

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/03/2025

Name	PTID	00:00 EST	01:00 EST	02:00 EST	03:00 EST	04:00 EST	05:00 EST	06:00 EST	07:00 EST	08:00 EST	09:00 EST	10:00 EST	11:00 EST	12:00 EST	13:00 EST	14:00 EST	15:00 EST	16:00 EST	17:00 EST	18:00 EST	19:00 EST	20:00 EST	21:00 EST	22:00 EST	23:00 EST
59TH STREET_GT_1 24138		94.46 3.49 -9.78	85.70 3.27 -6.27	80.67 3.00 -4.48	78.45 2.61 -3.23	81.18 2.95 -0.69	93.10 3.37 -5.55	139.83 5.01 -18.11	157.68 5.77 -20.62	133.09 5.05 -28.90	100.49 4.70 -17.42	91.29 4.10 -13.97	82.81 3.96 -11.69	77.47 3.79 -9.36	74.72 3.53 -8.21	74.72 3.60 -7.87	81.48 3.75 -9.57	102.19 4.52 -16.87	135.85 5.88 -24.88	153.97 6.87 -28.55	134.45 6.23 -29.34	122.38 5.24 -25.08	103.16 4.25 -17.09	90.04 3.75 -9.68	83.03 3.54 -8.75
74TH STREET_GT_1 24260		94.58 3.65 -9.74	85.83 3.43 -6.25	80.79 3.15 -4.47	78.81 2.98 -3.22	81.33 3.10 -0.69	93.25 3.54 -5.53	140.12 5.37 -18.05	157.86 6.04 -20.53	133.17 5.25 -28.77	100.73 5.02 -17.35	91.16 4.03 -13.91	82.96 4.16 -11.64	77.50 3.86 -9.32	74.69 3.53 -8.18	74.75 3.67 -7.83	81.57 3.88 -9.53	101.96 4.36 -16.80	135.55 5.67 -24.78	153.76 6.76 -28.46	133.97 5.83 -29.26	122.21 5.16 -25.00	103.19 4.34 -17.03	90.16 3.91 -9.64	82.78 3.33 -8.71
74TH STREET_GT_2 24261		94.58 3.65 -9.74	85.83 3.43 -6.25	80.79 3.15 -4.47	78.81 2.98 -3.22	81.33 3.10 -0.69	93.25 3.54 -5.53	140.12 5.37 -18.05	157.86 6.04 -20.53	133.17 5.25 -28.77	100.73 5.02 -17.35	91.16 4.03 -13.91	82.96 4.16 -11.64	77.50 3.86 -9.32	74.69 3.53 -8.18	74.75 3.67 -7.83	81.57 3.88 -9.53	101.96 4.36 -16.80	135.55 5.67 -24.78	153.76 6.76 -28.46	133.97 5.83 -29.26	122.21 5.16 -25.00	103.19 4.34 -17.03	90.16 3.91 -9.64	82.78 3.33 -8.71
ADK HUDSON___FALLS 24011		88.58 7.39 0.00	82.93 6.78 0.00	84.29 6.66 -4.45	82.08 6.68 -2.79	84.68 7.13 0.00	99.46 8.42 -6.86	169.98 12.02 -41.25	144.82 13.52 0.00	108.86 9.72 0.00	85.82 7.45 0.00	79.30 6.08 0.00	72.74 5.57 0.00	69.01 4.70 0.00	67.46 4.47 0.00	68.00 4.74 0.00	73.75 5.59 0.00	88.23 7.43 0.00	126.80 10.40 -11.31	185.93 12.21 -55.17	202.65 10.09 -93.69	158.38 9.21 -57.12	116.06 8.02 -26.22	87.36 7.43 -3.32	83.58 6.65 -6.18
ADK RESOURCE___RCVRY 23798		89.23 8.04 0.00	83.62 7.47 0.00	84.89 7.25 -4.46	82.53 7.12 -2.80	85.30 7.75 0.00	100.33 9.26 -6.88	171.29 13.18 -41.40	146.26 14.96 0.00	109.85 10.71 0.00	86.52 8.15 0.00	80.03 6.81 0.00	73.27 6.11 0.00	69.53 5.21 0.00	67.96 4.97 0.00	68.50 5.25 0.00	74.29 6.14 0.00	89.04 8.25 0.00	128.00 11.56 -11.35	187.64 13.74 -55.35	204.04 11.17 -93.99	159.57 10.22 -57.30	116.96 8.84 -26.30	87.98 8.04 -3.33	84.17 7.22 -6.20
ADK S GLENS___FALLS 24028		88.58 7.39 0.00	82.93 6.78 0.00	84.29 6.66 -4.45	82.08 6.68 -2.79	84.68 7.13 0.00	99.46 8.42 -6.86	169.98 12.02 -41.25	144.82 13.52 0.00	108.86 9.72 0.00	85.82 7.45 0.00	79.30 6.08 0.00	72.74 5.57 0.00	69.01 4.70 0.00	67.46 4.47 0.00	68.00 4.74 0.00	73.75 5.59 0.00	88.23 7.43 0.00	126.80 10.40 -11.31	185.93 12.21 -55.17	202.65 10.09 -93.69	158.38 9.21 -57.12	116.06 8.02 -26.22	87.36 7.43 -3.32	83.58 6.65 -6.18
ADK_NYS___DAM 23527		85.25 4.06 0.00	80.26 4.11 0.00	80.26 3.80 -3.27	78.30 3.63 -2.06	81.50 3.95 0.00	93.41 4.12 -5.10	152.09 5.01 -30.37	136.55 5.26 0.00	103.61 4.47 0.00	82.68 4.31 0.00	77.03 3.81 0.00	70.79 3.62 0.00	67.72 3.41 0.00	66.19 3.21 0.00	66.73 3.48 0.00	71.90 3.75 0.00	85.24 4.44 0.00	119.02 5.57 -8.37	165.17 5.81 -40.82	173.72 5.53 -69.31	139.37 5.06 -42.26	105.71 4.50 -19.40	83.43 4.36 -2.46	79.56 4.24 -4.57
AIR_PRODUCTS___DRP 24190		84.11 2.92 0.00	78.89 2.74 0.00	78.25 2.63 -2.44	76.69 2.54 -1.53	80.33 2.79 0.00	90.94 2.95 -3.80	143.19 3.85 -22.63	135.37 4.07 0.00	102.21 3.07 0.00	81.35 2.98 0.00	75.64 2.42 0.00	69.58 2.42 0.00	66.44 2.12 0.00	65.00 2.02 0.00	65.40 2.15 0.00	70.54 2.39 0.00	83.63 2.83 0.00	114.90 3.57 -6.24	152.88 3.91 -30.42	184.00 3.46 -51.66	126.77 3.22 -31.49	99.06 2.78 -14.46	81.27 2.83 -1.83	76.77 2.62 -3.41
AKWESSNE_115KV_BK 355683		82.33 1.14 0.00	77.37 1.22 0.00	74.50 1.32 0.00	73.92 1.31 0.00	78.78 1.24 0.00	84.94 0.76 0.00	117.64 0.93 0.00	132.61 1.31 0.00	99.83 0.69 0.00	78.68 0.31 0.00	74.17 0.95 0.00	67.90 0.74 0.00	65.28 0.96 0.00	64.12 1.13 0.00	64.26 1.01 0.00	69.25 1.09 0.00	81.85 1.05 0.00	106.25 1.16 0.00	119.37 0.83 0.00	99.27 0.40 0.00	92.61 0.55 0.00	82.56 0.74 0.00	77.22 0.61 0.00	71.66 0.92 0.00
ALBANY_1_SOLAR 323833		85.01 3.82 0.00	79.66 3.50 0.00	78.26 3.22 -1.86	76.83 3.05 -1.17	80.88 3.33 0.00	90.79 3.70 -2.90	138.76 4.79 -17.26	136.41 5.12 0.00	102.41 3.27 0.00	81.04 2.67 0.00	75.34 2.12 0.00	69.18 2.01 0.00	66.06 1.74 0.00	64.62 1.63 0.00	65.09 1.84 0.00	70.34 2.18 0.00	83.79 2.99 0.00	113.84 3.99 -4.76	146.50 4.75 -23.21	142.35 4.06 -39.42	119.77 3.69 -24.03	96.04 3.19 -11.03	81.37 3.37 -1.40	76.45 3.11 -2.60
ALBANY_2_SOLAR 323834		84.93 3.74 0.00	79.66 3.50 0.00	78.18 3.14 -1.86	76.83 3.05 -1.17	80.88 3.33 0.00	90.70 3.62 -2.90	138.75 4.79 -17.26	136.28 4.99 0.00	102.41 3.27 0.00	81.04 2.67 0.00	75.34 2.12 0.00	69.18 2.01 0.00	66.06 1.74 0.00	64.62 1.63 0.00	65.09 1.84 0.00	70.34 2.18 0.00	83.79 2.99 0.00	113.84 3.99 -4.76	146.49 4.75 -23.20	142.34 4.06 -39.40	119.76 3.69 -24.02	96.03 3.19 -11.03	81.37 3.37 -1.40	76.38 3.04 -2.60
ALBANY___1 23571		84.11 2.92 0.00	78.89 2.74 0.00	78.25 2.63 -2.44	76.69 2.54 -1.53	80.33 2.79 0.00	90.94 2.95 -3.80	143.19 3.85 -22.63	135.37 4.07 0.00	102.21 3.07 0.00	81.35 2.98 0.00	75.64 2.42 0.00	69.58 2.42 0.00	66.44 2.12 0.00	65.00 2.02 0.00	65.40 2.15 0.00	70.54 2.39 0.00	83.63 2.83 0.00	114.90 3.57 -6.24	152.88 3.91 -30.42	184.00 3.46 -51.66	126.77 3.22 -31.49	99.06 2.78 -14.46	81.27 2.83 -1.83	76.77 2.62 -3.41

ALBANY___2 23572	84.11 2.92 0.00	78.89 2.74 0.00	78.25 2.63 -2.44	76.69 2.54 -1.53	80.33 2.79 0.00	90.94 2.95 -3.80	143.19 3.85 -22.63	135.37 4.07 0.00	102.21 3.07 0.00	81.35 2.98 0.00	75.64 2.42 0.00	69.58 2.42 0.00	66.44 2.12 0.00	65.00 2.02 0.00	65.40 2.15 0.00	70.54 2.39 0.00	83.63 2.83 0.00	114.90 3.57 -6.24	152.88 3.91 -30.42	154.00 3.46 -51.66	126.77 3.22 -31.49	99.06 2.78 -14.46	81.27 2.83 -1.83	76.77 2.62 -3.41
ALBANY___3 23573	84.11 2.92 0.00	78.89 2.74 0.00	78.25 2.63 -2.44	76.69 2.54 -1.53	80.33 2.79 0.00	90.94 2.95 -3.80	143.19 3.85 -22.63	135.37 4.07 0.00	102.21 3.07 0.00	81.35 2.98 0.00	75.64 2.42 0.00	69.58 2.42 0.00	66.44 2.12 0.00	65.00 2.02 0.00	65.40 2.15 0.00	70.54 2.39 0.00	83.63 2.83 0.00	114.90 3.57 -6.24	152.88 3.91 -30.42	154.00 3.46 -51.66	126.77 3.22 -31.49	99.06 2.78 -14.46	81.27 2.83 -1.83	76.77 2.62 -3.41
ALBANY___4 23574	84.11 2.92 0.00	78.89 2.74 0.00	78.25 2.63 -2.44	76.69 2.54 -1.53	80.33 2.79 0.00	90.94 2.95 -3.80	143.19 3.85 -22.63	135.37 4.07 0.00	102.21 3.07 0.00	81.35 2.98 0.00	75.64 2.42 0.00	69.58 2.42 0.00	66.44 2.12 0.00	65.00 2.02 0.00	65.40 2.15 0.00	70.54 2.39 0.00	83.63 2.83 0.00	114.90 3.57 -6.24	152.88 3.91 -30.42	154.00 3.46 -51.66	126.77 3.22 -31.49	99.06 2.78 -14.46	81.27 2.83 -1.83	76.77 2.62 -3.41
ALBANY___LFGE 323615	84.60 3.41 0.00	79.42 3.27 0.00	79.35 3.07 -3.10	77.47 2.91 -1.95	80.72 3.18 0.00	92.47 3.45 -4.83	150.00 4.55 -28.75	136.16 4.86 0.00	102.91 3.77 0.00	81.90 3.53 0.00	76.22 3.00 0.00	70.05 2.89 0.00	66.96 2.64 0.00	65.51 2.52 0.00	65.91 2.66 0.00	71.09 2.93 0.00	84.27 3.47 0.00	117.53 4.52 -7.92	162.28 5.09 -38.64	168.95 4.45 -65.62	136.02 3.96 -40.00	103.62 3.44 -18.36	82.30 3.37 -2.32	78.26 3.19 -4.33
ALCOA_PA_115KV_PL-6C 55860	82.81 1.62 0.00	77.83 1.68 0.00	75.15 1.98 0.00	74.36 1.74 0.00	79.25 1.71 0.00	85.36 1.18 0.00	118.34 1.63 0.00	133.40 2.10 0.00	100.33 1.19 0.00	79.08 0.71 0.00	74.46 1.24 0.00	68.24 1.07 0.00	65.60 1.29 0.00	64.43 1.45 0.00	64.58 1.33 0.00	69.52 1.36 0.00	82.17 1.37 0.00	106.67 1.58 0.00	119.85 1.30 0.00	99.67 0.79 0.00	92.98 0.92 0.00	82.89 1.06 0.00	77.53 0.92 0.00	71.95 1.20 0.00
ALCOA_RYNLDS___DRP 24188	82.81 1.62 0.00	77.83 1.68 0.00	75.15 1.98 0.00	74.36 1.74 0.00	79.25 1.71 0.00	85.36 1.18 0.00	118.34 1.63 0.00	133.40 2.10 0.00	100.33 1.19 0.00	79.08 0.71 0.00	74.46 1.24 0.00	68.24 1.07 0.00	65.60 1.29 0.00	64.43 1.45 0.00	64.58 1.33 0.00	69.52 1.36 0.00	82.17 1.37 0.00	106.67 1.58 0.00	119.85 1.30 0.00	99.67 0.79 0.00	92.98 0.92 0.00	82.89 1.06 0.00	77.53 0.92 0.00	71.95 1.20 0.00
ALCOA___DSASP 323711	82.81 1.62 0.00	77.82 1.67 0.00	75.30 2.12 0.00	75.30 2.69 0.00	79.25 1.70 0.00	85.36 1.18 0.00	118.34 1.63 0.00	133.39 2.09 0.00	100.33 1.19 0.00	79.07 0.70 0.00	74.24 1.02 0.00	68.10 0.94 0.00	65.34 1.03 0.00	64.18 1.19 0.00	64.39 1.14 0.00	69.31 1.16 0.00	81.85 1.05 0.00	105.93 0.84 0.00	118.90 0.36 0.00	98.88 0.00 0.00	92.43 0.37 0.00	82.64 0.82 0.00	77.53 0.92 0.00	71.73 0.99 0.00
ALLEGHENY___COGEN 23514	80.38 -0.81 0.00	74.93 -1.22 0.00	71.79 -1.39 0.00	71.23 -1.38 0.00	76.92 -0.62 0.00	84.78 0.59 0.00	118.81 2.10 0.00	131.69 0.40 0.00	97.45 -1.69 0.00	75.00 -3.37 0.00	69.34 -3.88 0.00	63.40 -3.76 0.00	60.14 -4.18 0.00	58.77 -4.22 0.00	58.82 -4.43 0.00	63.59 -4.57 0.00	76.03 -4.77 0.00	101.59 -3.78 -0.28	119.44 -0.47 -1.37	101.81 0.60 -2.33	93.29 -0.18 -1.42	81.00 -1.47 -0.65	75.08 -1.61 -0.08	69.13 -1.77 -0.15
ALTAMONT_115KV_TB 2 55880	83.46 2.27 0.00	78.28 2.13 0.00	77.21 2.05 -1.98	75.82 1.96 -1.24	79.64 2.09 0.00	89.54 2.27 -3.09	138.09 3.03 -18.35	134.45 3.15 0.00	101.62 2.48 0.00	80.72 2.35 0.00	75.05 1.83 0.00	69.04 1.88 0.00	65.99 1.67 0.00	64.50 1.51 0.00	64.90 1.64 0.00	70.00 1.84 0.00	82.98 2.18 0.00	112.98 2.84 -5.06	146.42 3.20 -24.68	143.65 2.87 -41.90	120.27 2.67 -25.55	95.84 2.29 -11.73	80.39 2.30 -1.48	75.56 2.05 -2.76
ALTONA_WT_PWR 323606	83.71 2.52 0.00	78.82 2.66 0.00	76.03 2.85 0.00	76.31 3.70 0.00	80.56 3.02 0.00	84.94 0.76 0.00	115.07 -1.63 0.00	130.11 -1.18 0.00	97.55 -1.59 0.00	78.99 0.62 0.00	74.24 1.02 0.00	68.30 1.14 0.00	65.54 1.22 0.00	64.37 1.38 0.00	64.45 1.20 0.00	69.24 1.09 0.00	81.37 0.57 0.00	102.57 -2.52 0.00	114.87 -3.68 0.00	95.02 -3.86 0.00	89.38 -2.67 0.00	81.99 0.16 0.00	77.83 1.22 0.00	72.02 1.27 0.00
AMERICAN_REF_FUEL 24010	72.50 -8.69 0.00	67.09 -9.06 0.00	64.47 -8.71 0.00	63.90 -8.72 0.00	69.40 -8.14 0.00	76.10 -8.08 0.00	105.85 -10.85 0.00	117.78 -13.52 0.00	89.52 -9.61 0.00	70.14 -8.23 0.00	65.60 -7.62 0.00	60.18 -6.99 0.00	57.05 -7.27 0.00	55.87 -7.12 0.00	55.72 -7.53 0.00	60.11 -8.04 0.00	70.53 -10.26 0.00	92.90 -12.19 0.00	106.45 -12.09 0.00	88.39 -10.48 0.00	81.56 -10.50 0.00	71.75 -10.07 0.00	67.80 -8.81 0.00	62.89 -7.85 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	77.05 -4.14 0.00	71.43 -4.72 0.00	68.64 -4.54 0.00	67.96 -4.65 0.00	73.67 -3.87 0.00	80.73 -3.46 0.00	112.74 -3.97 0.00	126.70 -4.60 0.00	96.07 -3.07 0.00	75.15 -3.22 0.00	70.21 -3.01 0.00	64.34 -2.82 0.00	60.84 -3.47 0.00	59.46 -3.53 0.00	59.27 -3.98 0.00	64.00 -4.16 0.00	75.30 -5.50 0.00	100.15 -4.94 0.00	114.87 -3.68 0.00	95.41 -3.46 0.00	87.73 -4.33 0.00	76.50 -5.32 0.00	72.02 -4.59 0.00	66.43 -4.32 0.00
ARTHUR KILL_GT_1 23520	94.08 3.16 -9.73	85.21 2.82 -6.24	80.20 2.56 -4.46	78.00 2.18 -3.21	80.70 2.48 -0.68	92.57 2.86 -5.52	139.18 4.43 -18.04	155.25 5.39 -18.57	132.37 4.47 -28.77	100.25 4.54 -17.34	91.00 3.88 -13.90	82.68 3.89 -11.63	77.36 3.73 -9.31	74.62 3.46 -8.17	74.68 3.60 -7.83	81.43 3.75 -9.52	101.77 4.12 -16.85	135.80 5.88 -24.83	153.68 6.63 -28.50	134.02 5.83 -29.31	123.62 5.06 -26.50	123.41 4.42 -37.17	90.25 3.90 -9.74	82.98 3.54 -8.70
ARTHUR_KILL_2 23512	93.84 2.92 -9.73	85.05 2.66 -6.24	79.98 2.34 -4.46	77.78 1.96 -3.21	80.47 2.25 -0.68	92.32 2.61 -5.52	138.83 4.08 -18.04	154.85 4.99 -18.57	132.07 4.16 -28.77	100.02 4.31 -17.34	90.78 3.66 -13.90	82.48 3.69 -11.63	77.23 3.60 -9.31	74.49 3.34 -8.17	74.55 3.48 -7.83	81.22 3.54 -9.52	101.53 3.88 -16.85	135.49 5.57 -24.83	153.21 6.16 -28.50	133.72 5.53 -29.31	123.34 4.78 -26.50	123.17 4.17 -37.17	90.02 3.68 -9.74	82.77 3.33 -8.70
ARTHUR_KILL_3 23513	93.47 2.52 -9.76	84.78 2.36 -6.26	79.70 2.05 -4.48	77.51 1.67 -3.22	80.17 1.94 -0.69	92.00 2.27 -5.54	138.17 3.39 -18.08	153.85 3.94 -18.62	131.54 3.56 -28.83	99.44 3.68 -17.38	90.24 3.07 -13.94	81.98 3.16 -11.66	76.74 3.09 -9.34	73.95 2.77 -8.20	74.01 2.91 -7.85	80.64 2.93 -9.55	101.08 3.39 -16.89	134.60 4.62 -24.89	152.44 5.34 -28.56	133.18 4.94 -29.36	122.75 4.15 -26.55	122.47 3.44 -37.21	89.36 2.98 -9.76	82.23 2.76 -8.73

ARTHUR_KILL_COGEN 323718	94.08 3.16 -9.73	85.21 2.82 -6.24	80.20 2.56 -4.46	78.00 2.18 -3.21	80.70 2.48 -0.68	92.57 2.86 -5.52	139.18 4.43 -18.04	155.25 5.39 -18.57	132.37 4.47 -28.77	100.25 4.54 -17.34	91.00 3.88 -13.90	82.68 3.89 -11.63	77.36 3.73 -9.31	74.62 3.46 -8.17	74.68 3.60 -7.83	81.43 3.75 -9.52	101.77 4.12 -16.85	135.80 5.88 -24.83	153.68 6.63 -28.50	134.02 5.83 -29.31	123.62 5.06 -26.50	123.41 4.42 -37.17	90.25 3.90 -9.74	82.98 3.54 -8.70
ASHOKAN____ 23654	86.71 5.52 0.00	79.66 3.50 0.00	74.87 0.29 -1.40	73.64 0.15 -0.88	77.85 0.31 0.00	87.21 0.84 -2.19	130.87 1.17 -13.00	139.71 8.41 0.00	104.39 5.25 0.00	82.44 4.07 0.00	76.15 2.93 0.00	69.58 2.41 0.00	66.63 2.31 0.00	65.06 2.08 0.00	65.66 2.40 0.00	70.95 2.80 0.00	84.76 3.96 0.00	109.83 1.16 -3.58	138.16 2.14 -17.48	130.56 1.98 -29.70	111.73 1.56 -18.11	91.11 0.99 -8.31	82.72 5.06 -1.05	73.20 0.50 -1.96
ASTORIA_EAST_ENERGY_CC1 323581	94.67 3.74 -9.74	85.84 3.43 -6.26	80.80 3.14 -4.48	78.67 2.83 -3.22	81.42 3.18 -0.70	93.26 3.54 -5.54	140.13 5.37 -18.06	157.35 5.51 -20.54	132.18 4.26 -28.78	99.80 4.07 -17.36	90.87 3.73 -13.92	82.36 3.56 -11.64	77.12 3.47 -9.33	74.44 3.27 -8.19	74.44 3.35 -7.84	81.24 3.54 -9.54	101.64 4.04 -16.80	135.44 5.57 -24.78	153.40 6.40 -28.46	133.87 5.73 -29.26	122.12 5.06 -25.00	102.62 3.77 -17.03	89.86 3.60 -9.65	82.93 3.47 -8.72
ASTORIA_EAST_ENERGY_CC2 323582	94.75 3.82 -9.74	85.91 3.50 -6.26	80.87 3.22 -4.48	78.67 2.83 -3.22	81.42 3.18 -0.70	93.34 3.62 -5.54	140.25 5.49 -18.06	157.35 5.51 -20.54	132.18 4.26 -28.78	99.80 4.07 -17.36	90.87 3.73 -13.92	82.36 3.56 -11.64	77.12 3.47 -9.33	74.44 3.27 -8.19	74.44 3.35 -7.84	81.24 3.54 -9.54	101.64 4.04 -16.80	135.44 5.57 -24.78	153.40 6.40 -28.46	133.87 5.73 -29.26	122.12 5.06 -25.00	102.62 3.77 -17.03	89.78 3.53 -9.65	82.93 3.47 -8.72
ASTORIA_GT2_1 24094	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.17 3.34 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	139.78 5.02 -18.06	156.95 5.12 -20.54	132.48 4.56 -28.78	100.04 4.31 -17.36	90.58 3.44 -13.92	82.50 3.69 -11.64	76.99 3.34 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.17 3.48 -9.54	101.64 4.04 -16.80	134.92 5.04 -24.78	153.28 6.28 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.87 4.01 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72
ASTORIA_GT2_2 24095	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.17 3.34 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	139.78 5.02 -18.06	156.95 5.12 -20.54	132.48 4.56 -28.78	100.04 4.31 -17.36	90.58 3.44 -13.92	82.50 3.69 -11.64	76.99 3.34 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.17 3.48 -9.54	101.64 4.04 -16.80	134.92 5.04 -24.78	153.28 6.28 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.87 4.01 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72
ASTORIA_GT2_3 24096	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.17 3.34 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	139.78 5.02 -18.06	156.95 5.12 -20.54	132.48 4.56 -28.78	100.04 4.31 -17.36	90.58 3.44 -13.92	82.50 3.69 -11.64	76.99 3.34 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.17 3.48 -9.54	101.64 4.04 -16.80	134.92 5.04 -24.78	153.28 6.28 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.87 4.01 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72
ASTORIA_GT2_4 24097	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.17 3.34 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	139.78 5.02 -18.06	156.95 5.12 -20.54	132.48 4.56 -28.78	100.04 4.31 -17.36	90.58 3.44 -13.92	82.50 3.69 -11.64	76.99 3.34 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.17 3.48 -9.54	101.64 4.04 -16.80	134.92 5.04 -24.78	153.28 6.28 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.87 4.01 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72
ASTORIA_GT3_1 24098	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.17 3.34 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	139.78 5.02 -18.06	156.95 5.12 -20.54	132.48 4.56 -28.78	100.04 4.31 -17.36	90.58 3.44 -13.92	82.50 3.69 -11.64	76.99 3.34 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.17 3.48 -9.54	101.64 4.04 -16.80	134.92 5.04 -24.78	153.28 6.28 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.87 4.01 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72
ASTORIA_GT3_2 24099	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.17 3.34 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	139.78 5.02 -18.06	156.95 5.12 -20.54	132.48 4.56 -28.78	100.04 4.31 -17.36	90.58 3.44 -13.92	82.50 3.69 -11.64	76.99 3.34 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.17 3.48 -9.54	101.64 4.04 -16.80	134.92 5.04 -24.78	153.28 6.28 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.87 4.01 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72
ASTORIA_GT3_3 24100	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.17 3.34 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	139.78 5.02 -18.06	156.95 5.12 -20.54	132.48 4.56 -28.78	100.04 4.31 -17.36	90.58 3.44 -13.92	82.50 3.69 -11.64	76.99 3.34 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.17 3.48 -9.54	101.64 4.04 -16.80	134.92 5.04 -24.78	153.28 6.28 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.87 4.01 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72
ASTORIA_GT3_4 24101	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.17 3.34 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	139.78 5.02 -18.06	156.95 5.12 -20.54	132.48 4.56 -28.78	100.04 4.31 -17.36	90.58 3.44 -13.92	82.50 3.69 -11.64	76.99 3.34 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.17 3.48 -9.54	101.64 4.04 -16.80	134.92 5.04 -24.78	153.28 6.28 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.87 4.01 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72
ASTORIA_GT4_1 24102	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.17 3.34 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	139.78 5.02 -18.06	156.95 5.12 -20.54	132.48 4.56 -28.78	100.04 4.31 -17.36	90.58 3.44 -13.92	82.50 3.69 -11.64	76.99 3.34 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.17 3.48 -9.54	101.64 4.04 -16.80	134.92 5.04 -24.78	153.28 6.28 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.87 4.01 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72
ASTORIA_GT4_2 24103	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.17 3.34 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	139.78 5.02 -18.06	156.95 5.12 -20.54	132.48 4.56 -28.78	100.04 4.31 -17.36	90.58 3.44 -13.92	82.50 3.69 -11.64	76.99 3.34 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.17 3.48 -9.54	101.64 4.04 -16.80	134.92 5.04 -24.78	153.28 6.28 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.87 4.01 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72
ASTORIA_GT4_3 24104	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.17 3.34 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	139.78 5.02 -18.06	156.95 5.12 -20.54	132.48 4.56 -28.78	100.04 4.31 -17.36	90.58 3.44 -13.92	82.50 3.69 -11.64	76.99 3.34 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.17 3.48 -9.54	101.64 4.04 -16.80	134.92 5.04 -24.78	153.28 6.28 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.87 4.01 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72

ASTORIA_GT4_4 24105	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.17 3.34 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	139.78 5.02 -18.06	156.95 5.12 -20.54	132.48 4.56 -28.78	100.04 4.31 -17.36	90.58 3.44 -13.92	82.50 3.69 -11.64	76.99 3.34 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.17 3.48 -9.54	101.64 4.04 -16.80	134.92 5.04 -24.78	153.28 6.28 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.87 4.01 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72
ASTORIA_GT_1 23523	94.83 3.90 -9.74	85.99 3.58 -6.26	80.95 3.30 -4.48	78.81 2.98 -3.22	81.57 3.33 -0.70	93.51 3.79 -5.54	140.48 5.72 -18.06	157.75 5.91 -20.54	132.39 4.47 -28.78	99.96 4.23 -17.36	91.09 3.95 -13.92	82.50 3.69 -11.64	77.24 3.60 -9.33	74.57 3.40 -8.19	74.57 3.48 -7.84	81.44 3.75 -9.54	101.88 4.28 -16.80	135.75 5.88 -24.78	153.75 6.75 -28.46	134.17 6.03 -29.26	122.30 5.24 -25.00	102.86 4.01 -17.03	90.01 3.75 -9.65	83.07 3.61 -8.72
ASTORIA_GT_10 24110	94.59 3.65 -9.74	85.83 3.43 -6.25	80.79 3.15 -4.47	78.81 2.98 -3.22	81.26 3.02 -0.69	93.25 3.54 -5.53	139.90 5.14 -18.06	157.61 5.78 -20.54	132.88 4.96 -28.78	100.51 4.78 -17.36	107.80 3.88 -30.70	89.45 4.03 -18.26	94.16 3.73 -26.11	91.35 3.40 -24.97	74.70 3.61 -7.84	88.29 3.75 -16.39	101.72 4.12 -16.80	135.13 5.25 -24.78	153.40 6.40 -28.46	133.58 5.44 -29.26	121.84 4.79 -25.00	103.03 4.17 -17.03	90.16 3.91 -9.65	82.79 3.33 -8.72
ASTORIA_GT_11 24225	94.59 3.65 -9.74	85.83 3.43 -6.25	80.79 3.15 -4.47	78.81 2.98 -3.22	81.26 3.02 -0.69	93.25 3.54 -5.53	139.90 5.14 -18.06	157.61 5.78 -20.54	132.88 4.96 -28.78	100.51 4.78 -17.36	107.80 3.88 -30.70	89.45 4.03 -18.26	94.16 3.73 -26.11	91.35 3.40 -24.97	74.70 3.61 -7.84	88.29 3.75 -16.39	101.72 4.12 -16.80	135.13 5.25 -24.78	153.40 6.40 -28.46	133.58 5.44 -29.26	121.84 4.79 -25.00	103.03 4.17 -17.03	90.16 3.91 -9.65	82.79 3.33 -8.72
ASTORIA_GT_12 24226	94.59 3.65 -9.74	85.83 3.43 -6.25	80.79 3.15 -4.47	78.81 2.98 -3.22	81.26 3.02 -0.69	93.25 3.54 -5.53	139.90 5.14 -18.06	157.61 5.78 -20.54	132.88 4.96 -28.78	100.51 4.78 -17.36	107.80 3.88 -30.70	89.45 4.03 -18.26	94.16 3.73 -26.11	91.35 3.40 -24.97	74.70 3.61 -7.84	88.29 3.75 -16.39	101.72 4.12 -16.80	135.13 5.25 -24.78	153.40 6.40 -28.46	133.58 5.44 -29.26	121.84 4.79 -25.00	103.03 4.17 -17.03	90.16 3.91 -9.65	82.79 3.33 -8.72
ASTORIA_GT_13 24227	94.59 3.65 -9.74	85.83 3.43 -6.25	80.79 3.15 -4.47	78.81 2.98 -3.22	81.26 3.02 -0.69	93.25 3.54 -5.53	139.90 5.14 -18.06	157.61 5.78 -20.54	132.88 4.96 -28.78	100.51 4.78 -17.36	107.80 3.88 -30.70	89.45 4.03 -18.26	94.16 3.73 -26.11	91.35 3.40 -24.97	74.70 3.61 -7.84	88.29 3.75 -16.39	101.72 4.12 -16.80	135.13 5.25 -24.78	153.40 6.40 -28.46	133.58 5.44 -29.26	121.84 4.79 -25.00	103.03 4.17 -17.03	90.16 3.91 -9.65	82.79 3.33 -8.72
ASTORIA_GT_5 24106	94.99 4.06 -9.74	86.28 3.88 -6.25	81.23 3.59 -4.47	79.24 3.41 -3.22	81.80 3.57 -0.69	93.84 4.13 -5.53	140.01 5.25 -18.06	157.22 5.38 -20.54	132.68 4.76 -28.78	100.19 4.47 -17.36	90.73 3.59 -13.92	82.63 3.83 -11.64	77.12 3.47 -9.33	74.38 3.21 -8.19	74.45 3.35 -7.84	81.31 3.61 -9.54	101.80 4.20 -16.80	135.13 5.25 -24.78	153.52 6.52 -28.46	133.67 5.54 -29.26	121.94 4.88 -25.00	103.03 4.17 -17.03	90.55 4.29 -9.65	83.07 3.61 -8.72
ASTORIA_GT_7 24107	94.99 4.06 -9.74	86.28 3.88 -6.25	81.23 3.59 -4.47	79.24 3.41 -3.22	81.80 3.57 -0.69	93.84 4.13 -5.53	140.01 5.25 -18.06	157.22 5.38 -20.54	132.68 4.76 -28.78	100.19 4.47 -17.36	90.73 3.59 -13.92	82.63 3.83 -11.64	77.12 3.47 -9.33	74.38 3.21 -8.19	74.45 3.35 -7.84	81.31 3.61 -9.54	101.80 4.20 -16.80	135.13 5.25 -24.78	153.52 6.52 -28.46	133.67 5.54 -29.26	121.94 4.88 -25.00	103.03 4.17 -17.03	90.55 4.29 -9.65	83.07 3.61 -8.72
ASTORIA_GT_8 24108	94.99 4.06 -9.74	86.28 3.88 -6.25	81.23 3.59 -4.47	79.24 3.41 -3.22	81.80 3.57 -0.69	93.84 4.13 -5.53	140.01 5.25 -18.06	157.22 5.38 -20.54	132.68 4.76 -28.78	100.19 4.47 -17.36	90.73 3.59 -13.92	82.63 3.83 -11.64	77.12 3.47 -9.33	74.38 3.21 -8.19	74.45 3.35 -7.84	81.31 3.61 -9.54	101.80 4.20 -16.80	135.13 5.25 -24.78	153.52 6.52 -28.46	133.67 5.54 -29.26	121.94 4.88 -25.00	103.03 4.17 -17.03	90.55 4.29 -9.65	83.07 3.61 -8.72
ASTORIA___2 24149	94.75 3.82 -9.74	85.91 3.50 -6.26	80.87 3.22 -4.48	78.67 2.83 -3.22	81.42 3.18 -0.70	93.34 3.62 -5.54	140.25 5.49 -18.06	157.47 5.64 -20.54	132.18 4.26 -28.78	99.80 4.07 -17.36	90.95 3.81 -13.92	82.36 3.56 -11.64	77.12 3.47 -9.33	74.44 3.27 -8.19	74.44 3.35 -7.84	81.31 3.61 -9.54	101.72 4.12 -16.80	135.44 5.57 -24.78	153.51 6.52 -28.46	133.97 5.83 -29.26	122.12 5.06 -25.00	102.70 3.85 -17.03	89.86 3.60 -9.65	82.93 3.47 -8.72
ASTORIA___3 23516	94.34 3.41 -9.74	85.52 3.12 -6.25	80.50 2.85 -4.47	78.30 2.47 -3.22	81.02 2.79 -0.69	92.91 3.20 -5.53	139.55 4.79 -18.06	157.35 5.51 -20.54	132.48 4.56 -28.78	100.35 4.62 -17.36	107.87 3.95 -30.70	89.31 3.89 -18.26	94.22 3.79 -26.11	91.48 3.53 -24.97	74.70 3.60 -7.84	88.29 3.75 -16.39	101.88 4.28 -16.80	135.75 5.88 -24.78	153.63 6.63 -28.46	133.97 5.83 -29.26	122.12 5.06 -25.00	103.27 4.42 -17.03	90.24 3.98 -9.65	83.07 3.61 -8.72
ASTORIA___4 23517	94.59 3.65 -9.74	85.83 3.43 -6.25	80.79 3.15 -4.47	78.81 2.98 -3.22	81.26 3.02 -0.69	93.25 3.54 -5.53	139.90 5.14 -18.06	157.61 5.78 -20.54	132.88 4.96 -28.78	100.51 4.78 -17.36	107.80 3.88 -30.70	89.45 4.03 -18.26	94.16 3.73 -26.11	91.35 3.40 -24.97	74.70 3.61 -7.84	88.29 3.75 -16.39	101.72 4.12 -16.80	135.13 5.25 -24.78	153.40 6.40 -28.46	133.58 5.44 -29.26	121.84 4.79 -25.00	103.03 4.17 -17.03	90.16 3.91 -9.65	82.79 3.33 -8.72
ASTORIA___5 23518	94.34 3.41 -9.74	85.52 3.12 -6.25	80.50 2.85 -4.47	78.30 2.47 -3.22	81.02 2.79 -0.69	92.91 3.20 -5.53	139.55 4.79 -18.06	157.35 5.51 -20.54	132.48 4.56 -28.78	100.35 4.62 -17.36	107.87 3.95 -30.70	89.31 3.89 -18.26	94.22 3.79 -26.11	91.48 3.53 -24.97	74.70 3.60 -7.84	88.29 3.75 -16.39	101.88 4.28 -16.80	135.75 5.88 -24.78	153.63 6.63 -28.46	133.97 5.83 -29.26	122.12 5.06 -25.00	103.27 4.42 -17.03	90.24 3.98 -9.65	83.07 3.61 -8.72
AST_ENERGY_2_CC3 323677	93.87 2.92 -9.76	85.15 2.74 -6.26	80.14 2.49 -4.48	77.94 2.11 -3.22	80.64 2.41 -0.69	92.42 2.69 -5.54	138.75 3.97 -18.08	156.59 4.72 -20.57	132.04 4.07 -28.83	99.90 4.15 -17.38	90.67 3.51 -13.94	82.38 3.56 -11.66	77.06 3.41 -9.34	74.33 3.15 -8.20	74.33 3.22 -7.85	81.05 3.34 -9.55	101.43 3.80 -16.83	135.07 5.15 -24.83	152.97 5.92 -28.50	133.51 5.34 -29.30	121.70 4.60 -25.04	102.73 3.85 -17.06	89.72 3.45 -9.66	82.58 3.11 -8.73
AST_ENERGY_2_CC4 323678	93.87 2.92 -9.76	85.15 2.74 -6.26	80.14 2.49 -4.48	77.94 2.11 -3.22	80.64 2.41 -0.69	92.42 2.69 -5.54	138.75 3.97 -18.08	156.59 4.72 -20.57	132.04 4.07 -28.83	99.90 4.15 -17.38	90.67 3.51 -13.94	82.38 3.56 -11.66	77.06 3.41 -9.34	74.33 3.15 -8.20	74.33 3.22 -7.85	81.05 3.34 -9.55	101.43 3.80 -16.83	135.07 5.15 -24.83	152.97 5.92 -28.50	133.51 5.34 -29.30	121.70 4.60 -25.04	102.73 3.85 -17.06	89.72 3.45 -9.66	82.58 3.11 -8.73

ATHENS_STG_1 23668	83.30 2.11 0.00	78.21 2.06 0.00	75.43 1.90 -0.35	74.51 1.67 -0.22	79.40 1.86 0.00	86.84 2.11 -0.55	122.66 2.69 -3.27	134.18 2.88 0.00	101.62 2.48 0.00	80.88 2.51 0.00	75.34 2.12 0.00	69.25 2.08 0.00	66.31 2.00 0.00	64.81 1.83 0.00	65.22 1.96 0.00	70.20 2.04 0.00	83.14 2.34 0.00	109.14 3.15 -0.90	126.50 3.55 -4.41	109.72 3.36 -7.48	99.56 2.95 -4.56	86.37 2.45 -2.09	79.17 2.30 -0.26	73.43 2.20 -0.49
ATHENS_STG_2 23670	83.30 2.11 0.00	78.21 2.06 0.00	75.43 1.90 -0.35	74.51 1.67 -0.22	79.40 1.86 0.00	86.84 2.11 -0.55	122.66 2.69 -3.27	134.18 2.88 0.00	101.62 2.48 0.00	80.88 2.51 0.00	75.34 2.12 0.00	69.25 2.08 0.00	66.31 2.00 0.00	64.81 1.83 0.00	65.22 1.96 0.00	70.20 2.04 0.00	83.14 2.34 0.00	109.14 3.15 -0.90	126.50 3.55 -4.41	109.72 3.36 -7.48	99.56 2.95 -4.56	86.37 2.45 -2.09	79.17 2.30 -0.26	73.43 2.20 -0.49
ATHENS_STG_3 23677	83.30 2.11 0.00	78.21 2.06 0.00	75.43 1.90 -0.35	74.51 1.67 -0.22	79.40 1.86 0.00	86.84 2.11 -0.55	122.66 2.69 -3.27	134.18 2.88 0.00	101.62 2.48 0.00	80.88 2.51 0.00	75.34 2.12 0.00	69.25 2.08 0.00	66.31 2.00 0.00	64.81 1.83 0.00	65.22 1.96 0.00	70.20 2.04 0.00	83.14 2.34 0.00	109.14 3.15 -0.90	126.50 3.55 -4.41	109.72 3.36 -7.48	99.56 2.95 -4.56	86.37 2.45 -2.09	79.17 2.30 -0.26	73.43 2.20 -0.49
AUBURN___LFGE 323710	79.97 -1.22 0.00	74.93 -1.22 0.00	71.86 -1.32 0.00	71.45 -1.16 0.00	76.38 -1.16 0.00	83.34 -0.84 0.00	116.24 -0.47 0.00	130.11 -1.18 0.00	97.85 -1.29 0.00	77.19 -1.18 0.00	71.83 -1.39 0.00	65.75 -1.41 0.00	62.71 -1.61 0.00	61.41 -1.57 0.00	61.54 -1.71 0.00	66.32 -1.84 0.00	79.02 -1.78 0.00	103.41 -1.68 0.00	117.36 -1.19 0.00	98.09 -0.79 0.00	91.04 -1.01 0.00	80.43 -1.39 0.00	75.08 -1.53 0.00	69.19 -1.56 0.00
BABYLON_RES_REC 323704	95.33 4.30 -9.84	86.81 4.34 -6.32	83.92 4.02 -6.72	87.03 3.70 -10.72	87.06 4.11 -5.41	103.33 4.63 -14.52	140.74 5.83 -18.20	157.96 5.91 -20.75	133.68 5.45 -29.09	100.69 4.78 -17.54	91.09 3.81 -14.06	82.68 3.76 -11.76	77.79 4.05 -9.42	75.03 3.78 -8.27	75.28 4.11 -7.92	81.95 4.16 -9.64	102.55 4.77 -16.98	137.37 7.25 -25.04	155.42 8.17 -28.70	136.07 7.72 -29.47	130.45 6.81 -31.58	121.50 5.64 -34.04	97.99 5.06 -16.33	102.37 4.67 -26.96
BABYLON__69_KV_BK2 356345	96.07 5.03 -9.84	87.65 5.18 -6.32	84.79 4.90 -6.71	88.11 4.79 -10.71	87.98 5.04 -5.40	104.50 5.81 -14.51	142.14 7.24 -18.20	159.53 7.48 -20.75	134.67 6.44 -29.09	101.63 5.72 -17.54	91.60 4.32 -14.06	83.29 4.37 -11.76	78.11 4.37 -9.42	75.35 4.09 -8.27	75.54 4.36 -7.92	82.43 4.63 -9.64	103.20 5.41 -16.98	138.43 8.30 -25.04	156.49 9.25 -28.70	137.05 8.70 -29.47	131.55 7.92 -31.58	122.40 6.55 -34.03	98.83 5.90 -16.32	102.93 5.24 -26.95
BALL_HILL_WT_PWR 323825	76.08 -5.11 0.00	70.52 -5.63 0.00	67.76 -5.41 0.00	67.17 -5.45 0.00	72.81 -4.73 0.00	79.80 -4.38 0.00	111.22 -5.48 0.00	124.73 -6.56 0.00	94.58 -4.56 0.00	74.14 -4.23 0.00	69.19 -4.03 0.00	63.47 -3.69 0.00	60.14 -4.18 0.00	58.83 -4.16 0.00	58.70 -4.55 0.00	63.32 -4.84 0.00	74.50 -6.30 0.00	98.47 -6.62 0.00	112.86 -5.69 0.00	93.84 -5.04 0.00	86.44 -5.62 0.00	75.68 -6.14 0.00	71.33 -5.29 0.00	65.93 -4.81 0.00
BARON_WINDS___WT_PWR 323822	78.27 -2.92 0.00	72.88 -3.27 0.00	70.16 -3.14 -0.13	69.50 -3.19 -0.08	74.91 -2.64 0.00	82.19 -2.19 -0.20	115.53 -2.33 -1.16	127.09 -4.21 0.00	95.17 -3.97 0.00	74.61 -3.76 0.00	69.49 -3.73 0.00	63.74 -3.42 0.00	60.65 -3.66 0.00	59.21 -3.78 0.00	59.20 -4.05 0.00	63.87 -4.29 0.00	76.11 -4.69 0.00	100.82 -4.62 -0.35	116.94 -3.32 -1.72	99.03 -2.77 -2.92	90.53 -3.31 -1.78	78.63 -4.01 -0.82	72.89 -3.83 -0.10	67.33 -3.61 -0.19
BARRETT_IC_1 23704	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96
BARRETT_IC_10 23701	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96
BARRETT_IC_11 23702	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96
BARRETT_IC_12 23703	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96
BARRETT_IC_2 23705	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96
BARRETT_IC_3 23706	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96
BARRETT_IC_4 23707	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96

BARRETT_IC_5 23708	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96
BARRETT_IC_6 23709	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96
BARRETT_IC_7 23710	94.85 3.82 -9.84	86.43 3.96 -6.32	83.62 3.73 -6.71	86.81 3.49 -10.71	86.59 3.64 -5.40	102.65 3.96 -14.51	139.57 4.67 -18.20	156.78 4.73 -20.75	132.79 4.56 -29.09	100.45 4.55 -17.54	90.58 3.29 -14.06	82.49 3.56 -11.76	77.34 3.60 -9.42	74.65 3.40 -8.27	74.78 3.61 -7.92	81.41 3.61 -9.64	101.82 4.04 -16.98	135.28 5.15 -25.04	152.82 5.57 -28.70	133.79 5.44 -29.47	128.79 5.16 -31.58	120.27 4.42 -34.03	96.99 4.06 -16.32	101.16 3.47 -26.95
BARRETT_IC_8 23711	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96
BARRETT_IC_9 23700	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96
BARRETT___1 23545	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96
BARRETT___2 23546	94.77 3.74 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.52 3.19 -10.72	86.52 3.57 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.91 4.86 -20.75	132.79 4.56 -29.09	100.29 4.39 -17.54	90.80 3.51 -14.06	82.55 3.62 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	75.03 3.86 -7.92	81.61 3.81 -9.64	101.90 4.12 -16.98	135.80 5.67 -25.04	153.29 6.04 -28.70	134.38 6.03 -29.47	129.07 5.43 -31.58	120.44 4.58 -34.04	97.07 4.13 -16.33	101.45 3.75 -26.96
BATAVIA__115KV_TB1 55881	75.51 -5.68 0.00	70.44 -5.71 0.00	67.32 -5.85 0.00	67.24 -5.37 0.00	72.43 -5.12 0.00	79.13 -5.05 0.00	111.57 -5.14 0.00	124.86 -6.43 0.00	94.58 -4.56 0.00	73.43 -4.94 0.00	68.53 -4.69 0.00	62.66 -4.50 0.00	59.17 -5.15 0.00	58.07 -4.91 0.00	57.88 -5.38 0.00	62.23 -5.93 0.00	73.61 -7.19 0.00	97.10 -7.99 0.00	110.72 -7.82 0.00	92.95 -5.93 0.00	85.70 -6.35 0.00	75.93 -5.89 0.00	71.25 -5.36 0.00	65.93 -4.81 0.00
BAYONEEC___CTG1 323682	93.87 2.92 -9.76	85.15 2.74 -6.26	80.07 2.41 -4.48	77.86 2.03 -3.22	80.56 2.32 -0.69	92.42 2.69 -5.54	130.89 3.97 -10.21	137.03 4.59 -1.14	102.81 4.07 0.39	97.16 4.07 -14.72	86.74 3.44 -10.08	82.31 3.49 -11.66	77.00 3.34 -9.34	74.27 3.09 -8.20	74.33 3.22 -7.85	80.98 3.27 -9.55	87.72 3.72 -3.20	97.35 5.15 12.89	117.12 5.92 7.35	99.90 5.34 4.31	94.54 4.60 2.12	88.57 3.77 -2.98	89.64 3.37 -9.66	82.51 3.04 -8.73
BAYONEEC___CTG10 323750	93.87 2.92 -9.76	85.15 2.74 -6.26	80.07 2.41 -4.48	77.86 2.03 -3.22	80.56 2.32 -0.69	92.42 2.69 -5.54	130.89 3.97 -10.21	137.03 4.59 -1.14	102.81 4.07 0.39	97.16 4.07 -14.72	86.74 3.44 -10.08	82.31 3.49 -11.66	77.00 3.34 -9.34	74.27 3.09 -8.20	74.33 3.22 -7.85	80.98 3.27 -9.55	87.72 3.72 -3.20	97.35 5.15 12.89	117.12 5.92 7.35	99.90 5.34 4.31	94.54 4.60 2.12	88.57 3.77 -2.98	89.64 3.37 -9.66	82.51 3.04 -8.73
BAYONEEC___CTG2 323683	93.87 2.92 -9.76	85.15 2.74 -6.26	80.07 2.41 -4.48	77.86 2.03 -3.22	80.56 2.32 -0.69	92.42 2.69 -5.54	130.89 3.97 -10.21	137.03 4.59 -1.14	102.81 4.07 0.39	97.16 4.07 -14.72	86.74 3.44 -10.08	82.31 3.49 -11.66	77.00 3.34 -9.34	74.27 3.09 -8.20	74.33 3.22 -7.85	80.98 3.27 -9.55	87.72 3.72 -3.20	97.35 5.15 12.89	117.12 5.92 7.35	99.90 5.34 4.31	94.54 4.60 2.12	88.57 3.77 -2.98	89.64 3.37 -9.66	82.51 3.04 -8.73
BAYONEEC___CTG3 323684	93.87 2.92 -9.76	85.15 2.74 -6.26	80.07 2.41 -4.48	77.86 2.03 -3.22	80.56 2.32 -0.69	92.42 2.69 -5.54	130.89 3.97 -10.21	137.03 4.59 -1.14	102.81 4.07 0.39	97.16 4.07 -14.72	86.74 3.44 -10.08	82.31 3.49 -11.66	77.00 3.34 -9.34	74.27 3.09 -8.20	74.33 3.22 -7.85	80.98 3.27 -9.55	87.72 3.72 -3.20	97.35 5.15 12.89	117.12 5.92 7.35	99.90 5.34 4.31	94.54 4.60 2.12	88.57 3.77 -2.98	89.64 3.37 -9.66	82.51 3.04 -8.73
BAYONEEC___CTG4 323685	93.87 2.92 -9.76	85.15 2.74 -6.26	80.07 2.41 -4.48	77.86 2.03 -3.22	80.56 2.32 -0.69	92.42 2.69 -5.54	130.89 3.97 -10.21	137.03 4.59 -1.14	102.81 4.07 0.39	97.16 4.07 -14.72	86.74 3.44 -10.08	82.31 3.49 -11.66	77.00 3.34 -9.34	74.27 3.09 -8.20	74.33 3.22 -7.85	80.98 3.27 -9.55	87.72 3.72 -3.20	97.35 5.15 12.89	117.12 5.92 7.35	99.90 5.34 4.31	94.54 4.60 2.12	88.57 3.77 -2.98	89.64 3.37 -9.66	82.51 3.04 -8.73
BAYONEEC___CTG5 323686	93.87 2.92 -9.76	85.15 2.74 -6.26	80.07 2.41 -4.48	77.86 2.03 -3.22	80.56 2.32 -0.69	92.42 2.69 -5.54	130.89 3.97 -10.21	137.03 4.59 -1.14	102.81 4.07 0.39	97.16 4.07 -14.72	86.74 3.44 -10.08	82.31 3.49 -11.66	77.00 3.34 -9.34	74.27 3.09 -8.20	74.33 3.22 -7.85	80.98 3.27 -9.55	87.72 3.72 -3.20	97.35 5.15 12.89	117.12 5.92 7.35	99.90 5.34 4.31	94.54 4.60 2.12	88.57 3.77 -2.98	89.64 3.37 -9.66	82.51 3.04 -8.73
BAYONEEC___CTG6 323687	93.87 2.92 -9.76	85.15 2.74 -6.26	80.07 2.41 -4.48	77.86 2.03 -3.22	80.56 2.32 -0.69	92.42 2.69 -5.54	130.89 3.97 -10.21	137.03 4.59 -1.14	102.81 4.07 0.39	97.16 4.07 -14.72	86.74 3.44 -10.08	82.31 3.49 -11.66	77.00 3.34 -9.34	74.27 3.09 -8.20	74.33 3.22 -7.85	80.98 3.27 -9.55	87.72 3.72 -3.20	97.35 5.15 12.89	117.12 5.92 7.35	99.90 5.34 4.31	94.54 4.60 2.12	88.57 3.77 -2.98	89.64 3.37 -9.66	82.51 3.04 -8.73

BAYONEEC___CTG7 323688	93.87 2.92 -9.76	85.15 2.74 -6.26	80.07 2.41 -4.48	77.86 2.03 -3.22	80.56 2.32 -0.69	92.42 2.69 -5.54	130.89 3.97 -10.21	137.03 4.59 -1.14	102.81 4.07 0.39	97.16 4.07 -14.72	86.74 3.44 -10.08	82.31 3.49 -11.66	77.00 3.34 -9.34	74.27 3.09 -8.20	74.33 3.22 -7.85	80.98 3.27 -9.55	87.72 3.72 -3.20	97.35 5.15 12.89	117.12 5.92 7.35	99.90 5.34 4.31	94.54 4.60 2.12	88.57 3.77 -2.98	89.64 3.37 -9.66	82.51 3.04 -8.73
BAYONEEC___CTG8 323689	93.87 2.92 -9.76	85.15 2.74 -6.26	80.07 2.41 -4.48	77.86 2.03 -3.22	80.56 2.32 -0.69	92.42 2.69 -5.54	130.89 3.97 -10.21	137.03 4.59 -1.14	102.81 4.07 0.39	97.16 4.07 -14.72	86.74 3.44 -10.08	82.31 3.49 -11.66	77.00 3.34 -9.34	74.27 3.09 -8.20	74.33 3.22 -7.85	80.98 3.27 -9.55	87.72 3.72 -3.20	97.35 5.15 12.89	117.12 5.92 7.35	99.90 5.34 4.31	94.54 4.60 2.12	88.57 3.77 -2.98	89.64 3.37 -9.66	82.51 3.04 -8.73
BAYONEEC___CTG9 323749	93.87 2.92 -9.76	85.15 2.74 -6.26	80.07 2.41 -4.48	77.86 2.03 -3.22	80.56 2.32 -0.69	92.42 2.69 -5.54	130.89 3.97 -10.21	137.03 4.59 -1.14	102.81 4.07 0.39	97.16 4.07 -14.72	86.74 3.44 -10.08	82.31 3.49 -11.66	77.00 3.34 -9.34	74.27 3.09 -8.20	74.33 3.22 -7.85	80.98 3.27 -9.55	87.72 3.72 -3.20	97.35 5.15 12.89	117.12 5.92 7.35	99.90 5.34 4.31	94.54 4.60 2.12	88.57 3.77 -2.98	89.64 3.37 -9.66	82.51 3.04 -8.73
BEACON___LESR 323632	85.17 3.98 0.00	79.88 3.73 0.00	79.10 3.44 -2.48	77.51 3.34 -1.56	81.19 3.65 0.00	92.10 4.04 -3.87	145.35 5.60 -23.05	137.21 5.91 0.00	103.61 4.47 0.00	82.29 3.92 0.00	76.59 3.37 0.00	70.39 3.22 0.00	67.22 2.90 0.00	65.75 2.77 0.00	66.16 2.91 0.00	71.43 3.27 0.00	84.76 3.96 0.00	116.69 5.25 -6.35	155.45 5.92 -30.98	156.52 5.04 -52.60	128.73 4.60 -32.07	100.47 3.93 -14.72	82.30 3.83 -1.86	77.82 3.61 -3.47
BEAVER RIVER___HYD 24048	84.03 2.84 0.00	78.66 2.51 0.00	75.74 2.56 0.00	75.52 2.91 0.00	80.26 2.71 0.00	87.30 3.12 0.00	122.31 5.60 0.00	137.73 6.43 0.00	102.51 3.37 0.00	80.02 1.65 0.00	74.39 1.17 0.00	70.39 3.22 0.00	67.22 2.90 0.00	65.69 2.71 0.00	65.34 2.08 0.00	70.20 2.04 0.00	80.96 0.16 0.00	106.36 1.27 0.00	121.27 2.73 0.00	101.35 2.47 0.00	94.08 2.02 0.00	83.21 1.39 0.00	78.14 1.53 0.00	71.87 1.13 0.00
BEEBEE_GT_13 23619	76.56 -4.63 0.00	71.58 -4.57 0.00	68.42 -4.76 0.00	68.18 -4.43 0.00	73.28 -4.26 0.00	80.06 -4.13 0.00	111.45 -5.25 0.00	124.60 -6.70 0.00	94.58 -4.56 0.00	73.98 -4.39 0.00	69.05 -4.17 0.00	63.27 -3.90 0.00	60.14 -4.18 0.00	59.02 -3.97 0.00	58.95 -4.30 0.00	63.45 -4.70 0.00	75.14 -5.66 0.00	98.57 -6.52 0.00	111.91 -6.64 0.00	93.54 -5.34 0.00	86.53 -5.52 0.00	76.59 -5.24 0.00	71.86 -4.75 0.00	66.43 -4.32 0.00
BENSHRST_27_KV_BENSHRST_1 355998	95.32 4.38 -9.74	86.36 3.96 -6.25	81.31 3.66 -4.47	79.31 3.49 -3.22	81.80 3.57 -0.69	93.92 4.21 -5.53	140.95 6.19 -18.06	159.05 7.22 -20.54	133.87 5.95 -28.78	101.45 5.72 -17.36	208.80 4.76 -130.82	129.77 4.84 -57.77	194.98 4.44 -126.22	192.22 4.16 -125.08	75.50 4.30 -7.94	130.03 4.57 -57.31	102.74 5.09 -16.86	136.44 6.52 -24.84	154.88 7.82 -28.51	134.82 6.62 -29.31	124.45 5.89 -26.50	124.23 5.24 -37.17	91.11 4.75 -9.75	83.60 4.03 -8.82
BETHLEHEM___GRP 23843	84.11 2.92 0.00	78.89 2.74 0.00	78.25 2.63 -2.44	76.69 2.54 -1.53	80.33 2.79 0.00	90.94 2.95 -3.80	143.19 3.85 -22.63	135.37 4.07 0.00	102.21 3.07 0.00	81.35 2.98 0.00	75.64 2.42 0.00	69.58 2.42 0.00	66.44 2.12 0.00	65.00 2.02 0.00	65.40 2.15 0.00	70.54 2.39 0.00	83.63 2.83 0.00	114.90 3.57 -6.24	152.88 3.91 -30.42	154.00 3.46 -51.66	126.77 3.22 -31.49	99.06 2.78 -14.46	81.27 2.83 -1.83	76.77 2.62 -3.41
BETHLEHEM___GS1 323560	84.11 2.92 0.00	78.97 2.82 0.00	78.18 2.56 -2.44	76.61 2.47 -1.53	80.26 2.71 0.00	90.93 2.94 -3.80	143.18 3.85 -22.63	135.23 3.94 0.00	102.22 3.08 0.00	81.27 2.90 0.00	75.71 2.49 0.00	69.58 2.41 0.00	66.57 2.25 0.00	65.06 2.08 0.00	65.46 2.21 0.00	70.61 2.45 0.00	83.62 2.83 0.00	115.00 3.68 -6.24	153.11 4.15 -30.42	154.20 3.66 -51.66	126.86 3.31 -31.49	99.14 2.86 -14.46	81.28 2.84 -1.83	76.91 2.76 -3.41
BETHLEHEM___GS2 323561	84.11 2.92 0.00	78.97 2.82 0.00	78.18 2.56 -2.44	76.61 2.47 -1.53	80.26 2.71 0.00	90.93 2.94 -3.80	143.18 3.85 -22.63	135.23 3.94 0.00	102.22 3.08 0.00	81.27 2.90 0.00	75.71 2.49 0.00	69.58 2.41 0.00	66.57 2.25 0.00	65.06 2.08 0.00	65.46 2.21 0.00	70.61 2.45 0.00	83.62 2.83 0.00	115.00 3.68 -6.24	153.11 4.15 -30.42	154.20 3.66 -51.66	126.86 3.31 -31.49	99.14 2.86 -14.46	81.28 2.84 -1.83	76.91 2.76 -3.41
BETHLEHEM___GS3 323562	84.11 2.92 0.00	78.97 2.82 0.00	78.18 2.56 -2.44	76.61 2.47 -1.53	80.26 2.71 0.00	90.93 2.94 -3.80	143.18 3.85 -22.63	135.23 3.94 0.00	102.22 3.08 0.00	81.27 2.90 0.00	75.71 2.49 0.00	69.58 2.41 0.00	66.57 2.25 0.00	65.06 2.08 0.00	65.46 2.21 0.00	70.61 2.45 0.00	83.62 2.83 0.00	115.00 3.68 -6.24	153.11 4.15 -30.42	154.20 3.66 -51.66	126.86 3.31 -31.49	99.14 2.86 -14.46	81.28 2.84 -1.83	76.91 2.76 -3.41
BETHLEHEM___STEEL 23779	75.51 -5.68 0.00	70.21 -5.94 0.00	67.25 -5.93 0.00	67.17 -5.45 0.00	72.35 -5.20 0.00	78.88 -5.30 0.00	109.82 -6.89 0.00	123.29 -8.01 0.00	93.59 -5.55 0.00	73.04 -5.33 0.00	68.53 -4.69 0.00	62.73 -4.43 0.00	59.49 -4.82 0.00	58.26 -4.72 0.00	58.13 -5.12 0.00	62.43 -5.73 0.00	73.61 -7.19 0.00	96.79 -8.30 0.00	110.13 -8.42 0.00	92.25 -6.62 0.00	85.15 -6.90 0.00	75.28 -6.55 0.00	70.94 -5.67 0.00	65.72 -5.02 0.00
BETHLHEM_115KV_TB1 79974	83.95 2.76 0.00	78.82 2.67 0.00	77.99 2.49 -2.33	76.47 2.40 -1.46	80.18 2.64 0.00	90.59 2.78 -3.63	141.90 3.62 -21.58	135.10 3.81 0.00	102.11 2.97 0.00	81.19 2.82 0.00	75.49 2.27 0.00	69.51 2.35 0.00	66.38 2.06 0.00	64.87 1.89 0.00	65.28 2.02 0.00	70.47 2.32 0.00	83.46 2.67 0.00	114.40 3.36 -5.95	151.35 3.79 -29.01	151.50 3.36 -49.26	125.22 3.13 -30.03	98.31 2.70 -13.78	81.04 2.68 -1.74	76.47 2.48 -3.25
BETHPAGE_CC_5 323564	94.85 3.82 -9.84	86.43 3.96 -6.32	83.55 3.66 -6.72	86.60 3.27 -10.72	86.60 3.65 -5.41	102.66 3.96 -14.52	139.69 4.79 -18.20	156.91 4.86 -20.75	132.89 4.66 -29.09	100.29 4.39 -17.54	90.73 3.44 -14.06	82.42 3.49 -11.76	77.66 3.92 -9.42	74.84 3.59 -8.27	75.09 3.92 -7.92	81.54 3.75 -9.64	102.06 4.28 -16.98	136.43 6.30 -25.04	154.24 6.99 -28.70	135.08 6.73 -29.47	129.54 5.90 -31.58	120.69 4.83 -34.04	97.30 4.36 -16.33	101.74 4.03 -26.96
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	75.83 -5.36 0.00	70.59 -5.56 0.00	67.54 -5.63 0.00	67.46 -5.16 0.00	72.66 -4.89 0.00	79.30 -4.88 0.00	110.40 -6.30 0.00	123.94 -7.35 0.00	94.08 -5.06 0.00	73.43 -4.94 0.00	68.83 -4.39 0.00	63.00 -4.16 0.00	59.75 -4.57 0.00	58.51 -4.47 0.00	58.38 -4.87 0.00	62.70 -5.45 0.00	73.93 -6.87 0.00	97.31 -7.78 0.00	110.72 -7.82 0.00	92.75 -6.13 0.00	85.61 -6.44 0.00	75.60 -6.22 0.00	71.25 -5.36 0.00	65.93 -4.81 0.00

