

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

02/05/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	128.23	103.57	109.50	111.79	102.97	112.94	147.37	205.84	145.18	78.80	71.27	64.02	63.82	63.16	66.34	88.44	122.47	181.44	158.28	99.89	122.28	93.55	120.04	126.34
24138	6.02	4.08	4.09	3.95	3.60	4.07	6.06	9.77	8.07	4.80	4.49	4.10	4.09	4.01	3.93	5.28	7.60	11.57	9.83	6.54	7.72	5.48	6.42	6.14
	-7.13	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	128.02	103.42	109.32	111.64	102.83	112.78	147.09	205.38	144.75	78.54	71.02	63.79	63.59	62.95	66.12	88.13	122.04	180.85	157.79	99.67	122.04	93.22	119.92	126.25
24260	5.81	3.93	3.91	3.79	3.45	3.90	5.78	9.30	7.65	4.53	4.23	3.87	3.87	3.80	3.71	4.98	7.17	10.98	9.34	6.32	7.48	5.35	6.30	6.05
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	128.02	103.42	109.32	111.64	102.83	112.78	147.09	205.38	144.75	78.54	71.02	63.79	63.59	62.95	66.12	88.13	122.04	180.85	157.79	99.67	122.04	93.22	119.92	126.25
24261	5.81	3.93	3.91	3.79	3.45	3.90	5.78	9.30	7.65	4.53	4.23	3.87	3.87	3.80	3.71	4.98	7.17	10.98	9.34	6.32	7.48	5.35	6.30	6.05
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	201.33	190.59	156.31	138.29	113.95	117.07	152.28	211.49	146.87	78.66	70.78	63.29	63.04	62.31	65.82	88.31	123.08	182.03	158.96	100.35	123.31	94.62	122.42	129.15
24011	10.27	7.67	8.44	8.54	7.88	8.20	10.97	15.42	9.77	4.66	4.00	3.37	3.31	3.16	3.41	5.16	8.21	12.16	10.51	7.00	8.75	6.75	8.80	8.96
	-75.98	-92.08	-46.87	-24.17	-7.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	202.58	191.71	157.15	139.08	114.81	118.04	153.72	213.48	148.08	79.20	71.21	63.71	63.44	62.69	66.26	88.97	124.06	183.30	160.07	101.08	124.27	95.36	123.47	130.13
23798	11.09	8.27	9.01	9.20	8.70	9.16	12.41	17.41	10.98	5.19	4.42	3.78	3.71	3.54	3.86	5.81	9.19	13.43	11.62	7.73	9.71	7.50	9.85	9.93
	-76.40	-92.59	-47.13	-24.31	-7.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	201.33	190.59	156.31	138.29	113.95	117.07	152.28	211.49	146.87	78.66	70.78	63.29	63.04	62.31	65.82	88.31	123.08	182.03	158.96	100.35	123.31	94.62	122.42	129.15
24028	10.27	7.67	8.44	8.54	7.88	8.20	10.97	15.42	9.77	4.66	4.00	3.37	3.31	3.16	3.41	5.16	8.21	12.16	10.51	7.00	8.75	6.75	8.80	8.96
	-75.98	-92.08	-46.87	-24.17	-7.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	176.82	161.78	140.38	129.11	109.63	114.92	149.07	206.95	144.22	77.82	70.53	63.23	62.97	62.47	65.93	87.77	121.31	178.48	155.82	98.67	121.84	93.68	121.26	127.97
23527	7.94	5.74	6.18	6.42	5.71	6.04	7.76	10.87	7.12	3.81	3.74	3.30	3.24	3.32	3.53	4.61	6.43	8.61	7.38	5.32	7.28	5.81	7.64	7.77
	-53.80	-65.20	-33.19	-17.12	-5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	154.03	136.42	125.75	119.68	104.63	110.93	144.11	199.97	139.71	75.52	68.27	61.24	61.02	60.45	63.57	84.13	116.10	171.17	149.48	94.33	116.24	89.48	116.53	124.00
24190	3.42	2.52	2.83	2.81	2.50	2.06	2.79	3.90	2.60	1.52	1.48	1.32	1.29	1.29	1.17	0.97	1.23	1.31	1.03	0.99	1.68	1.61	2.91	3.80
	-35.53	-43.06	-21.92	-11.30	-3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	115.96	91.71	102.03	106.95	100.03	110.39	142.73	197.30	137.73	74.18	67.15	60.28	60.21	59.67	63.08	83.90	115.26	169.81	148.34	92.83	114.22	87.72	113.79	120.64
355683	0.88	0.86	1.03	1.38	1.35	1.52	1.42	1.23	0.63	0.17	0.36	0.35	0.48	0.52	0.68	0.75	0.38	-0.06	-0.10	-0.52	-0.34	-0.15	0.17	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	151.55	131.39	125.59	121.95	108.41	116.11	150.96	208.95	144.06	76.37	68.72	61.65	61.51	60.84	63.95	85.57	120.44	178.84	156.15	98.44	121.11	93.11	121.10	129.16
323833	8.26	6.36	7.18	7.41	6.99	7.24	9.65	12.88	6.95	2.37	1.93	1.73	1.78	1.69	1.54	2.42	5.57	8.97	7.70	5.09	6.55	5.24	7.48	8.96
	-28.21	-34.18	-17.40	-8.97	-2.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	151.53	131.39	125.57	121.95	108.38	116.09	150.94	208.95	144.04	76.37	68.72	61.65	61.51	60.83	63.94	85.57	120.43	178.80	156.10	98.41	121.08	93.10	121.07	129.15
323834	8.24	6.36	7.16	7.41	6.96	7.22	9.63	12.88	6.93	2.37	1.93	1.73	1.78	1.68	1.54	2.42	5.56	8.93	7.65	5.06	6.51	5.24	7.45	8.95
	-28.21	-34.18	-17.40	-8.97	-2.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	154.03	136.42	125.75	119.68	104.63	110.93	144.11	199.97	139.71	75.52	68.27	61.24	61.02	60.45	63.57	84.13	116.10	171.17	149.48	94.33	116.24	89.48	116.53	124.00
23571	3.42	2.52	2.83	2.81	2.50	2.06	2.79	3.90	2.60	1.52	1.48	1.32	1.29	1.29	1.17	0.97	1.23	1.31	1.03	0.99	1.68	1.61	2.91	3.80
	-35.53	-43.06	-21.92	-11.30	-3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	154.03 3.42 -35.53	136.42 2.52 -43.06	125.75 2.83 -21.92	119.68 2.81 -11.30	104.63 2.50 -3.45	110.93 2.06 0.00	144.11 2.79 0.00	199.97 3.90 0.00	139.71 2.60 0.00	75.52 1.52 0.00	68.27 1.48 0.00	61.24 1.32 0.00	61.02 1.29 0.00	60.45 1.29 0.00	63.57 1.17 0.00	84.13 0.97 0.00	116.10 1.23 0.00	171.17 1.31 0.00	149.48 1.03 0.00	94.33 0.99 0.00	116.24 1.68 0.00	89.48 1.61 0.00	116.53 2.91 0.00	124.00 3.80 0.00
ALBANY___3 23573	154.03 3.42 -35.53	136.42 2.52 -43.06	125.75 2.83 -21.92	119.68 2.81 -11.30	104.63 2.50 -3.45	110.93 2.06 0.00	144.11 2.79 0.00	199.97 3.90 0.00	139.71 2.60 0.00	75.52 1.52 0.00	68.27 1.48 0.00	61.24 1.32 0.00	61.02 1.29 0.00	60.45 1.29 0.00	63.57 1.17 0.00	84.13 0.97 0.00	116.10 1.23 0.00	171.17 1.31 0.00	149.48 1.03 0.00	94.33 0.99 0.00	116.24 1.68 0.00	89.48 1.61 0.00	116.53 2.91 0.00	124.00 3.80 0.00
ALBANY___4 23574	154.03 3.42 -35.53	136.42 2.52 -43.06	125.75 2.83 -21.92	119.68 2.81 -11.30	104.63 2.50 -3.45	110.93 2.06 0.00	144.11 2.79 0.00	199.97 3.90 0.00	139.71 2.60 0.00	75.52 1.52 0.00	68.27 1.48 0.00	61.24 1.32 0.00	61.02 1.29 0.00	60.45 1.29 0.00	63.57 1.17 0.00	84.13 0.97 0.00	116.10 1.23 0.00	171.17 1.31 0.00	149.48 1.03 0.00	94.33 0.99 0.00	116.24 1.68 0.00	89.48 1.61 0.00	116.53 2.91 0.00	124.00 3.80 0.00
ALBANY___LFGE 323615	167.97 4.44 -48.45	152.83 3.27 -58.72	134.53 3.63 -29.89	124.64 3.65 -15.41	106.67 3.28 -4.71	111.93 3.06 0.00	145.48 4.17 0.00	201.93 5.86 0.00	141.09 3.99 0.00	76.25 2.25 0.00	68.91 2.12 0.00	61.82 1.90 0.00	61.58 1.85 0.00	61.00 1.85 0.00	64.19 1.79 0.00	85.08 1.93 0.00	117.60 2.73 0.00	173.45 3.58 0.00	151.45 3.00 0.00	95.58 2.23 0.00	117.71 3.15 0.00	90.53 2.67 0.00	117.67 4.05 0.00	125.04 4.84 0.00
ALCOA_PA_115KV_PL-6C 55860	116.98 1.90 0.00	92.91 2.07 0.00	103.40 2.40 0.00	108.41 2.83 0.00	101.36 2.67 0.00	111.93 3.05 0.00	144.65 3.34 0.00	199.93 3.86 0.00	139.52 2.42 0.00	75.14 1.14 0.00	68.04 1.25 0.00	61.08 1.15 0.00	61.01 1.27 0.00	60.43 1.28 0.00	63.89 1.49 0.00	84.92 1.76 0.00	116.59 1.72 0.00	171.27 1.41 0.00	149.58 1.14 0.00	93.26 -0.09 0.00	114.76 0.19 0.00	88.50 0.64 0.00	115.25 1.63 0.00	121.87 1.67 0.00
ALCOA_RYNLDS___DRP 24188	116.98 1.90 0.00	92.91 2.07 0.00	103.40 2.40 0.00	108.41 2.83 0.00	101.36 2.67 0.00	111.93 3.05 0.00	144.65 3.34 0.00	199.93 3.86 0.00	139.52 2.42 0.00	75.14 1.14 0.00	68.04 1.25 0.00	61.08 1.15 0.00	61.01 1.27 0.00	60.43 1.28 0.00	63.89 1.49 0.00	84.92 1.76 0.00	116.59 1.72 0.00	171.27 1.41 0.00	149.58 1.14 0.00	93.26 -0.09 0.00	114.76 0.19 0.00	88.50 0.64 0.00	115.25 1.63 0.00	121.87 1.67 0.00
ALCOA___DSASP 323711	116.97 1.89 0.00	92.91 2.07 0.00	103.40 2.40 0.00	108.41 2.83 0.00	101.36 2.67 0.00	111.93 3.06 0.00	144.65 3.34 0.00	199.93 3.86 0.00	139.52 2.42 0.00	75.14 1.14 0.00	68.04 1.25 0.00	61.08 1.15 0.00	61.00 1.28 0.00	60.43 1.28 0.00	63.89 1.49 0.00	84.92 1.77 0.00	116.59 1.72 0.00	171.27 1.41 0.00	149.58 1.14 0.00	93.25 -0.10 0.00	114.76 0.19 0.00	88.50 0.64 0.00	115.25 1.63 0.00	121.87 1.67 0.00
ALLEGHENY___COGEN 23514	111.18 -3.90 0.00	88.00 -2.85 0.00	97.88 -3.13 0.00	99.45 -6.13 0.00	91.42 -7.26 0.00	99.94 -8.94 0.00	129.91 -11.40 0.00	181.51 -14.56 0.00	127.48 -9.63 0.00	68.94 -5.07 0.00	61.41 -5.38 0.00	54.35 -5.57 0.00	53.22 -6.50 0.00	52.77 -6.38 0.00	55.57 -6.83 0.00	72.09 -11.06 0.00	101.16 -13.71 0.00	153.04 -16.83 0.00	135.06 -13.39 0.00	84.44 -8.91 0.00	102.43 -12.13 0.00	78.44 -7.21 2.21	109.92 -3.70 0.00	115.68 -4.52 0.00
ALTAMONT_115KV_TB 2 55880	146.89 3.74 -28.08	127.53 2.66 -34.02	121.26 2.93 -17.32	117.46 2.95 -8.93	104.05 2.64 -2.73	111.52 2.65 0.00	144.94 3.63 0.00	201.26 5.19 0.00	140.74 3.63 0.00	75.97 1.96 0.00	68.58 1.79 0.00	61.48 1.55 0.00	61.25 1.52 0.00	60.66 1.51 0.00	63.90 1.49 0.00	85.02 1.87 0.00	117.63 2.76 0.00	173.84 3.97 0.00	151.88 3.44 0.00	95.82 2.47 0.00	117.77 3.20 0.00	90.47 2.61 0.00	117.13 3.51 0.00	124.01 3.81 0.00
ALTONA_WT_PWR 323606	115.89 0.81 0.00	92.14 1.29 0.00	102.84 1.83 0.00	108.01 2.44 0.00	101.06 2.37 0.00	111.35 2.48 0.00	143.85 2.54 0.00	197.27 1.20 0.00	137.72 0.62 0.00	74.32 0.31 0.00	67.80 1.01 0.00	60.75 0.82 0.00	60.58 0.85 0.00	60.13 0.98 0.00	63.54 1.14 0.00	84.73 1.57 0.00	115.45 0.57 0.00	170.00 0.13 0.00	148.51 0.07 0.00	93.09 -0.25 0.00	114.73 0.16 0.00	88.68 0.81 0.00	114.89 1.27 0.00	122.43 2.23 0.00
AMERICAN_REF_FUEL 24010	103.80 -11.27 0.00	82.28 -8.57 0.00	91.96 -9.05 0.00	95.55 -10.03 0.00	89.52 -9.16 0.00	98.34 -10.53 0.00	126.11 -15.20 0.00	172.94 -23.12 0.00	122.10 -15.01 0.00	66.94 -7.06 0.00	60.28 -6.51 0.00	53.80 -6.12 0.00	53.05 -6.68 0.00	52.72 -6.44 0.00	55.68 -6.73 0.00	73.59 -9.57 0.00	100.38 -14.49 0.00	148.95 -20.92 -0.01	131.00 -17.46 -0.01	82.09 -11.25 0.00	100.12 -14.44 0.00	74.37 -11.71 1.79	100.08 -13.54 0.00	107.94 -12.26 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	109.59 -5.49 0.00	86.84 -4.01 0.00	96.95 -4.06 0.00	100.85 -4.72 0.00	94.62 -4.06 0.00	104.14 -4.73 0.00	134.71 -6.60 0.00	186.01 -10.06 0.00	131.00 -6.10 0.00	71.54 -2.47 0.00	64.21 -2.58 0.00	57.40 -2.52 0.00	56.80 -2.93 0.00	56.68 -2.48 0.00	59.84 -2.56 0.00	79.29 -3.87 0.00	108.69 -6.18 0.00	161.62 -8.25 0.00	141.80 -6.64 0.00	88.56 -4.79 0.00	106.79 -7.77 0.00	78.26 -7.67 1.94	104.06 -9.56 0.00	111.07 -9.13 0.00
ARTHUR KILL_GT_1 23520	127.06 4.84 -7.14	102.59 3.10 -8.65	108.48 3.07 -4.40	110.79 2.95 -2.27	101.95 2.57 -0.69	111.94 3.06 0.00	145.88 4.57 0.00	202.11 6.60 0.56	143.59 6.48 0.00	76.41 3.87 1.46	57.79 3.43 12.43	61.48 3.15 1.59	57.16 3.19 5.76	58.78 3.11 3.48	-77.70 2.91 143.02	-32.83 3.98 119.96	98.71 5.84 22.00	181.84 9.16 -2.81	253.61 8.10 -97.07	131.46 5.41 -32.70	124.02 6.47 -2.99	92.67 4.80 0.00	119.04 5.42 0.00	125.33 5.13 0.00
ARTHUR_KILL_2 23512	126.71 4.49 -7.14	102.31 2.82 -8.65	108.18 2.77 -4.40	110.47 2.63 -2.27	101.64 2.27 -0.69	111.60 2.73 0.00	145.42 4.11 0.00	201.43 5.92 0.56	143.11 6.00 0.00	76.19 3.65 1.46	57.59 3.23 12.43	61.32 2.99 1.59	56.99 3.02 5.76	58.63 2.96 3.48	-77.86 2.76 143.02	-33.06 3.74 119.96	98.35 5.48 22.00	181.23 8.55 -2.81	253.09 7.58 -97.07	131.18 5.13 -32.70	123.69 6.15 -2.99	92.40 4.54 0.00	118.77 5.15 0.00	125.05 4.85 0.00
ARTHUR_KILL_3 23513	105.35 4.23 13.95	85.52 2.67 7.99	83.08 2.50 20.43	82.85 2.34 25.06	82.34 2.08 18.42	97.43 2.33 13.78	132.62 3.70 12.40	189.81 6.38 12.64	133.18 5.69 9.62	72.08 3.40 5.33	59.42 3.18 10.55	60.14 2.94 2.73	56.94 2.97 5.76	58.56 2.88 3.48	60.14 2.73 4.99	63.74 3.72 23.13	79.61 5.45 40.70	141.32 8.49 37.04	141.81 7.20 13.83	85.16 4.99 13.18	110.53 5.88 9.91	86.24 4.14 5.77	99.97 4.72 18.37	109.76 4.40 14.84

ARTHUR_KILL_COGEN 323718	127.06 4.84 -7.14	102.59 3.10 -8.65	108.48 3.07 -4.40	110.79 2.95 -2.27	101.95 2.57 -0.69	111.94 3.06 0.00	145.88 4.57 0.00	202.11 6.60 0.56	143.59 6.48 0.00	76.41 3.87 1.46	57.79 3.43 12.43	61.48 3.15 1.59	57.16 3.19 5.76	58.78 3.11 3.48	-77.70 2.91 143.02	-32.83 3.98 119.96	98.71 5.84 22.00	181.84 9.16 -2.81	253.61 8.10 -97.07	131.46 5.41 -32.70	124.02 6.47 -2.99	92.67 4.80 0.00	119.04 5.42 0.00	125.33 5.13 0.00
ASHOKAN____ 23654	143.78 8.14 -20.57	121.69 5.93 -24.93	120.35 6.65 -12.69	119.18 7.06 -6.54	107.67 6.99 -2.00	116.63 7.76 0.00	152.11 10.80 0.00	211.95 15.88 0.00	147.66 10.55 0.00	78.90 4.89 0.00	70.71 3.92 0.00	63.13 3.21 0.00	62.77 3.05 0.00	62.16 3.01 0.00	65.52 3.12 0.00	87.77 4.61 0.00	122.75 7.88 0.00	183.05 13.18 0.00	160.15 11.71 0.00	101.16 7.81 0.00	123.99 9.42 0.00	94.90 7.03 0.00	122.75 9.13 0.00	129.96 9.77 0.00
ASTORIA_EAST_ENERGY_CC1 323581	127.25 5.03 -7.14	102.76 3.27 -8.65	108.60 3.19 -4.40	110.65 2.81 -2.27	101.91 2.53 -0.69	111.99 3.11 0.00	145.90 4.59 0.00	203.38 7.31 0.00	143.40 6.30 0.00	77.74 3.73 0.00	70.53 3.74 0.00	63.31 3.38 0.00	63.04 3.31 0.00	62.37 3.21 0.00	65.30 2.89 0.00	87.13 3.97 0.00	120.61 5.74 0.00	179.10 9.23 0.00	156.51 8.06 0.00	98.94 5.60 0.00	121.10 6.54 0.00	92.43 4.57 0.00	118.99 5.37 0.00	125.26 5.06 0.00
ASTORIA_EAST_ENERGY_CC2 323582	127.25 5.03 -7.14	102.76 3.27 -8.65	108.60 3.19 -4.40	110.65 2.81 -2.27	101.91 2.53 -0.69	111.99 3.11 0.00	145.90 4.59 0.00	203.38 7.31 0.00	143.40 6.30 0.00	77.74 3.73 0.00	70.53 3.74 0.00	63.31 3.38 0.00	63.04 3.31 0.00	62.37 3.21 0.00	65.30 2.89 0.00	87.13 3.97 0.00	120.61 5.74 0.00	179.10 9.23 0.00	156.51 8.06 0.00	98.94 5.60 0.00	121.10 6.54 0.00	92.43 4.57 0.00	118.99 5.37 0.00	125.25 5.05 0.00
ASTORIA_GT2_1 24094	127.33 5.12 -7.14	102.79 3.30 -8.65	108.64 3.23 -4.40	110.72 2.88 -2.27	101.94 2.56 -0.69	112.04 3.17 0.00	145.97 4.66 0.00	203.48 7.41 0.00	143.49 6.39 0.00	77.79 3.78 0.00	70.52 3.73 0.00	63.29 3.37 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.68 5.81 0.00	179.19 9.32 0.00	156.62 8.17 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.50 4.63 0.00	119.08 5.46 0.00	125.33 5.13 0.00
ASTORIA_GT2_2 24095	127.33 5.12 -7.14	102.79 3.30 -8.65	108.64 3.23 -4.40	110.72 2.88 -2.27	101.94 2.56 -0.69	112.04 3.17 0.00	145.97 4.66 0.00	203.48 7.41 0.00	143.49 6.39 0.00	77.79 3.78 0.00	70.52 3.73 0.00	63.29 3.37 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.68 5.81 0.00	179.19 9.32 0.00	156.62 8.17 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.50 4.63 0.00	119.08 5.46 0.00	125.33 5.13 0.00
ASTORIA_GT2_3 24096	127.33 5.12 -7.14	102.79 3.30 -8.65	108.64 3.23 -4.40	110.72 2.88 -2.27	101.94 2.56 -0.69	112.04 3.17 0.00	145.97 4.66 0.00	203.48 7.41 0.00	143.49 6.39 0.00	77.79 3.78 0.00	70.52 3.73 0.00	63.29 3.37 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.68 5.81 0.00	179.19 9.32 0.00	156.62 8.17 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.50 4.63 0.00	119.08 5.46 0.00	125.33 5.13 0.00
ASTORIA_GT2_4 24097	127.33 5.12 -7.14	102.79 3.30 -8.65	108.64 3.23 -4.40	110.72 2.88 -2.27	101.94 2.56 -0.69	112.04 3.17 0.00	145.97 4.66 0.00	203.48 7.41 0.00	143.49 6.39 0.00	77.79 3.78 0.00	70.52 3.73 0.00	63.29 3.37 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.68 5.81 0.00	179.19 9.32 0.00	156.62 8.17 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.50 4.63 0.00	119.08 5.46 0.00	125.33 5.13 0.00
ASTORIA_GT3_1 24098	127.33 5.12 -7.14	102.79 3.30 -8.65	108.64 3.23 -4.40	110.72 2.88 -2.27	101.94 2.56 -0.69	112.04 3.17 0.00	145.97 4.66 0.00	203.48 7.41 0.00	143.49 6.39 0.00	77.79 3.78 0.00	70.52 3.73 0.00	63.29 3.37 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.68 5.81 0.00	179.19 9.32 0.00	156.62 8.17 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.50 4.63 0.00	119.08 5.46 0.00	125.32 5.12 0.00
ASTORIA_GT3_2 24099	127.33 5.12 -7.14	102.79 3.30 -8.65	108.64 3.23 -4.40	110.72 2.88 -2.27	101.94 2.56 -0.69	112.04 3.17 0.00	145.97 4.66 0.00	203.48 7.41 0.00	143.49 6.39 0.00	77.79 3.78 0.00	70.52 3.73 0.00	63.29 3.37 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.68 5.81 0.00	179.19 9.32 0.00	156.62 8.17 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.50 4.63 0.00	119.08 5.46 0.00	125.32 5.12 0.00
ASTORIA_GT3_3 24100	127.33 5.12 -7.14	102.79 3.30 -8.65	108.64 3.23 -4.40	110.72 2.88 -2.27	101.94 2.56 -0.69	112.04 3.17 0.00	145.97 4.66 0.00	203.48 7.41 0.00	143.49 6.39 0.00	77.79 3.78 0.00	70.52 3.73 0.00	63.29 3.37 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.68 5.81 0.00	179.19 9.32 0.00	156.62 8.17 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.50 4.63 0.00	119.08 5.46 0.00	125.32 5.12 0.00
ASTORIA_GT3_4 24101	127.33 5.12 -7.14	102.79 3.30 -8.65	108.64 3.23 -4.40	110.72 2.88 -2.27	101.94 2.56 -0.69	112.04 3.17 0.00	145.97 4.66 0.00	203.48 7.41 0.00	143.49 6.39 0.00	77.79 3.78 0.00	70.52 3.73 0.00	63.29 3.37 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.68 5.81 0.00	179.19 9.32 0.00	156.62 8.17 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.50 4.63 0.00	119.08 5.46 0.00	125.32 5.12 0.00
ASTORIA_GT4_1 24102	127.33 5.12 -7.14	102.79 3.30 -8.65	108.64 3.23 -4.40	110.72 2.88 -2.27	101.94 2.56 -0.69	112.04 3.17 0.00	145.97 4.66 0.00	203.48 7.41 0.00	143.49 6.39 0.00	77.79 3.78 0.00	70.52 3.73 0.00	63.29 3.37 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.68 5.81 0.00	179.19 9.32 0.00	156.62 8.17 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.50 4.63 0.00	119.08 5.46 0.00	125.32 5.12 0.00
ASTORIA_GT4_2 24103	127.33 5.12 -7.14	102.79 3.30 -8.65	108.64 3.23 -4.40	110.72 2.88 -2.27	101.94 2.56 -0.69	112.04 3.17 0.00	145.97 4.66 0.00	203.48 7.41 0.00	143.49 6.39 0.00	77.79 3.78 0.00	70.52 3.73 0.00	63.29 3.37 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.68 5.81 0.00	179.19 9.32 0.00	156.62 8.17 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.50 4.63 0.00	119.08 5.46 0.00	125.32 5.12 0.00
ASTORIA_GT4_3 24104	127.33 5.12 -7.14	102.79 3.30 -8.65	108.64 3.23 -4.40	110.72 2.88 -2.27	101.94 2.56 -0.69	112.04 3.17 0.00	145.97 4.66 0.00	203.48 7.41 0.00	143.49 6.39 0.00	77.79 3.78 0.00	70.52 3.73 0.00	63.29 3.37 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.68 5.81 0.00	179.19 9.32 0.00	156.62 8.17 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.50 4.63 0.00	119.08 5.46 0.00	125.32 5.12 0.00

ASTORIA_GT4_4 24105	127.33 5.12 -7.14	102.79 3.30 -8.65	108.64 3.23 -4.40	110.72 2.88 -2.27	101.94 2.56 -0.69	112.04 3.17 0.00	145.97 4.66 0.00	203.48 7.41 0.00	143.49 6.39 0.00	77.79 3.78 0.00	70.52 3.73 0.00	63.29 3.37 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.68 5.81 0.00	179.19 9.32 0.00	156.62 8.17 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.50 4.63 0.00	119.08 5.46 0.00	125.32 5.12 0.00
ASTORIA_GT_1 23523	127.54 5.32 -7.14	102.97 3.48 -8.65	108.82 3.41 -4.40	110.90 3.05 -2.27	102.13 2.75 -0.69	112.24 3.37 0.00	146.25 4.94 0.00	203.90 7.82 0.00	143.80 6.69 0.00	77.96 3.95 0.00	70.70 3.91 0.00	63.46 3.53 0.00	63.19 3.46 0.00	62.52 3.36 0.00	65.45 3.05 0.00	87.33 4.18 0.00	120.94 6.07 0.00	179.59 9.72 0.00	156.94 8.49 0.00	99.18 5.84 0.00	121.41 6.85 0.00	92.66 4.80 0.00	119.31 5.69 0.00	125.53 5.33 0.00
ASTORIA_GT_10 24110	127.18 4.96 -7.14	102.77 3.28 -8.65	108.62 3.21 -4.40	110.84 3.00 -2.27	102.06 2.69 -0.69	111.94 3.07 0.00	145.98 4.66 0.00	203.79 7.72 0.00	143.78 6.67 0.00	77.99 3.99 0.00	70.60 3.81 0.00	63.45 3.53 0.00	63.30 3.57 0.00	62.68 3.52 0.00	65.74 3.34 0.00	87.68 4.52 0.00	121.42 6.55 0.00	180.05 10.18 0.00	157.07 8.62 0.00	99.20 5.85 0.00	121.40 6.84 0.00	92.69 4.83 0.00	119.21 5.59 0.00	125.48 5.28 0.00
ASTORIA_GT_11 24225	127.18 4.96 -7.14	102.77 3.28 -8.65	108.62 3.21 -4.40	110.84 3.00 -2.27	102.06 2.69 -0.69	111.94 3.07 0.00	145.98 4.66 0.00	203.79 7.72 0.00	143.78 6.67 0.00	77.99 3.99 0.00	70.60 3.81 0.00	63.45 3.53 0.00	63.30 3.57 0.00	62.68 3.52 0.00	65.74 3.34 0.00	87.68 4.52 0.00	121.42 6.55 0.00	180.05 10.18 0.00	157.07 8.62 0.00	99.20 5.85 0.00	121.40 6.84 0.00	92.69 4.83 0.00	119.21 5.59 0.00	125.48 5.28 0.00
ASTORIA_GT_12 24226	127.18 4.96 -7.14	102.77 3.28 -8.65	108.62 3.21 -4.40	110.84 3.00 -2.27	102.06 2.69 -0.69	111.94 3.07 0.00	145.98 4.66 0.00	203.79 7.72 0.00	143.78 6.67 0.00	77.99 3.99 0.00	70.60 3.81 0.00	63.45 3.53 0.00	63.30 3.57 0.00	62.68 3.52 0.00	65.74 3.34 0.00	87.68 4.52 0.00	121.42 6.55 0.00	180.05 10.18 0.00	157.07 8.62 0.00	99.20 5.85 0.00	121.40 6.84 0.00	92.69 4.83 0.00	119.21 5.59 0.00	125.48 5.28 0.00
ASTORIA_GT_13 24227	127.18 4.96 -7.14	102.77 3.28 -8.65	108.62 3.21 -4.40	110.84 3.00 -2.27	102.06 2.69 -0.69	111.94 3.07 0.00	145.98 4.66 0.00	203.79 7.72 0.00	143.78 6.67 0.00	77.99 3.99 0.00	70.60 3.81 0.00	63.45 3.53 0.00	63.30 3.57 0.00	62.68 3.52 0.00	65.74 3.34 0.00	87.68 4.52 0.00	121.42 6.55 0.00	180.05 10.18 0.00	157.07 8.62 0.00	99.20 5.85 0.00	121.40 6.84 0.00	92.69 4.83 0.00	119.21 5.59 0.00	125.48 5.28 0.00
ASTORIA_GT_5 24106	127.56 5.35 -7.14	102.97 3.48 -8.65	108.82 3.41 -4.40	110.90 3.05 -2.27	102.13 2.75 -0.69	112.24 3.37 0.00	146.25 4.94 0.00	203.92 7.85 0.00	143.80 6.69 0.00	77.96 3.95 0.00	70.66 3.87 0.00	63.42 3.49 0.00	63.18 3.45 0.00	62.51 3.36 0.00	65.45 3.04 0.00	87.34 4.19 0.00	120.94 6.07 0.00	179.59 9.73 0.00	156.95 8.50 0.00	99.19 5.84 0.00	121.41 6.85 0.00	92.67 4.81 0.00	119.31 5.69 0.00	125.54 5.34 0.00
ASTORIA_GT_7 24107	127.56 5.35 -7.14	102.97 3.48 -8.65	108.82 3.41 -4.40	110.90 3.05 -2.27	102.13 2.75 -0.69	112.24 3.37 0.00	146.25 4.94 0.00	203.92 7.85 0.00	143.80 6.69 0.00	77.96 3.95 0.00	70.66 3.87 0.00	63.42 3.49 0.00	63.18 3.45 0.00	62.51 3.36 0.00	65.45 3.04 0.00	87.34 4.19 0.00	120.94 6.07 0.00	179.59 9.73 0.00	156.95 8.50 0.00	99.19 5.84 0.00	121.41 6.85 0.00	92.67 4.81 0.00	119.31 5.69 0.00	125.54 5.34 0.00
ASTORIA_GT_8 24108	127.56 5.35 -7.14	102.97 3.48 -8.65	108.82 3.41 -4.40	110.90 3.05 -2.27	102.13 2.75 -0.69	112.24 3.37 0.00	146.25 4.94 0.00	203.92 7.85 0.00	143.80 6.69 0.00	77.96 3.95 0.00	70.66 3.87 0.00	63.42 3.49 0.00	63.18 3.45 0.00	62.51 3.36 0.00	65.45 3.04 0.00	87.34 4.19 0.00	120.94 6.07 0.00	179.59 9.73 0.00	156.95 8.50 0.00	99.19 5.84 0.00	121.41 6.85 0.00	92.67 4.81 0.00	119.31 5.69 0.00	125.54 5.34 0.00
ASTORIA___2 24149	127.32 5.10 -7.14	102.79 3.29 -8.65	108.64 3.23 -4.40	110.72 2.87 -2.27	101.94 2.57 -0.69	112.04 3.17 0.00	145.97 4.65 0.00	203.48 7.41 0.00	143.49 6.38 0.00	77.79 3.78 0.00	70.54 3.75 0.00	63.33 3.41 0.00	63.05 3.32 0.00	62.39 3.23 0.00	65.32 2.92 0.00	87.16 4.01 0.00	120.70 5.83 0.00	179.17 9.30 0.00	156.60 8.15 0.00	98.99 5.64 0.00	121.18 6.62 0.00	92.49 4.62 0.00	119.08 5.46 0.00	125.32 5.12 0.00
ASTORIA___3 23516	127.18 4.96 -7.14	102.77 3.28 -8.65	108.61 3.20 -4.40	110.84 3.00 -2.27	102.06 2.69 -0.69	111.94 3.06 0.00	145.97 4.66 0.00	203.77 7.70 0.00	143.77 6.67 0.00	77.99 3.98 0.00	70.63 3.84 0.00	63.48 3.55 0.00	63.31 3.58 0.00	62.68 3.52 0.00	65.74 3.34 0.00	87.68 4.52 0.00	121.42 6.55 0.00	180.03 10.16 0.00	157.05 8.60 0.00	99.19 5.84 0.00	121.40 6.84 0.00	92.68 4.81 0.00	119.22 5.60 0.00	125.47 5.27 0.00
ASTORIA___4 23517	127.18 4.96 -7.14	102.77 3.28 -8.65	108.62 3.21 -4.40	110.84 3.00 -2.27	102.06 2.69 -0.69	111.94 3.07 0.00	145.98 4.66 0.00	203.79 7.72 0.00	143.78 6.67 0.00	77.99 3.99 0.00	70.60 3.81 0.00	63.45 3.53 0.00	63.30 3.57 0.00	62.68 3.52 0.00	65.74 3.34 0.00	87.68 4.52 0.00	121.42 6.55 0.00	180.05 10.18 0.00	157.07 8.62 0.00	99.20 5.85 0.00	121.40 6.84 0.00	92.69 4.82 0.00	119.21 5.59 0.00	125.48 5.28 0.00
ASTORIA___5 23518	127.18 4.96 -7.14	102.77 3.28 -8.65	108.61 3.20 -4.40	110.84 3.00 -2.27	102.06 2.69 -0.69	111.94 3.06 0.00	145.97 4.66 0.00	203.77 7.70 0.00	143.77 6.67 0.00	77.99 3.98 0.00	70.63 3.84 0.00	63.48 3.55 0.00	63.31 3.58 0.00	62.68 3.52 0.00	65.74 3.34 0.00	87.68 4.52 0.00	121.42 6.55 0.00	180.03 10.16 0.00	157.05 8.60 0.00	99.19 5.84 0.00	121.40 6.84 0.00	92.68 4.81 0.00	119.22 5.60 0.00	125.48 5.28 0.00
AST_ENERGY_2_CC3 323677	127.03 4.81 -7.14	102.66 3.17 -8.65	108.41 3.00 -4.40	110.68 2.83 -2.27	101.87 2.49 -0.69	111.56 2.69 0.00	145.53 4.22 0.00	203.20 7.13 0.00	143.25 6.14 0.00	77.59 3.59 0.00	70.37 3.58 0.00	63.23 3.30 0.00	63.05 3.32 0.00	62.41 3.25 0.00	65.52 3.12 0.00	87.32 4.17 0.00	120.82 5.94 0.00	179.01 9.14 0.00	156.18 7.74 0.00	98.67 5.32 0.00	120.86 6.30 0.00	92.38 4.52 0.00	118.91 5.29 0.00	125.33 5.13 0.00
AST_ENERGY_2_CC4 323678	127.03 4.81 -7.14	102.66 3.17 -8.65	108.41 3.00 -4.40	110.68 2.83 -2.27	101.87 2.49 -0.69	111.56 2.69 0.00	145.53 4.22 0.00	203.20 7.13 0.00	143.25 6.14 0.00	77.59 3.59 0.00	70.37 3.58 0.00	63.23 3.30 0.00	63.05 3.32 0.00	62.41 3.25 0.00	65.52 3.12 0.00	87.32 4.17 0.00	120.82 5.94 0.00	179.01 9.14 0.00	156.18 7.74 0.00	98.67 5.32 0.00	120.86 6.30 0.00	92.38 4.52 0.00	118.91 5.29 0.00	125.33 5.13 0.00

