40 0.00	65.09 -0.39 0.00	66.50 -0.40 0.00	66.50 -0.40 0.00	66.50 -0.40 0.00	66.64 -0.54 0.00	70.80 -0.64 0.00	82.46 -0.83 0.00	96.20 -1.16 0.00	109.03 -1.55 0.00	117.16 -1.78 0.00	120.71 -2.09 0.00	135.18 -2.34 0.00	173.95 -3.18 0.00	202.91 -3.71 0.00	186.39 -3.22 0.00	140.39 -2.57 0.00	108.74 -2.34 0.00	81.26 -1.83 0.00	80.32 -1.56 0.00	66.30 -1.08 0.00

ROCHESRG_115KV_T4 355643	68.91 -0.14 0.00	65.44 -1.68 0.00	64.50 -2.34 0.00	63.84 -2.80 0.00	62.80 -2.68 0.00	64.43 -2.48 0.00	63.96 -2.94 0.00	63.89 -3.01 0.00	64.82 -2.35 0.00	69.30 -2.14 0.00	80.21 -3.08 0.00	93.56 -3.80 0.00	105.03 -5.53 0.01	112.86 -6.07 0.02	117.14 -5.65 0.01	132.14 -5.36 0.02	169.54 -7.44 0.16	199.40 -7.65 -0.42	182.52 -7.39 -0.30	139.10 -3.86 0.00	109.30 -1.78 0.00	82.76 -0.33 0.00	79.92 -1.97 0.00	65.23 -2.16 0.00
ROCHESTER_9_IC 23652	69.53 0.48 0.00	65.98 -1.14 0.00	64.96 -1.87 0.00	64.24 -2.40 0.00	63.19 -2.29 0.00	64.83 -2.07 0.00	64.36 -2.54 0.00	64.43 -2.48 0.00	65.36 -1.81 0.00	69.87 -1.57 0.00	80.96 -2.33 0.00	94.34 -3.02 0.00	105.92 -4.64 0.01	113.93 -5.00 0.01	118.12 -4.67 0.01	133.52 -3.99 0.02	171.35 -5.67 0.12	201.61 -5.58 -0.57	184.34 -5.69 -0.41	140.39 -2.57 0.00	110.30 -0.78 0.00	83.50 0.42 0.00	80.57 -1.31 0.00	65.70 -1.68 0.00
ROCKVIEW_13_KV_LD 356306	80.53 4.07 -7.41	74.95 4.30 -3.53	70.78 3.94 0.00	70.04 3.40 0.00	68.75 3.27 0.00	70.65 3.75 0.00	70.78 3.88 0.00	71.57 4.28 -0.38	73.71 4.77 -1.77	78.45 5.36 -1.65	90.14 6.66 -0.19	106.85 8.96 -0.53	121.83 10.73 -0.53	132.15 12.13 -1.08	141.38 12.65 -5.93	186.17 14.44 -34.21	241.25 19.13 -44.99	304.86 22.11 -76.12	310.23 19.53 -101.08	193.56 14.15 -36.44	152.51 11.11 -30.32	119.25 7.73 -28.44	101.75 7.04 -12.83	86.02 4.72 -13.91
ROME____115KV_TB2 80656	72.71 3.66 0.00	70.41 3.29 0.00	69.71 2.87 0.00	69.30 2.67 0.00	68.16 2.68 0.00	69.85 2.94 0.00	70.11 3.21 0.00	69.98 3.08 0.00	70.33 3.16 0.00	74.73 3.29 0.00	87.04 3.75 0.00	100.87 3.50 0.00	114.44 3.87 0.00	123.22 4.28 0.00	127.59 4.79 0.00	143.44 5.91 0.00	185.56 7.79 -0.63	216.80 9.71 -0.47	200.05 10.24 -0.20	151.11 8.15 0.00	117.41 6.33 0.00	88.49 5.40 0.00	86.14 4.26 0.00	70.42 3.03 0.00
ROSETON___1 23587	78.25 2.76 -6.44	73.04 2.95 -2.97	69.58 2.74 0.00	68.97 2.33 0.00	67.71 2.23 0.00	69.58 2.68 0.00	69.58 2.68 0.00	69.84 2.94 0.00	70.47 3.29 0.00	75.15 3.71 0.00	87.87 4.58 0.00	103.50 6.14 0.00	117.98 7.41 0.00	127.03 8.09 0.00	136.47 8.35 -5.32	158.25 9.22 -11.51	201.06 12.21 -11.71	253.11 13.63 -32.86	229.09 12.32 -27.15	184.15 8.72 -32.47	147.19 7.12 -28.99	116.06 5.24 -27.73	98.79 4.75 -12.16	84.52 3.50 -13.63
ROSETON___2 23588	78.25 2.76 -6.44	73.04 2.95 -2.97	69.58 2.74 0.00	68.97 2.33 0.00	67.71 2.23 0.00	69.58 2.68 0.00	69.58 2.68 0.00	69.84 2.94 0.00	70.47 3.29 0.00	75.15 3.71 0.00	87.87 4.58 0.00	103.50 6.14 0.00	117.98 7.41 0.00	127.03 8.09 0.00	136.47 8.35 -5.32	158.25 9.22 -11.51	201.06 12.21 -11.71	253.11 13.63 -32.86	229.09 12.32 -27.15	184.15 8.72 -32.47	147.19 7.12 -28.99	116.06 5.24 -27.73	98.79 4.75 -12.16	84.52 3.50 -13.63
ROTRDAM_115KV_TB3 80664	150.47 2.55 -78.87	106.71 2.55 -37.04	69.24 2.41 0.00	68.90 2.27 0.00	67.71 2.23 0.00	69.38 2.48 0.00	69.31 2.41 0.00	71.52 2.34 -2.28	80.15 2.49 -10.49	83.87 2.64 -9.79	87.49 3.08 -1.12	104.22 3.70 -3.16	118.02 4.31 -3.14	130.08 4.76 -6.38	141.69 4.91 -13.98	174.29 5.64 -31.13	216.47 7.26 -32.07	387.84 8.68 -172.54	423.76 8.15 -225.99	434.54 6.15 -285.43	389.15 5.22 -272.85	260.54 3.91 -173.55	198.94 3.60 -113.46	132.38 2.76 -62.23
RUSSELL___1 23602	70.01 0.97 0.00	66.38 -0.74 0.00	65.37 -1.47 0.00	64.64 -2.00 0.00	63.58 -1.90 0.00	65.23 -1.67 0.00	64.76 -2.14 0.00	64.83 -2.07 0.00	65.83 -1.34 0.00	70.37 -1.07 0.00	81.54 -1.75 0.00	95.02 -2.34 0.00	106.69 -3.87 0.01	114.76 -4.16 0.01	118.98 -3.81 0.01	134.62 -2.89 0.02	172.76 -4.25 0.12	203.47 -3.72 -0.57	186.04 -3.98 -0.41	141.53 -1.43 0.00	111.19 0.11 0.00	84.17 1.08 0.00	81.23 -0.66 0.00	66.17 -1.21 0.00
RUSSELL___2 23532	70.01 0.97 0.00	66.38 -0.74 0.00	65.37 -1.47 0.00	64.64 -2.00 0.00	63.58 -1.90 0.00	65.23 -1.67 0.00	64.76 -2.14 0.00	64.83 -2.07 0.00	65.83 -1.34 0.00	70.37 -1.07 0.00	81.54 -1.75 0.00	95.02 -2.34 0.00	106.69 -3.87 0.01	114.76 -4.16 0.01	118.98 -3.81 0.01	134.62 -2.89 0.02	172.76 -4.25 0.12	203.47 -3.72 -0.57	186.04 -3.98 -0.41	141.53 -1.43 0.00	111.19 0.11 0.00	84.17 1.08 0.00	81.23 -0.66 0.00	66.17 -1.21 0.00
RUSSELL___3 23549	70.01 0.97 0.00	66.38 -0.74 0.00	65.37 -1.47 0.00	64.64 -2.00 0.00	63.58 -1.90 0.00	65.23 -1.67 0.00	64.76 -2.14 0.00	64.83 -2.07 0.00	65.83 -1.34 0.00	70.37 -1.07 0.00	81.54 -1.75 0.00	95.02 -2.34 0.00	106.69 -3.87 0.01	114.76 -4.16 0.01	118.98 -3.81 0.01	134.62 -2.89 0.02	172.76 -4.25 0.12	203.47 -3.72 -0.57	186.04 -3.98 -0.41	141.53 -1.43 0.00	111.19 0.11 0.00	84.17 1.08 0.00	81.23 -0.66 0.00	66.17 -1.21 0.00
RUSSELL___4 23556	70.01 0.97 0.00	66.38 -0.74 0.00	65.37 -1.47 0.00	64.64 -2.00 0.00	63.58 -1.90 0.00	65.23 -1.67 0.00	64.76 -2.14 0.00	64.83 -2.07 0.00	65.83 -1.34 0.00	70.37 -1.07 0.00	81.54 -1.75 0.00	95.02 -2.34 0.00	106.69 -3.87 0.01	114.76 -4.16 0.01	118.98 -3.81 0.01	134.62 -2.89 0.02	172.76 -4.25 0.12	203.47 -3.72 -0.57	186.04 -3.98 -0.41	141.53 -1.43 0.00	111.19 0.11 0.00	84.17 1.08 0.00	81.23 -0.66 0.00	66.17 -1.21 0.00
RUSSELL___STATION 23914	70.01 0.97 0.00	66.38 -0.74 0.00	65.37 -1.47 0.00	64.64 -2.00 0.00	63.58 -1.90 0.00	65.23 -1.67 0.00	64.76 -2.14 0.00	64.83 -2.07 0.00	65.83 -1.34 0.00	70.37 -1.07 0.00	81.54 -1.75 0.00	95.02 -2.34 0.00	106.69 -3.87 0.01	114.76 -4.16 0.01	118.98 -3.81 0.01	134.62 -2.89 0.02	172.76 -4.25 0.12	203.47 -3.72 -0.57	186.04 -3.98 -0.41	141.53 -1.43 0.00	111.19 0.11 0.00	84.17 1.08 0.00	81.23 -0.66 0.00	66.17 -1.21 0.00
S SALMON___HYD 24043	69.46 0.42 0.00	67.12 0.00 0.00	66.57 -0.27 0.00	66.24 -0.40 0.00	65.15 -0.33 0.00	66.70 -0.20 0.00	66.90 0.00 0.00	66.84 -0.07 0.00	67.11 -0.07 0.00	71.37 -0.07 0.00	82.96 -0.33 0.00	96.88 -0.48 0.00	109.69 -0.89 0.00	117.87 -1.07 0.00	121.94 -0.85 0.00	137.11 -0.41 0.00	179.21 -0.71 -2.78	208.50 -0.21 -2.08	191.24 0.76 -0.87	144.39 1.43 0.00	112.42 1.34 0.00	84.41 1.33 0.00	82.53 0.65 0.00	67.39 0.00 0.00
S.PERRY__115KV_TB1 80734	69.74 0.69 0.00	65.91 -1.21 0.00	64.76 -2.07 0.00	63.97 -2.67 0.00	62.99 -2.49 0.00	64.76 -2.14 0.00	64.36 -2.54 0.00	64.16 -2.74 0.00	64.42 -2.75 0.00	68.44 -3.00 0.00	79.24 -4.25 -0.19	88.84 -8.57 -0.05	130.55 -10.39 -30.37	139.41 -11.89 -32.37	134.16 -11.67 -23.03	177.63 -12.38 -52.49	269.21 -15.94 -108.02	321.32 -16.53 -131.23	267.02 -14.22 -91.63	135.67 -7.29 0.00	108.08 -3.00 0.00	84.85 -1.16 -2.92	79.61 -3.03 -0.76	68.15 -1.75 -2.51