BINGHAMTON___COGEN 23790	80.46 -0.73 0.00	75.31 -0.84 0.00	72.50 -0.88 -0.20	71.94 -0.80 -0.13	76.85 -0.70 0.00	84.07 -0.42 -0.31	118.44 -0.12 -1.85	130.64 -0.66 0.00	98.54 -0.59 0.00	77.67 -0.71 0.00	72.27 -0.95 0.00	66.22 -0.94 0.00	63.22 -1.09 0.00	61.79 -1.20 0.00	61.99 -1.27 0.00	66.79 -1.36 0.00	79.34 -1.45 0.00	104.26 -1.37 -0.53	120.43 -0.71 -2.59	102.89 -0.40 -4.41	94.01 -0.74 -2.69	81.99 -1.06 -1.23	75.69 -1.07 -0.16	69.97 -1.06 -0.29
BIXINCNT_115KV_LOAD 355685	76.89 -4.30 0.00	71.58 -4.57 0.00	68.64 -4.54 0.00	68.55 -4.07 0.00	73.82 -3.72 0.00	80.65 -3.54 0.00	112.62 -4.08 0.00	126.57 -4.73 0.00	95.87 -3.27 0.00	74.77 -3.61 0.00	69.93 -3.29 0.00	64.01 -3.16 0.00	60.59 -3.73 0.00	59.27 -3.72 0.00	59.14 -4.11 0.00	63.52 -4.63 0.00	75.06 -5.74 0.00	99.17 -6.20 -0.28	114.12 -5.81 -1.39	96.69 -4.55 -2.36	88.43 -5.06 -1.44	77.00 -5.48 -0.66	71.64 -5.06 -0.08	66.23 -4.67 -0.16
BLACK RIVER___HYD 24047	85.09 3.90 0.00	79.58 3.43 0.00	76.55 3.37 0.00	76.31 3.70 0.00	81.34 3.80 0.00	88.64 4.46 0.00	124.75 8.05 0.00	140.23 8.93 0.00	104.29 5.15 0.00	80.95 2.58 0.00	74.91 1.69 0.00	69.98 2.82 0.00	66.70 2.38 0.00	65.13 2.14 0.00	64.83 1.58 0.00	69.79 1.63 0.00	81.77 0.97 0.00	108.03 2.94 0.00	124.00 5.46 0.00	103.82 4.94 0.00	96.29 4.24 0.00	84.85 3.03 0.00	79.22 2.61 0.00	72.66 1.91 0.00
BLACKRVR_115KV_TB2 79977	85.01 3.82 0.00	79.58 3.43 0.00	76.47 3.29 0.00	76.17 3.56 0.00	81.34 3.80 0.00	88.56 4.38 0.00	124.64 7.94 0.00	140.09 8.80 0.00	104.20 5.06 0.00	80.88 2.51 0.00	76.51 3.29 0.00	68.51 1.34 0.00	66.76 2.44 0.00	65.19 2.20 0.00	64.90 1.64 0.00	69.18 1.02 0.00	81.77 0.97 0.00	108.03 2.94 0.00	123.88 5.33 0.00	103.82 4.94 0.00	96.38 4.33 0.00	84.93 3.11 0.00	79.22 2.60 0.00	74.28 3.54 0.00
BLISS_WT_PWR 323608	77.13 -4.06 0.00	71.50 -4.65 0.00	68.79 -4.39 0.00	68.26 -4.35 0.00	73.98 -3.57 0.00	81.16 -3.03 0.00	113.44 -3.27 0.00	127.22 -4.07 0.00	96.36 -2.78 0.00	75.47 -2.90 0.00	70.36 -2.86 0.00	64.47 -2.69 0.00	60.97 -3.35 0.00	59.58 -3.40 0.00	59.46 -3.79 0.00	64.07 -4.09 0.00	75.55 -5.25 0.00	100.12 -5.25 -0.28	115.90 -4.03 -1.39	97.68 -3.56 -2.36	88.98 -4.51 -1.44	76.84 -5.64 -0.66	71.56 -5.13 -0.08	66.02 -4.88 -0.16
BLUESTONE___WT_PWR 323821	85.82 4.63 0.00	80.34 4.19 0.00	77.50 3.95 -0.37	76.91 4.06 -0.23	82.27 4.73 0.00	90.40 5.64 -0.58	129.34 9.22 -3.42	141.15 9.85 0.00	105.88 6.74 0.00	82.84 4.46 0.00	76.66 3.44 0.00	69.98 2.82 0.00	66.63 2.31 0.00	65.13 2.14 0.00	65.34 2.08 0.00	70.61 2.45 0.00	84.60 3.80 0.00	112.57 6.52 -0.96	132.00 8.77 -4.69	113.96 7.12 -7.96	102.98 6.07 -4.85	88.46 4.42 -2.23	80.65 3.75 -0.28	74.24 2.97 -0.52
BLUE_CIRC_CHEM_DRP 24182	84.19 3.00 0.00	79.04 2.89 0.00	77.66 2.63 -1.84	76.38 2.61 -1.16	80.49 2.95 0.00	90.09 3.03 -2.88	137.66 3.85 -17.11	135.37 4.07 0.00	101.92 2.78 0.00	80.88 2.51 0.00	75.12 1.90 0.00	69.11 1.95 0.00	65.99 1.67 0.00	64.56 1.57 0.00	64.96 1.71 0.00	70.20 2.04 0.00	83.30 2.50 0.00	113.06 3.26 -4.71	145.22 3.67 -23.00	141.19 3.26 -39.05	118.90 3.04 -23.81	95.37 2.62 -10.93	80.67 2.68 -1.38	75.87 2.55 -2.58
BOC_GAS_DRP 24189	83.22 2.03 0.00	78.05 1.90 0.00	76.71 1.83 -1.70	75.42 1.74 -1.07	79.40 1.86 0.00	88.85 2.02 -2.65	135.01 2.57 -15.74	133.92 2.63 0.00	101.32 2.18 0.00	80.56 2.19 0.00	74.90 1.68 0.00	68.98 1.81 0.00	65.93 1.61 0.00	64.43 1.45 0.00	64.83 1.58 0.00	69.86 1.70 0.00	82.74 1.94 0.00	111.84 2.42 -4.34	142.43 2.73 -21.16	137.28 2.47 -35.93	116.26 2.30 -21.91	93.84 1.96 -10.05	79.87 1.99 -1.27	74.95 1.84 -2.37
BOONVILLE_115KV_TB1 79983	83.71 2.52 0.00	78.51 2.36 0.00	75.37 2.20 0.00	74.94 2.32 0.00	80.10 2.56 0.00	87.13 2.95 0.00	121.61 4.90 0.00	136.94 5.65 0.00	102.81 3.67 0.00	80.64 2.27 0.00	75.78 2.56 0.00	68.71 1.54 0.00	66.38 2.06 0.00	64.94 1.95 0.00	64.90 1.64 0.00	69.52 1.36 0.00	82.41 1.62 0.00	107.93 2.84 0.00	122.57 4.03 0.00	102.24 3.36 0.00	94.91 2.85 0.00	84.03 2.21 0.00	78.53 1.92 0.00	73.01 2.26 0.00
BORALEX_4TH_BRANCH 23824	85.25 4.06 0.00	80.03 3.88 0.00	80.26 3.81 -3.27	78.37 3.70 -2.06	81.50 3.95 0.00	93.41 4.13 -5.10	152.10 5.02 -30.37	136.68 5.38 0.00	103.60 4.46 0.00	82.76 4.39 0.00	76.88 3.66 0.00	70.79 3.63 0.00	67.60 3.28 0.00	66.13 3.15 0.00	66.60 3.35 0.00	71.84 3.68 0.00	85.16 4.36 0.00	118.92 5.46 -8.37	165.05 5.69 -40.82	173.43 5.24 -69.31	139.19 4.88 -42.26	105.72 4.50 -19.40	83.51 4.44 -2.46	79.42 4.10 -4.57
BOWLINE___1 23526	66.62 1.54 16.11	67.34 1.52 10.34	68.30 1.32 6.20	69.06 1.02 4.57	77.64 1.24 1.14	78.33 1.43 7.29	99.90 1.98 18.79	99.66 2.37 34.00	53.86 2.38 47.65	52.22 2.58 28.73	52.23 2.05 23.04	50.03 2.15 19.28	51.01 2.12 15.43	51.33 1.89 13.54	52.30 2.02 12.97	54.35 1.98 15.79	55.42 2.42 27.80	70.41 3.26 37.95	90.18 3.79 32.16	79.37 3.55 23.07	69.09 2.95 25.92	63.12 2.37 21.08	63.63 2.07 15.05	59.84 1.84 12.74
BOWLINE___2 23595	66.62 1.54 16.11	67.33 1.52 10.34	68.30 1.32 6.20	69.06 1.02 4.57	77.64 1.24 1.14	78.33 1.43 7.29	99.90 1.98 18.79	99.66 2.37 34.01	53.96 2.48 47.66	52.30 2.67 28.74	52.30 2.12 23.04	50.09 2.21 19.29	51.07 2.19 15.44	51.39 1.95 13.55	52.30 2.02 12.98	54.41 2.04 15.79	55.41 2.42 27.81	70.40 3.26 37.95	90.17 3.79 32.17	79.36 3.55 23.07	69.08 2.95 25.92	63.11 2.37 21.09	63.63 2.07 15.05	59.91 1.91 12.75
BRADY___115KV_TB2 356060	83.79 2.60 0.00	78.74 2.59 0.00	76.03 2.85 0.00	75.30 2.69 0.00	80.18 2.64 0.00	89.40 5.22 0.00	124.76 8.05 0.00	139.83 8.53 0.00	102.21 3.07 0.00	79.94 1.57 0.00	82.01 8.79 0.00	69.65 2.49 0.00	72.49 8.17 0.00	70.98 8.00 0.00	70.65 7.40 0.00	72.93 4.77 0.00	81.85 1.05 0.00	107.40 2.31 0.00	122.57 4.03 0.00	102.93 4.05 0.00	95.55 3.50 0.00	84.93 3.11 0.00	81.21 4.60 0.00	81.50 10.75 0.00
BRANSCOMB___SOLAR 323811	86.63 5.44 0.00	81.33 5.18 0.00	82.47 4.98 -4.32	80.19 4.87 -2.71	82.82 5.28 0.00	96.86 5.98 -6.70	165.02 8.29 -40.02	140.48 9.19 0.00	105.68 6.54 0.00	83.54 5.17 0.00	77.54 4.32 0.00	71.12 3.96 0.00	67.79 3.47 0.00	66.26 3.27 0.00	66.79 3.54 0.00	72.31 4.16 0.00	86.29 5.50 0.00	123.76 7.67 -11.01	181.13 8.90 -53.70	197.48 7.42 -91.18	154.36 6.72 -55.59	113.23 5.89 -25.51	85.28 5.44 -3.23	81.78 5.02 -6.02
BRENTWOD_69_KV_W. BRTWOOD 56703	95.66 4.63 -9.84	87.26 4.80 -6.32	84.50 4.61 -6.71	87.75 4.43 -10.71	87.60 4.65 -5.40	104.08 5.39 -14.51	141.44 6.54 -18.20	158.75 6.70 -20.75	134.08 5.85 -29.09	101.24 5.33 -17.54	91.31 4.03 -14.06	83.02 4.12 -11.76	77.85 4.12 -9.42	75.16 3.91 -8.27	75.28 4.11 -7.92	82.16 4.36 -9.64	102.87 5.09 -16.98	138.01 7.88 -25.04	155.78 8.54 -28.70	136.56 8.21 -29.47	131.00 7.36 -31.58	121.91 6.05 -34.03	98.45 5.52 -16.32	102.65 4.95 -26.95

BRISTLHL_115KV_TB1 79998	80.54 -0.65 0.00	75.39 -0.76 0.00	72.37 -0.80 0.00	71.89 -0.73 0.00	76.85 -0.70 0.00	83.85 -0.34 0.00	117.05 0.35 0.00	130.90 -0.39 0.00	98.54 -0.59 0.00	77.35 -1.02 0.00	72.05 -1.17 0.00	65.75 -1.41 0.00	62.84 -1.48 0.00	61.41 -1.57 0.00	61.54 -1.71 0.00	66.32 -1.84 0.00	79.02 -1.78 0.00	103.41 -1.68 0.00	117.60 -0.95 0.00	98.19 -0.69 0.00	91.14 -0.92 0.00	80.59 -1.23 0.00	75.15 -1.46 0.00	69.47 -1.27 0.00
BROOKHAVEN___DRP 24191	95.01 3.98 -9.84	86.66 4.19 -6.32	83.91 4.02 -6.71	87.24 3.92 -10.71	87.05 4.11 -5.40	103.58 4.88 -14.51	140.74 5.84 -18.20	157.96 5.91 -20.75	133.38 5.16 -29.09	100.45 4.55 -17.54	90.51 3.22 -14.06	82.22 3.29 -11.76	77.21 3.47 -9.42	74.53 3.28 -8.27	74.71 3.54 -7.92	81.54 3.75 -9.64	102.14 4.36 -16.98	137.49 7.36 -25.04	155.07 7.82 -28.70	136.16 7.81 -29.47	130.63 7.00 -31.58	121.58 5.73 -34.03	98.06 5.13 -16.32	102.58 4.88 -26.95
BROOKLYN_NAVY_YARD 23515	93.86 2.92 -9.75	85.15 2.74 -6.26	80.21 2.56 -4.48	78.01 2.18 -3.22	80.71 2.48 -0.69	92.42 2.69 -5.54	138.86 4.08 -18.08	156.73 4.86 -20.57	132.23 4.26 -28.83	100.06 4.31 -17.38	90.82 3.66 -13.94	82.58 3.76 -11.66	77.19 3.54 -9.34	74.45 3.27 -8.20	74.51 3.41 -7.85	81.18 3.47 -9.55	101.51 3.88 -16.83	135.28 5.36 -24.83	153.32 6.28 -28.50	133.81 5.63 -29.30	121.88 4.78 -25.04	102.88 4.01 -17.05	89.87 3.60 -9.66	82.66 3.19 -8.73
BROOKLYN___ARMY_DRP 323595	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
BROOKVLE_69_KV_TB1 55790	95.58 4.55 -9.84	87.04 4.57 -6.32	84.21 4.32 -6.71	87.46 4.14 -10.71	87.29 4.34 -5.40	103.66 4.97 -14.51	141.20 6.30 -18.20	158.75 6.70 -20.75	134.18 5.95 -29.09	101.39 5.49 -17.54	91.60 4.32 -14.06	83.29 4.37 -11.76	78.05 4.31 -9.42	75.28 4.03 -8.27	75.41 4.24 -7.92	82.22 4.43 -9.64	102.87 5.09 -16.98	137.17 7.04 -25.04	155.19 7.94 -28.70	135.57 7.22 -29.47	130.26 6.63 -31.58	121.33 5.48 -34.03	98.06 5.13 -16.32	102.08 4.39 -26.95
BROOME_2_LFGE 323671	80.54 -0.65 0.00	75.24 -0.91 0.00	72.50 -0.87 -0.20	71.79 -0.95 -0.13	76.92 -0.62 0.00	84.16 -0.34 -0.31	118.56 0.00 -1.85	130.64 -0.65 0.00	98.55 -0.59 0.00	77.74 -0.63 0.00	72.42 -0.80 0.00	66.36 -0.80 0.00	63.29 -1.03 0.00	61.91 -1.07 0.00	62.12 -1.14 0.00	66.93 -1.22 0.00	79.50 -1.30 0.00	104.67 -0.95 -0.53	121.02 -0.12 -2.59	103.28 0.00 -4.41	94.28 -0.46 -2.69	82.08 -0.98 -1.23	75.77 -1.00 -0.16	70.04 -0.99 -0.29
BROOME___LFGE 323600	80.54 -0.65 0.00	75.24 -0.91 0.00	72.50 -0.87 -0.20	71.79 -0.95 -0.13	76.92 -0.62 0.00	84.16 -0.34 -0.31	118.56 0.00 -1.85	130.64 -0.65 0.00	98.55 -0.59 0.00	77.74 -0.63 0.00	72.42 -0.80 0.00	66.36 -0.80 0.00	63.29 -1.03 0.00	61.91 -1.07 0.00	62.12 -1.14 0.00	66.93 -1.22 0.00	79.50 -1.30 0.00	104.67 -0.95 -0.53	121.02 -0.12 -2.59	103.28 0.00 -4.41	94.28 -0.46 -2.69	82.08 -0.98 -1.23	75.77 -1.00 -0.16	70.04 -0.99 -0.29
BROWNFLS_115KV_TB_3_5 80003	83.30 2.11 0.00	78.21 2.06 0.00	75.30 2.12 0.00	74.72 2.11 0.00	79.56 2.02 0.00	86.29 2.10 0.00	120.32 3.62 0.00	135.50 4.20 0.00	100.53 1.39 0.00	78.84 0.47 0.00	78.42 5.20 0.00	68.24 1.07 0.00	69.08 4.76 0.00	67.65 4.66 0.00	67.30 4.05 0.00	70.27 2.11 0.00	80.31 -0.48 0.00	105.09 0.00 0.00	119.37 0.83 0.00	99.77 0.89 0.00	92.52 0.46 0.00	82.15 0.33 0.00	77.91 1.30 0.00	76.26 5.52 0.00
BROWNSV1_27_KV_LOAD 356125	94.68 3.73 -9.76	85.84 3.43 -6.26	80.80 3.15 -4.48	78.81 2.98 -3.22	81.33 3.10 -0.69	93.34 3.62 -5.54	140.15 5.37 -18.08	158.04 6.17 -20.57	133.23 5.25 -28.83	100.77 5.02 -17.38	91.26 4.10 -13.94	83.05 4.23 -11.66	77.51 3.86 -9.34	74.77 3.59 -8.20	74.83 3.73 -7.85	81.66 3.95 -9.55	102.08 4.44 -16.83	135.70 5.78 -24.83	153.92 6.88 -28.50	134.11 5.93 -29.30	122.34 5.25 -25.04	103.30 4.42 -17.06	90.25 3.98 -9.66	82.87 3.40 -8.73
BURROWS___LYONSDAL 23803	83.79 2.60 0.00	78.59 2.44 0.00	75.45 2.27 0.00	75.01 2.40 0.00	80.18 2.64 0.00	87.22 3.03 0.00	121.72 5.02 0.00	137.07 5.78 0.00	102.71 3.57 0.00	80.56 2.19 0.00	76.00 2.78 0.00	68.64 1.48 0.00	66.57 2.25 0.00	65.13 2.14 0.00	64.90 1.64 0.00	69.38 1.23 0.00	82.01 1.21 0.00	107.61 2.52 0.00	122.22 3.67 0.00	102.04 3.16 0.00	94.73 2.67 0.00	83.79 1.96 0.00	78.37 1.76 0.00	73.08 2.33 0.00
CAITHNESS_CC_1 323624	94.93 3.90 -9.84	86.51 4.03 -6.32	83.70 3.80 -6.72	86.89 3.56 -10.72	86.90 3.95 -5.41	103.33 4.63 -14.52	140.50 5.60 -18.20	157.82 5.77 -20.75	133.38 5.15 -29.09	100.29 4.39 -17.54	90.65 3.37 -14.06	82.15 3.22 -11.76	77.53 3.79 -9.42	74.65 3.40 -8.27	74.97 3.79 -7.92	81.68 3.88 -9.64	102.22 4.44 -16.98	137.70 7.57 -25.04	155.54 8.30 -28.70	136.46 8.11 -29.47	130.73 7.09 -31.58	121.59 5.73 -34.04	97.99 5.06 -16.33	102.73 5.02 -26.96
CALPINE BETH_PAGE_GT4 24209	94.85 3.82 -9.84	86.43 3.96 -6.32	83.62 3.73 -6.71	86.88 3.56 -10.71	86.67 3.72 -5.40	102.99 4.29 -14.51	139.57 4.67 -18.20	156.64 4.60 -20.75	132.69 4.46 -29.09	100.30 4.39 -17.54	90.51 3.22 -14.06	82.35 3.43 -11.76	77.15 3.41 -9.42	74.40 3.15 -8.27	74.59 3.42 -7.92	81.34 3.54 -9.64	101.82 4.04 -16.98	135.80 5.67 -25.04	153.53 6.28 -28.70	134.38 6.03 -29.47	129.06 5.43 -31.58	120.35 4.50 -34.03	97.14 4.21 -16.32	101.31 3.61 -26.95
CALPINE_BETH_PAGE_GT_4 323586	94.85 3.82 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.60 3.27 -10.72	86.60 3.65 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.77 4.72 -20.75	132.79 4.56 -29.09	100.14 4.23 -17.54	90.65 3.37 -14.06	82.28 3.36 -11.76	77.66 3.92 -9.42	74.84 3.59 -8.27	75.09 3.92 -7.92	81.47 3.68 -9.64	101.90 4.12 -16.98	136.22 6.09 -25.04	154.00 6.75 -28.70	134.87 6.52 -29.47	129.35 5.71 -31.58	120.60 4.74 -34.04	97.23 4.29 -16.33	101.59 3.89 -26.96
CALPINE_BP_GT1 23823	94.85 3.82 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.60 3.27 -10.72	86.60 3.65 -5.41	102.49 3.79 -14.52	139.58 4.67 -18.20	156.77 4.72 -20.75	132.79 4.56 -29.09	100.14 4.23 -17.54	90.65 3.37 -14.06	82.28 3.36 -11.76	77.66 3.92 -9.42	74.84 3.59 -8.27	75.09 3.92 -7.92	81.47 3.68 -9.64	101.90 4.12 -16.98	136.22 6.09 -25.04	154.00 6.75 -28.70	134.87 6.52 -29.47	129.35 5.71 -31.58	120.60 4.74 -34.04	97.23 4.29 -16.33	101.59 3.89 -26.96
CALSPAN___DRP 24200	75.51 -5.68 0.00	70.21 -5.94 0.00	67.25 -5.93 0.00	67.17 -5.45 0.00	72.35 -5.20 0.00	78.88 -5.30 0.00	117.67 -6.89 -7.85	141.75 -8.01 -18.47	122.76 -5.55 -29.17	75.70 -5.33 -2.66	72.39 -4.69 -3.86	62.73 -4.43 0.00	59.49 -4.82 0.00	58.26 -4.72 0.00	58.13 -5.12 0.00	62.43 -5.73 0.00	87.21 -7.19 -13.61	134.44 -8.30 -37.66	145.91 -8.42 -35.79	125.81 -6.62 -33.55	112.26 -6.90 -27.11	89.33 -6.55 -14.05	70.94 -5.67 0.00	65.72 -5.02 0.00

CALVERTON___SOLAR 323806	95.17 4.14 -9.84	86.74 4.26 -6.32	83.92 4.02 -6.72	87.10 3.77 -10.72	87.21 4.26 -5.41	103.67 4.97 -14.52	140.97 6.06 -18.20	158.35 6.30 -20.75	133.68 5.45 -29.09	100.45 4.54 -17.54	90.80 3.51 -14.06	82.28 3.36 -11.76	77.66 3.92 -9.42	74.78 3.53 -8.27	75.09 3.92 -7.92	81.81 4.02 -9.64	102.38 4.60 -16.98	138.11 7.98 -25.04	156.14 8.90 -28.70	136.95 8.60 -29.47	131.19 7.55 -31.58	122.00 6.14 -34.04	98.30 5.36 -16.33	103.15 5.45 -26.96
CANDIGU_WT_PWR 323617	78.27 -2.92 0.00	72.88 -3.27 0.00	70.16 -3.14 -0.13	69.50 -3.19 -0.08	74.91 -2.64 0.00	82.19 -2.19 -0.20	115.53 -2.33 -1.16	127.09 -4.21 0.00	95.17 -3.97 0.00	74.61 -3.76 0.00	69.49 -3.73 0.00	63.74 -3.42 0.00	60.65 -3.66 0.00	59.21 -3.78 0.00	59.20 -4.05 0.00	63.87 -4.29 0.00	76.11 -4.69 0.00	100.82 -4.62 -0.35	116.94 -3.32 -1.72	99.03 -2.77 -2.92	90.53 -3.31 -1.78	78.63 -4.01 -0.82	72.89 -3.83 -0.10	67.33 -3.61 -0.19
CARR STREET_E_SYR 24060	79.08 -2.11 0.00	74.02 -2.13 0.00	71.05 -2.12 0.00	70.44 -2.18 0.00	75.45 -2.09 0.00	82.33 -1.85 0.00	114.61 -2.10 0.00	128.02 -3.28 0.00	96.67 -2.47 0.00	76.18 -2.19 0.00	70.95 -2.27 0.00	65.01 -2.15 0.00	62.07 -2.25 0.00	60.78 -2.21 0.00	60.91 -2.34 0.00	65.71 -2.45 0.00	78.13 -2.66 0.00	102.15 -2.94 0.00	115.82 -2.72 0.00	96.61 -2.27 0.00	89.66 -2.39 0.00	79.20 -2.62 0.00	74.01 -2.60 0.00	68.27 -2.48 0.00
CARTHAGE___PAPER 23857	84.27 3.08 0.00	78.89 2.74 0.00	75.96 2.78 0.00	75.73 3.12 0.00	80.56 3.02 0.00	87.64 3.45 0.00	123.12 6.41 0.00	138.64 7.35 0.00	103.00 3.86 0.00	80.25 1.88 0.00	74.39 1.17 0.00	70.05 2.89 0.00	66.82 2.51 0.00	65.32 2.33 0.00	64.96 1.71 0.00	69.86 1.70 0.00	81.12 0.32 0.00	106.87 1.78 0.00	122.34 3.79 0.00	102.43 3.55 0.00	95.09 3.03 0.00	84.03 2.21 0.00	78.68 2.07 0.00	72.16 1.41 0.00
CASSADAGA_WT_PWR 323784	77.38 -3.81 0.00	71.73 -4.42 0.00	69.01 -4.17 0.00	68.26 -4.35 0.00	73.98 -3.57 0.00	81.07 -3.11 0.00	113.44 -3.27 0.00	127.62 -3.68 0.00	96.67 -2.47 0.00	75.63 -2.75 0.00	70.59 -2.63 0.00	64.68 -2.48 0.00	61.10 -3.21 0.00	59.71 -3.28 0.00	59.52 -3.73 0.00	64.27 -3.88 0.00	75.71 -5.09 0.00	101.10 -3.99 0.00	116.05 -2.50 0.00	98.50 -2.37 -2.00	90.16 -3.31 -1.42	77.40 -4.42 0.00	72.78 -3.83 0.00	67.14 -3.61 0.00
CE_DUNWOOD___DRP 24194	94.67 2.84 -10.64	85.64 2.67 -6.83	80.51 2.49 -4.84	78.42 2.32 -3.49	80.70 2.40 -0.75	92.94 2.78 -5.97	139.99 3.97 -19.32	158.19 4.46 -22.43	134.65 4.06 -31.44	101.25 3.92 -18.96	91.50 3.08 -15.20	83.17 3.29 -12.71	77.52 3.02 -10.18	74.63 2.71 -8.94	74.72 2.91 -8.56	81.64 3.07 -10.42	102.63 3.47 -18.36	136.58 4.52 -26.97	154.43 5.33 -30.55	134.58 4.65 -31.05	122.96 4.14 -26.76	103.61 3.44 -18.35	90.25 3.14 -10.50	82.82 2.62 -9.46
CE_MILLWOOD___DRP 24193	138.34 2.52 -54.63	113.57 2.36 -35.06	98.32 2.20 -22.95	91.43 2.11 -16.71	83.50 2.09 -3.86	114.34 2.44 -27.72	201.83 3.50 -81.63	250.43 3.94 -115.20	264.18 3.57 -161.47	179.33 3.61 -97.35	154.07 2.78 -78.07	135.35 2.96 -65.23	119.31 2.70 -52.29	111.27 2.39 -45.90	109.80 2.59 -43.96	124.38 2.73 -53.50	178.21 3.15 -94.27	242.81 4.10 -133.62	256.48 4.74 -133.20	222.36 4.25 -119.23	208.71 3.77 -112.88	167.81 3.03 -82.97	131.94 2.83 -52.49	119.00 2.33 -45.92
CE_NYC2_DRP 24202	94.59 3.65 -9.74	85.75 3.35 -6.25	80.72 3.07 -4.47	78.73 2.90 -3.22	81.26 3.02 -0.69	93.25 3.54 -5.53	139.90 5.14 -18.06	157.61 5.78 -20.54	132.98 5.06 -28.78	100.59 4.86 -17.36	107.80 3.88 -30.70	89.45 4.03 -18.26	94.16 3.73 -26.11	91.42 3.46 -24.97	74.70 3.61 -7.84	88.36 3.82 -16.39	101.80 4.20 -16.80	135.23 5.36 -24.78	153.40 6.40 -28.46	133.67 5.54 -29.26	121.94 4.88 -25.00	103.11 4.25 -17.03	90.16 3.91 -9.65	82.79 3.33 -8.72
CE_NYC_DRP 24195	94.20 3.25 -9.76	85.46 3.05 -6.26	80.44 2.78 -4.48	78.38 2.54 -3.22	80.87 2.64 -0.69	92.76 3.03 -5.54	139.34 4.55 -18.08	157.13 5.25 -20.58	132.55 4.56 -28.85	100.23 4.47 -17.39	90.76 3.59 -13.95	82.59 3.76 -11.67	77.13 3.47 -9.34	74.33 3.15 -8.20	74.39 3.29 -7.85	81.19 3.48 -9.56	101.52 3.88 -16.84	134.98 5.04 -24.84	152.98 5.93 -28.51	133.33 5.14 -29.31	121.71 4.60 -25.05	102.65 3.76 -17.07	89.72 3.45 -9.66	82.38 2.90 -8.73
CHAFFEE___LFGE 323603	75.99 -5.20 0.00	70.36 -5.79 0.00	67.61 -5.56 0.00	67.02 -5.59 0.00	72.74 -4.81 0.00	79.72 -4.46 0.00	111.22 -5.48 0.00	124.60 -6.69 0.00	94.58 -4.56 0.00	74.06 -4.31 0.00	69.19 -4.03 0.00	63.47 -3.69 0.00	60.07 -4.25 0.00	58.83 -4.16 0.00	58.70 -4.55 0.00	63.32 -4.84 0.00	74.50 -6.30 0.00	98.36 -6.73 0.00	112.86 -5.69 0.00	93.73 -5.15 0.00	86.35 -5.71 0.00	75.68 -6.14 0.00	71.33 -5.29 0.00	65.93 -4.81 0.00
CHATEAUG_35_KV_LOAD 355732	82.65 1.46 0.00	77.75 1.60 0.00	74.94 1.76 0.00	74.36 1.74 0.00	79.33 1.78 0.00	85.19 1.01 0.00	117.40 0.70 0.00	132.48 1.18 0.00	99.44 0.30 0.00	78.84 0.47 0.00	75.27 2.05 0.00	68.57 1.41 0.00	66.31 1.99 0.00	65.13 2.14 0.00	65.15 1.90 0.00	70.00 1.84 0.00	82.33 1.54 0.00	106.98 1.89 0.00	119.97 1.42 0.00	99.57 0.69 0.00	92.70 0.64 0.00	82.56 0.74 0.00	77.30 0.69 0.00	72.16 1.41 0.00
CHATEAUG_WT_PWR 323614	82.57 1.38 0.00	77.67 1.52 0.00	74.86 1.68 0.00	74.87 2.25 0.00	79.25 1.70 0.00	84.78 0.59 0.00	116.47 -0.23 0.00	131.56 0.26 0.00	98.84 -0.30 0.00	78.69 0.31 0.00	73.88 0.66 0.00	67.97 0.81 0.00	65.22 0.90 0.00	64.05 1.07 0.00	64.20 0.95 0.00	69.04 0.88 0.00	81.20 0.41 0.00	104.04 -1.05 0.00	116.64 -1.90 0.00	96.70 -2.18 0.00	90.58 -1.48 0.00	81.74 -0.08 0.00	77.00 0.38 0.00	71.24 0.50 0.00
CHAT_HIGH_FALL_HYD 323578	82.65 1.46 0.00	77.75 1.60 0.00	74.94 1.76 0.00	74.36 1.74 0.00	79.33 1.78 0.00	85.19 1.01 0.00	117.40 0.70 0.00	132.48 1.18 0.00	99.44 0.30 0.00	78.84 0.47 0.00	75.27 2.05 0.00	68.57 1.41 0.00	66.31 1.99 0.00	65.13 2.14 0.00	65.15 1.90 0.00	70.00 1.84 0.00	82.33 1.54 0.00	106.98 1.89 0.00	119.97 1.42 0.00	99.57 0.69 0.00	92.70 0.64 0.00	82.56 0.74 0.00	77.30 0.69 0.00	72.16 1.41 0.00
CHAUTAUQUA___LFGE 323629	76.88 -4.31 0.00	71.28 -4.88 0.00	68.49 -4.68 0.00	67.89 -4.72 0.00	73.59 -3.95 0.00	80.65 -3.53 0.00	112.62 -4.09 0.00	126.31 -4.99 0.00	95.77 -3.37 0.00	75.00 -3.37 0.00	70.00 -3.22 0.00	64.21 -2.95 0.00	60.78 -3.54 0.00	59.40 -3.59 0.00	59.27 -3.98 0.00	63.93 -4.23 0.00	75.22 -5.57 0.00	99.73 -5.36 0.00	114.39 -4.15 0.00	95.22 -3.66 0.00	87.64 -4.42 0.00	76.58 -5.24 0.00	72.09 -4.52 0.00	66.57 -4.17 0.00
CHERRYST_13_KV_LD 356241	94.44 3.49 -9.76	85.61 3.20 -6.26	80.58 2.93 -4.48	78.60 2.76 -3.22	81.10 2.87 -0.69	93.01 3.28 -5.54	139.81 5.02 -18.08	157.52 5.65 -20.58	132.94 4.96 -28.85	100.54 4.78 -17.39	91.05 3.88 -13.95	82.86 4.03 -11.66	77.33 3.67 -9.34	74.58 3.40 -8.20	74.65 3.54 -7.85	81.46 3.75 -9.56	101.76 4.12 -16.84	135.39 5.46 -24.84	153.34 6.28 -28.51	133.72 5.54 -29.31	121.98 4.88 -25.05	102.90 4.01 -17.06	89.95 3.68 -9.66	82.59 3.11 -8.73

CHESTROR_138KV_BK263 355645	71.37 1.79 11.60	70.38 1.68 7.45	70.35 1.54 4.36	70.84 1.45 3.23	78.20 1.47 0.82	80.87 1.77 5.09	106.70 2.57 12.57	109.57 2.76 24.49	67.40 2.58 34.32	60.26 2.59 20.69	58.53 1.90 16.59	55.39 2.01 13.79	55.07 1.87 11.11	54.87 1.64 9.76	55.68 1.77 9.34	58.69 1.91 11.37	62.96 2.18 20.02	81.07 3.05 27.06	100.35 3.67 21.87	87.73 3.26 14.41	77.59 2.85 17.32	69.54 2.29 14.57	67.99 2.15 10.76	63.34 1.63 9.03
CH_MIDHUDSON___DRP 24192	84.28 3.09 0.00	79.12 2.97 0.00	76.43 2.78 -0.47	75.52 2.61 -0.30	80.26 2.71 0.00	88.04 3.11 -0.74	125.41 4.32 -4.39	136.15 4.86 0.00	103.20 4.06 0.00	82.21 3.84 0.00	76.15 2.93 0.00	70.19 3.02 0.00	67.08 2.77 0.00	65.50 2.52 0.00	65.97 2.72 0.00	71.16 3.00 0.00	84.27 3.47 0.00	111.03 4.73 -1.21	129.91 5.45 -5.91	113.69 4.75 -10.07	102.43 4.23 -6.14	88.23 3.60 -2.81	80.34 3.37 -0.36	74.24 2.83 -0.66
CH_MISC_IPPS 23765	84.52 3.33 0.00	79.27 3.12 0.00	76.50 2.85 -0.47	75.52 2.61 -0.29	80.49 2.95 0.00	88.28 3.37 -0.73	125.57 4.55 -4.32	136.68 5.39 0.00	103.50 4.36 0.00	82.37 3.99 0.00	76.44 3.22 0.00	70.25 3.09 0.00	67.34 3.02 0.00	65.75 2.77 0.00	66.23 2.97 0.00	71.29 3.14 0.00	84.68 3.88 0.00	111.74 5.46 -1.19	130.76 6.40 -5.82	114.45 5.63 -9.93	102.99 4.88 -6.06	88.60 4.01 -2.76	80.64 3.68 -0.35	74.65 3.26 -0.65
CH_RES_BVR_FALLS 23983	81.60 0.41 0.00	76.69 0.54 0.00	73.84 0.66 0.00	73.49 0.87 0.00	78.09 0.55 0.00	84.44 0.25 0.00	116.94 0.23 0.00	131.82 0.53 0.00	99.34 0.20 0.00	78.45 0.08 0.00	73.51 0.29 0.00	67.36 0.20 0.00	64.64 0.32 0.00	63.36 0.38 0.00	63.57 0.32 0.00	68.50 0.34 0.00	81.04 0.24 0.00	104.98 -0.10 0.00	117.95 -0.59 0.00	98.08 -0.79 0.00	91.51 -0.55 0.00	81.58 -0.24 0.00	76.38 -0.23 0.00	70.53 -0.21 0.00
CH_RES_NIAGARA 23895	72.34 -8.85 0.00	67.24 -8.91 0.00	64.32 -8.85 0.00	64.26 -8.35 0.00	69.32 -8.22 0.00	75.51 -8.67 0.00	104.80 -11.90 0.00	116.98 -14.31 0.00	89.03 -10.11 0.00	69.51 -8.86 0.00	65.24 -7.98 0.00	59.71 -7.46 0.00	56.73 -7.59 0.00	55.55 -7.43 0.00	55.47 -7.78 0.00	59.50 -8.66 0.00	69.97 -10.83 0.00	91.74 -13.35 0.00	104.32 -14.23 0.00	87.31 -11.57 0.00	80.73 -11.32 0.00	71.68 -10.15 0.00	67.65 -8.96 0.00	62.96 -7.78 0.00
CH_RES_SYRACUSE 23985	80.22 -0.97 0.00	75.01 -1.14 0.00	72.08 -1.10 0.00	71.45 -1.16 0.00	76.53 -1.01 0.00	83.51 -0.68 0.00	116.24 -0.46 0.00	130.11 -1.18 0.00	98.05 -1.09 0.00	77.27 -1.10 0.00	71.97 -1.25 0.00	65.88 -1.28 0.00	62.90 -1.42 0.00	61.54 -1.45 0.00	61.67 -1.58 0.00	66.52 -1.64 0.00	79.18 -1.62 0.00	103.52 -1.57 0.00	117.59 -0.95 0.00	98.08 -0.79 0.00	90.96 -1.10 0.00	80.35 -1.47 0.00	75.08 -1.53 0.00	69.19 -1.56 0.00
CLINTON_WT_PWR 323605	82.57 1.38 0.00	77.67 1.52 0.00	74.86 1.68 0.00	74.87 2.25 0.00	79.25 1.70 0.00	84.78 0.59 0.00	116.47 -0.23 0.00	131.56 0.26 0.00	98.84 -0.30 0.00	78.69 0.31 0.00	73.88 0.66 0.00	67.97 0.81 0.00	65.22 0.90 0.00	64.05 1.07 0.00	64.20 0.95 0.00	69.04 0.88 0.00	81.20 0.41 0.00	104.04 -1.05 0.00	116.64 -1.90 0.00	96.70 -2.18 0.00	90.58 -1.48 0.00	81.74 -0.08 0.00	77.00 0.38 0.00	71.24 0.50 0.00
CLINTON___LFGE 323618	84.11 2.92 0.00	79.20 3.05 0.00	76.32 3.14 0.00	76.68 4.06 0.00	80.88 3.33 0.00	85.61 1.43 0.00	116.59 -0.12 0.00	131.96 0.66 0.00	98.74 -0.39 0.00	79.55 1.18 0.00	74.76 1.54 0.00	68.77 1.61 0.00	65.99 1.67 0.00	64.81 1.83 0.00	64.89 1.64 0.00	69.86 1.70 0.00	82.01 1.21 0.00	103.94 -1.15 0.00	116.41 -2.13 0.00	96.50 -2.37 0.00	90.68 -1.38 0.00	82.81 0.99 0.00	78.45 1.84 0.00	72.58 1.84 0.00
COBBLENY_34_KV_TB1 80064	75.83 -5.36 0.00	70.52 -5.64 0.00	67.47 -5.71 0.00	67.38 -5.23 0.00	72.58 -4.96 0.00	79.22 -4.97 0.00	110.29 -6.42 0.00	124.07 -7.22 0.00	94.18 -4.96 0.00	73.43 -4.94 0.00	68.83 -4.39 0.00	63.00 -4.16 0.00	59.75 -4.57 0.00	58.51 -4.47 0.00	58.38 -4.87 0.00	62.70 -5.45 0.00	74.01 -6.79 0.00	97.42 -7.67 0.00	110.96 -7.59 0.00	92.85 -6.03 0.00	85.70 -6.35 0.00	75.69 -6.14 0.00	71.25 -5.36 0.00	66.00 -4.74 0.00
COFFEEN___115KV_TB3 355620	85.57 4.38 0.00	80.11 3.96 0.00	76.91 3.73 0.00	76.68 4.07 0.00	81.89 4.34 0.00	89.24 5.05 0.00	125.57 8.87 0.00	141.14 9.85 0.00	104.79 5.65 0.00	81.19 2.82 0.00	76.66 3.44 0.00	68.71 1.54 0.00	66.83 2.51 0.00	65.25 2.27 0.00	64.96 1.71 0.00	69.25 1.09 0.00	82.09 1.29 0.00	108.66 3.57 0.00	124.83 6.28 0.00	104.71 5.83 0.00	97.12 5.06 0.00	85.59 3.76 0.00	79.75 3.14 0.00	74.64 3.89 0.00
COLDSPRG_115KV_BK1 355956	78.19 -3.00 0.00	72.72 -3.43 0.00	69.74 -3.44 0.00	69.56 -3.05 0.00	74.91 -2.64 0.00	81.83 -2.36 0.00	114.49 -2.22 0.00	128.93 -2.36 0.00	97.55 -1.59 0.00	76.02 -2.35 0.00	71.10 -2.12 0.00	65.08 -2.08 0.00	61.55 -2.77 0.00	60.21 -2.77 0.00	60.03 -3.23 0.00	64.48 -3.68 0.00	76.19 -4.61 0.00	101.28 -4.10 -0.29	116.64 -3.32 -1.41	98.91 -2.37 -2.40	90.48 -3.04 -1.47	78.89 -3.60 -0.67	73.55 -3.14 -0.08	67.93 -2.97 -0.16
COLONIE_LFGE___ 323577	84.85 3.66 0.00	79.73 3.58 0.00	80.38 3.37 -3.84	78.21 3.19 -2.41	81.11 3.57 0.00	93.96 3.79 -5.98	157.30 5.01 -35.58	136.68 5.39 0.00	103.30 4.16 0.00	82.13 3.76 0.00	76.44 3.22 0.00	70.25 3.09 0.00	67.08 2.76 0.00	65.63 2.64 0.00	66.10 2.85 0.00	71.29 3.14 0.00	84.68 3.88 0.00	119.93 5.04 -9.80	171.93 5.57 -47.81	185.00 4.94 -81.18	146.06 4.51 -49.49	108.47 3.93 -22.72	83.24 3.75 -2.88	79.71 3.61 -5.36
COOPERNY_115KV_TB1 80082	76.82 1.14 5.51	73.76 1.14 3.53	72.28 1.02 1.92	72.19 1.02 1.44	78.08 0.93 0.39	83.26 1.26 2.18	113.86 1.75 4.60	121.50 1.84 11.63	84.52 1.69 16.30	70.34 1.80 9.83	66.58 1.24 7.88	61.97 1.41 6.60	60.26 1.22 5.28	59.42 1.07 4.63	59.95 1.14 4.44	63.98 1.23 5.40	72.75 1.45 9.51	94.62 2.00 12.47	112.51 2.49 8.53	97.45 2.27 3.70	87.68 1.93 6.31	77.34 1.55 6.04	73.07 1.46 5.00	67.73 1.06 4.08
COPENHAGEN_WT_PWR 323753	84.60 3.41 0.00	79.12 2.97 0.00	76.11 2.93 0.00	75.80 3.19 0.00	80.80 3.26 0.00	88.14 3.96 0.00	123.94 7.24 0.00	139.17 7.88 0.00	103.61 4.47 0.00	80.56 2.19 0.00	74.54 1.32 0.00	69.58 2.41 0.00	66.25 1.93 0.00	64.75 1.76 0.00	64.45 1.20 0.00	69.45 1.29 0.00	81.44 0.64 0.00	107.51 2.42 0.00	123.29 4.75 0.00	103.22 4.35 0.00	95.74 3.69 0.00	84.36 2.54 0.00	78.75 2.14 0.00	72.23 1.49 0.00
CORNELL_____ 23752	81.92 0.73 0.00	76.68 0.53 0.00	73.76 0.44 -0.14	73.28 0.58 -0.09	78.32 0.78 0.00	85.66 1.26 -0.22	120.45 2.45 -1.29	133.53 2.23 0.00	100.33 1.19 0.00	78.76 0.39 0.00	73.07 -0.15 0.00	66.83 -0.34 0.00	63.74 -0.58 0.00	62.29 -0.69 0.00	62.49 -0.76 0.00	67.41 -0.75 0.00	80.47 -0.32 0.00	106.00 0.53 -0.38	122.19 1.78 -1.87	103.73 1.68 -3.17	95.28 1.29 -1.93	83.28 0.57 -0.89	77.03 0.31 -0.11	71.02 0.07 -0.21

CORONA__69_KV_TB1 355595	95.34 4.30 -9.84	86.81 4.34 -6.32	83.91 4.02 -6.71	87.17 3.85 -10.71	86.98 4.03 -5.40	103.24 4.55 -14.51	140.74 5.84 -18.20	158.09 6.04 -20.75	133.68 5.45 -29.09	101.00 5.09 -17.54	91.24 3.95 -14.06	82.96 4.03 -11.76	77.73 3.99 -9.42	74.97 3.72 -8.27	75.09 3.92 -7.92	81.88 4.09 -9.64	102.47 4.69 -16.98	136.54 6.41 -25.04	154.48 7.23 -28.70	134.97 6.62 -29.47	129.80 6.17 -31.58	121.01 5.15 -34.03	97.68 4.75 -16.32	101.73 4.03 -26.95
CORTLAND__115KV_TB3 80093	81.19 0.00 0.00	76.00 -0.15 0.00	72.96 -0.22 0.00	72.47 -0.15 0.00	77.54 0.00 0.00	84.52 0.34 0.00	117.75 1.05 0.00	131.95 0.66 0.00	99.34 0.20 0.00	78.14 -0.24 0.00	72.63 -0.59 0.00	66.49 -0.67 0.00	63.48 -0.84 0.00	62.10 -0.88 0.00	62.30 -0.95 0.00	67.13 -1.02 0.00	79.99 -0.81 0.00	104.96 -0.42 -0.29	120.31 0.36 -1.41	101.77 0.49 -2.40	93.70 0.18 -1.46	82.25 -0.25 -0.67	76.31 -0.38 -0.08	70.41 -0.50 -0.16
COXSACKIE__GT 23611	88.17 6.98 0.00	82.32 6.17 0.00	79.97 5.05 -1.75	78.65 4.94 -1.10	82.97 5.43 0.00	93.39 6.48 -2.73	141.90 8.99 -16.21	142.71 11.42 0.00	106.08 6.94 0.00	83.31 4.94 0.00	76.95 3.73 0.00	70.32 3.16 0.00	67.22 2.90 0.00	65.63 2.64 0.00	66.23 2.97 0.00	71.83 3.68 0.00	85.97 5.18 0.00	116.18 6.62 -4.47	148.64 8.30 -21.80	142.93 7.02 -37.03	120.98 6.35 -22.57	97.58 5.40 -10.36	84.12 6.20 -1.31	77.86 4.67 -2.44
CPV_VALLEY__CC1 323721	74.63 1.14 7.70	72.35 1.14 4.94	71.35 0.95 2.78	71.27 0.73 2.07	77.93 0.93 0.54	82.07 1.09 3.20	110.90 1.51 7.31	116.75 1.70 16.25	78.05 1.68 22.78	66.51 1.88 13.73	63.67 1.46 11.01	59.45 1.55 9.26	58.42 1.48 7.38	57.83 1.32 6.47	58.51 1.46 6.20	62.04 1.43 7.55	69.21 1.70 13.28	89.84 2.42 17.67	108.39 2.96 13.12	94.43 2.76 7.22	84.29 2.30 10.06	74.61 1.80 9.01	71.08 1.53 7.06	66.32 1.41 5.84
CPV_VALLEY__CC2 323722	74.63 1.14 7.70	72.35 1.14 4.94	71.35 0.95 2.78	71.27 0.73 2.07	77.93 0.93 0.54	82.07 1.09 3.20	110.90 1.51 7.31	116.75 1.70 16.25	78.05 1.68 22.78	66.51 1.88 13.73	63.67 1.46 11.01	59.45 1.55 9.26	58.42 1.48 7.38	57.83 1.32 6.47	58.51 1.46 6.20	62.04 1.43 7.55	69.21 1.70 13.28	89.84 2.42 17.67	108.39 2.96 13.12	94.43 2.76 7.22	84.29 2.30 10.06	74.61 1.80 9.01	71.08 1.53 7.06	66.32 1.41 5.84
CRESCENT__HYD 24018	84.85 3.66 0.00	79.73 3.58 0.00	80.38 3.37 -3.84	78.21 3.19 -2.41	81.11 3.57 0.00	93.96 3.79 -5.98	157.30 5.01 -35.58	136.68 5.39 0.00	103.30 4.16 0.00	82.13 3.76 0.00	76.44 3.22 0.00	70.25 3.09 0.00	67.08 2.76 0.00	65.63 2.64 0.00	66.10 2.85 0.00	71.29 3.14 0.00	84.68 3.88 0.00	119.93 5.04 -9.80	171.93 5.57 -47.81	185.00 4.94 -81.18	146.06 4.51 -49.49	108.47 3.93 -22.72	83.24 3.75 -2.88	79.71 3.61 -5.36
CRICKET__VALLEY_CC1 323756	87.78 2.52 -4.07	81.35 2.59 -2.61	77.75 2.34 -2.23	76.21 2.03 -1.57	80.08 2.25 -0.29	89.41 2.35 -2.88	130.53 2.92 -10.91	143.02 3.15 -8.58	114.13 2.97 -12.02	88.83 3.21 -7.25	81.74 2.71 -5.81	74.79 2.75 -4.87	70.85 2.64 -3.89	68.79 2.39 -3.42	69.12 2.59 -3.27	74.79 2.66 -3.98	90.89 3.07 -7.02	120.37 3.99 -11.29	139.23 4.26 -16.42	122.85 4.06 -19.92	110.78 3.59 -15.14	94.20 3.11 -9.27	83.75 2.84 -4.30	77.65 2.76 -4.15
CRICKET__VALLEY_CC2 323757	87.78 2.52 -4.07	81.35 2.59 -2.61	77.75 2.34 -2.23	76.21 2.03 -1.57	80.08 2.25 -0.29	89.41 2.35 -2.88	130.53 2.92 -10.91	143.02 3.15 -8.58	114.13 2.97 -12.02	88.83 3.21 -7.25	81.74 2.71 -5.81	74.79 2.75 -4.87	70.85 2.64 -3.89	68.79 2.39 -3.42	69.12 2.59 -3.27	74.79 2.66 -3.98	90.89 3.07 -7.02	120.37 3.99 -11.29	139.23 4.26 -16.42	122.85 4.06 -19.92	110.78 3.59 -15.14	94.20 3.11 -9.27	83.75 2.84 -4.30	77.65 2.76 -4.15
CRICKET__VALLEY_CC3 323758	87.78 2.52 -4.07	81.35 2.59 -2.61	77.75 2.34 -2.23	76.21 2.03 -1.57	80.08 2.25 -0.29	89.41 2.35 -2.88	130.53 2.92 -10.91	143.02 3.15 -8.58	114.13 2.97 -12.02	88.83 3.21 -7.25	81.74 2.71 -5.81	74.79 2.75 -4.87	70.85 2.64 -3.89	68.79 2.39 -3.42	69.12 2.59 -3.27	74.79 2.66 -3.98	90.89 3.07 -7.02	120.37 3.99 -11.29	139.23 4.26 -16.42	122.85 4.06 -19.92	110.78 3.59 -15.14	94.20 3.11 -9.27	83.75 2.84 -4.30	77.65 2.76 -4.15
CRUCIBLE__METL_DRP 24180	80.14 -1.06 0.00	75.08 -1.07 0.00	72.08 -1.10 0.00	71.60 -1.02 0.00	76.54 -1.01 0.00	83.43 -0.76 0.00	116.12 -0.58 0.00	129.98 -1.31 0.00	97.95 -1.19 0.00	77.19 -1.18 0.00	71.83 -1.39 0.00	65.75 -1.41 0.00	62.77 -1.54 0.00	61.41 -1.57 0.00	61.61 -1.64 0.00	66.38 -1.77 0.00	79.02 -1.78 0.00	103.30 -1.79 0.00	117.12 -1.42 0.00	97.79 -1.09 0.00	90.77 -1.29 0.00	80.35 -1.47 0.00	75.00 -1.61 0.00	69.19 -1.56 0.00
DAHOWA__HYDRO 323763	87.20 6.01 0.00	81.87 5.71 0.00	83.04 5.49 -4.37	80.65 5.30 -2.74	83.36 5.82 0.00	97.60 6.65 -6.76	166.65 9.45 -40.49	141.80 10.51 0.00	106.58 7.44 0.00	84.17 5.80 0.00	78.05 4.83 0.00	71.59 4.43 0.00	68.18 3.86 0.00	66.57 3.59 0.00	67.11 3.86 0.00	72.72 4.57 0.00	86.86 6.06 0.00	124.72 8.51 -11.12	182.76 9.96 -54.26	199.22 8.20 -92.14	155.78 7.55 -56.17	114.15 6.55 -25.78	85.85 5.98 -3.26	82.35 5.52 -6.08
DANC__LFGE 323619	82.90 1.71 0.00	77.52 1.37 0.00	74.50 1.32 0.00	74.14 1.53 0.00	79.09 1.55 0.00	86.29 2.11 0.00	120.90 4.20 0.00	135.62 4.33 0.00	101.32 2.18 0.00	79.07 0.70 0.00	73.29 0.07 0.00	67.97 0.81 0.00	64.77 0.45 0.00	63.30 0.32 0.00	63.19 -0.06 0.00	68.09 -0.07 0.00	80.24 -0.56 0.00	105.72 0.63 0.00	120.91 2.37 0.00	101.05 2.17 0.00	93.71 1.66 0.00	82.64 0.82 0.00	77.15 0.54 0.00	70.96 0.21 0.00
DANSKAMMER__1 23586	84.52 3.33 0.00	79.27 3.12 0.00	76.50 2.85 -0.47	75.52 2.61 -0.29	80.49 2.95 0.00	88.28 3.37 -0.73	125.57 4.55 -4.32	136.68 5.39 0.00	103.50 4.36 0.00	82.37 3.99 0.00	76.44 3.22 0.00	70.25 3.09 0.00	67.34 3.02 0.00	65.75 2.77 0.00	66.23 2.97 0.00	71.29 3.14 0.00	84.68 3.88 0.00	111.74 5.46 -1.19	130.76 6.40 -5.82	114.45 5.63 -9.93	102.99 4.88 -6.06	88.60 4.01 -2.76	80.64 3.68 -0.35	74.65 3.26 -0.65
DANSKAMMER__2 23589	84.52 3.33 0.00	79.27 3.12 0.00	76.50 2.85 -0.47	75.52 2.61 -0.29	80.49 2.95 0.00	88.28 3.37 -0.73	125.57 4.55 -4.32	136.68 5.39 0.00	103.50 4.36 0.00	82.37 3.99 0.00	76.44 3.22 0.00	70.25 3.09 0.00	67.34 3.02 0.00	65.75 2.77 0.00	66.23 2.97 0.00	71.29 3.14 0.00	84.68 3.88 0.00	111.74 5.46 -1.19	130.76 6.40 -5.82	114.45 5.63 -9.93	102.99 4.88 -6.06	88.60 4.01 -2.76	80.64 3.68 -0.35	74.65 3.26 -0.65
DANSKAMMER__3 23590	84.52 3.33 0.00	79.27 3.12 0.00	76.50 2.85 -0.47	75.52 2.61 -0.29	80.49 2.95 0.00	88.28 3.37 -0.73	125.57 4.55 -4.32	136.68 5.39 0.00	103.50 4.36 0.00	82.37 3.99 0.00	76.44 3.22 0.00	70.25 3.09 0.00	67.34 3.02 0.00	65.75 2.77 0.00	66.23 2.97 0.00	71.29 3.14 0.00	84.68 3.88 0.00	111.74 5.46 -1.19	130.76 6.40 -5.82	114.45 5.63 -9.93	102.99 4.88 -6.06	88.60 4.01 -2.76	80.64 3.68 -0.35	74.65 3.26 -0.65

DANSKAMMER___4 23591	84.52 3.33 0.00	79.27 3.12 0.00	76.50 2.85 -0.47	75.52 2.61 -0.29	80.49 2.95 0.00	88.28 3.37 -0.73	125.57 4.55 -4.32	136.68 5.39 0.00	103.50 4.36 0.00	82.37 3.99 0.00	76.44 3.22 0.00	70.25 3.09 0.00	67.34 3.02 0.00	65.75 2.77 0.00	66.23 2.97 0.00	71.29 3.14 0.00	84.68 3.88 0.00	111.74 5.46 -1.19	130.76 6.40 -5.82	114.45 5.63 -9.93	102.99 4.88 -6.06	88.60 4.01 -2.76	80.64 3.68 -0.35	74.65 3.26 -0.65
DANSKAMMER___DIESEL 23592	84.52 3.33 0.00	79.35 3.20 0.00	76.57 2.93 -0.47	75.74 2.83 -0.29	80.49 2.95 0.00	88.36 3.45 -0.73	125.81 4.78 -4.32	136.81 5.51 0.00	103.60 4.46 0.00	82.45 4.08 0.00	76.37 3.15 0.00	70.32 3.16 0.00	67.21 2.89 0.00	65.63 2.65 0.00	66.10 2.85 0.00	71.29 3.14 0.00	84.60 3.80 0.00	111.43 5.15 -1.19	130.41 6.05 -5.82	114.05 5.24 -9.93	102.81 4.69 -6.06	88.43 3.85 -2.76	80.56 3.60 -0.35	74.37 2.97 -0.65
DARBY___SOLAR 323810	86.79 5.60 0.00	81.48 5.33 0.00	82.62 5.12 -4.32	80.26 4.94 -2.71	82.97 5.43 0.00	97.03 6.14 -6.71	165.39 8.64 -40.05	140.88 9.58 0.00	105.98 6.84 0.00	83.77 5.40 0.00	77.69 4.47 0.00	71.26 4.10 0.00	67.85 3.54 0.00	66.38 3.40 0.00	66.86 3.60 0.00	72.38 4.23 0.00	86.45 5.65 0.00	123.99 7.89 -11.01	181.40 9.13 -53.72	197.72 7.61 -91.23	154.66 6.99 -55.61	113.40 6.05 -25.53	85.43 5.59 -3.23	81.93 5.16 -6.02
DASHVILLE___HYD 23610	84.11 2.92 0.00	78.89 2.74 0.00	75.15 1.24 -0.73	74.23 1.16 -0.46	80.10 2.56 0.00	86.84 1.52 -1.14	125.57 2.10 -6.76	135.63 4.33 0.00	102.61 3.47 0.00	81.66 3.29 0.00	75.64 2.42 0.00	69.58 2.42 0.00	66.57 2.25 0.00	65.00 2.02 0.00	65.47 2.21 0.00	70.61 2.45 0.00	83.63 2.83 0.00	109.48 2.52 -1.86	130.84 3.20 -9.10	117.23 2.87 -15.49	103.99 2.49 -9.44	88.11 1.96 -4.32	79.00 1.84 -0.55	73.11 1.34 -1.02
DEERFIELD_69_KV_DEERFIELD LD 355887	95.66 4.63 -9.84	87.49 5.03 -6.32	84.79 4.90 -6.71	88.26 4.94 -10.71	88.22 5.27 -5.40	105.01 6.31 -14.51	142.84 7.94 -18.20	160.58 8.53 -20.75	135.27 7.04 -29.09	101.86 5.96 -17.54	91.75 4.47 -14.06	83.36 4.43 -11.76	78.31 4.57 -9.42	75.47 4.22 -8.27	75.66 4.49 -7.92	82.50 4.70 -9.64	103.28 5.49 -16.98	139.38 9.25 -25.04	157.44 10.19 -28.70	138.14 9.79 -29.47	132.56 8.93 -31.58	123.13 7.28 -34.03	99.44 6.51 -16.32	103.92 6.23 -26.95
DELAWARE___LFGE 323621	83.22 2.03 0.00	77.98 1.83 0.00	75.51 1.68 -0.65	74.76 1.74 -0.41	79.40 1.86 0.00	87.47 2.27 -1.01	126.11 3.38 -6.02	135.10 3.81 0.00	101.72 2.58 0.00	80.41 2.04 0.00	74.90 1.68 0.00	68.84 1.41 0.00	65.73 1.26 0.00	64.24 1.33 0.00	64.58 1.43 0.00	69.59 1.43 0.00	82.74 1.94 0.00	109.49 2.73 -1.67	130.25 3.56 -8.15	115.68 2.97 -13.83	103.16 2.67 -8.43	87.74 2.05 -3.87	79.02 1.92 -0.49	73.21 1.56 -0.91
DERFIELD_115KV_TB7 355931	81.68 0.49 0.00	76.61 0.46 0.00	73.54 0.37 0.00	73.05 0.44 0.00	78.01 0.47 0.00	84.77 0.59 0.00	117.52 0.82 0.00	132.48 1.18 0.00	100.03 0.89 0.00	79.23 0.86 0.00	73.81 0.59 0.00	67.77 0.60 0.00	64.83 0.51 0.00	63.49 0.50 0.00	63.76 0.51 0.00	68.77 0.61 0.00	81.52 0.73 0.00	106.14 1.05 0.00	119.73 1.19 0.00	99.87 0.99 0.00	92.98 0.92 0.00	82.56 0.74 0.00	77.30 0.69 0.00	71.31 0.57 0.00
DOGLEVILLE___HYD 23807	81.35 0.16 0.00	76.30 0.15 0.00	73.25 0.07 0.00	72.69 0.07 0.00	77.78 0.23 0.00	84.44 0.25 0.00	116.94 0.23 0.00	131.96 0.66 0.00	99.74 0.60 0.00	78.92 0.55 0.00	73.51 0.29 0.00	67.43 0.27 0.00	64.51 0.19 0.00	63.17 0.19 0.00	63.38 0.13 0.00	68.36 0.21 0.00	81.12 0.32 0.00	105.72 0.63 0.00	119.38 0.84 0.00	99.77 0.89 0.00	92.88 0.83 0.00	82.72 0.90 0.00	77.38 0.77 0.00	71.24 0.50 0.00
DUNKIRK___115KV_TB_200 55889	76.64 -4.55 0.00	71.28 -4.87 0.00	68.28 -4.90 0.00	68.11 -4.50 0.00	73.36 -4.19 0.00	80.06 -4.13 0.00	111.69 -5.02 0.00	125.65 -5.65 0.00	95.27 -3.87 0.00	74.30 -4.08 0.00	69.63 -3.59 0.00	63.67 -3.49 0.00	60.33 -3.99 0.00	59.08 -3.91 0.00	58.95 -4.30 0.00	63.25 -4.91 0.00	74.66 -6.14 0.00	98.57 -6.52 0.00	112.50 -6.05 0.00	94.13 -4.75 0.00	86.81 -5.25 0.00	76.50 -5.32 0.00	71.94 -4.67 0.00	66.57 -4.17 0.00
DUNKIRK___1 23563	76.64 -4.55 0.00	71.28 -4.87 0.00	68.28 -4.90 0.00	68.11 -4.50 0.00	73.36 -4.19 0.00	80.06 -4.13 0.00	111.69 -5.02 0.00	125.65 -5.65 0.00	95.27 -3.87 0.00	74.30 -4.08 0.00	69.63 -3.59 0.00	63.67 -3.49 0.00	60.33 -3.99 0.00	59.08 -3.91 0.00	58.95 -4.30 0.00	63.25 -4.91 0.00	74.66 -6.14 0.00	98.57 -6.52 0.00	112.50 -6.05 0.00	94.13 -4.75 0.00	86.81 -5.25 0.00	76.50 -5.32 0.00	71.94 -4.67 0.00	66.57 -4.17 0.00
DUNKIRK___2 23564	76.64 -4.55 0.00	71.28 -4.87 0.00	68.28 -4.90 0.00	68.11 -4.50 0.00	73.36 -4.19 0.00	80.06 -4.13 0.00	111.69 -5.02 0.00	125.65 -5.65 0.00	95.27 -3.87 0.00	74.30 -4.08 0.00	69.63 -3.59 0.00	63.67 -3.49 0.00	60.33 -3.99 0.00	59.08 -3.91 0.00	58.95 -4.30 0.00	63.25 -4.91 0.00	74.66 -6.14 0.00	98.57 -6.52 0.00	112.50 -6.05 0.00	94.13 -4.75 0.00	86.81 -5.25 0.00	76.50 -5.32 0.00	71.94 -4.67 0.00	66.57 -4.17 0.00
DUNKIRK___3 23565	76.16 -5.03 0.00	70.90 -5.25 0.00	67.91 -5.27 0.00	67.75 -4.87 0.00	72.97 -4.58 0.00	79.64 -4.55 0.00	110.87 -5.84 0.00	124.73 -6.56 0.00	94.58 -4.56 0.00	73.82 -4.55 0.00	69.12 -4.10 0.00	63.27 -3.90 0.00	60.01 -4.31 0.00	58.70 -4.28 0.00	58.63 -4.62 0.00	62.91 -5.25 0.00	74.25 -6.54 0.00	97.94 -7.15 0.00	111.55 -6.99 0.00	93.44 -5.44 0.00	86.26 -5.80 0.00	76.01 -5.81 0.00	71.55 -5.06 0.00	66.22 -4.53 0.00
DUNKIRK___4 23566	76.16 -5.03 0.00	70.90 -5.25 0.00	67.91 -5.27 0.00	67.75 -4.87 0.00	72.97 -4.58 0.00	79.64 -4.55 0.00	110.87 -5.84 0.00	124.73 -6.56 0.00	94.58 -4.56 0.00	73.82 -4.55 0.00	69.12 -4.10 0.00	63.27 -3.90 0.00	60.01 -4.31 0.00	58.70 -4.28 0.00	58.63 -4.62 0.00	62.91 -5.25 0.00	74.25 -6.54 0.00	97.94 -7.15 0.00	111.55 -6.99 0.00	93.44 -5.44 0.00	86.26 -5.80 0.00	76.01 -5.81 0.00	71.55 -5.06 0.00	66.22 -4.53 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	94.02 3.09 -9.75	85.30 2.89 -6.25	80.36 2.71 -4.47	78.37 2.54 -3.22	80.79 2.56 -0.69	92.75 3.03 -5.53	139.09 4.32 -18.06	156.71 4.86 -20.55	132.21 4.26 -28.81	99.97 4.23 -17.37	90.44 3.29 -13.93	82.30 3.49 -11.65	76.86 3.22 -9.33	74.07 2.90 -8.19	74.19 3.10 -7.84	80.97 3.27 -9.54	101.33 3.72 -16.82	134.73 4.83 -24.81	152.60 5.57 -28.48	133.10 4.94 -29.28	121.50 4.42 -25.02	102.55 3.68 -17.04	89.63 3.37 -9.65	82.30 2.83 -8.72
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	79.54 2.44 4.09	75.81 2.28 2.62	74.07 2.12 1.23	73.63 1.96 0.95	79.35 2.09 0.29	85.31 2.44 1.32	118.49 3.38 1.60	126.60 3.94 8.63	90.51 3.47 12.10	74.37 3.29 7.30	69.86 2.49 5.85	65.43 2.55 4.28	62.71 2.32 3.92	61.62 2.08 3.44	62.23 2.28 3.29	66.60 2.45 4.01	76.57 2.83 7.05	100.22 3.89 8.75	119.27 4.62 3.89	104.43 4.05 -1.50	93.56 3.59 2.08	81.45 2.95 3.32	75.81 2.76 3.56	70.18 2.19 2.76