ATHENS_STG_1 23668	124.27 3.81 -5.38	99.94 2.58 -6.52	107.11 2.78 -3.32	110.01 2.73 -1.71	101.65 2.44 -0.52	111.44 2.56 0.00	144.84 3.53 0.00	201.37 5.30 0.00	141.21 4.11 0.00	76.42 2.41 0.00	69.01 2.22 0.00	61.91 1.99 0.00	61.67 1.94 0.00	61.07 1.91 0.00	64.29 1.88 0.00	85.67 2.52 0.00	118.40 3.53 0.00	175.02 5.16 0.00	152.88 4.43 0.00	96.51 3.16 0.00	118.46 3.90 0.00	90.86 3.00 0.00	117.39 3.77 0.00	123.95 3.76 0.00
ATHENS_STG_2 23670	124.27 3.81 -5.38	99.94 2.58 -6.52	107.11 2.78 -3.32	110.01 2.73 -1.71	101.65 2.44 -0.52	111.44 2.56 0.00	144.84 3.53 0.00	201.37 5.30 0.00	141.21 4.11 0.00	76.42 2.41 0.00	69.01 2.22 0.00	61.91 1.99 0.00	61.67 1.94 0.00	61.07 1.91 0.00	64.29 1.88 0.00	85.67 2.52 0.00	118.40 3.53 0.00	175.02 5.16 0.00	152.88 4.43 0.00	96.51 3.16 0.00	118.46 3.90 0.00	90.86 3.00 0.00	117.39 3.77 0.00	123.95 3.76 0.00
ATHENS_STG_3 23677	124.27 3.81 -5.38	99.94 2.58 -6.52	107.11 2.78 -3.32	110.01 2.73 -1.71	101.65 2.44 -0.52	111.44 2.56 0.00	144.84 3.53 0.00	201.37 5.30 0.00	141.21 4.11 0.00	76.42 2.41 0.00	69.01 2.22 0.00	61.91 1.99 0.00	61.67 1.94 0.00	61.07 1.91 0.00	64.29 1.88 0.00	85.67 2.52 0.00	118.40 3.53 0.00	175.02 5.16 0.00	152.88 4.43 0.00	96.51 3.16 0.00	118.46 3.90 0.00	90.86 3.00 0.00	117.39 3.77 0.00	123.95 3.76 0.00
AUBURN___LFGE 323710	113.52 -1.56 0.00	89.53 -1.31 0.00	99.24 -1.76 0.00	103.51 -2.06 0.00	96.93 -1.75 0.00	107.11 -1.76 0.00	139.25 -2.07 0.00	193.47 -2.60 0.00	136.00 -1.11 0.00	73.61 -0.39 0.00	66.18 -0.62 0.00	58.97 -0.95 0.00	58.74 -0.98 0.00	57.88 -1.28 0.00	61.23 -1.17 0.00	81.86 -1.29 0.00	113.72 -1.15 0.00	168.35 -1.52 0.00	147.51 -0.93 0.00	92.61 -0.74 0.00	113.21 -1.36 0.00	86.27 -1.40 0.19	111.75 -1.87 0.00	117.92 -2.27 0.00
BABYLON_RES_REC 323704	137.42 7.61 -14.72	115.76 5.29 -19.63	120.17 5.07 -14.09	114.10 4.70 -3.83	104.62 4.21 -1.73	118.20 5.05 -4.27	148.38 7.07 0.00	206.68 10.61 0.00	146.12 9.01 0.00	92.71 5.78 -12.93	71.23 4.44 0.00	63.62 3.70 0.00	63.33 3.60 0.00	62.47 3.31 0.00	65.93 3.53 0.00	88.26 5.11 0.00	123.29 8.42 0.00	203.64 12.59 -21.18	160.49 10.76 -1.29	149.08 8.14 -47.58	143.87 9.74 -19.56	154.09 7.04 -59.19	156.93 8.40 -34.90	162.68 8.42 -34.06
BABYLON__69_KV_BK2 356345	137.97 8.89 -14.00	115.71 6.27 -18.59	120.31 6.13 -13.17	115.02 5.76 -3.68	105.51 5.20 -1.63	118.90 6.17 -3.86	149.84 8.53 0.00	208.63 12.56 0.00	147.57 10.47 0.00	93.58 6.64 -12.93	71.89 5.10 0.00	64.19 4.27 0.00	63.91 4.18 0.00	63.02 3.87 0.00	66.57 4.16 0.00	89.22 6.07 0.00	124.76 9.89 0.00	208.42 14.38 -24.16	164.75 12.33 -3.98	154.31 9.39 -51.57	147.07 11.27 -21.24	159.14 8.16 -63.11	166.82 9.89 -43.31	184.72 9.98 -54.54
BALL_HILL_WT_PWR 323825	108.17 -6.91 0.00	85.67 -5.18 0.00	95.65 -5.35 0.00	99.44 -6.14 0.00	93.23 -5.45 0.00	102.52 -6.36 0.00	132.38 -8.93 0.00	182.49 -13.58 0.00	128.59 -8.51 0.00	70.28 -3.73 0.00	63.19 -3.60 0.00	56.48 -3.45 0.00	55.92 -3.81 0.00	55.83 -3.33 0.00	58.95 -3.45 0.00	78.05 -5.11 0.00	106.91 -7.96 0.00	158.85 -11.02 0.00	139.50 -8.95 0.00	87.18 -6.17 0.00	105.40 -9.17 0.00	77.85 -8.13 1.89	103.83 -9.79 0.00	111.15 -9.05 0.00
BARON_WINDS___WT_PWR 323822	112.47 -4.76 -2.15	89.97 -3.48 -2.60	98.40 -3.93 -1.32	101.90 -4.35 -0.68	95.12 -3.77 -0.21	104.56 -4.31 0.00	135.41 -5.90 0.00	187.87 -8.20 0.00	131.82 -5.29 0.00	71.69 -2.31 0.00	64.30 -2.49 0.00	57.48 -2.44 0.00	57.10 -2.63 0.00	56.68 -2.48 0.00	59.65 -2.75 0.00	79.37 -3.79 0.00	109.82 -5.05 0.00	163.49 -6.38 0.00	143.32 -5.13 0.00	89.49 -3.86 0.00	108.62 -5.94 0.00	80.48 -5.00 2.39	106.87 -6.75 0.00	113.34 -6.86 0.00
BARRETT_IC_1 23704	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26
BARRETT_IC_10 23701	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26
BARRETT_IC_11 23702	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26
BARRETT_IC_12 23703	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26
BARRETT_IC_2 23705	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26
BARRETT_IC_3 23706	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26
BARRETT_IC_4 23707	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26

BARRETT_IC_5 23708	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26
BARRETT_IC_6 23709	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26
BARRETT_IC_7 23710	222.09 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.25 -38.02	146.29 4.98 0.00	203.12 7.05 0.00	143.20 6.10 0.00	91.04 4.10 -12.93	70.67 3.88 0.00	63.39 3.46 0.00	62.98 3.25 0.00	62.20 3.04 0.00	65.47 3.07 0.00	86.85 3.69 0.00	120.64 5.77 0.00	198.48 8.87 -19.74	156.02 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.14 -24.26
BARRETT_IC_8 23711	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26
BARRETT_IC_9 23700	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26
BARRETT___1 23545	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26
BARRETT___2 23546	222.08 6.63 -100.37	239.10 4.63 -143.63	228.99 4.48 -123.50	131.08 4.05 -21.46	112.24 3.66 -9.89	151.15 4.26 -38.02	146.29 4.98 0.00	203.10 7.03 0.00	143.20 6.09 0.00	91.04 4.10 -12.93	70.69 3.90 0.00	63.39 3.47 0.00	62.98 3.25 0.00	62.19 3.03 0.00	65.47 3.07 0.00	86.84 3.69 0.00	120.63 5.76 0.00	198.46 8.84 -19.74	156.01 7.57 0.00	144.83 5.80 -45.68	140.20 6.88 -18.76	150.33 5.15 -57.31	150.70 6.20 -30.88	150.59 6.13 -24.26
BATAVIA___115KV_TB1 55881	109.24 -5.84 0.00	86.41 -4.43 0.00	96.47 -4.54 0.00	100.33 -5.24 0.00	94.10 -4.59 0.00	103.65 -5.22 0.00	134.05 -7.27 0.00	185.18 -10.90 0.00	130.42 -6.68 0.00	71.20 -2.81 0.00	64.04 -2.75 0.00	57.00 -2.93 0.00	56.12 -3.61 0.00	55.74 -3.42 0.00	58.86 -3.54 0.00	78.10 -5.06 0.00	107.18 -7.70 0.00	159.99 -9.89 -0.02	140.75 -7.74 -0.04	88.15 -5.20 0.00	107.40 -7.16 0.00	79.90 -6.29 1.67	106.40 -7.22 0.00	113.96 -6.24 0.00
BAYONEEC___CTG1 323682	127.07 4.85 -7.14	102.64 3.15 -8.65	108.47 3.06 -4.40	110.73 2.88 -2.27	101.94 2.57 -0.69	111.75 2.88 0.00	145.72 4.41 0.00	200.85 7.38 2.60	143.42 6.31 0.00	74.39 3.76 3.38	63.26 3.57 7.10	62.92 3.30 0.30	63.04 3.31 0.00	62.39 3.23 0.00	65.49 3.09 0.00	82.57 4.14 4.73	108.31 6.02 12.58	155.78 9.25 23.34	155.49 7.85 0.80	98.75 5.40 0.00	120.94 6.38 0.00	92.38 4.52 0.00	118.88 5.26 0.00	125.16 4.96 0.00
BAYONEEC___CTG10 323750	127.07 4.85 -7.14	102.64 3.15 -8.65	108.47 3.06 -4.40	110.73 2.88 -2.27	101.94 2.57 -0.69	111.75 2.88 0.00	145.72 4.41 0.00	200.85 7.38 2.60	143.42 6.31 0.00	74.39 3.76 3.38	63.26 3.57 7.10	62.92 3.30 0.30	63.04 3.31 0.00	62.39 3.23 0.00	65.49 3.09 0.00	82.57 4.14 4.73	108.31 6.02 12.58	155.78 9.25 23.34	155.49 7.85 0.80	98.75 5.40 0.00	120.94 6.38 0.00	92.38 4.52 0.00	118.88 5.26 0.00	125.16 4.96 0.00
BAYONEEC___CTG2 323683	127.07 4.85 -7.14	102.64 3.15 -8.65	108.47 3.06 -4.40	110.73 2.88 -2.27	101.94 2.57 -0.69	111.75 2.88 0.00	145.72 4.41 0.00	200.85 7.38 2.60	143.42 6.31 0.00	74.39 3.76 3.38	63.26 3.57 7.10	62.92 3.30 0.30	63.04 3.31 0.00	62.39 3.23 0.00	65.49 3.09 0.00	82.57 4.14 4.73	108.31 6.02 12.58	155.78 9.25 23.34	155.49 7.85 0.80	98.75 5.40 0.00	120.94 6.38 0.00	92.38 4.52 0.00	118.88 5.26 0.00	125.16 4.96 0.00
BAYONEEC___CTG3 323684	127.07 4.85 -7.14	102.64 3.15 -8.65	108.47 3.06 -4.40	110.73 2.88 -2.27	101.94 2.57 -0.69	111.75 2.88 0.00	145.72 4.41 0.00	200.85 7.38 2.60	143.42 6.31 0.00	74.39 3.76 3.38	63.26 3.57 7.10	62.92 3.30 0.30	63.04 3.31 0.00	62.39 3.23 0.00	65.49 3.09 0.00	82.57 4.14 4.73	108.31 6.02 12.58	155.78 9.25 23.34	155.49 7.85 0.80	98.75 5.40 0.00	120.94 6.38 0.00	92.38 4.52 0.00	118.88 5.26 0.00	125.16 4.96 0.00
BAYONEEC___CTG4 323685	127.07 4.85 -7.14	102.64 3.15 -8.65	108.47 3.06 -4.40	110.73 2.88 -2.27	101.94 2.57 -0.69	111.75 2.88 0.00	145.72 4.41 0.00	200.85 7.38 2.60	143.42 6.31 0.00	74.39 3.76 3.38	63.26 3.57 7.10	62.92 3.30 0.30	63.04 3.31 0.00	62.39 3.23 0.00	65.49 3.09 0.00	82.57 4.14 4.73	108.31 6.02 12.58	155.78 9.25 23.34	155.49 7.85 0.80	98.75 5.40 0.00	120.94 6.38 0.00	92.38 4.52 0.00	118.88 5.26 0.00	125.16 4.96 0.00
BAYONEEC___CTG5 323686	127.07 4.85 -7.14	102.64 3.15 -8.65	108.47 3.06 -4.40	110.73 2.88 -2.27	101.94 2.57 -0.69	111.75 2.88 0.00	145.72 4.41 0.00	200.85 7.38 2.60	143.42 6.31 0.00	74.39 3.76 3.38	63.26 3.57 7.10	62.92 3.30 0.30	63.04 3.31 0.00	62.39 3.23 0.00	65.49 3.09 0.00	82.57 4.14 4.73	108.31 6.02 12.58	155.78 9.25 23.34	155.49 7.85 0.80	98.75 5.40 0.00	120.94 6.38 0.00	92.38 4.52 0.00	118.88 5.26 0.00	125.16 4.96 0.00
BAYONEEC___CTG6 323687	127.07 4.85 -7.14	102.64 3.15 -8.65	108.47 3.06 -4.40	110.73 2.88 -2.27	101.94 2.57 -0.69	111.75 2.88 0.00	145.72 4.41 0.00	200.85 7.38 2.60	143.42 6.31 0.00	74.39 3.76 3.38	63.26 3.57 7.10	62.92 3.30 0.30	63.04 3.31 0.00	62.39 3.23 0.00	65.49 3.09 0.00	82.57 4.14 4.73	108.31 6.02 12.58	155.78 9.25 23.34	155.49 7.85 0.80	98.75 5.40 0.00	120.94 6.38 0.00	92.38 4.52 0.00	118.88 5.26 0.00	125.16 4.96 0.00

BAYONEEC___CTG7 323688	127.07 4.85 -7.14	102.64 3.15 -8.65	108.47 3.06 -4.40	110.73 2.88 -2.27	101.94 2.57 -0.69	111.75 2.88 0.00	145.72 4.41 0.00	200.85 7.38 2.60	143.42 6.31 0.00	74.39 3.76 3.38	63.26 3.57 7.10	62.92 3.30 0.30	63.04 3.31 0.00	62.39 3.23 0.00	65.49 3.09 0.00	82.57 4.14 4.73	108.31 6.02 12.58	155.78 9.25 23.34	155.49 7.85 0.80	98.75 5.40 0.00	120.94 6.38 0.00	92.38 4.52 0.00	118.88 5.26 0.00	125.16 4.96 0.00
BAYONEEC___CTG8 323689	127.07 4.85 -7.14	102.64 3.15 -8.65	108.47 3.06 -4.40	110.73 2.88 -2.27	101.94 2.57 -0.69	111.75 2.88 0.00	145.72 4.41 0.00	200.85 7.38 2.60	143.42 6.31 0.00	74.39 3.76 3.38	63.26 3.57 7.10	62.92 3.30 0.30	63.04 3.31 0.00	62.39 3.23 0.00	65.49 3.09 0.00	82.57 4.14 4.73	108.31 6.02 12.58	155.78 9.25 23.34	155.49 7.85 0.80	98.75 5.40 0.00	120.94 6.38 0.00	92.38 4.52 0.00	118.88 5.26 0.00	125.16 4.96 0.00
BAYONEEC___CTG9 323749	127.07 4.85 -7.14	102.64 3.15 -8.65	108.47 3.06 -4.40	110.73 2.88 -2.27	101.94 2.57 -0.69	111.75 2.88 0.00	145.72 4.41 0.00	200.85 7.38 2.60	143.42 6.31 0.00	74.39 3.76 3.38	63.26 3.57 7.10	62.92 3.30 0.30	63.04 3.31 0.00	62.39 3.23 0.00	65.49 3.09 0.00	82.57 4.14 4.73	108.31 6.02 12.58	155.78 9.25 23.34	155.49 7.85 0.80	98.75 5.40 0.00	120.94 6.38 0.00	92.38 4.52 0.00	118.88 5.26 0.00	125.16 4.96 0.00
BEACON___LESR 323632	156.09 5.29 -35.72	138.00 3.87 -43.28	127.37 4.33 -22.03	121.18 4.24 -11.36	106.11 3.96 -3.47	112.77 3.90 0.00	146.75 5.44 0.00	203.78 7.70 0.00	142.11 5.01 0.00	76.50 2.49 0.00	68.99 2.20 0.00	61.88 1.95 0.00	61.72 1.98 0.00	61.16 2.00 0.00	64.39 1.98 0.00	85.47 2.31 0.00	118.30 3.43 0.00	174.83 4.97 0.00	152.72 4.27 0.00	96.35 3.00 0.00	118.53 3.97 0.00	91.18 3.32 0.00	118.46 4.84 0.00	125.91 5.71 0.00
BEAVER RIVER___HYD 24048	119.34 4.27 0.00	94.54 3.69 0.00	105.20 4.19 0.00	109.77 4.20 0.00	102.96 4.28 0.00	114.41 5.53 0.00	148.77 7.46 0.00	206.87 10.81 0.00	144.33 7.22 0.00	77.58 3.58 0.00	69.92 3.13 0.00	62.74 2.81 0.00	62.26 2.53 0.00	61.44 2.29 0.00	64.57 2.17 0.00	86.01 2.86 0.00	119.39 4.52 0.00	177.46 7.59 0.00	155.16 6.72 0.00	96.85 3.50 0.00	118.87 4.31 0.00	91.32 3.56 0.10	118.27 4.65 0.00	125.12 4.92 0.00
BEEBEE_GT_13 23619	109.58 -5.50 0.00	86.55 -4.29 0.00	96.46 -4.55 0.00	100.44 -5.13 0.00	94.02 -4.66 0.00	103.66 -5.22 0.00	134.41 -6.90 0.00	186.05 -10.02 0.00	130.77 -6.34 0.00	71.19 -2.82 0.00	64.13 -2.66 0.00	57.30 -2.63 0.00	56.78 -2.95 0.00	56.29 -2.86 0.00	59.42 -2.98 0.00	78.96 -4.19 0.00	108.62 -6.25 0.00	161.28 -8.59 0.00	141.53 -6.92 0.00	88.73 -4.62 0.00	108.45 -6.11 0.00	81.02 -5.28 1.57	107.22 -6.40 0.00	114.21 -5.98 0.00
BENSHRST_27_KV_BENSHRST_1 355998	128.29 6.07 -7.14	103.53 4.04 -8.65	109.48 4.07 -4.40	111.76 3.91 -2.27	102.88 3.51 -0.69	112.98 4.10 0.00	147.40 6.09 0.00	205.53 9.46 0.00	145.26 8.16 0.00	79.75 4.82 -0.92	102.31 4.42 -31.11	63.96 4.04 0.00	75.26 4.09 -11.44	69.08 4.01 -5.92	66.27 3.86 0.00	88.38 5.23 0.00	169.02 7.54 -46.62	190.65 11.70 -9.08	255.67 10.16 -97.07	133.58 6.81 -33.42	130.72 8.08 -8.09	93.70 5.84 0.00	120.40 6.78 0.00	126.67 6.47 0.00
BETHLEHEM___GRP 23843	154.03 3.42 -35.53	136.42 2.52 -43.06	125.75 2.83 -21.92	119.68 2.81 -11.30	104.63 2.50 -3.45	110.93 2.06 0.00	144.11 2.79 0.00	199.97 3.90 0.00	139.71 2.60 0.00	75.52 1.52 0.00	68.27 1.48 0.00	61.24 1.32 0.00	61.02 1.29 0.00	60.45 1.29 0.00	63.57 1.17 0.00	84.13 0.97 0.00	116.10 1.23 0.00	171.17 1.31 0.00	149.48 1.03 0.00	94.33 0.99 0.00	116.24 1.68 0.00	89.48 1.61 0.00	116.53 2.91 0.00	124.00 3.80 0.00
BETHLEHEM___GS1 323560	154.03 3.42 -35.53	136.42 2.52 -43.06	125.75 2.82 -21.92	119.68 2.81 -11.30	104.63 2.50 -3.45	110.93 2.06 0.00	144.11 2.79 0.00	199.97 3.90 0.00	139.70 2.59 0.00	75.52 1.51 0.00	68.27 1.48 0.00	61.25 1.32 0.00	61.02 1.29 0.00	60.45 1.29 0.00	63.57 1.17 0.00	84.13 0.97 0.00	116.10 1.23 0.00	171.17 1.31 0.00	149.45 1.00 0.00	94.34 0.99 0.00	116.24 1.68 0.00	89.48 1.61 0.00	116.52 2.90 0.00	124.00 3.80 0.00
BETHLEHEM___GS2 323561	154.03 3.42 -35.53	136.42 2.52 -43.06	125.75 2.82 -21.92	119.68 2.81 -11.30	104.63 2.50 -3.45	110.93 2.06 0.00	144.11 2.79 0.00	199.97 3.90 0.00	139.70 2.59 0.00	75.52 1.51 0.00	68.27 1.48 0.00	61.25 1.32 0.00	61.02 1.29 0.00	60.45 1.29 0.00	63.57 1.17 0.00	84.13 0.97 0.00	116.10 1.23 0.00	171.17 1.31 0.00	149.45 1.00 0.00	94.34 0.99 0.00	116.24 1.68 0.00	89.48 1.61 0.00	116.52 2.90 0.00	124.00 3.80 0.00
BETHLEHEM___GS3 323562	154.03 3.42 -35.53	136.42 2.52 -43.06	125.75 2.82 -21.92	119.68 2.81 -11.30	104.63 2.50 -3.45	110.93 2.06 0.00	144.11 2.79 0.00	199.97 3.90 0.00	139.70 2.59 0.00	75.52 1.51 0.00	68.27 1.48 0.00	61.25 1.32 0.00	61.02 1.29 0.00	60.45 1.29 0.00	63.57 1.17 0.00	84.13 0.97 0.00	116.10 1.23 0.00	171.17 1.31 0.00	149.45 1.00 0.00	94.34 0.99 0.00	116.24 1.68 0.00	89.48 1.61 0.00	116.52 2.90 0.00	124.00 3.80 0.00
BETHLEHEM___STEEL 23779	107.60 -7.48 0.00	85.25 -5.59 0.00	95.21 -5.80 0.00	98.99 -6.59 0.00	92.76 -5.92 0.00	101.97 -6.90 0.00	131.58 -9.73 0.00	181.31 -14.76 0.00	127.77 -9.34 0.00	69.89 -4.12 0.00	62.96 -3.84 0.00	56.22 -3.71 0.00	55.63 -4.09 0.00	55.54 -3.61 0.00	58.65 -3.75 0.00	77.66 -5.49 0.00	106.29 -8.58 0.00	157.91 -11.96 0.00	138.68 -9.77 0.00	86.72 -6.63 0.00	104.98 -9.58 0.00	77.86 -8.13 1.88	103.89 -9.73 0.00	111.50 -8.70 0.00
BETHLHEM_115KV_TB1 79974	152.13 3.42 -33.63	134.07 2.47 -40.76	124.51 2.75 -20.75	119.05 2.77 -10.70	104.42 2.47 -3.27	110.98 2.11 0.00	144.18 2.87 0.00	200.12 4.05 0.00	139.85 2.74 0.00	75.60 1.59 0.00	68.32 1.53 0.00	61.30 1.37 0.00	61.06 1.33 0.00	60.49 1.33 0.00	63.63 1.23 0.00	84.28 1.12 0.00	116.39 1.52 0.00	171.67 1.80 0.00	149.90 1.45 0.00	94.62 1.27 0.00	116.50 1.94 0.00	89.65 1.79 0.00	116.61 2.98 0.00	123.95 3.74 0.00
BETHPAGE_CC_5 323564	138.66 6.34 -17.25	118.45 4.32 -23.28	122.34 4.01 -17.31	113.57 3.64 -4.35	103.96 3.23 -2.05	118.47 3.99 -5.61	146.91 5.60 0.00	204.60 8.53 0.00	144.62 7.51 0.00	91.86 4.93 -12.93	70.68 3.89 0.00	63.24 3.31 0.00	62.96 3.23 0.00	62.08 2.93 0.00	65.49 3.08 0.00	87.55 4.40 0.00	121.88 7.00 0.00	200.98 10.68 -20.44	158.14 9.07 -0.62	146.93 6.98 -46.60	142.01 8.31 -19.14	152.08 6.00 -58.22	153.50 7.05 -32.83	156.14 6.95 -28.99
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	108.14 -6.94 0.00	85.66 -5.18 0.00	95.64 -5.37 0.00	99.44 -6.13 0.00	93.18 -5.50 0.00	102.44 -6.44 0.00	132.25 -9.06 0.00	182.29 -13.78 0.00	128.46 -8.65 0.00	70.26 -3.75 0.00	63.28 -3.51 0.00	56.52 -3.41 0.00	55.94 -3.79 0.00	55.81 -3.34 0.00	58.96 -3.45 0.00	78.07 -5.08 0.00	106.87 -8.00 0.00	158.77 -11.10 0.00	139.39 -9.06 0.00	87.18 -6.17 0.00	105.60 -8.96 0.00	78.32 -7.66 1.89	104.44 -9.18 0.00	112.04 -8.16 0.00

BINGHAMTON___COGEN 23790	117.24 -1.14 -3.30	93.81 -1.04 -4.00	101.84 -1.20 -2.04	105.20 -1.42 -1.05	97.71 -1.29 -0.32	107.44 -1.44 0.00	139.49 -1.82 0.00	193.99 -2.09 0.00	135.93 -1.18 0.00	73.59 -0.42 0.00	66.22 -0.57 0.00	59.35 -0.57 0.00	59.04 -0.69 0.00	58.42 -0.74 0.00	61.53 -0.87 0.00	82.18 -0.97 0.00	113.75 -1.12 0.00	168.81 -1.06 0.00	147.72 -0.72 0.00	92.75 -0.60 0.00	113.49 -1.07 0.00	86.05 -0.94 0.87	112.20 -1.42 0.00	118.60 -1.60 0.00
BIXINCNT_115KV_LOAD 355685	112.65 -4.17 -1.73	89.76 -3.19 -2.10	98.95 -3.13 -1.07	102.26 -3.86 -0.55	95.51 -3.35 -0.17	104.71 -4.17 0.00	135.32 -5.99 0.00	186.86 -9.21 0.00	131.51 -5.60 0.00	71.85 -2.15 0.00	64.71 -2.08 0.00	57.94 -1.98 0.00	57.49 -2.24 0.00	57.25 -1.90 0.00	60.44 -1.96 0.00	79.95 -3.20 0.00	109.51 -5.36 0.00	162.70 -7.17 0.00	142.53 -5.91 0.00	89.05 -4.30 0.00	107.82 -6.74 0.00	79.98 -5.93 1.96	106.37 -7.25 0.00	113.80 -6.40 0.00
BLACK RIVER___HYD 24047	119.76 4.68 0.00	94.81 3.96 0.00	105.50 4.49 0.00	109.99 4.41 0.00	103.32 4.63 0.00	115.04 6.17 0.00	150.24 8.92 0.00	209.37 13.30 0.00	146.00 8.89 0.00	78.42 4.42 0.00	70.46 3.67 0.00	63.24 3.32 0.00	62.65 2.92 0.00	61.72 2.57 0.00	64.71 2.30 0.00	86.46 3.30 0.00	120.45 5.58 0.00	179.60 9.73 0.00	157.22 8.77 0.00	98.20 4.85 0.00	120.33 5.77 0.00	92.26 4.40 0.00	118.86 5.24 0.00	125.68 5.48 0.00
BLACKRVR_115KV_TB2 79977	119.76 4.68 0.00	94.81 3.97 0.00	105.50 4.50 0.00	109.99 4.42 0.00	103.32 4.63 0.00	115.05 6.17 0.00	150.22 8.91 0.00	209.37 13.30 0.00	145.99 8.88 0.00	78.43 4.42 0.00	70.46 3.67 0.00	63.25 3.33 0.00	62.65 2.92 0.00	61.72 2.57 0.00	64.71 2.31 0.00	86.46 3.31 0.00	120.45 5.58 0.00	179.57 9.71 0.00	157.21 8.76 0.00	98.20 4.85 0.00	120.33 5.77 0.00	92.26 4.40 0.00	118.86 5.24 0.00	125.67 5.47 0.00
BLISS_WT_PWR 323608	112.86 -3.96 -1.73	89.91 -3.04 -2.10	99.11 -2.98 -1.07	102.44 -3.69 -0.55	95.63 -3.22 -0.17	104.87 -4.00 0.00	135.59 -5.72 0.00	187.22 -8.85 0.00	131.79 -5.31 0.00	72.02 -1.99 0.00	64.78 -2.01 0.00	58.02 -1.91 0.00	57.58 -2.15 0.00	57.35 -1.81 0.00	60.55 -1.85 0.00	80.11 -3.05 0.00	109.72 -5.15 0.00	163.00 -6.86 0.00	142.85 -5.59 0.00	89.14 -4.20 0.00	107.89 -6.68 0.00	79.96 -5.95 1.96	106.28 -7.34 0.00	113.67 -6.53 0.00
BLUESTONE___WT_PWR 323821	125.09 3.99 -6.02	101.31 3.17 -7.30	108.51 3.79 -3.72	111.55 4.06 -1.92	103.35 4.08 -0.59	114.13 5.26 0.00	149.02 7.71 0.00	209.90 13.83 0.00	146.84 9.73 0.00	78.98 4.97 0.00	70.61 3.82 0.00	62.95 3.02 0.00	62.45 2.72 0.00	61.77 2.62 0.00	65.07 2.67 0.00	87.40 4.25 0.00	122.22 7.35 0.00	182.50 12.63 0.00	159.98 11.53 0.00	100.41 7.06 0.00	122.83 8.27 0.00	93.74 5.77 -0.10	119.57 5.94 0.00	123.92 3.72 0.00
BLUE_CIRC_CHEM_DRP 24182	151.13 7.87 -28.18	131.08 6.09 -34.15	125.22 6.83 -17.38	121.59 7.05 -8.96	108.04 6.62 -2.74	115.72 6.85 0.00	150.40 9.09 0.00	208.18 12.11 0.00	143.82 6.71 0.00	76.46 2.45 0.00	68.86 2.07 0.00	61.77 1.85 0.00	61.62 1.89 0.00	60.97 1.81 0.00	64.08 1.68 0.00	85.65 2.50 0.00	120.18 5.31 0.00	178.26 8.39 0.00	155.58 7.14 0.00	98.07 4.72 0.00	120.68 6.12 0.00	92.78 4.92 0.00	120.71 7.09 0.00	128.71 8.51 0.00
BOC_GAS_DRP 24189	141.30 3.12 -23.10	121.01 2.18 -27.99	117.68 2.42 -14.25	115.31 2.38 -7.35	103.06 2.13 -2.25	110.91 2.03 0.00	144.06 2.75 0.00	199.99 3.92 0.00	139.96 2.85 0.00	75.69 1.68 0.00	68.37 1.58 0.00	61.34 1.41 0.00	61.11 1.38 0.00	60.54 1.38 0.00	63.72 1.32 0.00	84.69 1.54 0.00	116.97 2.10 0.00	172.72 2.86 0.00	150.85 2.41 0.00	95.20 1.85 0.00	117.03 2.47 0.00	89.92 2.05 0.00	116.53 2.91 0.00	123.39 3.20 0.00
BOONVILLE_115KV_TB1 79983	119.12 4.04 0.00	94.10 3.26 0.00	104.65 3.63 0.00	109.31 3.74 0.00	102.33 3.65 0.00	113.24 4.37 0.00	147.31 5.99 0.00	204.92 8.85 0.00	143.14 6.03 0.00	77.05 3.04 0.00	69.36 2.57 0.00	62.15 2.23 0.00	61.75 2.02 0.00	61.03 1.87 0.00	64.24 1.84 0.00	85.73 2.57 0.00	119.08 4.21 0.00	176.92 7.06 0.00	154.63 6.19 0.00	96.97 3.62 0.00	118.95 4.39 0.00	91.29 3.58 0.16	118.13 4.50 0.00	124.81 4.61 0.00
BORALEX_4TH_BRANCH 23824	176.84 7.95 -53.80	161.78 5.74 -65.20	140.37 6.18 -33.19	129.11 6.42 -17.12	109.63 5.72 -5.23	114.92 6.05 0.00	149.08 7.77 0.00	206.95 10.88 0.00	144.23 7.12 0.00	77.82 3.81 0.00	70.53 3.74 0.00	63.23 3.30 0.00	62.97 3.24 0.00	62.47 3.32 0.00	65.93 3.53 0.00	87.77 4.62 0.00	121.31 6.43 0.00	178.48 8.61 0.00	155.83 7.38 0.00	98.67 5.32 0.00	121.85 7.29 0.00	93.67 5.81 0.00	121.26 7.64 0.00	127.97 7.77 0.00
BOWLINE___1 23526	125.77 3.80 -6.89	101.53 2.33 -8.35	107.56 2.30 -4.25	109.90 2.14 -2.19	101.24 1.88 -0.67	111.02 2.15 0.00	144.67 3.36 0.00	201.61 5.54 0.00	141.77 4.67 0.00	76.81 2.81 0.00	69.33 2.55 0.00	62.23 2.31 0.00	61.99 2.26 0.00	61.33 2.18 0.00	64.52 2.12 0.00	86.08 2.93 0.00	119.21 4.34 0.00	176.62 6.75 0.00	154.17 5.73 0.00	97.43 4.09 0.00	119.39 4.82 0.00	91.27 3.41 0.00	117.55 3.93 0.00	123.86 3.66 0.00
BOWLINE___2 23595	125.95 3.97 -6.90	101.68 2.48 -8.36	107.73 2.47 -4.26	110.08 2.31 -2.19	101.42 2.07 -0.67	111.21 2.34 0.00	144.86 3.55 0.00	201.89 5.82 0.00	142.00 4.89 0.00	76.94 2.94 0.00	69.45 2.66 0.00	62.33 2.40 0.00	62.08 2.36 0.00	61.43 2.28 0.00	64.63 2.23 0.00	86.22 3.07 0.00	119.36 4.49 0.00	176.85 6.99 0.00	154.42 5.97 0.00	97.58 4.23 0.00	119.59 5.02 0.00	91.41 3.54 0.00	117.74 4.12 0.00	124.07 3.87 0.00
BRADY___115KV_TB2 356060	118.61 3.53 0.00	94.24 3.40 0.00	104.90 3.90 0.00	109.98 4.41 0.00	102.76 4.08 0.00	113.58 4.70 0.00	146.65 5.34 0.00	202.86 6.79 0.00	141.42 4.32 0.00	76.04 2.04 0.00	68.81 2.02 0.00	61.80 1.88 0.00	61.73 2.00 0.00	61.20 2.05 0.00	64.68 2.27 0.00	85.85 2.70 0.00	117.82 2.95 0.00	173.34 3.48 0.00	151.44 2.99 0.00	94.33 0.98 0.00	116.09 1.53 0.00	89.62 1.76 0.00	116.90 3.28 0.00	123.62 3.42 0.00
BRANSCOMB___SOLAR 323811	195.55 8.08 -72.40	184.55 5.96 -87.74	152.22 6.55 -44.66	135.31 6.70 -23.03	111.86 6.14 -7.04	115.33 6.46 0.00	150.03 8.72 0.00	208.37 12.29 0.00	144.83 7.73 0.00	77.68 3.67 0.00	69.97 3.18 0.00	62.63 2.71 0.00	62.37 2.64 0.00	61.72 2.57 0.00	65.16 2.75 0.00	87.34 4.19 0.00	121.49 6.62 0.00	179.70 9.83 0.00	156.91 8.47 0.00	99.09 5.74 0.00	121.85 7.28 0.00	93.51 5.64 0.00	120.95 7.33 0.00	127.69 7.49 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	135.14 8.65 -11.41	111.81 6.13 -14.83	116.72 5.86 -9.86	114.21 5.49 -3.15	104.86 4.88 -1.30	117.01 5.64 -2.50	149.01 7.70 0.00	207.51 11.43 0.00	147.02 9.92 0.00	93.40 6.46 -12.93	71.66 4.87 0.00	64.02 4.09 0.00	63.79 4.06 0.00	62.86 3.70 0.00	66.39 3.99 0.00	88.97 5.82 0.00	124.42 9.54 0.00	207.17 13.10 -24.21	163.36 10.90 -4.02	153.81 8.83 -51.63	146.42 10.59 -21.26	158.74 7.71 -63.17	166.56 9.51 -43.43	184.74 9.70 -54.84