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	67.80 -1.24 0.00	63.63 -3.49 0.00	62.43 -4.41 0.00	61.71 -4.93 0.00	60.70 -4.78 0.00	62.29 -4.62 0.00	61.62 -5.29 0.00	61.08 -5.82 0.00	62.14 -5.04 0.00	66.65 -4.79 0.00	77.24 -6.00 0.05	89.36 -7.98 0.01	93.62 -8.96 7.99	100.86 -9.63 8.44	107.52 -9.21 6.07	114.27 -9.49 13.76	137.61 -13.82 25.71	159.20 -14.26 33.17	149.98 -14.03 25.60	132.81 -10.15 0.00	105.30 -5.78 0.00	83.10 -2.66 -2.67	77.42 -5.16 -0.70	65.03 -4.65 -2.29

SAWYER___23_KV_LOAD 55526	67.80 -1.24 0.00	63.63 -3.49 0.00	62.43 -4.41 0.00	61.71 -4.93 0.00	60.70 -4.78 0.00	62.29 -4.62 0.00	61.62 -5.29 0.00	61.08 -5.82 0.00	62.14 -5.04 0.00	66.65 -4.79 0.00	77.24 -6.00 0.05	89.36 -7.98 0.01	93.62 -8.96 7.99	100.86 -9.63 8.44	107.52 -9.21 6.07	114.27 -9.49 13.76	137.61 -13.82 25.71	159.20 -14.26 33.17	149.98 -14.03 25.60	132.81 -10.15 0.00	105.30 -5.78 0.00	83.10 -2.66 -2.67	77.42 -5.16 -0.70	65.03 -4.65 -2.29
SELKIRK___I 23801	83.09 0.55 -13.49	72.29 0.87 -4.30	67.57 0.74 0.00	67.30 0.67 0.00	66.13 0.65 0.00	67.71 0.81 0.00	67.57 0.67 0.00	61.14 0.67 6.43	38.26 0.74 29.66	44.56 0.79 27.67	81.04 0.92 3.16	89.59 1.17 8.94	103.04 1.33 8.87	102.44 1.54 18.04	70.60 1.35 53.55	23.79 1.38 115.11	62.39 1.95 116.70	162.13 2.07 46.56	164.95 1.90 26.56	138.86 1.28 5.39	136.69 1.44 -24.17	113.51 1.08 -29.35	117.62 0.90 -34.83	93.59 0.87 -25.33
SELKIRK___II 23799	83.24 0.90 -13.30	72.23 1.21 -3.90	67.90 1.07 0.00	67.64 1.00 0.00	66.40 0.92 0.00	68.04 1.14 0.00	67.97 1.07 0.00	60.57 1.14 7.47	34.04 1.27 34.41	40.69 1.35 32.10	81.28 1.67 3.67	89.23 2.24 10.37	102.83 2.55 10.29	100.86 2.85 20.93	63.40 2.70 62.09	6.87 2.89 133.54	45.60 3.89 135.43	150.39 3.92 60.15	155.98 3.59 37.23	130.84 2.28 14.40	133.32 2.22 -20.02	112.11 1.66 -27.36	119.86 1.48 -36.51	94.87 1.35 -26.14
SENECA OSWGO___HYD 24041	68.15 -0.90 0.00	65.84 -1.28 0.00	65.30 -1.53 0.00	64.97 -1.66 0.00	63.85 -1.63 0.00	65.43 -1.47 0.00	65.43 -1.47 0.00	65.57 -1.34 0.00	66.03 -1.14 0.00	70.37 -1.07 0.00	82.04 -1.25 0.00	95.80 -1.56 0.00	108.80 -1.77 0.00	116.92 -2.02 0.00	120.96 -1.84 0.00	135.73 -1.79 0.00	179.04 -2.31 -4.21	207.30 -2.47 -3.15	188.66 -2.27 -1.32	141.67 -1.29 0.00	110.53 -0.55 0.00	82.92 -0.17 0.00	81.14 -0.74 0.00	66.30 -1.08 0.00
SENECA___115KV_TB3 355854	68.43 -0.62 0.00	64.17 -2.95 0.00	62.96 -3.88 0.00	62.17 -4.46 0.00	61.22 -4.26 0.00	62.75 -4.15 0.00	62.29 -4.62 0.00	61.82 -5.08 0.00	62.88 -4.30 0.00	67.51 -3.93 0.00	78.49 -4.75 0.06	90.34 -7.01 0.01	95.91 -6.63 8.03	103.39 -7.02 8.54	110.20 -6.51 6.09	117.15 -6.60 13.77	139.51 -10.10 27.53	164.84 -10.12 31.65	154.76 -10.24 24.61	134.38 -8.58 0.00	106.64 -4.44 0.00	84.15 -1.74 -2.80	78.27 -4.34 -0.73	65.68 -4.11 -2.41
SENECA___ENERGY 23797	69.39 0.35 0.00	66.51 -0.61 0.00	65.70 -1.14 0.00	65.23 -1.40 0.00	64.17 -1.31 0.00	65.90 -1.00 0.00	65.97 -0.94 0.00	66.10 -0.80 0.00	66.71 -0.47 0.00	71.23 -0.21 0.00	82.89 -0.41 -0.01	96.49 -0.88 0.00	111.44 -1.21 -2.08	119.73 -1.42 -2.21	123.26 -1.11 -1.57	140.25 -0.82 -3.55	185.06 -1.06 -8.98	218.30 -0.41 -12.09	195.98 -0.38 -6.74	142.96 0.00 0.00	111.97 0.88 0.00	86.62 1.41 -2.12	82.85 0.41 -0.55	68.74 -0.47 -1.83
SHOEMAKER___GT 23640	77.47 2.42 -6.01	72.50 2.62 -2.77	69.17 2.34 0.00	68.63 2.00 0.00	67.31 1.83 0.00	69.18 2.28 0.00	69.24 2.34 0.00	69.44 2.54 0.00	70.00 2.82 0.00	74.58 3.14 0.00	87.12 3.83 0.00	102.52 5.16 0.00	116.87 6.30 0.00	126.08 7.14 0.00	135.03 7.49 -4.74	148.99 8.39 -3.08	188.01 11.17 0.29	235.58 13.03 -15.93	202.18 11.76 -0.81	180.37 8.29 -29.12	144.61 6.78 -26.75	113.57 4.98 -25.49	97.58 4.42 -11.28	83.02 3.10 -12.53
SHOEMAKR_138KV_BK 111 55601	77.43 2.42 -5.96	72.42 2.55 -2.75	69.18 2.34 0.00	68.57 1.93 0.00	67.31 1.83 0.00	69.11 2.21 0.00	69.18 2.27 0.00	69.45 2.54 0.00	70.00 2.82 0.00	74.65 3.21 0.00	87.29 4.00 0.00	102.62 5.26 0.00	116.99 6.41 0.00	126.08 7.14 0.00	134.96 7.49 -4.68	149.22 8.39 -3.31	188.59 11.34 -0.12	236.02 13.02 -16.38	202.99 11.57 -1.81	179.99 8.15 -28.88	144.38 6.78 -26.52	113.37 4.99 -25.30	97.42 4.34 -11.20	82.86 3.03 -12.44
SHOREHAM_IC_1 23715	128.21 6.08 -53.09	98.42 6.11 -25.20	72.52 5.68 -0.01	71.65 5.00 -0.01	70.14 4.65 -0.01	72.20 5.28 -0.01	72.59 5.68 -0.01	93.13 6.22 -20.01	104.84 6.45 -31.21	146.73 7.01 -68.29	130.78 7.92 -39.58	134.12 10.42 -26.33	143.94 11.84 -21.52	172.32 12.97 -40.41	215.01 13.27 -78.95	264.17 14.44 -112.21	277.82 17.88 -82.80	316.76 21.29 -88.85	351.25 19.35 -142.28	264.74 15.15 -106.63	273.09 12.33 -149.68	177.59 9.30 -85.20	134.46 9.09 -43.49	126.49 6.61 -52.49
SHOREHAM_IC_2 23716	128.21 6.08 -53.09	98.42 6.11 -25.20	72.52 5.68 0.00	71.63 5.00 0.00	70.13 4.65 0.00	72.19 5.29 0.00	72.59 5.69 0.00	93.13 6.22 -20.01	104.84 6.45 -31.21	146.80 7.07 -68.29	130.95 8.08 -39.58	134.11 10.42 -26.33	143.82 11.72 -21.52	172.32 12.96 -40.41	215.01 13.26 -78.95	264.17 14.44 -112.21	277.65 17.71 -82.80	316.34 20.87 -88.85	350.86 18.96 -142.28	264.46 14.87 -106.63	273.09 12.33 -149.68	177.51 9.22 -85.20	134.46 9.09 -43.49	126.48 6.60 -52.49
SISSONVILLE____ 23735	68.98 -0.07 0.00	67.25 0.13 0.00	67.24 0.40 0.00	67.17 0.53 0.00	66.14 0.65 0.00	67.24 0.33 0.00	67.10 0.20 0.00	66.57 -0.33 0.00	65.97 -1.21 0.00	69.73 -1.71 0.00	81.04 -2.25 0.00	93.86 -3.50 0.00	105.82 -4.75 0.00	113.71 -5.23 0.00	117.15 -5.65 0.00	131.33 -6.19 0.00	169.88 -7.62 -0.36	198.21 -8.68 -0.27	182.33 -7.39 -0.11	137.67 -5.29 0.00	106.08 -5.00 0.00	79.52 -3.57 0.00	79.51 -2.37 0.00	66.44 -0.94 0.00
SITHE_IND_GS1 24169	67.25 -1.80 0.00	65.04 -2.08 0.00	64.56 -2.27 0.00	64.24 -2.40 0.00	63.13 -2.35 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	65.09 -2.08 0.00	69.30 -2.14 0.00	80.79 -2.50 0.00	94.34 -3.02 0.00	107.03 -3.54 0.00	115.13 -3.81 0.00	118.99 -3.81 0.00	133.40 -4.12 0.00	159.36 -5.49 12.28	191.23 -6.19 9.20	180.09 -5.68 3.84	139.11 -3.85 0.00	108.41 -2.67 0.00	81.43 -1.66 0.00	79.75 -2.13 0.00	65.30 -2.09 0.00
SITHE_IND_GS2 24170	67.25 -1.80 0.00	65.04 -2.08 0.00	64.56 -2.27 0.00	64.24 -2.40 0.00	63.13 -2.35 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	65.09 -2.08 0.00	69.30 -2.14 0.00	80.79 -2.50 0.00	94.34 -3.02 0.00	107.03 -3.54 0.00	115.13 -3.81 0.00	118.99 -3.81 0.00	133.40 -4.12 0.00	159.36 -5.49 12.28	191.23 -6.19 9.20	180.09 -5.68 3.84	139.11 -3.85 0.00	108.41 -2.67 0.00	81.43 -1.66 0.00	79.75 -2.13 0.00	65.30 -2.09 0.00
SITHE_IND_GS3 24171	67.25 -1.80 0.00	65.04 -2.08 0.00	64.56 -2.27 0.00	64.24 -2.40 0.00	63.13 -2.35 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	65.09 -2.08 0.00	69.30 -2.14 0.00	80.79 -2.50 0.00	94.34 -3.02 0.00	107.03 -3.54 0.00	115.13 -3.81 0.00	118.99 -3.81 0.00	133.40 -4.12 0.00	159.36 -5.49 12.28	191.23 -6.19 9.20	180.09 -5.68 3.84	139.11 -3.85 0.00	108.41 -2.67 0.00	81.43 -1.66 0.00	79.75 -2.13 0.00	65.30 -2.09 0.00
SITHE_IND_GS4 24172	67.25 -1.80 0.00	65.04 -2.08 0.00	64.56 -2.27 0.00	64.24 -2.40 0.00	63.13 -2.35 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	65.09 -2.08 0.00	69.30 -2.14 0.00	80.79 -2.50 0.00	94.34 -3.02 0.00	107.03 -3.54 0.00	115.13 -3.81 0.00	118.99 -3.81 0.00	133.40 -4.12 0.00	159.36 -5.49 12.28	191.23 -6.19 9.20	180.09 -5.68 3.84	139.11 -3.85 0.00	108.41 -2.67 0.00	81.43 -1.66 0.00	79.75 -2.13 0.00	65.30 -2.09 0.00