E179THST_138_KV_TB4_REV_LBMP_J 345001	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.10 3.27 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.01 5.25 -18.06	157.35 5.51 -20.54	132.68 4.76 -28.78	100.27 4.55 -17.36	90.73 3.59 -13.92	82.57 3.76 -11.64	77.12 3.47 -9.33	74.32 3.15 -8.19	74.45 3.35 -7.84	81.24 3.54 -9.54	101.72 4.12 -16.80	135.02 5.15 -24.78	153.40 6.40 -28.46	133.58 5.44 -29.26	121.84 4.79 -25.00	103.03 4.17 -17.03	90.39 4.14 -9.65	82.93 3.47 -8.72
E179THST_13_KV_LOAD 356214	95.24 4.30 -9.74	86.43 4.04 -6.25	81.38 3.73 -4.47	79.39 3.56 -3.22	81.88 3.64 -0.69	94.01 4.29 -5.53	140.60 5.84 -18.06	158.00 6.17 -20.54	133.27 5.35 -28.78	100.66 4.94 -17.36	91.09 3.95 -13.92	82.90 4.10 -11.64	77.44 3.79 -9.33	74.64 3.46 -8.19	74.76 3.67 -7.84	81.58 3.88 -9.54	102.12 4.52 -16.80	135.65 5.78 -24.78	153.99 6.99 -28.46	134.17 6.03 -29.26	122.40 5.34 -25.00	103.44 4.58 -17.03	90.78 4.52 -9.65	83.28 3.82 -8.72
EAST HAMPTON___GT 23717	95.50 4.46 -9.84	87.42 4.95 -6.32	84.80 4.90 -6.72	88.19 4.87 -10.72	88.54 5.59 -5.41	105.44 6.74 -14.52	143.77 8.87 -18.20	161.76 9.72 -20.75	136.36 8.13 -29.09	102.41 6.50 -17.54	92.48 5.20 -14.06	83.90 4.97 -11.76	79.20 5.46 -9.42	76.23 4.97 -8.27	76.49 5.31 -7.92	83.18 5.38 -9.64	103.92 6.14 -16.98	140.74 10.61 -25.04	159.34 12.10 -28.70	139.62 11.27 -29.47	133.68 10.04 -31.58	124.04 8.18 -34.04	100.14 7.20 -16.33	104.85 7.14 -26.96
EAST RIVER___6 23660	94.04 3.08 -9.76	85.31 2.89 -6.26	80.15 2.49 -4.48	77.94 2.11 -3.22	80.64 2.41 -0.69	92.42 2.69 -5.54	138.75 3.97 -18.08	156.59 4.72 -20.58	132.05 4.07 -28.84	99.99 4.23 -17.39	90.75 3.59 -13.94	82.45 3.62 -11.66	77.13 3.47 -9.34	74.39 3.21 -8.20	74.39 3.29 -7.85	81.05 3.34 -9.56	101.44 3.80 -16.84	135.07 5.15 -24.84	152.86 5.81 -28.51	133.52 5.34 -29.30	121.70 4.60 -25.05	102.65 3.77 -17.06	89.64 3.37 -9.66	82.59 3.11 -8.73
EAST RIVER___7 23524	94.04 3.08 -9.76	85.31 2.89 -6.26	80.15 2.49 -4.48	77.94 2.11 -3.22	80.64 2.41 -0.69	92.42 2.69 -5.54	138.75 3.97 -18.08	156.59 4.72 -20.58	132.05 4.07 -28.84	99.99 4.23 -17.39	90.75 3.59 -13.94	82.45 3.62 -11.66	77.13 3.47 -9.34	74.39 3.21 -8.20	74.39 3.29 -7.85	81.05 3.34 -9.56	101.44 3.80 -16.84	135.07 5.15 -24.84	152.86 5.81 -28.51	133.52 5.34 -29.30	121.70 4.60 -25.05	102.65 3.77 -17.06	89.64 3.37 -9.66	82.59 3.11 -8.73
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	94.67 2.84 -10.64	85.64 2.67 -6.83	80.51 2.49 -4.84	78.42 2.32 -3.49	80.70 2.40 -0.75	92.94 2.78 -5.97	139.99 3.97 -19.32	158.19 4.46 -22.43	134.65 4.06 -31.44	101.25 3.92 -18.96	91.50 3.08 -15.20	83.17 3.29 -12.71	77.52 3.02 -10.18	74.63 2.71 -8.94	74.72 2.91 -8.56	81.64 3.07 -10.42	102.63 3.47 -18.36	136.58 4.52 -26.97	154.43 5.33 -30.55	134.58 4.65 -31.05	122.96 4.14 -26.76	103.61 3.44 -18.35	90.25 3.14 -10.50	82.82 2.62 -9.46
EAST_HAMPTON___DIESEL 23722	95.41 4.38 -9.84	87.35 4.88 -6.32	84.73 4.83 -6.72	88.12 4.79 -10.72	88.46 5.51 -5.41	105.35 6.65 -14.52	143.77 8.87 -18.20	161.76 9.72 -20.75	136.36 8.13 -29.09	102.41 6.50 -17.54	92.48 5.20 -14.06	83.90 4.97 -11.76	79.20 5.46 -9.42	76.23 4.97 -8.27	76.49 5.31 -7.92	83.11 5.32 -9.64	103.84 6.06 -16.98	140.64 10.51 -25.04	159.21 11.97 -28.70	139.52 11.17 -29.47	133.68 10.04 -31.58	124.04 8.18 -34.04	100.14 7.20 -16.33	104.78 7.07 -26.96
EAST_POINT___SOLAR 323840	88.41 7.22 0.00	82.77 6.62 0.00	84.15 6.44 -4.52	81.77 6.31 -2.84	84.60 7.06 0.00	99.58 8.34 -7.06	170.92 12.25 -41.97	144.82 13.53 0.00	106.08 6.94 0.00	81.35 2.98 0.00	75.20 1.98 0.00	68.71 1.55 0.00	65.67 1.35 0.00	65.38 2.39 0.00	65.78 2.53 0.00	71.36 3.20 0.00	87.26 6.47 0.00	126.32 9.66 -11.56	187.18 12.21 -56.42	204.67 9.98 -95.81	159.67 9.20 -58.41	116.41 7.78 -26.81	86.90 6.90 -3.39	83.08 6.01 -6.32
EAST_PULASKI___ESR 323781	81.76 0.57 0.00	76.46 0.31 0.00	73.40 0.22 0.00	72.90 0.29 0.00	77.93 0.39 0.00	85.11 0.93 0.00	119.04 2.33 0.00	133.13 1.84 0.00	99.84 0.70 0.00	78.21 -0.16 0.00	72.56 -0.66 0.00	66.83 -0.33 0.00	63.67 -0.64 0.00	62.23 -0.75 0.00	62.24 -1.01 0.00	67.14 -1.02 0.00	79.67 -1.13 0.00	104.67 -0.42 0.00	119.38 0.84 0.00	99.77 0.89 0.00	92.52 0.46 0.00	81.58 -0.24 0.00	76.08 -0.53 0.00	70.11 -0.64 0.00
EAST_RIVER___1 323558	94.12 3.16 -9.76	85.31 2.89 -6.26	80.29 2.63 -4.48	78.09 2.25 -3.22	80.79 2.56 -0.69	92.59 2.86 -5.54	138.98 4.20 -18.08	156.87 4.99 -20.58	132.34 4.36 -28.85	100.07 4.31 -17.39	90.83 3.66 -13.95	82.52 3.69 -11.67	77.20 3.54 -9.34	74.46 3.27 -8.20	74.46 3.35 -7.85	81.19 3.47 -9.56	101.60 3.96 -16.84	135.29 5.36 -24.84	153.34 6.28 -28.51	133.82 5.63 -29.31	121.89 4.78 -25.05	102.90 4.01 -17.07	89.80 3.53 -9.66	82.73 3.26 -8.73
EAST_RIVER___2 323559	94.04 3.08 -9.76	85.31 2.89 -6.26	80.15 2.49 -4.48	77.94 2.11 -3.22	80.64 2.41 -0.69	92.42 2.69 -5.54	138.75 3.97 -18.08	156.59 4.72 -20.58	132.05 4.07 -28.84	99.99 4.23 -17.39	90.75 3.59 -13.94	82.45 3.62 -11.66	77.13 3.47 -9.34	74.39 3.21 -8.20	74.39 3.29 -7.85	81.05 3.34 -9.56	101.44 3.80 -16.84	135.07 5.15 -24.84	152.86 5.81 -28.51	133.52 5.34 -29.30	121.70 4.60 -25.05	102.65 3.77 -17.06	89.64 3.37 -9.66	82.59 3.11 -8.73
EAST___DELAWARE_HYD 23607	80.09 2.11 3.21	76.07 1.98 2.06	74.03 1.68 0.84	73.40 1.45 0.66	79.02 1.70 0.23	85.46 2.11 0.83	119.68 3.03 0.05	128.18 3.67 6.78	92.90 3.27 9.51	75.54 2.90 5.73	70.90 2.27 4.60	65.64 2.08 3.61	63.23 2.00 3.08	62.04 1.76 2.70	62.56 1.90 2.59	67.05 2.04 3.15	78.01 2.75 5.54	102.75 4.21 6.54	122.32 5.21 1.43	107.42 4.65 -3.89	96.12 4.05 -0.01	83.17 3.19 1.84	76.66 2.75 2.70	71.09 2.33 1.98
EIGHT_POINT___WT_PWR 323820	79.33 -1.86 0.00	73.79 -2.36 0.00	71.10 -2.19 -0.12	70.43 -2.25 -0.07	75.99 -1.55 0.00	83.61 -0.76 -0.18	117.68 -0.12 -1.09	129.73 -1.57 0.00	96.76 -2.38 0.00	75.63 -2.75 0.00	70.29 -2.93 0.00	64.34 -2.82 0.00	61.23 -3.09 0.00	59.77 -3.21 0.00	59.77 -3.48 0.00	64.48 -3.68 0.00	77.08 -3.72 0.00	102.27 -3.15 -0.33	118.86 -1.30 -1.61	100.63 -0.99 -2.74	91.98 -1.75 -1.67	79.65 -2.94 -0.77	73.80 -2.91 -0.10	67.89 -3.04 -0.18
ELBRIDGE_115KV_TB2 80188	79.32 -1.87 0.00	74.32 -1.83 0.00	71.35 -1.83 0.00	70.87 -1.74 0.00	75.76 -1.78 0.00	82.58 -1.60 0.00	114.95 -1.75 0.00	128.54 -2.76 0.00	96.86 -2.28 0.00	76.33 -2.04 0.00	71.10 -2.12 0.00	65.15 -2.01 0.00	62.20 -2.12 0.00	60.84 -2.14 0.00	61.04 -2.21 0.00	65.77 -2.39 0.00	78.21 -2.59 0.00	102.15 -2.94 0.00	115.82 -2.73 0.00	96.70 -2.18 0.00	89.85 -2.21 0.00	79.53 -2.29 0.00	74.31 -2.30 0.00	68.55 -2.19 0.00
ELEC_TRO_TEK 24086	94.85 3.82 -9.84	86.35 3.88 -6.32	83.48 3.59 -6.71	86.81 3.49 -10.71	86.51 3.57 -5.40	102.82 4.13 -14.51	140.04 5.14 -18.20	157.30 5.25 -20.75	133.19 4.96 -29.09	100.61 4.70 -17.54	90.87 3.59 -14.06	82.69 3.76 -11.76	77.40 3.67 -9.42	74.65 3.40 -8.27	74.78 3.61 -7.92	81.54 3.75 -9.64	102.06 4.28 -16.98	136.01 5.89 -25.04	153.77 6.52 -28.70	134.48 6.13 -29.47	129.16 5.52 -31.58	120.52 4.66 -34.03	97.22 4.29 -16.32	101.38 3.68 -26.95

ELLENBURG_WT_PWR 323604	82.57 1.38 0.00	77.67 1.52 0.00	74.86 1.68 0.00	74.87 2.25 0.00	79.25 1.70 0.00	84.78 0.59 0.00	116.47 -0.23 0.00	131.56 0.26 0.00	98.84 -0.30 0.00	78.69 0.31 0.00	73.88 0.66 0.00	67.97 0.81 0.00	65.22 0.90 0.00	64.05 1.07 0.00	64.20 0.95 0.00	69.04 0.88 0.00	81.20 0.41 0.00	104.04 -1.05 0.00	116.64 -1.90 0.00	96.70 -2.18 0.00	90.58 -1.48 0.00	81.74 -0.08 0.00	77.00 0.38 0.00	71.24 0.50 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	74.86 -6.33 0.00	69.68 -6.47 0.00	66.67 -6.51 0.00	66.59 -6.03 0.00	71.73 -5.82 0.00	78.21 -5.98 0.00	108.77 -7.94 0.00	122.10 -9.19 0.00	92.70 -6.44 0.00	72.41 -5.96 0.00	67.88 -5.35 0.00	62.13 -5.04 0.00	58.92 -5.40 0.00	57.69 -5.29 0.00	57.62 -5.63 0.00	61.82 -6.34 0.00	72.88 -7.92 0.00	95.84 -9.25 0.00	109.06 -9.48 0.00	91.26 -7.61 0.00	84.32 -7.73 0.00	74.54 -7.28 0.00	70.25 -6.36 0.00	65.16 -5.59 0.00
EMPIRE_CC_1 323656	83.62 2.43 0.00	78.66 2.51 0.00	76.77 2.34 -1.25	75.58 2.18 -0.79	79.95 2.41 0.00	88.58 2.44 -1.96	131.26 2.92 -11.63	133.92 2.62 0.00	101.22 2.09 0.00	81.04 2.67 0.00	75.41 2.19 0.00	69.31 2.15 0.00	66.31 2.00 0.00	64.81 1.83 0.00	65.28 2.02 0.00	70.34 2.18 0.00	83.14 2.34 0.00	111.35 3.05 -3.21	137.27 3.08 -15.65	128.41 2.96 -26.57	110.92 2.67 -16.20	91.63 2.37 -7.43	80.08 2.52 -0.94	74.97 2.47 -1.75
EMPIRE_CC_2 323658	83.62 2.43 0.00	78.66 2.51 0.00	76.77 2.34 -1.25	75.58 2.18 -0.79	79.95 2.41 0.00	88.58 2.44 -1.96	131.26 2.92 -11.63	133.92 2.62 0.00	101.22 2.09 0.00	81.04 2.67 0.00	75.41 2.19 0.00	69.31 2.15 0.00	66.31 2.00 0.00	64.81 1.83 0.00	65.28 2.02 0.00	70.34 2.18 0.00	83.14 2.34 0.00	111.35 3.05 -3.21	137.27 3.08 -15.65	128.41 2.96 -26.57	110.92 2.67 -16.20	91.63 2.37 -7.43	80.08 2.52 -0.94	74.97 2.47 -1.75
ENORWICH_115KV_TB1 80156	87.69 6.50 0.00	82.17 6.02 0.00	79.18 5.71 -0.30	78.90 6.10 -0.19	84.29 6.75 0.00	92.56 7.91 -0.46	132.07 12.60 -2.76	144.69 13.39 0.00	108.16 9.02 0.00	83.93 5.56 0.00	77.25 4.03 0.00	70.39 3.22 0.00	66.89 2.57 0.00	65.38 2.39 0.00	65.66 2.40 0.00	70.95 2.79 0.00	85.48 4.69 0.00	114.07 8.20 -0.78	133.62 11.26 -3.82	114.65 9.29 -6.48	104.11 8.10 -3.95	89.85 6.22 -1.81	82.13 5.29 -0.23	75.28 4.10 -0.43
ERIE_ST__34_KV_TB1-2 80199	76.56 -4.63 0.00	71.20 -4.95 0.00	68.13 -5.05 0.00	68.04 -4.57 0.00	73.28 -4.26 0.00	79.98 -4.21 0.00	111.45 -5.25 0.00	125.12 -6.17 0.00	94.98 -4.16 0.00	74.14 -4.23 0.00	69.49 -3.73 0.00	63.60 -3.56 0.00	60.33 -3.99 0.00	59.08 -3.91 0.00	59.01 -4.24 0.00	63.32 -4.84 0.00	74.74 -6.06 0.00	98.47 -6.62 0.00	112.26 -6.28 0.00	93.93 -4.94 0.00	86.72 -5.34 0.00	76.50 -5.32 0.00	71.94 -4.67 0.00	66.50 -4.24 0.00
ERIE_WT_PWR 323693	75.75 -5.44 0.00	70.13 -6.02 0.00	67.47 -5.71 0.00	66.87 -5.74 0.00	72.50 -5.04 0.00	79.47 -4.71 0.00	110.76 -5.95 0.00	124.07 -7.22 0.00	94.19 -4.95 0.00	73.75 -4.62 0.00	68.90 -4.32 0.00	63.27 -3.90 0.00	59.88 -4.44 0.00	58.57 -4.41 0.00	58.44 -4.81 0.00	63.04 -5.11 0.00	74.17 -6.62 0.00	97.84 -7.25 0.00	112.14 -6.40 0.00	93.14 -5.74 0.00	85.89 -6.17 0.00	75.27 -6.55 0.00	71.02 -5.59 0.00	65.72 -5.02 0.00
ESPRGFLD_115KV_TB1 80157	85.74 4.55 0.00	80.26 4.11 0.00	80.30 3.88 -3.24	78.64 3.99 -2.04	81.89 4.34 0.00	94.47 5.22 -5.06	154.74 7.94 -30.09	140.22 8.93 0.00	104.69 5.55 0.00	81.82 3.45 0.00	75.93 2.71 0.00	69.58 2.42 0.00	66.38 2.06 0.00	65.13 2.14 0.00	65.47 2.21 0.00	70.75 2.59 0.00	84.92 4.12 0.00	119.48 6.10 -8.30	166.96 7.94 -40.48	174.23 6.62 -68.73	139.85 5.89 -41.90	105.88 4.83 -19.23	83.33 4.29 -2.43	78.82 3.54 -4.53
ETNA_115_KV_TB1_REV_LBMP_C 345029	81.84 0.65 0.00	76.61 0.46 0.00	73.68 0.37 -0.14	73.21 0.51 -0.09	78.16 0.62 0.00	85.50 1.09 -0.22	120.22 2.22 -1.30	133.27 1.97 0.00	100.13 0.99 0.00	78.61 0.24 0.00	72.93 -0.29 0.00	66.69 -0.47 0.00	63.61 -0.71 0.00	62.23 -0.76 0.00	62.43 -0.82 0.00	67.34 -0.82 0.00	80.39 -0.40 0.00	105.79 0.32 -0.38	121.96 1.54 -1.87	103.54 1.48 -3.18	95.01 1.01 -1.94	83.12 0.41 -0.89	76.88 0.15 -0.11	70.88 -0.07 -0.21
ETNA____115KV_TB2 80207	81.84 0.65 0.00	76.61 0.46 0.00	73.68 0.37 -0.14	73.21 0.51 -0.09	78.16 0.62 0.00	85.50 1.09 -0.22	120.22 2.22 -1.30	133.27 1.97 0.00	100.13 0.99 0.00	78.61 0.24 0.00	72.93 -0.29 0.00	66.69 -0.47 0.00	63.61 -0.71 0.00	62.23 -0.76 0.00	62.43 -0.82 0.00	67.34 -0.82 0.00	80.39 -0.40 0.00	105.79 0.32 -0.38	121.96 1.54 -1.87	103.54 1.48 -3.18	95.01 1.01 -1.94	83.12 0.41 -0.89	76.88 0.15 -0.11	70.88 -0.07 -0.21
EUCLID____115KV_TB2 356179	78.84 -2.35 0.00	73.87 -2.28 0.00	70.91 -2.27 0.00	70.43 -2.18 0.00	75.29 -2.25 0.00	82.00 -2.19 0.00	114.02 -2.68 0.00	127.49 -3.81 0.00	96.17 -2.97 0.00	75.78 -2.59 0.00	70.66 -2.56 0.00	64.68 -2.49 0.00	61.81 -2.51 0.00	60.47 -2.52 0.00	60.66 -2.59 0.00	65.36 -2.79 0.00	77.65 -3.15 0.00	101.41 -3.68 0.00	114.87 -3.67 0.00	95.91 -2.97 0.00	89.11 -2.95 0.00	78.96 -2.86 0.00	73.78 -2.83 0.00	68.13 -2.62 0.00
E_CANADA_CAP_HY 24051	87.36 6.17 0.00	81.87 5.71 0.00	82.88 5.49 -4.21	80.70 5.45 -2.64	83.60 6.05 0.00	97.82 7.07 -6.56	165.87 10.15 -39.01	142.71 11.42 0.00	105.98 6.84 0.00	82.29 3.92 0.00	76.44 3.22 0.00	69.85 2.69 0.00	66.70 2.38 0.00	65.63 2.64 0.00	66.03 2.78 0.00	71.56 3.41 0.00	86.37 5.57 0.00	124.04 8.20 -10.75	181.43 10.43 -52.45	196.65 8.70 -89.07	154.27 7.92 -54.30	113.53 6.79 -24.92	85.74 5.98 -3.15	81.86 5.24 -5.88
E_CANADA_MHWK_HY 24050	81.35 0.16 0.00	76.30 0.15 0.00	73.25 0.07 0.00	72.69 0.07 0.00	77.78 0.23 0.00	84.44 0.25 0.00	116.94 0.23 0.00	131.96 0.66 0.00	99.74 0.60 0.00	78.92 0.55 0.00	73.51 0.29 0.00	67.43 0.27 0.00	64.51 0.19 0.00	63.17 0.19 0.00	63.38 0.13 0.00	68.36 0.21 0.00	81.12 0.32 0.00	105.72 0.63 0.00	119.38 0.84 0.00	99.77 0.89 0.00	92.88 0.83 0.00	82.72 0.90 0.00	77.38 0.77 0.00	71.24 0.50 0.00
E_FISHKILL____LBMP 23776	86.97 2.60 -3.19	80.63 2.44 -2.04	77.30 2.34 -1.78	76.04 2.18 -1.25	80.02 2.25 -0.23	89.01 2.53 -2.30	129.02 3.50 -8.81	141.82 3.81 -6.71	112.02 3.47 -9.41	87.49 3.45 -5.67	80.48 2.71 -4.55	73.80 2.82 -3.81	70.00 2.64 -3.05	68.05 2.39 -2.67	68.34 2.53 -2.56	73.93 2.66 -3.12	89.37 3.07 -5.50	118.00 3.99 -8.91	136.27 4.50 -13.23	119.15 4.05 -16.22	107.97 3.68 -12.23	92.28 3.03 -7.43	82.83 2.83 -3.39	76.44 2.41 -3.29
FALCON____SEABRD_CC1 323796	83.87 2.68 0.00	78.97 2.82 0.00	76.25 3.07 0.00	76.46 3.85 0.00	80.72 3.18 0.00	84.78 0.59 0.00	114.25 -2.46 0.00	129.33 -1.97 0.00	96.86 -2.28 0.00	78.76 0.39 0.00	74.03 0.81 0.00	68.10 0.94 0.00	65.34 1.03 0.00	64.18 1.19 0.00	64.26 1.01 0.00	69.11 0.95 0.00	81.20 0.41 0.00	101.94 -3.15 0.00	114.04 -4.50 0.00	94.43 -4.45 0.00	89.11 -2.95 0.00	82.15 0.33 0.00	78.14 1.53 0.00	72.30 1.55 0.00

FALCON___SEABRD_CC2 323797	83.87 2.68 0.00	78.97 2.82 0.00	76.25 3.07 0.00	76.46 3.85 0.00	80.72 3.18 0.00	84.78 0.59 0.00	114.25 -2.46 0.00	129.33 -1.97 0.00	96.86 -2.28 0.00	78.76 0.39 0.00	74.03 0.81 0.00	68.10 0.94 0.00	65.34 1.03 0.00	64.18 1.19 0.00	64.26 1.01 0.00	69.11 0.95 0.00	81.20 0.41 0.00	101.94 -3.15 0.00	114.04 -4.50 0.00	94.43 -4.45 0.00	89.11 -2.95 0.00	82.15 0.33 0.00	78.14 1.53 0.00	72.30 1.55 0.00
FAR ROCKAWAY___4 23548	95.90 4.87 -9.84	87.34 4.87 -6.32	84.50 4.61 -6.71	87.75 4.43 -10.71	87.52 4.58 -5.40	103.83 5.14 -14.51	141.67 6.77 -18.20	159.14 7.09 -20.75	134.47 6.25 -29.09	101.55 5.64 -17.54	91.75 4.47 -14.06	83.49 4.57 -11.76	78.18 4.44 -9.42	75.41 4.16 -8.27	75.54 4.36 -7.92	82.29 4.50 -9.64	103.03 5.25 -16.98	137.28 7.15 -25.04	155.43 8.18 -28.70	135.86 7.51 -29.47	130.54 6.90 -31.58	121.66 5.81 -34.03	98.29 5.36 -16.32	102.23 4.53 -26.95
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	94.20 3.25 -9.76	85.46 3.05 -6.26	80.44 2.78 -4.48	78.45 2.61 -3.22	80.87 2.64 -0.69	92.84 3.11 -5.54	139.33 4.55 -18.08	157.12 5.25 -20.57	132.53 4.56 -28.83	100.30 4.55 -17.38	90.75 3.59 -13.94	82.65 3.83 -11.66	77.13 3.47 -9.34	74.39 3.21 -8.20	74.45 3.35 -7.85	81.25 3.54 -9.55	101.51 3.88 -16.83	135.07 5.15 -24.83	152.97 5.93 -28.50	133.42 5.24 -29.30	121.70 4.60 -25.04	102.73 3.85 -17.06	89.79 3.52 -9.66	82.45 2.97 -8.73
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	94.20 3.25 -9.76	85.46 3.05 -6.26	80.44 2.78 -4.48	78.45 2.61 -3.22	80.87 2.64 -0.69	92.84 3.11 -5.54	139.45 4.67 -18.08	157.12 5.25 -20.57	132.53 4.56 -28.83	100.30 4.55 -17.38	90.75 3.59 -13.94	82.58 3.76 -11.66	77.13 3.47 -9.34	74.39 3.21 -8.20	74.45 3.35 -7.85	81.25 3.54 -9.55	101.51 3.88 -16.83	134.96 5.04 -24.83	152.97 5.93 -28.50	133.42 5.24 -29.30	121.70 4.60 -25.04	102.73 3.85 -17.06	89.79 3.52 -9.66	82.45 2.97 -8.73
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	94.20 3.25 -9.76	85.38 2.97 -6.26	80.44 2.78 -4.48	78.38 2.54 -3.22	80.87 2.64 -0.69	92.84 3.11 -5.54	139.33 4.55 -18.08	157.12 5.25 -20.57	132.53 4.56 -28.83	100.22 4.47 -17.38	90.75 3.59 -13.94	82.58 3.76 -11.66	77.13 3.47 -9.34	74.33 3.15 -8.20	74.39 3.29 -7.85	81.19 3.48 -9.55	101.51 3.88 -16.83	134.96 5.04 -24.83	152.97 5.93 -28.50	133.32 5.14 -29.30	121.70 4.60 -25.04	102.64 3.76 -17.06	89.72 3.45 -9.66	82.38 2.90 -8.73
FARRAGUT___LBMP 323566	94.12 3.17 -9.76	85.31 2.89 -6.26	80.36 2.71 -4.48	78.30 2.47 -3.22	80.79 2.56 -0.69	92.75 3.03 -5.54	139.22 4.43 -18.08	156.86 4.99 -20.57	132.43 4.46 -28.83	100.14 4.39 -17.38	90.67 3.51 -13.94	82.52 3.69 -11.66	77.06 3.41 -9.34	74.27 3.09 -8.20	74.33 3.23 -7.85	81.12 3.41 -9.55	101.43 3.80 -16.83	134.86 4.94 -24.83	152.85 5.81 -28.50	133.22 5.04 -29.30	121.61 4.51 -25.04	102.56 3.68 -17.06	89.72 3.45 -9.66	82.31 2.83 -8.73
FENNER___WINDPWR 24204	82.57 1.38 0.00	77.30 1.14 0.00	74.28 1.10 0.00	73.70 1.09 0.00	78.86 1.32 0.00	85.96 1.77 0.00	119.73 3.03 0.00	134.44 3.15 0.00	101.22 2.09 0.00	79.55 1.18 0.00	74.03 0.81 0.00	67.90 0.74 0.00	64.90 0.58 0.00	63.49 0.50 0.00	63.63 0.38 0.00	68.64 0.48 0.00	81.69 0.89 0.00	106.98 1.89 0.00	121.51 2.96 0.00	101.35 2.47 0.00	94.08 2.02 0.00	83.21 1.39 0.00	77.68 1.07 0.00	71.45 0.71 0.00
FIBERTEK___ENERGY 23856	80.14 -1.06 0.00	75.08 -1.07 0.00	72.08 -1.10 0.00	71.60 -1.02 0.00	76.54 -1.01 0.00	83.43 -0.76 0.00	116.12 -0.58 0.00	129.98 -1.31 0.00	97.95 -1.19 0.00	77.19 -1.18 0.00	71.83 -1.39 0.00	65.75 -1.41 0.00	62.77 -1.54 0.00	61.41 -1.57 0.00	61.61 -1.64 0.00	66.38 -1.77 0.00	79.02 -1.78 0.00	103.30 -1.79 0.00	117.12 -1.42 0.00	97.79 -1.09 0.00	90.77 -1.29 0.00	80.35 -1.47 0.00	75.00 -1.61 0.00	69.19 -1.56 0.00
FITZPATRICK____ 23598	77.86 -3.33 0.00	72.88 -3.27 0.00	70.03 -3.14 0.00	69.42 -3.19 0.00	74.36 -3.18 0.00	80.90 -3.28 0.00	112.39 -4.32 0.00	125.79 -5.51 0.00	94.98 -4.16 0.00	74.92 -3.45 0.00	69.93 -3.29 0.00	64.07 -3.09 0.00	61.23 -3.09 0.00	59.96 -3.02 0.00	60.15 -3.10 0.00	64.89 -3.27 0.00	77.00 -3.80 0.00	100.47 -4.62 0.00	113.80 -4.75 0.00	94.82 -4.06 0.00	88.10 -3.96 0.00	78.06 -3.76 0.00	73.01 -3.60 0.00	67.42 -3.32 0.00
FLOWRFLD_69_KV_BK1 356044	95.66 4.63 -9.84	87.26 4.80 -6.32	84.43 4.54 -6.71	87.75 4.43 -10.71	87.60 4.65 -5.40	104.17 5.47 -14.51	141.56 6.65 -18.20	158.88 6.83 -20.75	134.28 6.05 -29.09	101.24 5.33 -17.54	91.24 3.95 -14.06	82.96 4.03 -11.76	77.85 4.12 -9.42	75.09 3.84 -8.27	75.35 4.17 -7.92	82.22 4.43 -9.64	102.95 5.17 -16.98	138.22 8.09 -25.04	155.78 8.54 -28.70	136.75 8.40 -29.47	131.27 7.64 -31.58	122.15 6.30 -34.03	98.60 5.67 -16.32	102.86 5.16 -26.95
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	84.76 3.57 0.00	79.50 3.35 0.00	76.79 3.15 -0.47	75.95 3.05 -0.29	80.72 3.18 0.00	88.62 3.70 -0.73	126.16 5.14 -4.32	137.20 5.91 0.00	103.90 4.76 0.00	82.68 4.31 0.00	76.51 3.29 0.00	70.45 3.29 0.00	67.34 3.02 0.00	65.76 2.77 0.00	66.23 2.97 0.00	71.43 3.27 0.00	84.76 3.96 0.00	111.75 5.46 -1.19	130.77 6.40 -5.82	114.35 5.54 -9.93	102.99 4.88 -6.06	88.68 4.09 -2.77	80.79 3.83 -0.35	74.58 3.18 -0.65
FORT ORANGE____ 23900	84.60 3.41 0.00	79.35 3.20 0.00	78.51 2.93 -2.40	76.88 2.76 -1.51	80.56 3.02 0.00	91.29 3.37 -3.74	143.38 4.43 -22.24	135.23 3.94 0.00	101.82 2.68 0.00	80.88 2.51 0.00	75.34 2.12 0.00	69.18 2.01 0.00	66.18 1.87 0.00	64.69 1.70 0.00	65.09 1.84 0.00	70.27 2.12 0.00	83.31 2.51 0.00	114.48 3.26 -6.13	152.23 3.79 -29.90	153.01 3.36 -50.77	126.04 3.03 -30.95	98.57 2.54 -14.21	81.16 2.75 -1.80	77.07 2.97 -3.35
FORT_DRUM_COGEN 23780	84.84 3.65 0.00	79.43 3.27 0.00	76.33 3.15 0.00	75.95 3.34 0.00	81.11 3.57 0.00	88.39 4.21 0.00	124.41 7.70 0.00	139.96 8.67 0.00	104.10 4.96 0.00	80.88 2.51 0.00	76.59 3.37 0.00	68.51 1.34 0.00	66.83 2.51 0.00	65.25 2.27 0.00	64.96 1.71 0.00	69.18 1.02 0.00	81.69 0.89 0.00	107.93 2.84 0.00	123.64 5.10 0.00	103.62 4.75 0.00	96.20 4.14 0.00	84.77 2.95 0.00	79.14 2.53 0.00	74.21 3.47 0.00
FOX_HILLS___ESR 323835	94.59 3.65 -9.74	85.75 3.35 -6.25	80.72 3.07 -4.47	78.66 2.83 -3.22	81.18 2.95 -0.69	93.16 3.45 -5.53	139.88 5.14 -18.04	155.77 5.91 -18.57	132.96 5.06 -28.77	100.65 4.94 -17.34	91.15 4.03 -13.90	82.95 4.16 -11.63	77.49 3.86 -9.31	74.75 3.59 -8.17	74.81 3.73 -7.83	81.57 3.88 -9.52	101.94 4.28 -16.86	135.39 5.46 -24.84	153.69 6.64 -28.51	133.93 5.73 -29.31	123.62 5.06 -26.50	123.41 4.42 -37.17	90.34 3.98 -9.75	83.03 3.47 -8.82
FPL FAR_ROCK_GT1 24212	95.90 4.87 -9.84	87.28 4.80 -6.32	84.36 4.46 -6.72	87.47 4.14 -10.72	87.52 4.57 -5.41	103.75 5.05 -14.52	141.55 6.65 -18.20	159.27 7.22 -20.75	134.48 6.25 -29.09	101.47 5.56 -17.54	91.90 4.62 -14.06	83.43 4.50 -11.76	78.43 4.69 -9.42	75.60 4.34 -8.27	75.73 4.56 -7.92	82.49 4.70 -9.64	103.11 5.33 -16.98	137.80 7.67 -25.04	155.90 8.65 -28.70	136.35 8.01 -29.47	130.83 7.19 -31.58	121.83 5.97 -34.04	98.30 5.36 -16.33	102.58 4.88 -26.96

FPL FAR_ROCK_GT2 23815	95.90 4.87 -9.84	87.28 4.80 -6.32	84.36 4.46 -6.72	87.47 4.14 -10.72	87.52 4.57 -5.41	103.75 5.05 -14.52	141.55 6.65 -18.20	159.27 7.22 -20.75	134.48 6.25 -29.09	101.47 5.56 -17.54	91.90 4.62 -14.06	83.43 4.50 -11.76	78.43 4.69 -9.42	75.60 4.34 -8.27	75.73 4.56 -7.92	82.49 4.70 -9.64	103.11 5.33 -16.98	137.80 7.67 -25.04	155.90 8.65 -28.70	136.35 8.01 -29.47	130.83 7.19 -31.58	121.83 5.97 -34.04	98.30 5.36 -16.33	102.58 4.88 -26.96
FRANKLIN_FALL_HYD 24054	83.55 2.35 0.00	78.66 2.51 0.00	75.81 2.63 0.00	75.30 2.69 0.00	80.18 2.64 0.00	86.29 2.10 0.00	119.62 2.92 0.00	135.10 3.81 0.00	100.83 1.69 0.00	79.70 1.33 0.00	77.47 4.25 0.00	69.51 2.35 0.00	68.37 4.05 0.00	67.20 4.22 0.00	67.11 3.86 0.00	71.29 3.14 0.00	82.74 1.94 0.00	107.61 2.52 0.00	121.03 2.49 0.00	100.56 1.68 0.00	93.53 1.47 0.00	83.21 1.39 0.00	78.37 1.76 0.00	74.64 3.89 0.00
FREEPORT_EQUS_GT1 23764	95.33 4.30 -9.84	86.74 4.26 -6.32	83.85 3.95 -6.72	86.96 3.63 -10.72	86.98 4.03 -5.41	103.16 4.46 -14.52	140.16 5.26 -18.20	157.56 5.51 -20.75	133.28 5.05 -29.09	100.77 4.86 -17.54	91.24 3.95 -14.06	82.89 3.96 -11.76	77.98 4.24 -9.42	75.16 3.91 -8.27	75.34 4.17 -7.92	82.02 4.23 -9.64	102.55 4.77 -16.98	136.75 6.62 -25.04	154.60 7.35 -28.70	135.37 7.02 -29.47	129.81 6.17 -31.58	121.02 5.16 -34.04	97.85 4.91 -16.33	102.17 4.46 -26.96
FREEPORT___CT2 23818	95.33 4.30 -9.84	86.74 4.26 -6.32	83.85 3.95 -6.72	86.96 3.63 -10.72	86.98 4.03 -5.41	103.16 4.46 -14.52	140.16 5.26 -18.20	157.56 5.51 -20.75	133.28 5.05 -29.09	100.77 4.86 -17.54	91.24 3.95 -14.06	82.89 3.96 -11.76	77.98 4.24 -9.42	75.16 3.91 -8.27	75.34 4.17 -7.92	82.02 4.23 -9.64	102.55 4.77 -16.98	136.75 6.62 -25.04	154.60 7.35 -28.70	135.37 7.02 -29.47	129.81 6.17 -31.58	121.02 5.16 -34.04	97.85 4.91 -16.33	102.17 4.46 -26.96
FRESHKLS_33_KV_LOAD 356253	94.33 3.41 -9.73	85.44 3.05 -6.24	80.42 2.78 -4.46	78.43 2.61 -3.21	80.86 2.64 -0.68	92.90 3.20 -5.52	139.41 4.67 -18.04	155.38 5.51 -18.57	132.56 4.66 -28.77	100.41 4.70 -17.34	90.86 3.73 -13.90	82.69 3.90 -11.63	77.23 3.60 -9.31	74.49 3.34 -8.17	74.62 3.54 -7.83	81.36 3.68 -9.52	101.69 4.04 -16.86	135.17 5.25 -24.83	153.45 6.40 -28.50	133.62 5.44 -29.31	123.35 4.79 -26.50	123.17 4.17 -37.17	90.10 3.75 -9.74	82.70 3.25 -8.70
FULTON COGEN____ 23766	80.54 -0.65 0.00	75.39 -0.76 0.00	72.37 -0.80 0.00	71.89 -0.73 0.00	76.85 -0.70 0.00	83.85 -0.34 0.00	117.05 0.35 0.00	130.90 -0.39 0.00	98.54 -0.59 0.00	77.35 -1.02 0.00	72.05 -1.17 0.00	65.75 -1.41 0.00	62.84 -1.48 0.00	61.41 -1.57 0.00	61.54 -1.71 0.00	66.32 -1.84 0.00	79.02 -1.78 0.00	103.41 -1.68 0.00	117.60 -0.95 0.00	98.19 -0.69 0.00	91.14 -0.92 0.00	80.59 -1.23 0.00	75.15 -1.46 0.00	69.47 -1.27 0.00
FULTON___LFGE 323630	87.44 6.25 0.00	81.87 5.71 0.00	83.34 5.56 -4.61	80.95 5.45 -2.89	83.60 6.05 0.00	98.44 7.07 -7.18	169.69 10.27 -42.71	142.85 11.56 0.00	106.28 7.14 0.00	82.76 4.39 0.00	76.81 3.59 0.00	70.19 3.03 0.00	67.02 2.70 0.00	65.88 2.90 0.00	66.29 3.04 0.00	71.83 3.68 0.00	86.45 5.65 0.00	125.16 8.30 -11.77	186.51 10.55 -57.42	205.08 8.70 -97.50	159.42 7.92 -59.44	115.82 6.71 -27.28	86.04 5.98 -3.45	82.49 5.31 -6.43
G.F.CEMENT___DRP 24184	88.58 7.39 0.00	82.93 6.78 0.00	84.29 6.66 -4.45	82.08 6.68 -2.79	84.68 7.13 0.00	99.46 8.42 -6.86	169.98 12.02 -41.25	144.82 13.52 0.00	108.86 9.72 0.00	85.82 7.45 0.00	79.30 6.08 0.00	72.74 5.57 0.00	69.01 4.70 0.00	67.46 4.47 0.00	68.00 4.74 0.00	73.75 5.59 0.00	88.23 7.43 0.00	126.80 10.40 -11.31	185.93 12.21 -55.17	202.65 10.09 -93.69	158.38 9.21 -57.12	116.06 8.02 -26.22	87.36 7.43 -3.32	83.58 6.65 -6.18
GARDENVILLE___LBMP 24039	75.26 -5.93 0.00	70.06 -6.09 0.00	67.03 -6.15 0.00	66.95 -5.66 0.00	72.12 -5.43 0.00	78.63 -5.56 0.00	109.47 -7.24 0.00	122.89 -8.40 0.00	93.29 -5.85 0.00	72.88 -5.49 0.00	68.24 -4.98 0.00	62.53 -4.63 0.00	59.30 -5.02 0.00	58.07 -4.91 0.00	57.94 -5.31 0.00	62.23 -5.93 0.00	73.36 -7.43 0.00	96.47 -8.62 0.00	109.89 -8.65 0.00	91.96 -6.92 0.00	84.97 -7.09 0.00	75.03 -6.79 0.00	70.71 -5.90 0.00	65.51 -5.24 0.00
GARDNVLA_35_KV_LD 355827	75.67 -5.52 0.00	70.36 -5.79 0.00	67.32 -5.85 0.00	67.24 -5.37 0.00	72.50 -5.04 0.00	79.05 -5.14 0.00	109.94 -6.77 0.00	123.55 -7.75 0.00	93.89 -5.25 0.00	73.28 -5.09 0.00	68.68 -4.54 0.00	62.86 -4.30 0.00	59.62 -4.70 0.00	58.39 -4.60 0.00	58.32 -4.93 0.00	62.57 -5.59 0.00	73.77 -7.03 0.00	97.00 -8.09 0.00	110.48 -8.06 0.00	92.45 -6.43 0.00	85.43 -6.63 0.00	75.44 -6.38 0.00	71.09 -5.52 0.00	65.86 -4.88 0.00
GELCKHM___115KV_LOAD 80723	79.32 -1.87 0.00	74.25 -1.90 0.00	71.35 -1.83 0.00	70.80 -1.82 0.00	75.68 -1.86 0.00	82.50 -1.68 0.00	114.84 -1.87 0.00	128.41 -2.89 0.00	96.86 -2.28 0.00	76.25 -2.12 0.00	71.10 -2.12 0.00	65.08 -2.08 0.00	62.20 -2.12 0.00	60.84 -2.14 0.00	61.04 -2.21 0.00	65.77 -2.39 0.00	78.21 -2.59 0.00	102.15 -2.94 0.00	115.70 -2.85 0.00	96.60 -2.27 0.00	89.75 -2.30 0.00	79.45 -2.37 0.00	74.24 -2.37 0.00	68.48 -2.26 0.00
GENERAL___MILLS 23808	75.51 -5.68 0.00	70.21 -5.94 0.00	67.25 -5.93 0.00	67.17 -5.45 0.00	72.35 -5.20 0.00	78.88 -5.30 0.00	109.82 -6.89 0.00	123.29 -8.01 0.00	93.59 -5.55 0.00	73.04 -5.33 0.00	68.53 -4.69 0.00	62.73 -4.43 0.00	59.49 -4.82 0.00	58.26 -4.72 0.00	58.13 -5.12 0.00	62.43 -5.73 0.00	73.61 -7.19 0.00	96.79 -8.30 0.00	110.13 -8.42 0.00	92.25 -6.62 0.00	85.15 -6.90 0.00	75.28 -6.55 0.00	70.94 -5.67 0.00	65.72 -5.02 0.00
GE_PLASTICS___DRP 24183	83.71 2.52 0.00	78.51 2.36 0.00	77.35 2.20 -1.98	76.03 2.18 -1.24	79.95 2.40 0.00	89.80 2.53 -3.09	138.33 3.27 -18.36	134.71 3.41 0.00	101.72 2.58 0.00	80.88 2.51 0.00	75.20 1.98 0.00	69.18 2.01 0.00	66.12 1.80 0.00	64.69 1.70 0.00	65.02 1.77 0.00	70.20 2.04 0.00	83.14 2.34 0.00	113.09 2.94 -5.06	146.54 3.32 -24.68	143.75 2.97 -41.91	120.37 2.76 -25.55	95.92 2.37 -11.73	80.47 2.37 -1.48	75.70 2.19 -2.76
GILBOA___1 23756	82.81 1.62 0.00	77.75 1.60 0.00	74.93 1.46 -0.29	74.10 1.31 -0.18	79.01 1.47 0.00	86.32 1.68 -0.45	121.38 1.98 -2.69	133.39 2.09 0.00	100.82 1.68 0.00	80.17 1.80 0.00	74.83 1.61 0.00	68.77 1.61 0.00	65.80 1.48 0.00	64.31 1.32 0.00	64.71 1.46 0.00	69.65 1.50 0.00	82.41 1.62 0.00	107.83 1.99 -0.75	124.55 2.37 -3.64	107.33 2.28 -6.18	97.94 2.12 -3.77	85.27 1.72 -1.73	78.59 1.76 -0.22	72.78 1.63 -0.41
GILBOA___2 23757	82.81 1.62 0.00	77.75 1.60 0.00	74.93 1.46 -0.29	74.10 1.31 -0.18	79.01 1.47 0.00	86.32 1.68 -0.45	121.38 1.98 -2.69	133.39 2.09 0.00	100.82 1.68 0.00	80.17 1.80 0.00	74.83 1.61 0.00	68.77 1.61 0.00	65.80 1.48 0.00	64.31 1.32 0.00	64.71 1.46 0.00	69.65 1.50 0.00	82.41 1.62 0.00	107.83 1.99 -0.75	124.55 2.37 -3.64	107.33 2.28 -6.18	97.94 2.12 -3.77	85.27 1.72 -1.73	78.59 1.76 -0.22	72.78 1.63 -0.41

GILBOA___3 23758	82.81 1.62 0.00	77.75 1.60 0.00	74.93 1.46 -0.29	74.10 1.31 -0.18	79.01 1.47 0.00	86.32 1.68 -0.45	121.38 1.98 -2.69	133.39 2.09 0.00	100.82 1.68 0.00	80.17 1.80 0.00	74.83 1.61 0.00	68.77 1.61 0.00	65.80 1.48 0.00	64.31 1.32 0.00	64.71 1.46 0.00	69.65 1.50 0.00	82.41 1.62 0.00	107.83 1.99 -0.75	124.55 2.37 -3.64	107.33 2.28 -6.18	97.94 2.12 -3.77	85.27 1.72 -1.73	78.59 1.76 -0.22	72.78 1.63 -0.41
GILBOA___4 23759	82.81 1.62 0.00	77.75 1.60 0.00	74.93 1.46 -0.29	74.10 1.31 -0.18	79.01 1.47 0.00	86.32 1.68 -0.45	121.38 1.98 -2.69	133.39 2.09 0.00	100.82 1.68 0.00	80.17 1.80 0.00	74.83 1.61 0.00	68.77 1.61 0.00	65.80 1.48 0.00	64.31 1.32 0.00	64.71 1.46 0.00	69.65 1.50 0.00	82.41 1.62 0.00	107.83 1.99 -0.75	124.55 2.37 -3.64	107.33 2.28 -6.18	97.94 2.12 -3.77	85.27 1.72 -1.73	78.59 1.76 -0.22	72.78 1.63 -0.41
GILBOA___ 23599	82.81 1.62 0.00	77.67 1.52 0.00	74.93 1.46 -0.29	74.25 1.45 -0.18	79.02 1.47 0.00	86.32 1.68 -0.45	121.38 1.98 -2.69	133.40 2.10 0.00	100.92 1.78 0.00	80.17 1.80 0.00	74.61 1.39 0.00	68.77 1.61 0.00	65.73 1.41 0.00	64.24 1.26 0.00	64.64 1.39 0.00	69.66 1.50 0.00	82.33 1.54 0.00	107.62 1.79 -0.75	124.31 2.13 -3.64	107.03 1.98 -6.18	97.75 1.93 -3.77	85.19 1.64 -1.73	78.59 1.76 -0.22	72.64 1.49 -0.41
GINNA___ 23603	73.88 -7.31 0.00	69.07 -7.08 0.00	66.15 -7.03 0.00	65.64 -6.97 0.00	70.64 -6.90 0.00	77.53 -6.65 0.00	108.07 -8.63 0.00	120.79 -10.51 0.00	91.60 -7.54 0.00	71.71 -6.66 0.00	66.85 -6.37 0.00	61.32 -5.84 0.00	58.21 -6.11 0.00	57.06 -5.92 0.00	56.99 -6.26 0.00	61.55 -6.61 0.00	72.96 -7.84 0.00	96.05 -9.04 0.00	109.18 -9.37 0.00	90.87 -8.01 0.00	83.86 -8.19 0.00	73.89 -7.94 0.00	69.26 -7.35 0.00	63.88 -6.86 0.00
GLEN PARK___ 23778	85.49 4.30 0.00	79.96 3.81 0.00	76.84 3.66 0.00	76.68 4.06 0.00	81.73 4.18 0.00	89.15 4.97 0.00	125.46 8.76 0.00	140.88 9.58 0.00	104.69 5.55 0.00	81.19 2.82 0.00	75.05 1.83 0.00	70.11 2.95 0.00	66.76 2.44 0.00	65.19 2.20 0.00	64.89 1.64 0.00	69.86 1.70 0.00	82.01 1.21 0.00	108.45 3.36 0.00	124.70 6.16 0.00	104.51 5.63 0.00	96.93 4.88 0.00	85.34 3.52 0.00	79.60 2.98 0.00	72.94 2.20 0.00
GLENDALE_27_KV_LOAD 356172	94.91 3.98 -9.74	86.05 3.66 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.49 3.26 -0.69	93.59 3.87 -5.53	140.36 5.60 -18.06	158.27 6.43 -20.54	133.37 5.45 -28.78	100.90 5.17 -17.36	108.18 4.25 -30.71	89.79 4.37 -18.26	94.49 4.05 -26.12	91.68 3.72 -24.98	74.95 3.86 -7.84	88.64 4.09 -16.39	102.12 4.52 -16.80	135.76 5.89 -24.78	154.11 7.11 -28.46	134.17 6.03 -29.26	122.40 5.34 -25.00	103.44 4.58 -17.03	90.47 4.21 -9.65	83.07 3.61 -8.72
GLENWOOD_IC_1_G5 23712	95.34 4.30 -9.84	86.81 4.34 -6.32	83.99 4.10 -6.71	87.24 3.92 -10.71	87.05 4.11 -5.40	103.32 4.63 -14.51	140.85 5.95 -18.20	158.35 6.30 -20.75	133.88 5.65 -29.09	101.16 5.25 -17.54	91.38 4.10 -14.06	83.16 4.23 -11.76	77.85 4.12 -9.42	75.09 3.84 -8.27	75.22 4.05 -7.92	82.02 4.23 -9.64	102.63 4.85 -16.98	136.85 6.73 -25.04	154.83 7.59 -28.70	135.27 6.92 -29.47	129.89 6.26 -31.58	121.09 5.24 -34.03	97.83 4.90 -16.32	101.87 4.17 -26.95
GLENWOOD_IC_2_G1 23688	94.93 3.90 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.60 3.27 -10.72	86.60 3.65 -5.41	102.74 4.04 -14.52	140.16 5.26 -18.20	157.69 5.64 -20.75	133.38 5.15 -29.09	100.61 4.70 -17.54	91.16 3.88 -14.06	82.75 3.83 -11.76	77.79 4.05 -9.42	74.97 3.72 -8.27	75.16 3.99 -7.92	81.81 4.02 -9.64	102.38 4.60 -16.98	136.65 6.52 -25.04	154.60 7.35 -28.70	135.17 6.82 -29.47	129.62 5.98 -31.58	120.93 5.07 -34.04	97.46 4.52 -16.33	101.88 4.17 -26.96
GLENWOOD_IC_3_G1 23689	94.93 3.90 -9.84	86.36 3.88 -6.32	83.48 3.58 -6.72	86.60 3.27 -10.72	86.60 3.65 -5.41	102.74 4.04 -14.52	140.16 5.26 -18.20	157.69 5.64 -20.75	133.38 5.15 -29.09	100.61 4.70 -17.54	91.16 3.88 -14.06	82.75 3.83 -11.76	77.79 4.05 -9.42	74.97 3.72 -8.27	75.16 3.99 -7.92	81.81 4.02 -9.64	102.38 4.60 -16.98	136.65 6.52 -25.04	154.60 7.35 -28.70	135.17 6.82 -29.47	129.62 5.98 -31.58	120.93 5.07 -34.04	97.46 4.52 -16.33	101.88 4.17 -26.96
GLENWOOD___4 23550	95.34 4.30 -9.84	86.81 4.34 -6.32	83.99 4.10 -6.71	87.24 3.92 -10.71	87.05 4.11 -5.40	103.32 4.63 -14.51	140.85 5.95 -18.20	158.35 6.30 -20.75	133.88 5.65 -29.09	101.16 5.25 -17.54	91.38 4.10 -14.06	83.16 4.23 -11.76	77.85 4.12 -9.42	75.09 3.84 -8.27	75.22 4.05 -7.92	82.02 4.23 -9.64	102.63 4.85 -16.98	136.85 6.73 -25.04	154.83 7.59 -28.70	135.27 6.92 -29.47	129.89 6.26 -31.58	121.09 5.24 -34.03	97.83 4.90 -16.32	101.87 4.17 -26.95
GLENWOOD___5 23614	95.34 4.30 -9.84	86.81 4.34 -6.32	83.99 4.10 -6.71	87.24 3.92 -10.71	87.05 4.11 -5.40	103.32 4.63 -14.51	140.85 5.95 -18.20	158.35 6.30 -20.75	133.88 5.65 -29.09	101.16 5.25 -17.54	91.38 4.10 -14.06	83.16 4.23 -11.76	77.85 4.12 -9.42	75.09 3.84 -8.27	75.22 4.05 -7.92	82.02 4.23 -9.64	102.63 4.85 -16.98	136.85 6.73 -25.04	154.83 7.59 -28.70	135.27 6.92 -29.47	129.89 6.26 -31.58	121.09 5.24 -34.03	97.83 4.90 -16.32	101.87 4.17 -26.95
GLOBAL GREEN_PORT_GT1 23814	95.99 4.95 -9.84	87.73 5.25 -6.32	85.02 5.12 -6.72	88.41 5.08 -10.72	88.69 5.74 -5.41	105.52 6.82 -14.52	144.01 9.11 -18.20	161.90 9.85 -20.75	136.45 8.22 -29.09	102.41 6.50 -17.54	92.56 5.27 -14.06	83.90 4.97 -11.76	79.20 5.46 -9.42	76.23 4.97 -8.27	76.49 5.31 -7.92	83.25 5.45 -9.64	104.00 6.22 -16.98	140.85 10.72 -25.04	159.46 12.21 -28.70	139.72 11.37 -29.47	133.77 10.13 -31.58	124.12 8.26 -34.04	100.22 7.28 -16.33	104.85 7.14 -26.96
GLOBE___DSASP 323697	72.18 -9.01 0.00	67.09 -9.06 0.00	64.18 -9.00 0.00	64.12 -8.50 0.00	69.17 -8.37 0.00	75.35 -8.84 0.00	104.57 -12.14 0.00	116.72 -14.57 0.00	88.83 -10.31 0.00	69.36 -9.01 0.00	65.09 -8.13 0.00	59.57 -7.59 0.00	56.60 -7.72 0.00	55.43 -7.56 0.00	55.35 -7.91 0.00	59.36 -8.79 0.00	69.81 -10.99 0.00	91.53 -13.56 0.00	104.08 -14.46 0.00	87.11 -11.77 0.00	80.55 -11.51 0.00	71.51 -10.31 0.00	67.57 -9.04 0.00	62.82 -7.92 0.00
GOETHSLN___LBMP 323567	93.54 2.60 -9.76	84.85 2.44 -6.26	79.85 2.20 -4.48	77.87 2.03 -3.22	80.25 2.02 -0.69	92.16 2.44 -5.54	130.54 3.62 -10.21	135.62 4.20 -0.12	102.51 3.77 0.39	96.93 3.84 -14.72	86.30 3.00 -10.08	82.05 3.22 -11.66	76.61 2.96 -9.34	73.89 2.71 -8.20	73.95 2.85 -7.85	80.71 3.00 -9.55	87.23 3.23 -3.20	96.51 4.31 12.89	116.29 5.10 7.35	99.01 4.45 4.31	93.80 3.87 2.12	88.00 3.19 -2.98	89.18 2.91 -9.66	81.88 2.41 -8.73
GOLAH___69_KV_TB 1_2 80279	76.32 -4.87 0.00	71.28 -4.87 0.00	68.20 -4.98 0.00	68.11 -4.50 0.00	73.20 -4.34 0.00	80.14 -4.04 0.00	111.80 -4.90 0.00	124.86 -6.43 0.00	94.48 -4.66 0.00	73.59 -4.78 0.00	68.61 -4.61 0.00	62.73 -4.43 0.00	59.56 -4.76 0.00	58.45 -4.53 0.00	58.38 -4.87 0.00	62.84 -5.32 0.00	74.41 -6.38 0.00	97.73 -7.36 0.00	111.19 -7.35 0.00	93.24 -5.64 0.00	86.26 -5.80 0.00	76.42 -5.40 0.00	71.63 -4.98 0.00	66.36 -4.39 0.00

GOODYEAR_LAKE_HYD 323669	84.19 3.00 0.00	78.89 2.74 0.00	77.16 2.56 -1.42	76.12 2.61 -0.89	80.41 2.87 0.00	89.86 3.45 -2.22	135.28 5.37 -13.21	137.20 5.91 0.00	103.11 3.97 0.00	81.27 2.90 0.00	75.56 2.34 0.00	69.31 2.15 0.00	66.18 1.87 0.00	64.75 1.76 0.00	65.09 1.83 0.00	70.20 2.04 0.00	83.71 2.91 0.00	113.05 4.31 -3.65	141.79 5.45 -17.79	133.64 4.55 -30.22	114.44 3.96 -18.42	93.47 3.19 -8.46	80.52 2.83 -1.07	75.00 2.26 -1.99
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	80.46 -0.73 0.00	75.24 -0.91 0.00	72.43 -0.95 -0.20	71.94 -0.80 -0.12	76.85 -0.70 0.00	84.07 -0.42 -0.31	118.31 -0.23 -1.83	130.51 -0.79 0.00	98.45 -0.69 0.00	77.59 -0.78 0.00	72.20 -1.03 0.00	66.16 -1.01 0.00	63.16 -1.16 0.00	61.72 -1.26 0.00	61.92 -1.33 0.00	66.66 -1.50 0.00	79.18 -1.62 0.00	104.15 -1.47 -0.53	120.29 -0.83 -2.57	102.75 -0.49 -4.37	93.89 -0.83 -2.66	81.90 -1.15 -1.22	75.69 -1.07 -0.15	69.97 -1.06 -0.29
GOUDEY___7 23579	80.46 -0.73 0.00	75.24 -0.91 0.00	72.43 -0.95 -0.20	71.94 -0.80 -0.12	76.85 -0.70 0.00	84.07 -0.42 -0.31	118.31 -0.23 -1.83	130.51 -0.79 0.00	98.45 -0.69 0.00	77.59 -0.78 0.00	72.20 -1.03 0.00	66.16 -1.01 0.00	63.16 -1.16 0.00	61.72 -1.26 0.00	61.92 -1.33 0.00	66.66 -1.50 0.00	79.18 -1.62 0.00	104.15 -1.47 -0.53	120.29 -0.83 -2.57	102.75 -0.49 -4.37	93.89 -0.83 -2.66	81.90 -1.15 -1.22	75.69 -1.07 -0.15	69.97 -1.06 -0.29
GOUDEY___8 23580	80.46 -0.73 0.00	75.24 -0.91 0.00	72.43 -0.95 -0.20	71.94 -0.80 -0.12	76.85 -0.70 0.00	84.07 -0.42 -0.31	118.31 -0.23 -1.83	130.51 -0.79 0.00	98.45 -0.69 0.00	77.59 -0.78 0.00	72.20 -1.03 0.00	66.16 -1.01 0.00	63.16 -1.16 0.00	61.72 -1.26 0.00	61.92 -1.33 0.00	66.66 -1.50 0.00	79.18 -1.62 0.00	104.15 -1.47 -0.53	120.29 -0.83 -2.57	102.75 -0.49 -4.37	93.89 -0.83 -2.66	81.90 -1.15 -1.22	75.69 -1.07 -0.15	69.97 -1.06 -0.29
GOWANUS_GT1_1 24077	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT1_2 24078	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT1_3 24079	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT1_4 24080	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT1_5 24084	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT1_6 24111	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT1_7 24112	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT1_8 24113	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT2_1 24114	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT2_2 24115	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT2_3 24116	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82

GOWANUS_GT2_4 24117	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT2_5 24118	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT2_6 24119	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT2_7 24120	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT2_8 24121	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT3_1 24122	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT3_2 24123	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT3_3 24124	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT3_4 24125	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT3_5 24126	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT3_6 24127	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT3_7 24128	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT3_8 24129	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
GOWANUS_GT4_1 24130	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT4_2 24131	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82