BRISTLHL_115KV_TB1 79998	110.56 -4.52 0.00	87.18 -3.66 0.00	96.98 -4.03 0.00	101.21 -4.36 0.00	94.65 -4.03 0.00	104.52 -4.36 0.00	135.99 -5.32 0.00	188.97 -7.10 0.00	132.34 -4.77 0.00	71.58 -2.43 0.00	64.47 -2.32 0.00	57.72 -2.20 0.00	57.33 -2.40 0.00	56.75 -2.41 0.00	59.80 -2.60 0.00	79.80 -3.35 0.00	110.60 -4.27 0.00	164.13 -5.73 0.00	143.62 -4.82 0.00	90.22 -3.13 0.00	110.50 -4.06 0.00	84.65 -3.36 -0.14	109.10 -4.52 0.00	115.44 -4.76 0.00
BROOKHAVEN___DRP 24191	133.82 8.01 -10.73	110.39 5.69 -13.85	115.36 5.35 -9.00	113.43 4.85 -3.01	104.30 4.40 -1.21	116.36 5.34 -2.14	148.75 7.44 0.00	206.58 10.51 0.00	146.10 9.00 0.00	92.94 6.01 -12.93	71.06 4.27 0.00	63.51 3.59 0.00	63.32 3.59 0.00	62.47 3.31 0.00	66.03 3.62 0.00	88.75 5.60 0.00	124.39 9.52 0.00	223.75 13.17 -40.71	178.51 11.21 -18.86	176.05 9.07 -73.63	156.00 10.91 -30.52	180.60 7.93 -84.80	213.04 9.60 -89.81	297.82 9.71 -167.91
BROOKLYN_NAVY_YARD 23515	127.25 5.03 -7.14	102.83 3.33 -8.65	108.65 3.24 -4.40	111.15 3.31 -2.27	102.31 2.94 -0.69	112.05 3.17 0.00	146.10 4.79 0.00	204.09 8.02 0.00	143.79 6.69 0.00	77.95 3.94 0.00	70.56 3.77 0.00	63.37 3.44 0.00	63.19 3.46 0.00	62.56 3.40 0.00	65.65 3.24 0.00	87.51 4.35 0.00	121.14 6.27 0.00	179.56 9.69 0.00	156.74 8.30 0.00	99.03 5.68 0.00	121.25 6.69 0.00	92.60 4.74 0.00	119.12 5.50 0.00	125.41 5.21 0.00
BROOKLYN___ARMY_DRP 323595	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	74.90 3.99 -4.12	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.48 6.80 -4.81	188.88 10.59 -8.42	254.69 9.18 -97.07	132.36 6.18 -32.83	125.79 7.32 -3.91	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
BROOKVLE_69_KV_TB1 55790	147.51 7.29 -25.14	130.63 5.07 -34.72	133.32 4.91 -27.40	116.20 4.66 -5.98	106.53 4.26 -3.59	125.90 5.06 -11.96	148.29 6.98 0.00	206.55 10.48 0.00	145.90 8.79 0.00	92.46 5.53 -12.93	71.39 4.60 0.00	64.05 4.13 0.00	63.70 3.97 0.00	62.84 3.69 0.00	66.21 3.81 0.00	88.39 5.23 0.00	122.97 8.10 0.00	201.79 12.17 -19.74	158.89 10.45 0.00	146.74 7.71 -45.68	142.49 9.17 -18.76	151.88 6.70 -57.31	152.41 7.91 -30.88	152.22 7.76 -24.26
BROOME_2_LFGE 323671	117.25 -1.13 -3.30	93.80 -1.05 -4.00	101.85 -1.19 -2.04	105.22 -1.40 -1.05	97.71 -1.29 -0.32	107.44 -1.44 0.00	139.51 -1.80 0.00	194.00 -2.07 0.00	135.92 -1.19 0.00	73.60 -0.41 0.00	66.22 -0.57 0.00	59.35 -0.58 0.00	59.04 -0.69 0.00	58.42 -0.73 0.00	61.53 -0.87 0.00	82.19 -0.97 0.00	113.76 -1.11 0.00	168.81 -1.06 0.00	147.74 -0.71 0.00	92.75 0.00 0.00	113.49 -1.07 0.00	86.06 -0.93 0.87	112.20 -1.42 0.00	118.60 -1.60 0.00
BROOME___LFGE 323600	117.25 -1.13 -3.30	93.80 -1.05 -4.00	101.85 -1.19 -2.04	105.22 -1.40 -1.05	97.71 -1.29 -0.32	107.44 -1.44 0.00	139.51 -1.80 0.00	194.00 -2.07 0.00	135.92 -1.19 0.00	73.60 -0.41 0.00	66.22 -0.57 0.00	59.35 -0.58 0.00	59.04 -0.69 0.00	58.42 -0.73 0.00	61.53 -0.87 0.00	82.19 -0.97 0.00	113.76 -1.11 0.00	168.81 -1.06 0.00	147.74 -0.71 0.00	92.75 -0.60 0.00	113.49 -1.07 0.00	86.06 -0.93 0.87	112.20 -1.42 0.00	118.60 -1.60 0.00
BROWNFLS_115KV_TB_3_5 80003	118.43 3.34 0.00	93.98 3.14 0.00	104.60 3.59 0.00	109.40 3.83 0.00	102.29 3.60 0.00	113.40 4.53 0.00	146.65 5.34 0.00	203.39 7.32 0.00	141.89 4.78 0.00	76.32 2.31 0.00	69.04 2.25 0.00	62.01 2.08 0.00	61.72 1.99 0.00	61.00 1.85 0.00	64.26 1.86 0.00	85.16 2.01 0.00	117.44 2.57 0.00	173.78 3.91 0.00	151.87 3.42 0.00	94.67 1.32 0.00	116.37 1.81 0.00	89.84 1.98 0.00	116.99 3.37 0.00	123.92 3.72 0.00
BROWNSV1_27_KV_LOAD 356125	128.47 6.26 -7.14	103.70 4.20 -8.65	109.62 4.21 -4.40	111.97 4.13 -2.27	103.13 3.75 -0.69	113.12 4.24 0.00	147.61 6.29 0.00	206.16 10.09 0.00	145.34 8.23 0.00	78.79 4.79 0.00	71.30 4.51 0.00	64.00 4.08 0.00	63.81 4.08 0.00	63.16 4.00 0.00	66.33 3.92 0.00	88.42 5.27 0.00	122.47 7.60 0.00	181.51 11.65 0.00	158.41 9.97 0.00	100.04 6.69 0.00	122.53 7.97 0.00	93.58 5.71 0.00	120.38 6.76 0.00	126.74 6.54 0.00
BURROWS___LYONSDAL 23803	119.17 4.09 0.00	94.23 3.38 0.00	104.79 3.78 0.00	109.42 3.84 0.00	102.47 3.79 0.00	113.53 4.65 0.00	147.69 6.38 0.00	205.47 9.40 0.00	143.49 6.38 0.00	77.21 3.21 0.00	69.52 2.73 0.00	62.30 2.38 0.00	61.87 2.15 0.00	61.12 1.96 0.00	64.31 1.91 0.00	85.81 2.65 0.00	119.20 4.32 0.00	177.13 7.26 0.00	154.85 6.40 0.00	96.96 3.61 0.00	118.95 4.39 0.00	91.30 3.59 0.15	118.14 4.52 0.00	124.91 4.71 0.00
CAITHNESS_CC_1 323624	133.49 7.69 -10.72	110.14 5.46 -13.83	115.04 5.06 -8.98	113.16 4.58 -3.01	104.03 4.13 -1.21	116.05 5.04 -2.13	148.37 7.06 0.00	206.09 10.02 0.00	145.76 8.65 0.00	92.74 5.81 -12.93	70.96 4.17 0.00	63.43 3.50 0.00	63.20 3.47 0.00	62.34 3.19 0.00	65.88 3.48 0.00	88.49 5.34 0.00	123.92 9.05 0.00	223.00 12.57 -40.55	177.89 10.73 -18.72	175.45 8.68 -73.42	155.45 10.46 -30.43	180.04 7.58 -84.60	212.17 9.18 -89.36	296.33 9.31 -166.82
CALPINE BETH_PAGE_GT4 24209	141.39 6.27 -20.04	122.45 4.27 -27.33	125.86 3.96 -20.89	114.10 3.60 -4.93	104.29 3.19 -2.41	119.90 3.91 -7.11	146.79 5.48 0.00	204.47 8.40 0.00	144.51 7.41 0.00	91.83 4.89 -12.93	70.67 3.88 0.00	63.22 3.29 0.00	62.98 3.25 0.00	62.07 2.92 0.00	65.46 3.06 0.00	87.49 4.33 0.00	121.76 6.89 0.00	200.17 10.56 -19.74	157.41 8.96 0.00	145.91 6.88 -45.68	141.48 8.16 -18.76	151.10 5.92 -57.31	151.44 6.94 -30.88	151.31 6.85 -24.26
CALPINE_BETH_PAGE_GT_4 323586	141.38 6.26 -20.04	122.45 4.27 -27.33	125.86 3.96 -20.89	114.10 3.60 -4.93	104.29 3.19 -2.41	119.89 3.91 -7.11	146.80 5.48 0.00	204.47 8.40 0.00	144.51 7.41 0.00	91.83 4.89 -12.93	70.68 3.89 0.00	63.23 3.30 0.00	62.98 3.25 0.00	62.07 2.92 0.00	65.45 3.05 0.00	87.49 4.33 0.00	121.76 6.89 0.00	200.17 10.56 -19.74	157.39 8.95 0.00	145.90 6.87 -45.68	141.49 8.17 -18.76	151.09 5.91 -57.31	151.44 6.94 -30.88	151.29 6.84 -24.26
CALPINE_BP_GT1 23823	141.38 6.26 -20.04	122.45 4.27 -27.33	125.86 3.96 -20.89	114.10 3.60 -4.93	104.29 3.19 -2.41	119.89 3.91 -7.11	146.80 5.48 0.00	204.47 8.40 0.00	144.51 7.41 0.00	91.83 4.89 -12.93	70.68 3.89 0.00	63.23 3.30 0.00	62.98 3.25 0.00	62.07 2.92 0.00	65.45 3.05 0.00	87.49 4.33 0.00	121.76 6.89 0.00	200.17 10.56 -19.74	157.39 8.95 0.00	145.90 6.87 -45.68	141.49 8.17 -18.76	151.09 5.91 -57.31	151.44 6.94 -30.88	151.29 6.84 -24.26
CALSPAN___DRP 24200	107.60 -7.48 0.00	85.25 -5.59 0.00	95.21 -5.80 0.00	98.99 -6.59 0.00	92.76 -5.92 0.00	101.97 -6.90 0.00	131.58 -9.73 0.00	181.31 -14.76 0.00	127.77 -9.34 0.00	69.89 -4.12 0.00	62.96 -3.84 0.00	56.22 -3.71 0.00	55.63 -4.09 0.00	55.54 -3.61 0.00	58.65 -3.75 0.00	77.66 -5.49 0.00	106.29 -8.58 0.00	157.91 -11.96 0.00	138.68 -9.77 0.00	86.72 -6.63 0.00	104.98 -9.58 0.00	77.86 -8.13 1.88	103.89 -9.73 0.00	111.50 -8.70 0.00

CALVERTON___SOLAR 323806	134.13 8.31 -10.74	110.68 5.97 -13.86	115.63 5.62 -9.00	113.68 5.10 -3.01	104.53 4.63 -1.21	116.65 5.63 -2.14	149.10 7.79 0.00	206.99 10.92 0.00	146.39 9.29 0.00	93.14 6.20 -12.93	71.19 4.40 0.00	63.64 3.72 0.00	63.46 3.73 0.00	62.62 3.46 0.00	66.20 3.80 0.00	89.06 5.90 0.00	124.88 10.01 0.00	224.48 13.83 -40.78	179.14 11.77 -18.92	176.59 9.52 -73.72	156.59 11.47 -30.56	181.08 8.32 -84.89	213.76 10.13 -90.00	298.74 10.17 -168.37
CANDIGU_WT_PWR 323617	112.47 -4.76 -2.15	89.97 -3.48 -2.60	98.40 -3.93 -1.32	101.90 -4.35 -0.68	95.12 -3.77 -0.21	104.56 -4.31 0.00	135.41 -5.90 0.00	187.87 -8.20 0.00	131.82 -5.29 0.00	71.69 -2.31 0.00	64.30 -2.49 0.00	57.48 -2.44 0.00	57.10 -2.63 0.00	56.68 -2.48 0.00	59.65 -2.75 0.00	79.37 -3.79 0.00	109.82 -5.05 0.00	163.49 -6.38 0.00	143.32 -5.13 0.00	89.49 -3.86 0.00	108.62 -5.94 0.00	80.48 -5.00 2.39	106.87 -6.75 0.00	113.34 -6.86 0.00
CARR STREET_E_SYR 24060	111.23 -3.85 0.00	87.69 -3.16 0.00	97.53 -3.48 0.00	101.82 -3.76 0.00	95.23 -3.45 0.00	105.13 -3.74 0.00	136.69 -4.62 0.00	189.92 -6.15 0.00	133.01 -4.09 0.00	71.93 -2.08 0.00	64.74 -2.05 0.00	57.98 -1.95 0.00	57.64 -2.09 0.00	57.05 -2.11 0.00	60.14 -2.26 0.00	80.25 -2.90 0.00	111.21 -3.66 0.00	165.05 -4.81 0.00	144.45 -3.99 0.00	90.72 -2.62 0.00	111.07 -3.49 0.00	84.29 -2.93 0.64	109.66 -3.96 0.00	116.04 -4.16 0.00
CARTHAGE___PAPER 23857	120.50 5.42 0.00	95.45 4.61 0.00	106.21 5.20 0.00	110.82 5.25 0.00	104.03 5.35 0.00	115.76 6.88 0.00	150.80 9.49 0.00	209.96 13.89 0.00	146.36 9.25 0.00	78.63 4.62 0.00	70.77 3.98 0.00	63.51 3.59 0.00	63.02 3.29 0.00	62.12 2.97 0.00	65.21 2.81 0.00	87.03 3.88 0.00	120.98 6.11 0.00	179.99 10.12 0.00	157.48 9.04 0.00	98.28 4.93 0.00	120.55 5.99 0.00	92.59 4.72 0.00	119.55 5.93 0.00	126.44 6.24 0.00
CASSADAGA_WT_PWR 323784	110.62 -4.46 0.00	87.53 -3.31 0.00	97.71 -3.30 0.00	101.63 -3.94 0.00	95.35 -3.33 0.00	104.93 -3.94 0.00	135.81 -5.50 0.00	187.78 -8.30 0.00	132.21 -4.90 0.00	72.19 -1.81 0.00	64.83 -1.96 0.00	57.99 -1.93 0.00	57.43 -2.30 0.00	57.27 -1.89 0.00	60.47 -1.93 0.00	80.06 -3.09 0.00	109.73 -5.14 0.00	163.12 -6.74 0.00	143.11 -5.34 0.00	89.41 -3.93 0.00	107.97 -6.59 0.00	79.43 -6.48 1.95	105.68 -7.95 0.00	112.69 -7.51 0.00
CE_DUNWOOD___DRP 24194	127.14 -4.94 -7.12	102.74 -3.27 -8.63	108.67 -3.27 -4.39	110.94 -3.11 -2.27	102.19 -2.82 -0.69	112.06 -3.18 0.00	146.01 -4.70 0.00	203.61 -7.54 0.00	143.26 -6.15 0.00	77.67 -3.66 0.00	70.12 -3.34 0.00	62.94 -3.01 0.00	62.73 -3.00 0.00	62.07 -2.91 0.00	65.26 -2.86 0.00	87.03 -3.88 0.00	120.52 -5.65 0.00	178.54 -8.67 0.00	155.90 -7.46 0.00	98.55 -5.19 0.00	120.73 -6.17 0.00	92.32 -4.46 0.00	118.83 -5.21 0.00	125.19 -4.99 0.00
CE_MILLWOOD___DRP 24193	126.92 -4.74 -7.10	102.54 -3.10 -8.60	108.49 -3.10 -4.38	110.79 -2.96 -2.26	102.04 -2.67 -0.69	111.87 -3.00 0.00	145.77 -4.46 0.00	203.22 -7.15 0.00	142.95 -5.85 0.00	77.47 -3.46 0.00	69.96 -3.17 0.00	62.78 -2.86 0.00	62.56 -2.83 0.00	61.91 -2.76 0.00	65.10 -2.69 0.00	86.82 -3.67 0.00	120.24 -5.37 0.00	178.07 -8.21 0.00	155.53 -7.09 0.00	98.29 -4.94 0.00	120.44 -5.88 0.00	92.09 -4.23 0.00	118.59 -4.97 0.00	124.93 -4.73 0.00
CE_NYC2_DRP 24202	127.26 -5.04 -7.14	102.84 -3.35 -8.65	108.70 -3.29 -4.40	110.94 -3.10 -2.27	102.14 -2.76 -0.69	112.00 -3.13 0.00	146.08 -4.77 0.00	203.94 -7.88 0.00	143.89 -6.78 0.00	78.06 -4.05 0.00	70.64 -3.85 0.00	63.47 -3.55 0.00	63.33 -3.60 0.00	62.69 -3.53 0.00	65.77 -3.37 0.00	87.72 -4.56 0.00	121.45 -6.58 0.00	180.09 -10.22 0.00	157.13 -8.68 0.00	99.20 -5.85 0.00	121.45 -6.89 0.00	92.72 -4.86 0.00	119.26 -5.64 0.00	125.53 -5.33 0.00
CE_NYC_DRP 24195	127.43 -5.21 -7.14	102.92 -3.43 -8.65	108.71 -3.30 -4.40	110.97 -3.13 -2.27	102.18 -2.80 -0.69	112.03 -3.16 0.00	146.11 -4.80 0.00	205.44 -7.94 -1.44	143.83 -6.72 0.00	79.89 -4.01 -1.87	74.51 -3.78 -3.94	63.57 -3.47 -0.17	63.22 -3.49 0.00	62.57 -3.42 0.00	65.70 -3.30 0.00	90.20 -4.43 -2.62	128.22 -6.38 -6.97	192.59 -9.79 -12.93	157.22 -8.32 -0.44	99.03 -5.68 0.00	121.27 -6.70 0.00	92.62 -4.76 0.00	119.16 -5.54 0.00	125.46 -5.26 0.00
CHAFFEE___LFGE 323603	108.52 -6.56 0.00	85.93 -4.92 0.00	95.94 -5.07 0.00	99.73 -5.85 0.00	93.45 -5.24 0.00	102.80 -6.07 0.00	132.63 -8.68 0.00	182.88 -13.19 0.00	128.88 -8.23 0.00	70.47 -3.54 0.00	63.37 -3.42 0.00	56.62 -3.30 0.00	56.13 -3.60 0.00	55.97 -3.19 0.00	59.13 -3.28 0.00	78.30 -4.85 0.00	107.18 -7.69 0.00	159.27 -10.60 0.00	139.93 -8.52 0.00	87.48 -5.86 0.00	106.00 -8.56 0.00	78.60 -7.35 1.92	104.79 -8.83 0.00	112.38 -7.82 0.00
CHATEAUG_35_KV_LOAD 355732	115.37 -0.29 0.00	91.74 -0.90 0.00	102.31 -1.30 0.00	107.52 -1.95 0.00	100.66 -1.98 0.00	111.17 -2.30 0.00	143.73 -2.42 0.00	197.77 -1.70 0.00	138.47 -1.37 0.00	74.68 -0.67 0.00	67.68 -0.89 0.00	60.76 -0.83 0.00	60.62 -0.90 0.00	60.15 -1.00 0.00	63.60 -1.19 0.00	84.71 -1.55 0.00	115.98 -1.11 0.00	170.89 -1.02 0.00	149.46 -1.01 0.00	93.53 -0.18 0.00	114.95 -0.39 0.00	88.44 -0.58 0.00	114.84 -1.22 0.00	122.08 -1.88 0.00
CHATEAUG_WT_PWR 323614	115.34 -0.26 0.00	91.66 -0.81 0.00	102.26 -1.25 0.00	107.42 -1.85 0.00	100.56 -1.88 0.00	110.94 -2.07 0.00	143.39 -2.08 0.00	197.29 -1.22 0.00	137.73 -0.63 0.00	74.31 -0.30 0.00	67.58 -0.79 0.00	60.54 -0.61 0.00	60.37 -0.64 0.00	59.94 -0.79 0.00	63.38 -0.97 0.00	84.42 -1.26 0.00	115.42 -0.55 0.00	170.00 -0.13 0.00	148.56 -0.12 0.00	93.03 -0.31 0.00	114.43 -0.13 0.00	88.18 -0.31 0.00	114.40 -0.78 0.00	121.64 -1.44 0.00
CHAT_HIGH_FALL_HYD 323578	115.37 -0.29 0.00	91.74 -0.90 0.00	102.31 -1.30 0.00	107.52 -1.95 0.00	100.66 -1.98 0.00	111.17 -2.30 0.00	143.73 -2.42 0.00	197.77 -1.70 0.00	138.47 -1.37 0.00	74.68 -0.67 0.00	67.68 -0.89 0.00	60.76 -0.83 0.00	60.62 -0.90 0.00	60.15 -1.00 0.00	63.60 -1.19 0.00	84.71 -1.55 0.00	115.98 -1.11 0.00	170.89 -1.02 0.00	149.46 -1.01 0.00	93.53 -0.18 0.00	114.95 -0.39 0.00	88.44 -0.58 0.00	114.84 -1.22 0.00	122.08 -1.88 0.00
CHAUTAUQUA___LFGE 323629	109.26 -5.82 0.00	86.53 -4.31 0.00	96.63 -4.38 0.00	100.47 -5.10 0.00	94.24 -4.45 0.00	103.71 -5.16 0.00	134.09 -7.23 0.00	185.04 -11.03 0.00	130.31 -6.80 0.00	71.16 -2.85 0.00	63.89 -2.90 0.00	57.12 -2.81 0.00	56.52 -3.21 0.00	56.43 -2.73 0.00	59.58 -2.82 0.00	78.93 -4.22 0.00	108.21 -6.66 0.00	160.90 -8.97 0.00	141.29 -7.15 0.00	88.25 -5.10 0.00	106.55 -8.01 0.00	78.45 -7.50 1.91	104.46 -9.16 0.00	111.64 -8.56 0.00
CHERRYST_13_KV_LD 356241	127.77 -5.56 -7.14	103.18 -3.69 -8.65	109.00 -3.59 -4.40	111.26 -3.41 -2.27	102.44 -3.06 -0.69	112.33 -3.46 0.00	146.54 -5.22 0.00	204.63 -8.56 0.00	144.31 -7.20 0.00	78.29 -4.29 0.00	70.84 -4.05 0.00	63.63 -3.71 0.00	63.44 -3.71 0.00	62.80 -3.65 0.00	65.94 -3.54 0.00	87.91 -4.75 0.00	121.69 -6.82 0.00	180.34 -10.47 0.00	157.27 -8.82 0.00	99.32 -5.98 0.00	121.65 -7.09 0.00	92.89 -5.02 0.00	119.47 -5.85 0.00	125.79 -5.60 0.00

CHESTROR_138KV_BK263 355645	125.46 3.80 -6.59	101.26 2.43 -7.98	107.53 2.46 -4.07	109.99 2.31 -2.10	101.41 2.08 -0.64	111.24 2.36 0.00	144.85 3.54 0.00	201.80 5.73 0.00	141.73 4.63 0.00	76.68 2.68 0.00	69.15 2.36 0.00	62.04 2.11 0.00	61.80 2.08 0.00	61.16 2.00 0.00	64.38 1.98 0.00	85.93 2.78 0.00	119.04 4.17 0.00	176.44 6.57 0.00	154.08 5.63 0.00	97.30 3.95 0.00	119.25 4.68 0.00	91.26 3.40 0.00	117.63 4.00 0.00	123.98 3.78 0.00
CH_MIDHUDSON___DRP 24192	128.12 5.48 -7.56	103.75 3.75 -9.16	109.51 3.84 -4.66	111.75 3.77 -2.41	102.91 3.49 -0.73	112.83 3.95 0.00	146.94 5.62 0.00	204.77 8.70 0.00	143.81 6.70 0.00	77.79 3.78 0.00	70.22 3.43 0.00	63.00 3.08 0.00	62.76 3.04 0.00	62.15 3.00 0.00	65.41 3.01 0.00	87.24 4.09 0.00	120.82 5.95 0.00	178.82 8.96 0.00	156.28 7.83 0.00	98.74 5.39 0.00	121.03 6.47 0.00	92.65 4.78 0.00	119.37 5.75 0.00	125.77 5.57 0.00
CH_MISC_IPPS 23765	128.40 5.96 -7.37	103.88 4.11 -8.93	109.80 4.25 -4.55	112.14 4.22 -2.34	103.31 3.92 -0.72	113.33 4.46 0.00	147.70 6.38 0.00	205.90 9.83 0.00	144.53 7.43 0.00	78.11 4.11 0.00	70.47 3.68 0.00	63.20 3.28 0.00	62.95 3.22 0.00	62.33 3.18 0.00	65.64 3.24 0.00	87.62 4.47 0.00	121.45 6.58 0.00	179.99 10.12 0.00	157.29 8.84 0.00	99.33 5.98 0.00	121.74 7.17 0.00	93.11 5.25 0.00	119.93 6.31 0.00	126.34 6.14 0.00
CH_RES_BVR_FALLS 23983	115.24 0.16 0.00	91.30 0.45 0.00	101.56 0.55 0.00	106.34 0.77 0.00	99.44 0.76 0.00	109.75 0.87 0.00	142.15 0.83 0.00	196.79 0.72 0.00	137.44 0.34 0.00	74.10 0.10 0.00	66.99 0.20 0.00	60.10 0.18 0.00	59.87 0.14 0.00	59.29 0.13 0.00	62.65 0.25 0.00	83.55 0.40 0.00	115.06 0.18 0.00	169.76 -0.11 0.00	148.21 -0.24 0.00	92.73 -0.62 0.00	114.08 -0.48 0.00	87.62 -0.25 0.00	113.44 -0.18 0.00	120.17 -0.03 0.00
CH_RES_NIAGARA 23895	103.15 -11.93 0.00	81.75 -9.09 0.00	91.39 -9.61 0.00	95.00 -10.57 0.00	88.98 -9.71 0.00	97.74 -11.14 0.00	125.78 -15.54 0.00	172.67 -23.40 0.00	121.87 -15.24 0.00	66.79 -7.21 0.00	60.20 -6.59 0.00	53.72 -6.21 0.00	53.01 -6.72 0.00	52.64 -6.51 0.00	55.62 -6.78 0.00	73.55 -9.61 0.00	100.27 -14.60 0.00	148.75 -21.12 0.00	130.84 -17.61 0.00	81.92 -11.43 0.00	100.08 -14.48 0.00	74.32 -11.75 1.79	99.53 -14.09 0.00	107.26 -12.94 0.00
CH_RES_SYRACUSE 23985	111.66 -3.42 0.00	88.04 -2.80 0.00	97.87 -3.14 0.00	102.13 -3.44 0.00	95.51 -3.17 0.00	105.51 -3.37 0.00	137.19 -4.13 0.00	190.71 -5.36 0.00	133.50 -3.60 0.00	72.19 -1.82 0.00	64.95 -1.84 0.00	58.12 -1.80 0.00	57.82 -1.91 0.00	57.18 -1.98 0.00	60.32 -2.08 0.00	80.54 -2.61 0.00	112.29 -2.58 0.00	166.91 -2.96 0.00	146.04 -2.41 0.00	91.56 -1.79 0.00	111.89 -2.67 0.00	84.93 -2.58 0.35	110.06 -3.56 0.00	116.38 -3.82 0.00
CLINTON_WT_PWR 323605	115.34 0.26 0.00	91.66 0.81 0.00	102.26 1.25 0.00	107.42 1.85 0.00	100.56 1.88 0.00	110.94 2.07 0.00	143.39 2.08 0.00	197.29 1.22 0.00	137.73 0.63 0.00	74.31 0.30 0.00	67.58 0.79 0.00	60.54 0.61 0.00	60.37 0.64 0.00	59.94 0.79 0.00	63.38 0.97 0.00	84.42 1.26 0.00	115.42 0.55 0.00	170.00 0.13 0.00	148.56 0.12 0.00	93.03 -0.31 0.00	114.43 -0.13 0.00	88.18 0.31 0.00	114.40 0.78 0.00	121.64 1.44 0.00
CLINTON___LFGE 323618	117.35 2.27 0.00	93.42 2.58 0.00	104.28 3.27 0.00	109.48 3.91 0.00	102.32 3.64 0.00	112.67 3.80 0.00	145.64 4.33 0.00	199.65 3.58 0.00	139.23 2.12 0.00	75.15 1.14 0.00	68.61 1.82 0.00	61.41 1.48 0.00	61.18 1.45 0.00	60.73 1.57 0.00	63.97 1.57 0.00	85.31 2.15 0.00	116.17 1.30 0.00	171.60 1.73 0.00	149.92 1.48 0.00	94.04 0.69 0.00	116.07 1.51 0.00	89.75 1.89 0.00	116.15 2.52 0.00	123.85 3.65 0.00
COBBLENY_34_KV_TB1 80064	108.46 -6.62 0.00	85.93 -4.92 0.00	95.94 -5.07 0.00	99.73 -5.84 0.00	93.45 -5.23 0.00	102.80 -6.07 0.00	132.61 -8.71 0.00	182.90 -13.17 0.00	128.87 -8.24 0.00	70.46 -3.55 0.00	63.44 -3.35 0.00	56.66 -3.26 0.00	56.14 -3.59 0.00	55.97 -3.19 0.00	59.12 -3.28 0.00	78.30 -4.86 0.00	107.16 -7.71 0.00	159.26 -10.61 0.00	139.86 -8.59 0.00	87.48 -5.87 0.00	105.99 -8.57 0.00	78.61 -7.34 1.92	104.79 -8.83 0.00	112.38 -7.82 0.00
COFFEEN___115KV_TB3 355620	120.51 5.43 0.00	95.39 4.54 0.00	106.15 5.15 0.00	110.64 5.07 0.00	103.99 5.31 0.00	115.82 6.95 0.00	151.40 10.09 0.00	211.03 14.96 0.00	147.13 10.02 0.00	78.96 4.96 0.00	70.90 4.11 0.00	63.65 3.73 0.00	63.02 3.30 0.00	62.09 2.93 0.00	65.07 2.66 0.00	86.98 3.83 0.00	121.26 6.39 0.00	181.03 11.16 0.00	158.58 10.13 0.00	99.09 5.74 0.00	121.40 6.84 0.00	92.99 5.13 0.00	119.71 6.09 0.00	126.54 6.34 0.00
COLDSPRG_115KV_BK1 355956	113.40 -3.44 -1.76	90.23 -2.75 -2.13	99.40 -2.70 -1.09	102.83 -3.31 -0.56	96.05 -2.80 -0.17	105.29 -3.59 0.00	136.26 -5.06 0.00	188.56 -7.51 0.00	132.63 -4.48 0.00	72.45 -1.55 0.00	65.22 -1.57 0.00	58.46 -1.46 0.00	58.00 -1.73 0.00	57.77 -1.38 0.00	61.00 -1.40 0.00	80.64 -2.52 0.00	110.43 -4.44 0.00	164.04 -5.83 0.00	143.71 -4.74 0.00	89.98 -3.37 0.00	108.91 -5.65 0.00	80.72 -5.14 2.00	107.54 -6.08 0.00	114.67 -5.53 0.00
COLONIE_LFGE___ 323577	184.35 6.03 -63.24	171.82 4.34 -76.64	144.72 4.70 -39.01	130.55 4.85 -20.12	109.22 4.39 -6.15	113.43 4.56 0.00	147.49 6.17 0.00	204.70 8.63 0.00	142.81 5.71 0.00	77.01 3.00 0.00	69.59 2.80 0.00	62.36 2.43 0.00	62.11 2.39 0.00	61.55 2.39 0.00	64.86 2.46 0.00	86.57 3.42 0.00	119.70 4.82 0.00	176.62 6.75 0.00	154.26 5.82 0.00	97.50 4.15 0.00	120.05 5.49 0.00	92.21 4.34 0.00	119.30 5.68 0.00	126.07 5.87 0.00
COOPERNY_115KV_TB1 80082	123.16 2.64 -5.44	99.10 1.66 -6.59	106.03 1.67 -3.36	108.85 1.55 -1.73	100.58 1.37 -0.53	110.44 1.57 0.00	143.70 2.39 0.00	199.95 3.88 0.00	140.32 3.22 0.00	75.93 1.92 0.00	68.46 1.67 0.00	61.41 1.48 0.00	61.15 1.42 0.00	60.53 1.37 0.00	63.77 1.36 0.00	85.09 1.94 0.00	117.77 2.90 0.00	174.42 4.55 0.00	152.38 3.94 0.00	96.14 2.79 0.00	117.85 3.29 0.00	90.25 2.39 0.00	116.38 2.76 0.00	122.77 2.57 0.00
COPENHAGEN_WT_PWR 323753	118.69 3.61 0.00	94.03 3.18 0.00	104.63 3.63 0.00	109.02 3.45 0.00	102.41 3.73 0.00	114.05 5.17 0.00	148.80 7.48 0.00	207.40 11.32 0.00	144.66 7.55 0.00	77.75 3.74 0.00	69.86 3.07 0.00	62.72 2.79 0.00	62.12 2.39 0.00	61.16 2.00 0.00	64.07 1.67 0.00	85.66 2.50 0.00	119.36 4.48 0.00	177.88 8.01 0.00	155.71 7.26 0.00	97.23 3.88 0.00	119.14 4.58 0.00	91.35 3.48 0.00	117.58 3.97 0.00	124.46 4.27 0.00
CORNELL_____ 23752	118.18 0.72 -2.38	94.18 0.45 -2.89	102.92 0.44 -1.47	106.64 0.31 -0.76	99.41 0.50 -0.23	109.64 0.77 0.00	142.70 1.38 0.00	198.62 2.55 0.00	139.08 1.98 0.00	75.12 1.11 0.00	67.37 0.58 0.00	60.15 0.22 0.00	59.71 -0.02 0.00	58.92 -0.23 0.00	62.12 -0.28 0.00	83.11 -0.04 0.00	115.82 0.94 0.00	172.57 2.70 0.00	151.33 2.89 0.00	95.03 1.68 0.00	116.18 1.62 0.00	92.59 0.96 -3.76	114.41 0.79 0.00	120.73 0.53 0.00