SITHE___BATAVIA 24024	70.22 1.17 0.00	65.98 -1.14 0.00	64.36 -2.47 0.00	63.51 -3.13 0.00	62.86 -2.62 0.00	64.56 -2.34 0.00	63.49 -3.41 0.00	63.42 -3.48 0.00	64.49 -2.69 0.00	68.94 -2.50 0.00	79.51 -3.75 0.03	90.92 -6.43 0.01	98.53 -7.52 4.52	105.91 -8.21 4.82	111.63 -7.73 3.43	122.29 -7.43 7.81	151.00 -10.28 15.86	183.22 -10.12 13.29	168.62 -9.87 11.12	136.53 -6.43 0.00	107.97 -3.11 0.00	84.09 -1.33 -2.33	80.77 -1.72 -0.61	66.90 -2.49 -2.00
SITHE___INDEPEND 23800	67.25 -1.80 0.00	65.04 -2.08 0.00	64.56 -2.27 0.00	64.24 -2.40 0.00	63.12 -2.36 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	64.63 -2.27 0.00	65.09 -2.08 0.00	69.30 -2.14 0.00	80.79 -2.50 0.00	94.34 -3.02 0.00	107.04 -3.54 0.00	115.13 -3.81 0.00	118.99 -3.81 0.00	133.40 -4.13 0.00	159.36 -5.49 12.28	191.23 -6.20 9.20	180.09 -5.69 3.84	139.10 -3.86 0.00	108.41 -2.67 0.00	81.43 -1.66 0.00	79.67 -2.21 0.00	65.30 -2.09 0.00
SITHE___MASSENA 23902	68.98 -0.07 0.00	67.19 0.07 0.00	67.24 0.40 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.17 0.27 0.00	67.17 0.27 0.00	66.97 0.07 0.00	66.78 -0.40 0.00	70.66 -0.78 0.00	82.38 -0.91 0.00	95.41 -1.95 0.00	108.25 -2.33 0.00	116.32 -2.62 0.00	119.85 -2.95 0.00	134.22 -3.30 0.00	172.88 -4.25 0.00	201.88 -4.74 0.00	185.44 -4.17 0.00	139.82 -3.15 0.00	107.75 -3.33 0.00	80.76 -2.33 0.00	80.41 -1.47 0.00	66.84 -0.54 0.00
SITHE___OGDNSBRG 24021	70.29 1.24 0.00	68.46 1.34 0.00	68.37 1.54 0.00	68.30 1.67 0.00	67.31 1.83 0.00	68.37 1.47 0.00	68.37 1.47 0.00	67.84 0.94 0.00	67.18 0.00 0.00	70.94 -0.50 0.00	82.46 -0.83 0.00	95.32 -2.04 0.00	107.81 -2.76 0.00	115.85 -3.09 0.00	119.60 -3.19 0.00	134.22 -3.30 0.00	173.42 -3.72 0.00	202.70 -3.93 0.00	187.34 -2.28 0.00	141.82 -1.14 0.00	109.41 -1.67 0.00	81.84 -1.25 0.00	81.55 -0.33 0.00	67.86 0.47 0.00
SITHE___STERLING 23777	71.88 2.83 0.00	69.60 2.48 0.00	68.91 2.07 0.00	68.57 1.93 0.00	67.31 1.83 0.00	68.98 2.08 0.00	69.18 2.28 0.00	69.11 2.20 0.00	69.53 2.35 0.00	73.94 2.50 0.00	86.12 2.83 0.00	99.69 2.33 0.00	113.22 2.65 0.00	121.91 2.97 0.00	126.23 3.43 0.00	141.64 4.12 0.00	183.32 5.50 -0.69	213.94 6.81 -0.51	197.03 7.20 -0.21	148.69 5.72 0.00	115.75 4.66 0.00	87.41 4.32 0.00	85.32 3.44 0.00	69.68 2.29 0.00
SLEIGHT__34_KV_TB1 80719	69.25 0.21 0.00	66.11 -1.01 0.00	65.23 -1.60 0.00	64.64 -2.00 0.00	63.58 -1.90 0.00	65.30 -1.61 0.00	65.10 -1.81 0.00	65.30 -1.61 0.00	66.10 -1.07 0.00	70.58 -0.86 0.00	82.12 -1.17 0.00	95.71 -1.66 0.00	107.91 -2.65 0.01	115.95 -2.97 0.01	120.21 -2.58 0.01	135.58 -1.93 0.02	174.71 -2.83 -0.41	204.73 -2.27 -0.38	187.31 -2.46 -0.16	142.25 -0.71 0.00	111.41 0.33 0.00	84.00 0.91 0.00	81.31 -0.57 0.00	66.24 -1.15 0.00
SMITHTWN_69_KV_BK 1 55830	128.76 6.63 -53.09	98.96 6.64 -25.20	73.05 6.22 0.00	72.17 5.53 0.00	70.72 5.24 0.00	72.72 5.82 0.00	73.12 6.22 0.00	93.67 6.76 -20.01	105.65 7.25 -31.21	147.65 7.93 -68.29	131.94 9.08 -39.58	135.17 11.39 -26.42	148.90 13.16 -25.16	181.76 14.03 -48.79	263.39 14.49 -126.10	348.96 16.09 -195.35	280.54 21.08 -82.32	328.16 24.59 -96.95	400.42 22.00 -188.81	311.74 15.73 -153.05	334.74 13.11 -210.55	190.60 9.39 -98.12	135.70 9.66 -44.16	127.02 7.14 -52.49
SOUTH CAIRO___GT 23612	82.54 2.55 -10.94	73.63 3.56 -2.95	69.91 3.07 0.00	69.37 2.73 0.00	68.03 2.55 0.00	69.78 2.88 0.00	69.71 2.81 0.00	63.31 3.41 7.00	38.40 3.49 32.27	44.91 3.57 30.10	83.68 3.83 3.44	91.73 4.09 9.72	105.90 4.98 9.65	105.02 5.71 19.63	71.62 6.26 57.44	21.21 7.43 123.74	62.19 10.63 125.58	162.86 13.84 57.61	164.65 13.27 38.23	134.93 9.44 17.47	133.32 7.78 -14.46	112.30 5.82 -23.40	117.81 3.85 -32.08	94.23 3.10 -23.75
SOUTH HAMPTN___IC 23720	129.45 7.32 -53.09	99.50 7.19 -25.20	73.46 6.62 -0.01	72.57 5.93 -0.01	71.05 5.56 -0.01	73.13 6.22 -0.01	73.40 6.49 -0.01	94.14 7.23 -20.01	106.25 7.86 -31.21	148.44 8.71 -68.29	132.94 10.07 -39.58	136.62 12.95 -26.31	146.62 14.82 -21.23	174.23 16.17 -39.11	213.49 16.70 -74.00	259.82 17.75 -104.55	283.40 23.56 -82.71	322.41 27.88 -87.91	352.85 25.42 -137.82	263.75 18.45 -102.34	270.38 14.34 -144.97	177.84 11.05 -83.70	135.88 10.57 -43.43	127.76 7.88 -52.49
SOUTHDOW_115KV_TB1 355954	69.88 0.83 0.00	65.24 -1.88 0.00	63.90 -2.94 0.00	63.24 -3.40 0.00	62.21 -3.27 0.00	64.03 -2.88 0.00	64.09 -2.81 0.00	64.63 -2.27 0.00	65.63 -1.55 0.00	70.23 -1.21 0.00	82.27 -1.00 0.03	94.53 -2.82 0.01	107.71 0.44 3.31	115.79 0.36 3.51	121.27 0.98 2.51	132.06 1.65 7.12	163.21 0.18 14.10	189.59 -1.86 15.18	173.74 -2.84 13.03	138.67 -4.29 0.00	110.53 -0.56 0.00	87.39 1.25 -3.05	80.96 -1.72 -0.80	67.78 -2.22 -2.62
SOUTHOLD_69_KV_BK 2 55809	130.56 8.42 -53.09	100.44 8.12 -25.20	74.26 7.42 0.00	73.30 6.66 0.00	71.70 6.22 0.00	73.86 6.96 0.00	73.93 7.02 0.00	94.94 8.03 -20.01	107.46 9.07 -31.21	149.94 10.22 -68.29	135.11 12.24 -39.58	138.96 15.29 -26.31	149.28 17.47 -21.23	177.13 19.03 -39.16	216.80 19.89 -74.11	259.97 17.74 -104.71	283.41 23.56 -82.71	322.65 28.10 -87.93	352.94 25.41 -137.92	263.69 18.30 -102.43	270.00 13.89 -145.03	179.21 12.38 -83.74	136.94 11.63 -43.43	128.78 8.89 -52.49
SOUTHOLD___IC 23719	130.56 8.42 -53.09	100.43 8.12 -25.20	74.26 7.42 -0.01	73.31 6.66 -0.01	71.71 6.22 -0.01	73.87 6.96 -0.01	73.93 7.02 -0.01	94.94 8.02 -20.01	107.46 9.07 -31.21	149.94 10.22 -68.29	134.94 12.07 -39.58	138.96 15.29 -26.31	149.27 17.46 -21.23	177.13 19.03 -39.16	216.55 19.64 -74.11	260.10 17.87 -104.71	283.59 23.74 -82.71	323.08 28.52 -87.93	353.31 25.78 -137.92	263.84 18.45 -102.43	269.99 13.88 -145.03	179.29 12.46 -83.74	136.94 11.62 -43.43	128.77 8.89 -52.49
SOUTH_FORK_WT_PWR 323839	130.21 8.07 -53.09	100.10 7.78 -25.20	73.86 7.02 -0.01	72.98 6.33 -0.01	71.31 5.83 -0.01	73.47 6.56 -0.01	73.40 6.49 -0.01	94.47 7.56 -20.01	107.19 8.80 -31.21	149.73 10.00 -68.29	134.69 11.82 -39.58	138.66 14.99 -26.31	148.83 17.02 -21.23	176.39 18.31 -39.14	215.75 18.90 -74.05	260.16 18.01 -104.63	283.75 23.90 -82.71	323.25 28.71 -87.92	353.46 25.98 -137.87	263.92 18.58 -102.38	269.85 13.77 -145.00	178.44 11.63 -83.72	136.12 10.81 -43.43	128.37 8.49 -52.49
SPIERFLS_115KV_TB 1 80737	149.96 4.90 -76.01	107.92 4.70 -36.10	71.11 4.28 0.00	70.57 3.93 0.00	69.41 3.93 0.00	71.05 4.15 0.00	71.12 4.21 0.00	74.73 4.28 -3.55	88.24 4.70 -16.36	91.77 5.07 -15.26	90.28 5.25 -1.75	108.13 5.84 -4.93	122.10 6.63 -4.89	136.03 7.14 -9.95	153.66 7.74 -23.12	197.99 9.49 -50.98	241.65 12.22 -52.29	403.54 15.50 -181.42	433.91 15.55 -228.75	437.55 11.44 -283.15	386.18 9.55 -265.55	259.06 7.15 -168.83	195.22 6.39 -106.95	131.48 4.85 -59.25