GOWANUS_GT4_3 24132	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT4_4 24133	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT4_5 24134	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT4_6 24135	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT4_7 24136	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GOWANUS_GT4_8 24137	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GREENBSH_115KV_TB3 55895	84.19 3.00 0.00	78.97 2.82 0.00	78.30 2.63 -2.48	76.79 2.61 -1.56	80.33 2.79 0.00	91.09 3.03 -3.87	143.60 3.85 -23.05	135.37 4.07 0.00	102.21 3.07 0.00	81.27 2.90 0.00	75.56 2.34 0.00	69.58 2.42 0.00	66.44 2.12 0.00	64.94 1.95 0.00	65.34 2.09 0.00	70.54 2.39 0.00	83.54 2.75 0.00	114.91 3.47 -6.35	153.43 3.91 -30.98	154.94 3.46 -52.60	127.35 3.22 -32.07	99.32 2.78 -14.72	81.31 2.83 -1.86	76.83 2.62 -3.47
GREENDGE_115KV_TB5 80291	79.00 -2.19 0.00	74.25 -1.90 0.00	71.32 -1.98 -0.11	70.94 -1.74 -0.07	75.99 -1.55 0.00	82.84 -1.52 -0.18	116.58 -1.17 -1.04	127.88 -3.41 0.00	95.87 -3.27 0.00	76.25 -2.12 0.00	70.88 -2.34 0.00	64.81 -2.35 0.00	61.68 -2.64 0.00	60.34 -2.65 0.00	60.34 -2.91 0.00	65.02 -3.14 0.00	77.16 -3.64 0.00	100.78 -4.62 -0.32	116.42 -3.67 -1.55	99.43 -2.08 -2.63	91.08 -2.58 -1.61	79.94 -2.62 -0.74	74.41 -2.30 -0.09	68.65 -2.26 -0.17
GREENIDGE___3 23582	79.00 -2.19 0.00	74.25 -1.90 0.00	71.32 -1.98 -0.11	70.94 -1.74 -0.07	75.99 -1.55 0.00	82.84 -1.52 -0.18	116.58 -1.17 -1.04	127.88 -3.41 0.00	95.87 -3.27 0.00	76.25 -2.12 0.00	70.88 -2.34 0.00	64.81 -2.35 0.00	61.68 -2.64 0.00	60.34 -2.65 0.00	60.34 -2.91 0.00	65.02 -3.14 0.00	77.16 -3.64 0.00	100.78 -4.62 -0.32	116.42 -3.67 -1.55	99.43 -2.08 -2.63	91.08 -2.58 -1.61	79.94 -2.62 -0.74	74.41 -2.30 -0.09	68.65 -2.26 -0.17
GREENIDGE___4 23583	79.57 -1.62 0.00	74.17 -1.98 0.00	71.39 -1.90 -0.11	70.73 -1.96 -0.07	76.07 -1.48 0.00	83.01 -1.35 -0.18	116.47 -1.28 -1.04	128.14 -3.15 0.00	96.07 -3.07 0.00	76.49 -1.88 0.00	71.09 -2.13 0.00	65.01 -2.15 0.00	61.81 -2.51 0.00	60.46 -2.52 0.00	60.53 -2.72 0.00	65.30 -2.86 0.00	77.97 -2.83 0.00	101.31 -4.10 -0.32	117.37 -2.72 -1.55	99.93 -1.59 -2.63	91.45 -2.21 -1.61	79.62 -2.94 -0.74	74.41 -2.30 -0.09	68.65 -2.27 -0.17
GREENLWN_69_KV_BK 3 55738	95.34 4.30 -9.84	86.81 4.34 -6.32	83.99 4.10 -6.71	87.24 3.92 -10.71	87.05 4.11 -5.40	103.41 4.71 -14.51	140.39 5.49 -18.20	156.91 4.86 -20.75	133.68 5.45 -29.09	101.08 5.17 -17.54	91.24 3.95 -14.06	83.02 4.10 -11.76	77.79 4.05 -9.42	75.03 3.78 -8.27	75.22 4.05 -7.92	82.02 4.23 -9.64	102.63 4.85 -16.98	136.22 6.10 -25.04	153.89 6.64 -28.70	134.58 6.23 -29.47	129.34 5.71 -31.58	121.01 5.15 -34.03	97.91 4.98 -16.32	101.94 4.24 -26.95
GREENWD_138_KV_38B11_REV_LBMP_J 345004	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82
GRISSOM___SOLAR 323813	86.96 5.77 0.00	81.48 5.33 0.00	83.05 5.20 -4.68	80.63 5.08 -2.94	83.20 5.66 0.00	97.97 6.48 -7.30	169.55 9.45 -43.39	141.93 10.63 0.00	105.88 6.74 0.00	82.68 4.31 0.00	76.73 3.51 0.00	70.25 3.09 0.00	67.02 2.70 0.00	65.82 2.84 0.00	66.23 2.97 0.00	71.70 3.54 0.00	86.13 5.33 0.00	124.82 7.78 -11.96	186.60 9.72 -58.33	205.94 8.01 -99.05	159.81 7.37 -60.39	115.76 6.22 -27.72	85.71 5.59 -3.51	82.23 4.95 -6.54
GROVEVILLE___HYD 323602	84.76 3.57 0.00	79.50 3.35 0.00	76.79 3.15 -0.47	75.95 3.05 -0.29	80.72 3.18 0.00	88.62 3.70 -0.73	126.16 5.14 -4.32	137.20 5.91 0.00	103.90 4.76 0.00	82.68 4.31 0.00	76.51 3.29 0.00	70.45 3.29 0.00	67.34 3.02 0.00	65.76 2.77 0.00	66.23 2.97 0.00	71.43 3.27 0.00	84.76 3.96 0.00	111.75 5.46 -1.19	130.77 6.40 -5.82	114.35 5.54 -9.93	102.99 4.88 -6.06	88.68 4.09 -2.77	80.79 3.83 -0.35	74.58 3.18 -0.65
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	80.14 -1.06 0.00	75.08 -1.07 0.00	72.08 -1.10 0.00	71.60 -1.02 0.00	76.54 -1.01 0.00	83.43 -0.76 0.00	116.12 -0.58 0.00	129.98 -1.31 0.00	97.95 -1.19 0.00	77.19 -1.18 0.00	71.83 -1.39 0.00	65.75 -1.41 0.00	62.77 -1.54 0.00	61.41 -1.57 0.00	61.61 -1.64 0.00	66.38 -1.77 0.00	79.02 -1.78 0.00	103.30 -1.79 0.00	117.12 -1.42 0.00	97.79 -1.09 0.00	90.77 -1.29 0.00	80.35 -1.47 0.00	75.00 -1.61 0.00	69.19 -1.56 0.00

HAMLTNNY_34_KV_TB 80303	79.73 -1.46 0.00	74.70 -1.45 0.00	71.72 -1.46 0.00	71.23 -1.38 0.00	76.15 -1.40 0.00	83.09 -1.09 0.00	115.65 -1.05 0.00	129.46 -1.84 0.00	97.55 -1.59 0.00	76.88 -1.49 0.00	71.54 -1.68 0.00	65.55 -1.61 0.00	62.52 -1.80 0.00	61.16 -1.83 0.00	61.35 -1.90 0.00	66.11 -2.04 0.00	78.70 -2.10 0.00	102.88 -2.21 0.00	116.65 -1.90 0.00	97.39 -1.48 0.00	90.40 -1.66 0.00	79.94 -1.88 0.00	74.77 -1.84 0.00	68.91 -1.84 0.00
HAMPSHIRE___PAPER_HYD 323593	83.30 2.11 0.00	78.21 2.06 0.00	75.45 2.27 0.00	75.44 2.83 0.00	79.56 2.01 0.00	86.29 2.11 0.00	120.44 3.73 0.00	135.62 4.33 0.00	100.53 1.39 0.00	78.92 0.55 0.00	73.88 0.66 0.00	72.06 4.90 0.00	68.82 4.50 0.00	67.39 4.41 0.00	67.11 3.86 0.00	71.77 3.61 0.00	79.99 -0.81 0.00	104.46 -0.63 0.00	118.66 0.12 0.00	99.08 0.20 0.00	92.06 0.00 0.00	81.99 0.16 0.00	77.91 1.30 0.00	71.95 1.20 0.00
HARDSCRABBLE_WT_PWR 323673	81.43 0.24 0.00	76.38 0.23 0.00	73.33 0.15 0.00	72.76 0.15 0.00	77.85 0.31 0.00	84.52 0.34 0.00	117.06 0.35 0.00	132.22 0.93 0.00	99.93 0.79 0.00	79.07 0.70 0.00	73.74 0.52 0.00	67.64 0.47 0.00	64.71 0.39 0.00	63.30 0.32 0.00	63.57 0.32 0.00	68.50 0.34 0.00	81.29 0.49 0.00	105.93 0.84 0.00	119.49 0.94 0.00	99.97 1.09 0.00	93.07 1.01 0.00	82.81 0.99 0.00	77.45 0.84 0.00	71.31 0.56 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	70.40 2.27 13.06	69.90 2.13 8.38	70.20 1.98 4.96	70.76 1.82 3.66	78.48 1.86 0.92	80.66 2.27 5.80	105.37 3.27 14.60	107.40 3.68 27.57	63.77 3.27 38.64	58.29 3.21 23.30	56.88 2.34 18.68	54.09 2.49 15.56	54.05 2.25 12.51	54.02 2.02 10.98	54.95 2.21 10.52	57.74 2.39 12.80	61.16 2.91 22.54	78.49 3.99 30.60	98.06 4.74 25.22	85.78 4.15 17.25	75.52 3.59 20.12	68.00 2.86 16.69	67.06 2.60 12.15	62.56 2.05 10.24
HARSNRAD_115KV_TB1 81005	72.99 -8.20 0.00	67.93 -8.22 0.00	64.91 -8.27 0.00	64.84 -7.77 0.00	69.94 -7.60 0.00	76.02 -8.17 0.00	105.38 -11.32 0.00	117.77 -13.52 0.00	89.42 -9.72 0.00	69.83 -8.54 0.00	65.46 -7.76 0.00	59.91 -7.25 0.00	56.86 -7.46 0.00	55.74 -7.24 0.00	55.66 -7.59 0.00	59.71 -8.45 0.00	70.37 -10.42 0.00	92.37 -12.72 0.00	105.03 -13.51 0.00	88.00 -10.88 0.00	81.38 -10.68 0.00	72.49 -9.33 0.00	68.34 -8.27 0.00	63.46 -7.29 0.00
HARZA MOOSE___RIVER 24016	83.79 2.60 0.00	78.59 2.44 0.00	75.45 2.27 0.00	75.01 2.40 0.00	80.18 2.64 0.00	87.22 3.03 0.00	121.72 5.02 0.00	137.07 5.78 0.00	102.71 3.57 0.00	80.56 2.19 0.00	76.00 2.78 0.00	68.64 1.48 0.00	66.57 2.25 0.00	65.13 2.14 0.00	64.90 1.64 0.00	69.38 1.23 0.00	82.01 1.21 0.00	107.61 2.52 0.00	122.22 3.67 0.00	102.04 3.16 0.00	94.73 2.67 0.00	83.79 1.96 0.00	78.37 1.76 0.00	73.08 2.33 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	79.16 -2.03 0.00	74.10 -2.06 0.00	71.13 -2.05 0.00	70.65 -1.96 0.00	75.53 -2.02 0.00	82.33 -1.85 0.00	114.49 -2.22 0.00	128.01 -3.28 0.00	96.56 -2.58 0.00	76.10 -2.27 0.00	70.95 -2.27 0.00	64.95 -2.22 0.00	62.00 -2.32 0.00	60.72 -2.27 0.00	60.91 -2.34 0.00	65.63 -2.52 0.00	77.97 -2.83 0.00	101.94 -3.15 0.00	115.46 -3.08 0.00	96.41 -2.47 0.00	89.48 -2.58 0.00	79.29 -2.54 0.00	74.08 -2.53 0.00	68.34 -2.41 0.00
HELLGATE_13_KV_LD 55870	94.67 3.73 -9.74	85.83 3.43 -6.25	80.87 3.22 -4.47	78.81 2.98 -3.22	81.33 3.10 -0.69	93.33 3.62 -5.53	140.01 5.25 -18.06	157.74 5.91 -20.54	132.98 5.06 -28.78	100.59 4.86 -17.36	107.80 3.88 -30.70	89.45 4.03 -18.26	94.16 3.73 -26.11	91.35 3.40 -24.97	74.70 3.61 -7.84	88.36 3.82 -16.39	101.80 4.20 -16.80	135.23 5.36 -24.78	153.40 6.40 -28.46	133.67 5.54 -29.26	121.94 4.88 -25.00	103.11 4.25 -17.03	90.24 3.98 -9.65	82.79 3.33 -8.72
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	94.67 3.73 -9.74	85.83 3.43 -6.25	80.87 3.22 -4.47	78.81 2.98 -3.22	81.33 3.10 -0.69	93.33 3.62 -5.53	140.01 5.25 -18.06	157.74 5.91 -20.54	132.98 5.06 -28.78	100.59 4.86 -17.36	107.80 3.88 -30.70	89.45 4.03 -18.26	94.16 3.73 -26.11	91.35 3.40 -24.97	74.70 3.61 -7.84	88.36 3.82 -16.39	101.80 4.20 -16.80	135.23 5.36 -24.78	153.40 6.40 -28.46	133.67 5.54 -29.26	121.94 4.88 -25.00	103.11 4.25 -17.03	90.24 3.98 -9.65	82.79 3.33 -8.72
HEMPSTEAD____ 23647	94.93 3.90 -9.84	86.43 3.96 -6.32	83.55 3.66 -6.72	86.67 3.34 -10.72	86.67 3.72 -5.41	102.74 4.04 -14.52	140.03 5.13 -18.20	157.43 5.39 -20.75	133.28 5.05 -29.09	100.53 4.62 -17.54	91.09 3.81 -14.06	82.68 3.76 -11.76	77.79 4.05 -9.42	74.97 3.72 -8.27	75.16 3.99 -7.92	81.75 3.95 -9.64	102.30 4.52 -16.98	136.65 6.52 -25.04	154.48 7.23 -28.70	135.17 6.82 -29.47	129.62 5.98 -31.58	120.85 4.99 -34.04	97.46 4.52 -16.33	101.81 4.10 -26.96
HEWLETT_69_KV_BK3 55828	95.50 4.47 -9.84	86.96 4.49 -6.32	84.13 4.24 -6.71	87.39 4.07 -10.71	87.21 4.26 -5.40	103.41 4.71 -14.51	140.97 6.07 -18.20	158.48 6.43 -20.75	133.98 5.75 -29.09	101.24 5.33 -17.54	91.38 4.10 -14.06	83.16 4.23 -11.76	77.92 4.18 -9.42	75.16 3.91 -8.27	75.28 4.11 -7.92	82.02 4.23 -9.64	102.63 4.85 -16.98	136.75 6.62 -25.04	154.72 7.47 -28.70	135.27 6.92 -29.47	130.08 6.44 -31.58	121.25 5.40 -34.03	97.91 4.98 -16.32	101.94 4.24 -26.95
HICKLING___1 23621	79.57 -1.62 0.00	74.32 -1.83 0.00	71.42 -1.90 -0.14	71.03 -1.67 -0.09	76.15 -1.40 0.00	83.40 -1.01 -0.22	117.34 -0.70 -1.34	129.46 -1.84 0.00	97.26 -1.88 0.00	76.33 -2.04 0.00	71.02 -2.20 0.00	65.01 -2.15 0.00	61.94 -2.38 0.00	60.53 -2.46 0.00	60.60 -2.66 0.00	65.16 -3.00 0.00	77.65 -3.15 0.00	102.33 -3.15 -0.40	118.34 -2.13 -1.93	100.67 -1.48 -3.28	92.12 -1.93 -2.00	80.37 -2.37 -0.92	74.43 -2.30 -0.12	68.77 -2.19 -0.22
HICKLING___2 23622	79.57 -1.62 0.00	74.32 -1.83 0.00	71.42 -1.90 -0.14	71.03 -1.67 -0.09	76.15 -1.40 0.00	83.40 -1.01 -0.22	117.34 -0.70 -1.34	129.46 -1.84 0.00	97.26 -1.88 0.00	76.33 -2.04 0.00	71.02 -2.20 0.00	65.01 -2.15 0.00	61.94 -2.38 0.00	60.53 -2.46 0.00	60.60 -2.66 0.00	65.16 -3.00 0.00	77.65 -3.15 0.00	102.33 -3.15 -0.40	118.34 -2.13 -1.93	100.67 -1.48 -3.28	92.12 -1.93 -2.00	80.37 -2.37 -0.92	74.43 -2.30 -0.12	68.77 -2.19 -0.22
HIGH FALLS___HY 23754	83.79 2.60 0.00	78.66 2.51 0.00	76.16 2.34 -0.64	75.27 2.25 -0.40	79.79 2.25 0.00	88.14 2.95 -1.00	126.88 4.20 -5.97	135.89 4.60 0.00	102.91 3.77 0.00	81.74 3.37 0.00	75.71 2.49 0.00	69.65 2.49 0.00	66.57 2.25 0.00	65.00 2.02 0.00	65.47 2.21 0.00	70.61 2.45 0.00	83.79 2.99 0.00	111.26 4.52 -1.65	132.16 5.57 -8.04	117.52 4.94 -13.70	104.74 4.33 -8.35	89.16 3.52 -3.82	80.24 3.14 -0.48	74.05 2.41 -0.90
HIGH_RIVER___SOLAR 323847	84.85 3.66 0.00	79.58 3.43 0.00	81.34 3.22 -4.94	78.84 3.12 -3.10	81.04 3.49 0.00	95.85 3.96 -7.71	168.14 5.60 -45.84	137.47 6.17 0.00	102.81 3.67 0.00	80.64 2.27 0.00	74.76 1.54 0.00	68.44 1.27 0.00	65.73 1.41 0.00	64.37 1.38 0.00	64.83 1.58 0.00	70.20 2.04 0.00	84.11 3.31 0.00	122.66 4.94 -12.63	186.20 6.04 -61.62	208.65 5.14 -104.63	160.53 4.69 -63.79	115.11 4.01 -29.28	83.99 3.68 -3.71	80.90 3.26 -6.90

HILLBURN___GT 23639	67.98 1.78 14.99	68.28 1.75 9.62	68.97 1.54 5.75	69.61 1.23 4.24	77.95 1.47 1.06	79.12 1.68 6.75	101.87 2.45 17.28	102.54 2.88 31.64	57.56 2.77 44.35	54.53 2.90 26.74	54.12 2.34 21.44	51.60 2.35 17.91	52.27 2.31 14.36	52.45 2.08 12.61	53.39 2.21 12.07	55.71 2.25 14.69	57.59 2.66 25.87	73.61 3.78 35.26	93.27 4.39 29.66	81.93 4.06 21.00	71.63 3.41 23.84	65.03 2.70 19.49	64.92 2.30 13.99	60.97 2.05 11.83
HILLSIDE_115KV_TB1 80332	78.51 -2.68 0.00	73.33 -2.82 0.00	70.55 -2.78 -0.15	70.16 -2.54 -0.09	75.14 -2.40 0.00	82.23 -2.19 -0.23	115.52 -2.57 -1.38	127.36 -3.94 0.00	95.97 -3.17 0.00	75.47 -2.90 0.00	70.29 -2.93 0.00	64.34 -2.82 0.00	61.30 -3.02 0.00	59.90 -3.09 0.00	60.03 -3.23 0.00	64.54 -3.61 0.00	76.68 -4.12 0.00	100.98 -4.52 -0.41	116.74 -3.79 -1.99	99.39 -2.87 -3.38	90.89 -3.22 -2.06	79.41 -3.35 -0.95	73.51 -3.22 -0.12	68.00 -2.97 -0.22
HISHELDN_WT_PWR 323625	75.99 -5.20 0.00	70.44 -5.71 0.00	67.69 -5.49 0.00	67.09 -5.52 0.00	72.74 -4.81 0.00	79.72 -4.46 0.00	110.99 -5.72 0.00	122.89 -8.41 0.00	92.39 -6.74 0.00	72.26 -6.11 0.00	67.43 -5.79 0.00	61.86 -5.31 0.00	58.72 -5.60 0.00	57.44 -5.54 0.00	57.37 -5.88 0.00	61.89 -6.27 0.00	73.37 -7.43 0.00	97.30 -8.09 -0.30	112.76 -7.24 -1.45	95.12 -6.23 -2.47	86.93 -6.63 -1.51	75.56 -6.96 -0.69	70.34 -6.36 -0.09	65.11 -5.80 -0.16
HOLTSVILLE_IC_1 23690	95.17 4.14 -9.84	86.74 4.26 -6.32	83.85 3.95 -6.72	87.03 3.70 -10.72	87.06 4.11 -5.41	103.50 4.80 -14.52	140.74 5.83 -18.20	157.96 5.91 -20.75	133.58 5.35 -29.09	100.53 4.62 -17.54	90.87 3.59 -14.06	82.42 3.49 -11.76	77.73 3.99 -9.42	74.84 3.59 -8.27	75.16 3.99 -7.92	81.88 4.09 -9.64	102.38 4.60 -16.98	137.80 7.67 -25.04	155.66 8.42 -28.70	136.55 8.20 -29.47	130.83 7.19 -31.58	121.67 5.81 -34.04	98.07 5.13 -16.33	102.80 5.10 -26.96
HOLTSVILLE_IC_10 23699	95.58 4.54 -9.84	87.12 4.65 -6.32	84.21 4.32 -6.72	87.39 4.06 -10.72	87.45 4.50 -5.41	103.92 5.22 -14.52	141.43 6.53 -18.20	158.74 6.69 -20.75	134.18 5.95 -29.09	100.93 5.02 -17.54	91.24 3.95 -14.06	82.75 3.83 -11.76	77.98 4.24 -9.42	75.16 3.91 -8.27	75.47 4.30 -7.92	82.22 4.43 -9.64	102.88 5.09 -16.98	138.54 8.41 -25.04	156.61 9.36 -28.70	137.25 8.90 -29.47	131.46 7.82 -31.58	122.25 6.39 -34.04	98.53 5.59 -16.33	103.15 5.45 -26.96
HOLTSVILLE_IC_2 23691	95.17 4.14 -9.84	86.74 4.26 -6.32	83.85 3.95 -6.72	87.03 3.70 -10.72	87.06 4.11 -5.41	103.50 4.80 -14.52	140.74 5.83 -18.20	157.96 5.91 -20.75	133.58 5.35 -29.09	100.53 4.62 -17.54	90.87 3.59 -14.06	82.42 3.49 -11.76	77.73 3.99 -9.42	74.84 3.59 -8.27	75.16 3.99 -7.92	81.88 4.09 -9.64	102.38 4.60 -16.98	137.80 7.67 -25.04	155.66 8.42 -28.70	136.55 8.20 -29.47	130.83 7.19 -31.58	121.67 5.81 -34.04	98.07 5.13 -16.33	102.80 5.10 -26.96
HOLTSVILLE_IC_3 23692	95.17 4.14 -9.84	86.74 4.26 -6.32	83.85 3.95 -6.72	87.03 3.70 -10.72	87.06 4.11 -5.41	103.50 4.80 -14.52	140.74 5.83 -18.20	157.96 5.91 -20.75	133.58 5.35 -29.09	100.53 4.62 -17.54	90.87 3.59 -14.06	82.42 3.49 -11.76	77.73 3.99 -9.42	74.84 3.59 -8.27	75.16 3.99 -7.92	81.88 4.09 -9.64	102.38 4.60 -16.98	137.80 7.67 -25.04	155.66 8.42 -28.70	136.55 8.20 -29.47	130.83 7.19 -31.58	121.67 5.81 -34.04	98.07 5.13 -16.33	102.80 5.10 -26.96
HOLTSVILLE_IC_4 23693	95.17 4.14 -9.84	86.74 4.26 -6.32	83.85 3.95 -6.72	87.03 3.70 -10.72	87.06 4.11 -5.41	103.50 4.80 -14.52	140.74 5.83 -18.20	157.96 5.91 -20.75	133.58 5.35 -29.09	100.53 4.62 -17.54	90.87 3.59 -14.06	82.42 3.49 -11.76	77.73 3.99 -9.42	74.84 3.59 -8.27	75.16 3.99 -7.92	81.88 4.09 -9.64	102.38 4.60 -16.98	137.80 7.67 -25.04	155.66 8.42 -28.70	136.55 8.20 -29.47	130.83 7.19 -31.58	121.67 5.81 -34.04	98.07 5.13 -16.33	102.80 5.10 -26.96
HOLTSVILLE_IC_5 23694	95.17 4.14 -9.84	86.74 4.26 -6.32	83.85 3.95 -6.72	87.03 3.70 -10.72	87.06 4.11 -5.41	103.50 4.80 -14.52	140.74 5.83 -18.20	157.96 5.91 -20.75	133.58 5.35 -29.09	100.53 4.62 -17.54	90.87 3.59 -14.06	82.42 3.49 -11.76	77.73 3.99 -9.42	74.84 3.59 -8.27	75.16 3.99 -7.92	81.88 4.09 -9.64	102.38 4.60 -16.98	137.80 7.67 -25.04	155.66 8.42 -28.70	136.55 8.20 -29.47	130.83 7.19 -31.58	121.67 5.81 -34.04	98.07 5.13 -16.33	102.80 5.10 -26.96
HOLTSVILLE_IC_6 23695	95.58 4.54 -9.84	87.12 4.65 -6.32	84.21 4.32 -6.72	87.39 4.06 -10.72	87.45 4.50 -5.41	103.92 5.22 -14.52	141.43 6.53 -18.20	158.74 6.69 -20.75	134.18 5.95 -29.09	100.93 5.02 -17.54	91.24 3.95 -14.06	82.75 3.83 -11.76	77.98 4.24 -9.42	75.16 3.91 -8.27	75.47 4.30 -7.92	82.22 4.43 -9.64	102.88 5.09 -16.98	138.54 8.41 -25.04	156.61 9.36 -28.70	137.25 8.90 -29.47	131.46 7.82 -31.58	122.25 6.39 -34.04	98.53 5.59 -16.33	103.15 5.45 -26.96
HOLTSVILLE_IC_7 23696	95.58 4.54 -9.84	87.12 4.65 -6.32	84.21 4.32 -6.72	87.39 4.06 -10.72	87.45 4.50 -5.41	103.92 5.22 -14.52	141.43 6.53 -18.20	158.74 6.69 -20.75	134.18 5.95 -29.09	100.93 5.02 -17.54	91.24 3.95 -14.06	82.75 3.83 -11.76	77.98 4.24 -9.42	75.16 3.91 -8.27	75.47 4.30 -7.92	82.22 4.43 -9.64	102.88 5.09 -16.98	138.54 8.41 -25.04	156.61 9.36 -28.70	137.25 8.90 -29.47	131.46 7.82 -31.58	122.25 6.39 -34.04	98.53 5.59 -16.33	103.15 5.45 -26.96
HOLTSVILLE_IC_8 23697	95.58 4.54 -9.84	87.12 4.65 -6.32	84.21 4.32 -6.72	87.39 4.06 -10.72	87.45 4.50 -5.41	103.92 5.22 -14.52	141.43 6.53 -18.20	158.74 6.69 -20.75	134.18 5.95 -29.09	100.93 5.02 -17.54	91.24 3.95 -14.06	82.75 3.83 -11.76	77.98 4.24 -9.42	75.16 3.91 -8.27	75.47 4.30 -7.92	82.22 4.43 -9.64	102.88 5.09 -16.98	138.54 8.41 -25.04	156.61 9.36 -28.70	137.25 8.90 -29.47	131.46 7.82 -31.58	122.25 6.39 -34.04	98.53 5.59 -16.33	103.15 5.45 -26.96
HOLTSVILLE_IC_9 23698	95.58 4.54 -9.84	87.12 4.65 -6.32	84.21 4.32 -6.72	87.39 4.06 -10.72	87.45 4.50 -5.41	103.92 5.22 -14.52	141.43 6.53 -18.20	158.74 6.69 -20.75	134.18 5.95 -29.09	100.93 5.02 -17.54	91.24 3.95 -14.06	82.75 3.83 -11.76	77.98 4.24 -9.42	75.16 3.91 -8.27	75.47 4.30 -7.92	82.22 4.43 -9.64	102.88 5.09 -16.98	138.54 8.41 -25.04	156.61 9.36 -28.70	137.25 8.90 -29.47	131.46 7.82 -31.58	122.25 6.39 -34.04	98.53 5.59 -16.33	103.15 5.45 -26.96
HOMER_HL_115KV_TB2 355744	76.81 -4.38 0.00	71.43 -4.72 0.00	68.50 -4.68 0.00	68.33 -4.28 0.00	73.51 -4.03 0.00	80.31 -3.87 0.00	112.04 -4.67 0.00	125.52 -5.78 0.00	94.88 -4.26 0.00	74.22 -4.15 0.00	69.34 -3.88 0.00	63.47 -3.69 0.00	60.20 -4.12 0.00	58.83 -4.16 0.00	58.76 -4.49 0.00	63.05 -5.11 0.00	74.66 -6.14 0.00	98.77 -6.62 -0.30	113.95 -6.05 -1.45	96.70 -4.65 -2.47	88.59 -4.97 -1.51	77.28 -5.24 -0.69	71.95 -4.75 -0.09	66.59 -4.32 -0.16
HOWARD_WT_PWR 323690	79.40 -1.79 0.00	73.87 -2.28 0.00	71.17 -2.12 -0.12	70.51 -2.18 -0.07	76.07 -1.48 0.00	83.69 -0.68 -0.19	117.93 0.12 -1.11	129.85 -1.44 0.00	96.96 -2.18 0.00	75.79 -2.58 0.00	70.44 -2.78 0.00	64.47 -2.69 0.00	61.30 -3.02 0.00	59.90 -3.08 0.00	59.84 -3.42 0.00	64.54 -3.61 0.00	77.16 -3.63 0.00	102.37 -3.05 -0.34	119.11 -1.07 -1.64	100.87 -0.79 -2.78	92.10 -1.65 -1.70	79.73 -2.87 -0.78	73.80 -2.91 -0.10	67.89 -3.04 -0.18

HQ_GEN_CEDARS 23644	82.81 1.62 0.00	77.90 1.75 0.00	75.30 2.12 0.00	74.43 1.82 0.00	79.25 1.71 0.00	85.53 1.35 0.00	118.69 1.98 0.00	133.79 2.49 0.00	98.84 -0.30 0.00	77.98 -0.39 0.00	82.37 9.15 0.00	68.57 1.41 0.00	72.94 8.62 0.00	71.49 8.50 0.00	71.16 7.91 0.00	72.59 4.43 0.00	79.83 -0.97 0.00	104.04 -1.05 0.00	117.48 -1.07 0.00	98.09 -0.79 0.00	91.04 -1.01 0.00	81.25 -0.57 0.00	78.07 1.46 0.00	80.65 9.90 0.00
HQ_GEN_CEDARS_PROXY 323590	82.81 1.62 0.00	77.90 1.75 0.00	75.52 2.34 0.00	75.52 2.91 0.00	79.25 1.70 0.00	87.33 1.34 -1.80	117.01 2.10 1.80	133.92 2.62 0.00	98.84 -0.30 0.00	77.98 -0.39 0.00	73.74 0.52 0.00	75.89 8.73 0.00	72.55 8.23 0.00	71.05 8.06 0.00	70.84 7.59 0.00	75.52 7.36 0.00	79.35 -1.45 0.00	102.78 -2.31 0.00	115.94 -2.61 0.00	96.90 -1.98 0.00	90.22 -1.84 0.00	81.00 -0.82 0.00	78.06 1.45 0.00	72.37 1.63 0.00
HQ_GEN_IMPORT 323601	81.84 0.65 0.00	76.83 0.68 0.00	73.99 0.81 0.00	73.55 0.94 0.00	78.24 0.70 0.00	86.41 0.42 -1.80	115.25 0.35 1.80	131.96 0.66 0.00	99.44 0.30 0.00	78.37 0.00 0.00	73.59 0.37 0.00	67.36 0.20 0.00	64.71 0.39 0.00	63.49 0.50 0.00	63.70 0.45 0.00	68.64 0.48 0.00	81.20 0.41 0.00	105.19 0.11 0.00	118.19 -0.35 0.00	98.29 -0.59 0.00	91.87 -0.18 0.00	82.15 0.33 0.00	76.92 0.31 0.00	71.10 0.36 0.00
HQ_GEN_WHEEL 23651	81.84 0.65 0.00	76.83 0.68 0.00	73.99 0.81 0.00	73.55 0.94 0.00	78.24 0.70 0.00	86.41 0.42 -1.80	115.25 0.35 1.80	131.96 0.66 0.00	99.44 0.30 0.00	78.37 0.00 0.00	73.59 0.37 0.00	67.36 0.20 0.00	64.71 0.39 0.00	63.49 0.50 0.00	63.70 0.45 0.00	68.64 0.48 0.00	81.20 0.41 0.00	105.19 0.11 0.00	118.19 -0.35 0.00	98.29 -0.59 0.00	91.87 -0.18 0.00	82.15 0.33 0.00	76.92 0.31 0.00	71.10 0.36 0.00
HUDSON AVE_GT_3 23810	94.20 3.25 -9.76	85.46 3.05 -6.26	80.44 2.78 -4.48	78.45 2.61 -3.22	80.95 2.71 -0.69	92.84 3.11 -5.54	139.45 4.67 -18.08	157.12 5.25 -20.57	132.63 4.66 -28.83	100.30 4.55 -17.38	90.82 3.66 -13.94	82.65 3.83 -11.66	77.19 3.54 -9.34	74.39 3.21 -8.20	74.45 3.35 -7.85	81.25 3.54 -9.55	101.59 3.96 -16.83	135.07 5.15 -24.83	153.09 6.05 -28.50	133.52 5.34 -29.30	121.79 4.69 -25.04	102.73 3.85 -17.06	89.79 3.52 -9.66	82.45 2.97 -8.73
HUDSON AVE_GT_4 23540	94.20 3.25 -9.76	85.46 3.05 -6.26	80.44 2.78 -4.48	78.45 2.61 -3.22	80.95 2.71 -0.69	92.84 3.11 -5.54	139.45 4.67 -18.08	157.12 5.25 -20.57	132.63 4.66 -28.83	100.30 4.55 -17.38	90.82 3.66 -13.94	82.65 3.83 -11.66	77.19 3.54 -9.34	74.39 3.21 -8.20	74.45 3.35 -7.85	81.25 3.54 -9.55	101.59 3.96 -16.83	135.07 5.15 -24.83	153.09 6.05 -28.50	133.52 5.34 -29.30	121.79 4.69 -25.04	102.73 3.85 -17.06	89.79 3.52 -9.66	82.45 2.97 -8.73
HUDSON AVE_GT_5 23657	94.20 3.25 -9.76	85.46 3.05 -6.26	80.44 2.78 -4.48	78.45 2.61 -3.22	80.95 2.71 -0.69	92.84 3.11 -5.54	139.45 4.67 -18.08	157.12 5.25 -20.57	132.63 4.66 -28.83	100.30 4.55 -17.38	90.82 3.66 -13.94	82.65 3.83 -11.66	77.19 3.54 -9.34	74.39 3.21 -8.20	74.45 3.35 -7.85	81.25 3.54 -9.55	101.59 3.96 -16.83	135.07 5.15 -24.83	153.09 6.05 -28.50	133.52 5.34 -29.30	121.79 4.69 -25.04	102.73 3.85 -17.06	89.79 3.52 -9.66	82.45 2.97 -8.73
HUDSON_AVE_10 24168	94.03 3.09 -9.75	85.23 2.82 -6.26	80.29 2.63 -4.48	78.30 2.47 -3.22	80.79 2.56 -0.69	92.67 2.95 -5.54	139.22 4.43 -18.08	156.99 5.12 -20.57	132.43 4.46 -28.83	100.22 4.47 -17.38	90.75 3.59 -13.94	82.65 3.83 -11.66	77.13 3.47 -9.34	74.39 3.21 -8.20	74.45 3.35 -7.85	81.25 3.54 -9.55	101.43 3.80 -16.83	134.96 5.04 -24.83	152.97 5.93 -28.50	133.42 5.24 -29.30	121.70 4.60 -25.04	102.64 3.76 -17.05	89.71 3.45 -9.66	82.30 2.83 -8.73
HUDSON___115KV_TB 4 355613	85.82 4.63 0.00	80.49 4.34 0.00	78.73 3.51 -2.04	77.38 3.49 -1.28	82.04 4.50 0.00	91.66 4.29 -3.18	141.45 5.84 -18.91	137.86 6.56 0.00	103.40 4.26 0.00	81.82 3.45 0.00	75.86 2.64 0.00	69.65 2.49 0.00	66.50 2.19 0.00	65.00 2.02 0.00	65.47 2.21 0.00	70.81 2.66 0.00	84.27 3.47 0.00	114.61 4.31 -5.21	149.18 5.22 -25.42	146.59 4.55 -43.17	122.51 4.14 -26.32	97.42 3.52 -12.08	81.59 3.45 -1.53	76.99 3.40 -2.85
HUNTER MOUNT___DRP 323613	86.55 5.36 0.00	81.25 5.10 0.00	78.59 3.66 -1.75	77.34 3.63 -1.10	82.82 5.27 0.00	91.46 4.55 -2.73	139.10 6.19 -16.21	139.44 8.14 0.00	104.29 5.16 0.00	82.29 3.92 0.00	76.15 2.93 0.00	69.85 2.69 0.00	66.70 2.38 0.00	65.19 2.20 0.00	65.72 2.47 0.00	71.16 3.00 0.00	84.76 3.96 0.00	114.08 4.52 -4.47	145.91 5.57 -21.80	140.65 4.75 -37.03	119.05 4.42 -22.57	95.94 3.76 -10.36	81.52 3.60 -1.31	76.58 3.40 -2.44
HUNTINGTON_RES_REC 323705	95.41 4.38 -9.84	86.97 4.49 -6.32	84.07 4.17 -6.72	87.17 3.85 -10.72	87.21 4.26 -5.41	103.58 4.88 -14.52	141.08 6.18 -18.20	157.82 5.77 -20.75	134.08 5.85 -29.09	100.93 5.02 -17.54	91.31 4.02 -14.06	82.89 3.96 -11.76	78.05 4.31 -9.42	75.22 3.97 -8.27	75.47 4.30 -7.92	82.22 4.43 -9.64	102.96 5.18 -16.98	137.59 7.46 -25.04	155.54 8.30 -28.70	136.16 7.81 -29.47	130.45 6.81 -31.58	121.75 5.89 -34.04	98.30 5.36 -16.33	102.73 5.02 -26.96
HUNTLEY___63 23557	74.21 -6.98 0.00	68.99 -7.16 0.00	66.01 -7.17 0.00	65.93 -6.68 0.00	70.87 -6.67 0.00	77.20 -6.99 0.00	107.13 -9.57 0.00	120.14 -11.16 0.00	91.31 -7.83 0.00	71.24 -7.13 0.00	67.07 -6.15 0.00	61.39 -5.78 0.00	58.21 -6.11 0.00	57.06 -5.92 0.00	56.93 -6.33 0.00	61.14 -7.02 0.00	71.99 -8.81 0.00	94.27 -10.82 0.00	107.16 -11.38 0.00	89.68 -9.20 0.00	82.85 -9.21 0.00	73.48 -8.35 0.00	69.33 -7.28 0.00	64.31 -6.44 0.00
HUNTLEY___64 23558	74.21 -6.98 0.00	68.99 -7.16 0.00	66.01 -7.17 0.00	65.93 -6.68 0.00	70.87 -6.67 0.00	77.20 -6.99 0.00	107.13 -9.57 0.00	120.14 -11.16 0.00	91.31 -7.83 0.00	71.24 -7.13 0.00	67.07 -6.15 0.00	61.39 -5.78 0.00	58.21 -6.11 0.00	57.06 -5.92 0.00	56.93 -6.33 0.00	61.14 -7.02 0.00	71.99 -8.81 0.00	94.27 -10.82 0.00	107.16 -11.38 0.00	89.68 -9.20 0.00	82.85 -9.21 0.00	73.48 -8.35 0.00	69.33 -7.28 0.00	64.31 -6.44 0.00
HUNTLEY___65 23559	74.21 -6.98 0.00	68.99 -7.16 0.00	66.01 -7.17 0.00	65.93 -6.68 0.00	70.87 -6.67 0.00	77.20 -6.99 0.00	107.13 -9.57 0.00	120.14 -11.16 0.00	91.31 -7.83 0.00	71.24 -7.13 0.00	67.07 -6.15 0.00	61.39 -5.78 0.00	58.21 -6.11 0.00	57.06 -5.92 0.00	56.93 -6.33 0.00	61.14 -7.02 0.00	71.99 -8.81 0.00	94.27 -10.82 0.00	107.16 -11.38 0.00	89.68 -9.20 0.00	82.85 -9.21 0.00	73.48 -8.35 0.00	69.33 -7.28 0.00	64.31 -6.44 0.00
HUNTLEY___66 23560	74.21 -6.98 0.00	68.99 -7.16 0.00	66.01 -7.17 0.00	65.93 -6.68 0.00	70.87 -6.67 0.00	77.20 -6.99 0.00	107.13 -9.57 0.00	120.14 -11.16 0.00	91.31 -7.83 0.00	71.24 -7.13 0.00	67.07 -6.15 0.00	61.39 -5.78 0.00	58.21 -6.11 0.00	57.06 -5.92 0.00	56.93 -6.33 0.00	61.14 -7.02 0.00	71.99 -8.81 0.00	94.27 -10.82 0.00	107.16 -11.38 0.00	89.68 -9.20 0.00	82.85 -9.21 0.00	73.48 -8.35 0.00	69.33 -7.28 0.00	64.31 -6.44 0.00

HUNTLEY___67 23561	74.13 -7.06 0.00	68.99 -7.16 0.00	66.01 -7.17 0.00	65.86 -6.75 0.00	71.03 -6.51 0.00	77.45 -6.73 0.00	107.60 -9.10 0.00	120.53 -10.77 0.00	91.61 -7.53 0.00	71.55 -6.82 0.00	67.07 -6.15 0.00	61.39 -5.78 0.00	58.27 -6.05 0.00	57.06 -5.92 0.00	56.99 -6.26 0.00	61.14 -7.02 0.00	71.99 -8.81 0.00	94.58 -10.51 0.00	107.64 -10.91 0.00	90.08 -8.80 0.00	83.31 -8.75 0.00	73.80 -8.02 0.00	69.56 -7.05 0.00	64.59 -6.15 0.00
HUNTLEY___68 23562	74.13 -7.06 0.00	68.99 -7.16 0.00	66.01 -7.17 0.00	65.86 -6.75 0.00	71.03 -6.51 0.00	77.45 -6.73 0.00	107.60 -9.10 0.00	120.53 -10.77 0.00	91.61 -7.53 0.00	71.55 -6.82 0.00	67.07 -6.15 0.00	61.39 -5.78 0.00	58.27 -6.05 0.00	57.06 -5.92 0.00	56.99 -6.26 0.00	61.14 -7.02 0.00	71.99 -8.81 0.00	94.58 -10.51 0.00	107.64 -10.91 0.00	90.08 -8.80 0.00	83.31 -8.75 0.00	73.80 -8.02 0.00	69.56 -7.05 0.00	64.59 -6.15 0.00
HYLAND___LFG 323620	80.71 -0.48 0.00	75.24 -0.91 0.00	72.08 -1.10 0.00	71.53 -1.09 0.00	77.23 -0.31 0.00	85.11 0.93 0.00	119.39 2.69 0.00	132.09 0.79 0.00	97.45 -1.69 0.00	74.77 -3.60 0.00	68.97 -4.25 0.00	63.00 -4.16 0.00	59.75 -4.57 0.00	58.45 -4.54 0.00	58.51 -4.74 0.00	63.25 -4.91 0.00	75.79 -5.01 0.00	101.48 -3.89 0.00	119.68 -0.24 0.00	102.30 1.09 0.00	93.75 0.28 0.00	81.41 -1.07 0.00	75.39 -1.30 0.00	69.34 -1.56 0.00
INDECK___CORINTH 23802	88.66 7.46 0.00	83.15 7.00 0.00	84.40 6.73 -4.49	82.04 6.61 -2.82	84.83 7.29 0.00	99.85 8.75 -6.91	170.72 12.36 -41.65	145.35 14.06 0.00	109.26 10.12 0.00	86.06 7.68 0.00	79.67 6.44 0.00	72.94 5.78 0.00	69.27 4.95 0.00	67.71 4.73 0.00	68.25 5.00 0.00	73.95 5.79 0.00	88.48 7.68 0.00	127.32 10.83 -11.41	187.00 12.81 -55.65	203.76 10.38 -94.50	159.24 9.57 -57.61	116.62 8.35 -26.44	87.54 7.59 -3.35	83.84 6.86 -6.24
INDECK___ILION 23567	81.68 0.49 0.00	76.61 0.46 0.00	73.62 0.44 0.00	73.05 0.44 0.00	78.01 0.47 0.00	84.77 0.59 0.00	117.52 0.82 0.00	132.61 1.31 0.00	100.23 1.09 0.00	79.31 0.94 0.00	73.88 0.66 0.00	67.77 0.60 0.00	64.83 0.51 0.00	63.49 0.50 0.00	63.76 0.51 0.00	68.70 0.55 0.00	81.52 0.73 0.00	106.14 1.05 0.00	119.85 1.30 0.00	100.06 1.19 0.00	93.16 1.10 0.00	82.80 0.98 0.00	77.53 0.92 0.00	71.45 0.71 0.00
INDECK___OLEAN 23982	76.97 -4.23 0.00	71.28 -4.88 0.00	68.57 -4.61 0.00	67.96 -4.65 0.00	73.67 -3.87 0.00	80.57 -3.62 0.00	112.51 -4.20 0.00	125.79 -5.51 0.00	95.17 -3.97 0.00	74.61 -3.76 0.00	69.56 -3.66 0.00	63.74 -3.42 0.00	60.46 -3.86 0.00	59.02 -3.97 0.00	58.95 -4.30 0.00	63.45 -4.70 0.00	75.06 -5.73 0.00	99.61 -5.78 -0.30	115.37 -4.63 -1.45	97.59 -3.76 -2.47	89.15 -4.42 -1.51	77.27 -5.24 -0.69	72.02 -4.68 -0.09	66.59 -4.32 -0.16
INDECK___OSWEGO 23783	81.52 0.33 0.00	76.15 0.00 0.00	73.18 0.00 0.00	72.61 0.00 0.00	77.70 0.16 0.00	84.85 0.67 0.00	118.57 1.86 0.00	132.61 1.31 0.00	99.74 0.60 0.00	78.29 -0.08 0.00	72.71 -0.51 0.00	66.70 -0.47 0.00	63.55 -0.77 0.00	62.10 -0.88 0.00	62.24 -1.01 0.00	67.14 -1.02 0.00	79.83 -0.97 0.00	104.78 -0.31 0.00	119.38 0.84 0.00	99.58 0.70 0.00	92.33 0.28 0.00	81.41 -0.41 0.00	75.92 -0.69 0.00	70.04 -0.71 0.00
INDECK___YERKES 23781	74.45 -6.74 0.00	68.92 -7.24 0.00	66.30 -6.88 0.00	65.71 -6.90 0.00	70.95 -6.59 0.00	77.87 -6.32 0.00	108.19 -8.51 0.00	120.79 -10.51 0.00	91.80 -7.34 0.00	72.03 -6.35 0.00	67.58 -5.64 0.00	62.06 -5.11 0.00	58.72 -5.60 0.00	57.50 -5.48 0.00	57.37 -5.88 0.00	61.89 -6.27 0.00	72.64 -8.16 0.00	95.32 -9.77 0.00	109.18 -9.37 0.00	90.57 -8.31 0.00	83.59 -8.47 0.00	73.48 -8.35 0.00	69.41 -7.20 0.00	64.31 -6.44 0.00
INDIAN POINT_GT_1 24139	169.69 2.19 -86.31	133.67 2.13 -55.38	111.15 1.98 -35.99	100.67 1.82 -26.24	85.50 1.86 -6.10	129.75 2.19 -43.38	246.23 3.03 -126.50	316.71 3.41 -182.00	357.41 3.17 -255.09	235.46 3.29 -153.80	199.05 2.49 -123.34	172.89 2.69 -103.04	149.38 2.44 -82.61	137.63 2.14 -72.51	135.04 2.34 -69.45	155.13 2.45 -84.52	232.55 2.83 -148.92	319.19 3.68 -210.42	330.05 4.39 -207.12	285.47 3.86 -182.73	270.36 3.41 -174.90	214.10 2.78 -129.50	161.87 2.53 -82.73	144.97 2.05 -72.17
INDIAN POINT_GT_2 23659	169.69 2.19 -86.31	133.67 2.13 -55.38	111.15 1.98 -35.99	100.67 1.82 -26.24	85.50 1.86 -6.10	129.75 2.19 -43.38	246.23 3.03 -126.50	316.71 3.41 -182.00	357.41 3.17 -255.09	235.46 3.29 -153.80	199.05 2.49 -123.34	172.89 2.69 -103.04	149.38 2.44 -82.61	137.63 2.14 -72.51	135.04 2.34 -69.45	155.13 2.45 -84.52	232.55 2.83 -148.92	319.19 3.68 -210.42	330.05 4.39 -207.12	285.47 3.86 -182.73	270.36 3.41 -174.90	214.10 2.78 -129.50	161.87 2.53 -82.73	144.97 2.05 -72.17
INDIAN POINT_GT_3 24019	169.69 2.19 -86.31	133.67 2.13 -55.38	111.15 1.98 -35.99	100.67 1.82 -26.24	85.50 1.86 -6.10	129.75 2.19 -43.38	246.23 3.03 -126.50	316.71 3.41 -182.00	357.41 3.17 -255.09	235.46 3.29 -153.80	199.05 2.49 -123.34	172.89 2.69 -103.04	149.38 2.44 -82.61	137.63 2.14 -72.51	135.04 2.34 -69.45	155.13 2.45 -84.52	232.55 2.83 -148.92	319.19 3.68 -210.42	330.05 4.39 -207.12	285.47 3.86 -182.73	270.36 3.41 -174.90	214.10 2.78 -129.50	161.87 2.53 -82.73	144.97 2.05 -72.17
INDIAN POINT___2 23530	54.54 1.62 28.27	59.61 1.60 18.14	63.35 1.39 11.21	65.47 1.09 8.23	76.86 1.32 2.00	72.39 1.52 13.31	82.74 2.10 36.07	74.14 2.49 59.65	18.01 2.48 83.61	30.63 2.67 50.41	34.92 2.12 40.42	35.57 2.21 33.80	39.43 2.19 27.08	41.18 1.95 23.76	42.52 2.02 22.76	42.50 2.04 27.70	34.43 2.42 48.79	41.00 3.36 67.45	61.83 3.91 60.62	54.96 3.66 47.58	45.38 3.13 49.81	45.29 2.45 38.99	52.08 2.14 26.67	49.82 1.91 22.83
INDIAN POINT___3 23531	94.15 2.19 -10.77	85.19 2.13 -6.91	80.04 1.98 -4.89	77.95 1.82 -3.52	80.17 1.86 -0.76	92.40 2.19 -6.03	139.18 3.03 -19.44	157.42 3.41 -22.71	134.25 3.27 -31.84	100.86 3.29 -19.19	91.10 2.49 -15.39	82.79 2.75 -12.87	77.14 2.51 -10.31	74.24 2.20 -9.05	74.32 2.40 -8.67	81.23 2.52 -10.55	102.21 2.83 -18.59	136.04 3.68 -27.27	153.70 4.39 -30.77	133.91 3.86 -31.17	122.39 3.41 -26.93	103.11 2.78 -18.50	89.84 2.60 -10.62	82.43 2.12 -9.56
INGHAM_C_115KV_TB7 356103	81.35 0.16 0.00	76.30 0.15 0.00	73.33 0.15 0.00	72.76 0.15 0.00	77.78 0.23 0.00	84.44 0.25 0.00	116.94 0.23 0.00	131.95 0.66 0.00	99.73 0.59 0.00	78.92 0.55 0.00	73.51 0.29 0.00	67.43 0.27 0.00	64.51 0.19 0.00	63.17 0.19 0.00	63.38 0.13 0.00	68.36 0.20 0.00	81.12 0.32 0.00	105.62 0.53 0.00	119.26 0.71 0.00	99.67 0.79 0.00	92.79 0.74 0.00	82.64 0.82 0.00	77.38 0.77 0.00	71.24 0.50 0.00
IP CORINTH___1 23988	88.66 7.47 0.00	83.08 6.93 0.00	84.47 6.81 -4.49	82.18 6.75 -2.82	84.75 7.21 0.00	99.85 8.76 -6.91	170.72 12.37 -41.65	145.34 14.05 0.00	109.25 10.11 0.00	86.13 7.76 0.00	79.52 6.30 0.00	72.94 5.78 0.00	69.21 4.89 0.00	67.65 4.66 0.00	68.12 4.87 0.00	73.95 5.79 0.00	88.39 7.59 0.00	127.11 10.61 -11.41	186.64 12.45 -55.65	203.66 10.28 -94.50	159.06 9.39 -57.61	116.53 8.26 -26.44	87.54 7.58 -3.35	83.84 6.86 -6.24

IP__TICONDEROGA 23804	91.75 10.55 0.00	85.90 9.75 0.00	87.23 9.59 -4.46	85.00 9.58 -2.80	87.78 10.24 0.00	103.19 12.12 -6.88	175.72 17.62 -41.40	151.38 20.09 0.00	113.32 14.18 0.00	88.87 10.50 0.00	82.01 8.79 0.00	75.09 7.93 0.00	70.94 6.62 0.00	69.22 6.24 0.00	69.83 6.58 0.00	76.20 8.04 0.00	91.46 10.67 0.00	131.46 15.03 -11.35	191.68 17.78 -55.35	207.50 14.63 -93.99	162.89 13.53 -57.30	119.66 11.54 -26.30	90.36 10.42 -3.33	86.36 9.41 -6.20
ISLIP_RES_REC 323679	95.82 4.79 -9.84	87.35 4.88 -6.32	84.51 4.61 -6.72	87.69 4.36 -10.72	87.76 4.81 -5.41	104.34 5.64 -14.52	142.02 7.12 -18.20	159.53 7.48 -20.75	134.67 6.44 -29.09	101.24 5.33 -17.54	91.53 4.25 -14.06	82.96 4.03 -11.76	78.24 4.50 -9.42	75.41 4.16 -8.27	75.73 4.56 -7.92	82.49 4.70 -9.64	103.20 5.41 -16.98	139.06 8.93 -25.04	157.32 10.07 -28.70	137.84 9.49 -29.47	132.02 8.38 -31.58	122.65 6.79 -34.04	98.92 5.98 -16.33	103.43 5.73 -26.96
JAMAICA__27_KV_LOAD 355505	94.60 3.65 -9.75	85.69 3.27 -6.26	80.95 3.29 -4.48	78.88 3.05 -3.22	81.41 3.18 -0.69	93.26 3.54 -5.54	140.38 5.60 -18.08	158.43 6.56 -20.57	133.42 5.45 -28.83	101.08 5.33 -17.38	91.48 4.32 -13.94	83.39 4.57 -11.66	77.84 4.18 -9.34	75.08 3.91 -8.20	75.15 4.05 -7.85	81.93 4.23 -9.55	102.16 4.52 -16.83	135.91 5.99 -24.83	154.28 7.23 -28.50	134.41 6.23 -29.30	122.71 5.62 -25.04	103.54 4.66 -17.05	90.33 4.06 -9.66	82.87 3.40 -8.73
JANIS__SOLAR 323808	84.68 3.49 0.00	79.20 3.05 0.00	76.34 2.93 -0.23	75.73 2.98 -0.14	81.11 3.57 0.00	89.00 4.46 -0.35	126.39 7.58 -2.10	138.91 7.61 0.00	103.80 4.66 0.00	80.80 2.43 0.00	74.46 1.24 0.00	67.90 0.74 0.00	64.64 0.32 0.00	63.17 0.19 0.00	63.44 0.19 0.00	68.64 0.48 0.00	82.57 1.78 0.00	109.90 4.21 -0.60	128.24 6.75 -2.94	109.60 5.73 -4.99	99.88 4.78 -3.04	86.50 3.28 -1.40	79.39 2.61 -0.18	73.05 1.98 -0.33
JARVIS____ 23743	81.68 0.49 0.00	76.61 0.46 0.00	73.55 0.37 0.00	72.90 0.29 0.00	78.01 0.47 0.00	84.69 0.51 0.00	117.41 0.70 0.00	132.47 1.18 0.00	100.03 0.89 0.00	79.15 0.78 0.00	73.88 0.66 0.00	67.77 0.60 0.00	64.90 0.58 0.00	63.49 0.50 0.00	63.82 0.57 0.00	68.77 0.61 0.00	81.61 0.81 0.00	106.25 1.16 0.00	119.85 1.31 0.00	100.07 1.19 0.00	93.07 1.01 0.00	82.64 0.82 0.00	77.30 0.69 0.00	71.38 0.64 0.00
JENNISON__1 23625	85.25 4.06 0.00	79.88 3.73 0.00	76.99 3.44 -0.37	76.62 3.78 -0.23	81.73 4.19 0.00	89.73 4.97 -0.58	128.29 8.17 -3.42	139.96 8.67 0.00	104.99 5.85 0.00	82.13 3.76 0.00	76.00 2.78 0.00	69.45 2.28 0.00	66.12 1.80 0.00	64.62 1.64 0.00	64.90 1.64 0.00	70.00 1.84 0.00	83.87 3.07 0.00	111.41 5.36 -0.96	130.58 7.35 -4.69	112.87 6.03 -7.96	102.06 5.16 -4.85	87.98 3.93 -2.23	80.19 3.29 -0.28	73.82 2.55 -0.52
JENNISON__2 23626	85.25 4.06 0.00	79.88 3.73 0.00	76.99 3.44 -0.37	76.62 3.78 -0.23	81.73 4.19 0.00	89.73 4.97 -0.58	128.29 8.17 -3.42	139.96 8.67 0.00	104.99 5.85 0.00	82.13 3.76 0.00	76.00 2.78 0.00	69.45 2.28 0.00	66.12 1.80 0.00	64.62 1.64 0.00	64.90 1.64 0.00	70.00 1.84 0.00	83.87 3.07 0.00	111.41 5.36 -0.96	130.58 7.35 -4.69	112.87 6.03 -7.96	102.06 5.16 -4.85	87.98 3.93 -2.23	80.19 3.29 -0.28	73.82 2.55 -0.52
JERICHO_RISE_WT_PWR 323719	82.41 1.22 0.00	77.52 1.37 0.00	74.79 1.61 0.00	74.72 2.11 0.00	79.09 1.55 0.00	84.94 0.76 0.00	116.94 0.23 0.00	132.09 0.79 0.00	99.24 0.10 0.00	78.69 0.31 0.00	73.95 0.73 0.00	68.23 1.07 0.00	65.48 1.16 0.00	64.31 1.32 0.00	64.45 1.20 0.00	69.31 1.16 0.00	81.29 0.49 0.00	104.46 -0.63 0.00	116.88 -1.66 0.00	97.00 -1.88 0.00	90.86 -1.20 0.00	81.82 0.00 0.00	77.07 0.46 0.00	71.24 0.50 0.00
KATONAH__115KV_46KV_TB4 355592	91.64 3.57 -6.88	83.92 3.35 -4.41	79.62 3.15 -3.30	78.17 3.19 -2.36	81.29 3.26 -0.49	92.10 3.79 -4.12	136.12 5.37 -14.05	151.83 6.04 -14.50	124.72 5.25 -20.32	95.25 4.62 -12.25	86.78 3.73 -9.83	79.18 3.76 -8.25	74.37 3.47 -6.58	71.85 3.09 -5.78	72.07 3.29 -5.53	78.30 3.41 -6.73	96.95 4.28 -11.87	128.42 5.46 -17.86	146.92 6.52 -21.85	128.16 5.64 -23.65	116.60 5.06 -19.48	98.77 4.09 -12.86	87.35 3.83 -6.91	80.28 3.18 -6.35
KCE_NY_1 323755	86.79 5.60 0.00	81.48 5.33 0.00	82.80 5.12 -4.50	80.45 5.01 -2.83	82.97 5.43 0.00	97.28 6.06 -7.03	166.98 8.51 -41.76	140.75 9.46 0.00	105.98 6.84 0.00	83.85 5.48 0.00	77.84 4.62 0.00	71.40 4.23 0.00	68.05 3.73 0.00	66.51 3.53 0.00	66.98 3.73 0.00	72.45 4.30 0.00	86.45 5.65 0.00	124.38 7.78 -11.51	183.70 9.00 -56.15	201.73 7.51 -95.34	156.99 6.81 -58.13	114.40 5.89 -26.68	85.51 5.52 -3.38	82.13 5.10 -6.29
KCE_NY_6_ESR 323823	75.75 -5.44 0.00	70.13 -6.02 0.00	67.47 -5.71 0.00	66.87 -5.74 0.00	72.50 -5.04 0.00	79.47 -4.71 0.00	110.76 -5.95 0.00	124.07 -7.22 0.00	94.19 -4.95 0.00	73.75 -4.62 0.00	68.90 -4.32 0.00	63.27 -3.90 0.00	59.88 -4.44 0.00	58.57 -4.41 0.00	58.44 -4.81 0.00	63.04 -5.11 0.00	74.17 -6.62 0.00	97.84 -7.25 0.00	112.14 -6.40 0.00	93.14 -5.74 0.00	85.89 -6.17 0.00	75.27 -6.55 0.00	71.02 -5.59 0.00	65.72 -5.02 0.00
KEDC_PORT_JEFF_GT2 24210	95.58 4.54 -9.84	87.12 4.65 -6.32	84.21 4.32 -6.72	87.39 4.06 -10.72	87.45 4.50 -5.41	103.92 5.22 -14.52	141.43 6.53 -18.20	158.74 6.69 -20.75	134.18 5.95 -29.09	100.93 5.02 -17.54	91.24 3.95 -14.06	82.75 3.83 -11.76	78.05 4.31 -9.42	75.22 3.97 -8.27	75.53 4.36 -7.92	82.29 4.50 -9.64	102.96 5.18 -16.98	138.54 8.41 -25.04	156.50 9.25 -28.70	137.15 8.80 -29.47	131.37 7.73 -31.58	122.16 6.30 -34.04	98.53 5.59 -16.33	103.08 5.37 -26.96
KEDC_PORT_JEFF_GT3 24211	95.58 4.54 -9.84	87.12 4.65 -6.32	84.21 4.32 -6.72	87.39 4.06 -10.72	87.45 4.50 -5.41	103.92 5.22 -14.52	141.43 6.53 -18.20	158.74 6.69 -20.75	134.18 5.95 -29.09	100.93 5.02 -17.54	91.24 3.95 -14.06	82.75 3.83 -11.76	78.05 4.31 -9.42	75.22 3.97 -8.27	75.53 4.36 -7.92	82.29 4.50 -9.64	102.96 5.18 -16.98	138.54 8.41 -25.04	156.50 9.25 -28.70	137.15 8.80 -29.47	131.37 7.73 -31.58	122.16 6.30 -34.04	98.53 5.59 -16.33	103.08 5.37 -26.96
KEDC_GLWD_GT4 24219	95.33 4.30 -9.84	86.74 4.26 -6.32	83.85 3.95 -6.72	86.96 3.63 -10.72	86.98 4.03 -5.41	103.16 4.46 -14.52	140.74 5.83 -18.20	158.35 6.30 -20.75	133.88 5.65 -29.09	101.00 5.09 -17.54	91.53 4.25 -14.06	83.09 4.17 -11.76	78.11 4.38 -9.42	75.29 4.03 -8.27	75.47 4.30 -7.92	82.16 4.37 -9.64	102.79 5.01 -16.98	137.28 7.15 -25.04	155.19 7.94 -28.70	135.77 7.42 -29.47	130.18 6.54 -31.58	121.34 5.48 -34.04	97.85 4.91 -16.33	102.17 4.46 -26.96
KEDC_GLWD_GT5 24220	95.33 4.30 -9.84	86.74 4.26 -6.32	83.85 3.95 -6.72	86.96 3.63 -10.72	86.98 4.03 -5.41	103.16 4.46 -14.52	140.74 5.83 -18.20	158.35 6.30 -20.75	133.88 5.65 -29.09	101.00 5.09 -17.54	91.53 4.25 -14.06	83.09 4.17 -11.76	78.11 4.38 -9.42	75.29 4.03 -8.27	75.47 4.30 -7.92	82.16 4.37 -9.64	102.79 5.01 -16.98	137.28 7.15 -25.04	155.19 7.94 -28.70	135.77 7.42 -29.47	130.18 6.54 -31.58	121.34 5.48 -34.04	97.85 4.91 -16.33	102.17 4.46 -26.96