CORONA__69_KV_TB1 355595	188.64 7.00 -66.57	190.40 4.87 -94.68	186.04 4.72 -80.31	124.45 4.39 -14.50	109.76 4.03 -7.05	139.75 4.62 -26.26	147.39 6.08 0.00	205.08 9.00 0.00	144.68 7.57 0.00	91.79 4.85 -12.93	71.04 4.25 0.00	63.68 3.75 0.00	63.36 3.63 0.00	62.57 3.42 0.00	65.87 3.46 0.00	87.58 4.43 0.00	121.85 6.98 0.00	200.40 10.78 -19.74	157.69 9.24 0.00	145.83 6.80 -45.68	141.45 8.13 -18.76	151.22 6.04 -57.31	151.67 7.16 -30.88	151.42 6.97 -24.26
CORTLAND__115KV_TB3 80093	116.65 -0.21 -1.78	92.69 -0.31 -2.16	101.74 -0.37 -1.10	105.64 -0.50 -0.57	98.46 -0.39 -0.17	108.51 -0.36 0.00	141.11 -0.20 0.00	196.35 0.28 0.00	137.44 0.34 0.00	74.23 0.22 0.00	66.69 -0.10 0.00	59.69 -0.23 0.00	59.33 -0.40 0.00	58.64 -0.51 0.00	61.79 -0.61 0.00	82.58 -0.58 0.00	114.70 -0.18 0.00	170.60 0.74 0.00	149.39 0.94 0.00	93.81 0.46 0.00	114.85 0.29 0.00	88.62 0.08 -0.68	113.42 -0.20 0.00	119.79 -0.41 0.00
COXSACKIE__GT 23611	151.00 10.42 -25.50	129.77 8.02 -30.90	125.78 9.04 -15.73	123.15 9.47 -8.11	110.15 8.99 -2.48	118.49 9.61 0.00	154.63 13.32 0.00	215.06 18.99 0.00	148.94 11.83 0.00	78.71 4.70 0.00	70.21 3.43 0.00	62.77 2.84 0.00	62.51 2.78 0.00	61.91 2.76 0.00	65.25 2.84 0.00	87.24 4.09 0.00	122.68 7.81 0.00	183.91 14.04 0.00	160.76 12.32 0.00	101.25 7.90 0.00	124.30 9.73 0.00	95.32 7.45 0.00	123.90 10.28 0.00	131.99 11.79 0.00
CPV_VALLEY__CC1 323721	124.06 2.86 -6.12	99.97 1.71 -7.41	106.46 1.68 -3.77	109.07 1.55 -1.95	100.64 1.36 -0.59	110.44 1.57 0.00	143.77 2.46 0.00	200.17 4.10 0.00	140.59 3.48 0.00	76.09 2.08 0.00	68.67 1.88 0.00	61.60 1.68 0.00	61.37 1.65 0.00	60.73 1.58 0.00	63.95 1.54 0.00	85.29 2.14 0.00	118.09 3.21 0.00	174.91 5.05 0.00	152.75 4.31 0.00	96.45 3.09 0.00	118.23 3.67 0.00	90.48 2.61 0.00	116.62 3.00 0.00	122.96 2.76 0.00
CPV_VALLEY__CC2 323722	124.06 2.86 -6.12	99.97 1.71 -7.41	106.46 1.68 -3.77	109.07 1.55 -1.95	100.64 1.36 -0.59	110.44 1.57 0.00	143.77 2.46 0.00	200.17 4.10 0.00	140.59 3.48 0.00	76.09 2.08 0.00	68.67 1.88 0.00	61.60 1.68 0.00	61.37 1.65 0.00	60.73 1.58 0.00	63.95 1.54 0.00	85.29 2.14 0.00	118.09 3.21 0.00	174.91 5.05 0.00	152.75 4.31 0.00	96.45 3.09 0.00	118.23 3.67 0.00	90.48 2.61 0.00	116.62 3.00 0.00	122.96 2.76 0.00
CRESCENT__HYD 24018	184.35 6.03 -63.24	171.82 4.34 -76.64	144.72 4.70 -39.01	130.55 4.85 -20.12	109.22 4.39 -6.15	113.43 4.56 0.00	147.49 6.17 0.00	204.70 8.63 0.00	142.81 5.71 0.00	77.01 3.00 0.00	69.59 2.80 0.00	62.36 2.43 0.00	62.11 2.39 0.00	61.55 2.39 0.00	64.86 2.46 0.00	86.57 3.42 0.00	119.70 4.82 0.00	176.62 6.75 0.00	154.26 5.82 0.00	97.50 4.15 0.00	120.05 5.49 0.00	92.21 4.34 0.00	119.30 5.68 0.00	126.07 5.87 0.00
CRICKET__VALLEY_CC1 323756	128.67 4.86 -8.73	104.68 3.25 -10.59	109.65 3.25 -5.39	111.55 3.20 -2.78	102.52 2.99 -0.85	112.22 3.35 0.00	146.00 4.69 0.00	203.47 7.40 0.00	142.73 5.62 0.00	77.21 3.20 0.00	69.84 3.05 0.00	62.69 2.77 0.00	62.47 2.74 0.00	61.87 2.71 0.00	65.11 2.70 0.00	86.76 3.60 0.00	119.89 5.02 0.00	176.91 7.04 0.00	154.65 6.20 0.00	97.77 4.43 0.00	119.97 5.40 0.00	92.00 4.13 0.00	118.51 4.89 0.00	124.88 4.68 0.00
CRICKET__VALLEY_CC2 323757	128.67 4.86 -8.73	104.68 3.25 -10.59	109.65 3.25 -5.39	111.55 3.20 -2.78	102.52 2.99 -0.85	112.22 3.35 0.00	146.00 4.69 0.00	203.47 7.40 0.00	142.73 5.62 0.00	77.21 3.20 0.00	69.84 3.05 0.00	62.69 2.77 0.00	62.47 2.74 0.00	61.87 2.71 0.00	65.11 2.70 0.00	86.76 3.60 0.00	119.89 5.02 0.00	176.91 7.04 0.00	154.65 6.20 0.00	97.77 4.43 0.00	119.97 5.40 0.00	92.00 4.13 0.00	118.51 4.89 0.00	124.88 4.68 0.00
CRICKET__VALLEY_CC3 323758	128.67 4.86 -8.73	104.68 3.25 -10.59	109.65 3.25 -5.39	111.55 3.20 -2.78	102.52 2.99 -0.85	112.22 3.35 0.00	146.00 4.69 0.00	203.47 7.40 0.00	142.73 5.62 0.00	77.21 3.20 0.00	69.84 3.05 0.00	62.69 2.77 0.00	62.47 2.74 0.00	61.87 2.71 0.00	65.11 2.70 0.00	86.76 3.60 0.00	119.89 5.02 0.00	176.91 7.04 0.00	154.65 6.20 0.00	97.77 4.43 0.00	119.97 5.40 0.00	92.00 4.13 0.00	118.51 4.89 0.00	124.88 4.68 0.00
CRUCIBLE_METL_DRP 24180	111.66 -3.42 0.00	88.04 -2.80 0.00	97.87 -3.14 0.00	102.13 -3.44 0.00	95.52 -3.17 0.00	105.51 -3.37 0.00	137.19 -4.13 0.00	190.71 -5.36 0.00	133.49 -3.61 0.00	72.19 -1.82 0.00	64.95 -1.84 0.00	58.13 -1.80 0.00	57.82 -1.91 0.00	57.18 -1.98 0.00	60.32 -2.08 0.00	80.55 -2.61 0.00	112.29 -2.58 0.00	166.91 -2.96 0.00	146.03 -2.42 0.00	91.57 -1.78 0.00	111.89 -2.67 0.00	84.94 -2.58 0.35	110.07 -3.55 0.00	116.37 -3.82 0.00
DAHOWA__HYDRO 323763	197.83 8.99 -73.76	186.90 6.66 -89.39	153.84 7.33 -45.50	136.49 7.45 -23.47	112.72 6.87 -7.17	116.15 7.27 0.00	151.12 9.81 0.00	209.91 13.83 0.00	145.82 8.72 0.00	78.14 4.13 0.00	70.36 3.57 0.00	62.93 3.00 0.00	62.69 2.96 0.00	62.01 2.85 0.00	65.49 3.09 0.00	87.83 4.67 0.00	122.26 7.39 0.00	180.90 11.03 0.00	157.94 9.49 0.00	99.73 6.38 0.00	122.62 8.06 0.00	94.10 6.23 0.00	121.72 8.09 0.00	128.46 8.26 0.00
DANC__LFGE 323619	115.67 0.59 0.00	91.45 0.61 0.00	101.69 0.68 0.00	106.01 0.43 0.00	99.46 0.77 0.00	110.44 1.56 0.00	143.88 2.57 0.00	200.31 4.24 0.00	139.89 2.78 0.00	75.34 1.33 0.00	67.74 0.95 0.00	60.83 0.90 0.00	60.32 0.59 0.00	59.49 0.34 0.00	62.45 0.05 0.00	83.39 0.23 0.00	115.91 1.04 0.00	172.55 2.68 0.00	151.04 2.60 0.00	94.53 1.18 0.00	115.80 1.24 0.00	88.79 0.92 0.00	114.47 0.85 0.00	121.08 0.89 0.00
DANSKAMMER__1 23586	128.40 5.96 -7.37	103.88 4.11 -8.93	109.80 4.25 -4.55	112.14 4.22 -2.34	103.31 3.92 -0.72	113.33 4.46 0.00	147.70 6.38 0.00	205.90 9.83 0.00	144.53 7.43 0.00	78.11 4.11 0.00	70.47 3.68 0.00	63.20 3.28 0.00	62.95 3.22 0.00	62.33 3.18 0.00	65.64 3.24 0.00	87.62 4.47 0.00	121.45 6.58 0.00	179.99 10.12 0.00	157.29 8.84 0.00	99.33 5.98 0.00	121.74 7.17 0.00	93.11 5.25 0.00	119.93 6.31 0.00	126.34 6.14 0.00
DANSKAMMER__2 23589	128.40 5.96 -7.37	103.88 4.11 -8.93	109.80 4.25 -4.55	112.14 4.22 -2.34	103.31 3.92 -0.72	113.33 4.46 0.00	147.70 6.38 0.00	205.90 9.83 0.00	144.53 7.43 0.00	78.11 4.11 0.00	70.47 3.68 0.00	63.20 3.28 0.00	62.95 3.22 0.00	62.33 3.18 0.00	65.64 3.24 0.00	87.62 4.47 0.00	121.45 6.58 0.00	179.99 10.12 0.00	157.29 8.84 0.00	99.33 5.98 0.00	121.74 7.17 0.00	93.11 5.25 0.00	119.93 6.31 0.00	126.34 6.14 0.00
DANSKAMMER__3 23590	128.40 5.96 -7.37	103.88 4.11 -8.93	109.80 4.25 -4.55	112.14 4.22 -2.34	103.31 3.92 -0.72	113.33 4.46 0.00	147.70 6.38 0.00	205.90 9.83 0.00	144.53 7.43 0.00	78.11 4.11 0.00	70.47 3.68 0.00	63.20 3.28 0.00	62.95 3.22 0.00	62.33 3.18 0.00	65.64 3.24 0.00	87.62 4.47 0.00	121.45 6.58 0.00	179.99 10.12 0.00	157.29 8.84 0.00	99.33 5.98 0.00	121.74 7.17 0.00	93.11 5.25 0.00	119.93 6.31 0.00	126.34 6.14 0.00

DANSKAMMER___4 23591	128.40 5.96 -7.37	103.88 4.11 -8.93	109.80 4.25 -4.55	112.14 4.22 -2.34	103.31 3.92 -0.72	113.33 4.46 0.00	147.70 6.38 0.00	205.90 9.83 0.00	144.53 7.43 0.00	78.11 4.11 0.00	70.47 3.68 0.00	63.20 3.28 0.00	62.95 3.22 0.00	62.33 3.18 0.00	65.64 3.24 0.00	87.62 4.47 0.00	121.45 6.58 0.00	179.99 10.12 0.00	157.29 8.84 0.00	99.33 5.98 0.00	121.74 7.17 0.00	93.11 5.25 0.00	119.93 6.31 0.00	126.34 6.14 0.00
DANSKAMMER___DIESEL 23592	128.41 5.96 -7.37	103.88 4.11 -8.93	109.80 4.25 -4.55	112.14 4.22 -2.34	103.32 3.92 -0.72	113.33 4.46 0.00	147.70 6.38 0.00	205.90 9.83 0.00	144.54 7.43 0.00	78.12 4.11 0.00	70.46 3.67 0.00	63.19 3.27 0.00	62.94 3.21 0.00	62.33 3.18 0.00	65.64 3.24 0.00	87.62 4.46 0.00	121.45 6.58 0.00	179.99 10.12 0.00	157.29 8.84 0.00	99.33 5.98 0.00	121.74 7.17 0.00	93.12 5.25 0.00	119.93 6.31 0.00	126.34 6.14 0.00
DARBY___SOLAR 323810	195.69 8.14 -72.46	184.69 6.03 -87.82	152.30 6.59 -44.70	135.37 6.74 -23.05	111.90 6.18 -7.04	115.38 6.50 0.00	150.04 8.73 0.00	208.38 12.31 0.00	144.83 7.73 0.00	77.68 3.67 0.00	69.96 3.17 0.00	62.60 2.68 0.00	62.35 2.62 0.00	61.71 2.55 0.00	65.15 2.74 0.00	87.34 4.19 0.00	121.49 6.62 0.00	179.70 9.83 0.00	156.89 8.44 0.00	99.08 5.73 0.00	121.82 7.25 0.00	93.50 5.64 0.00	120.93 7.32 0.00	127.67 7.47 0.00
DASHVILLE___HYD 23610	131.15 5.08 -10.99	107.58 3.42 -13.32	111.39 3.60 -6.78	112.73 3.66 -3.50	103.19 3.43 -1.07	112.78 3.90 0.00	146.85 5.54 0.00	204.63 8.56 0.00	143.64 6.53 0.00	77.58 3.57 0.00	69.96 3.17 0.00	62.70 2.78 0.00	62.43 2.70 0.00	61.83 2.67 0.00	65.09 2.68 0.00	86.95 3.79 0.00	120.56 5.69 0.00	178.64 8.77 0.00	156.11 7.67 0.00	98.61 5.26 0.00	120.86 6.29 0.00	92.47 4.61 0.00	119.18 5.56 0.00	125.63 5.43 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	134.75 8.92 -10.75	111.57 6.85 -13.88	116.33 6.30 -9.02	114.06 5.47 -3.01	104.99 5.10 -1.21	117.12 6.10 -2.15	149.54 8.23 0.00	206.77 10.70 0.00	146.35 9.25 0.00	93.43 6.49 -12.93	71.44 4.64 0.00	64.19 4.26 0.00	64.24 4.51 0.00	63.48 4.33 0.00	67.18 4.78 0.00	90.48 7.32 0.00	127.17 12.30 -40.87	227.13 16.39 -19.00	181.50 14.05 -73.84	178.65 11.46 -30.61	159.08 13.90 -85.01	183.02 10.14 -90.26	216.28 12.40 -169.00	301.32 12.12 -169.00
DELAWARE___LFGE 323621	128.66 3.07 -10.51	105.71 2.13 -12.74	109.92 2.43 -6.48	111.35 2.43 -3.34	101.95 2.25 -1.02	111.44 2.57 0.00	144.96 3.65 0.00	201.51 5.44 0.00	141.23 4.13 0.00	76.39 2.38 0.00	68.81 2.03 0.00	61.63 1.71 0.00	61.33 1.60 0.00	60.72 1.56 0.00	63.96 1.56 0.00	85.40 2.25 0.00	118.25 3.38 0.00	175.25 5.39 0.00	153.19 4.74 0.00	96.46 3.11 0.00	118.23 3.67 0.00	90.39 2.75 0.22	116.96 3.34 0.00	123.37 3.18 0.00
DERFIELD_115KV_TB7 355931	116.03 0.96 0.00	91.48 0.64 0.00	101.71 0.71 0.00	106.22 0.64 0.00	99.27 0.59 0.00	109.47 0.60 0.00	142.24 0.92 0.00	197.44 1.37 0.00	138.09 0.99 0.00	74.56 0.55 0.00	67.26 0.47 0.00	60.32 0.39 0.00	60.09 0.36 0.00	59.50 0.35 0.00	62.71 0.31 0.00	83.61 0.46 0.00	115.67 0.80 0.00	171.14 1.27 0.00	149.51 1.06 0.00	94.14 0.80 0.00	115.57 1.01 0.00	88.66 0.80 0.00	114.64 1.02 0.00	121.17 0.97 0.00
DOGLEVILLE___HYD 23807	121.34 6.26 0.00	94.81 3.96 0.00	105.39 4.38 0.00	109.98 4.41 0.00	102.61 3.92 0.00	113.07 4.19 0.00	148.27 6.96 0.00	206.92 10.84 0.00	142.07 4.97 0.00	75.25 1.24 0.00	67.76 0.97 0.00	60.34 0.41 0.00	59.90 0.17 0.00	59.65 0.49 0.00	62.82 0.42 0.00	84.37 1.22 0.00	119.27 4.40 0.00	178.62 8.75 0.00	156.06 7.61 0.00	99.08 5.73 0.00	121.99 7.43 0.00	93.89 6.02 0.00	120.90 7.28 0.00	127.34 7.14 0.00
DUNKIRK___115KV_TB_200 55889	108.96 -6.12 0.00	86.35 -4.50 0.00	96.41 -4.60 0.00	100.27 -5.30 0.00	94.05 -4.64 0.00	103.49 -5.38 0.00	133.73 -7.58 0.00	184.49 -11.58 0.00	129.96 -7.14 0.00	70.99 -3.02 0.00	63.81 -2.98 0.00	57.03 -2.90 0.00	56.42 -3.31 0.00	56.30 -2.85 0.00	59.46 -2.95 0.00	78.77 -4.39 0.00	107.95 -6.92 0.00	160.56 -9.30 0.00	140.88 -7.56 0.00	88.06 -5.28 0.00	106.36 -8.20 0.00	78.37 -7.59 1.91	104.39 -9.23 0.00	111.61 -8.59 0.00
DUNKIRK___1 23563	108.96 -6.12 0.00	86.35 -4.50 0.00	96.41 -4.60 0.00	100.27 -5.30 0.00	94.05 -4.64 0.00	103.49 -5.38 0.00	133.73 -7.58 0.00	184.49 -11.58 0.00	129.96 -7.14 0.00	70.99 -3.02 0.00	63.81 -2.98 0.00	57.03 -2.90 0.00	56.42 -3.31 0.00	56.30 -2.85 0.00	59.46 -2.95 0.00	78.77 -4.39 0.00	107.95 -6.92 0.00	160.56 -9.30 0.00	140.88 -7.56 0.00	88.06 -5.28 0.00	106.36 -8.20 0.00	78.37 -7.59 1.91	104.39 -9.23 0.00	111.61 -8.59 0.00
DUNKIRK___2 23564	108.96 -6.12 0.00	86.35 -4.50 0.00	96.41 -4.60 0.00	100.27 -5.30 0.00	94.05 -4.64 0.00	103.49 -5.38 0.00	133.73 -7.58 0.00	184.49 -11.58 0.00	129.96 -7.14 0.00	70.99 -3.02 0.00	63.81 -2.98 0.00	57.03 -2.90 0.00	56.42 -3.31 0.00	56.30 -2.85 0.00	59.46 -2.95 0.00	78.77 -4.39 0.00	107.95 -6.92 0.00	160.56 -9.30 0.00	140.88 -7.56 0.00	88.06 -5.28 0.00	106.36 -8.20 0.00	78.37 -7.59 1.91	104.39 -9.23 0.00	111.61 -8.59 0.00
DUNKIRK___3 23565	108.46 -6.62 0.00	85.90 -4.94 0.00	95.95 -5.06 0.00	99.74 -5.83 0.00	93.54 -5.15 0.00	102.85 -6.03 0.00	132.83 -8.48 0.00	183.23 -12.84 0.00	129.07 -8.03 0.00	70.53 -3.48 0.00	63.46 -3.33 0.00	56.71 -3.21 0.00	56.11 -3.62 0.00	56.01 -3.15 0.00	59.13 -3.28 0.00	78.31 -4.85 0.00	107.28 -7.59 0.00	159.46 -10.41 0.00	139.95 -8.49 0.00	87.48 -5.87 0.00	105.77 -8.80 0.00	78.13 -7.85 1.89	104.14 -9.48 0.00	111.44 -8.76 0.00
DUNKIRK___4 23566	108.46 -6.62 0.00	85.90 -4.94 0.00	95.95 -5.06 0.00	99.74 -5.83 0.00	93.54 -5.15 0.00	102.85 -6.03 0.00	132.83 -8.48 0.00	183.23 -12.84 0.00	129.07 -8.03 0.00	70.53 -3.48 0.00	63.46 -3.33 0.00	56.71 -3.21 0.00	56.11 -3.62 0.00	56.01 -3.15 0.00	59.13 -3.28 0.00	78.31 -4.85 0.00	107.28 -7.59 0.00	159.46 -10.41 0.00	139.95 -8.49 0.00	87.48 -5.87 0.00	105.77 -8.80 0.00	78.13 -7.85 1.89	104.14 -9.48 0.00	111.44 -8.76 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	127.43 5.21 -7.14	102.94 3.45 -8.65	108.87 3.46 -4.40	111.13 3.28 -2.27	102.34 2.97 -0.69	112.23 3.36 0.00	146.29 4.97 0.00	204.00 7.93 0.00	143.60 6.50 0.00	77.86 3.86 0.00	70.33 3.54 0.00	63.11 3.19 0.00	62.91 3.18 0.00	62.24 3.09 0.00	65.44 3.03 0.00	87.23 4.08 0.00	120.83 5.96 0.00	178.94 9.07 0.00	156.36 7.91 0.00	98.84 5.49 0.00	121.08 6.52 0.00	92.56 4.70 0.00	119.16 5.54 0.00	125.50 5.30 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	126.95 4.75 -7.12	102.63 3.16 -8.63	108.63 3.24 -4.39	111.00 3.16 -2.26	102.25 2.87 -0.69	112.17 3.30 0.00	146.13 4.82 0.00	203.61 7.54 0.00	143.03 5.92 0.00	77.34 3.34 0.00	69.72 2.94 0.00	62.53 2.61 0.00	62.29 2.56 0.00	61.66 2.51 0.00	64.94 2.54 0.00	86.70 3.54 0.00	120.17 5.30 0.00	178.11 8.24 0.00	155.59 7.15 0.00	98.27 4.92 0.00	120.43 5.87 0.00	92.13 4.26 0.00	118.65 5.03 0.00	125.03 4.83 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	127.07 4.85 -7.14	102.61 3.11 -8.65	108.47 3.06 -4.40	110.64 2.80 -2.27	101.88 2.51 -0.69	111.90 3.02 0.00	145.83 4.52 0.00	203.44 7.37 0.00	143.48 6.38 0.00	77.79 3.78 0.00	70.42 3.63 0.00	63.29 3.36 0.00	63.08 3.34 0.00	62.44 3.29 0.00	65.47 3.07 0.00	87.36 4.21 0.00	120.99 6.11 0.00	179.53 9.66 0.00	156.48 8.04 0.00	98.83 5.48 0.00	120.97 6.40 0.00	92.38 4.52 0.00	118.93 5.31 0.00	125.16 4.96 0.00
E179THST_13_KV_LOAD 356214	127.59 5.38 -7.14	103.03 3.54 -8.65	108.91 3.50 -4.40	111.07 3.23 -2.27	102.30 2.93 -0.69	112.37 3.50 0.00	146.54 5.22 0.00	204.45 8.38 0.00	144.23 7.13 0.00	78.18 4.17 0.00	70.80 4.01 0.00	63.60 3.68 0.00	63.39 3.66 0.00	62.74 3.59 0.00	65.79 3.39 0.00	87.80 4.65 0.00	121.58 6.71 0.00	180.49 10.62 0.00	157.32 8.87 0.00	99.35 6.00 0.00	121.63 7.06 0.00	92.85 4.99 0.00	119.51 5.89 0.00	125.73 5.53 0.00
EAST HAMPTON___GT 23717	134.52 8.69 -10.75	111.94 7.21 -13.88	116.32 6.29 -9.02	113.57 4.98 -3.02	104.66 4.76 -1.21	116.63 5.61 -2.15	148.58 7.27 0.00	204.09 8.01 0.00	144.70 7.60 0.00	93.05 6.11 -12.93	71.09 4.30 0.00	64.44 4.52 0.00	64.79 5.06 0.00	64.15 4.99 0.00	67.93 5.53 0.00	91.66 8.51 0.00	129.07 14.20 0.00	228.53 17.79 -40.88	182.83 15.38 -19.01	180.26 13.06 -73.85	161.13 15.96 -30.61	184.36 11.47 -85.02	217.76 13.86 -90.27	302.26 13.02 -169.04
EAST RIVER___6 23660	127.57 5.35 -7.14	103.02 3.53 -8.65	108.68 3.27 -4.40	110.78 2.94 -2.27	101.94 2.57 -0.69	111.79 2.92 0.00	145.76 4.45 0.00	203.47 7.39 0.00	143.61 6.50 0.00	77.97 3.96 0.00	70.54 3.75 0.00	63.37 3.44 0.00	63.19 3.46 0.00	62.53 3.37 0.00	65.66 3.25 0.00	87.53 4.37 0.00	121.18 6.30 0.00	179.41 9.55 0.00	156.52 8.07 0.00	98.95 5.60 0.00	121.14 6.58 0.00	92.53 4.67 0.00	118.97 5.35 0.00	125.24 5.04 0.00
EAST RIVER___7 23524	127.57 5.35 -7.14	103.02 3.53 -8.65	108.68 3.27 -4.40	110.78 2.94 -2.27	101.94 2.57 -0.69	111.79 2.92 0.00	145.76 4.45 0.00	203.47 7.39 0.00	143.61 6.50 0.00	77.97 3.96 0.00	70.54 3.75 0.00	63.37 3.44 0.00	63.19 3.46 0.00	62.53 3.37 0.00	65.66 3.25 0.00	87.53 4.37 0.00	121.18 6.30 0.00	179.41 9.55 0.00	156.52 8.07 0.00	98.95 5.60 0.00	121.14 6.58 0.00	92.53 4.67 0.00	118.97 5.35 0.00	125.24 5.04 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	127.14 4.94 -7.12	102.74 3.27 -8.63	108.67 3.27 -4.39	110.94 3.11 -2.27	102.19 2.82 -0.69	112.06 3.18 0.00	146.01 4.70 0.00	203.61 7.54 0.00	143.26 6.15 0.00	77.67 3.66 0.00	70.12 3.34 0.00	62.94 3.01 0.00	62.73 3.00 0.00	62.07 2.91 0.00	65.26 2.86 0.00	87.03 3.88 0.00	120.52 5.65 0.00	178.54 8.67 0.00	155.90 7.46 0.00	98.55 5.19 0.00	120.73 6.17 0.00	92.32 4.46 0.00	118.83 5.21 0.00	125.19 4.99 0.00
EAST_HAMPTON___DIESEL 23722	134.29 8.46 -10.75	111.81 7.08 -13.88	116.12 6.10 -9.02	113.33 4.74 -3.02	104.41 4.51 -1.21	116.33 5.31 -2.15	148.16 6.85 0.00	203.58 7.51 0.00	144.32 7.21 0.00	92.85 5.91 -12.93	70.94 4.15 0.00	64.37 4.44 0.00	64.75 5.02 0.00	64.12 4.96 0.00	67.93 5.53 0.00	91.66 8.50 0.00	129.08 14.21 0.00	228.62 17.88 -40.88	182.88 15.43 -19.01	180.23 13.04 -73.85	161.14 15.97 -30.61	184.39 11.51 -85.02	217.78 13.89 -90.27	302.28 13.05 -169.04
EAST_POINT___SOLAR 323840	197.38 8.52 -73.77	186.87 6.62 -89.41	154.02 7.50 -45.51	136.90 7.86 -23.47	113.46 7.60 -7.17	117.93 9.05 0.00	154.11 12.80 0.00	214.21 18.14 0.00	147.32 10.22 0.00	77.16 3.15 0.00	68.56 1.77 0.00	61.09 1.16 0.00	61.16 1.44 0.00	61.32 2.16 0.00	65.02 2.61 0.00	87.60 4.45 0.00	123.86 8.98 0.00	185.85 15.98 0.00	162.84 14.39 0.00	102.35 9.00 0.00	125.27 10.71 0.00	95.84 7.98 0.00	123.57 9.95 0.00	130.24 10.04 0.00
EAST_PULASKI___ESR 323781	112.46 -2.62 0.00	88.79 -2.05 0.00	98.69 -2.32 0.00	102.97 -2.60 0.00	96.45 -2.23 0.00	106.79 -2.08 0.00	138.93 -2.38 0.00	193.24 -2.83 0.00	135.10 -2.00 0.00	72.93 -1.08 0.00	65.62 -1.17 0.00	58.90 -1.03 0.00	58.47 -1.26 0.00	57.77 -1.38 0.00	60.77 -1.63 0.00	81.05 -2.11 0.00	112.42 -2.45 0.00	167.13 -2.74 0.00	146.33 -2.12 0.00	91.82 -1.53 0.00	112.44 -2.12 0.00	86.24 -1.74 -0.10	111.17 -2.45 0.00	117.59 -2.62 0.00
EAST_RIVER___1 323558	127.42 5.20 -7.14	102.92 3.42 -8.65	108.71 3.30 -4.40	110.97 3.12 -2.27	102.18 2.80 -0.69	112.04 3.16 0.00	146.10 4.79 0.00	204.01 7.94 0.00	143.83 6.72 0.00	78.02 4.01 0.00	70.59 3.80 0.00	63.40 3.48 0.00	63.22 3.49 0.00	62.57 3.41 0.00	65.70 3.30 0.00	87.58 4.42 0.00	121.24 6.37 0.00	179.65 9.78 0.00	156.73 8.29 0.00	99.03 5.68 0.00	121.26 6.70 0.00	92.62 4.76 0.00	119.16 5.54 0.00	125.46 5.26 0.00
EAST_RIVER___2 323559	127.57 5.35 -7.14	103.02 3.53 -8.65	108.68 3.27 -4.40	110.78 2.94 -2.27	101.94 2.57 -0.69	111.79 2.92 0.00	145.76 4.45 0.00	203.47 7.39 0.00	143.61 6.50 0.00	77.97 3.96 0.00	70.54 3.75 0.00	63.37 3.44 0.00	63.19 3.46 0.00	62.53 3.37 0.00	65.66 3.25 0.00	87.53 4.37 0.00	121.18 6.30 0.00	179.41 9.55 0.00	156.52 8.07 0.00	98.95 5.60 0.00	121.14 6.58 0.00	92.53 4.67 0.00	118.97 5.35 0.00	125.24 5.04 0.00
EAST___DELAWARE_HYD 23607	125.26 2.67 -7.51	101.50 1.56 -9.10	107.07 1.43 -4.63	109.29 1.33 -2.39	100.63 1.21 -0.73	110.49 1.62 0.00	144.09 2.78 0.00	200.98 4.91 0.00	140.91 3.81 0.00	75.85 1.85 0.00	68.22 1.43 0.00	61.09 1.17 0.00	60.79 1.07 0.00	60.19 1.03 0.00	63.49 1.08 0.00	85.03 1.87 0.00	118.24 3.36 0.00	175.47 5.60 0.00	153.47 5.02 0.00	96.87 3.52 0.00	118.70 4.14 0.00	90.74 2.88 0.00	116.85 3.23 0.00	123.06 2.86 0.00
EIGHT_POINT___WT_PWR 323820	112.91 -4.22 -2.04	90.65 -2.67 -2.48	99.12 -3.15 -1.26	102.79 -3.44 -0.65	96.28 -2.60 -0.20	105.98 -2.89 0.00	137.42 -3.89 0.00	190.92 -5.15 0.00	134.11 -3.00 0.00	72.94 -1.07 0.00	65.18 -1.61 0.00	58.03 -1.90 0.00	57.58 -2.15 0.00	57.16 -2.00 0.00	60.18 -2.23 0.00	80.09 -3.07 0.00	111.16 -3.71 0.00	166.26 -3.61 0.00	145.62 -2.82 0.00	90.41 -2.94 0.00	108.94 -5.62 0.00	79.79 -5.08 2.99	106.43 -7.19 0.00	112.55 -7.65 0.00
ELBRIDGE_115KV_TB2 80188	111.71 -3.37 0.00	88.09 -2.75 0.00	97.85 -3.16 0.00	102.11 -3.47 0.00	95.53 -3.15 0.00	105.46 -3.41 0.00	137.14 -4.17 0.00	190.51 -5.56 0.00	133.50 -3.61 0.00	72.23 -1.78 0.00	65.02 -1.77 0.00	58.14 -1.79 0.00	57.87 -1.86 0.00	57.18 -1.97 0.00	60.35 -2.05 0.00	80.60 -2.56 0.00	111.87 -3.01 0.00	165.83 -4.04 0.00	145.15 -3.30 0.00	91.13 -2.22 0.00	111.52 -3.04 0.00	84.90 -2.66 0.31	110.07 -3.55 0.00	116.33 -3.87 0.00
ELEC_TRO_TEK 24086	156.55 6.48 -34.99	144.28 4.46 -48.97	145.27 4.28 -39.98	117.54 3.97 -8.00	106.27 3.56 -4.03	126.89 4.23 -13.78	147.13 5.82 0.00	204.85 8.78 0.00	144.58 7.47 -12.93	91.67 4.73 0.00	70.79 4.00 0.00	63.45 3.53 0.00	63.16 3.43 0.00	62.37 3.21 0.00	65.70 3.29 0.00	87.61 4.46 0.00	121.83 6.96 0.00	200.16 10.55 -19.74	157.49 9.04 0.00	145.74 6.71 -45.68	141.31 7.99 -18.76	151.00 5.82 -57.31	151.39 6.88 -30.88	151.22 6.77 -24.26