ST LAWRENCE____ 23600	68.22 -0.83 0.00	66.45 -0.67 0.00	66.50 -0.33 0.00	66.44 -0.20 0.00	65.35 -0.13 0.00	66.44 -0.47 0.00	66.50 -0.40 0.00	66.44 -0.47 0.00	66.30 -0.88 0.00	70.23 -1.21 0.00	81.87 -1.42 0.00	95.22 -2.14 0.00	108.04 -2.54 0.00	116.08 -2.86 0.00	119.60 -3.19 0.00	133.95 -3.58 0.00	172.53 -4.61 0.00	201.25 -5.37 0.00	184.68 -4.93 0.00	139.24 -3.72 0.00	107.42 -3.66 0.00	80.26 -2.83 0.00	79.84 -2.04 0.00	66.24 -1.15 0.00

STATE_CA_115KV_115_LB 55624	120.79 2.21 -49.54	92.83 2.35 -23.36	68.98 2.14 0.00	68.64 2.00 0.00	67.38 1.90 0.00	69.04 2.14 0.00	68.98 2.07 0.00	70.88 2.21 -1.77	77.83 2.49 -8.17	81.78 2.71 -7.62	87.41 3.25 -0.87	103.81 3.99 -2.46	117.44 4.42 -2.44	128.90 5.00 -4.97	135.54 4.79 -7.95	161.07 5.36 -18.19	203.18 7.09 -18.96	325.50 7.85 -111.02	336.54 7.02 -139.91	322.96 4.72 -175.28	282.93 4.00 -167.85	197.78 2.99 -111.70	156.70 2.95 -71.87	112.76 2.49 -42.88
STATE_ST_34_KV_LOAD 55959	69.74 0.69 0.00	67.12 0.00 0.00	66.44 -0.40 0.00	66.04 -0.60 0.00	64.96 -0.52 0.00	66.64 -0.27 0.00	66.70 -0.20 0.00	66.90 0.00 0.00	67.44 0.27 0.00	71.94 0.50 0.00	83.96 0.67 0.00	97.85 0.49 0.00	111.02 0.44 0.00	119.30 0.36 0.00	123.41 0.61 0.00	138.62 1.10 0.00	180.50 1.42 -1.95	212.46 2.27 -3.56	192.69 2.46 -0.61	145.11 2.14 0.00	113.41 2.33 0.00	87.44 2.24 -2.10	83.58 1.15 -0.55	69.46 0.27 -1.81
STATION_5_MISC_HYD 23604	69.53 0.49 0.00	65.91 -1.21 0.00	64.97 -1.87 0.00	64.24 -2.40 0.00	63.19 -2.29 0.00	64.83 -2.07 0.00	64.36 -2.54 0.00	64.43 -2.47 0.00	65.37 -1.81 0.00	69.87 -1.57 0.00	81.12 -2.17 0.00	94.34 -3.02 0.00	105.92 -4.64 0.01	113.94 -4.99 0.01	118.25 -4.54 0.01	133.38 -4.12 0.02	171.17 -5.84 0.12	201.41 -5.78 -0.57	184.14 -5.88 -0.41	140.39 -2.57 0.00	110.31 -0.77 0.00	83.34 0.25 0.00	80.90 -0.98 0.00	65.70 -1.68 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	69.46 0.41 0.00	66.25 -0.87 0.00	65.37 -1.47 0.00	64.77 -1.87 0.00	63.71 -1.77 0.00	65.36 -1.54 0.00	65.16 -1.74 0.00	65.30 -1.61 0.00	66.10 -1.07 0.00	70.58 -0.86 0.00	82.04 -1.25 0.00	95.51 -1.85 0.00	107.59 -2.99 0.00	115.73 -3.21 0.00	119.85 -2.95 0.00	135.18 -2.34 0.00	174.42 -3.19 -0.47	206.30 -2.69 -2.36	186.92 -2.84 -0.15	141.82 -1.14 0.00	111.19 0.11 0.00	86.01 0.91 -2.01	81.91 -0.49 -0.52	68.03 -1.08 -1.72
STA_56_34_KV_BUS2_REV_LBMP_B 345033	69.12 0.07 0.00	65.71 -1.41 0.00	64.70 -2.14 0.00	64.04 -2.60 0.00	62.99 -2.49 0.00	64.63 -2.27 0.00	64.23 -2.68 0.00	64.29 -2.61 0.00	65.23 -1.95 0.00	69.73 -1.71 0.00	80.87 -2.42 0.00	94.34 -3.02 0.00	105.92 -4.64 0.01	113.93 -5.00 0.01	118.12 -4.67 0.01	133.52 -3.99 0.02	171.36 -5.67 0.11	201.58 -5.58 -0.54	184.31 -5.69 -0.39	140.25 -2.72 0.00	110.08 -1.00 0.00	83.25 0.17 0.00	80.41 -1.47 0.00	65.50 -1.89 0.00
STA_56___34_KV_BUS2 355983	69.12 0.07 0.00	65.71 -1.41 0.00	64.70 -2.14 0.00	64.04 -2.60 0.00	62.99 -2.49 0.00	64.63 -2.27 0.00	64.23 -2.68 0.00	64.29 -2.61 0.00	65.23 -1.95 0.00	69.73 -1.71 0.00	80.87 -2.42 0.00	94.34 -3.02 0.00	105.92 -4.64 0.01	113.93 -5.00 0.01	118.12 -4.67 0.01	133.52 -3.99 0.02	171.36 -5.67 0.11	201.58 -5.58 -0.54	184.31 -5.69 -0.39	140.25 -2.72 0.00	110.08 -1.00 0.00	83.25 0.17 0.00	80.41 -1.47 0.00	65.50 -1.89 0.00
STA_67___115KV_BK2 355882	69.25 0.21 0.00	65.78 -1.34 0.00	64.76 -2.07 0.00	64.10 -2.53 0.00	63.06 -2.42 0.00	64.70 -2.21 0.00	64.23 -2.68 0.00	64.23 -2.68 0.00	65.16 -2.02 0.00	69.65 -1.79 0.00	80.62 -2.67 0.00	94.05 -3.31 0.00	105.48 -5.09 0.01	113.45 -5.47 0.01	117.75 -5.03 0.01	132.97 -4.54 0.02	170.63 -6.38 0.13	200.76 -6.41 -0.55	183.75 -6.26 -0.39	139.82 -3.15 0.00	109.97 -1.11 0.00	83.17 0.08 0.00	80.33 -1.56 0.00	65.50 -1.89 0.00
STA_7___115KV_9TRANS 80674	70.01 0.97 0.00	66.38 -0.74 0.00	65.37 -1.47 0.00	64.64 -2.00 0.00	63.58 -1.90 0.00	65.23 -1.67 0.00	64.76 -2.14 0.00	64.83 -2.07 0.00	65.83 -1.34 0.00	70.37 -1.07 0.00	81.54 -1.75 0.00	95.02 -2.34 0.00	106.69 -3.87 0.01	114.76 -4.16 0.01	118.98 -3.81 0.01	134.62 -2.89 0.02	172.76 -4.25 0.12	203.47 -3.72 -0.57	186.04 -3.98 -0.41	141.53 -1.43 0.00	111.19 0.11 0.00	84.17 1.08 0.00	81.23 -0.66 0.00	66.17 -1.21 0.00
STA_82___115KV_TB1 80780	69.32 0.28 0.00	65.78 -1.34 0.00	64.76 -2.07 0.00	64.10 -2.53 0.00	63.06 -2.42 0.00	64.70 -2.21 0.00	64.23 -2.68 0.00	64.23 -2.68 0.00	65.16 -2.02 0.00	69.65 -1.79 0.00	80.71 -2.58 0.00	94.05 -3.31 0.00	105.62 -4.98 -0.02	113.60 -5.35 -0.02	117.78 -5.03 -0.01	133.02 -4.54 -0.04	170.66 -6.38 0.09	201.09 -6.20 -0.67	183.84 -6.26 -0.48	139.96 -3.00 0.00	109.97 -1.11 0.00	83.25 0.17 0.00	80.33 -1.56 0.00	65.50 -1.89 0.00
STEEL___WIND 323596	68.29 -0.76 0.00	64.17 -2.95 0.00	62.76 -4.08 0.00	62.04 -4.60 0.00	61.16 -4.32 0.00	62.75 -4.15 0.00	62.15 -4.75 0.00	61.75 -5.15 0.00	62.74 -4.44 0.00	67.37 -4.07 0.00	77.49 -5.75 0.06	90.14 -7.20 0.01	95.69 -6.86 8.03	103.03 -7.37 8.54	109.83 -6.87 6.09	116.88 -6.87 13.77	139.51 -10.09 27.53	164.85 -10.12 31.65	154.76 -10.24 24.61	133.96 -9.00 0.00	106.42 -4.66 0.00	83.90 -1.99 -2.80	78.68 -3.93 -0.73	65.61 -4.18 -2.41
STEPHTWN_115KV_BK_2 55603	80.53 2.42 -9.07	69.95 2.55 -0.28	69.18 2.34 0.00	68.77 2.13 0.00	67.51 2.03 0.00	69.18 2.27 0.00	69.18 2.27 0.00	56.34 2.48 13.04	9.74 2.69 60.12	18.28 2.93 56.09	80.37 3.50 6.41	83.43 4.19 18.12	97.35 4.75 17.98	87.60 5.23 36.57	20.71 5.16 107.25	-87.86 5.91 231.30	-49.94 7.79 234.87	77.37 9.09 138.34	95.02 7.96 102.56	75.88 5.43 72.52	103.43 4.55 12.21	96.63 3.32 -10.22	125.80 3.19 -40.72	97.93 2.70 -27.85
STEBEN_REC_LFGE 323667	71.62 0.69 -1.88	66.71 -1.28 -0.87	64.70 -2.14 0.00	64.10 -2.53 0.00	63.12 -2.36 0.00	64.90 -2.01 0.00	64.83 -2.07 0.00	64.63 -2.27 0.00	65.09 -2.08 0.00	69.37 -2.07 0.00	80.75 -2.67 -0.13	92.42 -4.97 -0.03	125.96 -4.75 -20.14	134.82 -5.59 -21.47	132.79 -5.28 -15.27	166.77 -5.50 -34.75	242.07 -7.26 -72.19	290.79 -6.82 -90.98	249.36 -6.07 -65.81	144.82 -4.72 -6.58	116.00 -1.56 -6.47	89.65 0.42 -6.14	83.57 -1.64 -3.33	68.62 -2.02 -3.26
STILLWATER___SOLAR 323814	148.11 4.49 -74.57	107.11 4.36 -35.63	70.91 4.08 0.00	70.50 3.86 0.00	69.28 3.80 0.00	70.92 4.01 0.00	70.92 4.01 0.00	75.10 4.01 -4.19	90.78 4.30 -19.30	93.95 4.50 -18.01	90.43 5.08 -2.06	109.12 5.94 -5.82	123.20 6.86 -5.77	138.18 7.50 -11.74	158.25 7.74 -27.71	207.67 9.22 -60.93	251.44 11.87 -62.43	407.17 14.67 -185.88	433.41 13.66 -230.13	435.12 10.15 -282.00	381.41 8.44 -261.89	255.94 6.40 -166.46	191.38 5.81 -103.68	129.65 4.52 -57.75
STONY___BROOK 24151	128.76 6.63 -53.09	98.96 6.65 -25.20	73.06 6.22 -0.01	72.17 5.53 -0.01	70.73 5.24 -0.01	72.73 5.82 -0.01	73.13 6.22 -0.01	93.67 6.75 -20.01	105.58 7.19 -31.21	147.58 7.86 -68.29	131.69 8.82 -39.58	135.03 11.29 -26.38	146.45 12.82 -23.06	176.68 13.20 -44.54	236.43 13.75 -99.89	300.90 15.26 -148.12	280.14 20.01 -82.99	323.13 23.55 -92.96	373.64 21.04 -162.98	284.80 15.15 -126.69	298.63 12.44 -175.11	183.21 9.06 -91.06	135.15 9.49 -43.78	126.95 7.07 -52.49