KENSICO____ 23655	94.67 2.84 -10.64	85.64 2.67 -6.83	80.51 2.49 -4.84	78.42 2.32 -3.49	80.70 2.40 -0.75	92.94 2.78 -5.97	139.99 3.97 -19.32	158.19 4.46 -22.43	134.65 4.06 -31.44	101.25 3.92 -18.96	91.50 3.08 -15.20	83.17 3.29 -12.71	77.52 3.02 -10.18	74.63 2.71 -8.94	74.72 2.91 -8.56	81.64 3.07 -10.42	102.63 3.47 -18.36	136.58 4.52 -26.97	154.43 5.33 -30.55	134.58 4.65 -31.05	122.96 4.14 -26.76	103.61 3.44 -18.35	90.25 3.14 -10.50	82.82 2.62 -9.46
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	81.70 2.84 2.33	77.32 2.67 1.50	75.19 2.41 0.41	74.58 2.32 0.35	79.86 2.48 0.16	86.92 3.03 0.29	122.84 4.32 -1.82	131.22 4.86 4.93	96.20 3.97 6.91	77.65 3.45 4.17	72.37 2.49 3.34	69.65 2.49 0.00	64.33 2.25 2.24	63.04 2.02 1.96	63.59 2.21 1.88	68.32 2.45 2.29	79.84 3.07 4.02	105.37 4.52 4.24	125.58 5.57 -1.46	110.91 4.94 -7.09	99.00 4.33 -2.61	85.20 3.52 0.14	78.02 3.22 1.81	72.06 2.48 1.16
KIAC_JFK_GT1 23816	93.87 2.92 -9.75	85.00 2.59 -6.26	80.51 2.85 -4.48	78.52 2.69 -3.22	80.95 2.71 -0.69	92.42 2.69 -5.54	139.22 4.43 -18.08	157.12 5.25 -20.57	132.43 4.46 -28.83	100.30 4.55 -17.38	90.82 3.66 -13.94	82.78 3.96 -11.66	77.26 3.60 -9.34	74.52 3.34 -8.20	74.58 3.48 -7.85	81.32 3.61 -9.55	101.35 3.72 -16.83	134.96 5.04 -24.83	152.97 5.93 -28.50	133.42 5.24 -29.30	121.70 4.60 -25.04	102.72 3.85 -17.05	89.64 3.37 -9.66	82.23 2.76 -8.73
KIAC_JFK_GT2 23817	93.87 2.92 -9.75	85.00 2.59 -6.26	80.51 2.85 -4.48	78.52 2.69 -3.22	80.95 2.71 -0.69	92.42 2.69 -5.54	139.22 4.43 -18.08	157.12 5.25 -20.57	132.43 4.46 -28.83	100.30 4.55 -17.38	90.82 3.66 -13.94	82.78 3.96 -11.66	77.26 3.60 -9.34	74.52 3.34 -8.20	74.58 3.48 -7.85	81.32 3.61 -9.55	101.35 3.72 -16.83	134.96 5.04 -24.83	152.97 5.93 -28.50	133.42 5.24 -29.30	121.70 4.60 -25.04	102.72 3.85 -17.05	89.64 3.37 -9.66	82.23 2.76 -8.73
KIAC_JFK____ 323774	93.71 2.76 -9.75	84.92 2.51 -6.26	80.43 2.78 -4.48	78.16 2.32 -3.22	80.87 2.64 -0.69	92.17 2.44 -5.54	138.51 3.73 -18.08	156.59 4.72 -20.57	132.23 4.26 -28.83	100.14 4.39 -17.38	90.82 3.66 -13.94	82.72 3.89 -11.66	77.32 3.66 -9.34	74.58 3.40 -8.20	74.58 3.48 -7.85	81.25 3.54 -9.55	101.43 3.80 -16.83	135.28 5.36 -24.83	153.32 6.28 -28.50	133.81 5.63 -29.30	121.97 4.88 -25.04	103.05 4.17 -17.05	89.94 3.68 -9.66	82.66 3.19 -8.73
KINTIGH____ 23543	73.96 -7.23 0.00	68.92 -7.23 0.00	65.93 -7.24 0.00	65.79 -6.83 0.00	70.87 -6.67 0.00	77.28 -6.90 0.00	107.37 -9.34 0.00	119.87 -11.42 0.00	91.11 -8.03 0.00	71.24 -7.13 0.00	66.63 -6.59 0.00	61.05 -6.11 0.00	58.01 -6.30 0.00	56.88 -6.11 0.00	56.80 -6.45 0.00	61.00 -7.16 0.00	71.99 -8.81 0.00	94.48 -10.61 0.00	107.28 -11.26 0.00	89.78 -9.10 0.00	83.03 -9.02 0.00	73.64 -8.18 0.00	69.33 -7.28 0.00	64.31 -6.44 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	84.11 2.92 0.00	79.20 3.05 0.00	76.25 3.07 0.00	75.88 3.27 0.00	80.88 3.33 0.00	85.62 1.43 0.00	116.59 -0.12 0.00	131.82 0.53 0.00	98.74 -0.40 0.00	79.55 1.18 0.00	76.81 3.59 0.00	70.25 3.09 0.00	67.73 3.41 0.00	66.51 3.53 0.00	66.48 3.23 0.00	71.50 3.34 0.00	84.11 3.31 0.00	109.50 4.41 0.00	122.93 4.39 0.00	101.84 2.97 0.00	94.63 2.58 0.00	83.95 2.13 0.00	78.45 1.84 0.00	73.08 2.33 0.00
LACHUTE__HYDRO 323717	91.74 10.55 0.00	85.98 9.83 0.00	87.23 9.58 -4.46	84.85 9.44 -2.80	87.86 10.31 0.00	103.19 12.13 -6.88	175.73 17.62 -41.40	151.38 20.09 0.00	113.32 14.18 0.00	88.95 10.58 0.00	82.15 8.93 0.00	75.15 7.99 0.00	71.07 6.75 0.00	69.34 6.36 0.00	69.89 6.64 0.00	76.26 8.11 0.00	91.54 10.75 0.00	131.67 15.23 -11.35	192.03 18.14 -55.35	207.60 14.74 -93.99	162.98 13.62 -57.30	119.74 11.61 -26.30	90.36 10.42 -3.33	86.28 9.34 -6.20
LAWRNCV_115KV_TB1 80681	82.98 1.79 0.00	77.98 1.83 0.00	75.37 2.20 0.00	74.57 1.96 0.00	79.25 1.71 0.00	85.53 1.35 0.00	118.69 1.98 0.00	133.79 2.49 0.00	98.84 -0.30 0.00	77.98 -0.39 0.00	81.05 7.83 0.00	68.57 1.41 0.00	71.84 7.53 0.00	70.35 7.37 0.00	70.08 6.83 0.00	71.91 3.75 0.00	79.83 -0.97 0.00	104.04 -1.05 0.00	117.48 -1.07 0.00	98.09 -0.79 0.00	91.04 -1.01 0.00	81.25 -0.57 0.00	78.07 1.46 0.00	79.38 8.63 0.00
LEDERLE____ 23769	67.67 2.19 15.71	68.12 2.06 10.08	69.04 1.90 6.04	69.97 1.82 4.45	78.22 1.78 1.11	79.28 2.19 7.09	101.61 3.15 18.24	101.68 3.54 33.16	55.93 3.27 46.48	53.72 3.37 28.02	53.24 2.49 22.47	51.05 2.69 18.80	51.77 2.51 15.05	51.98 2.20 13.21	53.00 2.40 12.65	55.28 2.52 15.40	56.59 2.91 27.12	71.99 3.89 36.99	91.91 4.62 31.26	80.62 4.05 22.32	70.48 3.59 25.17	64.17 2.86 20.51	64.54 2.60 14.67	60.38 2.05 12.42
LIGHTHSE_115KV_TB6 355974	81.60 0.41 0.00	76.38 0.23 0.00	73.33 0.15 0.00	72.90 0.29 0.00	77.78 0.23 0.00	84.86 0.67 0.00	118.69 1.98 0.00	132.74 1.44 0.00	99.54 0.40 0.00	77.90 -0.47 0.00	72.85 -0.37 0.00	66.16 -1.01 0.00	63.55 -0.77 0.00	62.17 -0.82 0.00	62.18 -1.08 0.00	66.73 -1.43 0.00	79.34 -1.45 0.00	104.14 -0.95 0.00	118.78 0.24 0.00	99.27 0.40 0.00	92.15 0.09 0.00	81.41 -0.41 0.00	75.92 -0.69 0.00	70.53 -0.21 0.00
LINDEN COGEN____ 23786	54.65 2.43 28.97	52.73 2.28 25.70	52.41 2.05 22.82	51.54 1.67 22.74	53.61 1.94 25.87	52.96 2.19 33.41	80.27 3.26 39.70	92.25 3.81 42.86	60.55 3.47 42.06	53.24 3.68 28.81	50.28 3.00 25.94	47.69 3.09 22.56	46.12 3.02 21.22	44.84 2.77 20.91	48.33 2.85 17.77	48.12 2.93 22.97	53.79 3.31 30.32	71.62 4.52 37.99	78.80 5.34 45.08	70.01 4.84 33.71	62.50 4.15 33.70	58.01 3.36 27.17	54.49 2.91 25.03	53.16 2.69 20.27
LINDHRST_69_KV_BK1 356055	95.66 4.63 -9.84	87.19 4.72 -6.32	84.43 4.54 -6.71	87.68 4.36 -10.71	87.52 4.58 -5.40	104.00 5.30 -14.51	141.44 6.54 -18.20	158.75 6.70 -20.75	134.18 5.95 -29.09	101.32 5.41 -17.54	91.38 4.10 -14.06	83.09 4.16 -11.76	77.85 4.12 -9.42	75.16 3.91 -8.27	75.28 4.11 -7.92	82.16 4.36 -9.64	102.87 5.09 -16.98	137.70 7.57 -25.04	155.66 8.42 -28.70	136.26 7.91 -29.47	130.81 7.18 -31.58	121.82 5.97 -34.03	98.37 5.44 -16.32	102.51 4.81 -26.95
LIPA_MISC_IPP 23656	95.01 3.98 -9.84	86.66 4.19 -6.32	83.91 4.02 -6.71	87.24 3.92 -10.71	87.05 4.11 -5.40	103.58 4.88 -14.51	140.74 5.84 -18.20	157.96 5.91 -20.75	133.38 5.16 -29.09	100.45 4.55 -17.54	90.51 3.22 -14.06	82.22 3.29 -11.76	77.21 3.47 -9.42	74.53 3.28 -8.27	74.71 3.54 -7.92	81.54 3.75 -9.64	102.14 4.36 -16.98	137.49 7.36 -25.04	155.07 7.82 -28.70	136.16 7.81 -29.47	130.63 7.00 -31.58	121.58 5.73 -34.03	98.06 5.13 -16.32	102.58 4.88 -26.95
LISF__SOLAR 323691	95.17 4.14 -9.84	86.74 4.26 -6.32	83.92 4.02 -6.72	87.10 3.77 -10.72	87.14 4.18 -5.41	103.67 4.97 -14.52	140.97 6.06 -18.20	158.22 6.17 -20.75	133.58 5.35 -29.09	100.37 4.46 -17.54	90.73 3.44 -14.06	82.22 3.29 -11.76	77.60 3.86 -9.42	74.71 3.46 -8.27	75.03 3.86 -7.92	81.81 4.02 -9.64	102.30 4.52 -16.98	138.11 7.98 -25.04	156.02 8.77 -28.70	136.85 8.50 -29.47	131.19 7.55 -31.58	121.91 6.05 -34.04	98.30 5.36 -16.33	103.08 5.37 -26.96

LITTLE FALLS___HYD 24013	81.35 0.16 0.00	76.30 0.15 0.00	73.33 0.15 0.00	72.76 0.15 0.00	77.78 0.23 0.00	84.44 0.25 0.00	116.94 0.23 0.00	131.95 0.66 0.00	99.73 0.59 0.00	78.92 0.55 0.00	73.51 0.29 0.00	67.43 0.27 0.00	64.51 0.19 0.00	63.17 0.19 0.00	63.38 0.13 0.00	68.36 0.20 0.00	81.12 0.32 0.00	105.62 0.53 0.00	119.26 0.71 0.00	99.67 0.79 0.00	92.79 0.74 0.00	82.64 0.82 0.00	77.38 0.77 0.00	71.24 0.50 0.00
LITTLRIV_115KV_TB1 356100	84.11 2.92 0.00	79.04 2.89 0.00	76.40 3.22 0.00	75.66 3.05 0.00	80.41 2.87 0.00	87.55 3.37 0.00	121.96 5.25 0.00	137.07 5.78 0.00	100.83 1.69 0.00	79.23 0.86 0.00	81.57 8.35 0.00	69.31 2.15 0.00	72.16 7.85 0.00	70.67 7.68 0.00	70.40 7.15 0.00	72.52 4.36 0.00	81.04 0.24 0.00	106.04 0.95 0.00	120.20 1.66 0.00	100.56 1.68 0.00	93.34 1.29 0.00	83.13 1.31 0.00	79.67 3.06 0.00	80.30 9.55 0.00
LI_NEWBRDGE___DRP 323616	94.61 3.57 -9.84	86.05 3.58 -6.32	83.33 3.44 -6.71	86.59 3.27 -10.71	86.35 3.41 -5.40	102.57 3.87 -14.51	139.57 4.67 -18.20	156.78 4.73 -20.75	132.79 4.56 -29.09	100.38 4.47 -17.54	90.58 3.29 -14.06	82.42 3.49 -11.76	77.15 3.41 -9.42	74.46 3.21 -8.27	74.59 3.42 -7.92	81.34 3.54 -9.64	101.82 4.04 -16.98	135.70 5.57 -25.04	153.41 6.16 -28.70	134.18 5.83 -29.47	128.97 5.34 -31.58	120.27 4.42 -34.03	97.07 4.14 -16.32	101.24 3.54 -26.95
LOCKPORT_115KV_TB60_63_64 80432	73.15 -8.04 0.00	68.00 -8.15 0.00	65.06 -8.12 0.00	64.99 -7.62 0.00	70.10 -7.44 0.00	76.27 -7.91 0.00	105.85 -10.85 0.00	118.30 -13.00 0.00	89.82 -9.32 0.00	70.14 -8.23 0.00	65.68 -7.54 0.00	60.18 -6.98 0.00	57.11 -7.20 0.00	55.93 -7.05 0.00	55.85 -7.40 0.00	59.91 -8.25 0.00	70.62 -10.18 0.00	92.79 -12.30 0.00	105.50 -13.04 0.00	88.40 -10.48 0.00	81.75 -10.31 0.00	72.66 -9.16 0.00	68.49 -8.12 0.00	63.60 -7.15 0.00
LOCKPORT___CC1 323769	73.24 -7.95 0.00	67.77 -8.38 0.00	65.13 -8.05 0.00	64.55 -8.06 0.00	70.10 -7.44 0.00	76.86 -7.32 0.00	106.78 -9.92 0.00	118.95 -12.35 0.00	90.32 -8.82 0.00	70.77 -7.60 0.00	66.12 -7.10 0.00	60.65 -6.51 0.00	57.50 -6.82 0.00	56.31 -6.68 0.00	56.17 -7.08 0.00	60.59 -7.57 0.00	71.18 -9.62 0.00	93.74 -11.35 0.00	107.52 -11.02 0.00	89.29 -9.59 0.00	82.39 -9.66 0.00	72.42 -9.41 0.00	68.33 -8.28 0.00	63.39 -7.36 0.00
LOCKPORT___CC2 323770	73.24 -7.95 0.00	67.77 -8.38 0.00	65.13 -8.05 0.00	64.55 -8.06 0.00	70.10 -7.44 0.00	76.86 -7.32 0.00	106.78 -9.92 0.00	118.95 -12.35 0.00	90.32 -8.82 0.00	70.77 -7.60 0.00	66.12 -7.10 0.00	60.65 -6.51 0.00	57.50 -6.82 0.00	56.31 -6.68 0.00	56.17 -7.08 0.00	60.59 -7.57 0.00	71.18 -9.62 0.00	93.74 -11.35 0.00	107.52 -11.02 0.00	89.29 -9.59 0.00	82.39 -9.66 0.00	72.42 -9.41 0.00	68.33 -8.28 0.00	63.39 -7.36 0.00
LOCKPORT___CC3 323771	73.24 -7.95 0.00	67.77 -8.38 0.00	65.13 -8.05 0.00	64.55 -8.06 0.00	70.10 -7.44 0.00	76.86 -7.32 0.00	106.78 -9.92 0.00	118.95 -12.35 0.00	90.32 -8.82 0.00	70.77 -7.60 0.00	66.12 -7.10 0.00	60.65 -6.51 0.00	57.50 -6.82 0.00	56.31 -6.68 0.00	56.17 -7.08 0.00	60.59 -7.57 0.00	71.18 -9.62 0.00	93.74 -11.35 0.00	107.52 -11.02 0.00	89.29 -9.59 0.00	82.39 -9.66 0.00	72.42 -9.41 0.00	68.33 -8.28 0.00	63.39 -7.36 0.00
LONG_LAKE_PHOENIX 24014	80.54 -0.65 0.00	75.39 -0.76 0.00	72.37 -0.80 0.00	71.89 -0.73 0.00	76.85 -0.70 0.00	83.85 -0.34 0.00	117.05 0.35 0.00	130.90 -0.39 0.00	98.54 -0.59 0.00	77.35 -1.02 0.00	72.05 -1.17 0.00	65.75 -1.41 0.00	62.84 -1.48 0.00	61.41 -1.57 0.00	61.54 -1.71 0.00	66.32 -1.84 0.00	79.02 -1.78 0.00	103.41 -1.68 0.00	117.60 -0.95 0.00	98.19 -0.69 0.00	91.14 -0.92 0.00	80.59 -1.23 0.00	75.15 -1.46 0.00	69.47 -1.27 0.00
LOVETT___3 23632	67.34 1.87 15.72	67.82 1.75 10.09	68.75 1.61 6.03	69.61 1.45 4.45	77.91 1.47 1.11	78.86 1.77 7.09	101.06 2.57 18.21	101.02 2.89 33.17	55.42 2.78 46.49	53.32 2.98 28.03	52.94 2.20 22.48	50.84 2.49 18.81	51.51 2.25 15.06	51.72 1.95 13.21	52.75 2.15 12.66	54.94 2.18 15.40	56.18 2.50 27.12	71.36 3.26 36.99	91.12 3.79 31.22	80.10 3.46 22.24	69.97 3.04 25.12	63.70 2.37 20.49	64.16 2.22 14.67	60.10 1.77 12.41
LOVETT___4 23642	67.34 1.87 15.72	67.82 1.75 10.09	68.75 1.61 6.03	69.61 1.45 4.45	77.91 1.47 1.11	78.86 1.77 7.09	101.06 2.57 18.21	101.02 2.89 33.17	55.42 2.78 46.49	53.32 2.98 28.03	52.94 2.20 22.48	50.84 2.49 18.81	51.51 2.25 15.06	51.72 1.95 13.21	52.75 2.15 12.66	54.94 2.18 15.40	56.18 2.50 27.12	71.36 3.26 36.99	91.12 3.79 31.22	80.10 3.46 22.24	69.97 3.04 25.12	63.70 2.37 20.49	64.16 2.22 14.67	60.10 1.77 12.41
LOVETT___5 23593	67.34 1.87 15.72	67.82 1.75 10.09	68.75 1.61 6.03	69.61 1.45 4.45	77.91 1.47 1.11	78.86 1.77 7.09	101.06 2.57 18.21	101.02 2.89 33.17	55.42 2.78 46.49	53.32 2.98 28.03	52.94 2.20 22.48	50.84 2.49 18.81	51.51 2.25 15.06	51.72 1.95 13.21	52.75 2.15 12.66	54.94 2.18 15.40	56.18 2.50 27.12	71.36 3.26 36.99	91.12 3.79 31.22	80.10 3.46 22.24	69.97 3.04 25.12	63.70 2.37 20.49	64.16 2.22 14.67	60.10 1.77 12.41
LOWER RAQUET___HYD 24057	82.97 1.78 0.00	78.06 1.90 0.00	75.59 2.41 0.00	75.73 3.12 0.00	79.25 1.70 0.00	85.53 1.34 0.00	118.81 2.10 0.00	133.92 2.62 0.00	98.84 -0.30 0.00	77.98 -0.39 0.00	73.74 0.52 0.00	74.28 7.12 0.00	71.07 6.75 0.00	69.60 6.61 0.00	69.39 6.13 0.00	73.88 5.73 0.00	79.35 -1.45 0.00	102.78 -2.31 0.00	116.05 -2.50 0.00	96.90 -1.98 0.00	90.22 -1.84 0.00	81.00 -0.82 0.00	78.06 1.45 0.00	72.37 1.63 0.00
LOWER___HUDSON 24059	84.85 3.66 0.00	79.73 3.58 0.00	80.38 3.37 -3.84	78.21 3.19 -2.41	81.11 3.57 0.00	93.96 3.79 -5.98	157.30 5.01 -35.58	136.68 5.39 0.00	103.30 4.16 0.00	82.13 3.76 0.00	76.44 3.22 0.00	70.25 3.09 0.00	67.08 2.76 0.00	65.63 2.64 0.00	66.10 2.85 0.00	71.29 3.14 0.00	84.68 3.88 0.00	119.93 5.04 -9.80	171.93 5.57 -47.81	185.00 4.94 -81.18	146.06 4.51 -49.49	108.47 3.93 -22.72	83.24 3.75 -2.88	79.71 3.61 -5.36
LOWVILLE_115KV_TB2 356335	84.19 3.00 0.00	78.89 2.74 0.00	75.81 2.63 0.00	75.37 2.76 0.00	80.49 2.95 0.00	87.55 3.37 0.00	122.42 5.72 0.00	137.86 6.56 0.00	102.91 3.77 0.00	80.41 2.04 0.00	76.51 3.29 0.00	68.51 1.34 0.00	66.96 2.64 0.00	65.50 2.52 0.00	65.09 1.83 0.00	69.25 1.09 0.00	81.44 0.65 0.00	107.09 2.00 0.00	121.86 3.32 0.00	101.84 2.97 0.00	94.36 2.30 0.00	83.46 1.64 0.00	78.14 1.53 0.00	73.50 2.76 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	86.79 5.60 0.00	81.33 5.18 0.00	82.80 5.12 -4.50	80.52 5.08 -2.83	82.89 5.35 0.00	97.19 5.98 -7.03	166.87 8.40 -41.76	140.75 9.45 0.00	105.88 6.74 0.00	83.78 5.41 0.00	77.69 4.47 0.00	71.33 4.16 0.00	67.92 3.60 0.00	66.39 3.40 0.00	66.92 3.67 0.00	72.38 4.23 0.00	86.29 5.49 0.00	124.17 7.57 -11.51	183.35 8.65 -56.15	201.54 7.32 -95.34	156.81 6.63 -58.13	114.31 5.81 -26.68	85.50 5.52 -3.38	81.99 4.95 -6.29

LUTHERNY_35_KV_BK2 355980	86.79 5.60 0.00	81.41 5.25 0.00	82.80 5.12 -4.50	80.52 5.08 -2.83	82.97 5.43 0.00	97.27 6.06 -7.03	166.99 8.52 -41.76	140.75 9.45 0.00	105.98 6.84 0.00	83.86 5.49 0.00	77.69 4.47 0.00	71.39 4.23 0.00	67.98 3.67 0.00	66.45 3.46 0.00	66.92 3.67 0.00	72.45 4.29 0.00	86.37 5.58 0.00	124.27 7.67 -11.51	183.46 8.77 -56.15	201.54 7.32 -95.34	156.90 6.72 -58.13	114.39 5.89 -26.68	85.50 5.52 -3.38	82.06 5.02 -6.29
LWR___OSWEGATCHIE_HYD 23850	83.30 2.11 0.00	78.21 2.06 0.00	75.30 2.12 0.00	74.72 2.11 0.00	79.56 2.02 0.00	86.29 2.10 0.00	120.32 3.62 0.00	135.50 4.20 0.00	100.53 1.39 0.00	78.84 0.47 0.00	78.42 5.20 0.00	68.24 1.07 0.00	69.08 4.76 0.00	67.65 4.66 0.00	67.30 4.05 0.00	70.27 2.11 0.00	80.31 -0.48 0.00	105.09 0.00 0.00	119.37 0.83 0.00	99.77 0.89 0.00	92.52 0.46 0.00	82.15 0.33 0.00	77.91 1.30 0.00	76.26 5.52 0.00
LYONS_FALL_HYD 23570	83.87 2.68 0.00	78.59 2.44 0.00	75.52 2.34 0.00	75.15 2.54 0.00	80.18 2.64 0.00	87.21 3.03 0.00	121.83 5.13 0.00	137.21 5.91 0.00	102.81 3.67 0.00	80.56 2.19 0.00	74.91 1.69 0.00	69.65 2.49 0.00	66.51 2.19 0.00	65.06 2.08 0.00	64.89 1.64 0.00	69.86 1.70 0.00	82.01 1.21 0.00	107.51 2.42 0.00	122.22 3.68 0.00	102.04 3.16 0.00	94.63 2.57 0.00	83.78 1.96 0.00	78.37 1.76 0.00	72.02 1.27 0.00
MADISON___COUNTY_LFGE 323628	83.30 2.11 0.00	78.05 1.90 0.00	74.94 1.76 0.00	74.50 1.89 0.00	79.64 2.09 0.00	86.79 2.61 0.00	120.91 4.20 0.00	135.89 4.60 0.00	102.21 3.07 0.00	80.25 1.88 0.00	74.76 1.54 0.00	68.30 1.14 0.00	65.48 1.16 0.00	64.06 1.07 0.00	64.20 0.95 0.00	69.18 1.02 0.00	82.41 1.62 0.00	107.93 2.84 0.00	122.57 4.03 0.00	102.24 3.36 0.00	95.00 2.95 0.00	84.03 2.21 0.00	78.53 1.92 0.00	72.37 1.63 0.00
MALONE___115KV_TB1 356076	83.55 2.35 0.00	78.66 2.51 0.00	75.81 2.63 0.00	75.30 2.69 0.00	80.18 2.64 0.00	86.29 2.10 0.00	119.62 2.92 0.00	135.10 3.81 0.00	100.83 1.69 0.00	79.70 1.33 0.00	77.47 4.25 0.00	69.51 2.35 0.00	68.37 4.05 0.00	67.20 4.22 0.00	67.11 3.86 0.00	71.29 3.14 0.00	82.74 1.94 0.00	107.61 2.52 0.00	121.03 2.49 0.00	100.56 1.68 0.00	93.53 1.47 0.00	83.21 1.39 0.00	78.37 1.76 0.00	74.64 3.89 0.00
MAPLEWOD_115KV_TB3 80458	84.52 3.33 0.00	79.35 3.20 0.00	79.37 3.07 -3.12	77.55 2.98 -1.96	80.72 3.18 0.00	92.50 3.45 -4.87	150.19 4.55 -28.93	136.15 4.86 0.00	102.81 3.67 0.00	81.90 3.53 0.00	76.08 2.86 0.00	69.98 2.82 0.00	66.83 2.51 0.00	65.38 2.39 0.00	65.78 2.53 0.00	71.02 2.86 0.00	84.19 3.39 0.00	117.48 4.41 -7.97	162.30 4.86 -38.89	169.17 4.25 -66.04	136.28 3.96 -40.26	103.74 3.44 -18.48	82.32 3.37 -2.34	78.22 3.11 -4.36
MAPLE_RIDGE_WT_1 323574	81.52 0.33 0.00	76.53 0.38 0.00	73.69 0.52 0.00	73.26 0.65 0.00	77.93 0.39 0.00	84.35 0.17 0.00	116.94 0.23 0.00	131.69 0.40 0.00	99.34 0.20 0.00	78.53 0.16 0.00	73.51 0.29 0.00	67.36 0.20 0.00	64.58 0.26 0.00	63.24 0.25 0.00	63.51 0.25 0.00	68.36 0.21 0.00	80.96 0.16 0.00	104.98 -0.10 0.00	118.07 -0.47 0.00	98.29 -0.59 0.00	91.51 -0.55 0.00	81.41 -0.41 0.00	76.15 -0.46 0.00	70.25 -0.49 0.00
MAPLE_RIDGE_WT_2 323611	81.52 0.33 0.00	76.53 0.38 0.00	73.69 0.52 0.00	73.26 0.65 0.00	77.93 0.39 0.00	84.35 0.17 0.00	116.94 0.23 0.00	131.69 0.40 0.00	99.34 0.20 0.00	78.53 0.16 0.00	73.51 0.29 0.00	67.36 0.20 0.00	64.58 0.26 0.00	63.24 0.25 0.00	63.51 0.25 0.00	68.36 0.21 0.00	80.96 0.16 0.00	104.98 -0.10 0.00	118.07 -0.47 0.00	98.29 -0.59 0.00	91.51 -0.55 0.00	81.41 -0.41 0.00	76.15 -0.46 0.00	70.25 -0.49 0.00
MARBLE_RIVER_WT_PWR 323696	83.46 2.27 0.00	78.66 2.51 0.00	75.96 2.78 0.00	76.17 3.56 0.00	80.49 2.95 0.00	84.85 0.67 0.00	114.83 -1.87 0.00	129.98 -1.31 0.00	97.45 -1.69 0.00	78.92 0.55 0.00	74.17 0.95 0.00	68.30 1.14 0.00	65.48 1.16 0.00	64.31 1.32 0.00	64.39 1.14 0.00	69.18 1.02 0.00	81.29 0.49 0.00	102.47 -2.62 0.00	114.63 -3.91 0.00	94.73 -4.15 0.00	89.11 -2.95 0.00	81.74 -0.08 0.00	77.53 0.92 0.00	71.73 0.99 0.00
MARSHVLE_115KV_TB1 80742	87.60 6.41 0.00	82.01 5.86 0.00	83.19 5.71 -4.30	81.05 5.74 -2.70	83.82 6.28 0.00	98.22 7.32 -6.71	167.24 10.62 -39.91	143.24 11.95 0.00	106.28 7.14 0.00	82.45 4.08 0.00	76.37 3.15 0.00	69.85 2.69 0.00	66.70 2.38 0.00	65.63 2.65 0.00	66.04 2.78 0.00	71.63 3.48 0.00	86.45 5.66 0.00	124.39 8.30 -11.00	182.87 10.67 -53.66	198.89 8.90 -91.12	155.70 8.10 -55.55	114.27 6.95 -25.50	86.04 6.21 -3.23	82.13 5.38 -6.01
MARSH_HILL_WT_PWR 323713	79.33 -1.86 0.00	73.79 -2.36 0.00	71.10 -2.19 -0.12	70.43 -2.25 -0.07	75.99 -1.55 0.00	83.61 -0.76 -0.18	117.68 -0.12 -1.09	129.59 -1.71 0.00	96.76 -2.38 0.00	75.63 -2.75 0.00	70.29 -2.93 0.00	64.34 -2.82 0.00	61.23 -3.09 0.00	59.77 -3.21 0.00	59.77 -3.48 0.00	64.48 -3.68 0.00	77.08 -3.72 0.00	102.27 -3.15 -0.33	118.86 -1.30 -1.61	100.63 -0.99 -2.74	91.98 -1.75 -1.67	79.65 -2.94 -0.77	73.80 -2.91 -0.10	67.89 -3.04 -0.18
MCINTYRE_115KV_TB2 80467	84.68 3.49 0.00	79.58 3.43 0.00	76.91 3.73 0.00	76.17 3.56 0.00	81.03 3.49 0.00	89.15 4.97 0.00	124.41 7.70 0.00	139.57 8.27 0.00	102.11 2.97 0.00	79.94 1.57 0.00	82.08 8.86 0.00	69.65 2.49 0.00	72.55 8.23 0.00	70.98 8.00 0.00	70.72 7.46 0.00	72.93 4.77 0.00	81.77 0.97 0.00	107.30 2.21 0.00	122.34 3.79 0.00	102.54 3.66 0.00	95.19 3.13 0.00	84.69 2.86 0.00	80.98 4.37 0.00	81.36 10.61 0.00
MECO_____69_KV_BK1 80468	88.58 7.39 0.00	83.00 6.85 0.00	84.46 6.66 -4.62	82.19 6.68 -2.90	84.75 7.21 0.00	99.72 8.33 -7.20	171.79 12.25 -42.83	145.08 13.79 0.00	107.86 8.72 0.00	83.86 5.49 0.00	77.61 4.39 0.00	70.99 3.83 0.00	67.66 3.34 0.00	66.45 3.46 0.00	66.86 3.61 0.00	72.59 4.43 0.00	87.34 6.54 0.00	126.56 9.67 -11.80	188.21 12.09 -57.58	206.74 10.09 -97.77	160.87 9.21 -59.61	117.04 7.85 -27.36	87.20 7.12 -3.46	83.49 6.30 -6.45
MENANDS___115KV_TB5 355628	84.36 3.17 0.00	79.20 3.05 0.00	79.09 2.93 -2.99	77.32 2.83 -1.87	80.57 3.02 0.00	92.12 3.28 -4.66	148.59 4.20 -27.69	135.76 4.46 0.00	102.61 3.47 0.00	81.74 3.37 0.00	75.93 2.71 0.00	69.92 2.75 0.00	66.76 2.44 0.00	65.25 2.27 0.00	65.72 2.47 0.00	70.88 2.73 0.00	83.95 3.15 0.00	116.82 4.10 -7.63	160.15 4.39 -37.22	165.93 3.86 -63.20	134.17 3.59 -38.53	102.70 3.19 -17.68	82.07 3.22 -2.24	77.82 2.90 -4.17
MG INDUSTRY___DRP 24185	84.19 3.00 0.00	79.04 2.89 0.00	77.66 2.63 -1.84	76.38 2.61 -1.16	80.49 2.95 0.00	90.09 3.03 -2.88	137.66 3.85 -17.11	135.37 4.07 0.00	101.92 2.78 0.00	80.88 2.51 0.00	75.12 1.90 0.00	69.11 1.95 0.00	65.99 1.67 0.00	64.56 1.57 0.00	64.96 1.71 0.00	70.20 2.04 0.00	83.30 2.50 0.00	113.06 3.26 -4.71	145.22 3.67 -23.00	141.19 3.26 -39.05	118.90 3.04 -23.81	95.37 2.62 -10.93	80.67 2.68 -1.38	75.87 2.55 -2.58

MID___OSWEGATCHIE_HYD 23849	83.30 2.11 0.00	78.21 2.06 0.00	75.30 2.12 0.00	74.72 2.11 0.00	79.56 2.02 0.00	86.29 2.10 0.00	120.32 3.62 0.00	135.50 4.20 0.00	100.53 1.39 0.00	78.84 0.47 0.00	78.42 5.20 0.00	68.24 1.07 0.00	69.08 4.76 0.00	67.65 4.66 0.00	67.30 4.05 0.00	70.27 2.11 0.00	80.31 -0.48 0.00	105.09 0.00 0.00	119.37 0.83 0.00	99.77 0.89 0.00	92.52 0.46 0.00	82.15 0.33 0.00	77.91 1.30 0.00	76.26 5.52 0.00
MID___RAQUETTE_HYD 23851	82.98 1.79 0.00	78.05 1.90 0.00	75.37 2.20 0.00	74.65 2.03 0.00	79.25 1.71 0.00	85.53 1.35 0.00	118.81 2.10 0.00	133.79 2.49 0.00	98.84 -0.30 0.00	77.98 -0.39 0.00	80.69 7.47 0.00	68.57 1.41 0.00	71.46 7.14 0.00	69.98 6.99 0.00	69.70 6.45 0.00	71.70 3.54 0.00	79.83 -0.97 0.00	104.04 -1.05 0.00	117.48 -1.07 0.00	98.09 -0.79 0.00	91.14 -0.92 0.00	81.33 -0.49 0.00	78.07 1.46 0.00	78.95 8.21 0.00
MILLIKEN___1 23584	81.76 0.57 0.00	76.53 0.38 0.00	73.67 0.37 -0.12	73.13 0.44 -0.08	78.16 0.62 0.00	85.47 1.09 -0.19	120.08 2.22 -1.15	133.27 1.97 0.00	100.13 0.99 0.00	78.61 0.24 0.00	72.93 -0.29 0.00	66.69 -0.47 0.00	63.61 -0.71 0.00	62.23 -0.76 0.00	62.37 -0.89 0.00	67.34 -0.82 0.00	80.31 -0.48 0.00	105.75 0.32 -0.35	121.65 1.42 -1.69	103.12 1.38 -2.86	94.81 1.01 -1.74	83.03 0.41 -0.80	76.79 0.08 -0.10	70.86 -0.07 -0.19
MILLIKEN___2 23585	81.76 0.57 0.00	76.53 0.38 0.00	73.67 0.37 -0.12	73.13 0.44 -0.08	78.16 0.62 0.00	85.47 1.09 -0.19	120.08 2.22 -1.15	133.27 1.97 0.00	100.13 0.99 0.00	78.61 0.24 0.00	72.93 -0.29 0.00	66.69 -0.47 0.00	63.61 -0.71 0.00	62.23 -0.76 0.00	62.37 -0.89 0.00	67.34 -0.82 0.00	80.31 -0.48 0.00	105.75 0.32 -0.35	121.65 1.42 -1.69	103.12 1.38 -2.86	94.81 1.01 -1.74	83.03 0.41 -0.80	76.79 0.08 -0.10	70.86 -0.07 -0.19
MILLIKEN___DIESEL 23629	81.76 0.57 0.00	76.53 0.38 0.00	73.67 0.37 -0.12	73.13 0.44 -0.08	78.16 0.62 0.00	85.47 1.09 -0.19	120.08 2.22 -1.15	133.27 1.97 0.00	100.13 0.99 0.00	78.61 0.24 0.00	72.93 -0.29 0.00	66.69 -0.47 0.00	63.61 -0.71 0.00	62.23 -0.76 0.00	62.37 -0.89 0.00	67.34 -0.82 0.00	80.31 -0.48 0.00	105.75 0.32 -0.35	121.65 1.42 -1.69	103.12 1.38 -2.86	94.81 1.01 -1.74	83.03 0.41 -0.80	76.79 0.08 -0.10	70.86 -0.07 -0.19
MILLSEAT___LFGE 323607	75.02 -6.17 0.00	69.68 -6.47 0.00	66.81 -6.37 0.00	66.29 -6.32 0.00	71.89 -5.66 0.00	79.05 -5.14 0.00	110.99 -5.72 0.00	123.95 -7.35 0.00	93.98 -5.16 0.00	73.20 -5.17 0.00	68.24 -4.98 0.00	62.59 -4.57 0.00	59.05 -5.27 0.00	57.88 -5.10 0.00	57.69 -5.57 0.00	62.29 -5.86 0.00	73.37 -7.43 0.00	97.10 -7.99 0.00	111.43 -7.11 0.00	92.65 -6.23 0.00	85.34 -6.72 0.00	74.87 -6.96 0.00	70.48 -6.13 0.00	65.23 -5.52 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	138.34 2.52 -54.63	113.57 2.36 -35.06	98.32 2.20 -22.95	91.43 2.11 -16.71	83.50 2.09 -3.86	114.34 2.44 -27.72	201.83 3.50 -81.63	250.43 3.94 -115.20	264.18 3.57 -161.47	179.33 3.61 -97.35	154.07 2.78 -78.07	135.35 2.96 -65.23	119.31 2.70 -52.29	111.27 2.39 -45.90	109.80 2.59 -43.96	124.38 2.73 -53.50	178.21 3.15 -94.27	242.81 4.10 -133.62	256.48 4.74 -133.20	222.36 4.25 -119.23	208.71 3.77 -112.88	167.81 3.03 -82.97	131.94 2.83 -52.49	119.00 2.33 -45.92
MILLWOOD_13_KV_LOAD 356217	138.58 2.76 -54.63	113.80 2.59 -35.06	98.54 2.41 -22.95	91.65 2.32 -16.71	83.73 2.33 -3.86	114.68 2.78 -27.72	202.18 3.85 -81.63	250.96 4.46 -115.20	264.57 3.97 -161.47	179.56 3.84 -97.35	154.29 3.00 -78.07	135.48 3.09 -65.23	119.50 2.89 -52.29	111.46 2.58 -45.90	109.93 2.72 -43.96	124.51 2.86 -53.50	178.46 3.39 -94.27	243.12 4.41 -133.62	256.96 5.22 -133.20	222.66 4.55 -119.23	208.99 4.05 -112.88	168.06 3.27 -82.97	132.17 3.06 -52.49	119.14 2.48 -45.92
MODEL_CITY_ENERGY 24167	72.67 -8.52 0.00	67.24 -8.91 0.00	64.62 -8.56 0.00	64.12 -8.50 0.00	69.56 -7.99 0.00	76.36 -7.83 0.00	106.09 -10.62 0.00	118.17 -13.13 0.00	89.72 -9.42 0.00	70.30 -8.07 0.00	65.75 -7.47 0.00	60.31 -6.85 0.00	57.12 -7.20 0.00	55.93 -7.05 0.00	55.85 -7.40 0.00	60.25 -7.91 0.00	70.70 -10.10 0.00	93.11 -11.98 0.00	106.81 -11.74 0.00	88.59 -10.29 0.00	81.75 -10.31 0.00	71.92 -9.90 0.00	67.95 -8.66 0.00	63.04 -7.71 0.00
MODERN_LFGE___ 323580	72.67 -8.52 0.00	67.24 -8.91 0.00	64.62 -8.56 0.00	64.12 -8.50 0.00	69.56 -7.99 0.00	76.36 -7.83 0.00	106.09 -10.62 0.00	118.17 -13.13 0.00	89.72 -9.42 0.00	70.30 -8.07 0.00	65.75 -7.47 0.00	60.31 -6.85 0.00	57.12 -7.20 0.00	55.93 -7.05 0.00	55.85 -7.40 0.00	60.25 -7.91 0.00	70.70 -10.10 0.00	93.11 -11.98 0.00	106.81 -11.74 0.00	88.59 -10.29 0.00	81.75 -10.31 0.00	71.92 -9.90 0.00	67.95 -8.66 0.00	63.04 -7.71 0.00
MOHAWK_PAPER___DRP 24187	84.52 3.33 0.00	79.35 3.20 0.00	79.37 3.07 -3.12	77.55 2.98 -1.96	80.72 3.18 0.00	92.50 3.45 -4.87	150.19 4.55 -28.93	136.15 4.86 0.00	102.81 3.67 0.00	81.90 3.53 0.00	76.08 2.86 0.00	69.98 2.82 0.00	66.83 2.51 0.00	65.38 2.39 0.00	65.78 2.53 0.00	71.02 2.86 0.00	84.19 3.39 0.00	117.48 4.41 -7.97	162.30 4.86 -38.89	169.17 4.25 -66.04	136.28 3.96 -40.26	103.74 3.44 -18.48	82.32 3.37 -2.34	78.22 3.11 -4.36
MOHICAN___35_KV_115KV_LD 80490	88.58 7.39 0.00	82.93 6.78 0.00	84.29 6.66 -4.45	82.08 6.68 -2.79	84.68 7.13 0.00	99.46 8.42 -6.86	169.98 12.02 -41.25	144.82 13.52 0.00	108.86 9.72 0.00	85.82 7.45 0.00	79.30 6.08 0.00	72.74 5.57 0.00	69.01 4.70 0.00	67.46 4.47 0.00	68.00 4.74 0.00	73.75 5.59 0.00	88.23 7.43 0.00	126.80 10.40 -11.31	185.93 12.21 -55.17	202.65 10.09 -93.69	158.38 9.21 -57.12	116.06 8.02 -26.22	87.36 7.43 -3.32	83.58 6.65 -6.18
MONGAUP___HYD 23641	73.27 2.76 10.69	71.96 2.66 6.86	71.53 2.34 3.99	71.76 2.11 2.96	79.27 2.48 0.75	81.98 2.44 4.64	108.05 2.69 11.34	110.84 2.09 22.55	69.51 1.98 31.61	61.50 2.19 19.06	59.84 1.90 15.28	56.38 1.95 12.74	55.88 1.80 10.24	55.57 1.58 8.98	56.42 1.77 8.61	59.66 1.98 10.47	64.54 2.18 18.44	83.28 3.05 24.86	102.87 4.15 19.82	90.00 3.85 12.73	80.21 3.78 15.62	71.58 3.03 13.27	69.32 2.61 9.89	64.66 2.20 8.28
MONTAUK___DIESEL 23721	95.50 4.47 -9.84	87.49 5.03 -6.32	84.87 4.98 -6.71	88.55 5.23 -10.71	88.60 5.66 -5.40	105.51 6.82 -14.51	143.77 8.87 -18.20	161.77 9.72 -20.75	136.26 8.03 -29.09	102.57 6.66 -17.54	92.41 5.13 -14.06	83.90 4.97 -11.76	78.88 5.15 -9.42	75.98 4.72 -8.27	76.17 5.00 -7.92	82.97 5.18 -9.64	103.76 5.98 -16.98	140.32 10.19 -25.04	158.51 11.26 -28.70	139.03 10.68 -29.47	133.39 9.76 -31.58	123.87 8.02 -34.03	100.13 7.20 -16.32	104.49 6.79 -26.95
MOONROAD_115KV_HARTFLD_TB1-2 355988	77.21 -3.98 0.00	71.89 -4.26 0.00	68.86 -4.32 0.00	68.62 -3.99 0.00	73.82 -3.72 0.00	80.65 -3.54 0.00	112.74 -3.97 0.00	127.09 -4.20 0.00	96.26 -2.88 0.00	75.00 -3.37 0.00	70.22 -3.00 0.00	64.27 -2.89 0.00	60.78 -3.54 0.00	59.46 -3.53 0.00	59.27 -3.98 0.00	63.73 -4.43 0.00	75.22 -5.58 0.00	100.15 -4.94 0.00	114.28 -4.27 0.00	97.62 -3.26 -2.00	89.51 -3.96 -1.42	77.40 -4.42 0.00	72.78 -3.83 0.00	67.14 -3.61 0.00

MORRIS_RIDGE___SOLAR 323848	77.46 -3.73 0.00	71.96 -4.19 0.00	69.34 -3.95 -0.11	68.69 -3.99 -0.07	74.21 -3.33 0.00	81.41 -2.95 -0.18	114.36 -3.39 -1.05	125.52 -5.77 0.00	93.78 -5.36 0.00	73.35 -5.02 0.00	68.32 -4.91 0.00	62.66 -4.50 0.00	59.63 -4.69 0.00	58.26 -4.72 0.00	58.19 -5.06 0.00	62.77 -5.39 0.00	74.90 -5.89 0.00	99.43 -5.99 -0.32	115.50 -4.63 -1.58	97.61 -3.96 -2.69	89.19 -4.51 -1.64	77.50 -5.07 -0.75	71.96 -4.75 -0.10	66.47 -4.45 -0.18
MORTIMER_115KV_TB3 55949	76.40 -4.79 0.00	71.43 -4.72 0.00	68.28 -4.90 0.00	68.04 -4.57 0.00	73.12 -4.42 0.00	79.89 -4.29 0.00	111.22 -5.49 0.00	124.34 -6.96 0.00	94.28 -4.86 0.00	73.82 -4.55 0.00	68.90 -4.32 0.00	63.13 -4.03 0.00	60.01 -4.31 0.00	58.89 -4.09 0.00	58.82 -4.43 0.00	63.25 -4.91 0.00	74.90 -5.90 0.00	98.36 -6.73 0.00	111.67 -6.88 0.00	93.34 -5.54 0.00	86.35 -5.71 0.00	76.42 -5.40 0.00	71.71 -4.90 0.00	66.29 -4.46 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	94.08 3.17 -9.72	85.36 2.97 -6.24	80.42 2.78 -4.46	78.44 2.61 -3.21	80.87 2.64 -0.69	92.82 3.11 -5.52	139.28 4.55 -18.02	156.91 5.12 -20.49	132.33 4.46 -28.73	100.08 4.39 -17.32	90.62 3.51 -13.89	82.47 3.69 -11.62	76.97 3.34 -9.30	74.24 3.09 -8.16	74.30 3.23 -7.82	81.08 3.41 -9.52	101.37 3.80 -16.77	134.77 4.94 -24.74	152.77 5.81 -28.42	133.25 5.14 -29.23	121.54 4.51 -24.97	102.59 3.76 -17.00	89.68 3.45 -9.62	82.34 2.90 -8.70
MUNSVILLE_WIND_PWR 323609	88.50 7.31 0.00	82.77 6.62 0.00	79.84 6.36 -0.30	79.41 6.61 -0.19	85.06 7.52 0.00	93.40 8.75 -0.46	133.58 14.12 -2.76	146.26 14.96 0.00	109.26 10.12 0.00	84.80 6.43 0.00	78.05 4.83 0.00	71.06 3.89 0.00	67.53 3.21 0.00	66.01 3.02 0.00	66.23 2.97 0.00	71.63 3.47 0.00	86.45 5.65 0.00	115.53 9.66 -0.78	135.52 13.16 -3.82	116.04 10.68 -6.48	105.21 9.20 -3.95	90.59 6.95 -1.81	82.66 5.82 -0.23	75.77 4.60 -0.43
N SALMON___HYD 24042	83.55 2.36 0.00	78.66 2.51 0.00	75.89 2.71 0.00	76.17 3.56 0.00	80.18 2.64 0.00	86.29 2.11 0.00	119.62 2.92 0.00	135.23 3.94 0.00	100.82 1.68 0.00	79.70 1.33 0.00	74.97 1.75 0.00	70.72 3.56 0.00	67.79 3.47 0.00	66.57 3.59 0.00	66.60 3.35 0.00	71.43 3.27 0.00	81.93 1.13 0.00	105.62 0.53 0.00	118.54 0.00 0.00	98.58 -0.30 0.00	92.15 0.09 0.00	82.81 0.99 0.00	78.37 1.76 0.00	72.51 1.77 0.00
N.AKRON__115KV_KNAPP 355671	74.70 -6.50 0.00	69.60 -6.55 0.00	66.45 -6.73 0.00	66.44 -6.17 0.00	71.57 -5.97 0.00	78.12 -6.06 0.00	109.35 -7.35 0.00	122.37 -8.93 0.00	92.79 -6.34 0.00	72.18 -6.19 0.00	67.44 -5.78 0.00	61.72 -5.44 0.00	58.21 -6.11 0.00	57.06 -5.92 0.00	56.93 -6.33 0.00	61.14 -7.02 0.00	72.15 -8.65 0.00	95.11 -9.98 0.00	108.23 -10.31 0.00	90.77 -8.11 0.00	83.77 -8.29 0.00	74.29 -7.53 0.00	69.95 -6.67 0.00	64.80 -5.94 0.00
N.BELMOR_69_KV_BK1 55787	95.17 4.14 -9.84	86.66 4.19 -6.32	83.84 3.95 -6.71	87.17 3.85 -10.71	86.90 3.95 -5.40	103.24 4.55 -14.51	140.15 5.25 -18.20	157.56 5.51 -20.75	133.28 5.06 -29.09	100.85 4.94 -17.54	91.02 3.73 -14.06	82.82 3.90 -11.76	77.60 3.86 -9.42	74.84 3.59 -8.27	74.97 3.80 -7.92	81.75 3.95 -9.64	102.39 4.61 -16.98	136.33 6.20 -25.04	154.24 6.99 -28.70	134.87 6.53 -29.47	129.62 5.98 -31.58	120.84 4.99 -34.03	97.68 4.75 -16.32	101.73 4.03 -26.95
N.E_GEN_SANDY PD 24062	87.16 3.01 -2.96	81.10 3.05 -1.90	78.40 2.78 -2.44	76.81 2.54 -1.66	80.54 2.79 -0.21	92.30 2.94 -5.17	133.93 3.50 -13.73	141.20 3.67 -6.24	111.15 3.27 -8.74	87.09 3.44 -5.27	80.38 2.93 -4.23	73.59 2.89 -3.55	69.85 2.70 -2.83	67.99 2.52 -2.48	68.35 2.72 -2.38	73.92 2.86 -2.90	89.22 3.31 -5.11	119.60 4.21 -10.30	145.20 4.50 -22.15	134.95 4.25 -31.82	117.50 3.87 -21.58	96.77 3.36 -11.59	83.57 3.22 -3.74	81.81 3.19 -7.88
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	67.39 1.95 15.75	67.87 1.83 10.10	68.81 1.68 6.05	69.68 1.52 4.46	77.98 1.55 1.11	78.93 1.85 7.11	101.11 2.68 18.28	101.08 3.02 33.23	55.44 2.88 46.58	53.35 3.06 28.08	52.97 2.27 22.52	50.81 2.49 18.84	51.49 2.25 15.08	51.70 1.95 13.24	52.72 2.15 12.68	54.97 2.25 15.43	56.21 2.59 27.17	71.49 3.47 37.07	91.26 4.03 31.32	80.19 3.66 22.35	69.97 3.13 25.21	63.81 2.54 20.55	64.20 2.30 14.70	60.14 1.84 12.44
N.QUEENS_27_KV_LOAD 356247	94.99 4.06 -9.74	86.28 3.88 -6.25	81.23 3.59 -4.47	79.24 3.41 -3.22	81.80 3.57 -0.69	93.84 4.13 -5.53	140.01 5.25 -18.06	157.22 5.38 -20.54	132.68 4.76 -28.78	100.19 4.47 -17.36	90.73 3.59 -13.92	82.63 3.83 -11.64	77.12 3.47 -9.33	74.38 3.21 -8.19	74.45 3.35 -7.84	81.31 3.61 -9.54	101.80 4.20 -16.80	135.13 5.25 -24.78	153.52 6.52 -28.46	133.67 5.54 -29.26	121.94 4.88 -25.00	103.03 4.17 -17.03	90.55 4.29 -9.65	83.07 3.61 -8.72
N.TROY___115KV_TB1 355778	84.84 3.65 0.00	79.65 3.50 0.00	80.45 3.44 -3.84	78.36 3.34 -2.41	81.11 3.57 0.00	93.95 3.79 -5.98	157.30 5.02 -35.58	136.68 5.38 0.00	103.30 4.16 0.00	82.21 3.84 0.00	76.30 3.08 0.00	70.19 3.02 0.00	67.02 2.70 0.00	65.57 2.58 0.00	65.97 2.72 0.00	71.29 3.14 0.00	84.60 3.80 0.00	119.83 4.94 -9.80	171.81 5.45 -47.81	184.81 4.75 -81.18	145.97 4.42 -49.49	108.47 3.93 -22.72	83.32 3.83 -2.88	79.57 3.47 -5.36
NARROWS_GT1_1 24228	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT1_2 24229	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT1_3 24230	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT1_4 24231	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82

NARROWS_GT1_5 24232	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT1_6 24233	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT1_7 24234	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT1_8 24235	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT2_1 24236	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT2_2 24237	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT2_3 24238	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT2_4 24239	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT2_5 24240	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT2_6 24241	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT2_7 24242	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NARROWS_GT2_8 24243	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	86.55 5.36 0.00	81.25 5.10 0.00	78.59 3.66 -1.75	77.34 3.63 -1.10	82.82 5.27 0.00	91.46 4.55 -2.73	139.10 6.19 -16.21	139.44 8.14 0.00	104.29 5.16 0.00	82.29 3.92 0.00	76.15 2.93 0.00	69.85 2.69 0.00	66.70 2.38 0.00	65.19 2.20 0.00	65.72 2.47 0.00	71.16 3.00 0.00	84.76 3.96 0.00	114.08 4.52 -4.47	145.91 5.57 -21.80	140.65 4.75 -37.03	119.05 4.42 -22.57	95.94 3.76 -10.36	81.52 3.60 -1.31	76.58 3.40 -2.44
NCHELSEA_115KV_TR2 355582	84.60 3.41 0.00	79.43 3.27 0.00	76.65 3.00 -0.47	75.81 2.90 -0.29	80.57 3.02 0.00	88.45 3.54 -0.73	125.93 4.90 -4.32	136.94 5.65 0.00	103.70 4.56 0.00	82.52 4.15 0.00	76.37 3.15 0.00	70.39 3.22 0.00	67.28 2.96 0.00	65.69 2.71 0.00	66.16 2.91 0.00	71.36 3.20 0.00	84.60 3.80 0.00	111.54 5.25 -1.19	130.53 6.16 -5.82	114.16 5.34 -9.94	102.81 4.69 -6.06	88.52 3.93 -2.77	80.64 3.68 -0.35	74.44 3.04 -0.65
NEG CAPITAL___MECHNVIL 23645	86.63 5.44 0.00	81.33 5.18 0.00	82.49 4.98 -4.33	80.12 4.79 -2.72	82.82 5.28 0.00	96.74 5.80 -6.75	165.03 8.17 -40.16	140.35 9.05 0.00	105.78 6.64 0.00	83.77 5.40 0.00	77.84 4.62 0.00	71.40 4.23 0.00	68.05 3.73 0.00	66.57 3.59 0.00	67.05 3.79 0.00	72.52 4.37 0.00	86.37 5.57 0.00	123.82 7.67 -11.07	181.43 8.90 -53.99	197.97 7.42 -91.67	154.66 6.72 -55.89	113.28 5.81 -25.65	85.22 5.36 -3.25	81.74 4.95 -6.05

NEG CENTRAL_HIGH_ACRES 23767	76.08 -5.11 0.00	70.97 -5.18 0.00	68.13 -5.05 0.00	67.53 -5.08 0.00	72.74 -4.81 0.00	79.72 -4.46 0.00	111.22 -5.48 0.00	124.20 -7.09 0.00	94.09 -5.05 0.00	73.82 -4.55 0.00	68.83 -4.39 0.00	63.06 -4.10 0.00	59.88 -4.44 0.00	58.70 -4.29 0.00	58.70 -4.55 0.00	63.38 -4.77 0.00	75.06 -5.73 0.00	98.68 -6.41 0.00	112.37 -6.17 0.00	93.54 -5.34 0.00	86.35 -5.71 0.00	76.09 -5.73 0.00	71.25 -5.36 0.00	65.79 -4.95 0.00
NEG CENTRAL___DRP 24199	79.49 -1.71 0.00	74.48 -1.68 0.00	71.50 -1.68 0.00	71.09 -1.52 0.00	76.07 -1.47 0.00	83.01 -1.18 0.00	115.89 -0.82 0.00	129.19 -2.10 0.00	97.16 -1.98 0.00	76.65 -1.72 0.00	71.32 -1.90 0.00	65.28 -1.88 0.00	62.20 -2.12 0.00	60.84 -2.14 0.00	60.91 -2.34 0.00	65.70 -2.45 0.00	78.13 -2.67 0.00	102.15 -2.94 0.00	116.29 -2.25 0.00	97.39 -1.48 0.00	90.21 -1.84 0.00	79.78 -2.05 0.00	74.62 -1.99 0.00	68.76 -1.98 0.00
NEG CENTRAL___INDECK 23768	79.81 -1.38 0.00	74.32 -1.83 0.00	71.28 -1.90 0.00	70.72 -1.89 0.00	76.38 -1.16 0.00	84.02 -0.17 0.00	117.63 0.93 0.00	130.77 -0.52 0.00	97.45 -1.69 0.00	75.47 -2.90 0.00	70.00 -3.22 0.00	64.07 -3.09 0.00	60.78 -3.54 0.00	59.46 -3.53 0.00	59.46 -3.79 0.00	64.20 -3.95 0.00	76.59 -4.20 0.00	101.91 -3.47 0.00	119.09 -0.82 0.00	101.01 -0.20 0.00	92.47 -1.01 0.00	80.35 -2.13 0.00	74.55 -2.14 0.00	68.71 -2.19 0.00
NEG CENTRAL___SENECA 23627	79.32 -1.87 0.00	74.40 -1.75 0.00	71.35 -1.83 0.00	71.02 -1.60 0.00	76.15 -1.40 0.00	83.09 -1.09 0.00	116.12 -0.58 0.00	129.06 -2.23 0.00	96.96 -2.18 0.00	76.65 -1.72 0.00	71.24 -1.98 0.00	65.15 -2.01 0.00	62.00 -2.32 0.00	60.65 -2.33 0.00	60.72 -2.53 0.00	65.43 -2.73 0.00	77.73 -3.07 0.00	101.73 -3.36 0.00	116.05 -2.49 0.00	97.39 -1.48 0.00	90.12 -1.93 0.00	79.61 -2.21 0.00	74.54 -2.07 0.00	68.69 -2.05 0.00
NEG CENTRAL___STATE_STREET 24147	79.97 -1.22 0.00	74.93 -1.22 0.00	71.86 -1.32 0.00	71.45 -1.16 0.00	76.38 -1.16 0.00	83.34 -0.84 0.00	116.24 -0.47 0.00	130.11 -1.18 0.00	97.85 -1.29 0.00	77.19 -1.18 0.00	71.83 -1.39 0.00	65.75 -1.41 0.00	62.71 -1.61 0.00	61.41 -1.57 0.00	61.54 -1.71 0.00	66.32 -1.84 0.00	79.02 -1.78 0.00	103.41 -1.68 0.00	117.36 -1.19 0.00	98.09 -0.79 0.00	91.04 -1.01 0.00	80.43 -1.39 0.00	75.08 -1.53 0.00	69.19 -1.56 0.00
NEG MILLWOOD___DRP 24198	88.31 3.82 -3.31	81.85 3.58 -2.12	78.37 3.37 -1.83	77.24 3.34 -1.29	81.27 3.49 -0.23	90.59 4.04 -2.36	131.43 5.72 -9.00	144.82 6.56 -6.96	114.35 5.45 -9.76	88.96 4.70 -5.88	81.75 3.81 -4.72	75.01 3.76 -4.09	70.95 3.47 -3.16	68.84 3.09 -2.77	69.20 3.29 -2.66	74.87 3.48 -3.23	90.95 4.44 -5.70	120.08 5.78 -9.21	138.96 6.88 -13.54	121.35 5.93 -16.54	109.91 5.34 -12.52	93.78 4.34 -7.62	84.18 4.06 -3.51	77.46 3.33 -3.39
NEG NORTH_FLCN_SEA 23793	83.87 2.68 0.00	78.97 2.82 0.00	76.11 2.93 0.00	75.73 3.12 0.00	80.72 3.18 0.00	84.77 0.59 0.00	114.25 -2.45 0.00	129.19 -2.10 0.00	96.96 -2.18 0.00	78.76 0.39 0.00	76.66 3.44 0.00	70.12 2.96 0.00	67.53 3.22 0.00	66.32 3.34 0.00	66.35 3.10 0.00	71.29 3.14 0.00	83.95 3.15 0.00	109.19 4.10 0.00	122.46 3.91 0.00	101.45 2.57 0.00	94.17 2.12 0.00	83.62 1.80 0.00	78.14 1.53 0.00	72.73 1.98 0.00
NEG NORTH_KES_CHATEGAY 23792	82.65 1.46 0.00	77.75 1.60 0.00	74.94 1.76 0.00	74.36 1.74 0.00	79.33 1.78 0.00	85.19 1.01 0.00	117.40 0.70 0.00	132.48 1.18 0.00	99.44 0.30 0.00	78.84 0.47 0.00	75.27 2.05 0.00	68.57 1.41 0.00	66.31 1.99 0.00	65.13 2.14 0.00	65.15 1.90 0.00	70.00 1.84 0.00	82.33 1.54 0.00	106.98 1.89 0.00	119.97 1.42 0.00	99.57 0.69 0.00	92.70 0.64 0.00	82.56 0.74 0.00	77.30 0.69 0.00	72.16 1.41 0.00
NEG NORTH___ALICE_FALLS 23915	84.11 2.92 0.00	79.20 3.05 0.00	76.25 3.07 0.00	75.88 3.27 0.00	80.88 3.33 0.00	85.62 1.43 0.00	116.59 -0.12 0.00	131.82 0.53 0.00	98.74 -0.40 0.00	79.55 1.18 0.00	76.81 3.59 0.00	70.25 3.09 0.00	67.73 3.41 0.00	66.51 3.53 0.00	66.48 3.23 0.00	71.50 3.34 0.00	84.11 3.31 0.00	109.50 4.41 0.00	122.93 4.39 0.00	101.84 2.97 0.00	94.63 2.58 0.00	83.95 2.13 0.00	78.45 1.84 0.00	73.08 2.33 0.00
NEG NORTH___LWR_SARANAC 23913	84.11 2.92 0.00	79.20 3.05 0.00	76.25 3.07 0.00	75.88 3.27 0.00	80.88 3.33 0.00	85.62 1.43 0.00	116.59 -0.12 0.00	131.82 0.53 0.00	98.74 -0.40 0.00	79.55 1.18 0.00	76.81 3.59 0.00	70.25 3.09 0.00	67.73 3.41 0.00	66.51 3.53 0.00	66.48 3.23 0.00	71.50 3.34 0.00	84.11 3.31 0.00	109.50 4.41 0.00	122.93 4.39 0.00	101.84 2.97 0.00	94.63 2.58 0.00	83.95 2.13 0.00	78.45 1.84 0.00	73.08 2.33 0.00
NEG NORTH___PLATTSBURG 23628	84.11 2.92 0.00	79.20 3.05 0.00	76.32 3.14 0.00	76.68 4.06 0.00	80.88 3.33 0.00	85.61 1.43 0.00	116.59 -0.12 0.00	131.96 0.66 0.00	98.74 -0.39 0.00	79.55 1.18 0.00	74.76 1.54 0.00	68.77 1.61 0.00	65.99 1.67 0.00	64.81 1.83 0.00	64.89 1.64 0.00	69.86 1.70 0.00	82.01 1.21 0.00	103.94 -1.15 0.00	116.41 -2.13 0.00	96.50 -2.37 0.00	90.68 -1.38 0.00	82.81 0.99 0.00	78.45 1.84 0.00	72.58 1.84 0.00
NEG WEST_LEA_LOCKPORT 23791	72.99 -8.20 0.00	67.93 -8.22 0.00	64.91 -8.27 0.00	64.84 -7.77 0.00	69.94 -7.60 0.00	76.02 -8.17 0.00	105.38 -11.32 0.00	117.77 -13.52 0.00	89.42 -9.72 0.00	69.83 -8.54 0.00	65.46 -7.76 0.00	59.91 -7.25 0.00	56.86 -7.46 0.00	55.74 -7.24 0.00	55.66 -7.59 0.00	59.71 -8.45 0.00	70.37 -10.42 0.00	92.37 -12.72 0.00	105.03 -13.51 0.00	88.00 -10.88 0.00	81.38 -10.68 0.00	72.49 -9.33 0.00	68.34 -8.27 0.00	63.46 -7.29 0.00
NEG WEST___LANCASTR 23811	77.05 -4.14 0.00	71.66 -4.49 0.00	68.64 -4.54 0.00	68.47 -4.14 0.00	73.74 -3.80 0.00	80.48 -3.70 0.00	112.15 -4.55 0.00	125.65 -5.65 0.00	95.27 -3.87 0.00	74.53 -3.84 0.00	69.71 -3.51 0.00	63.80 -3.36 0.00	60.52 -3.79 0.00	59.27 -3.72 0.00	59.20 -4.05 0.00	63.52 -4.63 0.00	75.06 -5.74 0.00	98.78 -6.31 0.00	112.74 -5.81 0.00	96.33 -4.55 0.00	88.60 -4.88 0.00	76.83 -4.99 0.00	72.24 -4.37 0.00	66.85 -3.89 0.00
NEG_PENN_ALLEGHNY 23528	80.79 -0.40 0.00	75.46 -0.69 0.00	72.72 -0.66 0.00	72.01 -0.73 0.00	77.16 -0.39 0.00	84.41 -0.08 0.00	118.90 0.35 0.00	131.16 -0.13 0.00	98.94 -0.20 0.00	77.98 -0.39 0.00	72.63 -0.59 0.00	66.56 -0.61 0.00	63.55 -0.77 0.00	62.10 -0.88 0.00	62.31 -0.95 0.00	67.14 -1.02 0.00	79.83 -0.97 0.00	104.99 -0.63 0.00	121.49 0.36 0.00	103.58 0.30 0.00	94.55 -0.18 0.00	82.32 -0.74 0.00	76.00 -0.77 0.00	70.26 -0.78 0.00
NEG___GEN_MONROE 24207	76.32 -4.87 0.00	71.28 -4.87 0.00	68.20 -4.98 0.00	68.11 -4.50 0.00	73.20 -4.34 0.00	80.14 -4.04 0.00	111.80 -4.90 0.00	124.86 -6.43 0.00	94.48 -4.66 0.00	73.59 -4.78 0.00	68.61 -4.61 0.00	62.73 -4.43 0.00	59.56 -4.76 0.00	58.45 -4.53 0.00	58.38 -4.87 0.00	62.84 -5.32 0.00	74.41 -6.38 0.00	97.73 -7.36 0.00	111.19 -7.35 0.00	93.24 -5.64 0.00	86.26 -5.80 0.00	76.42 -5.40 0.00	71.63 -4.98 0.00	66.36 -4.39 0.00