ELLENBURG_WT_PWR 323604	115.34 0.26 0.00	91.66 0.81 0.00	102.26 1.25 0.00	107.42 1.85 0.00	100.56 1.88 0.00	110.94 2.07 0.00	143.39 2.08 0.00	197.29 1.22 0.00	137.73 0.63 0.00	74.31 0.30 0.00	67.58 0.79 0.00	60.54 0.61 0.00	60.37 0.64 0.00	59.94 0.79 0.00	63.38 0.97 0.00	84.42 1.26 0.00	115.42 0.55 0.00	170.00 0.13 0.00	148.56 0.12 0.00	93.03 -0.31 0.00	114.43 -0.13 0.00	88.18 0.31 0.00	114.40 0.78 0.00	121.64 1.44 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	106.78 -8.30 0.00	84.60 -6.24 0.00	94.51 -6.50 0.00	98.26 -7.32 0.00	92.06 -6.62 0.00	101.20 -7.67 0.00	130.48 -10.83 0.00	179.70 -16.37 0.00	126.66 -10.44 0.00	69.31 -4.70 0.00	62.44 -4.35 0.00	55.76 -4.17 0.00	55.21 -4.52 0.00	55.20 -3.96 0.00	58.27 -4.13 0.00	77.13 -6.02 0.00	105.54 -9.33 0.00	156.74 -13.13 0.00	137.66 -10.79 0.00	86.06 -7.29 0.00	104.06 -10.50 0.00	77.20 -8.81 1.86	103.11 -10.51 0.00	110.69 -9.50 0.00
EMPIRE_CC_1 323656	140.34 4.78 -20.47	119.02 3.36 -24.81	117.26 3.62 -12.63	115.81 3.72 -6.51	104.03 3.36 -1.99	112.23 3.36 0.00	145.68 4.36 0.00	202.14 6.07 0.00	141.23 4.13 0.00	76.38 2.37 0.00	69.17 2.38 0.00	62.03 2.11 0.00	61.79 2.06 0.00	61.25 2.09 0.00	64.40 2.00 0.00	85.52 2.37 0.00	118.10 3.23 0.00	173.50 3.63 0.00	151.50 3.05 0.00	95.90 2.55 0.00	118.51 3.95 0.00	91.31 3.44 0.00	118.20 4.58 0.00	124.93 4.73 0.00
EMPIRE_CC_2 323658	140.34 4.78 -20.47	119.02 3.36 -24.81	117.26 3.62 -12.63	115.81 3.72 -6.51	104.03 3.36 -1.99	112.23 3.36 0.00	145.68 4.36 0.00	202.14 6.07 0.00	141.23 4.13 0.00	76.38 2.37 0.00	69.17 2.38 0.00	62.03 2.11 0.00	61.79 2.06 0.00	61.25 2.09 0.00	64.40 2.00 0.00	85.52 2.37 0.00	118.10 3.23 0.00	173.50 3.63 0.00	151.50 3.05 0.00	95.90 2.55 0.00	118.51 3.95 0.00	91.31 3.44 0.00	118.20 4.58 0.00	124.93 4.73 0.00
ENORWICH_115KV_TB1 80156	127.81 7.83 -4.90	103.03 6.25 -5.94	111.11 7.07 -3.02	114.65 7.52 -1.56	106.78 7.62 -0.48	118.18 9.31 0.00	154.78 13.47 0.00	216.54 20.47 0.00	151.20 14.09 0.00	81.07 7.06 0.00	72.15 5.36 0.00	63.81 3.88 0.00	63.15 3.42 0.00	62.49 3.33 0.00	65.78 3.38 0.00	88.66 5.51 0.00	125.04 10.17 0.00	187.87 18.00 0.00	164.94 16.49 0.00	103.48 10.13 0.00	126.53 11.97 0.00	97.37 8.53 -0.97	123.41 9.79 0.00	128.84 8.64 0.00
ERIE_ST__34_KV_TB1-2 80199	108.88 -6.20 0.00	86.17 -4.67 0.00	96.21 -4.80 0.00	100.04 -5.53 0.00	93.73 -4.96 0.00	103.00 -5.88 0.00	133.05 -8.26 0.00	183.48 -12.59 0.00	129.28 -7.83 0.00	70.73 -3.27 0.00	63.73 -3.06 0.00	56.97 -2.96 0.00	56.45 -3.28 0.00	56.23 -2.93 0.00	59.42 -2.99 0.00	78.65 -4.51 0.00	107.67 -7.20 0.00	159.89 -9.98 0.00	140.28 -8.17 0.00	87.86 -5.49 0.00	106.52 -8.04 0.00	79.16 -6.83 1.88	105.49 -8.13 0.00	113.06 -7.14 0.00
ERIE_WT_PWR 323693	107.70 -7.38 0.00	85.32 -5.52 0.00	95.31 -5.70 0.00	99.04 -6.53 0.00	92.80 -5.88 0.00	102.04 -6.83 0.00	131.73 -9.59 0.00	181.51 -14.56 0.00	127.91 -9.19 0.00	69.93 -4.08 0.00	62.97 -3.82 0.00	56.21 -3.72 0.00	55.64 -4.09 0.00	55.58 -3.58 0.00	58.70 -3.71 0.00	77.71 -5.44 0.00	106.40 -8.47 0.00	158.05 -11.82 0.00	138.83 -9.61 0.00	86.76 -6.59 0.00	105.08 -9.48 0.00	77.88 -8.10 1.88	103.89 -9.73 0.00	111.55 -8.65 0.00
ESPRGFLD_115KV_TB1 80157	172.39 4.43 -52.88	158.31 3.38 -64.08	137.62 4.00 -32.62	126.57 4.17 -16.82	107.94 4.12 -5.14	114.09 5.21 0.00	148.84 7.53 0.00	206.91 10.84 0.00	144.45 7.34 0.00	77.53 3.52 0.00	69.55 2.76 0.00	62.11 2.18 0.00	61.72 1.99 0.00	61.20 2.04 0.00	64.54 2.14 0.00	86.56 3.41 0.00	120.77 5.90 0.00	180.20 10.33 0.00	157.82 9.37 0.00	99.14 5.78 0.00	121.25 6.69 0.00	92.55 4.82 0.14	119.44 5.82 0.00	125.77 5.57 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	118.02 0.55 -2.39	94.03 0.30 -2.89	102.78 0.29 -1.47	106.51 0.17 -0.76	99.23 0.31 -0.23	109.44 0.57 0.00	142.42 1.11 0.00	198.24 2.17 0.00	138.82 1.71 0.00	74.97 0.96 0.00	67.23 0.45 0.00	60.03 0.10 0.00	59.61 -0.12 0.00	58.84 -0.32 0.00	62.05 -0.35 0.00	83.01 -0.15 0.00	115.63 0.76 0.00	172.25 2.39 0.00	151.00 2.55 0.00	94.83 1.48 0.00	115.95 1.39 0.00	91.58 0.79 -2.93	114.25 0.63 0.00	120.57 0.37 0.00
ETNA____115KV_TB2 80207	118.02 0.55 -2.39	94.03 0.30 -2.89	102.78 0.29 -1.47	106.51 0.17 -0.76	99.23 0.31 -0.23	109.44 0.57 0.00	142.42 1.11 0.00	198.24 2.17 0.00	138.82 1.71 0.00	74.97 0.96 0.00	67.23 0.45 0.00	60.03 0.10 0.00	59.61 -0.12 0.00	58.84 -0.32 0.00	62.05 -0.35 0.00	83.01 -0.15 0.00	115.63 0.76 0.00	172.25 2.39 0.00	151.00 2.55 0.00	94.83 1.48 0.00	115.95 1.39 0.00	91.58 0.79 -2.93	114.25 0.63 0.00	120.57 0.37 0.00
EUCLID____115KV_TB2 356179	110.89 -4.18 0.00	87.46 -3.38 0.00	97.28 -3.73 0.00	101.52 -4.05 0.00	94.94 -3.74 0.00	104.84 -4.03 0.00	136.22 -5.09 0.00	189.23 -6.83 0.00	132.51 -4.60 0.00	71.68 -2.33 0.00	64.53 -2.26 0.00	57.80 -2.13 0.00	57.46 -2.28 0.00	56.87 -2.29 0.00	59.95 -2.45 0.00	79.99 -3.17 0.00	110.82 -4.05 0.00	164.39 -5.48 0.00	143.87 -4.58 0.00	90.39 -2.96 0.00	110.68 -3.88 0.00	83.90 -3.22 0.74	109.33 -4.29 0.00	115.72 -4.48 0.00
E_CANADA_CAP_HY 24051	189.72 6.07 -68.57	178.69 4.73 -83.10	148.80 5.49 -42.30	133.19 5.80 -21.82	111.02 5.67 -6.67	115.80 6.93 0.00	151.10 9.79 0.00	209.90 13.83 0.00	145.62 8.51 0.00	77.45 3.44 0.00	69.28 2.49 0.00	61.75 1.82 0.00	61.48 1.75 0.00	61.10 1.94 0.00	64.55 2.15 0.00	86.73 3.57 0.00	121.69 6.82 0.00	182.00 12.14 0.00	159.42 10.97 0.00	100.18 6.83 0.00	122.60 8.04 0.00	93.83 6.07 0.10	121.17 7.55 0.00	127.82 7.62 0.00
E_CANADA_MHWK_HY 24050	121.34 6.26 0.00	94.81 3.96 0.00	105.39 4.38 0.00	109.98 4.41 0.00	102.61 3.92 0.00	113.07 4.19 0.00	148.27 6.96 0.00	206.92 10.84 0.00	142.07 4.97 0.00	75.25 1.24 0.00	67.76 0.97 0.00	60.34 0.41 0.00	59.90 0.17 0.00	59.65 0.49 0.00	62.82 0.42 0.00	84.37 1.22 0.00	119.27 4.40 0.00	178.62 8.75 0.00	156.06 7.61 0.00	99.08 5.73 0.00	121.99 7.43 0.00	93.89 6.02 0.00	120.90 7.28 0.00	127.34 7.14 0.00
E_FISHKILL____LBMP 23776	126.99 4.65 -7.26	102.72 3.08 -8.80	108.60 3.12 -4.48	110.89 3.01 -2.31	102.13 2.74 -0.71	111.93 3.05 0.00	145.73 4.42 0.00	203.07 6.99 0.00	142.69 5.58 0.00	77.28 3.27 0.00	69.81 3.02 0.00	62.65 2.72 0.00	62.42 2.69 0.00	61.79 2.64 0.00	65.01 2.61 0.00	86.66 3.51 0.00	119.94 5.06 0.00	177.41 7.54 0.00	154.99 6.54 0.00	97.93 4.59 0.00	120.07 5.51 0.00	91.93 4.06 0.00	118.48 4.86 0.00	124.82 4.62 0.00
FALCON____SEABRD_CC1 323796	116.79 1.71 0.00	92.88 2.04 0.00	103.66 2.65 0.00	108.80 3.23 0.00	101.59 2.91 0.00	111.46 2.59 0.00	143.70 2.38 0.00	196.06 -0.01 0.00	136.76 -0.35 0.00	73.84 -0.17 0.00	67.81 1.03 0.00	60.76 0.83 0.00	60.55 0.82 0.00	60.11 0.96 0.00	63.49 1.09 0.00	84.65 1.50 0.00	114.70 -0.17 0.00	168.71 -1.16 0.00	147.37 -1.08 0.00	92.47 -0.88 0.00	114.41 -0.15 0.00	88.96 1.09 0.00	115.03 1.40 0.00	123.09 2.89 0.00

FALCON___SEABRD_CC2 323797	116.79 1.71 0.00	92.88 2.04 0.00	103.66 2.65 0.00	108.80 3.23 0.00	101.59 2.91 0.00	111.46 2.59 0.00	143.70 2.38 0.00	196.06 -0.01 0.00	136.76 -0.35 0.00	73.84 -0.17 0.00	67.81 1.03 0.00	60.76 0.83 0.00	60.55 0.82 0.00	60.11 0.96 0.00	63.49 1.09 0.00	84.65 1.50 0.00	114.70 -0.17 0.00	168.71 -1.16 0.00	147.37 -1.08 0.00	92.47 -0.88 0.00	114.41 -0.15 0.00	88.96 1.09 0.00	115.03 1.40 0.00	123.09 2.89 0.00
FAR ROCKAWAY___4 23548	192.66 7.63 -69.95	195.81 5.38 -99.59	190.94 5.29 -84.64	125.84 5.07 -15.20	110.85 4.88 -7.28	141.48 5.36 -27.24	148.34 7.03 0.00	206.41 10.34 0.00	145.56 8.45 0.00	92.47 5.53 -12.93	71.66 4.87 0.00	64.20 4.27 0.00	63.87 4.14 0.00	63.09 3.94 0.00	66.32 3.92 0.00	87.85 4.69 0.00	122.36 7.49 0.00	201.62 12.01 -19.74	158.76 10.32 0.00	146.49 7.46 -45.68	142.26 8.94 -18.76	152.08 6.90 -57.31	152.69 8.19 -30.88	152.12 7.67 -24.26
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	127.42 5.21 -7.14	102.91 3.42 -8.65	108.77 3.36 -4.40	111.05 3.20 -2.27	102.24 2.87 -0.69	112.08 3.20 0.00	146.16 4.85 0.00	204.10 8.03 0.00	143.89 6.79 0.00	78.03 4.02 0.00	70.59 3.80 0.00	63.40 3.47 0.00	63.23 3.50 0.00	62.58 3.43 0.00	65.71 3.30 0.00	87.61 4.45 0.00	121.28 6.41 0.00	179.73 9.86 0.00	156.82 8.37 0.00	99.07 5.72 0.00	121.32 6.76 0.00	92.69 4.82 0.00	119.23 5.61 0.00	125.56 5.36 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	127.45 5.24 -7.14	102.97 3.48 -8.65	108.80 3.39 -4.40	111.10 3.25 -2.27	102.29 2.92 -0.69	112.15 3.28 0.00	146.25 4.94 0.00	204.23 8.16 0.00	143.96 6.85 0.00	78.06 4.05 0.00	70.63 3.84 0.00	63.44 3.51 0.00	63.26 3.53 0.00	62.60 3.45 0.00	65.73 3.33 0.00	87.62 4.47 0.00	121.35 6.48 0.00	179.83 9.96 0.00	156.93 8.48 0.00	99.13 5.78 0.00	121.39 6.83 0.00	92.74 4.87 0.00	119.29 5.67 0.00	125.62 5.42 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	127.25 5.03 -7.14	102.79 3.30 -8.65	108.61 3.20 -4.40	110.92 3.07 -2.27	102.13 2.75 -0.69	111.95 3.08 0.00	145.97 4.66 0.00	203.84 7.77 0.00	143.68 6.58 0.00	77.90 3.89 0.00	70.48 3.70 0.00	63.31 3.38 0.00	63.14 3.41 0.00	62.48 3.33 0.00	65.61 3.20 0.00	87.46 4.30 0.00	121.11 6.24 0.00	179.44 9.58 0.00	156.59 8.14 0.00	98.92 5.57 0.00	121.14 6.58 0.00	92.54 4.67 0.00	119.07 5.45 0.00	125.39 5.19 0.00
FARRAGUT___LBMP 323566	127.25 5.03 -7.14	102.79 3.30 -8.65	108.61 3.20 -4.40	110.92 3.07 -2.27	102.13 2.75 -0.69	111.95 3.08 0.00	145.97 4.66 0.00	203.84 7.77 0.00	143.68 6.58 0.00	77.90 3.89 0.00	70.48 3.70 0.00	63.31 3.38 0.00	63.14 3.41 0.00	62.48 3.33 0.00	65.61 3.20 0.00	87.46 4.30 0.00	121.11 6.24 0.00	179.44 9.58 0.00	156.59 8.14 0.00	98.92 5.57 0.00	121.14 6.58 0.00	92.54 4.67 0.00	119.07 5.45 0.00	125.39 5.19 0.00
FENNER___WINDPWR 24204	116.85 1.77 0.00	92.13 1.28 0.00	102.50 1.49 0.00	107.18 1.61 0.00	100.21 1.53 0.00	110.49 1.61 0.00	143.55 2.24 0.00	199.72 3.65 0.00	139.60 2.50 0.00	75.19 1.18 0.00	67.53 0.74 0.00	60.45 0.52 0.00	60.10 0.37 0.00	59.42 0.26 0.00	62.60 0.19 0.00	83.61 0.45 0.00	116.29 1.42 0.00	172.94 3.07 0.00	151.28 2.83 0.00	95.04 1.69 0.00	116.53 1.97 0.00	89.89 1.78 -0.24	115.66 2.03 0.00	122.00 1.80 0.00
FIBERTEK___ENERGY 23856	111.66 -3.42 0.00	88.04 -2.80 0.00	97.87 -3.14 0.00	102.13 -3.44 0.00	95.52 -3.17 0.00	105.51 -3.37 0.00	137.19 -4.13 0.00	190.71 -5.36 0.00	133.49 -3.61 0.00	72.19 -1.82 0.00	64.95 -1.84 0.00	58.13 -1.80 0.00	57.82 -1.91 0.00	57.18 -1.98 0.00	60.32 -2.08 0.00	80.55 -2.61 0.00	112.29 -2.58 0.00	166.91 -2.96 0.00	146.03 -2.42 0.00	91.57 -1.78 0.00	111.89 -2.67 0.00	84.94 -2.58 0.35	110.07 -3.55 0.00	116.37 -3.82 0.00
FITZPATRICK___ 23598	109.80 -5.28 0.00	86.61 -4.24 0.00	96.33 -4.68 0.00	100.59 -4.99 0.00	94.06 -4.63 0.00	103.78 -5.09 0.00	134.84 -6.47 0.00	187.21 -8.86 0.00	131.03 -6.07 0.00	70.85 -3.16 0.00	63.82 -2.97 0.00	57.21 -2.72 0.00	56.91 -2.82 0.00	56.34 -2.82 0.00	59.41 -2.99 0.00	79.20 -3.95 0.00	109.61 -5.26 0.00	162.39 -7.47 0.00	142.11 -6.34 0.00	89.28 -4.07 0.00	109.42 -5.15 0.00	83.64 -4.11 0.11	108.26 -5.37 0.00	114.57 -5.63 0.00
FLOWRFLD_69_KV_BK1 356044	134.48 8.47 -10.93	110.98 6.00 -14.14	115.92 5.66 -9.25	113.89 5.26 -3.05	104.67 4.75 -1.24	116.88 5.75 -2.25	149.31 8.00 0.00	207.60 11.53 0.00	146.53 9.42 0.00	93.18 6.24 -12.93	71.45 4.66 0.00	63.84 3.91 0.00	63.62 3.89 0.00	62.75 3.60 0.00	66.28 3.88 0.00	89.01 5.86 0.00	124.71 9.84 0.00	232.32 13.61 -48.84	186.32 11.70 -26.17	186.99 9.18 -84.46	160.67 11.03 -35.08	191.25 7.93 -95.46	235.82 9.55 -112.65	353.76 9.98 -223.59
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	128.68 6.23 -7.37	104.09 4.31 -8.94	110.03 4.47 -4.55	112.36 4.44 -2.35	103.53 4.13 -0.72	113.58 4.71 0.00	148.01 6.70 0.00	206.34 10.27 0.00	144.86 7.76 0.00	78.29 4.29 0.00	70.63 3.84 0.00	63.34 3.42 0.00	63.09 3.36 0.00	62.48 3.32 0.00	65.80 3.40 0.00	87.83 4.68 0.00	121.78 6.91 0.00	180.38 10.52 0.00	157.66 9.22 0.00	99.58 6.23 0.00	122.03 7.47 0.00	93.32 5.45 0.00	120.20 6.58 0.00	126.62 6.42 0.00
FORT ORANGE___ 23900	154.37 4.74 -34.55	136.23 3.52 -41.87	126.27 3.94 -21.31	120.59 4.03 -10.99	105.67 3.63 -3.36	112.22 3.34 0.00	146.07 4.76 0.00	202.78 6.71 0.00	141.40 4.30 0.00	75.74 1.73 0.00	68.17 1.38 0.00	61.12 1.20 0.00	60.89 1.16 0.00	60.31 1.15 0.00	63.46 1.06 0.00	84.17 1.02 0.00	116.53 1.66 0.00	172.36 2.49 0.00	150.57 2.12 0.00	95.02 1.67 0.00	116.96 2.40 0.00	89.99 2.13 0.00	117.20 3.58 0.00	125.36 5.16 0.00
FORT_DRUM_COGEN 23780	119.77 4.69 0.00	94.82 3.98 0.00	105.53 4.52 0.00	109.99 4.42 0.00	103.32 4.63 0.00	115.05 6.18 0.00	150.18 8.87 0.00	209.27 13.20 0.00	145.95 8.85 0.00	78.39 4.38 0.00	70.45 3.66 0.00	63.24 3.32 0.00	62.66 2.93 0.00	61.73 2.57 0.00	64.72 2.32 0.00	86.49 3.33 0.00	120.42 5.54 0.00	179.49 9.62 0.00	157.12 8.68 0.00	98.15 4.79 0.00	120.30 5.74 0.00	92.26 4.40 0.00	118.86 5.24 0.00	125.67 5.47 0.00
FOX_HILLS___ESR 323835	127.23 5.01 -7.14	102.75 3.26 -8.65	108.62 3.21 -4.40	110.90 3.05 -2.27	102.06 2.69 -0.69	112.04 3.17 0.00	146.09 4.78 0.00	202.75 7.24 0.56	143.84 6.74 0.00	76.57 4.03 1.46	57.64 3.64 12.79	61.68 3.35 1.59	57.36 3.40 5.76	59.01 3.34 3.48	-77.47 3.14 143.01	-32.53 4.28 119.96	98.50 6.18 22.55	182.36 9.69 -2.80	254.01 8.50 -97.07	131.76 5.72 -32.69	124.33 6.84 -2.93	92.83 4.97 0.00	119.27 5.65 0.00	125.57 5.37 0.00
FPL FAR_ROCK_GT1 24212	192.64 7.61 -69.95	195.81 5.38 -99.59	190.93 5.29 -84.64	125.84 5.07 -15.20	110.85 4.88 -7.28	141.48 5.36 -27.24	148.33 7.02 0.00	206.39 10.32 0.00	145.57 8.46 0.00	92.47 5.53 -12.93	71.67 4.88 0.00	64.21 4.28 0.00	63.87 4.14 0.00	63.09 3.93 0.00	66.32 3.92 0.00	87.85 4.69 0.00	122.35 7.48 0.00	201.62 12.01 -19.74	158.73 10.28 0.00	146.48 7.45 -45.68	142.27 8.95 -18.76	152.07 6.89 -57.31	152.68 8.17 -30.88	152.12 7.67 -24.26



FPL FAR_ROCK_GT2 23815	192.64 7.61 -69.95	195.81 5.38 -99.59	190.93 5.29 -84.64	125.84 5.07 -15.20	110.85 4.88 -7.28	141.48 5.36 -27.24	148.33 7.02 0.00	206.39 10.32 0.00	145.57 8.46 0.00	92.47 5.53 -12.93	71.67 4.88 0.00	64.21 4.28 0.00	63.87 4.14 0.00	63.09 3.93 0.00	66.32 3.92 0.00	87.85 4.69 0.00	122.35 7.48 0.00	201.62 12.01 -19.74	158.73 10.28 0.00	146.48 7.45 -45.68	142.27 8.95 -18.76	152.07 6.89 -57.31	152.68 8.17 -30.88	152.12 7.67 -24.26
FRANKLIN_FALL_HYD 24054	117.92 2.84 0.00	93.91 3.06 0.00	104.77 3.76 0.00	109.97 4.40 0.00	102.86 4.18 0.00	113.69 4.81 0.00	146.94 5.63 0.00	202.77 6.70 0.00	141.82 4.72 0.00	76.55 2.54 0.00	69.51 2.72 0.00	62.22 2.29 0.00	62.03 2.31 0.00	61.46 2.31 0.00	64.96 2.56 0.00	86.36 3.21 0.00	118.24 3.37 0.00	174.41 4.55 0.00	152.65 4.20 0.00	95.37 2.02 0.00	117.35 2.79 0.00	90.33 2.46 0.00	117.36 3.74 0.00	124.61 4.41 0.00
FREEPORT_EQUS_GT1 23764	152.49 6.76 -30.64	138.21 4.69 -42.68	139.90 4.46 -34.43	116.81 4.13 -7.11	105.92 3.69 -3.55	125.17 4.50 -11.79	147.38 6.07 0.00	205.23 9.15 0.00	144.91 7.81 0.00	92.02 5.09 -12.93	71.12 4.33 0.00	63.66 3.73 0.00	63.33 3.60 0.00	62.52 3.36 0.00	65.88 3.48 0.00	87.91 4.76 0.00	121.65 6.78 0.00	200.22 10.60 -19.74	157.49 9.05 0.00	145.87 6.84 -45.68	141.49 8.18 -18.76	151.31 6.13 -57.31	151.76 7.25 -30.88	151.61 7.15 -24.26
FREEPORT___CT2 23818	152.49 6.76 -30.64	138.21 4.69 -42.68	139.90 4.46 -34.43	116.81 4.13 -7.11	105.92 3.69 -3.55	125.17 4.50 -11.79	147.38 6.07 0.00	205.23 9.15 0.00	144.91 7.81 0.00	92.02 5.09 -12.93	71.12 4.33 0.00	63.66 3.73 0.00	63.33 3.60 0.00	62.52 3.36 0.00	65.88 3.48 0.00	87.91 4.76 0.00	121.65 6.78 0.00	200.22 10.60 -19.74	157.49 9.05 0.00	145.87 6.84 -45.68	141.49 8.18 -18.76	151.31 6.13 -57.31	151.76 7.25 -30.88	151.61 7.15 -24.26
FRESHKLS_33_KV_LOAD 356253	127.06 4.85 -7.14	102.59 3.10 -8.65	108.49 3.08 -4.40	110.79 2.95 -2.27	101.95 2.57 -0.69	111.94 3.07 0.00	145.88 4.57 0.00	202.19 6.68 0.56	143.59 6.48 0.00	76.41 3.87 1.46	57.78 3.42 12.43	61.48 3.14 1.59	57.15 3.19 5.76	58.79 3.11 3.48	-77.70 2.91 143.01	-32.82 3.98 119.96	98.70 5.83 22.00	181.85 9.17 -2.81	253.63 8.11 -97.07	131.48 5.44 -32.70	124.07 6.52 -2.99	92.67 4.80 0.00	119.04 5.42 0.00	125.34 5.14 0.00
FULTON COGEN____ 23766	110.56 -4.52 0.00	87.18 -3.66 0.00	96.98 -4.03 0.00	101.21 -4.36 0.00	94.65 -4.03 0.00	104.52 -4.36 0.00	135.99 -5.32 0.00	188.97 -7.10 0.00	132.34 -4.77 0.00	71.58 -2.43 0.00	64.47 -2.32 0.00	57.72 -2.20 0.00	57.33 -2.40 0.00	56.75 -2.41 0.00	59.80 -2.60 0.00	79.80 -3.35 0.00	110.60 -4.27 0.00	164.13 -5.73 0.00	143.62 -4.82 0.00	90.22 -3.13 0.00	110.50 -4.06 0.00	84.65 -3.36 -0.14	109.10 -4.52 0.00	115.44 -4.76 0.00
FULTON___LFGE 323630	197.50 7.33 -75.09	187.46 5.62 -91.00	153.70 6.37 -46.32	136.09 6.63 -23.89	112.35 6.37 -7.30	116.36 7.48 0.00	151.84 10.53 0.00	210.96 14.89 0.00	145.35 8.24 0.00	76.61 2.60 0.00	68.48 1.69 0.00	61.13 1.21 0.00	60.86 1.13 0.00	60.39 1.23 0.00	63.80 1.40 0.00	86.05 2.90 0.00	121.98 7.11 0.00	183.11 13.25 0.00	160.33 11.89 0.00	100.84 7.49 0.00	123.51 8.94 0.00	94.54 6.68 0.00	121.95 8.33 0.00	128.62 8.42 0.00
G.F.CEMENT___DRP 24184	201.33 10.27 -75.98	190.59 7.67 -92.08	156.31 8.44 -46.87	138.29 8.54 -24.17	113.95 7.88 -7.39	117.07 8.20 0.00	152.28 10.97 0.00	211.49 15.42 0.00	146.87 9.77 0.00	78.66 4.66 0.00	70.78 4.00 0.00	63.29 3.37 0.00	63.04 3.31 0.00	62.31 3.16 0.00	65.82 3.41 0.00	88.31 5.16 0.00	123.08 8.21 0.00	182.03 12.16 0.00	158.96 10.51 0.00	100.35 7.00 0.00	123.31 8.75 0.00	94.62 6.75 0.00	122.42 8.80 0.00	129.15 8.96 0.00
GARDENVILLE___LBMP 24039	107.32 -7.76 0.00	85.02 -5.82 0.00	94.95 -6.06 0.00	98.70 -6.87 0.00	92.50 -6.18 0.00	101.67 -7.21 0.00	131.17 -10.14 0.00	180.71 -15.36 0.00	127.35 -9.76 0.00	69.66 -4.34 0.00	62.76 -4.04 0.00	56.04 -3.89 0.00	55.47 -4.25 0.00	55.38 -3.77 0.00	58.48 -3.93 0.00	77.41 -5.74 0.00	105.95 -8.92 0.00	157.40 -12.46 0.00	138.19 -10.26 0.00	86.43 -6.92 0.00	104.62 -9.94 0.00	77.55 -8.44 1.88	103.53 -10.09 0.00	111.10 -9.10 0.00
GARDNVLA_35_KV_LD 355827	107.69 -7.39 0.00	85.33 -5.52 0.00	95.31 -5.70 0.00	99.07 -6.51 0.00	92.84 -5.84 0.00	102.08 -6.79 0.00	131.76 -9.56 0.00	181.59 -14.48 0.00	128.00 -9.11 0.00	70.02 -3.99 0.00	63.06 -3.73 0.00	56.31 -3.61 0.00	55.72 -4.01 0.00	55.62 -3.53 0.00	58.73 -3.67 0.00	77.79 -5.37 0.00	106.50 -8.37 0.00	158.21 -11.66 0.00	138.96 -9.49 0.00	86.87 -6.47 0.00	105.20 -9.35 0.00	78.01 -7.99 1.87	104.05 -9.57 0.00	111.67 -8.53 0.00
GELCKHM___115KV_LOAD 80723	111.20 -3.88 0.00	87.67 -3.17 0.00	97.51 -3.50 0.00	101.76 -3.81 0.00	95.15 -3.54 0.00	105.09 -3.78 0.00	136.62 -4.69 0.00	189.77 -6.30 0.00	132.90 -4.20 0.00	71.86 -2.14 0.00	64.69 -2.10 0.00	57.93 -2.00 0.00	57.60 -2.13 0.00	56.98 -2.17 0.00	60.10 -2.31 0.00	80.20 -2.96 0.00	111.41 -3.46 0.00	165.43 -4.44 0.00	144.75 -3.70 0.00	90.85 -2.50 0.00	111.17 -3.39 0.00	84.28 -2.98 0.61	109.63 -3.99 0.00	115.96 -4.24 0.00
GENERAL___MILLS 23808	107.60 -7.48 0.00	85.25 -5.59 0.00	95.21 -5.80 0.00	98.99 -6.59 0.00	92.76 -5.92 0.00	101.97 -6.90 0.00	131.58 -9.73 0.00	181.31 -14.76 0.00	127.77 -9.34 0.00	69.89 -4.12 0.00	62.96 -3.84 0.00	56.22 -3.71 0.00	55.63 -4.09 0.00	55.54 -3.61 0.00	58.65 -3.75 0.00	77.66 -5.49 0.00	106.29 -8.58 0.00	157.91 -11.96 0.00	138.68 -9.77 0.00	86.72 -6.63 0.00	104.98 -9.58 0.00	77.86 -8.13 1.88	103.89 -9.73 0.00	111.50 -8.70 0.00
GE_PLASTICS___DRP 24183	146.63 3.80 -27.76	127.22 2.73 -33.64	121.16 3.03 -17.12	117.47 3.06 -8.83	104.15 2.77 -2.70	111.49 2.61 0.00	144.87 3.55 0.00	201.07 5.00 0.00	140.51 3.40 0.00	75.82 1.82 0.00	68.46 1.67 0.00	61.41 1.49 0.00	61.19 1.46 0.00	60.61 1.45 0.00	63.79 1.39 0.00	84.71 1.56 0.00	117.15 2.28 0.00	172.98 3.12 0.00	151.07 2.63 0.00	95.34 1.99 0.00	117.27 2.71 0.00	90.15 2.29 0.00	117.03 3.40 0.00	124.21 4.01 0.00
GILBOA___1 23756	122.55 3.05 -4.42	98.23 2.03 -5.36	106.16 2.42 -2.73	109.39 2.41 -1.41	101.09 1.98 -0.43	110.84 1.97 0.00	143.76 2.45 0.00	199.41 3.35 0.00	139.91 2.81 0.00	75.84 1.84 0.00	68.46 1.67 0.00	61.40 1.48 0.00	61.16 1.43 0.00	60.57 1.41 0.00	63.78 1.38 0.00	84.96 1.81 0.00	117.16 2.29 0.00	173.07 3.20 0.00	151.11 2.67 0.00	95.34 2.00 0.00	117.01 2.45 0.00	89.89 2.13 0.10	116.49 2.87 0.00	123.11 2.91 0.00
GILBOA___2 23757	122.55 3.05 -4.42	98.23 2.03 -5.36	106.16 2.42 -2.73	109.39 2.41 -1.41	101.09 1.98 -0.43	110.84 1.97 0.00	143.76 2.45 0.00	199.41 3.35 0.00	139.91 2.81 0.00	75.84 1.84 0.00	68.46 1.67 0.00	61.40 1.48 0.00	61.16 1.43 0.00	60.57 1.41 0.00	63.78 1.38 0.00	84.96 1.81 0.00	117.16 2.29 0.00	173.07 3.20 0.00	151.11 2.67 0.00	95.34 2.00 0.00	117.01 2.45 0.00	89.89 2.13 0.10	116.49 2.87 0.00	123.11 2.91 0.00