STURGEON_POOL_HYD 23609	79.47 2.76 -7.66	73.63 3.36 -3.15	69.91 3.07 0.00	69.30 2.67 0.00	67.97 2.49 0.00	69.85 2.94 0.00	69.85 2.94 0.00	69.10 3.48 1.29	65.08 3.83 5.93	70.20 4.29 5.53	87.99 5.33 0.63	102.39 6.82 1.79	117.21 8.40 1.77	124.85 9.52 3.61	124.04 9.95 8.71	129.80 11.14 18.86	172.83 14.88 19.19	235.52 17.36 -11.54	216.13 15.55 -10.97	173.71 10.87 -19.88	144.32 8.89 -24.35	115.41 6.48 -25.84	103.45 5.24 -16.33	86.85 3.77 -15.69

ST_LAW_115_BK7_LBMP 345037	68.15 -0.90 0.00	66.45 -0.67 0.00	66.50 -0.33 0.00	66.50 -0.13 0.00	65.35 -0.13 0.00	66.44 -0.47 0.00	66.50 -0.40 0.00	66.37 -0.54 0.00	66.24 -0.94 0.00	70.16 -1.28 0.00	81.79 -1.50 0.00	95.02 -2.34 0.00	107.81 -2.76 0.00	115.85 -3.09 0.00	119.36 -3.44 0.00	133.67 -3.85 0.00	172.18 -4.96 0.00	200.84 -5.78 0.00	184.31 -5.31 0.00	138.96 -4.00 0.00	107.19 -3.89 0.00	80.10 -2.99 0.00	79.75 -2.13 0.00	66.24 -1.15 0.00
ST_LAW_115_BK8_LBMP 345038	68.15 -0.90 0.00	66.45 -0.67 0.00	66.50 -0.33 0.00	66.50 -0.13 0.00	65.35 -0.13 0.00	66.44 -0.47 0.00	66.50 -0.40 0.00	66.37 -0.54 0.00	66.24 -0.94 0.00	70.16 -1.28 0.00	81.79 -1.50 0.00	95.02 -2.34 0.00	107.81 -2.76 0.00	115.85 -3.09 0.00	119.36 -3.44 0.00	133.67 -3.85 0.00	172.18 -4.96 0.00	200.84 -5.78 0.00	184.31 -5.31 0.00	138.96 -4.00 0.00	107.19 -3.89 0.00	80.10 -2.99 0.00	79.75 -2.13 0.00	66.24 -1.15 0.00
ST_LAW_230_BK5_LBMP 345035	68.22 -0.83 0.00	66.45 -0.67 0.00	66.50 -0.33 0.00	66.44 -0.20 0.00	65.35 -0.13 0.00	66.44 -0.47 0.00	66.50 -0.40 0.00	66.44 -0.47 0.00	66.30 -0.88 0.00	70.23 -1.21 0.00	81.87 -1.42 0.00	95.22 -2.14 0.00	108.04 -2.54 0.00	116.08 -2.86 0.00	119.60 -3.19 0.00	133.95 -3.58 0.00	172.53 -4.61 0.00	201.25 -5.37 0.00	184.68 -4.93 0.00	139.24 -3.72 0.00	107.42 -3.66 0.00	80.26 -2.83 0.00	79.84 -2.04 0.00	66.24 -1.15 0.00
ST_LAW_230_BK6_LBMP 345036	68.22 -0.83 0.00	66.45 -0.67 0.00	66.50 -0.33 0.00	66.44 -0.20 0.00	65.35 -0.13 0.00	66.44 -0.47 0.00	66.50 -0.40 0.00	66.44 -0.47 0.00	66.30 -0.88 0.00	70.23 -1.21 0.00	81.87 -1.42 0.00	95.22 -2.14 0.00	108.04 -2.54 0.00	116.08 -2.86 0.00	119.60 -3.19 0.00	133.95 -3.58 0.00	172.53 -4.61 0.00	201.25 -5.37 0.00	184.68 -4.93 0.00	139.24 -3.72 0.00	107.42 -3.66 0.00	80.26 -2.83 0.00	79.84 -2.04 0.00	66.24 -1.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	77.89 2.69 -6.15	72.77 2.82 -2.83	69.38 2.54 0.00	68.77 2.13 0.00	67.51 2.03 0.00	69.38 2.48 0.00	69.45 2.54 0.00	69.78 2.88 0.00	70.40 3.22 0.00	75.15 3.71 0.00	87.87 4.58 0.00	103.40 6.04 0.00	117.98 7.41 0.00	127.27 8.33 0.00	136.47 8.72 -4.96	149.73 9.90 -2.31	188.58 13.11 1.66	236.12 15.08 -14.42	200.34 13.27 2.54	182.29 9.44 -29.89	146.27 7.66 -27.52	114.73 5.48 -26.16	98.34 4.91 -11.55	83.57 3.37 -12.81
SWANROAD_115KV_TB1 355699	67.18 -1.86 0.00	62.29 -4.83 0.00	61.76 -5.08 0.00	61.04 -5.60 0.00	60.18 -5.30 0.00	60.95 -5.95 0.00	60.28 -6.62 0.00	59.61 -7.29 0.00	60.66 -6.52 0.00	65.08 -6.36 0.00	75.17 -8.08 0.04	87.13 -10.22 0.01	92.53 -11.50 6.54	99.59 -12.37 6.98	105.92 -11.91 4.97	113.72 -12.51 11.29	135.82 -17.89 23.43	163.03 -19.01 24.59	151.68 -18.58 19.35	129.38 -13.58 0.00	102.64 -8.44 0.00	80.89 -4.74 -2.54	75.58 -6.96 -0.66	63.50 -6.06 -2.18
SYNERGY___BIOGAS 323694	70.22 1.17 0.00	65.64 -1.48 0.00	64.70 -2.14 0.00	63.77 -2.87 0.00	62.86 -2.62 0.00	64.23 -2.68 0.00	63.56 -3.35 0.00	63.42 -3.48 0.00	64.49 -2.69 0.00	68.94 -2.50 0.00	79.68 -3.58 0.03	90.93 -6.43 0.01	98.53 -7.52 4.52	106.03 -8.09 4.82	111.75 -7.61 3.43	122.43 -7.29 7.81	151.01 -10.27 15.86	183.21 -10.12 13.29	168.82 -9.67 11.12	136.53 -6.43 0.00	107.97 -3.11 0.00	85.67 0.25 -2.33	80.36 -2.13 -0.61	66.89 -2.49 -2.00
SYRACUSE___ENERGY_ST1 323597	68.84 -0.21 0.00	66.45 -0.67 0.00	65.83 -1.00 0.00	65.50 -1.13 0.00	64.30 -1.18 0.00	65.90 -1.00 0.00	65.97 -0.94 0.00	66.30 -0.60 0.00	66.84 -0.34 0.00	71.23 -0.21 0.00	83.12 -0.17 0.00	97.07 -0.29 0.00	110.13 -0.44 0.00	118.46 -0.48 0.00	122.43 -0.37 0.00	137.52 0.00 -2.31	178.92 -0.53 -1.73	207.94 -0.41 -0.72	189.96 -0.38 0.00	142.96 0.00 0.00	111.52 0.44 0.00	83.75 0.66 0.00	81.80 -0.08 0.00	66.78 -0.61 0.00
SYRACUSE___ENERGY_ST2 323598	68.84 -0.21 0.00	66.45 -0.67 0.00	65.83 -1.00 0.00	65.50 -1.13 0.00	64.30 -1.18 0.00	65.90 -1.00 0.00	65.97 -0.94 0.00	66.30 -0.60 0.00	66.84 -0.34 0.00	71.23 -0.21 0.00	83.12 -0.17 0.00	97.07 -0.29 0.00	110.13 -0.44 0.00	118.46 -0.48 0.00	122.43 -0.37 0.00	137.52 0.00 -2.31	178.92 -0.53 -1.73	207.94 -0.41 -0.72	189.96 -0.38 0.00	142.96 0.00 0.00	111.52 0.44 0.00	83.75 0.66 0.00	81.80 -0.08 0.00	66.78 -0.61 0.00
SYRACUSE___POWER 24017	69.12 0.07 0.00	66.72 -0.40 0.00	66.10 -0.74 0.00	65.77 -0.87 0.00	64.43 -1.05 0.00	66.03 -0.87 0.00	66.10 -0.80 0.00	67.24 0.33 0.00	67.78 0.60 0.00	72.23 0.79 0.00	84.37 1.08 0.00	98.33 0.97 0.00	111.90 1.33 0.00	120.37 1.43 0.00	124.52 1.72 0.00	139.72 2.20 0.00	178.48 -0.18 -1.52	207.97 0.21 -1.14	190.28 0.19 -0.48	143.39 0.43 0.00	111.86 0.78 0.00	84.00 0.91 0.00	81.96 0.08 0.00	66.91 -0.47 0.00
TALLMAN__138KV_BK151 55660	78.35 2.97 -6.33	73.19 3.15 -2.92	69.71 2.87 0.00	69.04 2.40 0.00	67.71 2.23 0.00	69.58 2.68 0.00	69.71 2.81 0.00	70.18 3.28 0.00	70.87 3.69 0.00	75.58 4.14 0.00	88.45 5.16 0.00	104.27 6.91 0.00	119.09 8.51 0.00	128.45 9.52 0.00	138.23 10.07 -5.36	147.25 11.28 1.55	184.35 15.06 7.85	230.33 17.15 -6.56	187.39 14.98 17.20	184.47 10.72 -30.79	148.42 8.66 -28.67	116.33 6.15 -27.10	99.25 5.49 -11.88	84.27 3.71 -13.17
TEALLAVE_115KV_TB7 355573	68.77 -0.28 0.00	66.38 -0.74 0.00	65.77 -1.07 0.00	65.44 -1.20 0.00	64.24 -1.24 0.00	65.83 -1.07 0.00	65.90 -1.00 0.00	65.90 -1.00 0.00	66.50 -0.67 0.00	70.94 -0.50 0.00	82.71 -0.58 0.00	96.58 -0.78 0.00	109.58 -1.00 0.00	117.87 -1.07 0.00	121.94 -0.86 0.00	136.83 -0.69 0.00	177.53 -0.89 -1.28	206.75 -0.83 -0.95	189.25 -0.76 -0.40	142.68 -0.29 0.00	111.30 0.22 0.00	83.67 0.58 0.00	81.64 -0.25 0.00	66.71 -0.67 0.00
TELGRAPH_34_KV_EAST 80808	68.63 -0.41 0.00	64.03 -3.09 0.00	63.23 -3.61 0.00	62.37 -4.26 0.00	61.49 -3.99 0.00	62.69 -4.21 0.00	62.02 -4.88 0.00	61.62 -5.29 0.00	62.74 -4.43 0.00	67.15 -4.29 0.00	77.59 -5.66 0.04	89.66 -7.69 0.01	96.30 -8.85 5.43	103.64 -9.52 5.78	109.59 -9.09 4.12	119.08 -9.08 9.36	145.21 -12.93 19.00	177.10 -13.22 16.30	163.39 -12.89 13.33	133.81 -9.15 0.00	105.97 -5.11 0.00	83.43 -2.08 -2.41	78.09 -4.42 -0.63	65.28 -4.18 -2.07
TEMPLE___115KV_TB 2 55572	68.77 -0.28 0.00	66.38 -0.74 0.00	65.83 -1.00 0.00	65.44 -1.20 0.00	64.30 -1.18 0.00	65.90 -1.00 0.00	65.90 -1.00 0.00	65.97 -0.94 0.00	66.57 -0.60 0.00	70.94 -0.50 0.00	82.79 -0.50 0.00	96.68 -0.68 0.00	109.69 -0.88 0.00	117.99 -0.95 0.00	122.06 -0.74 0.00	136.97 -0.55 0.00	177.70 -0.71 -1.27	206.95 -0.62 -0.95	189.44 -0.57 -0.40	142.82 -0.14 0.00	111.41 0.33 0.00	83.75 0.66 0.00	81.72 -0.16 0.00	66.78 -0.61 0.00
TIANA____69_KV_BK 1 55817	129.25 7.11 -53.09	99.30 6.98 -25.20	73.32 6.48 0.00	72.43 5.80 0.00	70.92 5.43 0.00	72.99 6.09 0.00	73.33 6.42 0.00	94.00 7.09 -20.01	105.98 7.59 -31.21	148.08 8.36 -68.29	132.69 9.83 -39.58	136.13 12.46 -26.31	145.96 14.15 -21.23	173.67 15.58 -39.15	213.10 16.21 -74.09	259.39 17.19 -104.68	282.52 22.67 -82.71	321.41 26.86 -87.93	351.78 24.27 -137.90	263.10 17.73 -102.41	270.21 14.11 -145.02	177.54 10.72 -83.74	135.63 10.32 -43.43	127.49 7.61 -52.49