NEPA__ENERGY 23901	76.48 -4.71 0.00	71.13 -5.03 0.00	68.13 -5.05 0.00	67.97 -4.65 0.00	73.20 -4.34 0.00	79.89 -4.29 0.00	111.22 -5.49 0.00	124.99 -6.30 0.00	94.68 -4.46 0.00	74.06 -4.31 0.00	69.27 -3.95 0.00	63.40 -3.76 0.00	60.20 -4.12 0.00	58.89 -4.09 0.00	58.82 -4.43 0.00	63.11 -5.04 0.00	74.58 -6.22 0.00	98.54 -6.83 -0.28	113.52 -6.40 -1.37	96.17 -5.04 -2.34	88.14 -5.34 -1.43	77.07 -5.40 -0.65	71.87 -4.83 -0.08	66.58 -4.32 -0.15
NEVERSINK__HYD 23608	80.18 2.27 3.28	76.17 2.13 2.11	74.21 1.90 0.87	73.60 1.67 0.69	79.25 1.94 0.23	85.66 2.35 0.87	119.89 3.39 0.20	128.43 4.07 6.94	92.88 3.47 9.73	75.56 3.05 5.87	70.93 2.41 4.70	65.67 2.21 3.70	63.23 2.06 3.15	62.05 1.83 2.77	62.57 1.96 2.65	67.11 2.18 3.22	78.03 2.90 5.67	102.77 4.41 6.73	122.34 5.46 1.66	107.37 4.84 -3.65	96.10 4.24 0.19	83.20 3.36 1.97	76.75 2.91 2.77	71.17 2.47 2.05
NEWKRMKL_115KV_TB1 55635	84.44 3.25 0.00	79.27 3.12 0.00	78.97 2.93 -2.87	77.32 2.90 -1.80	80.65 3.10 0.00	92.02 3.37 -4.47	147.73 4.43 -26.59	136.02 4.73 0.00	102.71 3.57 0.00	81.74 3.37 0.00	76.00 2.78 0.00	69.92 2.75 0.00	66.76 2.44 0.00	65.31 2.33 0.00	65.72 2.47 0.00	70.88 2.73 0.00	84.03 3.23 0.00	116.51 4.10 -7.33	158.91 4.62 -35.74	163.53 3.96 -60.70	132.74 3.68 -37.00	102.00 3.19 -16.98	81.98 3.22 -2.15	77.72 2.97 -4.00
NEWTON__FALLS_HYD 23847	83.30 2.11 0.00	78.21 2.06 0.00	75.30 2.12 0.00	74.72 2.11 0.00	79.56 2.02 0.00	86.29 2.10 0.00	120.32 3.62 0.00	135.50 4.20 0.00	100.53 1.39 0.00	78.84 0.47 0.00	78.42 5.20 0.00	68.24 1.07 0.00	69.08 4.76 0.00	67.65 4.66 0.00	67.30 4.05 0.00	70.27 2.11 0.00	80.31 -0.48 0.00	105.09 0.00 0.00	119.37 0.83 0.00	99.77 0.89 0.00	92.52 0.46 0.00	82.15 0.33 0.00	77.91 1.30 0.00	76.26 5.52 0.00
NGRID_A1_DSASP 323792	72.50 -8.69 0.00	67.09 -9.06 0.00	64.47 -8.71 0.00	63.97 -8.64 0.00	69.40 -8.14 0.00	76.10 -8.08 0.00	105.73 -10.97 0.00	117.64 -13.66 0.00	89.52 -9.61 0.00	70.14 -8.23 0.00	65.60 -7.62 0.00	60.25 -6.92 0.00	57.12 -7.20 0.00	55.87 -7.12 0.00	55.79 -7.46 0.00	60.18 -7.97 0.00	70.53 -10.26 0.00	92.79 -12.30 0.00	106.34 -12.21 0.00	88.20 -10.68 0.00	81.38 -10.68 0.00	71.67 -10.15 0.00	67.72 -8.89 0.00	62.89 -7.85 0.00
NGRID_A2_DSASP 323793	72.50 -8.69 0.00	67.09 -9.06 0.00	64.47 -8.71 0.00	63.97 -8.64 0.00	69.40 -8.14 0.00	76.10 -8.08 0.00	105.73 -10.97 0.00	117.64 -13.66 0.00	89.52 -9.61 0.00	70.14 -8.23 0.00	65.60 -7.62 0.00	60.25 -6.92 0.00	57.12 -7.20 0.00	55.87 -7.12 0.00	55.79 -7.46 0.00	60.18 -7.97 0.00	70.53 -10.26 0.00	92.79 -12.30 0.00	106.34 -12.21 0.00	88.20 -10.68 0.00	81.38 -10.68 0.00	71.67 -10.15 0.00	67.72 -8.89 0.00	62.89 -7.85 0.00
NGRID_A4_DSASP 323807	72.50 -8.69 0.00	67.09 -9.06 0.00	64.47 -8.71 0.00	63.97 -8.64 0.00	69.40 -8.14 0.00	76.10 -8.08 0.00	105.73 -10.97 0.00	117.64 -13.66 0.00	89.52 -9.61 0.00	70.14 -8.23 0.00	65.60 -7.62 0.00	60.25 -6.92 0.00	57.12 -7.20 0.00	55.87 -7.12 0.00	55.79 -7.46 0.00	60.18 -7.97 0.00	70.53 -10.26 0.00	92.79 -12.30 0.00	106.34 -12.21 0.00	88.20 -10.68 0.00	81.38 -10.68 0.00	71.67 -10.15 0.00	67.72 -8.89 0.00	62.89 -7.85 0.00
NIAGARA_115E_LBMP 323715	72.34 -8.85 0.00	66.93 -9.22 0.00	64.32 -8.86 0.00	63.75 -8.86 0.00	69.25 -8.30 0.00	75.94 -8.25 0.00	105.50 -11.20 0.00	117.51 -13.78 0.00	89.32 -9.82 0.00	69.99 -8.38 0.00	65.39 -7.83 0.00	60.04 -7.12 0.00	56.86 -7.46 0.00	55.68 -7.31 0.00	55.53 -7.72 0.00	59.91 -8.25 0.00	70.30 -10.50 0.00	92.58 -12.51 0.00	106.21 -12.33 0.00	88.10 -10.78 0.00	81.29 -10.77 0.00	71.51 -10.31 0.00	67.57 -9.04 0.00	62.75 -7.99 0.00
NIAGARA_115W_LBMP 323714	72.42 -8.77 0.00	66.93 -9.22 0.00	64.40 -8.78 0.00	63.82 -8.79 0.00	69.25 -8.30 0.00	75.94 -8.25 0.00	105.50 -11.20 0.00	117.38 -13.92 0.00	89.32 -9.82 0.00	69.99 -8.38 0.00	65.46 -7.76 0.00	60.11 -7.05 0.00	56.98 -7.33 0.00	55.74 -7.24 0.00	55.66 -7.59 0.00	60.04 -8.11 0.00	70.38 -10.42 0.00	92.58 -12.51 0.00	106.10 -12.45 0.00	88.00 -10.88 0.00	81.19 -10.86 0.00	71.51 -10.31 0.00	67.57 -9.04 0.00	62.82 -7.92 0.00
NIAGARA_230_LBMP 323716	73.15 -8.04 0.00	67.70 -8.46 0.00	65.05 -8.13 0.00	64.48 -8.13 0.00	70.02 -7.52 0.00	76.78 -7.41 0.00	106.67 -10.04 0.00	118.69 -12.60 0.00	90.22 -8.92 0.00	70.77 -7.60 0.00	66.12 -7.10 0.00	60.71 -6.45 0.00	57.57 -6.75 0.00	56.31 -6.68 0.00	56.23 -7.02 0.00	60.66 -7.50 0.00	71.18 -9.62 0.00	93.64 -11.45 0.00	107.28 -11.26 0.00	89.09 -9.79 0.00	82.21 -9.85 0.00	72.33 -9.49 0.00	68.33 -8.28 0.00	63.46 -7.29 0.00
NIAGARA__115KV_198_GIBSON 55903	72.18 -9.01 0.00	67.09 -9.06 0.00	64.18 -9.00 0.00	64.12 -8.50 0.00	69.17 -8.37 0.00	75.35 -8.84 0.00	104.57 -12.14 0.00	116.72 -14.57 0.00	88.83 -10.31 0.00	69.36 -9.01 0.00	65.09 -8.13 0.00	59.57 -7.59 0.00	56.60 -7.72 0.00	55.43 -7.56 0.00	55.35 -7.91 0.00	59.36 -8.79 0.00	69.81 -10.99 0.00	91.53 -13.56 0.00	104.08 -14.46 0.00	87.11 -11.77 0.00	80.55 -11.51 0.00	71.51 -10.31 0.00	67.57 -9.04 0.00	62.82 -7.92 0.00
NIAGARA____ 23760	73.15 -8.04 0.00	67.70 -8.46 0.00	65.05 -8.13 0.00	64.48 -8.13 0.00	70.02 -7.52 0.00	76.78 -7.41 0.00	106.67 -10.04 0.00	118.69 -12.60 0.00	90.22 -8.92 0.00	70.77 -7.60 0.00	66.12 -7.10 0.00	60.71 -6.45 0.00	57.57 -6.75 0.00	56.31 -6.68 0.00	56.23 -7.02 0.00	60.66 -7.50 0.00	71.18 -9.62 0.00	93.64 -11.45 0.00	107.28 -11.26 0.00	89.09 -9.79 0.00	82.21 -9.85 0.00	72.33 -9.49 0.00	68.33 -8.28 0.00	63.46 -7.29 0.00
NINE_MILE_1 23575	77.86 -3.33 0.00	72.88 -3.27 0.00	70.03 -3.14 0.00	69.42 -3.19 0.00	74.29 -3.25 0.00	80.90 -3.28 0.00	112.39 -4.32 0.00	125.79 -5.51 0.00	94.98 -4.16 0.00	74.92 -3.45 0.00	69.93 -3.29 0.00	64.07 -3.09 0.00	61.23 -3.09 0.00	59.96 -3.02 0.00	60.15 -3.10 0.00	64.82 -3.34 0.00	76.92 -3.88 0.00	100.47 -4.62 0.00	113.68 -4.87 0.00	94.82 -4.06 0.00	88.10 -3.96 0.00	77.98 -3.84 0.00	73.01 -3.60 0.00	67.35 -3.39 0.00
NINE_MILE_2 23744	77.86 -3.33 0.00	72.88 -3.27 0.00	70.03 -3.14 0.00	69.42 -3.19 0.00	74.29 -3.25 0.00	80.90 -3.28 0.00	112.39 -4.32 0.00	125.79 -5.51 0.00	94.98 -4.16 0.00	74.92 -3.45 0.00	69.93 -3.29 0.00	64.07 -3.09 0.00	61.23 -3.09 0.00	59.96 -3.02 0.00	60.15 -3.10 0.00	64.89 -3.27 0.00	77.00 -3.80 0.00	100.47 -4.62 0.00	113.68 -4.87 0.00	94.82 -4.06 0.00	88.10 -3.96 0.00	77.98 -3.84 0.00	73.01 -3.60 0.00	67.42 -3.32 0.00
NM_CAPITAL__DRP 24208	84.36 3.17 0.00	79.12 2.97 0.00	78.84 2.85 -2.80	77.13 2.76 -1.76	80.49 2.95 0.00	91.76 3.20 -4.37	146.81 4.08 -26.02	135.63 4.33 0.00	102.51 3.37 0.00	81.66 3.29 0.00	75.86 2.64 0.00	69.85 2.69 0.00	66.70 2.38 0.00	65.25 2.27 0.00	65.66 2.40 0.00	70.81 2.66 0.00	83.87 3.07 0.00	116.25 3.99 -7.17	157.90 4.39 -34.97	162.02 3.76 -59.38	131.76 3.50 -36.20	101.55 3.11 -16.62	81.85 3.14 -2.10	77.56 2.90 -3.92

NM_CENTRAL___DRP 24181	79.32 -1.87 0.00	74.25 -1.90 0.00	71.28 -1.90 0.00	70.80 -1.82 0.00	75.68 -1.86 0.00	82.50 -1.68 0.00	114.84 -1.87 0.00	128.41 -2.89 0.00	96.86 -2.28 0.00	76.33 -2.04 0.00	71.10 -2.12 0.00	65.08 -2.08 0.00	62.20 -2.12 0.00	60.84 -2.14 0.00	61.04 -2.21 0.00	65.77 -2.39 0.00	78.21 -2.59 0.00	102.15 -2.94 0.00	115.82 -2.73 0.00	96.60 -2.27 0.00	89.75 -2.30 0.00	79.45 -2.37 0.00	74.24 -2.37 0.00	68.48 -2.26 0.00
NM_FRONTIER___DRP 24179	72.18 -9.01 0.00	67.09 -9.06 0.00	64.18 -9.00 0.00	64.12 -8.50 0.00	69.17 -8.37 0.00	75.35 -8.84 0.00	104.57 -12.14 0.00	116.72 -14.57 0.00	88.83 -10.31 0.00	69.36 -9.01 0.00	65.09 -8.13 0.00	59.57 -7.59 0.00	56.60 -7.72 0.00	55.43 -7.56 0.00	55.35 -7.91 0.00	59.36 -8.79 0.00	69.81 -10.99 0.00	91.53 -13.56 0.00	104.08 -14.46 0.00	87.11 -11.77 0.00	80.55 -11.51 0.00	71.51 -10.31 0.00	67.57 -9.04 0.00	62.82 -7.92 0.00
NM_ST_REGIS___HYD 24053	83.22 2.03 0.00	78.28 2.13 0.00	75.59 2.41 0.00	74.86 2.25 0.00	79.56 2.02 0.00	85.78 1.60 0.00	119.04 2.33 0.00	134.32 3.02 0.00	99.44 0.30 0.00	78.45 0.08 0.00	80.03 6.81 0.00	68.91 1.75 0.00	70.81 6.50 0.00	69.47 6.49 0.00	69.20 5.95 0.00	71.70 3.54 0.00	80.72 -0.08 0.00	105.09 0.00 0.00	118.43 -0.12 0.00	98.78 -0.10 0.00	91.78 -0.28 0.00	81.82 0.00 0.00	78.22 1.61 0.00	78.03 7.29 0.00
NORTHPORT___1 23551	94.77 3.74 -9.84	86.43 3.96 -6.32	83.55 3.66 -6.72	86.67 3.34 -10.72	86.67 3.72 -5.41	102.99 4.29 -14.52	139.80 4.90 -18.20	156.77 4.72 -20.75	132.89 4.66 -29.09	100.22 4.31 -17.54	90.65 3.37 -14.06	82.28 3.36 -11.76	77.53 3.79 -9.42	74.71 3.46 -8.27	75.09 3.92 -7.92	81.68 3.88 -9.64	102.06 4.28 -16.98	136.96 6.83 -25.04	154.48 7.23 -28.70	135.37 7.02 -29.47	129.81 6.17 -31.58	120.85 4.99 -34.04	97.46 4.52 -16.33	102.09 4.39 -26.96
NORTHPORT___2 23552	94.77 3.74 -9.84	86.43 3.96 -6.32	83.55 3.66 -6.72	86.67 3.34 -10.72	86.67 3.72 -5.41	102.99 4.29 -14.52	139.80 4.90 -18.20	156.77 4.72 -20.75	132.89 4.66 -29.09	100.22 4.31 -17.54	90.65 3.37 -14.06	82.28 3.36 -11.76	77.53 3.79 -9.42	74.71 3.46 -8.27	75.09 3.92 -7.92	81.68 3.88 -9.64	102.06 4.28 -16.98	136.96 6.83 -25.04	154.48 7.23 -28.70	135.37 7.02 -29.47	129.81 6.17 -31.58	120.85 4.99 -34.04	97.46 4.52 -16.33	102.09 4.39 -26.96
NORTHPORT___3 23553	95.25 4.22 -9.84	86.74 4.26 -6.32	83.85 3.95 -6.72	86.96 3.63 -10.72	86.98 4.03 -5.41	103.25 4.54 -14.52	140.62 5.72 -18.20	156.77 4.72 -20.75	133.78 5.55 -29.09	100.93 5.02 -17.54	91.38 4.10 -14.06	82.96 4.03 -11.76	77.98 4.24 -9.42	75.22 3.97 -8.27	75.41 4.24 -7.92	82.09 4.30 -9.64	102.71 4.93 -16.98	136.22 6.09 -25.04	153.88 6.63 -28.70	134.77 6.42 -29.47	129.26 5.62 -31.58	121.10 5.24 -34.04	97.91 4.98 -16.33	102.30 4.60 -26.96
NORTHPORT___4 23650	95.25 4.22 -9.84	86.74 4.26 -6.32	83.85 3.95 -6.72	86.96 3.63 -10.72	86.98 4.03 -5.41	103.25 4.54 -14.52	140.62 5.72 -18.20	156.77 4.72 -20.75	133.78 5.55 -29.09	100.93 5.02 -17.54	91.38 4.10 -14.06	82.96 4.03 -11.76	77.98 4.24 -9.42	75.22 3.97 -8.27	75.41 4.24 -7.92	82.09 4.30 -9.64	102.71 4.93 -16.98	136.22 6.09 -25.04	153.88 6.63 -28.70	134.77 6.42 -29.47	129.26 5.62 -31.58	121.10 5.24 -34.04	97.91 4.98 -16.33	102.30 4.60 -26.96
NORTHPORT___IC 23718	94.77 3.73 -9.84	86.43 3.96 -6.32	83.69 3.81 -6.71	86.95 3.63 -10.71	86.74 3.80 -5.40	103.07 4.38 -14.51	139.80 4.90 -18.20	156.78 4.73 -20.75	132.69 4.46 -29.09	100.38 4.47 -17.54	90.58 3.29 -14.06	82.35 3.43 -11.76	77.15 3.41 -9.42	74.53 3.28 -8.27	74.71 3.54 -7.92	81.47 3.68 -9.64	101.90 4.12 -16.98	136.54 6.41 -25.04	153.89 6.64 -28.70	134.87 6.53 -29.47	129.52 5.89 -31.58	120.68 4.83 -34.03	97.37 4.44 -16.32	101.80 4.10 -26.95
NORTH___COUNTRY_ESR 323785	82.41 1.22 0.00	77.52 1.37 0.00	74.79 1.61 0.00	74.72 2.11 0.00	79.09 1.55 0.00	84.94 0.76 0.00	116.94 0.23 0.00	132.09 0.79 0.00	99.24 0.10 0.00	78.69 0.31 0.00	73.95 0.73 0.00	68.23 1.07 0.00	65.48 1.16 0.00	64.31 1.32 0.00	64.45 1.20 0.00	69.31 1.16 0.00	81.29 0.49 0.00	104.46 -0.63 0.00	116.88 -1.66 0.00	97.00 -1.88 0.00	90.86 -1.20 0.00	81.82 0.00 0.00	77.07 0.46 0.00	71.24 0.50 0.00
NPX_GEN_1385_PROXY 323591	94.69 3.66 -9.84	86.89 4.42 -6.32	84.14 4.24 -6.72	87.10 3.77 -10.72	87.14 4.18 -5.41	105.30 4.80 -16.32	136.13 3.03 -16.40	152.60 1.84 -19.47	131.40 3.17 -29.09	99.83 3.92 -17.54	90.14 2.85 -14.06	81.81 2.89 -11.76	77.47 3.73 -9.42	74.71 3.46 -8.27	75.47 4.30 -7.92	81.95 4.16 -9.64	101.33 3.55 -16.98	136.96 6.83 -25.04	152.34 5.09 -28.70	134.48 6.13 -29.47	128.70 5.06 -31.58	119.71 3.85 -34.04	96.69 3.75 -16.33	101.81 4.10 -26.96
NPX_GEN_CSC 323557	95.01 3.98 -9.84	86.58 4.11 -6.32	83.77 3.88 -6.72	86.96 3.63 -10.72	86.98 4.03 -5.41	105.22 4.71 -16.32	138.82 5.72 -16.40	157.82 5.77 -20.75	133.38 5.15 -29.09	100.22 4.31 -17.54	90.58 3.30 -14.06	82.15 3.22 -11.76	77.53 3.79 -9.42	74.71 3.46 -8.27	75.03 3.86 -7.92	81.75 3.95 -9.64	102.14 4.36 -16.98	137.91 7.78 -25.04	155.66 8.42 -28.70	136.66 8.31 -29.47	130.91 7.27 -31.58	121.75 5.89 -34.04	98.15 5.21 -16.33	103.08 5.37 -26.96
NSINS_S___GLNS_FALLS 23858	88.74 7.55 0.00	83.16 7.01 0.00	84.52 6.88 -4.46	82.24 6.83 -2.80	84.83 7.29 0.00	99.82 8.76 -6.88	170.48 12.37 -41.40	145.34 14.05 0.00	109.15 10.01 0.00	86.05 7.68 0.00	79.52 6.30 0.00	72.94 5.78 0.00	69.21 4.89 0.00	67.65 4.66 0.00	68.19 4.93 0.00	73.95 5.79 0.00	88.47 7.68 0.00	127.16 10.72 -11.35	186.47 12.57 -55.36	203.26 10.38 -94.00	158.84 9.48 -57.31	116.39 8.26 -26.30	87.52 7.58 -3.33	83.81 6.86 -6.20
NUCOR_STEEL___DRP 24197	80.30 -0.89 0.00	75.24 -0.91 0.00	72.23 -0.95 0.00	71.74 -0.87 0.00	76.77 -0.78 0.00	83.76 -0.42 0.00	116.70 0.00 0.00	130.64 -0.66 0.00	98.25 -0.89 0.00	77.35 -1.02 0.00	71.98 -1.24 0.00	65.89 -1.28 0.00	62.84 -1.48 0.00	61.47 -1.51 0.00	61.61 -1.64 0.00	66.45 -1.70 0.00	79.10 -1.70 0.00	103.51 -1.58 0.00	117.48 -1.07 0.00	98.19 -0.69 0.00	91.14 -0.92 0.00	80.51 -1.31 0.00	75.23 -1.38 0.00	69.40 -1.34 0.00
NUMBER_THREE_WT_PWR 323818	84.11 2.92 0.00	78.82 2.66 0.00	75.81 2.63 0.00	75.52 2.91 0.00	80.41 2.87 0.00	87.46 3.28 0.00	122.42 5.72 0.00	137.86 6.56 0.00	102.81 3.67 0.00	80.40 2.03 0.00	74.68 1.46 0.00	70.11 2.95 0.00	66.96 2.64 0.00	65.51 2.52 0.00	65.02 1.77 0.00	69.86 1.70 0.00	81.29 0.49 0.00	106.77 1.68 0.00	121.62 3.08 0.00	101.55 2.67 0.00	94.17 2.12 0.00	83.30 1.47 0.00	77.99 1.38 0.00	71.66 0.92 0.00
NYISO_LBMP_REFERENCE 24008	81.19 0.00 0.00	76.15 0.00 0.00	73.18 0.00 0.00	72.61 0.00 0.00	77.54 0.00 0.00	84.18 0.00 0.00	116.70 0.00 0.00	131.30 0.00 0.00	99.14 0.00 0.00	78.37 0.00 0.00	73.22 0.00 0.00	67.16 0.00 0.00	64.32 0.00 0.00	62.98 0.00 0.00	63.25 0.00 0.00	68.16 0.00 0.00	80.80 0.00 0.00	105.09 0.00 0.00	118.54 0.00 0.00	98.88 0.00 0.00	92.06 0.00 0.00	81.82 0.00 0.00	76.61 0.00 0.00	70.74 0.00 0.00

NYPA_BRENTWD____GT 24164	95.74 4.71 -9.84	87.28 4.80 -6.32	84.36 4.46 -6.72	87.47 4.14 -10.72	87.52 4.57 -5.41	104.01 5.31 -14.52	141.55 6.65 -18.20	158.87 6.82 -20.75	134.28 6.05 -29.09	101.16 5.25 -17.54	91.46 4.17 -14.06	82.96 4.03 -11.76	78.17 4.43 -9.42	75.34 4.09 -8.27	75.66 4.49 -7.92	82.36 4.57 -9.64	103.03 5.25 -16.98	138.43 8.30 -25.04	156.38 9.13 -28.70	137.05 8.70 -29.47	131.28 7.64 -31.58	122.16 6.30 -34.04	98.53 5.59 -16.33	103.01 5.31 -26.96
NYPA_GOWANUS____GT5 24156	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NYPA_GOWANUS____GT6 24157	94.83 3.90 -9.74	85.90 3.50 -6.25	80.79 3.14 -4.47	78.59 2.76 -3.22	81.34 3.10 -0.69	93.25 3.54 -5.53	140.25 5.49 -18.06	158.39 6.56 -20.54	133.17 5.25 -28.78	100.98 5.25 -17.36	208.50 4.47 -130.82	129.43 4.50 -57.77	194.85 4.31 -126.22	192.10 4.03 -125.08	75.37 4.17 -7.94	129.76 4.30 -57.31	102.50 4.85 -16.86	136.66 6.73 -24.84	154.65 7.59 -28.51	134.82 6.63 -29.31	124.27 5.71 -26.50	124.07 5.07 -37.17	90.88 4.52 -9.75	83.67 4.10 -8.82
NYPA_HARLEM__RVR__GT1 24160	94.75 3.82 -9.74	85.91 3.50 -6.26	80.80 3.14 -4.48	78.67 2.83 -3.22	81.42 3.18 -0.70	93.34 3.62 -5.54	140.25 5.49 -18.06	157.47 5.64 -20.54	132.28 4.36 -28.78	99.88 4.15 -17.36	90.95 3.81 -13.92	82.36 3.56 -11.64	77.18 3.54 -9.33	74.44 3.27 -8.19	74.44 3.35 -7.84	81.31 3.61 -9.54	101.72 4.12 -16.80	135.54 5.67 -24.78	153.51 6.52 -28.46	133.97 5.83 -29.26	122.21 5.15 -25.00	102.78 3.93 -17.03	89.93 3.68 -9.65	83.00 3.54 -8.72
NYPA_HARLEM__RVR__GT2 24161	94.75 3.82 -9.74	85.91 3.50 -6.26	80.80 3.14 -4.48	78.67 2.83 -3.22	81.42 3.18 -0.70	93.34 3.62 -5.54	140.25 5.49 -18.06	157.47 5.64 -20.54	132.28 4.36 -28.78	99.88 4.15 -17.36	90.95 3.81 -13.92	82.36 3.56 -11.64	77.18 3.54 -9.33	74.44 3.27 -8.19	74.44 3.35 -7.84	81.31 3.61 -9.54	101.72 4.12 -16.80	135.54 5.67 -24.78	153.51 6.52 -28.46	133.97 5.83 -29.26	122.21 5.15 -25.00	102.78 3.93 -17.03	89.93 3.68 -9.65	83.00 3.54 -8.72
NYPA_KENT____GT 24152	94.59 3.66 -9.74	85.75 3.35 -6.25	80.65 3.00 -4.47	78.44 2.61 -3.22	81.18 2.95 -0.69	93.17 3.45 -5.53	140.02 5.26 -18.06	158.01 6.17 -20.54	132.98 5.05 -28.78	100.75 5.02 -17.36	166.74 4.25 -89.27	112.77 4.23 -41.37	153.12 4.12 -84.68	150.30 3.78 -83.54	75.08 3.92 -7.90	112.50 4.02 -40.33	102.15 4.52 -16.83	136.21 6.30 -24.81	154.14 7.11 -28.49	134.40 6.23 -29.29	123.35 5.43 -25.86	115.15 4.74 -28.58	90.53 4.21 -9.71	83.41 3.89 -8.78
NYPA_POUCH1____GT 24155	94.42 3.49 -9.74	85.52 3.12 -6.25	80.43 2.78 -4.47	78.22 2.39 -3.22	80.94 2.71 -0.69	92.83 3.12 -5.53	139.53 4.79 -18.04	155.64 5.77 -18.57	132.66 4.76 -28.77	100.57 4.86 -17.34	91.22 4.10 -13.90	82.89 4.10 -11.63	77.62 3.99 -9.31	74.87 3.72 -8.17	74.94 3.86 -7.83	81.63 3.95 -9.52	102.09 4.44 -16.85	136.13 6.20 -24.84	154.05 6.99 -28.51	134.32 6.13 -29.31	123.90 5.34 -26.50	123.66 4.66 -37.17	90.57 4.21 -9.75	83.31 3.75 -8.82
NYPA_VERNON____GT2 24162	94.42 3.49 -9.74	85.60 3.20 -6.25	80.50 2.85 -4.47	78.37 2.54 -3.22	81.10 2.87 -0.69	92.99 3.28 -5.53	139.66 4.90 -18.06	157.48 5.64 -20.54	132.68 4.76 -28.78	100.43 4.70 -17.36	124.97 4.02 -47.73	96.17 4.03 -24.98	111.31 3.86 -43.14	108.57 3.59 -42.00	74.78 3.67 -7.86	95.32 3.81 -23.35	101.97 4.36 -16.81	135.87 5.99 -24.79	153.76 6.75 -28.46	134.18 6.03 -29.27	122.43 5.15 -25.22	106.31 4.50 -19.99	90.25 3.98 -9.66	83.16 3.68 -8.74
NYPA_VERNON____GT3 24163	94.42 3.49 -9.74	85.60 3.20 -6.25	80.50 2.85 -4.47	78.37 2.54 -3.22	81.10 2.87 -0.69	92.99 3.28 -5.53	139.66 4.90 -18.06	157.48 5.64 -20.54	132.68 4.76 -28.78	100.43 4.70 -17.36	124.97 4.02 -47.73	96.17 4.03 -24.98	111.31 3.86 -43.14	108.57 3.59 -42.00	74.78 3.67 -7.86	95.32 3.81 -23.35	101.97 4.36 -16.81	135.87 5.99 -24.79	153.76 6.75 -28.46	134.18 6.03 -29.27	122.43 5.15 -25.22	106.31 4.50 -19.99	90.25 3.98 -9.66	83.16 3.68 -8.74
NYPA__ASTORIA_CC1 323568	94.34 3.41 -9.74	85.52 3.12 -6.25	80.50 2.85 -4.47	78.30 2.47 -3.22	81.02 2.79 -0.69	92.91 3.20 -5.53	139.55 4.79 -18.06	157.35 5.51 -20.54	132.48 4.56 -28.78	100.35 4.62 -17.36	107.87 3.95 -30.70	89.31 3.89 -18.26	94.22 3.79 -26.11	91.48 3.53 -24.97	74.70 3.60 -7.84	88.29 3.75 -16.39	101.88 4.28 -16.80	135.75 5.88 -24.78	153.63 6.63 -28.46	133.97 5.83 -29.26	122.12 5.06 -25.00	103.27 4.42 -17.03	90.24 3.98 -9.65	83.07 3.61 -8.72
NYPA__ASTORIA_CC2 323569	94.34 3.41 -9.74	85.52 3.12 -6.25	80.50 2.85 -4.47	78.30 2.47 -3.22	81.02 2.79 -0.69	92.91 3.20 -5.53	139.55 4.79 -18.06	157.35 5.51 -20.54	132.48 4.56 -28.78	100.35 4.62 -17.36	107.87 3.95 -30.70	89.31 3.89 -18.26	94.22 3.79 -26.11	91.48 3.53 -24.97	74.70 3.60 -7.84	88.29 3.75 -16.39	101.88 4.28 -16.80	135.75 5.88 -24.78	153.63 6.63 -28.46	133.97 5.83 -29.26	122.12 5.06 -25.00	103.27 4.42 -17.03	90.24 3.98 -9.65	83.07 3.61 -8.72
NYPA__HOLTSVILL 23794	95.17 4.14 -9.84	86.74 4.26 -6.32	83.85 3.95 -6.72	87.03 3.70 -10.72	87.06 4.11 -5.41	103.50 4.80 -14.52	140.74 5.83 -18.20	157.96 5.91 -20.75	133.58 5.35 -29.09	100.53 4.62 -17.54	90.87 3.59 -14.06	82.42 3.49 -11.76	77.73 3.99 -9.42	74.84 3.59 -8.27	75.16 3.99 -7.92	81.88 4.09 -9.64	102.38 4.60 -16.98	137.80 7.67 -25.04	155.66 8.42 -28.70	136.55 8.20 -29.47	130.83 7.19 -31.58	121.67 5.81 -34.04	98.07 5.13 -16.33	102.80 5.10 -26.96
NYPA__HELLGATE_GT1 24158	94.75 3.82 -9.74	85.91 3.50 -6.26	80.80 3.14 -4.48	78.67 2.83 -3.22	81.42 3.18 -0.70	93.34 3.62 -5.54	140.25 5.49 -18.06	157.47 5.64 -20.54	132.28 4.36 -28.78	99.88 4.15 -17.36	90.95 3.81 -13.92	82.36 3.56 -11.64	77.18 3.54 -9.33	74.44 3.27 -8.19	74.44 3.35 -7.84	81.31 3.61 -9.54	101.72 4.12 -16.80	135.54 5.67 -24.78	153.51 6.52 -28.46	133.97 5.83 -29.26	122.21 5.15 -25.00	102.78 3.93 -17.03	89.93 3.68 -9.65	83.00 3.54 -8.72
NYPA__HELLGATE_GT2 24159	94.75 3.82 -9.74	85.91 3.50 -6.26	80.80 3.14 -4.48	78.67 2.83 -3.22	81.42 3.18 -0.70	93.34 3.62 -5.54	140.25 5.49 -18.06	157.47 5.64 -20.54	132.28 4.36 -28.78	99.88 4.15 -17.36	90.95 3.81 -13.92	82.36 3.56 -11.64	77.18 3.54 -9.33	74.44 3.27 -8.19	74.44 3.35 -7.84	81.31 3.61 -9.54	101.72 4.12 -16.80	135.54 5.67 -24.78	153.51 6.52 -28.46	133.97 5.83 -29.26	122.21 5.15 -25.00	102.78 3.93 -17.03	89.93 3.68 -9.65	83.00 3.54 -8.72
NYS_BARGE__HYD 23848	73.32 -7.87 0.00	67.93 -8.23 0.00	65.27 -7.90 0.00	64.70 -7.91 0.00	70.18 -7.37 0.00	77.03 -7.16 0.00	107.14 -9.57 0.00	119.35 -11.95 0.00	90.61 -8.53 0.00	70.92 -7.45 0.00	66.26 -6.96 0.00	60.85 -6.32 0.00	57.63 -6.69 0.00	56.43 -6.55 0.00	56.29 -6.96 0.00	60.73 -7.43 0.00	71.34 -9.45 0.00	94.06 -11.03 0.00	107.88 -10.67 0.00	89.58 -9.30 0.00	82.58 -9.48 0.00	72.58 -9.25 0.00	68.57 -8.04 0.00	63.53 -7.22 0.00

OAK ORCHARD___HYD 24046	76.57 -4.62 0.00	71.36 -4.80 0.00	68.42 -4.76 0.00	67.82 -4.79 0.00	73.20 -4.34 0.00	80.23 -3.96 0.00	111.81 -4.90 0.00	124.73 -6.56 0.00	94.58 -4.56 0.00	74.14 -4.23 0.00	69.12 -4.10 0.00	63.47 -3.69 0.00	60.20 -4.12 0.00	59.08 -3.91 0.00	59.01 -4.24 0.00	63.66 -4.50 0.00	75.30 -5.50 0.00	98.99 -6.10 0.00	112.86 -5.69 0.00	93.94 -4.94 0.00	86.71 -5.34 0.00	76.42 -5.40 0.00	71.71 -4.90 0.00	66.29 -4.45 0.00
OAKDALE___35_KV_LOAD 356122	80.30 -0.89 0.00	75.16 -0.99 0.00	72.36 -1.02 -0.21	71.80 -0.94 -0.13	76.69 -0.85 0.00	83.92 -0.59 -0.32	118.15 -0.47 -1.92	130.25 -1.05 0.00	98.25 -0.89 0.00	77.51 -0.86 0.00	72.12 -1.10 0.00	66.09 -1.07 0.00	63.10 -1.22 0.00	61.72 -1.26 0.00	61.92 -1.33 0.00	66.66 -1.50 0.00	79.18 -1.62 0.00	104.06 -1.58 -0.55	120.16 -1.07 -2.68	102.74 -0.69 -4.55	93.91 -0.92 -2.78	81.87 -1.23 -1.27	75.62 -1.15 -0.16	69.84 -1.20 -0.30
OCC_CHEM___DRP 24175	72.34 -8.85 0.00	67.24 -8.91 0.00	64.32 -8.85 0.00	64.26 -8.35 0.00	69.32 -8.22 0.00	75.51 -8.67 0.00	104.80 -11.90 0.00	116.98 -14.31 0.00	89.03 -10.11 0.00	69.51 -8.86 0.00	65.24 -7.98 0.00	59.71 -7.46 0.00	56.73 -7.59 0.00	55.55 -7.43 0.00	55.47 -7.78 0.00	59.50 -8.66 0.00	69.97 -10.83 0.00	91.74 -13.35 0.00	104.32 -14.23 0.00	87.31 -11.57 0.00	80.73 -11.32 0.00	71.68 -10.15 0.00	67.65 -8.96 0.00	62.96 -7.78 0.00
OH_GEN_PROXY 24063	73.32 -7.87 0.00	67.85 -8.30 0.00	65.20 -7.97 0.00	64.62 -7.99 0.00	70.18 -7.37 0.00	78.75 -7.24 -1.80	105.10 -9.80 1.80	118.95 -12.35 0.00	90.41 -8.73 0.00	68.93 -7.45 1.99	64.98 -6.96 1.28	58.82 -6.32 2.03	54.27 -6.62 3.42	54.21 -6.49 2.29	53.82 -6.83 2.60	60.40 -7.36 0.39	71.43 -9.37 0.00	94.06 -11.03 0.00	107.64 -10.90 0.00	89.39 -9.49 0.00	75.22 -9.58 7.26	63.90 -9.25 8.68	58.26 -8.04 10.31	63.60 -7.14 0.00
OLIN_CORP_DRP 24177	72.34 -8.85 0.00	67.24 -8.91 0.00	64.32 -8.85 0.00	64.26 -8.35 0.00	69.32 -8.22 0.00	75.51 -8.67 0.00	104.80 -11.90 0.00	117.12 -14.18 0.00	89.03 -10.11 0.00	69.51 -8.86 0.00	65.09 -8.13 0.00	59.64 -7.52 0.00	56.60 -7.72 0.00	55.49 -7.50 0.00	55.41 -7.84 0.00	59.43 -8.72 0.00	69.89 -10.91 0.00	91.85 -13.24 0.00	104.44 -14.11 0.00	87.41 -11.47 0.00	80.83 -11.23 0.00	71.76 -10.06 0.00	67.72 -8.89 0.00	62.96 -7.78 0.00
OLIN_CORP_DSASP 323712	72.50 -8.69 0.00	67.09 -9.06 0.00	64.47 -8.71 0.00	63.97 -8.64 0.00	69.40 -8.14 0.00	76.10 -8.08 0.00	105.73 -10.97 0.00	117.64 -13.66 0.00	89.52 -9.61 0.00	70.14 -8.23 0.00	65.60 -7.62 0.00	60.25 -6.92 0.00	57.12 -7.20 0.00	55.87 -7.12 0.00	55.79 -7.46 0.00	60.18 -7.97 0.00	70.53 -10.26 0.00	92.79 -12.30 0.00	106.34 -12.21 0.00	88.20 -10.68 0.00	81.38 -10.15 0.00	71.67 -8.89 0.00	67.72 -8.89 0.00	62.89 -7.85 0.00
ONEIDA_HERK_LFGE 323681	83.62 2.43 0.00	78.43 2.28 0.00	75.30 2.12 0.00	74.94 2.32 0.00	80.02 2.48 0.00	87.05 2.86 0.00	121.38 4.67 0.00	136.68 5.39 0.00	102.70 3.56 0.00	80.64 2.27 0.00	74.97 1.75 0.00	69.38 2.21 0.00	66.31 2.00 0.00	64.87 1.89 0.00	64.83 1.58 0.00	69.79 1.63 0.00	82.41 1.62 0.00	107.93 2.84 0.00	122.45 3.91 0.00	102.24 3.36 0.00	94.91 2.86 0.00	83.95 2.12 0.00	78.45 1.84 0.00	72.16 1.41 0.00
ONEIDA___115KV_TB4 55905	83.30 2.11 0.00	78.05 1.90 0.00	74.94 1.76 0.00	74.50 1.89 0.00	79.64 2.09 0.00	86.79 2.61 0.00	120.91 4.20 0.00	135.89 4.60 0.00	102.21 3.07 0.00	80.25 1.88 0.00	74.76 1.54 0.00	68.30 1.14 0.00	65.48 1.16 0.00	64.06 1.07 0.00	64.20 0.95 0.00	69.18 1.02 0.00	82.41 1.62 0.00	107.93 2.84 0.00	122.57 4.03 0.00	102.24 3.36 0.00	95.00 2.95 0.00	84.03 2.21 0.00	78.53 1.92 0.00	72.37 1.63 0.00
ONONDAGA_REF_OCCRA 23987	79.73 -1.46 0.00	74.63 -1.52 0.00	71.64 -1.54 0.00	71.16 -1.45 0.00	76.07 -1.47 0.00	82.92 -1.26 0.00	115.42 -1.28 0.00	129.19 -2.10 0.00	97.45 -1.69 0.00	76.72 -1.65 0.00	71.46 -1.76 0.00	65.42 -1.75 0.00	62.52 -1.80 0.00	61.16 -1.83 0.00	61.35 -1.90 0.00	66.11 -2.04 0.00	78.62 -2.18 0.00	102.78 -2.31 0.00	116.53 -2.02 0.00	97.30 -1.58 0.00	90.40 -1.66 0.00	79.94 -1.88 0.00	74.70 -1.92 0.00	68.91 -1.84 0.00
ONONDAGA___COGEN 23986	80.14 -1.06 0.00	75.08 -1.07 0.00	72.08 -1.10 0.00	71.60 -1.02 0.00	76.54 -1.01 0.00	83.43 -0.76 0.00	116.12 -0.58 0.00	129.98 -1.31 0.00	97.95 -1.19 0.00	77.19 -1.18 0.00	71.83 -1.39 0.00	65.75 -1.41 0.00	62.77 -1.54 0.00	61.41 -1.57 0.00	61.61 -1.64 0.00	66.38 -1.77 0.00	79.02 -1.78 0.00	103.30 -1.79 0.00	117.12 -1.42 0.00	97.79 -1.09 0.00	90.77 -1.29 0.00	80.35 -1.47 0.00	75.00 -1.61 0.00	69.19 -1.56 0.00
ONTARIO___LFGE 23819	79.73 -1.46 0.00	74.40 -1.75 0.00	71.42 -1.76 0.00	70.80 -1.81 0.00	76.22 -1.32 0.00	83.18 -1.01 0.00	116.12 -0.58 0.00	129.33 -1.97 0.00	97.16 -1.98 0.00	76.80 -1.57 0.00	71.39 -1.83 0.00	65.35 -1.81 0.00	62.13 -2.19 0.00	60.78 -2.21 0.00	60.85 -2.40 0.00	65.64 -2.52 0.00	78.29 -2.51 0.00	102.15 -2.94 0.00	116.88 -1.66 0.00	97.89 -0.99 0.00	90.40 -1.65 0.00	79.45 -2.38 0.00	74.55 -2.06 0.00	68.69 -2.05 0.00
ORANGEVILLE_WT_PWR 323706	76.40 -4.79 0.00	70.90 -5.25 0.00	68.13 -5.05 0.00	67.53 -5.08 0.00	73.13 -4.42 0.00	80.15 -4.04 0.00	111.69 -5.01 0.00	123.55 -7.75 0.00	92.79 -6.35 0.00	72.57 -5.80 0.00	67.65 -5.57 0.00	62.06 -5.11 0.00	58.98 -5.34 0.00	57.63 -5.35 0.00	57.62 -5.63 0.00	62.16 -6.00 0.00	73.77 -7.03 0.00	97.83 -7.57 -0.31	113.51 -6.52 -1.49	95.78 -5.63 -2.53	87.52 -6.08 -1.54	76.06 -6.47 -0.71	70.72 -5.98 -0.09	65.47 -5.45 -0.17
ORANGEVILLE___ESR 323794	76.40 -4.79 0.00	70.90 -5.25 0.00	68.13 -5.05 0.00	67.53 -5.08 0.00	73.13 -4.42 0.00	80.15 -4.04 0.00	111.69 -5.01 0.00	123.55 -7.75 0.00	92.79 -6.35 0.00	72.57 -5.80 0.00	67.65 -5.57 0.00	62.06 -5.11 0.00	58.98 -5.34 0.00	57.63 -5.35 0.00	57.62 -5.63 0.00	62.16 -6.00 0.00	73.77 -7.03 0.00	97.83 -7.57 -0.31	113.51 -6.52 -1.49	95.78 -5.63 -2.53	87.52 -6.08 -1.54	76.06 -6.47 -0.71	70.72 -5.98 -0.09	65.47 -5.45 -0.17
OSWEGATCHIE___HYD 24044	83.30 2.11 0.00	78.21 2.06 0.00	75.45 2.27 0.00	75.44 2.83 0.00	79.56 2.01 0.00	86.29 2.11 0.00	120.44 3.73 0.00	135.62 4.33 0.00	100.53 1.39 0.00	78.92 0.55 0.00	73.88 0.66 0.00	72.06 4.90 0.00	68.82 4.50 0.00	67.39 4.41 0.00	67.11 3.86 0.00	71.77 3.61 0.00	79.99 -0.81 0.00	104.46 -0.63 0.00	118.66 0.12 0.00	99.08 0.20 0.00	92.06 0.00 0.00	81.99 0.16 0.00	77.91 1.30 0.00	71.95 1.20 0.00
OSWEGO___5 23606	78.43 -2.76 0.00	73.48 -2.67 0.00	70.55 -2.63 0.00	70.00 -2.61 0.00	74.91 -2.64 0.00	81.57 -2.61 0.00	113.32 -3.39 0.00	126.83 -4.46 0.00	95.77 -3.37 0.00	75.55 -2.82 0.00	70.44 -2.78 0.00	64.61 -2.55 0.00	61.68 -2.64 0.00	60.40 -2.59 0.00	60.60 -2.65 0.00	65.36 -2.80 0.00	77.56 -3.23 0.00	101.20 -3.89 0.00	114.63 -3.91 0.00	95.62 -3.26 0.00	88.83 -3.22 0.00	78.63 -3.19 0.00	73.54 -3.07 0.00	67.91 -2.83 0.00

OSWEGO___6 23613	78.43 -2.76 0.00	73.48 -2.67 0.00	70.55 -2.63 0.00	70.00 -2.61 0.00	74.91 -2.64 0.00	81.57 -2.61 0.00	113.32 -3.39 0.00	126.83 -4.46 0.00	95.77 -3.37 0.00	75.55 -2.82 0.00	70.44 -2.78 0.00	64.61 -2.55 0.00	61.68 -2.64 0.00	60.40 -2.59 0.00	60.60 -2.65 0.00	65.36 -2.80 0.00	77.56 -3.23 0.00	101.20 -3.89 0.00	114.63 -3.91 0.00	95.62 -3.26 0.00	88.83 -3.22 0.00	78.63 -3.19 0.00	73.54 -3.07 0.00	67.91 -2.83 0.00
OUTOKUMPU-AB___DRP 24206	74.21 -6.98 0.00	68.99 -7.16 0.00	66.01 -7.17 0.00	65.93 -6.68 0.00	70.87 -6.67 0.00	77.20 -6.99 0.00	107.13 -9.57 0.00	120.14 -11.16 0.00	91.31 -7.83 0.00	71.24 -7.13 0.00	67.07 -6.15 0.00	61.39 -5.78 0.00	58.21 -6.11 0.00	57.06 -5.92 0.00	56.93 -6.33 0.00	61.14 -7.02 0.00	71.99 -8.81 0.00	94.27 -10.82 0.00	107.16 -11.38 0.00	89.68 -9.20 0.00	82.85 -9.21 0.00	73.48 -8.35 0.00	69.33 -7.28 0.00	64.31 -6.44 0.00
OXBOW___BTM 323836	73.32 -7.87 0.00	67.85 -8.30 0.00	65.20 -7.97 0.00	64.62 -7.99 0.00	70.10 -7.44 0.00	76.86 -7.32 0.00	106.78 -9.92 0.00	119.09 -12.21 0.00	90.51 -8.63 0.00	71.00 -7.37 0.00	66.49 -6.73 0.00	61.05 -6.11 0.00	57.76 -6.56 0.00	56.56 -6.43 0.00	56.49 -6.77 0.00	60.93 -7.23 0.00	71.43 -9.37 0.00	93.95 -11.14 0.00	107.64 -10.90 0.00	89.29 -9.59 0.00	82.39 -9.66 0.00	72.42 -9.41 0.00	68.49 -8.12 0.00	63.53 -7.22 0.00
OXBOW____ 24026	73.15 -8.04 0.00	68.00 -8.15 0.00	65.06 -8.12 0.00	64.99 -7.62 0.00	69.94 -7.60 0.00	76.19 -8.00 0.00	105.73 -10.97 0.00	118.30 -13.00 0.00	90.02 -9.12 0.00	70.30 -8.07 0.00	66.04 -7.18 0.00	60.45 -6.72 0.00	57.37 -6.95 0.00	56.25 -6.74 0.00	56.17 -7.08 0.00	60.25 -7.91 0.00	70.86 -9.94 0.00	92.90 -12.19 0.00	105.62 -12.92 0.00	88.40 -10.48 0.00	81.75 -10.31 0.00	72.49 -9.33 0.00	68.41 -8.20 0.00	63.53 -7.22 0.00
OXY_CHEM_DSASP 323612	72.34 -8.85 0.00	67.24 -8.91 0.00	64.32 -8.85 0.00	64.26 -8.35 0.00	69.32 -8.22 0.00	75.51 -8.67 0.00	104.80 -11.90 0.00	116.98 -14.31 0.00	89.03 -10.11 0.00	69.51 -8.86 0.00	65.24 -7.98 0.00	59.71 -7.46 0.00	56.73 -7.59 0.00	55.55 -7.43 0.00	55.47 -7.78 0.00	59.50 -8.66 0.00	69.97 -10.83 0.00	91.74 -13.35 0.00	104.32 -14.23 0.00	87.31 -11.57 0.00	80.73 -11.32 0.00	71.68 -10.15 0.00	67.65 -8.96 0.00	62.96 -7.78 0.00
OZONE_PARK_ESR 323760	94.68 3.73 -9.76	85.91 3.50 -6.26	80.87 3.22 -4.48	78.81 2.98 -3.22	81.33 3.10 -0.69	93.34 3.62 -5.54	140.15 5.37 -18.08	158.04 6.17 -20.57	133.23 5.25 -28.83	100.77 5.02 -17.38	91.26 4.10 -13.94	83.05 4.23 -11.66	77.51 3.86 -9.34	74.77 3.59 -8.20	74.83 3.73 -7.85	81.66 3.95 -9.55	102.08 4.44 -16.83	135.80 5.89 -24.83	153.92 6.88 -28.50	134.21 6.03 -29.30	122.43 5.34 -25.04	103.30 4.42 -17.06	90.33 4.06 -9.66	82.87 3.40 -8.73
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	72.34 -8.85 0.00	67.24 -8.91 0.00	64.32 -8.85 0.00	64.26 -8.35 0.00	69.32 -8.22 0.00	75.51 -8.67 0.00	104.80 -11.90 0.00	116.98 -14.31 0.00	89.03 -10.11 0.00	69.51 -8.86 0.00	65.24 -7.98 0.00	59.71 -7.46 0.00	56.73 -7.59 0.00	55.55 -7.43 0.00	55.47 -7.78 0.00	59.50 -8.66 0.00	69.97 -10.83 0.00	91.74 -13.35 0.00	104.32 -14.23 0.00	87.31 -11.57 0.00	80.73 -11.32 0.00	71.68 -10.15 0.00	67.65 -8.96 0.00	62.96 -7.78 0.00
PACKARD__115KV_DUPONT_184 80571	72.34 -8.85 0.00	67.24 -8.91 0.00	64.32 -8.85 0.00	64.26 -8.35 0.00	69.32 -8.22 0.00	75.51 -8.67 0.00	104.80 -11.90 0.00	116.98 -14.31 0.00	89.03 -10.11 0.00	69.51 -8.86 0.00	65.24 -7.98 0.00	59.71 -7.46 0.00	56.73 -7.59 0.00	55.55 -7.43 0.00	55.47 -7.78 0.00	59.50 -8.66 0.00	69.97 -10.83 0.00	91.74 -13.35 0.00	104.32 -14.23 0.00	87.31 -11.57 0.00	80.73 -11.32 0.00	71.68 -10.15 0.00	67.65 -8.96 0.00	62.96 -7.78 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	94.91 3.98 -9.74	86.13 3.73 -6.25	81.09 3.44 -4.47	79.10 3.27 -3.22	81.64 3.41 -0.69	93.67 3.96 -5.53	140.13 5.37 -18.06	157.48 5.65 -20.54	132.78 4.86 -28.78	100.35 4.62 -17.36	90.80 3.66 -13.92	82.63 3.83 -11.64	77.18 3.54 -9.33	74.38 3.21 -8.19	74.51 3.42 -7.84	81.31 3.61 -9.54	101.72 4.12 -16.80	135.13 5.25 -24.78	153.52 6.52 -28.46	133.67 5.54 -29.26	121.94 4.88 -25.00	103.11 4.25 -17.03	90.47 4.21 -9.65	83.00 3.54 -8.72
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	95.32 4.38 -9.74	86.59 4.19 -6.25	81.60 3.95 -4.47	79.68 3.85 -3.22	82.26 4.03 -0.69	94.26 4.55 -5.53	140.95 6.19 -18.06	158.40 6.56 -20.54	133.37 5.45 -28.78	100.59 4.86 -17.36	90.95 3.81 -13.92	82.77 3.96 -11.64	77.25 3.60 -9.33	74.45 3.28 -8.19	74.51 3.42 -7.84	81.38 3.68 -9.54	101.80 4.20 -16.80	135.23 5.36 -24.78	153.64 6.64 -28.46	133.87 5.73 -29.26	122.12 5.06 -25.00	103.27 4.42 -17.03	90.62 4.37 -9.65	83.14 3.68 -8.72
PATROON__115KV_TB1 80586	84.60 3.41 0.00	79.35 3.20 0.00	79.35 3.07 -3.10	77.54 2.98 -1.95	80.80 3.26 0.00	92.55 3.54 -4.83	150.12 4.67 -28.75	136.28 4.99 0.00	102.91 3.77 0.00	81.90 3.53 0.00	76.15 2.93 0.00	70.05 2.89 0.00	66.89 2.57 0.00	65.38 2.39 0.00	65.78 2.53 0.00	71.02 2.86 0.00	84.19 3.39 0.00	117.42 4.41 -7.92	162.05 4.86 -38.64	168.65 4.15 -65.62	135.93 3.87 -40.00	103.54 3.35 -18.36	82.23 3.29 -2.32	78.12 3.04 -4.33
PATTRSNVILLE___SOLAR 323815	84.52 3.33 0.00	79.27 3.12 0.00	81.10 2.93 -4.99	78.58 2.83 -3.13	80.72 3.18 0.00	95.59 3.62 -7.79	168.02 5.01 -46.30	136.81 5.51 0.00	102.81 3.67 0.00	80.95 2.58 0.00	75.27 2.05 0.00	68.98 1.81 0.00	66.06 1.74 0.00	64.69 1.70 0.00	65.09 1.84 0.00	70.34 2.18 0.00	83.95 3.15 0.00	122.36 4.52 -12.76	186.24 5.46 -62.24	209.22 4.65 -105.69	160.73 4.24 -64.44	114.99 3.60 -29.58	83.65 3.29 -3.74	80.76 3.04 -6.97
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	76.56 -4.63 0.00	71.20 -4.95 0.00	68.20 -4.98 0.00	68.11 -4.50 0.00	73.36 -4.19 0.00	80.06 -4.13 0.00	111.45 -5.25 0.00	125.12 -6.17 0.00	94.88 -4.26 0.00	74.14 -4.23 0.00	69.41 -3.81 0.00	63.54 -3.63 0.00	60.27 -4.05 0.00	59.02 -3.97 0.00	58.95 -4.30 0.00	63.25 -4.91 0.00	74.74 -6.06 0.00	98.36 -6.73 0.00	112.02 -6.52 0.00	93.84 -5.04 0.00	86.62 -5.43 0.00	76.42 -5.40 0.00	71.94 -4.67 0.00	66.57 -4.17 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	88.31 3.82 -3.31	81.85 3.58 -2.12	78.37 3.37 -1.83	77.24 3.34 -1.29	81.27 3.49 -0.23	90.59 4.04 -2.36	131.43 5.72 -9.00	144.82 6.56 -6.96	114.35 5.45 -9.76	88.96 4.70 -5.88	81.75 3.81 -4.72	75.01 3.76 -4.09	70.95 3.47 -3.16	68.84 3.09 -2.77	69.20 3.29 -2.66	74.87 3.48 -3.23	90.95 4.44 -5.70	120.08 5.78 -9.21	138.96 6.88 -13.54	121.35 5.93 -16.54	109.91 5.34 -12.52	93.78 4.34 -7.62	84.18 4.06 -3.51	77.46 3.33 -3.39
PEEKSKILL____ 23653	169.60 2.11 -86.31	133.59 2.06 -55.38	111.00 1.83 -35.99	100.38 1.53 -26.24	85.42 1.78 -6.10	129.58 2.02 -43.38	246.00 2.80 -126.50	316.58 3.28 -182.00	357.31 3.08 -255.09	235.31 3.14 -153.80	199.12 2.56 -123.34	172.82 2.62 -103.04	149.51 2.58 -82.61	137.76 2.26 -72.51	135.10 2.40 -69.45	155.12 2.45 -84.52	232.63 2.90 -148.92	319.50 3.99 -210.42	330.28 4.62 -207.12	285.86 4.25 -182.73	270.64 3.69 -174.90	214.26 2.94 -129.50	161.94 2.61 -82.73	145.25 2.33 -72.17

PGE MADISON___WINDPWR 24146	88.50 7.31 0.00	82.77 6.62 0.00	79.84 6.36 -0.30	79.41 6.61 -0.19	85.06 7.52 0.00	93.40 8.75 -0.46	133.58 14.12 -2.76	146.26 14.96 0.00	109.26 10.12 0.00	84.80 6.43 0.00	78.05 4.83 0.00	71.06 3.89 0.00	67.53 3.21 0.00	66.01 3.02 0.00	66.23 2.97 0.00	71.63 3.47 0.00	86.45 5.65 0.00	115.53 9.66 -0.78	135.52 13.16 -3.82	116.04 10.68 -6.48	105.21 9.20 -3.95	90.59 6.95 -1.81	82.66 5.82 -0.23	75.77 4.60 -0.43
PIERCEFIELD___HYD 23852	82.98 1.79 0.00	78.05 1.90 0.00	75.37 2.20 0.00	74.65 2.03 0.00	79.25 1.71 0.00	85.53 1.35 0.00	118.81 2.10 0.00	133.79 2.49 0.00	98.84 -0.30 0.00	77.98 -0.39 0.00	80.69 7.47 0.00	68.57 1.41 0.00	71.46 7.14 0.00	69.98 6.99 0.00	69.70 6.45 0.00	71.70 3.54 0.00	79.83 -0.97 0.00	104.04 -1.05 0.00	117.48 -1.07 0.00	98.09 -0.79 0.00	91.14 -0.92 0.00	81.33 -0.49 0.00	78.07 1.46 0.00	78.95 8.21 0.00
PINELAWN_CC_1 323563	95.33 4.30 -9.84	86.81 4.34 -6.32	83.92 4.02 -6.72	87.03 3.70 -10.72	87.06 4.11 -5.41	103.33 4.63 -14.52	140.74 5.83 -18.20	157.96 5.91 -20.75	133.68 5.45 -29.09	100.69 4.78 -17.54	91.09 3.81 -14.06	82.68 3.76 -11.76	77.79 4.05 -9.42	75.03 3.78 -8.27	75.28 4.11 -7.92	81.95 4.16 -9.64	102.55 4.77 -16.98	137.37 7.25 -25.04	155.42 8.17 -28.70	136.07 7.72 -29.47	130.45 6.81 -31.58	121.50 5.64 -34.04	97.99 5.06 -16.33	102.37 4.67 -26.96
PJM_GEN_HTP_PROXY 323702	93.97 3.01 -9.78	85.25 2.82 -6.27	80.15 2.49 -4.48	78.02 2.18 -3.23	80.64 2.41 -0.69	94.31 2.77 -7.35	137.09 4.08 -16.31	156.63 4.72 -20.62	132.20 4.16 -28.90	99.94 4.15 -17.42	90.71 3.51 -13.97	82.34 3.49 -11.69	77.08 3.41 -9.36	74.35 3.15 -8.21	74.34 3.22 -7.87	81.07 3.34 -9.57	101.47 3.80 -16.87	135.12 5.15 -24.88	153.02 5.92 -28.55	133.65 5.43 -29.34	121.74 4.60 -25.08	102.76 3.85 -17.09	89.66 3.37 -9.68	82.60 3.11 -8.75
PJM_GEN_KEystone 24065	71.94 -1.86 7.39	69.28 -2.13 4.74	68.30 -2.12 2.75	68.32 -2.25 2.04	75.16 -1.86 0.52	81.01 -1.77 1.40	105.00 -2.10 9.61	112.52 -3.01 15.76	75.46 -1.78 21.90	63.91 -1.26 13.20	61.24 -1.39 10.59	57.16 -1.14 8.86	55.94 -1.29 7.09	55.37 -1.39 6.22	55.84 -1.45 5.96	59.20 -1.70 7.26	65.95 -2.10 12.74	85.83 -2.10 17.16	103.40 -1.54 13.59	89.17 -1.09 8.62	79.80 -1.57 10.69	70.74 -1.96 9.12	67.94 -1.84 6.83	63.41 -1.62 5.71
PJM_GEN_NEPTUNE_PROXY 323594	94.52 3.49 -9.84	85.98 3.50 -6.32	82.06 3.22 -5.66	82.67 2.91 -7.15	83.96 3.26 -3.16	99.85 3.62 -12.05	137.65 4.55 -16.40	156.77 4.72 -20.75	132.79 4.56 -29.09	100.14 4.23 -17.54	90.73 3.44 -14.06	82.35 3.42 -11.76	77.40 3.66 -9.42	74.59 3.34 -8.27	74.77 3.60 -7.92	81.40 3.61 -9.64	101.90 4.12 -16.98	136.01 5.88 -25.04	153.76 6.52 -28.70	134.58 6.23 -29.47	126.02 5.43 -28.54	112.38 4.58 -25.98	93.92 4.13 -13.18	92.84 3.82 -18.28
PJM_GEN_VFT_PROXY 323633	54.65 2.43 28.97	52.73 2.28 25.70	52.41 2.05 22.82	51.54 1.67 22.74	53.61 1.94 25.87	54.76 2.19 31.61	78.47 3.26 41.50	92.25 3.81 42.86	60.55 3.47 42.06	53.24 3.68 28.81	50.28 3.00 25.94	47.69 3.09 22.56	46.12 3.02 21.22	44.84 2.77 20.91	48.33 2.85 17.77	48.12 2.93 22.97	53.79 3.31 30.32	71.62 4.52 37.99	78.80 5.34 45.08	70.01 4.84 33.71	62.50 4.15 33.70	58.01 3.36 27.17	54.49 2.91 25.03	53.16 2.69 20.27
PLATSBURG_115KV_PMLD1 355749	83.87 2.68 0.00	78.97 2.82 0.00	76.11 2.93 0.00	75.66 3.05 0.00	80.72 3.18 0.00	85.11 0.93 0.00	115.19 -1.52 0.00	130.25 -1.05 0.00	97.65 -1.49 0.00	79.08 0.71 0.00	76.66 3.44 0.00	70.12 2.96 0.00	67.53 3.22 0.00	66.32 3.34 0.00	66.29 3.04 0.00	71.29 3.14 0.00	83.95 3.15 0.00	109.08 3.99 0.00	122.46 3.91 0.00	101.35 2.47 0.00	94.17 2.12 0.00	83.54 1.72 0.00	78.07 1.46 0.00	72.73 1.98 0.00
PLEASANTVLY___LBMP 24000	87.99 2.60 -4.20	81.36 2.51 -2.70	77.73 2.34 -2.21	76.36 2.18 -1.57	80.09 2.25 -0.30	89.54 2.53 -2.83	130.62 3.50 -10.41	143.96 3.81 -8.86	114.93 3.37 -12.42	89.31 3.45 -7.49	81.86 2.64 -6.00	75.02 2.82 -5.03	70.91 2.57 -4.02	68.84 2.33 -3.53	69.16 2.53 -3.38	74.93 2.66 -4.11	91.12 3.07 -7.26	120.40 3.89 -11.42	138.87 4.50 -15.82	121.56 4.05 -18.63	110.10 3.59 -14.45	93.88 3.03 -9.03	83.90 2.91 -4.37	77.38 2.48 -4.16
PLSNTVLE_13_KV_13.8KVDIST 80602	91.65 3.00 -7.45	83.75 2.82 -4.78	79.34 2.63 -3.53	77.61 2.47 -2.53	80.63 2.56 -0.53	91.53 2.95 -4.40	135.74 4.20 -14.83	151.74 4.73 -15.72	125.33 4.16 -22.03	95.73 4.08 -13.28	87.09 3.22 -10.65	79.43 3.36 -8.91	74.54 3.09 -7.13	72.02 2.77 -6.26	72.22 2.97 -6.00	78.59 3.14 -7.30	97.30 3.64 -12.86	129.07 4.73 -19.25	147.15 5.45 -23.15	128.44 4.85 -24.72	116.94 4.33 -20.55	99.03 3.52 -13.69	87.37 3.29 -7.46	80.33 2.76 -6.82
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	91.65 3.00 -7.45	83.75 2.82 -4.78	79.34 2.63 -3.53	77.61 2.47 -2.53	80.63 2.56 -0.53	91.53 2.95 -4.40	135.74 4.20 -14.83	151.74 4.73 -15.72	125.33 4.16 -22.03	95.73 4.08 -13.28	87.09 3.22 -10.65	79.43 3.36 -8.91	74.54 3.09 -7.13	72.02 2.77 -6.26	72.22 2.97 -6.00	78.59 3.14 -7.30	97.30 3.64 -12.86	129.07 4.73 -19.25	147.15 5.45 -23.15	128.44 4.85 -24.72	116.94 4.33 -20.55	99.03 3.52 -13.69	87.37 3.29 -7.46	80.33 2.76 -6.82
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	84.60 3.41 0.00	79.43 3.27 0.00	76.72 3.07 -0.47	75.81 2.90 -0.30	80.57 3.02 0.00	88.46 3.54 -0.74	125.99 4.90 -4.38	136.81 5.51 0.00	103.50 4.36 0.00	82.45 4.08 0.00	76.37 3.15 0.00	70.32 3.16 0.00	67.21 2.89 0.00	65.63 2.65 0.00	66.16 2.91 0.00	71.29 3.14 0.00	84.60 3.80 0.00	111.55 5.25 -1.21	130.49 6.05 -5.90	114.17 5.24 -10.05	102.88 4.69 -6.13	88.55 3.93 -2.80	80.64 3.68 -0.35	74.52 3.11 -0.66
POLETTI_____ 23519	94.03 3.09 -9.76	85.31 2.89 -6.26	80.29 2.63 -4.48	78.30 2.47 -3.22	80.71 2.48 -0.69	92.67 2.95 -5.54	139.10 4.32 -18.08	156.72 4.86 -20.57	132.33 4.36 -28.83	100.06 4.31 -17.38	90.60 3.44 -13.94	82.45 3.63 -11.66	77.00 3.34 -9.34	74.20 3.02 -8.20	74.33 3.23 -7.85	81.05 3.34 -9.55	101.27 3.64 -16.83	134.75 4.83 -24.83	152.74 5.69 -28.50	133.12 4.94 -29.30	121.42 4.33 -25.04	102.48 3.60 -17.06	89.64 3.37 -9.66	82.23 2.76 -8.73
POMONA___ESR 323819	67.31 1.87 15.75	67.80 1.75 10.10	68.67 1.54 6.05	69.38 1.23 4.46	77.90 1.47 1.11	78.76 1.68 7.11	100.88 2.45 18.28	100.95 2.88 33.23	55.33 2.77 46.58	53.19 2.90 28.08	53.04 2.34 22.52	50.74 2.41 18.84	51.62 2.38 15.08	51.89 2.14 13.24	52.78 2.21 12.68	54.97 2.25 15.43	56.37 2.75 27.17	71.80 3.78 37.07	91.62 4.39 31.32	80.58 4.06 22.35	70.25 3.41 25.21	63.97 2.70 20.55	64.28 2.38 14.70	60.42 2.12 12.44
PORT_JEFF_3 23555	95.50 4.46 -9.84	87.04 4.57 -6.32	84.14 4.24 -6.72	87.32 3.99 -10.72	87.37 4.42 -5.41	103.84 5.14 -14.52	141.32 6.41 -18.20	158.61 6.56 -20.75	134.08 5.85 -29.09	100.85 4.94 -17.54	91.16 3.88 -14.06	82.68 3.76 -11.76	77.98 4.24 -9.42	75.16 3.91 -8.27	75.41 4.24 -7.92	82.16 4.37 -9.64	102.79 5.01 -16.98	138.33 8.20 -25.04	156.38 9.13 -28.70	137.05 8.70 -29.47	131.28 7.64 -31.58	122.08 6.22 -34.04	98.46 5.52 -16.33	103.08 5.37 -26.96