GILBOA___3 23758	122.55 3.05 -4.42	98.23 2.03 -5.36	106.16 2.42 -2.73	109.39 2.41 -1.41	101.09 1.98 -0.43	110.84 1.97 0.00	143.76 2.45 0.00	199.41 3.35 0.00	139.91 2.81 0.00	75.84 1.84 0.00	68.46 1.67 0.00	61.40 1.48 0.00	61.16 1.43 0.00	60.57 1.41 0.00	63.78 1.38 0.00	84.96 1.81 0.00	117.16 2.29 0.00	173.07 3.20 0.00	151.11 2.67 0.00	95.34 2.00 0.00	117.01 2.45 0.00	89.89 2.13 0.10	116.49 2.87 0.00	123.11 2.91 0.00
GILBOA___4 23759	122.55 3.05 -4.42	98.23 2.03 -5.36	106.16 2.42 -2.73	109.39 2.41 -1.41	101.09 1.98 -0.43	110.84 1.97 0.00	143.76 2.45 0.00	199.41 3.35 0.00	139.91 2.81 0.00	75.84 1.84 0.00	68.46 1.67 0.00	61.40 1.48 0.00	61.16 1.43 0.00	60.57 1.41 0.00	63.78 1.38 0.00	84.96 1.81 0.00	117.16 2.29 0.00	173.07 3.20 0.00	151.11 2.67 0.00	95.34 2.00 0.00	117.01 2.45 0.00	89.89 2.13 0.10	116.49 2.87 0.00	123.11 2.91 0.00
GILBOA___ 23599	122.57 3.07 -4.42	98.23 2.03 -5.36	106.16 2.42 -2.73	109.39 2.41 -1.41	101.09 1.98 -0.43	110.84 1.97 0.00	143.77 2.46 0.00	199.42 3.35 0.00	139.91 2.81 0.00	75.84 1.84 0.00	68.45 1.67 0.00	61.40 1.47 0.00	61.16 1.43 0.00	60.57 1.41 0.00	63.78 1.38 0.00	84.96 1.80 0.00	117.16 2.29 0.00	173.07 3.21 0.00	151.12 2.68 0.00	95.34 2.00 0.00	117.01 2.45 0.00	89.89 2.13 0.10	116.49 2.87 0.00	123.13 2.93 0.00
GINNA___ 23603	105.39 -9.69 0.00	83.26 -7.59 0.00	92.77 -8.24 0.00	96.67 -8.90 0.00	90.48 -8.20 0.00	99.91 -8.96 0.00	129.73 -11.58 0.00	179.62 -16.45 0.00	126.11 -11.00 0.00	68.53 -5.48 0.00	61.70 -5.09 0.00	55.16 -4.76 0.00	54.74 -4.99 0.00	54.21 -4.95 0.00	57.23 -5.17 0.00	76.12 -7.03 0.00	104.96 -9.92 0.00	155.72 -14.14 0.00	136.60 -11.84 0.00	85.61 -7.74 0.00	104.68 -9.88 0.00	78.25 -8.13 1.49	103.32 -10.30 0.00	109.91 -10.29 0.00
GLEN PARK___ 23778	120.30 5.22 0.00	95.23 4.39 0.00	105.96 4.96 0.00	110.47 4.89 0.00	103.79 5.11 0.00	115.61 6.73 0.00	151.05 9.74 0.00	210.60 14.53 0.00	146.79 9.69 0.00	78.81 4.80 0.00	70.77 3.98 0.00	63.53 3.61 0.00	62.92 3.19 0.00	61.99 2.83 0.00	64.97 2.57 0.00	86.83 3.68 0.00	121.04 6.16 0.00	180.66 10.79 0.00	158.20 9.75 0.00	98.82 5.47 0.00	121.08 6.52 0.00	92.79 4.92 0.00	119.47 5.85 0.00	126.30 6.10 0.00
GLENDALE_27_KV_LOAD 356172	127.79 5.58 -7.14	103.22 3.73 -8.65	109.10 3.69 -4.40	111.36 3.52 -2.27	102.53 3.16 -0.69	112.50 3.63 0.00	146.79 5.48 0.00	204.95 8.88 0.00	144.60 7.50 0.00	78.45 4.44 0.00	71.71 4.18 -0.73	63.77 3.84 0.00	63.61 3.88 0.00	62.97 3.82 0.00	66.08 3.68 0.00	88.13 4.98 0.00	123.17 7.16 -1.14	180.96 11.07 -0.02	157.92 9.47 0.00	99.76 6.39 -0.02	122.15 7.48 -0.11	93.16 5.30 0.00	119.80 6.18 0.00	126.07 5.87 0.00
GLENWOOD_IC_1_G5 23712	146.74 6.83 -24.83	129.80 4.69 -34.26	132.51 4.50 -27.01	115.72 4.23 -5.91	106.29 3.85 -3.76	126.11 4.57 -12.67	147.63 6.31 0.00	205.65 9.58 0.00	145.25 8.15 0.00	92.09 5.15 -12.93	71.08 4.29 0.00	63.89 3.97 0.00	63.48 3.75 0.00	62.59 3.43 0.00	65.93 3.53 0.00	87.98 4.83 0.00	122.40 7.52 0.00	200.74 11.13 -19.74	158.09 9.65 0.00	146.29 7.27 -45.68	141.97 8.65 -18.76	151.46 6.28 -57.31	151.91 7.41 -30.88	151.71 7.25 -24.26
GLENWOOD_IC_2_G1 23688	141.33 6.98 -19.27	121.88 4.81 -26.22	125.58 4.67 -19.90	114.74 4.40 -4.77	107.12 3.99 -4.45	129.14 4.75 -15.52	147.80 6.49 0.00	205.86 9.79 0.00	145.38 8.27 0.00	92.15 5.21 -12.93	71.16 4.37 0.00	63.83 3.91 0.00	63.50 3.77 0.00	62.67 3.51 0.00	66.01 3.61 0.00	88.06 4.90 0.00	122.49 7.62 0.00	201.07 11.45 -19.74	158.35 9.90 0.00	146.34 7.32 -45.68	142.03 8.72 -18.76	151.54 6.36 -57.31	152.03 7.53 -30.88	151.83 7.38 -24.26
GLENWOOD_IC_3_G1 23689	141.33 6.98 -19.27	121.88 4.81 -26.22	125.58 4.67 -19.90	114.74 4.40 -4.77	107.12 3.99 -4.45	129.14 4.75 -15.52	147.80 6.49 0.00	205.86 9.79 0.00	145.38 8.27 0.00	92.15 5.21 -12.93	71.16 4.37 0.00	63.83 3.91 0.00	63.50 3.77 0.00	62.67 3.51 0.00	66.01 3.61 0.00	88.06 4.90 0.00	122.49 7.62 0.00	201.07 11.45 -19.74	158.35 9.90 0.00	146.34 7.32 -45.68	142.03 8.72 -18.76	151.54 6.36 -57.31	152.03 7.53 -30.88	151.83 7.38 -24.26
GLENWOOD___4 23550	146.87 6.96 -24.83	129.91 4.80 -34.26	132.64 4.62 -27.01	115.84 4.36 -5.91	106.40 3.96 -3.76	126.27 4.73 -12.67	147.80 6.49 0.00	205.92 9.84 0.00	145.43 8.32 0.00	92.18 5.24 -12.93	71.17 4.38 0.00	63.90 3.98 0.00	63.53 3.80 0.00	62.66 3.50 0.00	66.01 3.61 0.00	88.08 4.93 0.00	122.54 7.67 0.00	201.08 11.47 -19.74	158.35 9.91 0.00	146.39 7.37 -45.68	142.10 8.79 -18.76	151.58 6.40 -57.31	152.05 7.54 -30.88	151.85 7.39 -24.26
GLENWOOD___5 23614	146.87 6.96 -24.83	129.91 4.80 -34.26	132.64 4.62 -27.01	115.84 4.36 -5.91	106.40 3.96 -3.76	126.27 4.73 -12.67	147.80 6.49 0.00	205.92 9.84 0.00	145.43 8.32 0.00	92.18 5.24 -12.93	71.17 4.38 0.00	63.90 3.98 0.00	63.53 3.80 0.00	62.66 3.50 0.00	66.01 3.61 0.00	88.08 4.93 0.00	122.54 7.67 0.00	201.08 11.47 -19.74	158.35 9.91 0.00	146.39 7.37 -45.68	142.10 8.79 -18.76	151.58 6.40 -57.31	152.05 7.54 -30.88	151.85 7.39 -24.26
GLOBAL GREEN_PORT_GT1 23814	135.32 9.49 -10.75	112.29 7.57 -13.88	116.94 6.91 -9.02	114.45 5.86 -3.02	105.44 5.54 -1.21	117.59 6.57 -2.15	150.05 8.73 0.00	204.74 8.67 0.00	145.49 8.38 0.00	93.78 6.84 -12.93	71.65 4.87 0.00	64.66 4.73 0.00	64.84 5.11 0.00	64.14 4.98 0.00	67.90 5.49 0.00	91.59 8.44 0.00	128.90 14.03 0.00	226.79 16.04 -40.89	181.32 13.86 -19.02	180.15 12.94 -73.86	160.93 15.75 -30.62	184.23 11.33 -85.03	217.60 13.68 -90.30	301.71 12.42 -169.09
GLOBE___DSASP 323697	102.98 -12.10 0.00	81.63 -9.21 0.00	91.26 -9.75 0.00	94.83 -10.75 0.00	88.84 -9.84 0.00	97.59 -11.28 0.00	125.54 -15.77 0.00	172.40 -23.67 0.00	121.67 -15.43 0.00	66.69 -7.32 0.00	60.08 -6.71 0.00	53.63 -6.30 0.00	52.93 -6.80 0.00	52.56 -6.59 0.00	55.54 -6.87 0.00	73.41 -9.74 0.00	100.10 -14.77 0.00	148.50 -21.37 0.00	130.62 -17.83 0.00	81.79 -11.56 0.00	99.92 -14.64 0.00	74.20 -11.87 1.79	99.38 -14.24 0.00	107.10 -13.10 0.00
GOETHSLN___LBMP 323567	126.48 4.26 -7.14	102.16 2.67 -8.65	107.92 2.51 -4.40	110.19 2.35 -2.27	101.45 2.08 -0.69	111.22 2.34 0.00	145.03 3.72 0.00	199.90 6.36 2.54	142.80 5.69 0.00	72.57 3.40 4.83	53.21 3.17 16.75	61.06 2.93 1.80	44.89 2.96 17.80	52.33 2.88 9.70	64.57 2.73 0.56	82.25 3.72 4.62	108.02 5.45 12.29	155.56 8.49 22.80	154.87 7.21 0.78	98.34 4.99 0.00	120.42 5.86 0.00	92.00 4.14 0.00	118.34 4.72 0.00	124.62 4.42 0.00
GOLAH___69_KV_TB 1_2 80279	109.99 -5.09 0.00	86.88 -3.96 0.00	96.87 -4.14 0.00	100.85 -4.72 0.00	94.43 -4.25 0.00	104.12 -4.76 0.00	134.98 -6.34 0.00	186.83 -9.25 0.00	131.33 -5.77 0.00	71.48 -2.53 0.00	64.34 -2.45 0.00	57.40 -2.53 0.00	56.83 -2.90 0.00	56.39 -2.76 0.00	59.52 -2.89 0.00	79.08 -4.08 0.00	108.69 -6.18 0.00	161.79 -8.08 0.00	142.10 -6.35 -0.01	89.05 -4.30 0.00	108.80 -5.76 0.00	81.22 -5.08 1.56	107.57 -6.05 0.00	114.68 -5.52 0.00

GOODYEAR_LAKE_HYD 323669	142.05 3.82 -23.15	121.69 2.79 -28.06	118.51 3.22 -14.28	116.21 3.27 -7.37	104.07 3.13 -2.25	112.68 3.81 0.00	146.78 5.47 0.00	204.13 8.06 0.00	142.98 5.88 0.00	77.17 3.17 0.00	69.44 2.65 0.00	62.12 2.19 0.00	61.75 2.03 0.00	61.14 1.99 0.00	64.40 2.00 0.00	86.16 3.00 0.00	119.64 4.77 0.00	177.72 7.85 0.00	155.49 7.05 0.00	97.82 4.47 0.00	119.76 5.20 0.00	91.47 3.80 0.19	118.17 4.55 0.00	124.50 4.30 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	117.28 -1.07 -3.28	93.84 -0.98 -3.97	101.89 -1.15 -2.02	105.25 -1.37 -1.04	97.76 -1.24 -0.32	107.47 -1.41 0.00	139.53 -1.78 0.00	194.03 -2.04 0.00	135.95 -1.16 0.00	73.60 -0.41 0.00	66.22 -0.57 0.00	59.36 -0.56 0.00	59.06 -0.67 0.00	58.45 -0.70 0.00	61.55 -0.85 0.00	82.20 -0.95 0.00	113.79 -1.08 0.00	168.82 -1.05 0.00	147.76 -0.68 0.00	92.75 -0.60 0.00	113.52 -1.04 0.00	86.04 -0.90 0.92	112.24 -1.38 0.00	118.61 -1.59 0.00
GOUDEY___7 23579	117.28 -1.07 -3.28	93.84 -0.98 -3.97	101.89 -1.15 -2.02	105.25 -1.37 -1.04	97.76 -1.24 -0.32	107.47 -1.41 0.00	139.53 -1.78 0.00	194.03 -2.04 0.00	135.95 -1.16 0.00	73.60 -0.41 0.00	66.22 -0.57 0.00	59.36 -0.56 0.00	59.06 -0.67 0.00	58.45 -0.70 0.00	61.55 -0.85 0.00	82.20 -0.95 0.00	113.79 -1.08 0.00	168.82 -1.05 0.00	147.76 -0.68 0.00	92.75 -0.60 0.00	113.52 -1.04 0.00	86.04 -0.90 0.92	112.24 -1.38 0.00	118.61 -1.59 0.00
GOUDEY___8 23580	117.28 -1.07 -3.28	93.84 -0.98 -3.97	101.89 -1.15 -2.02	105.25 -1.37 -1.04	97.76 -1.24 -0.32	107.47 -1.41 0.00	139.53 -1.78 0.00	194.03 -2.04 0.00	135.95 -1.16 0.00	73.60 -0.41 0.00	66.22 -0.57 0.00	59.36 -0.56 0.00	59.06 -0.67 0.00	58.45 -0.70 0.00	61.55 -0.85 0.00	82.20 -0.95 0.00	113.79 -1.08 0.00	168.82 -1.05 0.00	147.76 -0.68 0.00	92.75 -0.60 0.00	113.52 -1.04 0.00	86.04 -0.90 0.92	112.24 -1.38 0.00	118.61 -1.59 0.00
GOWANUS_GT1_1 24077	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	74.90 3.99 -4.12	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.48 6.80 -4.81	188.88 10.59 -8.42	254.69 9.18 -97.07	132.36 6.18 -32.83	125.79 7.32 -3.91	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT1_2 24078	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	74.90 3.99 -4.12	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.48 6.80 -4.81	188.88 10.59 -8.42	254.69 9.18 -97.07	132.36 6.18 -32.83	125.79 7.32 -3.91	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT1_3 24079	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	74.90 3.99 -4.12	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.48 6.80 -4.81	188.88 10.59 -8.42	254.69 9.18 -97.07	132.36 6.18 -32.83	125.79 7.32 -3.91	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT1_4 24080	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	74.90 3.99 -4.12	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.48 6.80 -4.81	188.88 10.59 -8.42	254.69 9.18 -97.07	132.36 6.18 -32.83	125.79 7.32 -3.91	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT1_5 24084	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	74.90 3.99 -4.12	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.48 6.80 -4.81	188.88 10.59 -8.42	254.69 9.18 -97.07	132.36 6.18 -32.83	125.79 7.32 -3.91	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT1_6 24111	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	74.90 3.99 -4.12	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.48 6.80 -4.81	188.88 10.59 -8.42	254.69 9.18 -97.07	132.36 6.18 -32.83	125.79 7.32 -3.91	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT1_7 24112	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	74.90 3.99 -4.12	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.48 6.80 -4.81	188.88 10.59 -8.42	254.69 9.18 -97.07	132.36 6.18 -32.83	125.79 7.32 -3.91	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT1_8 24113	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	74.90 3.99 -4.12	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.48 6.80 -4.81	188.88 10.59 -8.42	254.69 9.18 -97.07	132.36 6.18 -32.83	125.79 7.32 -3.91	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT2_1 24114	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
GOWANUS_GT2_2 24115	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
GOWANUS_GT2_3 24116	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00

GOWANUS_GT2_4 24117	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
GOWANUS_GT2_5 24118	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
GOWANUS_GT2_6 24119	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
GOWANUS_GT2_7 24120	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
GOWANUS_GT2_8 24121	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
GOWANUS_GT3_1 24122	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	74.92 4.01 -4.12	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.50 6.82 -4.81	188.89 10.60 -8.42	254.69 9.18 -97.07	132.35 6.18 -32.83	125.78 7.30 -3.91	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
GOWANUS_GT3_2 24123	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	74.92 4.01 -4.12	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.50 6.82 -4.81	188.89 10.60 -8.42	254.69 9.18 -97.07	132.35 6.18 -32.83	125.78 7.30 -3.91	93.13 5.26 0.00	119.68 6.06 0.00	12

GOWANUS_GT4_3 24132	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	128.26 3.99 -57.48	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.15 6.80 -87.48	190.18 10.59 -9.72	254.69 9.18 -97.07	133.53 6.18 -34.00	134.04 7.32 -12.16	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT4_4 24133	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	128.26 3.99 -57.48	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.15 6.80 -87.48	190.18 10.59 -9.72	254.69 9.18 -97.07	133.53 6.18 -34.00	134.04 7.32 -12.16	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT4_5 24134	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	128.26 3.99 -57.48	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.15 6.80 -87.48	190.18 10.59 -9.72	254.69 9.18 -97.07	133.53 6.18 -34.00	134.04 7.32 -12.16	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT4_6 24135	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	128.26 3.99 -57.48	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.15 6.80 -87.48	190.18 10.59 -9.72	254.69 9.18 -97.07	133.53 6.18 -34.00	134.04 7.32 -12.16	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT4_7 24136	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	128.26 3.99 -57.48	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.15 6.80 -87.48	190.18 10.59 -9.72	254.69 9.18 -97.07	133.53 6.18 -34.00	134.04 7.32 -12.16	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GOWANUS_GT4_8 24137	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	128.26 3.99 -57.48	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.15 6.80 -87.48	190.18 10.59 -9.72	254.69 9.18 -97.07	133.53 6.18 -34.00	134.04 7.32 -12.16	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GREENBSH_115KV_TB3 55895	154.55 3.76 -35.72	136.87 2.74 -43.28	126.11 3.07 -22.03	120.03 3.09 -11.36	104.93 2.77 -3.47	111.29 2.42 0.00	144.62 3.31 0.00	200.70 4.63 0.00	140.19 3.08 0.00	75.69 1.68 0.00	68.37 1.58 0.00	61.34 1.41 0.00	61.10 1.37 0.00	60.53 1.37 0.00	63.67 1.27 0.00	84.32 1.16 0.00	116.49 1.62 0.00	171.81 1.95 0.00	150.02 1.58 0.00	94.69 1.35 0.00	116.62 2.05 0.00	89.77 1.90 0.00	116.79 3.17 0.00	124.33 4.13 0.00
GREENIDGE_115KV_TB5 80291	114.29 -2.86 -2.08	91.26 -2.10 -2.51	99.75 -2.54 -1.28	103.41 -2.83 -0.66	97.34 -1.55 -0.20	107.18 -1.70 0.00	138.24 -3.07 0.00	192.28 -3.79 0.00	135.22 -1.89 0.00	74.11 0.11 0.00	66.61 -0.18 0.00	59.42 -0.50 0.00	58.97 -0.76 0.00	58.31 -0.84 0.00	61.33 -1.08 0.00	81.91 -1.25 0.00	113.09 -1.78 0.00	167.00 -2.87 0.00	146.82 -1.62 0.00	92.46 -0.88 0.00	112.02 -2.54 0.00	83.03 -1.33 3.50	110.76 -2.86 0.00	117.00 -3.20 0.00
GREENIDGE___3 23582	114.29 -2.86 -2.08	91.26 -2.10 -2.51	99.75 -2.54 -1.28	103.41 -2.83 -0.66	97.34 -1.55 -0.20	107.18 -1.70 0.00	138.24 -3.07 0.00	192.28 -3.79 0.00	135.22 -1.89 0.00	74.11 0.11 0.00	66.61 -0.18 0.00	59.42 -0.50 0.00	58.97 -0.76 0.00	58.31 -0.84 0.00	61.33 -1.08 0.00	81.91 -1.25 0.00	113.09 -1.78 0.00	167.00 -2.87 0.00	146.82 -1.62 0.00	92.46 -0.88 0.00	112.02 -2.54 0.00	83.03 -1.33 3.50	110.76 -2.86 0.00	117.00 -3.20 0.00
GREENIDGE___4 23583	114.29 -2.86 -2.08	91.26 -2.10 -2.51	99.75 -2.54 -1.28	103.42 -2.81 -0.66	97.33 -1.56 -0.20	107.17 -1.70 0.00	138.26 -3.05 0.00	192.28 -3.79 0.00	135.21 -1.90 0.00	74.13 0.12 0.00	66.62 -0.17 0.00	59.41 -0.52 0.00	58.97 -0.75 0.00	58.31 -0.85 0.00	61.33 -1.08 0.00	81.91 -1.25 0.00	113.09 -1.78 0.00	167.00 -2.87 0.00	146.83 -1.61 0.00	92.46 -0.88 0.00	111.98 -2.58 0.00	83.02 -1.34 3.50	110.74 -2.88 0.00	117.02 -3.18 0.00
GREENLWN_69_KV_BK 3 55738	133.15 6.66 -11.42	110.28 4.59 -14.85	115.06 4.18 -9.87	112.48 3.76 -3.15	103.24 3.24 -1.31	115.39 3.96 -2.55	146.79 5.48 0.00	204.45 8.38 0.00	144.81 7.70 0.00	92.02 5.09 -12.93	70.66 3.87 0.00	63.23 3.31 0.00	63.01 3.28 0.00	62.13 2.97 0.00	65.49 3.09 0.00	87.60 4.45 0.00	122.20 7.33 0.00	195.95 10.96 -15.13	153.58 9.28 4.15	140.18 7.30 -39.53	139.41 8.68 -16.17	145.40 6.26 -51.27	138.88 7.33 -17.92	120.41 7.54 7.33
GREENWD_138_KV_38B11_REV_LBMP_J 345004	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	74.90 3.99 -4.12	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.48 6.80 -4.81	188.88 10.59 -8.42	254.69 9.18 -97.07	132.36 6.18 -32.83	125.79 7.32 -3.91	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00
GRISSOM___SOLAR 323813	198.65 7.29 -76.28	188.85 5.56 -92.45	154.30 6.24 -47.06	136.30 6.46 -24.27	112.27 6.17 -7.41	116.07 7.19 0.00	151.40 10.09 0.00	210.24 14.17 0.00	144.54 7.43 0.00	76.01 2.01 0.00	67.98 1.19 0.00	60.71 0.79 0.00	60.47 0.74 0.00	59.94 0.79 0.00	63.30 0.89 0.00	85.49 2.34 0.00	121.50 6.63 0.00	182.52 12.65 0.00	159.77 11.32 0.00	100.54 7.19 0.00	123.15 8.59 0.00	94.29 6.43 0.00	121.66 8.04 0.00	128.37 8.17 0.00
GROVEVILLE___HYD 323602	128.68 6.23 -7.37	104.09 4.31 -8.94	110.03 4.47 -4.55	112.36 4.44 -2.35	103.53 4.13 -0.72	113.58 4.71 0.00	148.01 6.70 0.00	206.34 10.27 0.00	144.86 7.76 0.00	78.29 4.29 0.00	70.63 3.84 0.00	63.34 3.42 0.00	63.09 3.36 0.00	62.48 3.32 0.00	65.80 3.40 0.00	87.83 4.68 0.00	121.78 6.91 0.00	180.38 10.52 0.00	157.66 9.22 0.00	99.58 6.23 0.00	122.03 7.47 0.00	93.32 5.45 0.00	120.20 6.58 0.00	126.62 6.42 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	111.66 -3.42 0.00	88.04 -2.80 0.00	97.87 -3.14 0.00	102.13 -3.44 0.00	95.52 -3.17 0.00	105.51 -3.37 0.00	137.19 -4.13 0.00	190.71 -5.36 0.00	133.49 -3.61 0.00	72.19 -1.82 0.00	64.95 -1.84 0.00	58.13 -1.80 0.00	57.82 -1.91 0.00	57.18 -1.98 0.00	60.32 -2.08 0.00	80.55 -2.61 0.00	112.29 -2.58 0.00	166.91 -2.96 0.00	146.03 -2.42 0.00	91.57 -1.78 0.00	111.89 -2.67 0.00	84.94 -2.58 0.35	110.07 -3.55 0.00	116.37 -3.82 0.00

HAMLTNNY_34_KV_TB 80303	112.61 -2.47 0.00	88.81 -2.03 0.00	98.65 -2.35 0.00	102.91 -2.66 0.00	96.31 -2.37 0.00	106.40 -2.47 0.00	138.36 -2.95 0.00	192.34 -3.73 0.00	134.78 -2.33 0.00	72.89 -1.12 0.00	65.59 -1.20 0.00	58.65 -1.27 0.00	58.36 -1.37 0.00	57.66 -1.49 0.00	60.83 -1.57 0.00	81.30 -1.85 0.00	112.89 -1.98 0.00	167.53 -2.34 0.00	146.61 -1.84 0.00	92.03 -1.32 0.00	112.56 -2.00 0.00	85.65 -1.89 0.33	111.03 -2.59 0.00	117.31 -2.89 0.00
HAMPSHIRE___PAPER_HYD 323593	118.42 3.34 0.00	93.98 3.13 0.00	104.60 3.59 0.00	109.40 3.83 0.00	102.28 3.60 0.00	113.40 4.53 0.00	146.65 5.34 0.00	203.40 7.32 0.00	141.88 4.78 0.00	76.32 2.32 0.00	69.03 2.24 0.00	62.01 2.08 0.00	61.72 1.98 0.00	61.00 1.85 0.00	64.26 1.85 0.00	85.16 2.00 0.00	117.44 2.57 0.00	173.80 3.93 0.00	151.87 3.42 0.00	94.67 1.32 0.00	116.37 1.81 0.00	89.84 1.98 0.00	116.99 3.37 0.00	123.93 3.73 0.00
HARDSCRABBLE_WT_PWR 323673	119.79 4.70 0.00	93.73 2.88 0.00	104.29 3.29 0.00	108.92 3.34 0.00	101.65 2.97 0.00	112.13 3.26 0.00	146.95 5.64 0.00	205.04 8.97 0.00	141.36 4.25 0.00	75.26 1.25 0.00	67.76 0.97 0.00	60.41 0.48 0.00	59.96 0.23 0.00	59.73 0.58 0.00	62.88 0.48 0.00	84.37 1.22 0.00	118.73 3.86 0.00	177.23 7.36 0.00	154.84 6.39 0.00	98.27 4.92 0.00	120.92 6.35 0.00	93.00 5.14 0.00	119.84 6.22 0.00	126.27 6.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	126.57 4.83 -6.66	102.10 3.18 -8.07	108.39 3.27 -4.11	110.85 3.16 -2.12	102.20 2.87 -0.65	112.17 3.30 0.00	146.19 4.88 0.00	203.74 7.67 0.00	143.16 6.06 0.00	77.49 3.49 0.00	69.88 3.09 0.00	62.69 2.77 0.00	62.44 2.71 0.00	61.80 2.65 0.00	65.06 2.66 0.00	86.89 3.74 0.00	120.40 5.53 0.00	178.49 8.62 0.00	155.84 7.40 0.00	98.45 5.10 0.00	120.60 6.04 0.00	92.16 4.30 0.00	118.69 5.07 0.00	125.00 4.81 0.00
HARSNRAD_115KV_TB1 81005	104.29 -10.79 0.00	82.62 -8.23 0.00	92.34 -8.67 0.00	95.98 -9.60 0.00	89.94 -8.75 0.00	98.81 -10.06 0.00	127.03 -14.28 0.00	174.57 -21.50 0.00	123.18 -13.93 0.00	67.48 -6.52 0.00	60.81 -5.98 0.00	54.26 -5.66 0.00	53.51 -6.22 0.00	53.19 -5.97 0.00	56.17 -6.23 0.00	74.28 -8.88 0.00	101.46 -13.41 0.00	150.58 -19.18 0.11	132.20 -16.04 0.21	82.94 -10.38 0.03	101.11 -13.46 0.00	74.89 -11.00 1.98	100.71 -12.91 0.00	108.43 -11.77 0.00
HARZA MOOSE___RIVER 24016	119.17 4.09 0.00	94.23 3.38 0.00	104.79 3.78 0.00	109.42 3.84 0.00	102.47 3.79 0.00	113.53 4.65 0.00	147.69 6.38 0.00	205.47 9.40 0.00	143.49 6.38 0.00	77.21 3.21 0.00	69.52 2.73 0.00	62.30 2.38 0.00	61.87 2.15 0.00	61.12 1.96 0.00	64.31 1.91 0.00	85.81 2.65 0.00	119.20 4.32 0.00	177.13 7.26 0.00	154.85 6.40 0.00	96.96 3.61 0.00	118.95 4.39 0.00	91.30 3.59 0.15	118.14 4.52 0.00	124.91 4.71 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	111.36 -3.72 0.00	87.78 -3.06 0.00	97.66 -3.35 0.00	101.92 -3.65 0.00	95.34 -3.35 0.00	105.24 -3.63 0.00	136.84 -4.47 0.00	190.12 -5.95 0.00	133.14 -3.97 0.00	72.00 -2.00 0.00	64.81 -1.98 0.00	58.05 -1.88 0.00	57.71 -2.02 0.00	57.11 -2.05 0.00	60.21 -2.20 0.00	80.35 -2.80 0.00	111.33 -3.54 0.00	165.24 -4.63 0.00	144.60 -3.85 0.00	90.84 -2.51 0.00	111.20 -3.36 0.00	84.37 -2.84 0.65	109.79 -3.84 0.00	116.16 -4.04 0.00
HELLGATE_13_KV_LD 55870	127.22 5.00 -7.14	102.80 3.31 -8.65	108.65 3.24 -4.40	110.88 3.03 -2.27	102.11 2.73 -0.69	111.96 3.08 0.00	146.04 4.73 0.00	203.85 7.78 0.00	143.83 6.72 0.00	78.01 4.00 0.00	70.63 3.84 0.00	63.46 3.54 0.00	63.32 3.59 0.00	62.69 3.53 0.00	65.76 3.36 0.00	87.72 4.56 0.00	121.44 6.57 0.00	180.11 10.24 0.00	157.13 8.68 0.00	99.20 5.85 0.00	121.45 6.89 0.00	92.72 4.85 0.00	119.23 5.61 0.00	125.50 5.30 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	127.22 5.00 -7.14	102.80 3.31 -8.65	108.65 3.24 -4.40	110.88 3.03 -2.27	102.11 2.73 -0.69	111.96 3.08 0.00	146.04 4.73 0.00	203.85 7.78 0.00	143.83 6.72 0.00	78.01 4.00 0.00	70.63 3.84 0.00	63.46 3.54 0.00	63.32 3.59 0.00	62.69 3.53 0.00	65.76 3.36 0.00	87.72 4.56 0.00	121.44 6.57 0.00	180.11 10.24 0.00	157.13 8.68 0.00	99.20 5.85 0.00	121.45 6.89 0.00	92.72 4.85 0.00	119.23 5.61 0.00	125.50 5.30 0.00
HEMPSTEAD____ 23647	147.02 6.30 -25.64	130.59 4.31 -35.44	133.11 4.06 -28.04	115.37 3.72 -6.08	105.37 3.37 -3.32	123.79 4.07 -10.84	146.95 5.64 0.00	204.67 8.60 0.00	144.53 7.42 0.00	91.75 4.81 -12.93	70.76 3.97 0.00	63.42 3.49 0.00	63.09 3.36 0.00	62.26 3.10 0.00	65.62 3.21 0.00	87.57 4.42 0.00	121.76 6.88 0.00	200.07 10.46 -19.74	157.38 8.94 0.00	145.80 6.78 -45.68	141.36 8.04 -18.76	151.03 5.84 -57.31	151.37 6.87 -30.88	151.19 6.73 -24.26
HEWLETT_69_KV_BK3 55828	192.33 7.30 -69.95	195.54 5.11 -99.59	190.65 5.01 -84.64	125.47 4.70 -15.20	110.37 4.40 -7.28	141.08 4.96 -27.24	147.81 6.49 0.00	205.66 9.59 0.00	145.04 7.94 0.00	92.07 5.13 -12.93	71.31 4.52 0.00	63.90 3.97 0.00	63.58 3.85 0.00	62.80 3.64 0.00	66.05 3.65 0.00	87.70 4.55 0.00	122.08 7.21 0.00	200.93 11.32 -19.74	158.17 9.72 0.00	146.13 7.10 -45.68	141.80 8.49 -18.76	151.58 6.40 -57.31	152.13 7.62 -30.88	151.74 7.29 -24.26
HICKLING___1 23621	114.73 -2.81 -2.46	91.72 -2.11 -2.99	100.04 -2.49 -1.52	103.54 -2.81 -0.78	96.52 -2.40 -0.24	106.20 -2.68 0.00	137.70 -3.62 0.00	191.41 -4.66 0.00	134.16 -2.95 0.00	72.92 -1.09 0.00	65.44 -1.36 0.00	58.59 -1.33 0.00	58.24 -1.49 0.00	57.71 -1.45 0.00	60.71 -1.70 0.00	81.08 -2.08 0.00	112.17 -2.70 0.00	166.71 -3.16 0.00	146.08 -2.37 0.00	91.36 -1.99 0.00	111.37 -3.20 0.00	82.17 -2.61 3.08	109.77 -3.85 0.00	116.21 -3.99 0.00
HICKLING___2 23622	114.73 -2.81 -2.46	91.72 -2.11 -2.99	100.04 -2.49 -1.52	103.54 -2.81 -0.78	96.52 -2.40 -0.24	106.20 -2.68 0.00	137.70 -3.62 0.00	191.41 -4.66 0.00	134.16 -2.95 0.00	72.92 -1.09 0.00	65.44 -1.36 0.00	58.59 -1.33 0.00	58.24 -1.49 0.00	57.71 -1.45 0.00	60.71 -1.70 0.00	81.08 -2.08 0.00	112.17 -2.70 0.00	166.71 -3.16 0.00	146.08 -2.37 0.00	91.36 -1.99 0.00	111.37 -3.20 0.00	82.17 -2.61 3.08	109.77 -3.85 0.00	116.21 -3.99 0.00
HIGH FALLS___HY 23754	130.54 5.68 -9.78	106.53 3.83 -11.86	110.99 3.94 -6.04	112.60 3.91 -3.11	103.27 3.64 -0.95	113.22 4.35 0.00	147.64 6.33 0.00	206.03 9.96 0.00	144.77 7.67 0.00	78.07 4.06 0.00	70.18 3.39 0.00	62.84 2.91 0.00	62.53 2.80 0.00	61.88 2.72 0.00	65.30 2.89 0.00	87.48 4.33 0.00	121.61 6.74 0.00	180.61 10.74 0.00	157.89 9.45 0.00	99.72 6.37 0.00	122.07 7.51 0.00	93.26 5.39 0.00	119.93 6.31 0.00	126.12 5.92 0.00
HIGH_RIVER___SOLAR 323847	200.93 5.26 -80.59	192.42 3.91 -97.66	155.07 4.35 -49.71	135.70 4.49 -25.64	110.72 4.21 -7.83	113.60 4.73 0.00	147.88 6.56 0.00	205.37 9.30 0.00	142.52 5.41 0.00	75.96 1.95 0.00	68.10 1.31 0.00	60.86 0.93 0.00	60.53 0.80 0.00	60.00 0.85 0.00	63.38 0.98 0.00	85.25 2.09 0.00	119.52 4.65 0.00	178.07 8.20 0.00	155.71 7.27 0.00	98.11 4.76 0.00	120.32 5.76 0.00	92.22 4.36 0.00	119.11 5.49 0.00	125.77 5.57 0.00