TILDEN___115KV_TB1 80814	69.12 0.07 0.00	66.72 -0.40 0.00	66.10 -0.74 0.00	65.77 -0.87 0.00	64.43 -1.05 0.00	66.03 -0.87 0.00	66.10 -0.80 0.00	67.24 0.33 0.00	67.78 0.60 0.00	72.23 0.79 0.00	84.37 1.08 0.00	98.33 0.97 0.00	111.90 1.33 0.00	120.37 1.43 0.00	124.52 1.72 0.00	139.72 2.20 0.00	178.48 -0.18 -1.52	207.97 0.21 -1.14	190.28 0.19 -0.48	143.39 0.43 0.00	111.86 0.78 0.00	84.00 0.91 0.00	81.96 0.08 0.00	66.91 -0.47 0.00
TRIGEN___CC 323695	126.76 4.63 -53.09	97.15 4.83 -25.20	71.45 4.61 0.00	70.70 4.06 0.00	69.41 3.93 0.00	71.32 4.42 0.00	71.45 4.55 0.00	91.86 4.95 -20.01	103.76 5.37 -31.21	145.28 5.86 -67.98	129.86 7.00 -39.58	141.90 9.15 -35.39	147.24 10.84 -25.83	188.62 12.01 -57.67	249.68 12.53 -114.36	268.64 14.16 -116.95	323.34 18.60 -127.61	378.96 21.49 -150.84	398.23 19.15 -189.46	277.72 13.72 -121.03	158.31 11.11 -36.12	161.21 7.89 -70.23	130.33 7.45 -41.00	125.14 5.26 -52.49
TRINITY___115KV___4 BK 55933	104.03 1.80 -33.19	83.76 2.01 -14.63	68.64 1.80 0.00	68.30 1.67 0.00	67.12 1.64 0.00	68.78 1.87 0.00	68.71 1.81 0.00	66.53 1.87 2.25	58.89 2.08 10.36	64.06 2.29 9.67	84.93 2.75 1.11	97.64 3.41 3.12	111.35 3.87 3.10	116.92 4.28 6.30	103.49 4.05 23.36	92.31 4.40 49.61	132.97 5.85 50.01	246.91 6.41 -33.88	255.11 5.69 -59.80	235.98 3.86 -89.16	214.87 3.33 -100.45	158.79 2.49 -73.21	139.98 2.46 -55.64	104.74 2.16 -35.20
UNION___PROCESSING_DRP 323587	69.32 0.28 0.00	65.78 -1.34 0.00	64.83 -2.01 0.00	64.10 -2.53 0.00	63.06 -2.42 0.00	64.70 -2.21 0.00	64.23 -2.68 0.00	64.23 -2.68 0.00	65.16 -2.02 0.00	69.65 -1.79 0.00	80.71 -2.58 0.00	94.15 -3.21 0.00	105.62 -4.98 -0.02	113.61 -5.35 -0.02	117.78 -5.03 -0.02	133.03 -4.54 -0.04	170.68 -6.38 0.08	201.15 -6.20 -0.72	183.88 -6.26 -0.52	139.96 -3.00 0.00	109.97 -1.11 0.00	83.25 0.17 0.00	80.33 -1.56 0.00	65.57 -1.82 0.00
UPPER HUDSON___HYD 24058	149.96 4.90 -76.01	107.91 4.70 -36.10	71.12 4.28 0.00	70.57 3.93 0.00	69.41 3.93 0.00	71.05 4.15 0.00	71.12 4.22 0.00	74.74 4.29 -3.55	88.24 4.70 -16.36	91.77 5.07 -15.26	90.20 5.17 -1.75	108.03 5.74 -4.93	122.10 6.63 -4.89	136.03 7.14 -9.95	153.66 7.74 -23.12	197.98 9.48 -50.98	241.64 12.21 -52.29	403.55 15.50 -181.42	433.91 15.55 -228.75	437.55 11.44 -283.15	386.18 9.55 -265.55	259.14 7.23 -168.83	195.30 6.47 -106.95	131.49 4.85 -59.25
UPPER RAQUET___HYD 24056	68.98 -0.07 0.00	67.25 0.13 0.00	67.24 0.40 0.00	67.17 0.53 0.00	66.13 0.65 0.00	67.24 0.34 0.00	67.10 0.20 0.00	66.57 -0.33 0.00	65.97 -1.21 0.00	69.72 -1.72 0.00	81.21 -2.08 0.00	93.86 -3.50 0.00	105.82 -4.75 0.00	113.71 -5.23 0.00	117.15 -5.65 0.00	131.34 -6.19 0.00	169.70 -7.79 -0.36	198.22 -8.67 -0.27	182.33 -7.40 -0.11	137.68 -5.29 0.00	106.08 -5.00 0.00	79.52 -3.57 0.00	79.34 -2.54 0.00	66.44 -0.94 0.00
VALLEY44_115KV_TB2 355964	67.67 -1.38 0.00	63.63 -3.49 0.00	62.43 -4.41 0.00	61.77 -4.86 0.00	60.83 -4.65 0.00	62.49 -4.42 0.00	62.29 -4.62 0.00	62.15 -4.75 0.00	63.01 -4.16 0.00	67.58 -3.86 0.00	80.02 -3.25 0.02	90.54 -6.82 0.01	105.65 -2.21 2.71	113.44 -2.62 2.88	119.02 -1.72 2.06	130.92 -1.65 4.95	163.17 -4.07 9.89	193.42 -3.51 9.69	175.88 -4.55 9.18	134.53 -8.43 0.00	106.97 -4.11 0.00	84.50 -1.74 -3.16	78.53 -4.18 -0.82	65.78 -4.31 -2.71
VALLEY___115KV_TB 1-4 80826	70.08 1.04 0.00	68.06 0.94 0.00	67.64 0.80 0.00	67.37 0.73 0.00	66.27 0.79 0.00	67.77 0.87 0.00	67.84 0.94 0.00	67.84 0.94 0.00	68.25 1.07 0.00	72.65 1.21 0.00	84.71 1.42 0.00	99.02 1.66 0.00	112.34 1.77 0.00	120.96 2.02 0.00	124.88 2.09 0.00	140.00 2.48 0.00	179.79 2.66 0.00	209.72 3.10 0.00	192.65 3.03 0.00	144.96 2.00 0.00	112.64 1.56 0.00	84.09 1.00 0.00	82.62 0.74 0.00	67.79 0.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	81.88 3.38 -9.45	74.70 3.22 -4.36	69.71 2.87 0.00	69.44 2.80 0.00	68.30 2.82 0.00	70.11 3.21 0.00	70.18 3.28 0.00	70.05 3.14 0.00	70.60 3.43 0.00	75.30 3.86 0.00	87.87 4.58 0.00	102.91 5.55 0.00	117.22 6.63 -0.01	126.21 7.26 -0.01	130.54 7.74 -0.01	146.07 8.53 -0.02	188.67 10.98 -0.56	242.45 12.81 -23.02	227.17 12.32 -25.23	185.03 9.01 -33.06	151.14 7.55 -32.51	114.09 5.65 -25.35	101.93 4.75 -15.30	82.38 3.37 -11.63
VISCHER___FERRY HYD 24020	141.75 3.31 -69.38	104.33 3.35 -33.86	69.98 3.14 0.00	69.64 3.00 0.00	68.36 2.88 0.00	70.05 3.15 0.00	70.05 3.15 0.00	76.39 3.21 -6.27	99.52 3.42 -28.92	102.13 3.71 -26.98	90.62 4.25 -3.09	111.33 5.25 -8.71	125.30 6.08 -8.65	143.19 6.66 -17.59	172.28 6.75 -42.74	238.63 7.56 -93.55	282.70 9.91 -95.65	417.82 11.56 -199.63	433.59 10.61 -233.36	427.13 7.57 -276.59	365.68 6.33 -248.27	245.64 4.82 -157.73	178.67 4.50 -92.29	123.48 3.57 -52.52
V_A_10_SYNC_DSASP 323832	67.74 -1.31 0.00	63.90 -3.22 0.00	62.83 -4.01 0.00	62.11 -4.53 0.00	61.09 -4.39 0.00	62.75 -4.15 0.00	62.09 -4.82 0.00	61.62 -5.29 0.00	62.61 -4.57 0.00	67.08 -4.36 0.00	77.27 -6.00 0.03	90.25 -7.11 0.01	96.26 -9.84 4.47	103.47 -10.70 4.77	109.22 -10.19 3.39	119.21 -10.59 7.72	146.28 -14.70 16.16	173.80 -15.70 17.12	160.61 -15.17 13.84	133.81 -9.15 0.00	105.75 -5.33 0.00	82.77 -2.58 -2.25	77.88 -4.59 -0.59	65.14 -4.18 -1.94
V_CMM_10_SYNC_DSASP 323787	68.57 -0.48 0.00	66.79 -0.33 0.00	66.84 0.00 0.00	66.84 0.20 0.00	65.68 0.20 0.00	66.77 -0.13 0.00	66.84 -0.07 0.00	66.77 -0.13 0.00	66.57 -0.61 0.00	70.51 -0.93 0.00	82.21 -1.09 0.00	95.41 -1.95 0.00	108.36 -2.21 0.00	116.32 -2.62 0.00	119.85 -2.95 0.00	134.22 -3.30 0.00	172.88 -4.25 0.00	201.66 -4.96 0.00	185.06 -4.55 0.00	139.53 -3.43 0.00	107.64 -3.44 0.00	80.51 -2.58 0.00	80.16 -1.72 0.00	66.58 -0.81 0.00
V_CMP_10_SYNC_DSASP 323788	69.46 0.42 0.00	67.65 0.53 0.00	67.64 0.80 0.00	67.57 0.93 0.00	66.46 0.98 0.00	67.71 0.81 0.00	67.91 1.01 0.00	67.91 1.01 0.00	67.78 0.60 0.00	71.01 -0.43 0.00	82.38 -0.91 0.00	95.31 -2.05 0.00	108.25 -2.33 0.00	116.08 -2.86 0.00	119.23 -3.57 0.00	133.26 -4.26 0.00	171.46 -5.68 0.00	200.00 -6.62 0.00	183.36 -6.25 0.00	137.82 -5.14 0.00	106.08 -5.00 0.00	79.93 -3.16 0.00	80.00 -1.88 0.00	66.38 -1.01 0.00
V_D_10_SYNC_DSASP 323841	68.98 -0.07 0.00	67.19 0.07 0.00	67.24 0.40 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.17 0.27 0.00	67.17 0.27 0.00	66.97 0.07 0.00	66.78 -0.40 0.00	70.66 -0.78 0.00	82.38 -0.91 0.00	95.51 -1.85 0.00	108.25 -2.33 0.00	116.32 -2.62 0.00	119.85 -2.95 0.00	134.22 -3.30 0.00	172.88 -4.25 0.00	201.88 -4.74 0.00	185.44 -4.17 0.00	139.82 -3.15 0.00	107.75 -3.33 0.00	80.76 -2.33 0.00	80.41 -1.47 0.00	66.84 -0.54 0.00
V_E_10_SYNC_DSASP 323830	79.76 6.28 -4.43	74.40 5.24 -2.04	71.12 4.28 0.00	70.77 4.13 0.00	69.94 4.45 0.00	71.85 4.95 0.00	72.39 5.49 0.00	72.32 5.42 0.00	72.82 5.64 0.00	77.44 6.00 0.00	89.63 6.33 -0.01	104.76 7.40 0.00	120.88 8.85 -1.45	130.25 9.76 -1.55	134.46 10.56 -1.10	152.78 12.79 -2.47	199.57 16.29 -6.15	245.69 20.86 -18.21	227.37 21.42 -16.34	174.89 16.43 -15.50	139.53 13.21 -15.24	105.72 9.88 -12.75	97.22 7.94 -7.40	78.97 5.39 -6.19