PORT_JEFF_4 23616	95.50 4.46 -9.84	87.04 4.57 -6.32	84.14 4.24 -6.72	87.32 3.99 -10.72	87.37 4.42 -5.41	103.84 5.14 -14.52	141.32 6.41 -18.20	158.61 6.56 -20.75	134.08 5.85 -29.09	100.85 4.94 -17.54	91.16 3.88 -14.06	82.68 3.76 -11.76	77.98 4.24 -9.42	75.16 3.91 -8.27	75.41 4.24 -7.92	82.16 4.37 -9.64	102.79 5.01 -16.98	138.33 8.20 -25.04	156.38 9.13 -28.70	137.05 8.70 -29.47	131.28 7.64 -31.58	122.08 6.22 -34.04	98.46 5.52 -16.33	103.08 5.37 -26.96
PORT_JEFF_IC 23713	95.50 4.47 -9.84	87.11 4.65 -6.32	84.35 4.46 -6.71	87.68 4.36 -10.71	87.52 4.58 -5.40	104.00 5.30 -14.51	141.32 6.42 -18.20	158.61 6.56 -20.75	134.08 5.85 -29.09	101.08 5.17 -17.54	91.09 3.81 -14.06	82.82 3.90 -11.76	77.73 3.99 -9.42	74.97 3.72 -8.27	75.16 3.98 -7.92	82.09 4.29 -9.64	102.79 5.01 -16.98	138.12 7.99 -25.04	155.43 8.18 -28.70	136.65 8.31 -29.47	131.18 7.55 -31.58	121.99 6.14 -34.03	98.45 5.52 -16.32	102.79 5.09 -26.95
PPL_PILGRIM_ST_GT1 24216	95.74 4.71 -9.84	87.28 4.80 -6.32	84.36 4.46 -6.72	87.47 4.14 -10.72	87.52 4.57 -5.41	104.01 5.31 -14.52	141.55 6.65 -18.20	158.87 6.82 -20.75	134.28 6.05 -29.09	101.16 5.25 -17.54	91.46 4.17 -14.06	82.96 4.03 -11.76	78.17 4.43 -9.42	75.34 4.09 -8.27	75.66 4.49 -7.92	82.36 4.57 -9.64	103.03 5.25 -16.98	138.43 8.30 -25.04	156.38 9.13 -28.70	137.05 8.70 -29.47	131.28 7.64 -31.58	122.16 6.30 -34.04	98.53 5.59 -16.33	103.01 5.31 -26.96
PPL_PILGRIM_ST_GT2 24217	95.74 4.71 -9.84	87.28 4.80 -6.32	84.36 4.46 -6.72	87.47 4.14 -10.72	87.52 4.57 -5.41	104.01 5.31 -14.52	141.55 6.65 -18.20	158.87 6.82 -20.75	134.28 6.05 -29.09	101.16 5.25 -17.54	91.46 4.17 -14.06	82.96 4.03 -11.76	78.17 4.43 -9.42	75.34 4.09 -8.27	75.66 4.49 -7.92	82.36 4.57 -9.64	103.03 5.25 -16.98	138.43 8.30 -25.04	156.38 9.13 -28.70	137.05 8.70 -29.47	131.28 7.64 -31.58	122.16 6.30 -34.04	98.53 5.59 -16.33	103.01 5.31 -26.96
PPL_SHRM_GT3 24213	95.01 3.98 -9.84	86.58 4.11 -6.32	83.77 3.88 -6.72	86.96 3.63 -10.72	87.06 4.11 -5.41	103.50 4.80 -14.52	140.62 5.72 -18.20	157.96 5.91 -20.75	133.38 5.15 -29.09	100.22 4.31 -17.54	90.50 3.22 -14.06	82.08 3.16 -11.76	77.47 3.73 -9.42	74.65 3.40 -8.27	74.97 3.79 -7.92	81.68 3.88 -9.64	102.14 4.36 -16.98	138.01 7.89 -25.04	155.79 8.54 -28.70	136.85 8.50 -29.47	131.09 7.45 -31.58	121.83 5.97 -34.04	98.22 5.28 -16.33	103.23 5.52 -26.96
PPL_SHRM_GT4 24214	95.01 3.98 -9.84	86.58 4.11 -6.32	83.77 3.88 -6.72	86.96 3.63 -10.72	87.06 4.11 -5.41	103.50 4.80 -14.52	140.62 5.72 -18.20	157.96 5.91 -20.75	133.38 5.15 -29.09	100.22 4.31 -17.54	90.50 3.22 -14.06	82.08 3.16 -11.76	77.47 3.73 -9.42	74.65 3.40 -8.27	74.97 3.79 -7.92	81.68 3.88 -9.64	102.14 4.36 -16.98	138.01 7.89 -25.04	155.79 8.54 -28.70	136.85 8.50 -29.47	131.09 7.45 -31.58	121.83 5.97 -34.04	98.22 5.28 -16.33	103.23 5.52 -26.96
PROJECT___ORANGE 1 24174	79.32 -1.87 0.00	74.25 -1.90 0.00	71.28 -1.90 0.00	70.80 -1.82 0.00	75.68 -1.86 0.00	82.50 -1.68 0.00	114.84 -1.87 0.00	128.41 -2.89 0.00	96.86 -2.28 0.00	76.33 -2.04 0.00	71.10 -2.12 0.00	65.15 -2.01 0.00	62.20 -2.12 0.00	60.84 -2.14 0.00	61.04 -2.21 0.00	65.77 -2.39 0.00	78.21 -2.59 0.00	102.15 -2.94 0.00	115.82 -2.73 0.00	96.70 -2.18 0.00	89.75 -2.30 0.00	79.45 -2.37 0.00	74.24 -2.37 0.00	68.48 -2.26 0.00
PROJECT___ORANGE 2 24166	79.32 -1.87 0.00	74.25 -1.90 0.00	71.28 -1.90 0.00	70.80 -1.82 0.00	75.68 -1.86 0.00	82.50 -1.68 0.00	114.84 -1.87 0.00	128.41 -2.89 0.00	96.86 -2.28 0.00	76.33 -2.04 0.00	71.10 -2.12 0.00	65.15 -2.01 0.00	62.20 -2.12 0.00	60.84 -2.14 0.00	61.04 -2.21 0.00	65.77 -2.39 0.00	78.21 -2.59 0.00	102.15 -2.94 0.00	115.82 -2.73 0.00	96.70 -2.18 0.00	89.75 -2.30 0.00	79.45 -2.37 0.00	74.24 -2.37 0.00	68.48 -2.26 0.00
PUCKETT___SOLAR 323809	82.33 1.14 0.00	76.99 0.84 0.00	74.16 0.73 -0.25	73.50 0.73 -0.16	78.78 1.24 0.00	86.35 1.77 -0.39	122.19 3.15 -2.34	134.18 2.88 0.00	100.82 1.68 0.00	79.07 0.70 0.00	73.37 0.15 0.00	67.10 -0.07 0.00	64.00 -0.32 0.00	62.55 -0.44 0.00	62.74 -0.51 0.00	67.82 -0.34 0.00	80.96 0.16 0.00	107.23 1.47 -0.66	124.63 2.84 -3.24	106.86 2.47 -5.51	97.16 1.74 -3.36	84.26 0.90 -1.54	77.42 0.61 -0.20	71.46 0.36 -0.36
PYRITES___HYD 24023	84.52 3.33 0.00	79.50 3.35 0.00	76.84 3.66 0.00	76.10 3.49 0.00	80.88 3.33 0.00	88.31 4.13 0.00	123.12 6.42 0.00	138.25 6.96 0.00	101.52 2.38 0.00	79.70 1.33 0.00	81.93 8.71 0.00	69.58 2.42 0.00	72.49 8.17 0.00	70.92 7.94 0.00	70.65 7.40 0.00	72.79 4.63 0.00	81.44 0.65 0.00	106.67 1.58 0.00	121.15 2.61 0.00	101.45 2.57 0.00	94.17 2.12 0.00	83.87 2.05 0.00	80.29 3.68 0.00	80.79 10.05 0.00
QUAKERRD_115KV_BK1 80622	75.51 -5.68 0.00	70.67 -5.48 0.00	67.62 -5.56 0.00	67.31 -5.30 0.00	72.27 -5.27 0.00	78.96 -5.22 0.00	109.94 -6.77 0.00	122.89 -8.40 0.00	93.19 -5.95 0.00	72.96 -5.41 0.00	68.09 -5.13 0.00	62.39 -4.77 0.00	59.37 -4.95 0.00	58.20 -4.79 0.00	58.19 -5.06 0.00	62.64 -5.52 0.00	74.25 -6.54 0.00	97.42 -7.67 0.00	110.48 -8.06 0.00	92.35 -6.53 0.00	85.43 -6.63 0.00	75.60 -6.22 0.00	70.86 -5.75 0.00	65.44 -5.31 0.00
QUEENSBRY_115KV_TB8 356137	89.07 7.88 0.00	83.39 7.23 0.00	84.76 7.10 -4.48	82.54 7.12 -2.81	85.14 7.60 0.00	100.17 9.09 -6.90	171.19 12.95 -41.53	146.13 14.84 0.00	109.75 10.61 0.00	86.44 8.07 0.00	79.81 6.59 0.00	73.21 6.04 0.00	69.46 5.15 0.00	67.83 4.85 0.00	68.38 5.12 0.00	74.22 6.07 0.00	88.80 8.00 0.00	127.71 11.24 -11.38	187.22 13.16 -55.51	204.02 10.88 -94.27	159.38 9.85 -57.47	116.87 8.67 -26.38	87.84 7.89 -3.34	84.11 7.15 -6.22
RAMAPO___LBMP 323565	66.04 1.62 16.78	66.98 1.60 10.77	68.16 1.46 6.48	69.14 1.31 4.78	77.60 1.24 1.19	78.16 1.60 7.63	99.13 2.22 19.79	98.38 2.49 35.41	51.99 2.48 49.63	51.19 2.74 29.92	51.20 1.98 23.99	49.30 2.22 20.08	50.24 1.99 16.07	50.64 1.76 14.11	51.64 1.90 13.51	53.69 1.98 16.44	54.11 2.26 28.95	68.45 2.94 39.58	88.31 3.56 33.79	77.51 3.16 24.53	67.52 2.76 27.30	61.93 2.21 22.10	62.91 1.99 15.69	59.00 1.56 13.31
RANKINE____ 23646	75.51 -5.68 0.00	70.21 -5.94 0.00	67.25 -5.93 0.00	67.17 -5.45 0.00	72.35 -5.20 0.00	78.88 -5.30 0.00	109.82 -6.89 0.00	123.29 -8.01 0.00	93.59 -5.55 0.00	73.04 -5.33 0.00	68.53 -4.69 0.00	62.73 -4.43 0.00	59.49 -4.82 0.00	58.26 -4.72 0.00	58.13 -5.12 0.00	62.43 -5.73 0.00	73.61 -7.19 0.00	96.79 -8.30 0.00	110.13 -8.42 0.00	92.25 -6.62 0.00	85.15 -6.90 0.00	75.28 -6.55 0.00	70.94 -5.67 0.00	65.72 -5.02 0.00
RAVENSWOOD_GT2_1 24244	94.09 3.17 -9.74	85.37 2.97 -6.25	80.43 2.78 -4.47	78.37 2.54 -3.22	80.87 2.64 -0.69	92.83 3.11 -5.53	139.30 4.55 -18.05	156.95 5.12 -20.53	132.37 4.46 -28.77	100.11 4.39 -17.35	90.65 3.51 -13.91	82.49 3.69 -11.64	77.05 3.41 -9.32	74.31 3.15 -8.18	74.37 3.29 -7.83	81.17 3.48 -9.53	101.40 3.80 -16.80	134.81 4.94 -24.78	152.81 5.81 -28.46	133.28 5.14 -29.26	121.57 4.51 -25.00	102.61 3.76 -17.03	89.70 3.45 -9.64	82.36 2.90 -8.71

RAVENSWOOD_GT2_2 24245	94.09 3.17 -9.74	85.37 2.97 -6.25	80.43 2.78 -4.47	78.37 2.54 -3.22	80.87 2.64 -0.69	92.83 3.11 -5.53	139.30 4.55 -18.05	156.95 5.12 -20.53	132.37 4.46 -28.77	100.11 4.39 -17.35	90.65 3.51 -13.91	82.49 3.69 -11.64	77.05 3.41 -9.32	74.31 3.15 -8.18	74.37 3.29 -7.83	81.17 3.48 -9.53	101.40 3.80 -16.80	134.81 4.94 -24.78	152.81 5.81 -28.46	133.28 5.14 -29.26	121.57 4.51 -25.00	102.61 3.76 -17.03	89.70 3.45 -9.64	82.36 2.90 -8.71
RAVENSWOOD_GT2_3 24246	94.17 3.25 -9.74	85.44 3.05 -6.25	80.43 2.78 -4.47	78.44 2.61 -3.22	80.95 2.71 -0.69	92.83 3.11 -5.53	139.30 4.55 -18.05	157.08 5.25 -20.53	132.47 4.56 -28.77	100.19 4.47 -17.35	90.72 3.59 -13.91	82.56 3.76 -11.64	77.05 3.41 -9.32	74.31 3.15 -8.18	74.37 3.29 -7.83	81.17 3.48 -9.53	101.48 3.88 -16.80	134.92 5.04 -24.78	152.93 5.93 -28.46	133.28 5.14 -29.26	121.66 4.60 -25.00	102.69 3.85 -17.03	89.77 3.52 -9.64	82.43 2.97 -8.71
RAVENSWOOD_GT2_4 24247	94.17 3.25 -9.74	85.44 3.05 -6.25	80.43 2.78 -4.47	78.44 2.61 -3.22	80.95 2.71 -0.69	92.83 3.11 -5.53	139.30 4.55 -18.05	157.08 5.25 -20.53	132.47 4.56 -28.77	100.19 4.47 -17.35	90.72 3.59 -13.91	82.56 3.76 -11.64	77.05 3.41 -9.32	74.31 3.15 -8.18	74.37 3.29 -7.83	81.17 3.48 -9.53	101.48 3.88 -16.80	134.92 5.04 -24.78	152.93 5.93 -28.46	133.28 5.14 -29.26	121.66 4.60 -25.00	102.69 3.85 -17.03	89.77 3.52 -9.64	82.43 2.97 -8.71
RAVENSWOOD_GT3_1 24248	94.17 3.25 -9.74	85.37 2.97 -6.25	80.43 2.78 -4.47	78.44 2.61 -3.22	80.87 2.64 -0.69	92.83 3.11 -5.53	139.30 4.55 -18.05	156.95 5.12 -20.53	132.37 4.46 -28.77	100.19 4.47 -17.35	90.65 3.51 -13.91	82.49 3.69 -11.64	77.05 3.41 -9.32	74.31 3.15 -8.18	74.37 3.29 -7.83	81.17 3.48 -9.53	101.40 3.80 -16.80	134.92 5.04 -24.78	152.93 5.93 -28.46	133.28 5.14 -29.26	121.57 4.51 -25.00	102.61 3.76 -17.03	89.70 3.45 -9.64	82.36 2.90 -8.71
RAVENSWOOD_GT3_2 24249	94.17 3.25 -9.74	85.37 2.97 -6.25	80.43 2.78 -4.47	78.44 2.61 -3.22	80.87 2.64 -0.69	92.83 3.11 -5.53	139.30 4.55 -18.05	156.95 5.12 -20.53	132.37 4.46 -28.77	100.19 4.47 -17.35	90.65 3.51 -13.91	82.49 3.69 -11.64	77.05 3.41 -9.32	74.31 3.15 -8.18	74.37 3.29 -7.83	81.17 3.48 -9.53	101.40 3.80 -16.80	134.92 5.04 -24.78	152.93 5.93 -28.46	133.28 5.14 -29.26	121.57 4.51 -25.00	102.61 3.76 -17.03	89.70 3.45 -9.64	82.36 2.90 -8.71
RAVENSWOOD_GT3_3 24250	94.26 3.33 -9.74	85.52 3.12 -6.25	80.50 2.85 -4.47	78.51 2.69 -3.22	80.95 2.71 -0.69	92.91 3.20 -5.53	139.42 4.67 -18.05	157.21 5.38 -20.53	132.57 4.66 -28.77	100.26 4.55 -17.35	90.79 3.66 -13.91	82.63 3.83 -11.64	77.17 3.54 -9.32	74.38 3.21 -8.18	74.44 3.35 -7.83	81.23 3.54 -9.53	101.56 3.96 -16.80	135.02 5.15 -24.78	153.05 6.05 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.78 3.93 -17.03	89.85 3.60 -9.64	82.50 3.04 -8.71
RAVENSWOOD_GT3_4 24251	94.26 3.33 -9.74	85.52 3.12 -6.25	80.50 2.85 -4.47	78.51 2.69 -3.22	80.95 2.71 -0.69	92.91 3.20 -5.53	139.42 4.67 -18.05	157.21 5.38 -20.53	132.57 4.66 -28.77	100.26 4.55 -17.35	90.79 3.66 -13.91	82.63 3.83 -11.64	77.17 3.54 -9.32	74.38 3.21 -8.18	74.44 3.35 -7.83	81.23 3.54 -9.53	101.56 3.96 -16.80	135.02 5.15 -24.78	153.05 6.05 -28.46	133.48 5.34 -29.26	121.75 4.69 -25.00	102.78 3.93 -17.03	89.85 3.60 -9.64	82.50 3.04 -8.71
RAVENSWOOD_GT_1 23729	94.59 3.65 -9.74	85.83 3.43 -6.25	80.79 3.15 -4.47	78.81 2.98 -3.22	81.26 3.02 -0.69	93.33 3.62 -5.53	140.01 5.25 -18.06	157.74 5.91 -20.54	132.98 5.06 -28.78	100.59 4.86 -17.36	124.90 3.95 -47.73	96.23 4.10 -24.98	111.25 3.79 -43.14	108.44 3.46 -42.00	74.72 3.61 -7.86	95.32 3.82 -23.35	101.81 4.20 -16.81	135.34 5.46 -24.79	153.53 6.52 -28.46	133.68 5.54 -29.27	122.16 4.88 -25.22	106.07 4.25 -19.99	90.18 3.91 -9.66	82.81 3.33 -8.74
RAVENSWOOD_GT_10 24258	94.09 3.17 -9.73	85.37 2.97 -6.25	80.43 2.78 -4.47	78.37 2.54 -3.22	80.87 2.64 -0.69	92.83 3.11 -5.53	139.30 4.55 -18.05	156.94 5.12 -20.53	132.37 4.46 -28.77	100.11 4.39 -17.35	88.95 3.51 -12.22	81.82 3.69 -10.97	75.35 3.41 -7.62	72.56 3.09 -6.49	74.37 3.29 -7.83	80.41 3.41 -8.84	101.40 3.80 -16.80	134.81 4.94 -24.78	152.81 5.81 -28.46	133.28 5.14 -29.26	121.57 4.51 -25.00	102.61 3.76 -17.03	89.70 3.45 -9.64	82.36 2.90 -8.71
RAVENSWOOD_GT_11 24259	94.09 3.17 -9.73	85.37 2.97 -6.25	80.43 2.78 -4.47	78.37 2.54 -3.22	80.87 2.64 -0.69	92.83 3.11 -5.53	139.30 4.55 -18.05	156.94 5.12 -20.53	132.37 4.46 -28.77	100.11 4.39 -17.35	88.95 3.51 -12.22	81.82 3.69 -10.97	75.35 3.41 -7.62	72.56 3.09 -6.49	74.37 3.29 -7.83	80.41 3.41 -8.84	101.40 3.80 -16.80	134.81 4.94 -24.78	152.81 5.81 -28.46	133.28 5.14 -29.26	121.57 4.51 -25.00	102.61 3.76 -17.03	89.70 3.45 -9.64	82.36 2.90 -8.71
RAVENSWOOD_GT_4 24252	94.09 3.17 -9.73	85.29 2.89 -6.25	80.35 2.71 -4.47	78.37 2.54 -3.22	80.79 2.56 -0.69	92.74 3.03 -5.53	139.18 4.43 -18.04	156.81 4.99 -20.52	132.37 4.46 -28.77	100.10 4.39 -17.34	90.58 3.44 -13.92	82.43 3.63 -11.64	76.99 3.34 -9.32	74.26 3.09 -8.18	74.32 3.23 -7.84	81.10 3.41 -9.54	101.32 3.72 -16.81	134.82 4.94 -24.79	152.81 5.81 -28.46	133.19 5.04 -29.27	121.74 4.51 -25.17	104.77 3.68 -19.27	89.63 3.37 -9.64	82.29 2.83 -8.72
RAVENSWOOD_GT_5 24254	94.09 3.17 -9.73	85.29 2.89 -6.25	80.35 2.71 -4.47	78.37 2.54 -3.22	80.79 2.56 -0.69	92.74 3.03 -5.53	139.18 4.43 -18.04	156.81 4.99 -20.52	132.37 4.46 -28.77	100.10 4.39 -17.34	90.58 3.44 -13.92	82.43 3.63 -11.64	76.99 3.34 -9.32	74.26 3.09 -8.18	74.32 3.23 -7.84	81.10 3.41 -9.54	101.32 3.72 -16.81	134.82 4.94 -24.79	152.81 5.81 -28.46	133.19 5.04 -29.27	121.74 4.51 -25.17	104.77 3.68 -19.27	89.63 3.37 -9.64	82.29 2.83 -8.72
RAVENSWOOD_GT_6 24253	94.09 3.17 -9.73	85.29 2.89 -6.25	80.35 2.71 -4.47	78.37 2.54 -3.22	80.79 2.56 -0.69	92.74 3.03 -5.53	139.18 4.43 -18.04	156.81 4.99 -20.52	132.37 4.46 -28.77	100.10 4.39 -17.34	90.58 3.44 -13.92	82.43 3.63 -11.64	76.99 3.34 -9.32	74.26 3.09 -8.18	74.32 3.23 -7.84	81.10 3.41 -9.54	101.32 3.72 -16.81	134.82 4.94 -24.79	152.81 5.81 -28.46	133.19 5.04 -29.27	121.74 4.51 -25.17	104.77 3.68 -19.27	89.63 3.37 -9.64	82.29 2.83 -8.72
RAVENSWOOD_GT_7 24255	94.09 3.17 -9.73	85.29 2.89 -6.25	80.35 2.71 -4.47	78.37 2.54 -3.22	80.79 2.56 -0.69	92.74 3.03 -5.53	139.18 4.43 -18.04	156.81 4.99 -20.52	132.37 4.46 -28.77	100.10 4.39 -17.34	90.58 3.44 -13.92	82.43 3.63 -11.64	76.99 3.34 -9.32	74.26 3.09 -8.18	74.32 3.23 -7.84	81.10 3.41 -9.54	101.32 3.72 -16.81	134.82 4.94 -24.79	152.81 5.81 -28.46	133.19 5.04 -29.27	121.74 4.51 -25.17	104.77 3.68 -19.27	89.63 3.37 -9.64	82.29 2.83 -8.72
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	94.09 3.17 -9.73	85.37 2.97 -6.25	80.43 2.78 -4.47	78.37 2.54 -3.22	80.87 2.64 -0.69	92.83 3.11 -5.53	139.30 4.55 -18.05	156.94 5.12 -20.53	132.37 4.46 -28.77	100.11 4.39 -17.35	88.95 3.51 -12.22	81.82 3.69 -10.97	75.35 3.41 -7.62	72.56 3.09 -6.49	74.37 3.29 -7.83	80.41 3.41 -8.84	101.40 3.80 -16.80	134.81 4.94 -24.78	152.81 5.81 -28.46	133.28 5.14 -29.26	121.57 4.51 -25.00	102.61 3.76 -17.03	89.70 3.45 -9.64	82.36 2.90 -8.71

RAVENSWOOD_GT_9 24257	94.09 3.17 -9.73	85.37 2.97 -6.25	80.43 2.78 -4.47	78.37 2.54 -3.22	80.87 2.64 -0.69	92.83 3.11 -5.53	139.30 4.55 -18.05	156.94 5.12 -20.53	132.37 4.46 -28.77	100.11 4.39 -17.35	88.95 3.51 -12.22	81.82 3.69 -10.97	75.35 3.41 -7.62	72.56 3.09 -6.49	74.37 3.29 -7.83	80.41 3.41 -8.84	101.40 3.80 -16.80	134.81 4.94 -24.78	152.81 5.81 -28.46	133.28 5.14 -29.26	121.57 4.51 -25.00	102.61 3.76 -17.03	89.70 3.45 -9.64	82.36 2.90 -8.71
RAVENSWOOD___1 23533	94.34 3.41 -9.74	85.52 3.12 -6.25	80.50 2.85 -4.47	78.30 2.47 -3.22	81.02 2.79 -0.69	92.91 3.20 -5.53	139.55 4.79 -18.06	157.47 5.64 -20.54	132.58 4.66 -28.78	100.43 4.70 -17.36	107.89 3.95 -30.72	89.39 3.96 -18.26	94.30 3.86 -26.13	91.56 3.59 -24.99	74.76 3.67 -7.84	88.37 3.81 -16.40	101.88 4.28 -16.80	135.75 5.88 -24.78	153.75 6.75 -28.46	134.07 5.93 -29.26	122.21 5.15 -25.00	103.27 4.42 -17.03	90.24 3.98 -9.65	83.07 3.61 -8.72
RAVENSWOOD___2 23534	94.34 3.41 -9.74	85.52 3.12 -6.25	80.43 2.78 -4.47	78.30 2.47 -3.22	81.02 2.79 -0.69	92.91 3.20 -5.53	139.55 4.79 -18.06	157.35 5.51 -20.54	132.58 4.66 -28.78	100.35 4.62 -17.36	107.83 3.95 -30.66	89.36 3.96 -18.24	94.18 3.79 -26.06	91.43 3.53 -24.92	74.76 3.67 -7.84	88.27 3.75 -16.37	101.88 4.28 -16.80	135.75 5.88 -24.78	153.63 6.63 -28.46	134.07 5.93 -29.26	122.21 5.15 -25.00	103.27 4.42 -17.03	90.24 3.98 -9.65	83.07 3.61 -8.72
RAVENSWOOD___3 23535	94.01 3.08 -9.74	85.29 2.89 -6.25	80.28 2.63 -4.47	78.08 2.25 -3.22	80.79 2.56 -0.69	92.58 2.86 -5.53	138.95 4.20 -18.05	156.81 4.99 -20.53	132.17 4.26 -28.77	100.03 4.31 -17.35	90.72 3.59 -13.91	82.42 3.62 -11.64	77.11 3.47 -9.32	74.37 3.21 -8.18	74.44 3.35 -7.83	81.10 3.41 -9.53	101.56 3.96 -16.80	135.23 5.36 -24.78	153.16 6.16 -28.46	133.67 5.53 -29.26	121.84 4.78 -25.00	102.86 4.01 -17.03	89.77 3.53 -9.64	82.71 3.26 -8.71
RAVENSWOOD___4 23820	94.26 3.33 -9.74	85.45 3.05 -6.25	80.43 2.78 -4.47	78.22 2.39 -3.22	80.94 2.71 -0.69	92.83 3.12 -5.53	139.55 4.79 -18.05	157.34 5.51 -20.54	132.48 4.56 -28.78	100.35 4.62 -17.35	91.08 3.95 -13.90	82.75 3.96 -11.63	77.42 3.79 -9.31	74.68 3.53 -8.17	74.74 3.67 -7.83	81.43 3.75 -9.52	101.87 4.28 -16.79	135.74 5.88 -24.77	153.63 6.63 -28.45	133.96 5.83 -29.25	121.90 5.06 -24.78	100.36 4.42 -14.12	90.15 3.90 -9.63	82.98 3.54 -8.70
RCPL_TRUST___DRP 24196	94.22 3.25 -9.78	85.40 2.97 -6.27	80.44 2.78 -4.48	78.45 2.61 -3.23	80.87 2.64 -0.69	92.85 3.11 -5.55	139.36 4.55 -18.11	157.16 5.25 -20.62	132.70 4.66 -28.90	100.34 4.55 -17.42	90.78 3.59 -13.97	82.61 3.76 -11.69	77.15 3.47 -9.36	74.35 3.15 -8.21	74.41 3.29 -7.87	81.21 3.48 -9.57	101.55 3.88 -16.87	135.12 5.15 -24.88	153.02 5.93 -28.55	133.46 5.24 -29.34	121.74 4.60 -25.08	102.67 3.76 -17.09	89.81 3.52 -9.68	82.39 2.90 -8.75
RED___ROCHESTER 323720	77.05 -4.14 0.00	71.81 -4.34 0.00	68.86 -4.32 0.00	68.26 -4.35 0.00	73.67 -3.87 0.00	80.73 -3.46 0.00	112.51 -4.20 0.00	125.52 -5.77 0.00	95.37 -3.77 0.00	74.77 -3.60 0.00	69.71 -3.51 0.00	63.94 -3.22 0.00	60.72 -3.60 0.00	59.58 -3.40 0.00	59.46 -3.79 0.00	64.20 -3.95 0.00	75.95 -4.85 0.00	99.94 -5.15 0.00	113.80 -4.75 0.00	94.73 -4.15 0.00	87.46 -4.60 0.00	76.99 -4.83 0.00	72.25 -4.36 0.00	66.72 -4.03 0.00
REGAN___SOLAR 323812	87.93 6.74 0.00	82.40 6.25 0.00	83.85 6.00 -4.67	81.42 5.88 -2.93	84.13 6.59 0.00	99.04 7.58 -7.28	171.08 11.09 -43.28	143.78 12.48 0.00	107.07 7.93 0.00	83.39 5.02 0.00	77.39 4.17 0.00	70.72 3.56 0.00	67.53 3.21 0.00	66.26 3.27 0.00	66.67 3.41 0.00	72.31 4.16 0.00	86.86 6.06 0.00	125.94 8.93 -11.93	188.00 11.27 -58.19	206.97 9.29 -98.81	160.75 8.46 -60.24	116.67 7.20 -27.65	86.55 6.44 -3.50	82.99 5.73 -6.52
RENSSELAER___COGEN 23796	84.11 2.92 0.00	78.97 2.82 0.00	78.29 2.63 -2.48	76.64 2.47 -1.56	80.26 2.71 0.00	91.00 2.94 -3.87	143.60 3.85 -23.05	135.23 3.94 0.00	102.11 2.97 0.00	81.27 2.90 0.00	75.71 2.49 0.00	69.58 2.41 0.00	66.51 2.19 0.00	65.00 2.01 0.00	65.40 2.15 0.00	70.54 2.38 0.00	83.62 2.83 0.00	115.12 3.68 -6.35	153.67 4.15 -30.98	155.14 3.66 -52.60	127.43 3.31 -32.07	99.40 2.86 -14.72	81.31 2.84 -1.86	76.97 2.76 -3.47
REPUBLIC_115KV_BARTNBRK 55605	92.31 11.12 0.00	86.36 10.20 0.00	87.67 10.03 -4.46	85.43 10.02 -2.80	88.32 10.78 0.00	103.78 12.71 -6.88	176.66 18.56 -41.40	152.57 21.27 0.00	114.21 15.07 0.00	89.58 11.21 0.00	82.67 9.45 0.00	75.63 8.46 0.00	71.39 7.07 0.00	69.66 6.68 0.00	70.27 7.02 0.00	76.81 8.66 0.00	92.27 11.47 0.00	132.62 16.18 -11.35	192.86 18.97 -55.35	208.39 15.52 -93.99	163.72 14.36 -57.30	120.40 12.27 -26.30	90.97 11.03 -3.33	86.78 9.83 -6.20
REVERE_CPFR_DRP 24186	84.36 3.17 0.00	79.04 2.89 0.00	75.96 2.78 0.00	75.52 2.90 0.00	80.72 3.18 0.00	87.89 3.70 0.00	122.77 6.07 0.00	137.99 6.70 0.00	103.70 4.56 0.00	81.27 2.90 0.00	75.86 2.64 0.00	69.04 1.88 0.00	66.31 1.99 0.00	64.94 1.95 0.00	65.02 1.77 0.00	69.93 1.77 0.00	83.22 2.42 0.00	109.29 4.20 0.00	124.23 5.69 0.00	103.62 4.75 0.00	96.20 4.14 0.00	85.01 3.19 0.00	79.37 2.76 0.00	73.29 2.55 0.00
REYNOLDS_115KV_TB3 80639	84.19 3.00 0.00	79.04 2.89 0.00	78.76 2.78 -2.80	77.13 2.76 -1.76	80.41 2.87 0.00	91.66 3.11 -4.36	146.51 3.85 -25.95	135.37 4.07 0.00	102.31 3.17 0.00	81.58 3.21 0.00	75.86 2.64 0.00	69.78 2.62 0.00	66.70 2.38 0.00	65.19 2.20 0.00	65.59 2.34 0.00	70.81 2.66 0.00	83.79 2.99 0.00	116.02 3.78 -7.15	157.57 4.15 -34.88	161.76 3.66 -59.23	131.57 3.41 -36.11	101.42 3.03 -16.57	81.77 3.06 -2.10	77.48 2.83 -3.91
RIVERBAY____ 323610	95.32 4.38 -9.74	86.59 4.19 -6.25	81.60 3.95 -4.47	79.68 3.85 -3.22	82.26 4.03 -0.69	94.26 4.55 -5.53	140.95 6.19 -18.06	158.40 6.56 -20.54	133.37 5.45 -28.78	100.59 4.86 -17.36	90.95 3.81 -13.92	82.77 3.96 -11.64	77.25 3.60 -9.33	74.45 3.28 -8.19	74.51 3.42 -7.84	81.38 3.68 -9.54	101.80 4.20 -16.80	135.23 5.36 -24.78	153.64 6.64 -28.46	133.87 5.73 -29.26	122.12 5.06 -25.00	103.27 4.42 -17.03	90.62 4.37 -9.65	83.14 3.68 -8.72
RIVERSIDE_115KV_TB3 55908	84.36 3.17 0.00	79.12 2.97 0.00	78.84 2.85 -2.80	77.13 2.76 -1.76	80.49 2.95 0.00	91.76 3.20 -4.37	146.81 4.08 -26.02	135.63 4.33 0.00	102.51 3.37 0.00	81.66 3.29 0.00	75.86 2.64 0.00	69.85 2.69 0.00	66.70 2.38 0.00	65.25 2.27 0.00	65.66 2.40 0.00	70.81 2.66 0.00	83.87 3.07 0.00	116.25 3.99 -7.17	157.90 4.39 -34.97	162.02 3.76 -59.38	131.76 3.50 -36.20	101.55 3.11 -16.62	81.85 3.14 -2.10	77.56 2.90 -3.92
ROARING___BROOK_WT_PWR 323790	81.52 0.33 0.00	76.53 0.38 0.00	73.69 0.52 0.00	73.26 0.65 0.00	77.93 0.39 0.00	84.35 0.17 0.00	116.94 0.23 0.00	131.69 0.40 0.00	99.34 0.20 0.00	78.53 0.16 0.00	73.51 0.29 0.00	67.36 0.20 0.00	64.58 0.26 0.00	63.24 0.25 0.00	63.51 0.25 0.00	68.36 0.21 0.00	80.96 0.16 0.00	104.98 -0.10 0.00	118.07 -0.47 0.00	98.29 -0.59 0.00	91.51 -0.55 0.00	81.41 -0.41 0.00	76.15 -0.46 0.00	70.25 -0.49 0.00

ROCHESRG_115KV_T4 355643	76.16 -5.03 0.00	71.13 -5.03 0.00	68.06 -5.12 0.00	67.82 -4.79 0.00	72.89 -4.65 0.00	79.55 -4.63 0.00	110.75 -5.95 0.00	123.81 -7.48 0.00	93.89 -5.25 0.00	73.51 -4.86 0.00	68.61 -4.61 0.00	62.86 -4.30 0.00	59.82 -4.50 0.00	58.64 -4.35 0.00	58.63 -4.62 0.00	63.05 -5.11 0.00	74.66 -6.14 0.00	97.94 -7.15 0.00	111.08 -7.47 0.00	92.95 -5.93 0.00	85.98 -6.08 0.00	76.09 -5.73 0.00	71.40 -5.21 0.00	66.08 -4.67 0.00
ROCHESTER_9_IC 23652	76.56 -4.63 0.00	71.58 -4.57 0.00	68.42 -4.76 0.00	68.18 -4.43 0.00	73.28 -4.26 0.00	80.06 -4.13 0.00	111.45 -5.25 0.00	124.60 -6.70 0.00	94.58 -4.56 0.00	73.98 -4.39 0.00	69.05 -4.17 0.00	63.27 -3.90 0.00	60.14 -4.18 0.00	59.02 -3.97 0.00	58.95 -4.30 0.00	63.45 -4.70 0.00	75.14 -5.66 0.00	98.57 -6.52 0.00	111.91 -6.64 0.00	93.54 -5.34 0.00	86.53 -5.52 0.00	76.59 -5.24 0.00	71.86 -4.75 0.00	66.43 -4.32 0.00
ROCKVIEW_13_KV_LD 356306	94.18 3.25 -9.75	85.45 3.05 -6.25	80.50 2.85 -4.47	78.52 2.69 -3.22	81.02 2.79 -0.69	92.92 3.20 -5.53	139.44 4.67 -18.06	157.10 5.25 -20.55	132.51 4.56 -28.81	100.20 4.47 -17.37	90.74 3.59 -13.93	82.51 3.69 -11.65	77.06 3.41 -9.33	74.26 3.09 -8.19	74.32 3.23 -7.84	81.18 3.48 -9.54	101.58 3.96 -16.82	135.05 5.15 -24.81	153.07 6.05 -28.48	133.50 5.34 -29.28	121.77 4.69 -25.02	102.71 3.85 -17.04	89.78 3.52 -9.65	82.44 2.97 -8.72
ROME____115KV_TB2 80656	84.36 3.17 0.00	79.04 2.89 0.00	75.96 2.78 0.00	75.52 2.90 0.00	80.72 3.18 0.00	87.89 3.70 0.00	122.77 6.07 0.00	137.99 6.70 0.00	103.70 4.56 0.00	81.27 2.90 0.00	75.86 2.64 0.00	69.04 1.88 0.00	66.31 1.99 0.00	64.94 1.95 0.00	65.02 1.77 0.00	69.93 1.77 0.00	83.22 2.42 0.00	109.29 4.20 0.00	124.23 5.69 0.00	103.62 4.75 0.00	96.20 4.14 0.00	85.01 3.19 0.00	79.37 2.76 0.00	73.29 2.55 0.00
ROSETON___1 23587	83.46 2.27 0.00	78.36 2.21 0.00	75.60 1.98 -0.44	74.63 1.74 -0.28	79.48 1.94 0.00	87.06 2.19 -0.69	123.72 2.92 -4.09	134.58 3.28 0.00	102.11 2.97 0.00	81.42 3.05 0.00	75.78 2.56 0.00	69.71 2.55 0.00	66.76 2.44 0.00	65.25 2.26 0.00	65.66 2.40 0.00	70.61 2.45 0.00	83.70 2.90 0.00	110.11 3.89 -1.13	128.56 4.50 -5.52	112.39 4.15 -9.36	101.35 3.59 -5.71	87.38 2.94 -2.62	79.55 2.61 -0.33	73.84 2.47 -0.62
ROSETON___2 23588	83.46 2.27 0.00	78.36 2.21 0.00	75.60 1.98 -0.44	74.63 1.74 -0.28	79.48 1.94 0.00	87.06 2.19 -0.69	123.72 2.92 -4.09	134.58 3.28 0.00	102.11 2.97 0.00	81.42 3.05 0.00	75.78 2.56 0.00	69.71 2.55 0.00	66.76 2.44 0.00	65.25 2.26 0.00	65.66 2.40 0.00	70.61 2.45 0.00	83.70 2.90 0.00	110.11 3.89 -1.13	128.56 4.50 -5.52	112.39 4.15 -9.36	101.35 3.59 -5.71	87.38 2.94 -2.62	79.55 2.61 -0.33	73.84 2.47 -0.62
ROTRRDAM_115KV_TB3 80664	83.55 2.35 0.00	78.36 2.21 0.00	80.42 2.12 -5.12	77.93 2.11 -3.21	79.79 2.25 0.00	94.69 2.53 -7.98	167.55 3.38 -47.46	135.10 3.81 0.00	101.92 2.78 0.00	80.72 2.35 0.00	75.05 1.83 0.00	68.98 1.81 0.00	65.93 1.61 0.00	64.50 1.51 0.00	64.90 1.64 0.00	70.07 1.91 0.00	83.14 2.34 0.00	121.32 3.15 -13.08	186.02 3.67 -63.80	210.48 3.26 -108.34	161.05 2.95 -66.05	114.67 2.54 -30.32	82.90 2.45 -3.84	80.09 2.19 -7.15
RUSSELL___1 23602	76.89 -4.30 0.00	71.89 -4.26 0.00	68.71 -4.46 0.00	68.47 -4.14 0.00	73.59 -3.95 0.00	80.40 -3.79 0.00	111.92 -4.78 0.00	125.12 -6.17 0.00	95.07 -4.06 0.00	74.37 -4.00 0.00	69.49 -3.73 0.00	63.67 -3.49 0.00	60.46 -3.86 0.00	59.33 -3.65 0.00	59.27 -3.98 0.00	63.79 -4.36 0.00	75.63 -5.17 0.00	99.20 -5.89 0.00	112.50 -6.05 0.00	94.13 -4.75 0.00	87.08 -4.97 0.00	77.08 -4.75 0.00	72.24 -4.37 0.00	66.71 -4.03 0.00
RUSSELL___2 23532	76.89 -4.30 0.00	71.89 -4.26 0.00	68.71 -4.46 0.00	68.47 -4.14 0.00	73.59 -3.95 0.00	80.40 -3.79 0.00	111.92 -4.78 0.00	125.12 -6.17 0.00	95.07 -4.06 0.00	74.37 -4.00 0.00	69.49 -3.73 0.00	63.67 -3.49 0.00	60.46 -3.86 0.00	59.33 -3.65 0.00	59.27 -3.98 0.00	63.79 -4.36 0.00	75.63 -5.17 0.00	99.20 -5.89 0.00	112.50 -6.05 0.00	94.13 -4.75 0.00	87.08 -4.97 0.00	77.08 -4.75 0.00	72.24 -4.37 0.00	66.71 -4.03 0.00
RUSSELL___3 23549	76.89 -4.30 0.00	71.89 -4.26 0.00	68.71 -4.46 0.00	68.47 -4.14 0.00	73.59 -3.95 0.00	80.40 -3.79 0.00	111.92 -4.78 0.00	125.12 -6.17 0.00	95.07 -4.06 0.00	74.37 -4.00 0.00	69.49 -3.73 0.00	63.67 -3.49 0.00	60.46 -3.86 0.00	59.33 -3.65 0.00	59.27 -3.98 0.00	63.79 -4.36 0.00	75.63 -5.17 0.00	99.20 -5.89 0.00	112.50 -6.05 0.00	94.13 -4.75 0.00	87.08 -4.97 0.00	77.08 -4.75 0.00	72.24 -4.37 0.00	66.71 -4.03 0.00
RUSSELL___4 23556	76.89 -4.30 0.00	71.89 -4.26 0.00	68.71 -4.46 0.00	68.47 -4.14 0.00	73.59 -3.95 0.00	80.40 -3.79 0.00	111.92 -4.78 0.00	125.12 -6.17 0.00	95.07 -4.06 0.00	74.37 -4.00 0.00	69.49 -3.73 0.00	63.67 -3.49 0.00	60.46 -3.86 0.00	59.33 -3.65 0.00	59.27 -3.98 0.00	63.79 -4.36 0.00	75.63 -5.17 0.00	99.20 -5.89 0.00	112.50 -6.05 0.00	94.13 -4.75 0.00	87.08 -4.97 0.00	77.08 -4.75 0.00	72.24 -4.37 0.00	66.71 -4.03 0.00
RUSSELL___STATION 23914	76.89 -4.30 0.00	71.89 -4.26 0.00	68.71 -4.46 0.00	68.47 -4.14 0.00	73.59 -3.95 0.00	80.40 -3.79 0.00	111.92 -4.78 0.00	125.12 -6.17 0.00	95.07 -4.06 0.00	74.37 -4.00 0.00	69.49 -3.73 0.00	63.67 -3.49 0.00	60.46 -3.86 0.00	59.33 -3.65 0.00	59.27 -3.98 0.00	63.79 -4.36 0.00	75.63 -5.17 0.00	99.20 -5.89 0.00	112.50 -6.05 0.00	94.13 -4.75 0.00	87.08 -4.97 0.00	77.08 -4.75 0.00	72.24 -4.37 0.00	66.71 -4.03 0.00
S SALMON___HYD 24043	81.60 0.41 0.00	76.38 0.23 0.00	73.33 0.15 0.00	72.83 0.22 0.00	77.78 0.23 0.00	84.94 0.76 0.00	118.81 2.10 0.00	132.88 1.58 0.00	99.64 0.50 0.00	77.98 -0.39 0.00	72.42 -0.80 0.00	66.76 -0.40 0.00	63.61 -0.71 0.00	62.23 -0.75 0.00	62.18 -1.08 0.00	67.06 -1.09 0.00	79.42 -1.37 0.00	104.36 -0.73 0.00	119.14 0.60 0.00	99.58 0.70 0.00	92.33 0.28 0.00	81.41 -0.41 0.00	75.92 -0.69 0.00	70.04 -0.71 0.00
S.PERRY__115KV_TB1 80734	79.65 -1.54 0.00	74.40 -1.75 0.00	71.20 -1.98 0.00	70.94 -1.67 0.00	76.30 -1.24 0.00	83.68 -0.51 0.00	117.05 0.35 0.00	130.38 -0.92 0.00	97.16 -1.98 0.00	75.16 -3.21 0.00	69.78 -3.44 0.00	63.74 -3.43 0.00	60.52 -3.79 0.00	59.21 -3.78 0.00	59.20 -4.05 0.00	63.79 -4.36 0.00	76.19 -4.61 0.00	101.17 -4.20 -0.28	117.67 -2.25 -1.37	100.32 -0.89 -2.33	92.01 -1.47 -1.42	80.35 -2.13 -0.65	74.47 -2.22 -0.08	68.71 -2.19 -0.15
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	74.37 -6.82 0.00	69.15 -7.01 0.00	66.15 -7.03 0.00	66.08 -6.54 0.00	71.26 -6.28 0.00	77.70 -6.48 0.00	107.95 -8.75 0.00	120.92 -10.37 0.00	91.90 -7.24 0.00	71.79 -6.58 0.00	67.22 -6.00 0.00	61.59 -5.57 0.00	58.40 -5.92 0.00	57.25 -5.73 0.00	57.18 -6.07 0.00	61.34 -6.82 0.00	72.23 -8.56 0.00	94.90 -10.19 0.00	107.99 -10.55 0.00	90.37 -8.50 0.00	83.59 -8.47 0.00	73.97 -7.85 0.00	69.79 -6.82 0.00	64.73 -6.01 0.00

SAWYER___23_KV_LOAD 55526	74.37 -6.82 0.00	69.15 -7.01 0.00	66.15 -7.03 0.00	66.08 -6.54 0.00	71.26 -6.28 0.00	77.70 -6.48 0.00	107.95 -8.75 0.00	120.92 -10.37 0.00	91.90 -7.24 0.00	71.79 -6.58 0.00	67.22 -6.00 0.00	61.59 -5.57 0.00	58.40 -5.92 0.00	57.25 -5.73 0.00	57.18 -6.07 0.00	61.34 -6.82 0.00	72.23 -8.56 0.00	94.90 -10.19 0.00	107.99 -10.55 0.00	90.37 -8.50 0.00	83.59 -8.47 0.00	73.97 -7.85 0.00	69.79 -6.82 0.00	64.73 -6.01 0.00
SELKIRK___I 23801	84.20 3.01 0.00	79.04 2.89 0.00	77.65 2.63 -1.84	76.24 2.47 -1.16	80.26 2.71 0.00	90.01 2.94 -2.88	137.66 3.85 -17.11	135.23 3.94 0.00	101.91 2.77 0.00	80.80 2.43 0.00	75.27 2.05 0.00	69.11 1.95 0.00	66.06 1.74 0.00	64.62 1.63 0.00	65.02 1.77 0.00	70.20 2.04 0.00	83.38 2.58 0.00	113.17 3.36 -4.71	145.45 3.91 -23.00	141.39 3.46 -39.05	119.00 3.13 -23.81	95.45 2.70 -10.93	80.75 2.75 -1.38	75.94 2.62 -2.58
SELKIRK___II 23799	83.71 2.52 0.00	78.51 2.36 0.00	77.35 2.19 -1.98	75.89 2.03 -1.24	79.79 2.25 0.00	89.71 2.44 -3.09	138.21 3.15 -18.36	134.70 3.41 0.00	101.71 2.57 0.00	80.88 2.51 0.00	75.34 2.12 0.00	69.18 2.01 0.00	66.18 1.87 0.00	64.75 1.76 0.00	65.09 1.84 0.00	70.20 2.04 0.00	83.22 2.42 0.00	113.20 3.05 -5.06	146.77 3.55 -24.68	143.95 3.16 -41.91	120.46 2.86 -25.55	96.00 2.45 -11.73	80.55 2.45 -1.48	75.84 2.33 -2.76
SENECA OSWGO___HYD 24041	80.63 -0.56 0.00	75.39 -0.76 0.00	72.38 -0.80 0.00	71.74 -0.87 0.00	76.84 -0.70 0.00	83.93 -0.25 0.00	117.06 0.35 0.00	131.03 -0.26 0.00	98.65 -0.49 0.00	77.51 -0.86 0.00	71.97 -1.25 0.00	65.96 -1.21 0.00	62.90 -1.42 0.00	61.54 -1.45 0.00	61.61 -1.64 0.00	66.52 -1.64 0.00	79.18 -1.62 0.00	103.72 -1.37 0.00	118.07 -0.47 0.00	98.48 -0.39 0.00	91.32 -0.74 0.00	80.60 -1.23 0.00	75.15 -1.46 0.00	69.33 -1.41 0.00
SENECA___115KV_TB3 355854	75.67 -5.52 0.00	70.36 -5.79 0.00	67.32 -5.85 0.00	67.24 -5.37 0.00	72.50 -5.04 0.00	79.05 -5.14 0.00	109.94 -6.77 0.00	123.55 -7.75 0.00	93.79 -5.35 0.00	73.20 -5.17 0.00	68.61 -4.61 0.00	62.86 -4.30 0.00	59.56 -4.76 0.00	58.39 -4.60 0.00	58.26 -5.00 0.00	62.50 -5.66 0.00	73.69 -7.11 0.00	97.00 -8.09 0.00	110.36 -8.18 0.00	92.35 -6.53 0.00	85.34 -6.72 0.00	75.44 -6.38 0.00	71.02 -5.59 0.00	65.86 -4.88 0.00
SENECA___ENERGY 23797	79.08 -2.11 0.00	73.94 -2.21 0.00	70.99 -2.19 0.00	70.36 -2.25 0.00	75.61 -1.94 0.00	82.58 -1.60 0.00	115.07 -1.63 0.00	128.53 -2.76 0.00	96.76 -2.38 0.00	76.33 -2.04 0.00	71.03 -2.19 0.00	65.01 -2.15 0.00	61.94 -2.38 0.00	60.59 -2.39 0.00	60.72 -2.53 0.00	65.50 -2.66 0.00	77.97 -2.83 0.00	101.94 -3.15 0.00	116.29 -2.26 0.00	97.10 -1.78 0.00	89.94 -2.11 0.00	79.20 -2.62 0.00	74.16 -2.45 0.00	68.34 -2.41 0.00
SHOEMAKER___GT 23640	72.29 1.78 10.69	71.05 1.75 6.86	70.73 1.54 3.99	70.96 1.31 2.96	78.34 1.55 0.75	81.31 1.77 4.64	107.69 2.33 11.34	111.37 2.62 22.55	69.81 2.28 31.61	61.59 2.27 19.06	59.77 1.83 15.28	56.24 1.81 12.74	55.82 1.74 10.24	55.57 1.58 8.98	56.36 1.71 8.61	59.45 1.77 10.47	64.54 2.18 18.44	83.38 3.15 24.86	102.51 3.79 19.82	89.60 3.46 12.73	79.47 3.03 15.62	70.93 2.37 13.27	68.79 2.07 9.89	64.37 1.91 8.28
SHOEMAKR_138KV_BK 111 55601	72.75 1.79 10.23	71.26 1.68 6.56	70.91 1.54 3.80	71.24 1.45 2.82	78.29 1.47 0.72	81.53 1.77 4.42	108.44 2.45 10.72	112.34 2.63 21.58	71.27 2.38 30.25	62.48 2.35 18.24	60.28 1.68 14.63	56.85 1.88 12.20	56.19 1.67 9.80	55.83 1.45 8.60	56.66 1.64 8.24	59.91 1.77 10.02	65.17 2.02 17.64	84.18 2.84 23.75	103.20 3.44 18.78	90.07 3.07 11.87	80.06 2.76 14.76	71.42 2.21 12.61	69.22 2.07 9.46	64.47 1.63 7.91
SHOREHAM_IC_1 23715	95.01 3.98 -9.84	86.58 4.11 -6.32	83.77 3.88 -6.72	86.96 3.63 -10.72	87.06 4.11 -5.41	103.50 4.80 -14.52	140.62 5.72 -18.20	157.96 5.91 -20.75	133.38 5.15 -29.09	100.22 4.31 -17.54	90.50 3.22 -14.06	82.08 3.16 -11.76	77.47 3.73 -9.42	74.65 3.40 -8.27	74.97 3.79 -7.92	81.68 3.88 -9.64	102.14 4.36 -16.98	138.01 7.89 -25.04	155.79 8.54 -28.70	136.85 8.50 -29.47	131.09 7.45 -31.58	121.83 5.97 -34.04	98.22 5.28 -16.33	103.23 5.52 -26.96
SHOREHAM_IC_2 23716	95.01 3.98 -9.84	86.58 4.11 -6.32	83.77 3.88 -6.72	86.96 3.63 -10.72	87.06 4.11 -5.41	103.50 4.80 -14.52	140.62 5.72 -18.20	157.96 5.91 -20.75	133.38 5.15 -29.09	100.22 4.31 -17.54	90.50 3.22 -14.06	82.08 3.16 -11.76	77.47 3.73 -9.42	74.65 3.40 -8.27	74.97 3.79 -7.92	81.68 3.88 -9.64	102.14 4.36 -16.98	138.01 7.89 -25.04	155.79 8.54 -28.70	136.85 8.50 -29.47	131.09 7.45 -31.58	121.83 5.97 -34.04	98.22 5.28 -16.33	103.23 5.52 -26.96
SISSONVILLE____ 23735	82.98 1.79 0.00	78.05 1.90 0.00	75.37 2.20 0.00	74.65 2.03 0.00	79.25 1.71 0.00	85.53 1.35 0.00	118.81 2.10 0.00	133.79 2.49 0.00	98.84 -0.30 0.00	77.98 -0.39 0.00	80.69 7.47 0.00	68.57 1.41 0.00	71.46 7.14 0.00	69.98 6.99 0.00	69.70 6.45 0.00	71.70 3.54 0.00	79.83 -0.97 0.00	104.04 -1.05 0.00	117.48 -1.07 0.00	98.09 -0.79 0.00	91.14 -0.92 0.00	81.33 -0.49 0.00	78.07 1.46 0.00	78.95 8.21 0.00
SITHE_IND_GS1 24169	77.78 -3.41 0.00	72.80 -3.35 0.00	69.96 -3.22 0.00	69.35 -3.27 0.00	74.21 -3.33 0.00	80.81 -3.37 0.00	112.27 -4.43 0.00	125.65 -5.64 0.00	94.88 -4.26 0.00	74.85 -3.53 0.00	69.78 -3.44 0.00	64.01 -3.16 0.00	61.17 -3.15 0.00	59.90 -3.08 0.00	60.09 -3.16 0.00	64.75 -3.41 0.00	76.84 -3.96 0.00	100.36 -4.73 0.00	113.57 -4.97 0.00	94.73 -4.15 0.00	88.01 -4.05 0.00	77.90 -3.93 0.00	72.93 -3.68 0.00	67.28 -3.46 0.00
SITHE_IND_GS2 24170	77.78 -3.41 0.00	72.80 -3.35 0.00	69.96 -3.22 0.00	69.35 -3.27 0.00	74.21 -3.33 0.00	80.81 -3.37 0.00	112.27 -4.43 0.00	125.65 -5.64 0.00	94.88 -4.26 0.00	74.85 -3.53 0.00	69.78 -3.44 0.00	64.01 -3.16 0.00	61.17 -3.15 0.00	59.90 -3.08 0.00	60.09 -3.16 0.00	64.75 -3.41 0.00	76.84 -3.96 0.00	100.36 -4.73 0.00	113.57 -4.97 0.00	94.73 -4.15 0.00	88.01 -4.05 0.00	77.90 -3.93 0.00	72.93 -3.68 0.00	67.28 -3.46 0.00
SITHE_IND_GS3 24171	77.78 -3.41 0.00	72.80 -3.35 0.00	69.96 -3.22 0.00	69.35 -3.27 0.00	74.21 -3.33 0.00	80.81 -3.37 0.00	112.27 -4.43 0.00	125.65 -5.64 0.00	94.88 -4.26 0.00	74.85 -3.53 0.00	69.78 -3.44 0.00	64.01 -3.16 0.00	61.17 -3.15 0.00	59.90 -3.08 0.00	60.09 -3.16 0.00	64.75 -3.41 0.00	76.84 -3.96 0.00	100.36 -4.73 0.00	113.57 -4.97 0.00	94.73 -4.15 0.00	88.01 -4.05 0.00	77.90 -3.93 0.00	72.93 -3.68 0.00	67.28 -3.46 0.00
SITHE_IND_GS4 24172	77.78 -3.41 0.00	72.80 -3.35 0.00	69.96 -3.22 0.00	69.35 -3.27 0.00	74.21 -3.33 0.00	80.81 -3.37 0.00	112.27 -4.43 0.00	125.65 -5.64 0.00	94.88 -4.26 0.00	74.85 -3.53 0.00	69.78 -3.44 0.00	64.01 -3.16 0.00	61.17 -3.15 0.00	59.90 -3.08 0.00	60.09 -3.16 0.00	64.75 -3.41 0.00	76.84 -3.96 0.00	100.36 -4.73 0.00	113.57 -4.97 0.00	94.73 -4.15 0.00	88.01 -4.05 0.00	77.90 -3.93 0.00	72.93 -3.68 0.00	67.28 -3.46 0.00