HILLBURN___GT 23639	126.20 4.37 -6.75	101.83 2.80 -8.19	107.98 2.80 -4.17	110.36 2.64 -2.15	101.72 2.38 -0.66	111.62 2.74 0.00	145.47 4.16 0.00	202.79 6.72 0.00	142.60 5.49 0.00	77.29 3.28 0.00	69.76 2.97 0.00	62.61 2.68 0.00	62.35 2.63 0.00	61.69 2.53 0.00	64.93 2.52 0.00	86.61 3.46 0.00	119.91 5.05 0.00	177.71 7.84 0.00	155.15 6.70 0.00	98.04 4.69 0.00	120.11 5.54 0.00	91.63 3.76 0.00	117.99 4.37 0.00	124.29 4.09 0.00
HILLSIDE_115KV_TB1 80332	113.71 -3.92 -2.55	90.87 -3.07 -3.09	98.91 -3.67 -1.57	102.38 -4.00 -0.81	95.35 -3.58 -0.25	104.82 -4.05 0.00	135.87 -5.44 0.00	189.07 -6.99 0.00	132.48 -4.63 0.00	71.96 -2.04 0.00	64.65 -2.14 0.00	57.99 -1.94 0.00	57.72 -2.01 0.00	57.13 -2.02 0.00	60.11 -2.29 0.00	80.29 -2.86 0.00	110.94 -3.93 0.00	164.66 -5.20 0.00	144.25 -4.20 0.00	90.27 -3.07 0.00	110.24 -4.32 0.00	81.61 -3.35 2.91	108.88 -4.74 0.00	115.22 -4.98 0.00
HISHELDN_WT_PWR 323625	109.39 -7.43 -1.74	87.42 -5.53 -2.11	96.19 -5.89 -1.07	99.49 -6.63 -0.55	92.95 -5.90 -0.17	102.01 -6.87 0.00	131.76 -9.55 0.00	181.73 -14.34 0.00	127.92 -9.18 0.00	69.84 -4.17 0.00	62.79 -4.00 0.00	56.05 -3.88 0.00	55.53 -4.20 0.00	55.32 -3.84 0.00	58.35 -4.05 0.00	77.32 -5.84 0.00	106.29 -8.58 0.00	158.06 -11.81 0.00	138.75 -9.70 0.00	86.63 -6.72 0.00	104.92 -9.64 0.00	77.65 -8.18 2.04	103.53 -10.09 0.00	110.71 -9.49 0.00
HOLTSVILLE_IC_1 23690	133.51 7.75 -10.69	110.10 5.47 -13.79	115.05 5.10 -8.94	113.23 4.66 -3.00	104.06 4.17 -1.21	116.06 5.08 -2.11	148.37 7.06 0.00	206.19 10.12 0.00	145.83 8.73 0.00	92.75 5.81 -12.93	71.05 4.26 0.00	63.51 3.58 0.00	63.28 3.55 0.00	62.40 3.24 0.00	65.91 3.51 0.00	88.46 5.30 0.00	123.76 8.89 0.00	222.59 12.39 -40.33	177.55 10.59 -18.51	174.96 8.49 -73.11	155.11 10.24 -30.31	179.58 7.42 -84.29	211.34 9.00 -88.72	294.62 9.17 -165.26
HOLTSVILLE_IC_10 23699	134.46 8.40 -10.98	111.00 5.95 -14.21	115.98 5.66 -9.31	113.85 5.22 -3.06	104.64 4.71 -1.24	116.87 5.72 -2.27	149.25 7.94 0.00	207.27 11.20 0.00	146.49 9.38 0.00	93.25 6.31 -12.93	71.40 4.61 0.00	63.81 3.88 0.00	63.56 3.83 0.00	62.70 3.54 0.00	66.25 3.85 0.00	88.99 5.83 0.00	124.61 9.73 0.00	225.77 13.48 -42.43	180.49 11.63 -20.41	178.51 9.24 -75.92	157.17 11.12 -31.49	182.96 8.03 -87.05	217.85 9.60 -94.64	309.77 9.90 -179.67
HOLTSVILLE_IC_2 23691	133.51 7.75 -10.69	110.10 5.47 -13.79	115.05 5.10 -8.94	113.23 4.66 -3.00	104.06 4.17 -1.21	116.06 5.08 -2.11	148.37 7.06 0.00	206.19 10.12 0.00	145.83 8.73 0.00	92.75 5.81 -12.93	71.05 4.26 0.00	63.51 3.58 0.00	63.28 3.55 0.00	62.40 3.24 0.00	65.91 3.51 0.00	88.46 5.30 0.00	123.76 8.89 0.00	222.59 12.39 -40.33	177.55 10.59 -18.51	174.96 8.49 -73.11	155.11 10.24 -30.31	179.58 7.42 -84.29	211.34 9.00 -88.72	294.62 9.17 -165.26
HOLTSVILLE_IC_3 23692	133.51 7.75 -10.69	110.10 5.47 -13.79	115.05 5.10 -8.94	113.23 4.66 -3.00	104.06 4.17 -1.21	116.06 5.08 -2.11	148.37 7.06 0.00	206.19 10.12 0.00	145.83 8.73 0.00	92.75 5.81 -12.93	71.05 4.26 0.00	63.51 3.58 0.00	63.28 3.55 0.00	62.40 3.24 0.00	65.91 3.51 0.00	88.46 5.30 0.00	123.76 8.89 0.00	222.59 12.39 -40.33	177.55 10.59 -18.51	174.96 8.49 -73.11	155.11 10.24 -30.31	179.58 7.42 -84.29	211.34 9.00 -88.72	294.62 9.17 -165.26
HOLTSVILLE_IC_4 23693	133.51 7.75 -10.69	110.10 5.47 -13.79	115.05 5.10 -8.94	113.23 4.66 -3.00	104.06 4.17 -1.21	116.06 5.08 -2.11	148.37 7.06 0.00	206.19 10.12 0.00	145.83 8.73 0.00	92.75 5.81 -12.93	71.05 4.26 0.00	63.51 3.58 0.00	63.28 3.55 0.00	62.40 3.24 0.00	65.91 3.51 0.00	88.46 5.30 0.00	123.76 8.89 0.00	222.59 12.39 -40.33	177.55 10.59 -18.51	174.96 8.49 -73.11	155.11 10.24 -30.31	179.58 7.42 -84.29	211.34 9.00 -88.72	294.62 9.17 -165.26
HOLTSVILLE_IC_5 23694	133.51 7.75 -10.69	110.10 5.47 -13.79	115.05 5.10 -8.94	113.23 4.66 -3.00	104.06 4.17 -1.21	116.06 5.08 -2.11	148.37 7.06 0.00	206.19 10.12 0.00	145.83 8.73 0.00	92.75 5.81 -12.93	71.05 4.26 0.00	63.51 3.58 0.00	63.28 3.55 0.00	62.40 3.24 0.00	65.91 3.51 0.00	88.46 5.30 0.00	123.76 8.89 0.00	222.59 12.39 -40.33	177.55 10.59 -18.51	174.96 8.49 -73.11	155.11 10.24 -30.31	179.58 7.42 -84.29	211.34 9.00 -88.72	294.62 9.17 -165.26
HOLTSVILLE_IC_6 23695	134.46 8.40 -10.98	111.00 5.95 -14.21	115.98 5.66 -9.31	113.85 5.22 -3.06	104.64 4.71 -1.24	116.87 5.72 -2.27	149.25 7.94 0.00	207.27 11.20 0.00	146.49 9.38 0.00	93.25 6.31 -12.93	71.40 4.61 0.00	63.81 3.88 0.00	63.56 3.83 0.00	62.70 3.54 0.00	66.25 3.85 0.00	88.99 5.83 0.00	124.61 9.73 0.00	225.77 13.48 -42.43	180.49 11.63 -20.41	178.51 9.24 -75.92	157.17 11.12 -31.49	182.96 8.03 -87.05	217.85 9.60 -94.64	309.77 9.90 -179.67
HOLTSVILLE_IC_7 23696	134.46 8.40 -10.98	111.00 5.95 -14.21	115.98 5.66 -9.31	113.85 5.22 -3.06	104.64 4.71 -1.24	116.87 5.72 -2.27	149.25 7.94 0.00	207.27 11.20 0.00	146.49 9.38 0.00	93.25 6.31 -12.93	71.40 4.61 0.00	63.81 3.88 0.00	63.56 3.83 0.00	62.70 3.54 0.00	66.25 3.85 0.00	88.99 5.83 0.00	124.61 9.73 0.00	225.77 13.48 -42.43	180.49 11.63 -20.41	178.51 9.24 -75.92	157.17 11.12 -31.49	182.96 8.03 -87.05	217.85 9.60 -94.64	309.77 9.90 -179.67
HOLTSVILLE_IC_8 23697	134.46 8.40 -10.98	111.00 5.95 -14.21	115.98 5.66 -9.31	113.85 5.22 -3.06	104.64 4.71 -1.24	116.87 5.72 -2.27	149.25 7.94 0.00	207.27 11.20 0.00	146.49 9.38 0.00	93.25 6.31 -12.93	71.40 4.61 0.00	63.81 3.88 0.00	63.56 3.83 0.00	62.70 3.54 0.00	66.25 3.85 0.00	88.99 5.83 0.00	124.61 9.73 0.00	225.77 13.48 -42.43	180.49 11.63 -20.41	178.51 9.24 -75.92	157.17 11.12 -31.49	182.96 8.03 -87.05	217.85 9.60 -94.64	309.77 9.90 -179.67
HOLTSVILLE_IC_9 23698	134.46 8.40 -10.98	111.00 5.95 -14.21	115.98 5.66 -9.31	113.85 5.22 -3.06	104.64 4.71 -1.24	116.87 5.72 -2.27	149.25 7.94 0.00	207.27 11.20 0.00	146.49 9.38 0.00	93.25 6.31 -12.93	71.40 4.61 0.00	63.81 3.88 0.00	63.56 3.83 0.00	62.70 3.54 0.00	66.25 3.85 0.00	88.99 5.83 0.00	124.61 9.73 0.00	225.77 13.48 -42.43	180.49 11.63 -20.41	178.51 9.24 -75.92	157.17 11.12 -31.49	182.96 8.03 -87.05	217.85 9.60 -94.64	309.77 9.90 -179.67
HOMER_HL_115KV_TB2 355744	111.64 -5.26 -1.82	88.58 -4.47 -2.21	97.52 -4.62 -1.12	100.78 -5.37 -0.58	93.98 -4.89 -0.18	102.53 -6.34 0.00	132.12 -9.19 0.00	182.67 -13.40 0.00	128.41 -8.70 0.00	70.16 -3.85 0.00	63.36 -3.43 0.00	57.02 -2.91 0.00	56.81 -2.92 0.00	56.55 -2.61 0.00	59.77 -2.63 0.00	78.79 -4.37 0.00	107.78 -7.09 0.00	159.83 -10.04 0.00	139.71 -8.74 0.00	87.65 -5.69 0.00	106.43 -8.13 0.00	79.46 -6.35 2.05	106.08 -7.54 0.00	113.15 -7.05 0.00
HOWARD_WT_PWR 323690	113.04 -4.12 -2.08	90.75 -2.61 -2.52	99.24 -3.05 -1.28	102.90 -3.34 -0.66	96.37 -2.52 -0.20	106.10 -2.77 0.00	137.53 -3.78 0.00	191.09 -4.98 0.00	134.18 -2.92 0.00	73.02 -0.99 0.00	65.26 -1.53 0.00	58.11 -1.82 0.00	57.65 -2.08 0.00	57.24 -1.91 0.00	60.27 -2.13 0.00	80.20 -2.95 0.00	111.28 -3.60 0.00	166.40 -3.46 0.00	145.71 -2.74 0.00	90.50 -2.85 0.00	109.01 -5.55 0.00	79.67 -5.01 3.18	106.51 -7.11 0.00	112.60 -7.60 0.00

HQ_GEN_CEDARS 23644	117.33 2.26 0.00	93.24 2.39 0.00	103.76 2.75 0.00	108.77 3.19 0.00	101.68 3.00 0.00	112.31 3.44 0.00	145.03 3.72 0.00	200.42 4.35 0.00	139.89 2.78 0.00	75.36 1.35 0.00	68.24 1.45 0.00	61.27 1.34 0.00	61.19 1.46 0.00	60.63 1.47 0.00	64.07 1.67 0.00	85.12 1.96 0.00	116.80 1.93 0.00	171.22 1.35 0.00	149.50 1.05 0.00	92.98 -0.37 0.00	114.48 -0.08 0.00	88.52 0.65 0.00	115.59 1.97 0.00	121.98 1.78 0.00
HQ_GEN_CEDARS_PROXY 323590	117.33 2.25 0.00	93.24 2.39 0.00	103.76 2.75 0.00	108.77 3.20 0.00	101.68 3.00 0.00	111.35 3.44 0.96	145.04 3.73 0.00	200.42 4.35 0.00	139.89 2.79 0.00	75.35 1.35 0.00	68.25 1.46 0.00	61.27 1.34 0.00	61.19 1.46 0.00	60.62 1.47 0.00	64.07 1.67 0.00	85.11 1.96 0.00	116.80 1.93 0.00	171.24 1.37 0.00	149.50 1.06 0.00	92.98 -0.37 0.00	114.48 -0.08 0.00	88.52 0.66 0.00	115.59 1.97 0.00	121.97 1.78 0.00
HQ_GEN_IMPORT 323601	115.11 0.03 0.00	91.31 0.46 0.00	101.56 0.55 0.00	106.40 0.82 0.00	99.54 0.85 0.00	109.95 1.07 0.00	142.29 0.98 0.00	196.99 0.92 0.00	135.01 0.34 2.43	74.01 0.00 0.00	66.91 0.12 0.00	60.13 0.21 0.00	60.07 0.34 0.00	59.52 0.36 0.00	62.91 0.50 0.00	83.74 0.59 0.00	115.24 0.37 0.00	170.06 0.19 0.00	148.54 0.09 0.00	93.10 -0.25 0.00	114.37 -0.19 0.00	87.80 -0.06 0.00	113.74 0.12 0.00	120.49 0.29 0.00
HQ_GEN_WHEEL 23651	115.11 0.03 0.00	91.31 0.46 0.00	101.56 0.55 0.00	106.40 0.82 0.00	99.54 0.85 0.00	109.95 1.07 0.00	142.29 0.98 0.00	196.99 0.92 0.00	135.01 0.34 2.43	74.01 0.00 0.00	66.91 0.12 0.00	60.13 0.21 0.00	60.07 0.34 0.00	59.52 0.36 0.00	62.91 0.50 0.00	83.74 0.59 0.00	115.24 0.37 0.00	170.06 0.19 0.00	148.54 0.09 0.00	93.10 -0.25 0.00	114.37 -0.19 0.00	87.80 -0.06 0.00	113.74 0.12 0.00	120.49 0.29 0.00
HUDSON AVE_GT_3 23810	127.50 5.29 -7.14	102.97 3.48 -8.65	108.81 3.40 -4.40	111.13 3.28 -2.27	102.32 2.94 -0.69	112.17 3.29 0.00	146.29 4.98 0.00	204.28 8.20 0.00	144.02 6.91 0.00	78.10 4.10 0.00	70.66 3.87 0.00	63.46 3.53 0.00	63.29 3.56 0.00	62.64 3.48 0.00	65.76 3.36 0.00	87.67 4.52 0.00	121.37 6.50 0.00	179.88 10.01 0.00	156.95 8.51 0.00	99.18 5.82 0.00	121.43 6.86 0.00	92.77 4.91 0.00	119.35 5.73 0.00	125.67 5.47 0.00
HUDSON AVE_GT_4 23540	127.50 5.29 -7.14	102.97 3.48 -8.65	108.81 3.40 -4.40	111.13 3.28 -2.27	102.32 2.94 -0.69	112.17 3.29 0.00	146.29 4.98 0.00	204.28 8.20 0.00	144.02 6.91 0.00	78.10 4.10 0.00	70.66 3.87 0.00	63.46 3.53 0.00	63.29 3.56 0.00	62.64 3.48 0.00	65.76 3.36 0.00	87.67 4.52 0.00	121.37 6.50 0.00	179.88 10.01 0.00	156.95 8.51 0.00	99.18 5.82 0.00	121.43 6.86 0.00	92.77 4.91 0.00	119.35 5.73 0.00	125.67 5.47 0.00
HUDSON AVE_GT_5 23657	127.50 5.29 -7.14	102.97 3.48 -8.65	108.81 3.40 -4.40	111.13 3.28 -2.27	102.32 2.94 -0.69	112.17 3.29 0.00	146.29 4.98 0.00	204.28 8.20 0.00	144.02 6.91 0.00	78.10 4.10 0.00	70.66 3.87 0.00	63.46 3.53 0.00	63.29 3.56 0.00	62.64 3.48 0.00	65.76 3.36 0.00	87.67 4.52 0.00	121.37 6.50 0.00	179.88 10.01 0.00	156.95 8.51 0.00	99.18 5.82 0.00	121.43 6.86 0.00	92.77 4.91 0.00	119.35 5.73 0.00	125.67 5.47 0.00
HUDSON_AVE_10 24168	127.27 5.06 -7.14	102.83 3.33 -8.65	108.66 3.25 -4.40	111.15 3.31 -2.27	102.31 2.94 -0.69	112.04 3.17 0.00	146.09 4.78 0.00	204.08 8.02 0.00	143.80 6.69 0.00	77.95 3.95 0.00	70.55 3.76 0.00	63.36 3.44 0.00	63.19 3.46 0.00	62.55 3.40 0.00	65.64 3.24 0.00	87.51 4.36 0.00	121.15 6.28 0.00	179.56 9.70 0.00	156.76 8.31 0.00	99.03 5.68 0.00	121.25 6.69 0.00	92.61 4.74 0.00	119.12 5.50 0.00	125.41 5.21 0.00
HUDSON___115KV_TB 4 355613	152.26 7.45 -29.73	132.55 5.67 -36.03	125.76 6.41 -18.34	121.66 6.63 -9.46	107.78 6.21 -2.89	115.22 6.34 0.00	150.12 8.81 0.00	208.47 12.40 0.00	144.71 7.60 0.00	77.00 3.00 0.00	69.03 2.24 0.00	61.80 1.87 0.00	61.55 1.83 0.00	60.96 1.80 0.00	64.16 1.75 0.00	85.44 2.29 0.00	119.47 4.60 0.00	177.70 7.83 0.00	155.29 6.85 0.00	97.95 4.60 0.00	120.48 5.92 0.00	92.59 4.73 0.00	120.44 6.82 0.00	128.51 8.31 0.00
HUNTER MOUNT___DRP 323613	148.99 8.41 -25.50	128.22 6.47 -30.90	124.02 7.28 -15.73	121.31 7.62 -8.11	108.38 7.22 -2.48	116.39 7.51 0.00	151.64 10.33 0.00	210.59 14.52 0.00	146.02 8.91 0.00	77.62 3.62 0.00	69.54 2.75 0.00	62.23 2.30 0.00	61.98 2.25 0.00	61.39 2.23 0.00	64.64 2.23 0.00	86.20 3.04 0.00	120.62 5.75 0.00	179.71 9.84 0.00	157.06 8.62 0.00	99.06 5.71 0.00	121.81 7.25 0.00	93.56 5.70 0.00	121.68 8.05 0.00	129.71 9.50 0.00
HUNTINGTON_RES_REC 323705	133.76 7.69 -10.99	110.47 5.39 -14.23	115.37 5.03 -9.33	113.24 4.61 -3.07	104.02 4.08 -1.25	116.12 4.93 -2.31	148.18 6.87 0.00	206.24 10.17 0.00	145.88 8.77 0.00	92.73 5.80 -12.93	71.07 4.28 0.00	63.54 3.61 0.00	63.30 3.57 0.00	62.42 3.27 0.00	65.87 3.47 0.00	88.34 5.18 0.00	123.52 8.65 0.00	255.25 12.53 -72.85	206.96 10.75 -47.77	218.25 8.43 -116.47	173.23 10.11 -48.55	222.06 7.26 -126.93	302.36 8.62 -180.12	517.15 8.90 -388.05
HUNTLEY___63 23557	105.63 -9.45 0.00	83.60 -7.24 0.00	93.37 -7.63 0.00	97.02 -8.55 0.00	90.93 -7.76 0.00	99.91 -8.96 0.00	128.76 -12.55 0.00	177.08 -18.99 0.00	125.03 -12.08 0.00	68.47 -5.54 0.00	61.69 -5.10 0.00	55.04 -4.89 0.00	54.31 -5.42 0.00	54.07 -5.08 0.00	57.13 -5.28 0.00	75.57 -7.59 0.00	103.15 -11.72 0.00	153.34 -16.54 -0.01	134.73 -13.73 -0.02	84.37 -8.98 0.00	102.69 -11.88 0.00	76.21 -9.86 1.79	101.90 -11.72 0.00	109.62 -10.58 0.00
HUNTLEY___64 23558	105.63 -9.45 0.00	83.60 -7.24 0.00	93.37 -7.63 0.00	97.02 -8.55 0.00	90.93 -7.76 0.00	99.91 -8.96 0.00	128.76 -12.55 0.00	177.08 -18.99 0.00	125.03 -12.08 0.00	68.47 -5.54 0.00	61.69 -5.10 0.00	55.04 -4.89 0.00	54.31 -5.42 0.00	54.07 -5.08 0.00	57.13 -5.28 0.00	75.57 -7.59 0.00	103.15 -11.72 0.00	153.34 -16.54 -0.01	134.73 -13.73 -0.02	84.37 -8.98 0.00	102.69 -11.88 0.00	76.21 -9.86 1.79	101.90 -11.72 0.00	109.62 -10.58 0.00
HUNTLEY___65 23559	105.63 -9.45 0.00	83.60 -7.24 0.00	93.37 -7.63 0.00	97.02 -8.55 0.00	90.93 -7.76 0.00	99.91 -8.96 0.00	128.76 -12.55 0.00	177.08 -18.99 0.00	125.03 -12.08 0.00	68.47 -5.54 0.00	61.69 -5.10 0.00	55.04 -4.89 0.00	54.31 -5.42 0.00	54.07 -5.08 0.00	57.13 -5.28 0.00	75.57 -7.59 0.00	103.15 -11.72 0.00	153.34 -16.54 -0.01	134.73 -13.73 -0.02	84.37 -8.98 0.00	102.69 -11.88 0.00	76.21 -9.86 1.79	101.90 -11.72 0.00	109.62 -10.58 0.00
HUNTLEY___66 23560	105.63 -9.45 0.00	83.60 -7.24 0.00	93.37 -7.63 0.00	97.02 -8.55 0.00	90.93 -7.76 0.00	99.91 -8.96 0.00	128.76 -12.55 0.00	177.08 -18.99 0.00	125.03 -12.08 0.00	68.47 -5.54 0.00	61.69 -5.10 0.00	55.04 -4.89 0.00	54.31 -5.42 0.00	54.07 -5.08 0.00	57.13 -5.28 0.00	75.57 -7.59 0.00	103.15 -11.72 0.00	153.34 -16.54 -0.01	134.73 -13.73 -0.02	84.37 -8.98 0.00	102.69 -11.88 0.00	76.21 -9.86 1.79	101.90 -11.72 0.00	109.62 -10.58 0.00



HUNTLEY___67 23561	105.80 -9.28 0.00	83.85 -7.00 0.00	93.67 -7.33 0.00	97.36 -8.21 0.00	91.24 -7.44 0.00	100.25 -8.63 0.00	129.22 -12.10 0.00	177.76 -18.30 0.00	125.34 -11.76 0.00	68.61 -5.40 0.00	61.82 -4.98 0.00	55.18 -4.74 0.00	54.68 -5.05 0.00	54.71 -4.45 0.00	57.77 -4.63 0.00	76.46 -6.69 0.00	104.56 -10.31 0.00	155.27 -14.60 0.00	136.39 -12.05 0.00	85.25 -8.10 0.00	103.01 -11.55 0.00	76.43 -9.60 1.84	102.16 -11.46 0.00	109.81 -10.39 0.00
HUNTLEY___68 23562	105.80 -9.28 0.00	83.85 -7.00 0.00	93.67 -7.33 0.00	97.36 -8.21 0.00	91.24 -7.44 0.00	100.25 -8.63 0.00	129.22 -12.10 0.00	177.76 -18.30 0.00	125.34 -11.76 0.00	68.61 -5.40 0.00	61.82 -4.98 0.00	55.18 -4.74 0.00	54.68 -5.05 0.00	54.71 -4.45 0.00	57.77 -4.63 0.00	76.46 -6.69 0.00	104.56 -10.31 0.00	155.27 -14.60 0.00	136.39 -12.05 0.00	85.25 -8.10 0.00	103.01 -11.55 0.00	76.43 -9.60 1.84	102.16 -11.46 0.00	109.81 -10.39 0.00
HYLAND___LFGE 323620	111.87 -3.21 0.00	88.53 -2.32 0.00	98.46 -2.55 0.00	99.97 -5.60 0.00	92.07 -6.62 0.00	100.73 -8.14 0.00	131.23 -10.08 0.00	183.21 -12.86 0.00	128.54 -8.57 0.00	69.40 -4.61 0.00	61.69 -5.10 0.00	54.52 -5.40 0.00	53.21 -6.51 0.00	52.75 -6.40 0.00	55.56 -6.84 0.00	72.14 -11.01 0.00	101.75 -13.13 0.00	154.39 -15.48 0.00	136.44 -12.01 0.00	85.28 -8.07 0.00	103.45 -11.11 0.00	79.14 -6.51 2.21	110.97 -2.65 0.00	116.46 -3.74 0.00
INDECK___CORINTH 23802	202.13 9.92 -77.13	191.77 7.46 -93.47	156.77 8.18 -47.58	138.15 8.04 -24.54	113.32 7.14 -7.50	115.82 6.95 0.00	150.36 9.05 0.00	208.72 12.64 0.00	144.99 7.89 0.00	77.68 3.68 0.00	69.98 3.19 0.00	62.53 2.60 0.00	62.29 2.56 0.00	61.58 2.42 0.00	65.00 2.60 0.00	87.18 4.02 0.00	121.36 6.49 0.00	179.50 9.64 0.00	156.74 8.29 0.00	98.94 5.59 0.00	121.55 6.99 0.00	93.38 5.51 0.00	120.84 7.21 0.00	127.51 7.31 0.00
INDECK___ILION 23567	122.12 7.04 0.00	95.41 4.57 0.00	106.12 5.11 0.00	110.70 5.13 0.00	103.33 4.65 0.00	113.90 5.02 0.00	149.43 8.12 0.00	208.63 12.56 0.00	143.28 6.18 0.00	75.85 1.84 0.00	68.26 1.48 0.00	60.79 0.86 0.00	60.32 0.59 0.00	60.07 0.91 0.00	63.26 0.86 0.00	85.03 1.88 0.00	120.28 5.41 0.00	180.17 10.30 0.00	157.50 9.05 0.00	99.97 6.62 0.00	123.04 8.48 0.00	94.65 6.79 0.00	121.84 8.22 0.00	128.28 8.08 0.00
INDECK___OLEAN 23982	111.69 -5.21 -1.82	88.60 -4.45 -2.21	97.53 -4.60 -1.12	100.78 -5.37 -0.58	93.98 -4.88 -0.18	102.52 -6.35 0.00	132.13 -9.18 0.00	182.67 -13.40 0.00	128.42 -8.68 0.00	70.17 -3.84 0.00	63.33 -3.46 0.00	56.98 -2.95 0.00	56.81 -2.92 0.00	56.55 -2.61 0.00	59.77 -2.63 0.00	78.78 -4.38 0.00	107.77 -7.11 0.00	159.84 -10.03 0.00	139.77 -8.67 0.00	87.66 -5.69 0.00	106.43 -8.13 0.00	79.42 -6.39 2.05	106.08 -7.55 0.00	113.15 -7.05 0.00
INDECK___OSWEGO 23783	109.53 -5.55 0.00	86.38 -4.47 0.00	96.03 -4.97 0.00	100.24 -5.33 0.00	93.76 -4.92 0.00	103.55 -5.32 0.00	134.66 -6.65 0.00	187.09 -8.97 0.00	130.93 -6.17 0.00	70.80 -3.21 0.00	63.75 -3.04 0.00	57.13 -2.80 0.00	56.80 -2.93 0.00	56.19 -2.96 0.00	59.21 -3.19 0.00	78.96 -4.19 0.00	109.45 -5.42 0.00	162.36 -7.51 0.00	142.09 -6.35 0.00	89.26 -4.09 0.00	109.35 -5.21 0.00	84.25 -4.17 -0.55	108.07 -5.55 0.00	114.33 -5.87 0.00
INDECK___YERKES 23781	105.68 -9.40 0.00	83.59 -7.25 0.00	93.32 -7.69 0.00	96.98 -8.59 0.00	90.87 -7.82 0.00	99.88 -9.00 0.00	128.72 -12.59 0.00	177.00 -19.07 0.00	124.99 -12.11 0.00	68.43 -5.58 0.00	61.62 -5.17 0.00	54.95 -4.97 0.00	54.26 -5.47 0.00	54.04 -5.11 0.00	57.12 -5.29 0.00	75.51 -7.64 0.00	103.11 -11.76 0.00	153.25 -16.62 -0.01	134.71 -13.75 -0.02	84.35 -9.00 0.00	102.68 -11.88 0.00	76.18 -9.90 1.79	101.85 -11.77 0.00	109.59 -10.61 0.00
INDIAN POINT_GT_1 24139	126.70 4.57 -7.06	102.37 2.97 -8.56	108.34 2.97 -4.36	110.62 2.81 -2.25	101.91 2.54 -0.69	111.76 2.88 0.00	145.59 4.28 0.00	202.96 6.89 0.00	142.75 5.64 0.00	77.38 3.37 0.00	69.84 3.05 0.00	62.68 2.75 0.00	62.46 2.73 0.00	61.80 2.65 0.00	65.01 2.61 0.00	86.70 3.55 0.00	120.07 5.19 0.00	177.87 8.00 0.00	155.33 6.89 0.00	98.18 4.83 0.00	120.29 5.72 0.00	91.98 4.11 0.00	118.42 4.80 0.00	124.76 4.55 0.00
INDIAN POINT_GT_2 23659	126.70 4.57 -7.06	102.37 2.97 -8.56	108.34 2.97 -4.36	110.62 2.81 -2.25	101.91 2.54 -0.69	111.76 2.88 0.00	145.59 4.28 0.00	202.96 6.89 0.00	142.75 5.64 0.00	77.38 3.37 0.00	69.84 3.05 0.00	62.68 2.75 0.00	62.46 2.73 0.00	61.80 2.65 0.00	65.01 2.61 0.00	86.70 3.55 0.00	120.07 5.19 0.00	177.87 8.00 0.00	155.33 6.89 0.00	98.18 4.83 0.00	120.29 5.72 0.00	91.98 4.11 0.00	118.42 4.80 0.00	124.76 4.55 0.00
INDIAN POINT_GT_3 24019	126.70 4.57 -7.06	102.37 2.97 -8.56	108.34 2.97 -4.36	110.62 2.81 -2.25	101.91 2.54 -0.69	111.76 2.88 0.00	145.59 4.28 0.00	202.96 6.89 0.00	142.75 5.64 0.00	77.38 3.37 0.00	69.84 3.05 0.00	62.68 2.75 0.00	62.46 2.73 0.00	61.80 2.65 0.00	65.01 2.61 0.00	86.70 3.55 0.00	120.07 5.19 0.00	177.87 8.00 0.00	155.33 6.89 0.00	98.18 4.83 0.00	120.29 5.72 0.00	91.98 4.11 0.00	118.42 4.80 0.00	124.76 4.55 0.00
INDIAN POINT___2 23530	126.33 4.30 -6.94	101.99 2.73 -8.42	108.00 2.71 -4.28	110.35 2.57 -2.21	101.66 2.30 -0.67	111.49 2.62 0.00	145.25 3.94 0.00	202.44 6.37 0.00	142.41 5.31 0.00	77.17 3.17 0.00	69.68 2.88 0.00	62.54 2.62 0.00	62.30 2.57 0.00	61.64 2.49 0.00	64.83 2.43 0.00	86.49 3.34 0.00	119.76 4.89 0.00	177.40 7.53 0.00	154.93 6.48 0.00	97.90 4.56 0.00	119.97 5.41 0.00	91.72 3.86 0.00	118.11 4.49 0.00	124.43 4.23 0.00
INDIAN POINT___3 23531	126.57 4.42 -7.07	102.25 2.84 -8.56	108.20 2.83 -4.36	110.50 2.68 -2.25	101.77 2.41 -0.69	111.60 2.73 0.00	145.39 4.08 0.00	202.66 6.58 0.00	142.55 5.44 0.00	77.24 3.23 0.00	69.73 2.94 0.00	62.59 2.67 0.00	62.37 2.64 0.00	61.71 2.56 0.00	64.91 2.50 0.00	86.57 3.42 0.00	119.86 4.99 0.00	177.53 7.67 0.00	155.04 6.59 0.00	97.99 4.64 0.00	120.06 5.49 0.00	91.82 3.96 0.00	118.24 4.62 0.00	124.57 4.37 0.00
INGHAM_C_115KV_TB7 356103	121.34 6.26 0.00	94.81 3.96 0.00	105.39 4.38 0.00	109.98 4.41 0.00	102.61 3.92 0.00	113.07 4.19 0.00	148.27 6.96 0.00	206.92 10.85 0.00	142.07 4.97 0.00	75.25 1.24 0.00	67.75 0.96 0.00	60.34 0.41 0.00	59.90 0.17 0.00	59.65 0.49 0.00	62.82 0.41 0.00	84.37 1.21 0.00	119.28 4.41 0.00	178.63 8.76 0.00	156.05 7.60 0.00	99.08 5.73 0.00	121.99 7.43 0.00	93.89 6.02 0.00	120.90 7.28 0.00	127.34 7.14 0.00
IP CORINTH___1 23988	202.13 9.92 -77.13	191.77 7.46 -93.47	156.77 8.18 -47.58	138.25 8.13 -24.54	113.54 7.37 -7.50	116.29 7.41 0.00	151.12 9.81 0.00	209.80 13.73 0.00	145.79 8.68 0.00	78.11 4.10 0.00	70.33 3.55 0.00	62.86 2.94 0.00	62.61 2.88 0.00	61.89 2.73 0.00	65.33 2.92 0.00	87.62 4.47 0.00	122.01 7.14 0.00	180.48 10.61 0.00	157.62 9.18 0.00	99.45 6.10 0.00	122.20 7.64 0.00	93.86 6.00 0.00	121.44 7.82 0.00	128.16 7.96 0.00