V_F_30_NSYNC___DSASP 323816	148.89 4.63 -75.22	107.46 4.50 -35.84	70.98 4.15 0.00	70.57 3.93 0.00	69.34 3.86 0.00	70.98 4.08 0.00	70.98 4.08 0.00	74.89 4.08 -3.90	89.52 4.36 -17.98	92.86 4.64 -16.78	90.37 5.17 -1.92	108.82 6.04 -5.42	123.03 7.08 -5.38	137.50 7.62 -10.94	156.55 8.10 -25.65	203.48 9.48 -56.47	247.24 12.21 -57.89	405.58 15.08 -183.88	433.16 14.03 -229.51	435.91 10.43 -282.52	383.16 8.55 -263.53	257.09 6.49 -167.52	193.00 5.97 -105.15	130.45 4.65 -58.42
V_F_30_SYNC_DSASP 323786	119.45 2.21 -48.19	92.11 2.35 -22.64	68.98 2.14 0.00	68.64 2.00 0.00	67.38 1.90 0.00	69.04 2.14 0.00	68.98 2.07 0.00	70.55 2.21 -1.44	76.29 2.49 -6.63	80.34 2.71 -6.18	87.25 3.25 -0.71	103.25 3.89 -2.00	116.98 4.42 -1.98	127.97 5.00 -4.03	132.93 4.79 -5.35	155.43 5.36 -12.54	197.26 6.91 -13.22	319.10 7.85 -104.62	329.91 7.02 -133.28	315.83 4.72 -168.15	277.36 4.00 -162.28	194.61 2.99 -108.53	155.29 2.87 -70.54	112.13 2.49 -42.25
V_XM_10_SYNC_DSASP 323789	69.46 0.42 0.00	67.65 0.53 0.00	67.64 0.80 0.00	67.57 0.93 0.00	66.46 0.98 0.00	67.71 0.81 0.00	67.91 1.01 0.00	67.91 1.01 0.00	67.78 0.60 0.00	71.01 -0.43 0.00	82.38 -0.91 0.00	95.31 -2.05 0.00	108.25 -2.33 0.00	116.08 -2.86 0.00	119.23 -3.57 0.00	133.26 -4.26 0.00	171.46 -5.68 0.00	200.00 -6.62 0.00	183.36 -6.25 0.00	137.82 -5.14 0.00	106.08 -5.00 0.00	79.93 -3.16 0.00	80.00 -1.88 0.00	66.38 -1.01 0.00
W.BABYLN_69_KV_BK1 56697	129.11 6.97 -53.09	99.30 6.98 -25.20	73.39 6.55 0.00	72.57 5.93 0.00	71.11 5.63 0.00	73.12 6.22 0.00	73.46 6.56 0.00	94.00 7.09 -20.01	105.98 7.59 -31.21	147.47 8.22 -67.82	132.19 9.33 -39.58	136.20 11.78 -27.06	140.75 13.49 -16.68	176.64 14.87 -42.83	202.53 15.35 -64.39	230.51 17.19 -75.80	286.26 22.67 -86.45	323.81 26.65 -90.53	339.27 24.08 -125.57	247.42 17.30 -87.16	173.81 14.00 -48.74	162.27 10.30 -68.88	133.78 10.07 -41.82	127.43 7.55 -52.49
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	79.28 3.11 -7.12	73.86 3.36 -3.39	69.84 3.01 0.00	69.17 2.53 0.00	67.84 2.36 0.00	69.78 2.88 0.00	69.91 3.01 0.00	70.31 3.41 0.00	71.00 3.83 0.00	75.80 4.36 0.00	88.70 5.41 0.00	104.57 7.20 0.00	119.31 8.74 0.00	128.81 9.87 0.00	138.72 10.44 -5.49	144.33 11.69 4.88	179.78 15.59 12.95	224.54 17.98 0.06	176.47 15.74 28.88	184.94 11.15 -30.83	149.20 9.11 -29.02	116.86 6.40 -27.38	99.60 5.73 -11.98	84.57 3.91 -13.28
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	79.91 3.45 -7.41	74.48 3.83 -3.53	70.31 3.48 0.00	69.57 2.93 0.00	68.30 2.82 0.00	70.18 3.28 0.00	70.38 3.48 0.00	71.43 4.15 -0.38	73.58 4.64 -1.65	78.23 5.14 -1.65	89.89 6.41 -0.19	106.56 8.67 -0.53	121.50 10.39 -0.53	131.79 11.78 -1.08	141.01 12.28 -5.93	185.65 13.89 -34.23	240.21 18.07 -45.00	303.44 20.66 -76.15	308.23 18.20 -100.42	192.53 13.15 -36.42	151.84 10.44 -30.32	118.75 7.23 -28.44	101.26 6.55 -12.83	85.61 4.31 -13.91
W50THST__13_KV_LOAD 356117	80.32 3.87 -7.41	74.81 4.16 -3.53	70.65 3.81 0.00	69.90 3.27 0.00	68.62 3.14 0.00	70.52 3.61 0.00	70.85 3.95 0.00	71.90 4.62 -0.38	74.12 5.17 -1.65	78.88 5.79 -1.65	90.64 7.16 -0.19	107.53 9.64 -0.53	122.60 11.50 -0.53	133.10 13.08 -1.08	142.36 13.63 -5.93	187.02 15.27 -34.23	241.98 19.84 -45.00	305.29 22.52 -76.15	309.75 19.72 -100.42	193.67 14.30 -36.42	152.62 11.22 -30.32	119.42 7.89 -28.44	101.83 7.12 -12.83	86.02 4.72 -13.91
WADING RIVER_IC_1 23522	128.14 6.00 -53.09	98.36 6.04 -25.20	72.46 5.61 -0.01	71.58 4.93 -0.01	70.07 4.58 -0.01	72.13 5.22 -0.01	72.53 5.62 -0.01	93.06 6.15 -20.01	104.70 6.31 -31.21	146.65 6.93 -68.29	130.78 7.92 -39.58	133.98 10.32 -26.31	143.50 11.72 -21.21	170.65 12.85 -38.86	209.40 13.15 -73.46	255.57 14.30 -103.75	278.58 18.77 -82.68	316.73 22.32 -87.79	347.25 20.30 -137.34	259.71 14.87 -101.88	267.86 12.11 -144.67	175.72 9.14 -83.49	134.31 9.01 -43.42	126.41 6.53 -52.49
WADING RIVER_IC_2 23547	128.14 6.00 -53.09	98.36 6.04 -25.20	72.46 5.61 -0.01	71.58 4.93 -0.01	70.07 4.58 -0.01	72.13 5.22 -0.01	72.53 5.62 -0.01	93.06 6.15 -20.01	104.70 6.31 -31.21	146.65 6.93 -68.29	130.78 7.92 -39.58	133.98 10.32 -26.31	143.50 11.72 -21.21	170.65 12.85 -38.86	209.40 13.15 -73.46	255.57 14.30 -103.75	278.58 18.77 -82.68	316.73 22.32 -87.79	347.25 20.30 -137.34	259.71 14.87 -101.88	267.86 12.11 -144.67	175.72 9.14 -83.49	134.31 9.01 -43.42	126.41 6.53 -52.49
WADING RIVER_IC_3 23601	128.14 6.00 -53.09	98.36 6.04 -25.20	72.46 5.61 -0.01	71.58 4.93 -0.01	70.07 4.58 -0.01	72.13 5.22 -0.01	72.53 5.62 -0.01	93.06 6.15 -20.01	104.70 6.31 -31.21	146.65 6.93 -68.29	130.78 7.92 -39.58	133.98 10.32 -26.31	143.50 11.72 -21.21	170.65 12.85 -38.86	209.40 13.15 -73.46	255.57 14.30 -103.75	278.58 18.77 -82.68	316.73 22.32 -87.79	347.25 20.30 -137.34	259.71 14.87 -101.88	267.86 12.11 -144.67	175.72 9.14 -83.49	134.31 9.01 -43.42	126.41 6.53 -52.49
WALDENNY_12_KV_BK2 80841	68.50 -0.55 0.00	64.17 -2.95 0.00	63.03 -3.81 0.00	62.24 -4.40 0.00	61.29 -4.19 0.00	62.75 -4.15 0.00	62.22 -4.68 0.00	61.82 -5.08 0.00	62.88 -4.30 0.00	67.51 -3.93 0.00	78.49 -4.75 0.05	90.43 -6.91 0.01	96.02 -6.63 7.92	103.39 -7.14 8.42	110.16 -6.63 6.01	117.32 -6.60 13.60	139.69 -10.27 27.18	165.18 -10.12 31.32	155.03 -10.24 24.35	134.38 -8.58 0.00	106.64 -4.44 0.00	84.12 -1.74 -2.78	78.27 -4.34 -0.72	65.66 -4.11 -2.38
WALDEN__HYDRO 24148	79.05 3.25 -6.76	73.66 3.42 -3.12	69.91 3.07 0.00	69.30 2.67 0.00	67.97 2.49 0.00	69.85 2.94 0.00	69.91 3.01 0.00	70.38 3.48 0.00	71.00 3.83 0.00	75.73 4.29 0.00	88.54 5.25 0.00	104.08 6.72 0.00	118.87 8.29 0.00	128.22 9.28 0.00	136.57 9.95 -3.82	155.04 11.14 -6.38	197.61 14.88 -5.59	250.40 17.36 -26.42	224.16 15.74 -18.81	184.56 11.01 -30.59	148.24 9.00 -28.16	116.62 6.48 -27.05	100.17 5.73 -12.55	85.05 4.04 -13.62
WARRENSBURG____ 23737	149.96 4.90 -76.01	107.92 4.70 -36.10	71.11 4.28 0.00	70.57 3.93 0.00	69.41 3.93 0.00	71.05 4.15 0.00	71.12 4.21 0.00	74.73 4.28 -3.55	88.24 4.70 -16.36	91.77 5.07 -15.26	90.28 5.25 -1.75	108.13 5.84 -4.93	122.10 6.63 -4.89	136.03 7.14 -9.95	153.66 7.74 -23.12	197.99 9.49 -50.98	241.65 12.22 -52.29	403.54 15.50 -181.42	433.91 15.55 -228.75	437.55 11.44 -283.15	386.18 9.55 -265.55	259.06 7.15 -168.83	195.22 6.39 -106.95	131.48 4.85 -59.25
WATERSIDE____6 8 9 23538	68.63 2.97 3.38	65.68 3.36 4.80	66.22 3.07 3.69	64.35 2.53 4.82	65.24 2.42 2.66	66.25 2.81 3.47	67.80 3.08 2.18	70.89 3.61 -0.37	73.03 4.10 -1.76	77.65 4.57 -1.64	89.13 5.66 -0.18	105.67 7.79 -0.52	120.49 9.40 -0.52	130.72 10.70 -1.08	139.78 11.05 -5.93	184.20 12.51 -34.17	238.52 16.47 -44.91	301.45 18.80 -76.03	248.07 16.50 -41.96	191.23 11.87 -36.40	150.84 9.44 -30.32	118.16 6.65 -28.43	97.15 5.98 -9.29	71.21 3.84 0.01