SITHE___BATAVIA 24024	75.91 -5.28 0.00	70.52 -5.63 0.00	67.61 -5.56 0.00	67.09 -5.52 0.00	72.66 -4.88 0.00	79.98 -4.21 0.00	112.74 -3.97 0.00	125.91 -5.39 0.00	95.37 -3.77 0.00	74.21 -4.16 0.00	69.12 -4.10 0.00	63.34 -3.83 0.00	59.69 -4.63 0.00	58.57 -4.41 0.00	58.38 -4.87 0.00	63.04 -5.11 0.00	74.33 -6.47 0.00	98.47 -6.62 0.00	112.97 -5.57 0.00	94.04 -4.84 0.00	86.62 -5.43 0.00	76.01 -5.81 0.00	71.48 -5.13 0.00	66.01 -4.74 0.00
SITHE___INDEPEND 23800	77.70 -3.49 0.00	72.80 -3.35 0.00	69.96 -3.22 0.00	69.42 -3.19 0.00	74.21 -3.33 0.00	80.73 -3.45 0.00	112.15 -4.55 0.00	125.52 -5.78 0.00	94.78 -4.36 0.00	74.77 -3.61 0.00	69.78 -3.44 0.00	63.94 -3.22 0.00	61.10 -3.22 0.00	59.84 -3.15 0.00	60.03 -3.23 0.00	64.68 -3.48 0.00	76.76 -4.04 0.00	100.15 -4.94 0.00	113.33 -5.22 0.00	94.53 -4.35 0.00	87.82 -4.23 0.00	77.89 -3.93 0.00	72.93 -3.68 0.00	67.28 -3.47 0.00
SITHE___MASSENA 23902	82.81 1.62 0.00	77.82 1.67 0.00	75.37 2.19 0.00	75.30 2.69 0.00	79.25 1.70 0.00	85.36 1.18 0.00	118.34 1.63 0.00	133.39 2.09 0.00	100.33 1.19 0.00	79.07 0.70 0.00	74.24 1.02 0.00	68.10 0.94 0.00	65.34 1.03 0.00	64.18 1.19 0.00	64.39 1.14 0.00	69.31 1.16 0.00	81.85 1.05 0.00	105.93 0.84 0.00	118.90 0.36 0.00	98.88 0.00 0.00	92.43 0.37 0.00	82.64 0.82 0.00	77.53 0.92 0.00	71.73 0.99 0.00
SITHE___OGDNSBRG 24021	84.36 3.17 0.00	79.35 3.20 0.00	76.62 3.44 0.00	75.88 3.27 0.00	80.80 3.26 0.00	89.24 5.05 0.00	124.52 7.82 0.00	139.70 8.40 0.00	102.11 2.97 0.00	79.94 1.57 0.00	82.08 8.86 0.00	69.65 2.49 0.00	72.55 8.23 0.00	70.98 8.00 0.00	70.72 7.46 0.00	72.93 4.77 0.00	81.77 0.97 0.00	107.30 2.21 0.00	122.34 3.79 0.00	102.64 3.76 0.00	95.28 3.22 0.00	84.77 2.95 0.00	81.05 4.44 0.00	81.36 10.61 0.00
SITHE___STERLING 23777	83.30 2.11 0.00	78.06 1.90 0.00	74.93 1.75 0.00	74.43 1.82 0.00	79.64 2.09 0.00	86.80 2.61 0.00	121.03 4.32 0.00	135.89 4.59 0.00	102.22 3.08 0.00	80.33 1.96 0.00	74.61 1.39 0.00	68.58 1.41 0.00	65.48 1.16 0.00	64.12 1.13 0.00	64.26 1.01 0.00	69.31 1.16 0.00	82.50 1.70 0.00	108.14 3.05 0.00	122.81 4.26 0.00	102.43 3.55 0.00	95.19 3.13 0.00	84.11 2.29 0.00	78.53 1.92 0.00	72.16 1.41 0.00
SLEIGHT__34_KV_TB1 80719	77.62 -3.57 0.00	72.65 -3.50 0.00	69.52 -3.66 0.00	69.20 -3.41 0.00	74.21 -3.33 0.00	81.15 -3.03 0.00	113.20 -3.50 0.00	126.83 -4.46 0.00	95.87 -3.27 0.00	75.16 -3.21 0.00	70.00 -3.22 0.00	64.07 -3.09 0.00	60.97 -3.34 0.00	59.77 -3.21 0.00	59.77 -3.48 0.00	64.41 -3.75 0.00	76.52 -4.28 0.00	100.36 -4.73 0.00	113.92 -4.62 0.00	95.12 -3.76 0.00	88.01 -4.05 0.00	77.81 -4.01 0.00	72.78 -3.83 0.00	67.14 -3.61 0.00
SOUTH CAIRO___GT 23612	87.52 6.33 0.00	82.17 6.02 0.00	79.46 4.54 -1.75	78.14 4.43 -1.10	83.75 6.20 0.00	92.63 5.72 -2.73	140.97 8.05 -16.21	141.41 10.11 0.00	105.39 6.25 0.00	82.92 4.55 0.00	76.59 3.37 0.00	70.12 2.96 0.00	66.96 2.64 0.00	65.44 2.46 0.00	65.97 2.72 0.00	71.50 3.34 0.00	85.40 4.61 0.00	115.23 5.67 -4.47	147.46 7.11 -21.80	141.94 6.03 -37.03	120.15 5.52 -22.57	96.93 4.75 -10.36	82.36 4.44 -1.31	77.29 4.10 -2.44
SOUTH HAMPTN___IC 23720	95.58 4.54 -9.84	87.28 4.80 -6.32	84.44 4.54 -6.72	87.69 4.36 -10.72	87.84 4.89 -5.41	104.51 5.80 -14.52	142.26 7.36 -18.20	159.79 7.74 -20.75	134.87 6.64 -29.09	101.31 5.40 -17.54	91.53 4.25 -14.06	82.96 4.03 -11.76	78.31 4.57 -9.42	75.41 4.16 -8.27	75.73 4.56 -7.92	82.43 4.64 -9.64	103.03 5.25 -16.98	139.27 9.14 -25.04	157.44 10.20 -28.70	138.04 9.70 -29.47	132.20 8.56 -31.58	122.81 6.95 -34.04	99.07 6.13 -16.33	103.86 6.15 -26.96
SOUTHDOW_115KV_TB1 355954	78.27 -2.92 0.00	72.88 -3.27 0.00	69.81 -3.37 0.00	69.71 -2.90 0.00	74.98 -2.56 0.00	82.00 -2.19 0.00	114.72 -1.98 0.00	129.46 -1.84 0.00	98.05 -1.09 0.00	76.33 -2.04 0.00	71.46 -1.76 0.00	65.42 -1.75 0.00	61.81 -2.51 0.00	60.47 -2.52 0.00	60.28 -2.97 0.00	64.75 -3.41 0.00	76.52 -4.28 0.00	101.70 -3.68 -0.29	117.09 -2.85 -1.40	99.18 -2.08 -2.37	90.74 -2.76 -1.45	79.13 -3.35 -0.66	73.86 -2.83 -0.08	68.21 -2.69 -0.16
SOUTHOLD_69_KV_BK 2 55809	95.90 4.87 -9.84	87.80 5.33 -6.32	85.16 5.27 -6.71	88.69 5.37 -10.71	88.76 5.82 -5.40	105.68 6.99 -14.51	143.89 8.99 -18.20	161.90 9.85 -20.75	136.26 8.03 -29.09	102.57 6.66 -17.54	92.41 5.13 -14.06	83.90 4.97 -11.76	78.88 5.15 -9.42	76.04 4.79 -8.27	76.17 5.00 -7.92	83.04 5.25 -9.64	103.92 6.14 -16.98	140.43 10.30 -25.04	158.75 11.50 -28.70	139.23 10.88 -29.47	133.48 9.85 -31.58	123.87 8.02 -34.03	100.13 7.20 -16.32	104.56 6.86 -26.95
SOUTHOLD___IC 23719	95.99 4.95 -9.84	87.73 5.25 -6.32	85.02 5.12 -6.72	88.41 5.08 -10.72	88.69 5.74 -5.41	105.52 6.82 -14.52	144.01 9.11 -18.20	161.90 9.85 -20.75	136.45 8.22 -29.09	102.41 6.50 -17.54	92.56 5.27 -14.06	83.90 4.97 -11.76	79.20 5.46 -9.42	76.23 4.97 -8.27	76.49 5.31 -7.92	83.25 5.45 -9.64	104.00 6.22 -16.98	140.85 10.72 -25.04	159.46 12.21 -28.70	139.72 11.37 -29.47	133.77 10.13 -31.58	124.12 8.26 -34.04	100.22 7.28 -16.33	104.85 7.14 -26.96
SOUTH_FORK_WT_PWR 323839	95.41 4.38 -9.84	87.35 4.88 -6.32	84.73 4.83 -6.72	88.12 4.79 -10.72	88.46 5.51 -5.41	105.35 6.65 -14.52	143.77 8.87 -18.20	161.76 9.72 -20.75	136.36 8.13 -29.09	102.41 6.50 -17.54	92.48 5.20 -14.06	83.90 4.97 -11.76	79.20 5.46 -9.42	76.23 4.97 -8.27	76.49 5.31 -7.92	83.11 5.32 -9.64	103.84 6.06 -16.98	140.64 10.51 -25.04	159.21 11.97 -28.70	139.52 11.17 -29.47	133.68 10.04 -31.58	124.04 8.18 -34.04	100.14 7.20 -16.33	104.78 7.07 -26.96
SPIERFLS_115KV_TB 1 80737	88.66 7.47 0.00	83.08 6.93 0.00	84.47 6.81 -4.49	82.18 6.75 -2.82	84.75 7.21 0.00	99.85 8.76 -6.91	170.72 12.37 -41.65	145.34 14.05 0.00	109.25 10.11 0.00	86.13 7.76 0.00	79.52 6.30 0.00	72.94 5.78 0.00	69.21 4.89 0.00	67.65 4.66 0.00	68.12 4.87 0.00	73.95 5.79 0.00	88.39 7.59 0.00	127.11 10.61 -11.41	186.64 12.45 -55.65	203.66 10.28 -94.50	159.06 9.39 -57.61	116.53 8.26 -26.44	87.54 7.58 -3.35	83.84 6.86 -6.24
ST LAWRENCE____ 23600	81.84 0.65 0.00	76.91 0.76 0.00	74.13 0.95 0.00	73.85 1.23 0.00	78.32 0.78 0.00	84.52 0.34 0.00	116.94 0.23 0.00	131.82 0.53 0.00	99.24 0.10 0.00	78.29 -0.08 0.00	73.51 0.29 0.00	67.43 0.27 0.00	64.71 0.39 0.00	63.55 0.57 0.00	63.76 0.50 0.00	68.64 0.48 0.00	81.12 0.32 0.00	104.88 -0.21 0.00	117.72 -0.82 0.00	97.89 -0.99 0.00	91.60 -0.46 0.00	81.90 0.08 0.00	76.84 0.23 0.00	71.03 0.28 0.00
STATE_CA_115KV_115_LB 55624	84.60 3.41 0.00	79.35 3.20 0.00	79.40 3.07 -3.14	77.56 2.98 -1.97	80.80 3.26 0.00	92.62 3.54 -4.90	150.54 4.67 -29.17	136.28 4.99 0.00	102.91 3.77 0.00	81.90 3.53 0.00	76.15 2.93 0.00	70.05 2.89 0.00	66.89 2.57 0.00	65.38 2.39 0.00	65.78 2.53 0.00	71.02 2.86 0.00	84.19 3.39 0.00	117.54 4.41 -8.04	162.61 4.86 -39.21	169.61 4.15 -66.57	136.51 3.87 -40.59	103.81 3.35 -18.63	82.26 3.29 -2.36	78.18 3.04 -4.39

STATE_ST_34_KV_LOAD 55959	79.97 -1.22 0.00	74.93 -1.22 0.00	71.86 -1.32 0.00	71.45 -1.16 0.00	76.38 -1.16 0.00	83.34 -0.84 0.00	116.24 -0.47 0.00	130.11 -1.18 0.00	97.85 -1.29 0.00	77.19 -1.18 0.00	71.83 -1.39 0.00	65.75 -1.41 0.00	62.71 -1.61 0.00	61.41 -1.57 0.00	61.54 -1.71 0.00	66.32 -1.84 0.00	79.02 -1.78 0.00	103.41 -1.68 0.00	117.36 -1.19 0.00	98.09 -0.79 0.00	91.04 -1.01 0.00	80.43 -1.39 0.00	75.08 -1.53 0.00	69.19 -1.56 0.00
STATION 5_MISC_HYD 23604	76.73 -4.47 0.00	71.50 -4.65 0.00	68.57 -4.61 0.00	67.96 -4.65 0.00	73.35 -4.19 0.00	80.40 -3.79 0.00	111.91 -4.79 0.00	125.00 -6.30 0.00	94.88 -4.26 0.00	74.29 -4.08 0.00	69.34 -3.88 0.00	63.60 -3.56 0.00	60.39 -3.93 0.00	59.21 -3.78 0.00	59.14 -4.11 0.00	63.87 -4.29 0.00	75.46 -5.34 0.00	99.31 -5.78 0.00	113.09 -5.45 0.00	94.13 -4.74 0.00	86.90 -5.15 0.00	76.58 -5.24 0.00	71.86 -4.75 0.00	66.43 -4.32 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	78.67 -2.52 0.00	73.71 -2.44 0.00	70.54 -2.63 0.00	70.22 -2.40 0.00	75.29 -2.25 0.00	82.33 -1.85 0.00	115.07 -1.63 0.00	128.54 -2.76 0.00	97.16 -1.98 0.00	76.18 -2.19 0.00	70.88 -2.34 0.00	64.95 -2.22 0.00	61.75 -2.57 0.00	60.53 -2.46 0.00	60.47 -2.78 0.00	65.23 -2.93 0.00	77.57 -3.23 0.00	101.83 -3.26 0.00	115.58 -2.96 0.00	96.70 -2.18 0.00	89.39 -2.67 0.00	78.96 -2.86 0.00	73.85 -2.76 0.00	68.06 -2.69 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	76.32 -4.87 0.00	71.35 -4.80 0.00	68.28 -4.90 0.00	68.04 -4.57 0.00	73.05 -4.50 0.00	79.81 -4.38 0.00	111.22 -5.49 0.00	124.34 -6.96 0.00	94.28 -4.86 0.00	73.82 -4.55 0.00	68.90 -4.32 0.00	63.13 -4.03 0.00	60.01 -4.31 0.00	58.89 -4.09 0.00	58.82 -4.43 0.00	63.32 -4.84 0.00	75.06 -5.74 0.00	98.57 -6.52 0.00	111.79 -6.76 0.00	93.44 -5.44 0.00	86.35 -5.71 0.00	76.42 -5.40 0.00	71.63 -4.98 0.00	66.22 -4.53 0.00
STA_56___34_KV_BUS2 355883	76.32 -4.87 0.00	71.35 -4.80 0.00	68.28 -4.90 0.00	68.04 -4.57 0.00	73.05 -4.50 0.00	79.81 -4.38 0.00	111.22 -5.49 0.00	124.34 -6.96 0.00	94.28 -4.86 0.00	73.82 -4.55 0.00	68.90 -4.32 0.00	63.13 -4.03 0.00	60.01 -4.31 0.00	58.89 -4.09 0.00	58.82 -4.43 0.00	63.32 -4.84 0.00	75.06 -5.74 0.00	98.57 -6.52 0.00	111.79 -6.76 0.00	93.44 -5.44 0.00	86.35 -5.71 0.00	76.42 -5.40 0.00	71.63 -4.98 0.00	66.22 -4.53 0.00
STA_67___115KV_BK2 355882	76.40 -4.79 0.00	71.35 -4.80 0.00	68.28 -4.90 0.00	68.04 -4.57 0.00	73.12 -4.42 0.00	79.89 -4.29 0.00	111.10 -5.60 0.00	124.21 -7.09 0.00	94.28 -4.86 0.00	73.75 -4.62 0.00	68.90 -4.32 0.00	63.13 -4.03 0.00	60.01 -4.31 0.00	58.83 -4.16 0.00	58.82 -4.43 0.00	63.25 -4.91 0.00	74.90 -5.90 0.00	98.36 -6.73 0.00	111.55 -6.99 0.00	93.34 -5.54 0.00	86.35 -5.71 0.00	76.42 -5.40 0.00	71.63 -4.98 0.00	66.29 -4.46 0.00
STA_7___115KV_9TRANS 80674	76.89 -4.30 0.00	71.89 -4.26 0.00	68.71 -4.46 0.00	68.47 -4.14 0.00	73.59 -3.95 0.00	80.40 -3.79 0.00	111.92 -4.78 0.00	125.12 -6.17 0.00	95.07 -4.06 0.00	74.37 -4.00 0.00	69.49 -3.73 0.00	63.67 -3.49 0.00	60.46 -3.86 0.00	59.33 -3.65 0.00	59.27 -3.98 0.00	63.79 -4.36 0.00	75.63 -5.17 0.00	99.20 -5.89 0.00	112.50 -6.05 0.00	94.13 -4.75 0.00	87.08 -4.97 0.00	77.08 -4.75 0.00	72.24 -4.37 0.00	66.71 -4.03 0.00
STA_82___115KV_TB1 80780	76.40 -4.79 0.00	71.35 -4.80 0.00	68.28 -4.90 0.00	68.04 -4.57 0.00	73.12 -4.42 0.00	79.89 -4.29 0.00	111.22 -5.49 0.00	124.34 -6.96 0.00	94.28 -4.86 0.00	73.75 -4.62 0.00	68.90 -4.32 0.00	63.13 -4.03 0.00	60.01 -4.31 0.00	58.83 -4.16 0.00	58.76 -4.49 0.00	63.25 -4.91 0.00	74.90 -5.90 0.00	98.36 -6.73 0.00	111.55 -6.99 0.00	93.34 -5.54 0.00	86.35 -5.71 0.00	76.42 -5.40 0.00	71.63 -4.98 0.00	66.29 -4.46 0.00
STEEL___WIND 323596	75.75 -5.44 0.00	70.13 -6.02 0.00	67.47 -5.71 0.00	66.87 -5.74 0.00	72.50 -5.04 0.00	79.47 -4.71 0.00	110.76 -5.95 0.00	124.07 -7.22 0.00	94.19 -4.95 0.00	73.75 -4.62 0.00	68.90 -4.32 0.00	63.27 -3.90 0.00	59.88 -4.44 0.00	58.57 -4.41 0.00	58.44 -4.81 0.00	63.04 -5.11 0.00	74.17 -6.62 0.00	97.84 -7.25 0.00	112.14 -6.40 0.00	93.14 -5.74 0.00	85.89 -6.17 0.00	75.27 -6.55 0.00	71.02 -5.59 0.00	65.72 -5.02 0.00
STEPHTWN_115KV_BK_2 55603	85.17 3.98 0.00	79.88 3.73 0.00	79.18 3.51 -2.48	77.66 3.49 -1.56	81.27 3.72 0.00	92.18 4.13 -3.87	145.35 5.60 -23.05	137.34 6.04 0.00	103.60 4.46 0.00	82.29 3.92 0.00	76.44 3.22 0.00	70.39 3.22 0.00	67.15 2.83 0.00	65.69 2.71 0.00	66.04 2.78 0.00	71.36 3.20 0.00	84.68 3.88 0.00	116.59 5.15 -6.35	155.21 5.69 -30.98	156.33 4.85 -52.60	128.64 4.51 -32.07	100.39 3.85 -14.72	82.23 3.75 -1.86	77.75 3.54 -3.47
STEUBEN_REC_LFGE 323667	79.49 -1.71 0.00	74.25 -1.90 0.00	71.33 -1.98 -0.13	71.09 -1.60 -0.08	76.30 -1.24 0.00	83.79 -0.59 -0.20	118.10 0.23 -1.16	130.25 -1.05 0.00	97.26 -1.88 0.00	75.94 -2.43 0.00	70.58 -2.64 0.00	64.54 -2.62 0.00	61.36 -2.96 0.00	59.96 -3.02 0.00	59.96 -3.29 0.00	64.48 -3.68 0.00	77.08 -3.72 0.00	102.08 -3.36 -0.35	118.35 -1.90 -1.71	100.69 -1.09 -2.90	92.07 -1.75 -1.77	80.18 -2.45 -0.81	74.11 -2.60 -0.10	68.25 -2.69 -0.19
STILLWATER___SOLAR 323814	86.63 5.44 0.00	81.33 5.18 0.00	82.58 4.98 -4.42	80.18 4.79 -2.77	82.82 5.28 0.00	96.88 5.80 -6.89	165.87 8.17 -41.00	140.35 9.05 0.00	105.68 6.54 0.00	83.62 5.25 0.00	77.61 4.39 0.00	71.19 4.03 0.00	67.85 3.54 0.00	66.32 3.34 0.00	66.86 3.60 0.00	72.31 4.16 0.00	86.21 5.41 0.00	123.95 7.57 -11.29	182.40 8.77 -55.09	199.73 7.32 -93.54	155.71 6.63 -57.02	113.72 5.73 -26.17	85.28 5.36 -3.31	81.87 4.95 -6.17
STONY___BROOK 24151	95.58 4.54 -9.84	87.12 4.65 -6.32	84.29 4.39 -6.72	87.39 4.06 -10.72	87.52 4.57 -5.41	104.01 5.31 -14.52	141.55 6.65 -18.20	158.87 6.82 -20.75	134.28 6.05 -29.09	101.00 5.09 -17.54	91.31 4.02 -14.06	82.82 3.89 -11.76	78.11 4.38 -9.42	75.29 4.03 -8.27	75.60 4.43 -7.92	82.36 4.57 -9.64	103.03 5.25 -16.98	138.64 8.51 -25.04	156.73 9.49 -28.70	137.25 8.90 -29.47	131.46 7.82 -31.58	122.25 6.39 -34.04	98.61 5.67 -16.33	103.15 5.45 -26.96
STURGEON_POOL_HYD 23609	83.79 2.60 0.00	78.66 2.51 0.00	75.64 1.76 -0.70	74.65 1.60 -0.44	79.79 2.25 0.00	87.30 2.02 -1.09	126.00 2.80 -6.50	135.37 4.07 0.00	102.61 3.47 0.00	81.66 3.29 0.00	75.71 2.49 0.00	69.71 2.55 0.00	66.70 2.38 0.00	65.13 2.14 0.00	65.59 2.34 0.00	70.68 2.52 0.00	83.71 2.91 0.00	110.25 3.36 -1.79	131.32 4.03 -8.75	117.33 3.56 -14.89	104.36 3.22 -9.08	88.52 2.54 -4.16	79.51 2.37 -0.53	73.56 1.84 -0.98
ST_LAW_115_BK7_LBMP 345037	81.92 0.73 0.00	76.91 0.76 0.00	74.20 1.02 0.00	73.99 1.38 0.00	78.32 0.78 0.00	84.52 0.34 0.00	116.94 0.23 0.00	131.82 0.53 0.00	99.24 0.10 0.00	78.29 -0.08 0.00	73.51 0.29 0.00	67.43 0.27 0.00	64.71 0.39 0.00	63.55 0.57 0.00	63.76 0.50 0.00	68.64 0.48 0.00	81.12 0.32 0.00	104.88 -0.21 0.00	117.72 -0.82 0.00	97.89 -0.99 0.00	91.60 -0.46 0.00	81.90 0.08 0.00	76.84 0.23 0.00	71.03 0.28 0.00

ST_LAW_115_BK8_LBMP 345038	81.92 0.73 0.00	76.91 0.76 0.00	74.20 1.02 0.00	73.99 1.38 0.00	78.32 0.78 0.00	84.52 0.34 0.00	116.94 0.23 0.00	131.82 0.53 0.00	99.24 0.10 0.00	78.29 -0.08 0.00	73.51 0.29 0.00	67.43 0.27 0.00	64.71 0.39 0.00	63.55 0.57 0.00	63.76 0.50 0.00	68.64 0.48 0.00	81.12 0.32 0.00	104.88 -0.21 0.00	117.72 -0.82 0.00	97.89 -0.99 0.00	91.60 -0.46 0.00	81.90 0.08 0.00	76.84 0.23 0.00	71.03 0.28 0.00
ST_LAW_230_BK5_LBMP 345035	81.84 0.65 0.00	76.91 0.76 0.00	74.13 0.95 0.00	73.85 1.23 0.00	78.32 0.78 0.00	84.52 0.34 0.00	116.94 0.23 0.00	131.82 0.53 0.00	99.24 0.10 0.00	78.29 -0.08 0.00	73.51 0.29 0.00	67.43 0.27 0.00	64.71 0.39 0.00	63.55 0.57 0.00	63.76 0.50 0.00	68.64 0.48 0.00	81.12 0.32 0.00	104.88 -0.21 0.00	117.72 -0.82 0.00	97.89 -0.99 0.00	91.60 -0.46 0.00	81.90 0.08 0.00	76.84 0.23 0.00	71.03 0.28 0.00
ST_LAW_230_BK6_LBMP 345036	81.84 0.65 0.00	76.91 0.76 0.00	74.13 0.95 0.00	73.85 1.23 0.00	78.32 0.78 0.00	84.52 0.34 0.00	116.94 0.23 0.00	131.82 0.53 0.00	99.24 0.10 0.00	78.29 -0.08 0.00	73.51 0.29 0.00	67.43 0.27 0.00	64.71 0.39 0.00	63.55 0.57 0.00	63.76 0.50 0.00	68.64 0.48 0.00	81.12 0.32 0.00	104.88 -0.21 0.00	117.72 -0.82 0.00	97.89 -0.99 0.00	91.60 -0.46 0.00	81.90 0.08 0.00	76.84 0.23 0.00	71.03 0.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	70.75 1.79 12.22	70.06 1.75 7.84	70.18 1.61 4.61	70.65 1.45 3.41	78.15 1.47 0.86	80.65 1.85 5.39	105.84 2.57 13.43	108.39 2.89 25.79	65.66 2.68 36.15	59.32 2.74 21.80	57.72 1.98 17.48	54.77 2.15 14.54	54.54 1.93 11.71	54.41 1.70 10.28	55.31 1.90 9.84	58.16 1.98 11.98	62.05 2.34 21.09	79.68 3.15 28.56	99.05 3.79 23.29	86.63 3.36 15.61	76.50 2.95 18.51	68.73 2.37 15.47	67.40 2.15 11.35	62.90 1.70 9.54
SWANROAD_115KV_TB1 355699	72.26 -8.93 0.00	67.24 -8.91 0.00	64.32 -8.85 0.00	64.26 -8.35 0.00	69.32 -8.22 0.00	75.43 -8.76 0.00	104.68 -12.02 0.00	116.98 -14.31 0.00	88.93 -10.21 0.00	69.44 -8.93 0.00	65.09 -8.13 0.00	59.57 -7.59 0.00	56.54 -7.78 0.00	55.43 -7.56 0.00	55.35 -7.91 0.00	59.36 -8.79 0.00	69.89 -10.91 0.00	91.74 -13.35 0.00	104.32 -14.23 0.00	87.41 -11.47 0.00	80.83 -11.23 0.00	71.76 -10.06 0.00	67.72 -8.89 0.00	62.89 -7.85 0.00
SYNERGY___BIOGAS 323694	75.91 -5.28 0.00	70.52 -5.63 0.00	67.61 -5.56 0.00	67.09 -5.52 0.00	72.66 -4.88 0.00	79.98 -4.21 0.00	112.74 -3.97 0.00	125.91 -5.39 0.00	95.37 -3.77 0.00	74.21 -4.16 0.00	69.12 -4.10 0.00	63.34 -3.83 0.00	59.69 -4.63 0.00	58.57 -4.41 0.00	58.38 -4.87 0.00	63.04 -5.11 0.00	74.33 -6.47 0.00	98.47 -6.62 0.00	112.97 -5.57 0.00	94.04 -4.84 0.00	86.62 -5.43 0.00	76.01 -5.81 0.00	71.48 -5.13 0.00	66.01 -4.74 0.00
SYRACUSE___ENERGY_ST1 323597	80.14 -1.06 0.00	75.08 -1.07 0.00	72.08 -1.10 0.00	71.60 -1.02 0.00	76.54 -1.01 0.00	83.43 -0.76 0.00	116.12 -0.58 0.00	129.98 -1.31 0.00	97.95 -1.19 0.00	77.19 -1.18 0.00	71.83 -1.39 0.00	65.75 -1.41 0.00	62.77 -1.54 0.00	61.41 -1.57 0.00	61.61 -1.64 0.00	66.38 -1.77 0.00	79.02 -1.78 0.00	103.30 -1.79 0.00	117.12 -1.42 0.00	97.79 -1.09 0.00	90.77 -1.29 0.00	80.35 -1.47 0.00	75.00 -1.61 0.00	69.19 -1.56 0.00
SYRACUSE___ENERGY_ST2 323598	80.14 -1.06 0.00	75.08 -1.07 0.00	72.08 -1.10 0.00	71.60 -1.02 0.00	76.54 -1.01 0.00	83.43 -0.76 0.00	116.12 -0.58 0.00	129.98 -1.31 0.00	97.95 -1.19 0.00	77.19 -1.18 0.00	71.83 -1.39 0.00	65.75 -1.41 0.00	62.77 -1.54 0.00	61.41 -1.57 0.00	61.61 -1.64 0.00	66.38 -1.77 0.00	79.02 -1.78 0.00	103.30 -1.79 0.00	117.12 -1.42 0.00	97.79 -1.09 0.00	90.77 -1.29 0.00	80.35 -1.47 0.00	75.00 -1.61 0.00	69.19 -1.56 0.00
SYRACUSE___POWER 24017	79.65 -1.54 0.00	74.55 -1.60 0.00	71.64 -1.54 0.00	71.09 -1.52 0.00	76.07 -1.47 0.00	82.92 -1.26 0.00	115.42 -1.28 0.00	129.06 -2.23 0.00	97.36 -1.78 0.00	76.65 -1.72 0.00	71.39 -1.83 0.00	65.42 -1.75 0.00	62.45 -1.87 0.00	61.09 -1.89 0.00	61.29 -1.96 0.00	66.04 -2.11 0.00	78.62 -2.18 0.00	102.67 -2.42 0.00	116.41 -2.13 0.00	97.20 -1.68 0.00	90.31 -1.75 0.00	79.86 -1.96 0.00	74.70 -1.92 0.00	68.83 -1.91 0.00
TALLMAN___138KV_BK151 55660	67.34 1.79 15.64	67.79 1.68 10.04	68.71 1.54 6.01	69.63 1.45 4.43	77.83 1.40 1.10	78.89 1.77 7.06	100.99 2.45 18.16	101.18 2.89 33.00	55.66 2.78 46.26	53.38 2.90 27.89	52.98 2.12 22.37	50.82 2.35 18.70	51.52 2.19 14.98	51.73 1.89 13.15	52.75 2.09 12.59	55.01 2.18 15.33	56.32 2.50 26.99	71.53 3.26 36.82	91.34 3.91 31.12	80.12 3.46 22.22	70.04 3.04 25.05	63.78 2.37 20.42	64.23 2.22 14.60	60.08 1.70 12.36
TEALLAVE_115KV_TB7 355573	79.32 -1.87 0.00	74.25 -1.90 0.00	71.28 -1.90 0.00	70.80 -1.82 0.00	75.68 -1.86 0.00	82.50 -1.68 0.00	114.84 -1.87 0.00	128.41 -2.89 0.00	96.86 -2.28 0.00	76.33 -2.04 0.00	71.10 -2.12 0.00	65.08 -2.08 0.00	62.20 -2.12 0.00	60.84 -2.14 0.00	61.04 -2.21 0.00	65.77 -2.39 0.00	78.21 -2.59 0.00	102.15 -2.94 0.00	115.82 -2.73 0.00	96.60 -2.27 0.00	89.75 -2.30 0.00	79.45 -2.37 0.00	74.24 -2.37 0.00	68.48 -2.26 0.00
TELGRAPH_34_KV_EAST 80808	74.21 -6.98 0.00	69.15 -7.01 0.00	66.08 -7.10 0.00	65.93 -6.68 0.00	71.11 -6.44 0.00	77.53 -6.65 0.00	107.95 -8.75 0.00	120.79 -10.50 0.00	91.70 -7.44 0.00	71.40 -6.97 0.00	66.85 -6.37 0.00	61.19 -5.98 0.00	57.95 -6.37 0.00	56.81 -6.17 0.00	56.67 -6.58 0.00	60.86 -7.29 0.00	71.83 -8.97 0.00	94.48 -10.61 0.00	107.52 -11.02 0.00	90.08 -8.80 0.00	83.22 -8.84 0.00	73.80 -8.02 0.00	69.49 -7.12 0.00	64.45 -6.30 0.00
TEMPLE___115KV_TB 2 55572	79.32 -1.87 0.00	74.25 -1.90 0.00	71.28 -1.90 0.00	70.80 -1.82 0.00	75.68 -1.86 0.00	82.50 -1.68 0.00	114.84 -1.87 0.00	128.41 -2.89 0.00	96.86 -2.28 0.00	76.33 -2.04 0.00	71.10 -2.12 0.00	65.15 -2.01 0.00	62.20 -2.12 0.00	60.84 -2.14 0.00	61.04 -2.21 0.00	65.77 -2.39 0.00	78.21 -2.59 0.00	102.15 -2.94 0.00	115.82 -2.73 0.00	96.70 -2.18 0.00	89.75 -2.30 0.00	79.45 -2.37 0.00	74.24 -2.37 0.00	68.48 -2.26 0.00
TIANA____69_KV_BK 1 55817	95.50 4.47 -9.84	87.19 4.72 -6.32	84.43 4.54 -6.71	87.90 4.57 -10.71	87.75 4.81 -5.40	104.42 5.72 -14.51	141.91 7.00 -18.20	159.40 7.35 -20.75	134.38 6.15 -29.09	101.24 5.33 -17.54	91.16 3.88 -14.06	82.82 3.90 -11.76	77.79 4.05 -9.42	75.03 3.78 -8.27	75.22 4.05 -7.92	82.09 4.29 -9.64	102.71 4.93 -16.98	138.54 8.41 -25.04	156.37 9.13 -28.70	137.25 8.90 -29.47	131.73 8.10 -31.58	122.40 6.55 -34.03	98.83 5.90 -16.32	103.36 5.66 -26.95
TILDEN___115KV_TB1 80814	79.65 -1.54 0.00	74.55 -1.60 0.00	71.64 -1.54 0.00	71.09 -1.52 0.00	76.07 -1.47 0.00	82.92 -1.26 0.00	115.42 -1.28 0.00	129.06 -2.23 0.00	97.36 -1.78 0.00	76.65 -1.72 0.00	71.39 -1.83 0.00	65.42 -1.75 0.00	62.45 -1.87 0.00	61.09 -1.89 0.00	61.29 -1.96 0.00	66.04 -2.11 0.00	78.62 -2.18 0.00	102.67 -2.42 0.00	116.41 -2.13 0.00	97.20 -1.68 0.00	90.31 -1.75 0.00	79.86 -1.96 0.00	74.70 -1.92 0.00	68.83 -1.91 0.00

TRIGEN___CC 323695	94.85 3.82 -9.84	86.35 3.88 -6.32	83.48 3.59 -6.71	86.81 3.49 -10.71	86.51 3.57 -5.40	102.82 4.13 -14.51	140.04 5.14 -18.20	157.30 5.25 -20.75	133.19 4.96 -29.09	100.61 4.70 -17.54	90.87 3.59 -14.06	82.69 3.76 -11.76	77.40 3.67 -9.42	74.65 3.40 -8.27	74.78 3.61 -7.92	81.54 3.75 -9.64	102.06 4.28 -16.98	136.01 5.89 -25.04	153.77 6.52 -28.70	134.48 6.13 -29.47	129.16 5.52 -31.58	120.52 4.66 -34.03	97.22 4.29 -16.32	101.38 3.68 -26.95
TRINITY___115KV___4 BK 55933	84.28 3.09 0.00	79.12 2.97 0.00	78.55 2.78 -2.59	77.00 2.76 -1.62	80.49 2.95 0.00	91.33 3.11 -4.03	144.78 4.08 -23.99	135.63 4.33 0.00	102.41 3.27 0.00	81.58 3.21 0.00	75.78 2.56 0.00	69.78 2.62 0.00	66.63 2.32 0.00	65.13 2.14 0.00	65.53 2.28 0.00	70.75 2.59 0.00	83.79 2.99 0.00	115.59 3.89 -6.61	155.06 4.27 -32.25	157.40 3.76 -54.76	128.94 3.50 -33.38	100.17 3.03 -15.32	81.61 3.06 -1.94	77.19 2.83 -3.61
UNION___PROCESSING_DRP 323587	76.40 -4.79 0.00	71.43 -4.72 0.00	68.28 -4.90 0.00	68.04 -4.57 0.00	73.12 -4.42 0.00	79.89 -4.29 0.00	111.22 -5.49 0.00	124.34 -6.96 0.00	94.28 -4.86 0.00	73.82 -4.55 0.00	68.90 -4.32 0.00	63.13 -4.03 0.00	60.01 -4.31 0.00	58.89 -4.09 0.00	58.82 -4.43 0.00	63.25 -4.91 0.00	74.90 -5.90 0.00	98.36 -6.73 0.00	111.67 -6.88 0.00	93.34 -5.54 0.00	86.35 -5.71 0.00	76.42 -5.40 0.00	71.71 -4.90 0.00	66.29 -4.46 0.00
UPPER HUDSON___HYD 24058	88.66 7.46 0.00	83.15 7.00 0.00	84.40 6.73 -4.49	82.04 6.61 -2.82	84.83 7.29 0.00	99.85 8.75 -6.91	170.72 12.36 -41.65	145.35 14.06 0.00	109.26 10.12 0.00	86.06 7.68 0.00	79.67 6.44 0.00	72.94 5.78 0.00	69.27 4.95 0.00	67.71 4.73 0.00	68.25 5.00 0.00	73.95 5.79 0.00	88.48 7.68 0.00	127.32 10.83 -11.41	187.00 12.81 -55.65	203.76 10.38 -94.50	159.24 9.57 -57.61	116.62 8.35 -26.44	87.54 7.59 -3.35	83.84 6.86 -6.24
UPPER RAQUET___HYD 24056	82.97 1.78 0.00	78.06 1.90 0.00	75.59 2.41 0.00	75.73 3.12 0.00	79.25 1.70 0.00	85.53 1.34 0.00	118.81 2.10 0.00	133.92 2.62 0.00	98.84 -0.30 0.00	77.98 -0.39 0.00	73.74 0.52 0.00	74.28 7.12 0.00	71.07 6.75 0.00	69.60 6.61 0.00	69.39 6.13 0.00	73.88 5.73 0.00	79.35 -1.45 0.00	102.78 -2.31 0.00	116.05 -2.50 0.00	96.90 -1.98 0.00	90.22 -1.84 0.00	81.00 -0.82 0.00	78.06 1.45 0.00	72.37 1.63 0.00
VALLEY44_115KV_TB2 355964	76.89 -4.30 0.00	71.51 -4.65 0.00	68.50 -4.68 0.00	68.40 -4.21 0.00	73.59 -3.95 0.00	80.31 -3.87 0.00	112.04 -4.67 0.00	125.52 -5.78 0.00	94.98 -4.16 0.00	74.30 -4.08 0.00	69.41 -3.81 0.00	63.54 -3.63 0.00	60.27 -4.05 0.00	58.95 -4.03 0.00	58.89 -4.36 0.00	63.18 -4.98 0.00	74.74 -6.06 0.00	98.76 -6.62 -0.30	113.94 -6.05 -1.44	96.68 -4.65 -2.45	88.58 -4.97 -1.49	77.35 -5.15 -0.68	72.02 -4.67 -0.09	66.66 -4.24 -0.16
VALLEY___115KV_TB 1-4 80826	81.68 0.49 0.00	76.61 0.46 0.00	73.62 0.44 0.00	73.05 0.44 0.00	78.09 0.54 0.00	84.77 0.59 0.00	117.52 0.82 0.00	132.74 1.44 0.00	100.33 1.19 0.00	79.39 1.02 0.00	73.95 0.73 0.00	67.83 0.67 0.00	64.90 0.58 0.00	63.49 0.50 0.00	63.76 0.51 0.00	68.77 0.61 0.00	81.61 0.81 0.00	106.25 1.16 0.00	119.85 1.30 0.00	100.16 1.29 0.00	93.25 1.20 0.00	82.89 1.06 0.00	77.61 1.00 0.00	71.45 0.71 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	85.33 4.14 0.00	79.96 3.81 0.00	77.41 3.59 -0.65	76.72 3.70 -0.41	81.58 4.03 0.00	89.83 4.63 -1.01	129.84 7.12 -6.02	139.30 8.01 0.00	104.89 5.75 0.00	82.84 4.47 0.00	76.95 3.73 0.00	70.59 3.43 0.00	67.34 3.02 0.00	65.76 2.77 0.00	66.04 2.78 0.00	71.22 3.07 0.00	84.84 4.04 0.00	112.43 5.67 -1.67	133.56 6.88 -8.15	118.34 5.64 -13.83	105.46 4.97 -8.43	89.70 4.01 -3.87	80.78 3.68 -0.49	74.70 3.04 -0.91
VISCHER___FERRY HYD 24020	84.85 3.66 0.00	79.73 3.58 0.00	80.38 3.37 -3.84	78.21 3.19 -2.41	81.11 3.57 0.00	93.96 3.79 -5.98	157.30 5.01 -35.58	136.68 5.39 0.00	103.30 4.16 0.00	82.13 3.76 0.00	76.44 3.22 0.00	70.25 3.09 0.00	67.08 2.76 0.00	65.63 2.64 0.00	66.10 2.85 0.00	71.29 3.14 0.00	84.68 3.88 0.00	119.93 5.04 -9.80	171.93 5.57 -47.81	185.00 4.94 -81.18	146.06 4.51 -49.49	108.47 3.93 -22.72	83.24 3.75 -2.88	79.71 3.61 -5.36
V_A_10_SYNC_DSASP 323832	74.13 -7.06 0.00	68.77 -7.39 0.00	66.08 -7.10 0.00	65.50 -7.11 0.00	70.95 -6.59 0.00	77.78 -6.40 0.00	108.07 -8.63 0.00	120.40 -10.90 0.00	91.51 -7.63 0.00	71.71 -6.66 0.00	67.00 -6.22 0.00	61.45 -5.71 0.00	58.34 -5.98 0.00	57.13 -5.86 0.00	57.06 -6.20 0.00	61.55 -6.61 0.00	72.39 -8.40 0.00	95.32 -9.77 0.00	108.95 -9.60 0.00	90.47 -8.40 0.00	83.59 -8.47 0.00	73.56 -8.26 0.00	69.33 -7.28 0.00	64.31 -6.44 0.00
V_CMM_10_SYNC_DSASP 323787	82.24 1.05 0.00	77.30 1.14 0.00	74.57 1.39 0.00	74.43 1.82 0.00	78.71 1.16 0.00	84.85 0.67 0.00	117.53 0.82 0.00	132.47 1.18 0.00	99.74 0.60 0.00	78.61 0.24 0.00	73.80 0.58 0.00	67.70 0.53 0.00	64.96 0.64 0.00	63.80 0.82 0.00	64.01 0.76 0.00	68.91 0.75 0.00	81.44 0.64 0.00	105.41 0.32 0.00	118.31 -0.24 0.00	98.39 -0.49 0.00	91.96 -0.09 0.00	82.32 0.49 0.00	77.15 0.54 0.00	71.38 0.64 0.00
V_CMP_10_SYNC_DSASP 323788	83.87 2.68 0.00	78.97 2.82 0.00	76.18 3.00 0.00	76.39 3.77 0.00	80.72 3.18 0.00	85.11 0.93 0.00	115.18 -1.52 0.00	130.38 -0.91 0.00	97.66 -1.48 0.00	79.07 0.70 0.00	74.24 1.02 0.00	68.30 1.14 0.00	65.54 1.22 0.00	64.37 1.38 0.00	64.45 1.20 0.00	69.31 1.16 0.00	81.44 0.64 0.00	102.78 -2.31 0.00	114.99 -3.55 0.00	95.22 -3.66 0.00	89.66 -2.39 0.00	82.32 0.49 0.00	78.06 1.45 0.00	72.23 1.49 0.00
V_D_10_SYNC_DSASP 323841	82.81 1.62 0.00	77.82 1.67 0.00	75.30 2.12 0.00	75.30 2.69 0.00	79.25 1.70 0.00	85.36 1.18 0.00	118.34 1.63 0.00	133.39 2.09 0.00	100.33 1.19 0.00	79.07 0.70 0.00	74.24 1.02 0.00	68.10 0.94 0.00	65.34 1.03 0.00	64.18 1.19 0.00	64.39 1.14 0.00	69.31 1.16 0.00	81.85 1.05 0.00	105.93 0.84 0.00	118.90 0.36 0.00	98.88 0.00 0.00	92.43 0.37 0.00	82.64 0.82 0.00	77.53 0.92 0.00	71.73 0.99 0.00
V_E_10_SYNC_DSASP 323830	88.50 7.31 0.00	82.77 6.62 0.00	79.84 6.36 -0.30	79.41 6.61 -0.19	85.06 7.52 0.00	93.40 8.75 -0.46	133.58 14.12 -2.76	146.26 14.96 0.00	109.26 10.12 0.00	84.80 6.43 0.00	78.05 4.83 0.00	71.06 3.89 0.00	67.53 3.21 0.00	66.01 3.02 0.00	66.23 2.97 0.00	71.63 3.47 0.00	86.45 5.65 0.00	115.53 9.66 -0.78	135.52 13.16 -3.82	116.04 10.68 -6.48	105.21 9.20 -3.95	90.59 6.95 -1.81	82.66 5.82 -0.23	75.77 4.60 -0.43
V_F_30_NSYNC___DSASP 323816	86.79 5.60 0.00	81.40 5.25 0.00	82.73 5.05 -4.50	80.38 4.94 -2.83	82.97 5.43 0.00	97.19 5.98 -7.03	166.88 8.41 -41.76	140.62 9.32 0.00	105.88 6.74 0.00	83.77 5.40 0.00	77.76 4.54 0.00	71.33 4.17 0.00	67.98 3.66 0.00	66.51 3.53 0.00	66.98 3.73 0.00	72.45 4.30 0.00	86.37 5.57 0.00	124.27 7.67 -11.51	183.59 8.90 -56.15	201.64 7.42 -95.34	156.99 6.81 -58.13	114.40 5.89 -26.68	85.43 5.44 -3.38	82.06 5.02 -6.29

V_F_30_SYNC_DSASP 323786	84.60 3.41 0.00	79.35 3.20 0.00	79.35 3.07 -3.10	77.54 2.98 -1.95	80.80 3.26 0.00	92.55 3.54 -4.83	150.12 4.67 -28.75	136.28 4.99 0.00	102.91 3.77 0.00	81.90 3.53 0.00	76.15 2.93 0.00	70.05 2.89 0.00	66.89 2.57 0.00	65.38 2.39 0.00	65.78 2.53 0.00	71.02 2.86 0.00	84.19 3.39 0.00	117.42 4.41 -7.92	162.05 4.86 -38.64	168.65 4.15 -65.62	135.93 3.87 -40.00	103.54 3.35 -18.36	82.23 3.29 -2.32	78.12 3.04 -4.33
V_XM_10_SYNC_DSASP 323789	83.87 2.68 0.00	78.97 2.82 0.00	76.18 3.00 0.00	76.39 3.77 0.00	80.72 3.18 0.00	85.11 0.93 0.00	115.18 -1.52 0.00	130.38 -0.91 0.00	97.66 -1.48 0.00	79.07 0.70 0.00	74.24 1.02 0.00	68.30 1.14 0.00	65.54 1.22 0.00	64.37 1.38 0.00	64.45 1.20 0.00	69.31 1.16 0.00	81.44 0.64 0.00	102.78 -2.31 0.00	114.99 -3.55 0.00	95.22 -3.66 0.00	89.66 -2.39 0.00	82.32 0.49 0.00	78.06 1.45 0.00	72.23 1.49 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	67.55 2.11 15.76	68.02 1.98 10.11	68.96 1.83 6.05	69.82 1.67 4.47	78.14 1.71 1.11	79.09 2.02 7.11	101.33 2.92 18.29	101.46 3.41 33.25	55.71 3.17 46.61	53.48 3.21 28.10	53.10 2.42 22.53	50.93 2.62 18.85	51.60 2.38 15.09	51.88 2.14 13.25	52.84 2.28 12.69	55.17 2.45 15.44	56.44 2.83 27.19	71.68 3.68 37.09	91.59 4.39 31.34	80.37 3.86 22.37	70.23 3.41 25.23	63.96 2.70 20.56	64.42 2.53 14.71	60.28 1.98 12.45
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	94.22 3.25 -9.78	85.40 2.97 -6.27	80.44 2.78 -4.48	78.45 2.61 -3.23	80.87 2.64 -0.69	92.85 3.11 -5.55	139.36 4.55 -18.11	157.16 5.25 -20.62	132.70 4.66 -28.90	100.34 4.55 -17.42	90.78 3.59 -13.97	82.61 3.76 -11.69	77.15 3.47 -9.36	74.35 3.15 -8.21	74.41 3.29 -7.87	81.21 3.48 -9.57	101.55 3.88 -16.87	135.12 5.15 -24.88	153.02 5.93 -28.55	133.46 5.24 -29.34	121.74 4.60 -25.08	102.67 3.76 -17.09	89.81 3.52 -9.68	82.39 2.90 -8.75
W50THST__13_KV_LOAD 356117	94.62 3.65 -9.78	85.78 3.35 -6.27	80.81 3.15 -4.48	78.82 2.98 -3.23	81.26 3.02 -0.69	93.27 3.54 -5.55	140.18 5.37 -18.11	157.95 6.04 -20.62	133.29 5.25 -28.90	100.81 5.02 -17.42	91.22 4.03 -13.97	83.08 4.23 -11.69	77.54 3.86 -9.36	74.73 3.53 -8.21	74.79 3.67 -7.87	81.62 3.88 -9.57	102.03 4.36 -16.87	135.75 5.78 -24.88	153.62 6.52 -28.55	134.05 5.83 -29.34	122.11 4.97 -25.08	103.00 4.09 -17.09	90.20 3.91 -9.68	82.68 3.18 -8.75
WADING RIVER_IC_1 23522	96.07 5.04 -9.84	87.58 5.10 -6.32	84.65 4.75 -6.72	87.83 4.50 -10.72	87.92 4.97 -5.41	104.51 5.80 -14.52	142.38 7.48 -18.20	159.93 7.88 -20.75	134.97 6.74 -29.09	101.47 5.56 -17.54	91.75 4.47 -14.06	83.16 4.23 -11.76	78.43 4.69 -9.42	75.66 4.41 -8.27	75.98 4.80 -7.92	82.70 4.91 -9.64	103.52 5.74 -16.98	139.38 9.25 -25.04	157.56 10.31 -28.70	138.04 9.70 -29.47	132.29 8.65 -31.58	122.90 7.04 -34.04	99.14 6.20 -16.33	103.65 5.94 -26.96
WADING RIVER_IC_2 23547	96.07 5.04 -9.84	87.58 5.10 -6.32	84.65 4.75 -6.72	87.83 4.50 -10.72	87.92 4.97 -5.41	104.51 5.80 -14.52	142.38 7.48 -18.20	159.93 7.88 -20.75	134.97 6.74 -29.09	101.47 5.56 -17.54	91.75 4.47 -14.06	83.16 4.23 -11.76	78.43 4.69 -9.42	75.66 4.41 -8.27	75.98 4.80 -7.92	82.70 4.91 -9.64	103.52 5.74 -16.98	139.38 9.25 -25.04	157.56 10.31 -28.70	138.04 9.70 -29.47	132.29 8.65 -31.58	122.90 7.04 -34.04	99.14 6.20 -16.33	103.65 5.94 -26.96
WADING RIVER_IC_3 23601	96.07 5.04 -9.84	87.58 5.10 -6.32	84.65 4.75 -6.72	87.83 4.50 -10.72	87.92 4.97 -5.41	104.51 5.80 -14.52	142.38 7.48 -18.20	159.93 7.88 -20.75	134.97 6.74 -29.09	101.47 5.56 -17.54	91.75 4.47 -14.06	83.16 4.23 -11.76	78.43 4.69 -9.42	75.66 4.41 -8.27	75.98 4.80 -7.92	82.70 4.91 -9.64	103.52 5.74 -16.98	139.38 9.25 -25.04	157.56 10.31 -28.70	138.04 9.70 -29.47	132.29 8.65 -31.58	122.90 7.04 -34.04	99.14 6.20 -16.33	103.65 5.94 -26.96
WALDENNY_12_KV_BK2 80841	75.43 -5.76 0.00	70.14 -6.02 0.00	67.11 -6.07 0.00	67.02 -5.59 0.00	72.27 -5.27 0.00	78.80 -5.39 0.00	109.70 -7.00 0.00	123.16 -8.14 0.00	93.59 -5.55 0.00	73.04 -5.33 0.00	68.46 -4.76 0.00	62.66 -4.50 0.00	59.43 -4.89 0.00	58.20 -4.79 0.00	58.13 -5.12 0.00	62.36 -5.79 0.00	73.53 -7.27 0.00	96.68 -8.41 0.00	110.01 -8.54 0.00	92.06 -6.82 0.00	85.06 -7.00 0.00	75.19 -6.63 0.00	70.86 -5.75 0.00	65.65 -5.09 0.00
WALDEN__HYDRO 24148	79.54 2.44 4.09	75.89 2.36 2.62	74.07 2.12 1.23	73.70 2.03 0.95	79.35 2.09 0.29	85.39 2.53 1.32	118.60 3.50 1.60	126.60 3.94 8.63	90.61 3.57 12.10	74.44 3.37 7.30	69.86 2.49 5.85	65.43 2.55 4.28	62.71 2.32 3.92	61.62 2.08 3.44	62.23 2.28 3.29	66.67 2.52 4.01	76.65 2.91 7.05	100.22 3.89 8.75	119.39 4.74 3.89	104.53 4.15 -1.50	93.65 3.68 2.08	81.53 3.03 3.32	75.81 2.76 3.56	70.18 2.19 2.76
WARRENSBURG____ 23737	88.66 7.47 0.00	83.08 6.93 0.00	84.47 6.81 -4.49	82.18 6.75 -2.82	84.75 7.21 0.00	99.85 8.76 -6.91	170.72 12.37 -41.65	145.34 14.05 0.00	109.25 10.11 0.00	86.13 7.76 0.00	79.52 6.30 0.00	72.94 5.78 0.00	69.21 4.89 0.00	67.65 4.66 0.00	68.12 4.87 0.00	73.95 5.79 0.00	88.39 7.59 0.00	127.11 10.61 -11.41	186.64 12.45 -55.65	203.66 10.28 -94.50	159.06 9.39 -57.61	116.53 8.26 -26.44	87.54 7.58 -3.35	83.84 6.86 -6.24
WATERSIDE____6 8 9 23538	94.51 3.57 -9.74	85.67 3.27 -6.25	80.72 3.07 -4.47	78.66 2.83 -3.22	81.18 2.95 -0.69	93.16 3.45 -5.53	139.78 5.02 -18.05	157.61 5.78 -20.54	132.88 4.96 -28.78	100.51 4.78 -17.35	91.00 3.88 -13.90	82.82 4.03 -11.63	77.29 3.67 -9.31	74.56 3.40 -8.17	74.62 3.54 -7.83	81.43 3.75 -9.52	101.71 4.12 -16.79	135.12 5.25 -24.77	153.39 6.40 -28.45	133.57 5.44 -29.25	121.63 4.79 -24.78	100.12 4.17 -14.12	90.07 3.83 -9.63	82.70 3.25 -8.70
WATKINRD_115KV_LN8_ILLION 55919	81.68 0.49 0.00	76.61 0.46 0.00	73.62 0.44 0.00	73.05 0.44 0.00	78.01 0.47 0.00	84.77 0.59 0.00	117.52 0.82 0.00	132.61 1.31 0.00	100.23 1.09 0.00	79.31 0.94 0.00	73.88 0.66 0.00	67.77 0.60 0.00	64.83 0.51 0.00	63.49 0.50 0.00	63.76 0.51 0.00	68.70 0.55 0.00	81.52 0.73 0.00	106.14 1.05 0.00	119.85 1.30 0.00	100.06 1.19 0.00	93.16 1.10 0.00	82.80 0.98 0.00	77.53 0.92 0.00	71.45 0.71 0.00
WATSON__69_KV_BK 1 55734	96.15 5.11 -9.84	87.72 5.25 -6.32	84.87 4.98 -6.71	88.19 4.87 -10.71	88.14 5.20 -5.40	104.67 5.98 -14.51	142.37 7.47 -18.20	159.80 7.75 -20.75	134.87 6.64 -29.09	101.71 5.80 -17.54	91.68 4.39 -14.06	83.36 4.43 -11.76	78.18 4.44 -9.42	75.47 4.22 -8.27	75.66 4.49 -7.92	82.57 4.77 -9.64	103.36 5.58 -16.98	138.85 8.72 -25.04	156.85 9.60 -28.70	137.45 9.10 -29.47	131.92 8.29 -31.58	122.64 6.79 -34.03	99.06 6.13 -16.32	103.22 5.52 -26.95
WDELAWARE__HYD 323627	80.00 2.03 3.22	76.06 1.98 2.07	74.02 1.68 0.84	73.40 1.45 0.67	79.02 1.70 0.23	85.45 2.11 0.84	119.66 3.03 0.08	128.15 3.67 6.81	92.86 3.27 9.55	75.52 2.90 5.76	70.88 2.27 4.62	65.62 2.08 3.62	63.15 1.93 3.09	61.97 1.70 2.71	62.55 1.90 2.60	67.04 2.04 3.16	77.98 2.75 5.56	102.72 4.21 6.58	122.28 5.21 1.47	107.37 4.65 -3.85	95.99 3.96 0.02	83.15 3.19 1.86	76.65 2.75 2.71	71.08 2.33 1.99

WEST BABYLON___IC 23714	95.90 4.87 -9.84	87.49 5.03 -6.32	84.65 4.76 -6.71	87.97 4.65 -10.71	87.83 4.89 -5.40	104.33 5.64 -14.51	141.91 7.00 -18.20	159.27 7.22 -20.75	134.47 6.25 -29.09	101.47 5.56 -17.54	91.53 4.25 -14.06	83.16 4.23 -11.76	77.98 4.24 -9.42	75.28 4.03 -8.27	75.47 4.30 -7.92	82.29 4.50 -9.64	103.11 5.33 -16.98	138.12 7.99 -25.04	156.14 8.89 -28.70	136.75 8.40 -29.47	131.27 7.64 -31.58	122.15 6.30 -34.03	98.68 5.75 -16.32	102.79 5.09 -26.95
WEST CANADA___HYD 24049	81.68 0.49 0.00	76.61 0.46 0.00	73.55 0.37 0.00	72.90 0.29 0.00	78.01 0.47 0.00	84.69 0.51 0.00	117.41 0.70 0.00	132.47 1.18 0.00	100.03 0.89 0.00	79.15 0.78 0.00	73.88 0.66 0.00	67.77 0.60 0.00	64.90 0.58 0.00	63.49 0.50 0.00	63.82 0.57 0.00	68.77 0.61 0.00	81.61 0.81 0.00	106.25 1.16 0.00	119.85 1.31 0.00	100.07 1.19 0.00	93.07 1.01 0.00	82.64 0.82 0.00	77.30 0.69 0.00	71.38 0.64 0.00
WESTERN_NY_WIND 24143	75.51 -5.68 0.00	70.44 -5.71 0.00	67.32 -5.85 0.00	67.24 -5.37 0.00	72.43 -5.12 0.00	79.13 -5.05 0.00	111.57 -5.14 0.00	124.86 -6.43 0.00	94.58 -4.56 0.00	73.43 -4.94 0.00	68.53 -4.69 0.00	62.66 -4.50 0.00	59.17 -5.15 0.00	58.07 -4.91 0.00	57.88 -5.38 0.00	62.23 -5.93 0.00	73.61 -7.19 0.00	97.10 -7.99 0.00	110.72 -7.82 0.00	92.95 -5.93 0.00	85.70 -6.35 0.00	75.93 -5.89 0.00	71.25 -5.36 0.00	65.93 -4.81 0.00
WESTOVER___LESR 323668	80.46 -0.73 0.00	75.24 -0.91 0.00	72.43 -0.95 -0.20	71.94 -0.80 -0.12	76.85 -0.70 0.00	84.07 -0.42 -0.31	118.31 -0.23 -1.83	130.51 -0.79 0.00	98.45 -0.69 0.00	77.59 -0.78 0.00	72.20 -1.03 0.00	66.16 -1.01 0.00	63.16 -1.16 0.00	61.72 -1.26 0.00	61.92 -1.33 0.00	66.66 -1.50 0.00	79.18 -1.62 0.00	104.15 -1.47 -0.53	120.29 -0.83 -2.57	102.75 -0.49 -4.37	93.89 -0.83 -2.66	81.90 -1.15 -1.22	75.69 -1.07 -0.15	69.97 -1.06 -0.29
WETHRSFD_WT_PWR 323626	76.48 -4.71 0.00	70.97 -5.18 0.00	68.20 -4.98 0.00	67.67 -4.94 0.00	73.20 -4.34 0.00	80.23 -3.96 0.00	111.81 -4.90 0.00	123.82 -7.48 0.00	92.90 -6.24 0.00	72.65 -5.72 0.00	67.73 -5.49 0.00	62.12 -5.04 0.00	59.05 -5.27 0.00	57.69 -5.29 0.00	57.69 -5.57 0.00	62.16 -6.00 0.00	73.93 -6.87 0.00	98.04 -7.36 -0.31	113.64 -6.40 -1.50	95.99 -5.44 -2.55	87.72 -5.89 -1.55	76.15 -6.38 -0.71	70.87 -5.83 -0.09	65.53 -5.38 -0.17
WHAVSTOR_138KV_BK127 55557	67.20 1.79 15.77	67.70 1.68 10.12	68.66 1.54 6.06	69.52 1.38 4.47	77.83 1.40 1.11	78.75 1.68 7.12	100.85 2.45 18.31	100.76 2.76 33.29	55.16 2.68 46.66	53.14 2.90 28.13	52.78 2.12 22.56	50.64 2.35 18.87	51.39 2.19 15.11	51.61 1.89 13.26	52.57 2.02 12.70	54.81 2.11 15.46	56.00 2.42 27.22	71.11 3.15 37.13	90.97 3.79 31.37	79.86 3.36 22.38	69.75 2.95 25.25	63.53 2.29 20.59	64.03 2.15 14.73	59.98 1.70 12.46
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	67.20 1.79 15.77	67.70 1.68 10.12	68.66 1.54 6.06	69.52 1.38 4.47	77.83 1.40 1.11	78.75 1.68 7.12	100.85 2.45 18.31	100.76 2.76 33.29	55.16 2.68 46.66	53.14 2.90 28.13	52.78 2.12 22.56	50.64 2.35 18.87	51.39 2.19 15.11	51.61 1.89 13.26	52.57 2.02 12.70	54.81 2.11 15.46	56.00 2.42 27.22	71.11 3.15 37.13	90.97 3.79 31.37	79.86 3.36 22.38	69.75 2.95 25.25	63.53 2.29 20.59	64.03 2.15 14.73	59.98 1.70 12.46
WHITEHAL_115KV_TB1 80871	89.96 8.77 0.00	84.22 8.07 0.00	85.55 7.90 -4.46	83.33 7.91 -2.80	86.07 8.53 0.00	101.17 10.10 -6.88	172.69 14.59 -41.40	147.84 16.54 0.00	110.84 11.70 0.00	87.15 8.78 0.00	80.47 7.25 0.00	73.74 6.58 0.00	69.85 5.53 0.00	68.21 5.23 0.00	68.76 5.50 0.00	74.77 6.61 0.00	89.60 8.81 0.00	128.94 12.51 -11.35	188.71 14.82 -55.35	205.13 12.26 -93.99	160.59 11.23 -57.30	117.78 9.65 -26.30	88.75 8.81 -3.33	84.80 7.85 -6.20
WHITEPLN_13_KV_LOAD 356215	95.40 3.57 -10.64	86.33 3.35 -6.83	81.09 3.07 -4.84	79.08 2.98 -3.49	81.40 3.10 -0.75	93.69 3.54 -5.97	141.28 5.25 -19.32	159.77 6.04 -22.43	135.74 5.16 -31.44	102.19 4.86 -18.96	92.38 3.95 -15.20	83.84 3.96 -12.71	78.17 3.67 -10.18	75.20 3.28 -8.94	75.23 3.42 -8.56	82.25 3.68 -10.42	103.60 4.44 -18.36	137.84 5.78 -26.97	155.85 6.76 -30.55	135.86 5.93 -31.05	124.06 5.25 -26.76	104.43 4.25 -18.35	90.94 3.83 -10.50	83.39 3.18 -9.46
WM_FLOYD_69_KV_BK2 356380	95.25 4.22 -9.84	86.96 4.49 -6.32	84.13 4.24 -6.71	87.53 4.21 -10.71	87.36 4.42 -5.40	103.91 5.22 -14.51	141.20 6.30 -18.20	158.61 6.56 -20.75	133.68 5.45 -29.09	100.69 4.78 -17.54	90.73 3.44 -14.06	82.35 3.43 -11.76	77.34 3.60 -9.42	74.65 3.40 -8.27	74.84 3.67 -7.92	81.68 3.88 -9.64	102.39 4.61 -16.98	137.91 7.78 -25.04	155.66 8.42 -28.70	136.65 8.31 -29.47	131.18 7.55 -31.58	121.91 6.05 -34.03	98.37 5.44 -16.32	102.93 5.24 -26.95
WOODARD___115KV_TB2 355635	79.40 -1.79 0.00	74.40 -1.75 0.00	71.42 -1.76 0.00	70.94 -1.67 0.00	75.84 -1.71 0.00	82.67 -1.52 0.00	114.95 -1.75 0.00	128.54 -2.76 0.00	96.96 -2.18 0.00	76.41 -1.96 0.00	71.17 -2.05 0.00	65.22 -1.95 0.00	62.26 -2.06 0.00	60.91 -2.08 0.00	61.10 -2.15 0.00	65.84 -2.32 0.00	78.29 -2.50 0.00	102.25 -2.84 0.00	115.94 -2.61 0.00	96.80 -2.08 0.00	89.85 -2.21 0.00	79.53 -2.29 0.00	74.31 -2.30 0.00	68.62 -2.12 0.00
YORK___WARBASSE 23770	94.99 4.06 -9.74	86.13 3.73 -6.25	81.01 3.37 -4.47	79.02 3.19 -3.22	81.57 3.33 -0.69	93.59 3.87 -5.53	140.48 5.72 -18.06	158.53 6.70 -20.54	133.47 5.55 -28.78	101.06 5.33 -17.36	208.43 4.39 -130.82	129.43 4.50 -57.77	194.72 4.18 -126.22	191.97 3.91 -125.08	75.24 4.05 -7.94	129.69 4.23 -57.31	102.42 4.77 -16.86	135.92 5.99 -24.84	154.29 7.23 -28.51	134.32 6.13 -29.31	123.99 5.43 -26.50	123.82 4.83 -37.17	90.73 4.37 -9.75	83.32 3.75 -8.82