WATKINRD_115KV_LN8_ILLION 55919	69.81 0.76 0.00	67.86 0.74 0.00	67.44 0.60 0.00	67.17 0.53 0.00	66.07 0.59 0.00	67.57 0.67 0.00	67.64 0.74 0.00	67.57 0.67 0.00	67.98 0.81 0.00	72.30 0.86 0.00	84.29 1.00 0.00	98.63 1.27 0.00	112.01 1.44 0.00	120.49 1.55 0.00	124.39 1.60 0.00	139.45 1.93 0.00	179.26 2.13 0.00	209.10 2.48 0.00	192.08 2.46 0.00	144.68 1.72 0.00	112.41 1.33 0.00	84.09 1.00 0.00	82.62 0.74 0.00	67.79 0.40 0.00

WDELAWARE___HYD 323627	79.73 3.52 -7.16	74.04 3.62 -3.30	70.04 3.21 0.00	69.43 2.80 0.00	68.17 2.69 0.00	70.05 3.15 0.00	70.18 3.28 0.00	70.51 3.61 0.00	71.14 3.96 0.00	75.80 4.36 0.00	88.54 5.25 0.00	104.07 6.71 0.00	118.87 8.30 0.00	128.33 9.39 0.00	132.98 10.19 0.00	147.35 11.55 1.72	190.16 15.59 2.57	244.29 18.60 -19.06	219.92 17.07 -13.23	179.84 12.01 -24.87	145.49 9.78 -24.63	114.60 7.06 -24.46	100.98 6.14 -12.96	85.02 4.32 -13.32
WEST BABYLON___IC 23714	129.11 6.97 -53.09	99.30 6.98 -25.20	73.39 6.55 0.00	72.57 5.93 0.00	71.11 5.63 0.00	73.12 6.22 0.00	73.46 6.56 0.00	94.00 7.09 -20.01	105.98 7.59 -31.21	147.47 8.22 -67.82	132.19 9.33 -39.58	136.20 11.78 -27.06	140.75 13.49 -16.68	176.64 14.87 -42.83	202.53 15.35 -64.39	230.51 17.19 -75.80	286.26 22.67 -86.45	323.81 26.65 -90.53	339.27 24.08 -125.57	247.42 17.30 -87.16	173.81 14.00 -48.74	162.27 10.30 -68.88	133.78 10.07 -41.82	127.43 7.55 -52.49
WEST CANADA___HYD 24049	69.53 0.49 0.00	67.59 0.47 0.00	67.24 0.40 0.00	66.97 0.33 0.00	65.81 0.33 0.00	67.37 0.47 0.00	67.37 0.47 0.00	67.31 0.40 0.00	67.65 0.47 0.00	72.01 0.57 0.00	83.95 0.66 0.00	98.23 0.87 0.00	111.57 0.99 0.00	120.01 1.07 0.00	123.90 1.10 0.00	138.76 1.23 0.00	178.73 1.59 0.00	208.48 1.86 0.00	191.32 1.70 0.00	144.25 1.28 0.00	112.19 1.11 0.00	84.00 0.92 0.00	82.62 0.74 0.00	67.86 0.48 0.00
WESTERN_NY_WIND 24143	70.08 1.04 0.00	65.51 -1.61 0.00	64.56 -2.27 0.00	63.64 -3.00 0.00	62.73 -2.75 0.00	64.03 -2.88 0.00	63.36 -3.55 0.00	63.22 -3.68 0.00	64.29 -2.89 0.00	68.73 -2.71 0.00	79.43 -3.83 0.03	90.83 -6.52 0.01	98.07 -7.63 4.88	105.54 -8.21 5.20	111.36 -7.74 3.70	121.68 -7.43 8.42	149.60 -10.45 17.08	181.83 -10.33 14.46	167.77 -9.86 11.98	136.39 -6.58 0.00	107.86 -3.22 0.00	85.45 0.00 -2.36	80.12 -2.37 -0.62	66.72 -2.70 -2.03
WESTOVER___LESR 323668	72.75 0.76 -2.94	68.47 0.00 -1.35	66.44 -0.40 0.00	66.10 -0.53 0.00	65.02 -0.46 0.00	66.70 -0.20 0.00	66.64 -0.27 0.00	66.64 -0.27 0.00	67.18 0.00 0.00	71.65 0.21 0.00	83.62 0.33 0.00	97.36 0.00 0.00	111.37 0.77 -0.02	119.68 0.71 -0.03	124.04 1.23 -0.01	139.07 1.51 -0.03	179.89 1.59 -1.15	218.30 2.27 -9.40	199.60 1.90 -8.09	154.24 1.00 -10.28	122.97 1.78 -10.11	94.46 1.83 -9.54	87.81 0.74 -5.19	72.49 0.07 -5.04
WETHRSFD_WT_PWR 323626	68.15 -0.90 0.00	64.17 -2.95 0.00	62.89 -3.94 0.00	62.31 -4.33 0.00	61.36 -4.12 0.00	63.02 -3.88 0.00	62.56 -4.35 0.00	62.09 -4.82 0.00	62.81 -4.37 0.00	67.08 -4.36 0.00	76.60 -6.50 0.19	89.14 -8.18 0.05	72.04 -8.62 29.91	77.57 -9.52 31.85	90.90 -9.21 22.68	75.96 -9.90 51.66	58.43 -13.29 105.41	68.33 -14.25 124.04	85.49 -13.28 90.85	132.82 -10.15 0.00	105.75 -5.33 0.00	84.02 -2.24 -3.17	78.70 -4.01 -0.83	66.07 -4.04 -2.72
WHAVSTOR_138KV_BK127 55557	79.09 2.90 -7.14	73.60 3.09 -3.40	69.64 2.81 0.00	69.04 2.40 0.00	67.71 2.23 0.00	69.58 2.68 0.00	69.71 2.81 0.00	70.11 3.21 0.00	70.80 3.63 0.00	75.51 4.07 0.00	88.37 5.08 0.00	104.18 6.82 0.00	118.87 8.29 0.00	128.34 9.40 0.00	138.13 9.82 -5.51	142.92 11.00 5.61	177.79 14.70 14.05	221.87 16.74 1.49	172.99 14.79 31.41	184.24 10.44 -30.84	148.72 8.55 -29.09	116.51 5.98 -27.43	99.29 5.40 -12.00	84.33 3.64 -13.30
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	79.09 2.90 -7.14	73.60 3.09 -3.40	69.64 2.81 0.00	69.04 2.40 0.00	67.71 2.23 0.00	69.58 2.68 0.00	69.71 2.81 0.00	70.11 3.21 0.00	70.80 3.63 0.00	75.51 4.07 0.00	88.37 5.08 0.00	104.18 6.82 0.00	118.87 8.29 0.00	128.34 9.40 0.00	138.13 9.82 -5.51	142.92 11.00 5.61	177.79 14.70 14.05	221.87 16.74 1.49	172.99 14.79 31.41	184.24 10.44 -30.84	148.72 8.55 -29.09	116.51 5.98 -27.43	99.29 5.40 -12.00	84.33 3.64 -13.30
WHITEHAL_115KV_TB1 80871	152.04 7.32 -75.68	109.96 6.85 -35.99	73.12 6.28 0.00	72.57 5.93 0.00	71.37 5.89 0.00	73.12 6.22 0.00	73.12 6.22 0.00	76.89 6.29 -3.70	90.99 6.78 -17.03	94.48 7.14 -15.89	92.77 7.66 -1.82	110.96 8.47 -5.13	125.40 9.73 -5.09	139.89 10.59 -10.36	158.39 11.42 -24.17	204.67 13.89 -53.26	249.82 18.07 -54.62	412.00 22.94 -182.45	440.87 22.18 -229.07	442.58 16.73 -282.89	389.45 13.66 -264.71	261.59 10.22 -168.28	197.25 9.17 -106.20	133.30 7.01 -58.90
WHITEPLN_13_KV_LOAD 356215	81.28 4.83 -7.40	75.55 4.90 -3.53	71.45 4.61 0.00	70.70 4.06 0.00	69.41 3.93 0.00	71.32 4.42 0.00	71.52 4.62 0.00	72.17 4.88 -0.38	74.38 5.44 -1.76	79.16 6.07 -1.65	91.14 7.66 -0.19	108.21 10.32 -0.53	123.49 12.38 -0.53	133.93 13.92 -1.07	143.33 14.61 -5.92	189.53 16.78 -35.23	246.13 22.50 -46.50	310.96 26.24 -78.09	316.35 22.94 -103.79	195.88 16.44 -36.48	154.03 12.66 -30.28	120.21 8.72 -28.40	102.56 7.86 -12.81	86.60 5.32 -13.90
WM_FLOYD_69_KV_BK2 356380	128.76 6.63 -53.09	98.96 6.64 -25.20	72.99 6.15 0.00	72.10 5.46 0.00	70.59 5.11 0.00	72.66 5.75 0.00	73.06 6.16 0.00	93.67 6.76 -20.01	105.51 7.12 -31.21	147.44 7.72 -68.29	131.69 8.83 -39.58	134.80 11.10 -26.34	144.55 12.61 -21.37	173.22 13.80 -40.48	214.59 14.24 -77.55	262.34 15.54 -109.28	280.35 20.37 -82.84	319.18 23.97 -88.59	352.07 21.81 -140.65	263.84 15.87 -105.01	271.11 13.11 -146.92	177.83 9.80 -84.94	135.01 9.66 -43.47	126.96 7.08 -52.49
WOODARD___115KV_TB2 355635	68.63 -0.41 0.00	66.31 -0.81 0.00	65.70 -1.14 0.00	65.37 -1.27 0.00	64.24 -1.24 0.00	65.83 -1.07 0.00	65.83 -1.07 0.00	65.97 -0.94 0.00	66.50 -0.67 0.00	70.87 -0.57 0.00	82.71 -0.58 0.00	96.58 -0.78 0.00	109.58 -1.00 0.00	117.87 -1.07 0.00	121.81 -0.98 0.00	136.70 -0.83 0.00	177.76 -1.06 -1.69	206.85 -1.03 -1.26	189.19 -0.95 -0.53	142.53 -0.43 0.00	111.19 0.11 0.00	83.50 0.42 0.00	81.55 -0.33 0.00	66.64 -0.74 0.00
WOODMERE_69_KV_BK1 55827	128.14 6.01 -53.09	98.42 6.11 -25.20	72.65 5.81 0.00	71.90 5.26 0.00	70.52 5.04 0.00	72.46 5.55 0.00	72.52 5.62 0.00	92.93 6.02 -20.01	104.91 6.52 -31.21	147.17 7.22 -68.51	131.61 8.75 -39.58	160.00 11.20 -51.44	168.85 13.38 -44.90	242.16 14.63 -108.59	355.38 14.49 -218.10	349.93 16.50 -195.91	405.82 21.79 -206.89	477.67 25.41 -245.63	503.50 22.75 -291.13	345.54 16.30 -186.28	169.21 13.66 -44.46	198.53 9.72 -105.72	132.13 9.25 -41.00	126.42 6.54 -52.49
YORK___WARBASSE 23770	70.27 3.31 2.09	66.94 3.62 3.80	66.86 3.27 3.25	64.99 2.60 4.24	65.63 2.49 2.34	66.80 2.94 3.05	68.20 3.21 1.92	71.02 3.75 -0.38	73.30 4.37 -1.76	77.94 4.86 -1.64	89.55 6.08 -0.18	106.06 8.18 -0.53	121.05 9.95 -0.52	131.43 11.42 -1.07	140.14 11.42 -5.93	184.75 13.06 -34.17	238.87 16.83 -44.91	301.87 19.22 -76.03	255.60 17.07 -48.92	191.52 12.15 -36.40	151.17 9.78 -30.32	118.58 7.06 -28.43	101.17 6.47 -12.82	73.22 4.18 -1.65