IP__TICONDEROGA 23804	206.36 14.88 -76.40	194.45 11.01 -92.59	160.09 11.95 -47.13	142.49 12.61 -24.31	118.52 12.41 -7.43	122.68 13.81 0.00	160.41 19.10 0.00	222.64 26.57 0.00	153.59 16.49 0.00	81.90 7.89 0.00	73.49 6.70 0.00	65.84 5.91 0.00	65.54 5.81 0.00	64.75 5.60 0.00	68.77 6.37 0.00	92.52 9.36 0.00	129.32 14.45 0.00	191.30 21.43 0.00	167.14 18.69 0.00	105.63 12.28 0.00	129.91 15.34 0.00	99.60 11.73 0.00	129.21 15.59 0.00	135.72 15.52 0.00
ISLIP_RES_REC 323679	135.12 8.87 -11.17	111.65 6.31 -14.49	116.61 6.05 -9.56	114.29 5.61 -3.10	105.06 5.11 -1.27	117.45 6.20 -2.37	149.94 8.63 0.00	208.25 12.18 0.00	147.22 10.12 0.00	93.64 6.70 -12.93	71.69 4.90 0.00	64.03 4.11 0.00	63.80 4.07 0.00	62.92 3.77 0.00	66.49 4.09 0.00	89.39 6.23 0.00	125.21 10.34 0.00	224.71 14.44 -40.39	179.53 12.51 -18.57	176.33 9.77 -73.20	156.66 11.75 -30.34	180.71 8.46 -84.38	212.68 10.15 -88.91	296.53 10.60 -165.73
JAMAICA__27_KV_LOAD 355505	128.07 5.86 -7.14	103.55 4.06 -8.65	109.40 3.99 -4.40	112.53 4.69 -2.27	103.50 4.12 -0.69	113.06 4.18 0.00	147.40 6.09 0.00	206.24 10.17 0.00	145.10 8.00 0.00	78.60 4.59 0.00	71.21 4.42 0.00	63.89 3.96 0.00	63.72 4.00 0.00	63.13 3.98 0.00	66.13 3.73 0.00	88.19 5.03 0.00	122.06 7.19 0.00	181.14 11.27 0.00	158.35 9.91 0.00	100.11 6.76 0.00	122.48 7.91 0.00	93.40 5.54 0.00	120.10 6.48 0.00	126.47 6.27 0.00
JANIS__SOLAR 323808	122.90 4.06 -3.77	98.57 3.17 -4.56	106.88 3.55 -2.32	110.45 3.67 -1.20	102.89 3.84 -0.37	113.69 4.81 0.00	148.45 7.14 0.00	207.16 11.09 0.00	144.68 7.58 0.00	77.68 3.67 0.00	69.01 2.22 0.00	61.19 1.26 0.00	60.63 0.90 0.00	59.90 0.74 0.00	63.15 0.74 0.00	84.95 1.80 0.00	119.58 4.70 0.00	179.67 9.81 0.00	157.83 9.38 0.00	99.04 5.69 0.00	121.05 6.49 0.00	94.21 4.49 -1.85	118.60 4.98 0.00	124.50 4.30 0.00
JARVIS____ 23743	116.03 0.95 0.00	91.48 0.64 0.00	101.72 0.71 0.00	106.22 0.65 0.00	99.28 0.60 0.00	109.47 0.60 0.00	142.24 0.93 0.00	197.45 1.38 0.00	138.10 0.99 0.00	74.56 0.55 0.00	67.26 0.47 0.00	60.32 0.39 0.00	60.09 0.36 0.00	59.51 0.35 0.00	62.72 0.31 0.00	83.62 0.46 0.00	115.68 0.81 0.00	171.14 1.27 0.00	149.50 1.06 0.00	94.14 0.79 0.00	115.57 1.01 0.00	88.66 0.79 0.00	114.64 1.02 0.00	121.17 0.97 0.00
JENNISON__1 23625	125.43 4.33 -6.02	101.49 3.35 -7.30	108.61 3.89 -3.72	111.57 4.08 -1.92	103.38 4.12 -0.59	113.99 5.11 0.00	148.76 7.45 0.00	208.50 12.43 0.00	145.83 8.73 0.00	78.45 4.45 0.00	70.17 3.38 0.00	62.55 2.62 0.00	62.06 2.33 0.00	61.40 2.24 0.00	64.68 2.28 0.00	86.84 3.68 0.00	121.39 6.52 0.00	181.20 11.34 0.00	158.79 10.35 0.00	99.70 6.35 0.00	121.99 7.43 0.00	93.21 5.24 -0.10	119.28 5.66 0.00	124.53 4.33 0.00
JENNISON__2 23626	125.43 4.33 -6.02	101.49 3.35 -7.30	108.61 3.89 -3.72	111.57 4.08 -1.92	103.38 4.12 -0.59	113.99 5.11 0.00	148.76 7.45 0.00	208.50 12.43 0.00	145.83 8.73 0.00	78.45 4.45 0.00	70.17 3.38 0.00	62.55 2.62 0.00	62.06 2.33 0.00	61.40 2.24 0.00	64.68 2.28 0.00	86.84 3.68 0.00	121.39 6.52 0.00	181.20 11.34 0.00	158.79 10.35 0.00	99.70 6.35 0.00	121.99 7.43 0.00	93.21 5.24 -0.10	119.28 5.66 0.00	124.53 4.33 0.00
JERICHO_RISE_WT_PWR 323719	115.19 0.11 0.00	91.62 0.78 0.00	102.23 1.22 0.00	107.42 1.85 0.00	100.58 1.90 0.00	111.06 2.19 0.00	143.54 2.23 0.00	197.64 1.57 0.00	138.07 0.96 0.00	74.49 0.48 0.00	67.64 0.86 0.00	60.61 0.69 0.00	60.46 0.73 0.00	60.03 0.87 0.00	63.47 1.07 0.00	84.53 1.38 0.00	115.65 0.77 0.00	170.39 0.52 0.00	148.95 0.50 0.00	93.24 -0.11 0.00	114.55 -0.01 0.00	88.14 0.28 0.00	114.44 0.81 0.00	121.65 1.45 0.00
KATONAH__115KV_46KV_TB4 355592	128.46 6.11 -7.27	103.83 4.17 -8.81	109.86 4.37 -4.48	112.16 4.28 -2.31	103.31 3.92 -0.71	113.37 4.49 0.00	147.84 6.53 0.00	206.17 10.10 0.00	144.92 7.82 0.00	78.46 4.45 0.00	70.82 4.03 0.00	63.52 3.59 0.00	63.30 3.57 0.00	62.67 3.51 0.00	65.90 3.49 0.00	87.89 4.74 0.00	121.79 6.92 0.00	180.50 10.63 0.00	157.78 9.34 0.00	99.68 6.33 0.00	122.13 7.57 0.00	93.37 5.51 0.00	120.15 6.53 0.00	126.54 6.34 0.00
KCE_NY_1 323755	198.29 7.83 -75.38	188.01 5.81 -91.35	153.88 6.37 -46.50	136.15 6.59 -23.98	112.01 6.00 -7.33	115.22 6.34 0.00	149.85 8.54 0.00	208.68 12.61 0.00	144.87 7.77 0.00	77.77 3.77 0.00	70.10 3.31 0.00	62.77 2.85 0.00	62.54 2.81 0.00	61.86 2.70 0.00	65.31 2.91 0.00	87.58 4.43 0.00	121.46 6.59 0.00	179.80 9.94 0.00	157.03 8.58 0.00	99.07 5.72 0.00	121.71 7.15 0.00	93.42 5.55 0.00	120.77 7.14 0.00	127.53 7.33 0.00
KCE_NY_6_ESR 323823	107.70 -7.38 0.00	85.32 -5.52 0.00	95.31 -5.70 0.00	99.04 -6.53 0.00	92.80 -5.88 0.00	102.04 -6.83 0.00	131.73 -9.59 0.00	181.51 -14.56 0.00	127.91 -9.19 0.00	69.93 -4.08 0.00	62.97 -3.82 0.00	56.21 -3.72 0.00	55.64 -4.09 0.00	55.58 -3.58 0.00	58.70 -3.71 0.00	77.71 -5.44 0.00	106.40 -8.47 0.00	158.05 -11.82 0.00	138.83 -9.61 0.00	86.76 -6.59 0.00	105.08 -9.48 0.00	77.88 -8.10 1.88	103.89 -9.73 0.00	111.55 -8.65 0.00
KEDC_PORT_JEFF_GT2 24210	134.42 8.45 -10.90	110.93 6.00 -14.09	115.87 5.66 -9.21	113.84 5.22 -3.05	104.63 4.71 -1.23	116.82 5.72 -2.23	149.26 7.95 0.00	207.42 11.35 0.00	146.17 9.06 0.00	93.01 6.08 -12.93	71.43 4.64 0.00	63.83 3.91 0.00	63.59 3.86 0.00	62.72 3.57 0.00	66.27 3.86 0.00	89.00 5.84 0.00	124.65 9.78 0.00	228.82 13.21 -45.75	183.15 11.31 -23.39	182.65 8.96 -80.34	158.69 10.78 -33.35	187.05 7.78 -91.40	226.97 9.39 -103.96	332.58 9.99 -202.39
KEDC_PORT_JEFF_GT3 24211	134.42 8.45 -10.90	110.93 6.00 -14.09	115.87 5.66 -9.21	113.84 5.22 -3.05	104.63 4.71 -1.23	116.82 5.72 -2.23	149.26 7.95 0.00	207.42 11.35 0.00	146.17 9.06 0.00	93.01 6.08 -12.93	71.43 4.64 0.00	63.83 3.91 0.00	63.59 3.86 0.00	62.72 3.57 0.00	66.27 3.86 0.00	89.00 5.84 0.00	124.65 9.78 0.00	228.82 13.21 -45.75	183.15 11.31 -23.39	182.65 8.96 -80.34	158.69 10.78 -33.35	187.05 7.78 -91.40	226.97 9.39 -103.96	332.58 9.99 -202.39
KEDC_GLWD_GT4 24219	146.74 6.83 -24.83	129.80 4.69 -34.26	132.51 4.50 -27.01	115.72 4.23 -5.91	106.29 3.85 -3.76	126.11 4.57 -12.67	147.63 6.31 0.00	205.65 9.58 0.00	145.26 8.15 0.00	92.09 5.15 -12.93	71.09 4.30 0.00	63.90 3.97 0.00	63.48 3.76 0.00	62.59 3.43 0.00	65.93 3.53 0.00	87.98 4.83 0.00	122.39 7.52 0.00	200.72 11.11 -19.74	158.07 9.62 0.00	146.29 7.27 -45.68	141.97 8.65 -18.76	151.47 6.28 -57.31	151.91 7.41 -30.88	151.70 7.25 -24.26
KEDC_GLWD_GT5 24220	146.74 6.83 -24.83	129.80 4.69 -34.26	132.51 4.50 -27.01	115.72 4.23 -5.91	106.29 3.85 -3.76	126.11 4.57 -12.67	147.63 6.31 0.00	205.65 9.58 0.00	145.26 8.15 0.00	92.09 5.15 -12.93	71.09 4.30 0.00	63.90 3.97 0.00	63.48 3.76 0.00	62.59 3.43 0.00	65.93 3.53 0.00	87.98 4.83 0.00	122.39 7.52 0.00	200.72 11.11 -19.74	158.07 9.62 0.00	146.29 7.27 -45.68	141.97 8.65 -18.76	151.47 6.28 -57.31	151.91 7.41 -30.88	151.70 7.25 -24.26

KENSICO____ 23655	127.14 4.94 -7.12	102.74 3.27 -8.63	108.67 3.27 -4.39	110.94 3.11 -2.27	102.19 2.82 -0.69	112.06 3.18 0.00	146.01 4.70 0.00	203.61 7.54 0.00	143.26 6.15 0.00	77.67 3.66 0.00	70.12 3.34 0.00	62.94 3.01 0.00	62.73 3.00 0.00	62.07 2.91 0.00	65.26 2.86 0.00	87.03 3.88 0.00	120.52 5.65 0.00	178.54 8.67 0.00	155.90 7.46 0.00	98.55 5.19 0.00	120.73 6.17 0.00	92.32 4.46 0.00	118.83 5.21 0.00	125.19 4.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	129.37 5.80 -8.49	105.11 3.98 -10.29	110.36 4.11 -5.24	112.39 4.11 -2.70	103.34 3.83 -0.82	113.37 4.50 0.00	147.86 6.55 0.00	206.22 10.15 0.00	144.74 7.64 0.00	77.94 3.93 0.00	70.07 3.28 0.00	62.73 2.81 0.00	62.43 2.70 0.00	61.80 2.65 0.00	65.23 2.82 0.00	87.34 4.19 0.00	121.47 6.60 0.00	180.37 10.50 0.00	157.75 9.30 0.00	99.59 6.24 0.00	122.00 7.44 0.00	93.22 5.36 0.00	119.99 6.37 0.00	126.31 6.11 0.00
KIAC_JFK_GT1 23816	126.88 4.67 -7.14	102.73 3.24 -8.65	108.50 3.09 -4.40	111.60 3.76 -2.27	102.65 3.27 -0.69	111.95 3.07 0.00	145.94 4.63 0.00	204.07 7.99 0.00	143.59 6.49 0.00	77.77 3.76 0.00	70.48 3.69 0.00	63.26 3.33 0.00	63.10 3.37 0.00	62.53 3.37 0.00	65.50 3.10 0.00	87.31 4.16 0.00	120.84 5.97 0.00	179.30 9.43 0.00	156.72 8.27 0.00	99.06 5.71 0.00	121.22 6.65 0.00	92.44 4.58 0.00	118.89 5.27 0.00	125.17 4.97 0.00
KIAC_JFK_GT2 23817	126.88 4.67 -7.14	102.73 3.24 -8.65	108.50 3.09 -4.40	111.60 3.76 -2.27	102.65 3.27 -0.69	111.95 3.07 0.00	145.94 4.63 0.00	204.07 7.99 0.00	143.59 6.49 0.00	77.77 3.76 0.00	70.48 3.69 0.00	63.26 3.33 0.00	63.10 3.37 0.00	62.53 3.37 0.00	65.50 3.10 0.00	87.31 4.16 0.00	120.84 5.97 0.00	179.30 9.43 0.00	156.72 8.27 0.00	99.06 5.71 0.00	121.22 6.65 0.00	92.44 4.58 0.00	118.89 5.27 0.00	125.17 4.97 0.00
KIAC_JFK____ 323774	126.86 4.64 -7.14	102.73 3.24 -8.65	108.49 3.08 -4.40	111.59 3.75 -2.27	102.65 3.27 -0.69	111.94 3.07 0.00	145.94 4.63 0.00	204.05 7.98 0.00	143.60 6.49 0.00	77.77 3.76 0.00	70.50 3.71 0.00	63.27 3.34 0.00	63.10 3.37 0.00	62.53 3.37 0.00	65.50 3.10 0.00	87.31 4.15 0.00	120.84 5.97 0.00	179.27 9.41 0.00	156.70 8.26 0.00	99.06 5.71 0.00	121.22 6.65 0.00	92.44 4.58 0.00	118.91 5.28 0.00	125.17 4.97 0.00
KINTIGH____ 23543	106.01 -9.07 0.00	83.85 -7.00 0.00	93.65 -7.36 0.00	97.41 -8.17 0.00	91.13 -7.55 0.00	100.17 -8.70 0.00	129.22 -12.09 0.00	178.05 -18.02 0.00	125.37 -11.74 0.00	68.51 -5.50 0.00	61.75 -5.04 0.00	55.19 -4.74 0.00	54.61 -5.12 0.00	54.23 -4.93 0.00	57.24 -5.17 0.00	75.81 -7.34 0.00	103.79 -11.08 0.00	153.93 -15.93 0.00	135.21 -13.23 0.01	84.71 -8.63 0.00	103.50 -11.06 0.00	77.08 -9.08 1.71	102.78 -10.84 0.00	110.19 -10.00 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	117.35 2.27 0.00	93.42 2.58 0.00	104.27 3.26 0.00	109.48 3.91 0.00	102.33 3.64 0.00	112.68 3.80 0.00	145.65 4.33 0.00	199.66 3.59 0.00	139.23 2.13 0.00	75.15 1.14 0.00	68.61 1.82 0.00	61.41 1.48 0.00	61.18 1.45 0.00	60.73 1.57 0.00	63.97 1.57 0.00	85.31 2.16 0.00	116.17 1.30 0.00	171.60 1.73 0.00	149.92 1.48 0.00	94.04 0.69 0.00	116.07 1.50 0.00	89.75 1.88 0.00	116.15 2.52 0.00	123.85 3.65 0.00
LACHUTE__HYDRO 323717	206.35 14.87 -76.40	194.45 11.01 -92.59	160.08 11.94 -47.13	142.49 12.60 -24.31	118.52 12.41 -7.43	122.68 13.80 0.00	160.41 19.10 0.00	222.64 26.57 0.00	153.59 16.49 0.00	81.90 7.89 0.00	73.49 6.70 0.00	65.84 5.91 0.00	65.55 5.81 0.00	64.75 5.60 0.00	68.78 6.37 0.00	92.51 9.36 0.00	129.32 14.45 0.00	191.30 21.43 0.00	167.14 18.69 0.00	105.63 12.28 0.00	129.91 15.34 0.00	99.60 11.73 0.00	129.21 15.59 0.00	135.72 15.52 0.00
LAWRNCV_115KV_TB1 80681	117.74 2.66 0.00	93.60 2.75 0.00	104.20 3.20 0.00	109.23 3.66 0.00	101.93 3.25 0.00	112.66 3.79 0.00	145.04 3.73 0.00	200.54 4.47 0.00	139.90 2.80 0.00	75.33 1.32 0.00	68.39 1.60 0.00	61.42 1.50 0.00	61.33 1.60 0.00	60.73 1.58 0.00	64.16 1.76 0.00	84.90 1.74 0.00	116.32 1.45 0.00	170.83 0.97 0.00	149.21 0.77 0.00	92.81 -0.54 0.00	114.30 -0.26 0.00	88.54 0.68 0.00	115.94 2.33 0.00	122.70 2.50 0.00
LEDERLE____ 23769	126.53 4.62 -6.83	102.09 2.96 -8.28	108.20 2.98 -4.21	110.59 2.84 -2.17	101.92 2.58 -0.66	111.81 2.94 0.00	145.72 4.41 0.00	203.18 7.11 0.00	142.87 5.77 0.00	77.44 3.43 0.00	69.87 3.08 0.00	62.70 2.78 0.00	62.47 2.74 0.00	61.81 2.65 0.00	65.05 2.64 0.00	86.78 3.62 0.00	120.16 5.29 0.00	178.04 8.18 0.00	155.48 7.03 0.00	98.23 4.88 0.00	120.35 5.79 0.00	91.89 4.03 0.00	118.33 4.71 0.00	124.63 4.43 0.00
LIGHTRSE_115KV_TB6 355974	113.35 -1.73 0.00	89.49 -1.35 0.00	99.45 -1.56 0.00	103.76 -1.81 0.00	97.22 -1.46 0.00	107.68 -1.19 0.00	140.09 -1.22 0.00	194.89 -1.18 0.00	136.24 -0.87 0.00	73.51 -0.49 0.00	66.14 -0.64 0.00	59.40 -0.52 0.00	58.96 -0.77 0.00	58.24 -0.91 0.00	61.26 -1.14 0.00	81.67 -1.48 0.00	113.28 -1.59 0.00	168.48 -1.39 0.00	147.46 -0.99 0.00	92.48 -0.86 0.00	113.28 -1.29 0.00	86.82 -1.05 0.00	112.07 -1.55 0.00	118.56 -1.64 0.00
LINDEN COGEN____ 23786	126.41 4.19 -7.14	102.11 2.61 -8.65	107.88 2.47 -4.40	110.15 2.30 -2.27	101.40 2.03 -0.69	111.16 2.29 0.00	144.95 3.64 0.00	199.79 6.26 2.54	142.72 5.62 0.00	72.53 3.36 4.83	53.18 3.15 16.75	61.02 2.89 1.80	44.86 2.93 17.80	52.29 2.84 9.70	64.54 2.69 0.56	82.21 3.68 4.62	107.96 5.38 12.29	155.42 8.36 22.80	154.81 7.15 0.78	98.28 4.94 0.00	120.39 5.83 0.00	91.95 4.09 0.00	118.31 4.69 0.00	124.57 4.37 0.00
LINDHRST_69_KV_BK1 356055	139.15 8.07 -15.99	117.94 5.62 -21.47	122.17 5.44 -15.72	114.74 5.07 -4.09	105.12 4.57 -1.87	119.20 5.46 -4.86	148.89 7.58 0.00	207.43 11.36 0.00	146.68 9.58 0.00	92.98 6.04 -12.93	71.53 4.74 0.00	63.91 3.99 0.00	63.64 3.91 0.00	62.76 3.61 0.00	66.24 3.84 0.00	88.67 5.52 0.00	123.75 8.88 0.00	204.69 13.18 -21.64	161.49 11.34 -1.70	150.08 8.53 -48.20	144.60 10.21 -19.82	155.10 7.44 -59.80	158.71 8.89 -36.20	166.33 8.90 -37.23
LIPA_MISC_IPP 23656	133.82 8.01 -10.73	110.39 5.69 -13.85	115.36 5.35 -9.00	113.43 4.85 -3.01	104.30 4.40 -1.21	116.36 5.34 -2.14	148.75 7.44 0.00	206.58 10.51 0.00	146.10 9.00 0.00	92.94 6.01 -12.93	71.06 4.27 0.00	63.51 3.59 0.00	63.32 3.59 0.00	62.47 3.31 0.00	66.03 3.62 0.00	88.75 5.60 0.00	124.39 9.52 0.00	223.75 13.17 -40.71	178.51 11.21 -18.86	176.05 9.07 -73.63	156.00 10.91 -30.52	180.60 7.93 -84.80	213.04 9.60 -89.81	297.82 9.71 -167.91
LISF__SOLAR 323691	134.11 8.24 -10.78	110.65 5.87 -13.93	115.62 5.55 -9.07	113.65 5.06 -3.02	104.50 4.60 -1.22	116.62 5.58 -2.17	149.10 7.79 0.00	207.09 11.02 0.00	146.47 9.36 0.00	93.11 6.17 -12.93	71.15 4.36 0.00	63.56 3.64 0.00	63.35 3.62 0.00	62.51 3.35 0.00	66.08 3.67 0.00	88.90 5.75 0.00	124.64 9.77 0.00	224.60 13.63 -41.10	179.27 11.61 -19.21	176.84 9.34 -74.15	156.55 11.25 -30.74	181.33 8.15 -85.32	214.46 9.92 -90.91	300.79 10.00 -170.59

LITTLE FALLS___HYD 24013	121.34 6.26 0.00	94.81 3.96 0.00	105.39 4.38 0.00	109.98 4.41 0.00	102.61 3.92 0.00	113.07 4.19 0.00	148.27 6.96 0.00	206.92 10.85 0.00	142.07 4.97 0.00	75.25 1.24 0.00	67.75 0.96 0.00	60.34 0.41 0.00	59.90 0.17 0.00	59.65 0.49 0.00	62.82 0.41 0.00	84.37 1.21 0.00	119.28 4.41 0.00	178.63 8.76 0.00	156.05 7.60 0.00	99.08 5.73 0.00	121.99 7.43 0.00	93.89 6.02 0.00	120.90 7.28 0.00	127.34 7.14 0.00
LITTLRIV_115KV_TB1 356100	119.36 4.28 0.00	94.89 4.05 0.00	105.66 4.65 0.00	110.73 5.16 0.00	103.29 4.60 0.00	114.20 5.33 0.00	146.92 5.61 0.00	203.31 7.24 0.00	141.81 4.71 0.00	76.24 2.23 0.00	69.10 2.31 0.00	62.13 2.21 0.00	62.08 2.36 0.00	61.50 2.35 0.00	64.96 2.55 0.00	85.89 2.73 0.00	117.62 2.75 0.00	173.09 3.23 0.00	151.28 2.83 0.00	94.06 0.72 0.00	115.81 1.25 0.00	89.69 1.82 0.00	117.49 3.87 0.00	124.45 4.25 0.00
LI_NEWBRDGE___DRP 323616	128.23 6.02 -7.13	103.61 4.12 -8.65	109.27 3.86 -4.40	111.38 3.54 -2.27	102.70 3.16 -0.86	113.35 3.80 -0.68	146.53 5.22 0.00	204.05 7.97 0.00	144.11 7.01 0.00	91.48 4.54 -12.93	70.50 3.71 0.00	63.14 3.21 0.00	62.88 3.15 0.00	62.07 2.92 0.00	65.39 2.99 0.00	87.29 4.14 0.00	121.50 6.63 0.00	199.56 9.95 -19.74	156.94 8.49 0.00	145.50 6.48 -45.68	141.04 7.73 -18.76	150.77 5.59 -57.31	151.10 6.60 -30.88	150.94 6.48 -24.26
LOCKPORT_115KV_TB60_63_64 80432	104.78 -10.30 0.00	83.01 -7.83 0.00	92.77 -8.23 0.00	96.42 -9.16 0.00	90.36 -8.32 0.00	99.29 -9.59 0.00	127.61 -13.70 0.00	175.38 -20.69 0.00	123.78 -13.32 0.00	67.81 -6.19 0.00	61.12 -5.67 0.00	54.51 -5.41 0.00	53.73 -5.99 0.00	53.42 -5.74 0.00	56.41 -5.99 0.00	74.59 -8.56 0.00	101.87 -13.01 0.00	151.38 -18.51 -0.02	133.06 -15.43 -0.05	83.37 -9.98 -0.01	101.59 -12.97 0.00	75.51 -10.64 1.71	101.24 -12.38 0.00	109.01 -11.19 0.00
LOCKPORT___CC1 323769	104.34 -10.74 0.00	82.64 -8.20 0.00	92.34 -8.66 0.00	95.97 -9.60 0.00	89.94 -8.74 0.00	98.81 -10.07 0.00	127.03 -14.28 0.00	174.55 -21.52 0.00	123.19 -13.91 0.00	67.49 -6.52 0.00	60.74 -6.05 0.00	54.22 -5.71 0.00	53.50 -6.24 0.00	53.19 -5.97 0.00	56.18 -6.22 0.00	74.27 -8.88 0.00	101.46 -13.42 0.00	150.56 -19.20 0.11	132.25 -15.99 0.21	82.96 -10.36 0.03	101.13 -13.43 0.00	74.90 -10.99 1.98	100.70 -12.92 0.00	108.42 -11.78 0.00
LOCKPORT___CC2 323770	104.34 -10.74 0.00	82.64 -8.20 0.00	92.34 -8.66 0.00	95.97 -9.60 0.00	89.94 -8.74 0.00	98.81 -10.07 0.00	127.03 -14.28 0.00	174.55 -21.52 0.00	123.19 -13.91 0.00	67.49 -6.52 0.00	60.74 -6.05 0.00	54.22 -5.71 0.00	53.50 -6.24 0.00	53.19 -5.97 0.00	56.18 -6.22 0.00	74.27 -8.88 0.00	101.46 -13.42 0.00	150.56 -19.20 0.11	132.25 -15.99 0.21	82.96 -10.36 0.03	101.13 -13.43 0.00	74.90 -10.99 1.98	100.70 -12.92 0.00	108.42 -11.78 0.00
LOCKPORT___CC3 323771	104.34 -10.74 0.00	82.64 -8.20 0.00	92.34 -8.66 0.00	95.97 -9.60 0.00	89.94 -8.74 0.00	98.81 -10.07 0.00	127.03 -14.28 0.00	174.55 -21.52 0.00	123.19 -13.91 0.00	67.49 -6.52 0.00	60.74 -6.05 0.00	54.22 -5.71 0.00	53.50 -6.24 0.00	53.19 -5.97 0.00	56.18 -6.22 0.00	74.27 -8.88 0.00	101.46 -13.42 0.00	150.56 -19.20 0.11	132.25 -15.99 0.21	82.96 -10.36 0.03	101.13 -13.43 0.00	74.90 -10.99 1.98	100.70 -12.92 0.00	108.42 -11.78 0.00
LONG_LAKE_PHOENIX 24014	110.56 -4.52 0.00	87.18 -3.66 0.00	96.98 -4.03 0.00	101.21 -4.36 0.00	94.65 -4.03 0.00	104.52 -4.36 0.00	135.99 -5.32 0.00	188.97 -7.10 0.00	132.34 -4.77 0.00	71.58 -2.43 0.00	64.47 -2.32 0.00	57.72 -2.20 0.00	57.33 -2.40 0.00	56.75 -2.41 0.00	59.80 -2.60 0.00	79.80 -3.35 0.00	110.60 -4.27 0.00	164.13 -5.73 0.00	143.62 -4.82 0.00	90.22 -3.13 0.00	110.50 -4.06 0.00	84.65 -3.36 -0.14	109.10 -4.52 0.00	115.44 -4.76 0.00
LOVETT___3 23632	125.87 3.93 -6.87	101.60 2.43 -8.32	107.64 2.40 -4.24	110.00 2.24 -2.19	101.34 1.99 -0.67	111.14 2.26 0.00	144.84 3.53 0.00	201.84 5.77 0.00	141.92 4.82 0.00	76.93 2.92 0.00	69.44 2.65 0.00	62.32 2.39 0.00	62.08 2.35 0.00	61.43 2.27 0.00	64.63 2.23 0.00	86.21 3.06 0.00	119.37 4.49 0.00	176.86 6.99 0.00	154.40 5.96 0.00	97.56 4.22 0.00	119.56 5.00 0.00	91.38 3.52 0.00	117.68 4.07 0.00	124.02 3.81 0.00
LOVETT___4 23642	125.87 3.93 -6.87	101.60 2.43 -8.32	107.64 2.40 -4.24	110.00 2.24 -2.19	101.34 1.99 -0.67	111.14 2.26 0.00	144.84 3.53 0.00	201.84 5.77 0.00	141.92 4.82 0.00	76.93 2.92 0.00	69.44 2.65 0.00	62.32 2.39 0.00	62.08 2.35 0.00	61.43 2.27 0.00	64.63 2.23 0.00	86.21 3.06 0.00	119.37 4.49 0.00	176.86 6.99 0.00	154.40 5.96 0.00	97.56 4.22 0.00	119.56 5.00 0.00	91.38 3.52 0.00	117.68 4.07 0.00	124.02 3.81 0.00
LOVETT___5 23593	125.87 3.93 -6.87	101.60 2.43 -8.32	107.64 2.40 -4.24	110.00 2.24 -2.19	101.34 1.99 -0.67	111.14 2.26 0.00	144.84 3.53 0.00	201.84 5.77 0.00	141.92 4.82 0.00	76.93 2.92 0.00	69.44 2.65 0.00	62.32 2.39 0.00	62.08 2.35 0.00	61.43 2.27 0.00	64.63 2.23 0.00	86.21 3.06 0.00	119.37 4.49 0.00	176.86 6.99 0.00	154.40 5.96 0.00	97.56 4.22 0.00	119.56 5.00 0.00	91.38 3.52 0.00	117.68 4.07 0.00	124.02 3.81 0.00
LOWER RAQUET___HYD 24057	117.85 2.77 0.00	93.72 2.87 0.00	104.35 3.34 0.00	109.36 3.78 0.00	101.99 3.31 0.00	112.76 3.88 0.00	145.04 3.73 0.00	200.57 4.50 0.00	139.91 2.80 0.00	75.32 1.32 0.00	68.45 1.66 0.00	61.48 1.56 0.00	61.37 1.64 0.00	60.79 1.63 0.00	64.19 1.78 0.00	84.83 1.68 0.00	116.16 1.29 0.00	170.73 0.86 0.00	149.14 0.70 0.00	92.76 -0.59 0.00	114.23 -0.33 0.00	88.54 0.68 0.00	116.04 2.42 0.00	122.92 2.72 0.00
LOWER___HUDSON 24059	184.35 6.03 -63.24	171.82 4.34 -76.64	144.72 4.70 -39.01	130.55 4.85 -20.12	109.22 4.39 -6.15	113.43 4.56 0.00	147.49 6.17 0.00	204.70 8.63 0.00	142.81 5.71 0.00	77.01 3.00 0.00	69.59 2.80 0.00	62.36 2.43 0.00	62.11 2.39 0.00	61.55 2.39 0.00	64.86 2.46 0.00	86.57 3.42 0.00	119.70 4.82 0.00	176.62 6.75 0.00	154.26 5.82 0.00	97.50 4.15 0.00	120.05 5.49 0.00	92.21 4.34 0.00	119.30 5.68 0.00	126.07 5.87 0.00
LOWVILLE_115KV_TB2 356335	119.51 4.43 0.00	94.67 3.83 0.00	105.31 4.30 0.00	109.85 4.27 0.00	103.03 4.35 0.00	114.45 5.57 0.00	148.83 7.52 0.00	207.08 11.01 0.00	144.53 7.43 0.00	77.72 3.72 0.00	70.00 3.21 0.00	62.76 2.84 0.00	62.25 2.52 0.00	61.43 2.28 0.00	64.59 2.19 0.00	86.16 3.01 0.00	119.72 4.85 0.00	178.05 8.18 0.00	155.58 7.13 0.00	97.17 3.82 0.00	119.19 4.62 0.00	91.54 3.81 0.13	118.46 4.84 0.00	125.33 5.13 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	198.20 7.74 -75.38	187.96 5.77 -91.35	153.86 6.35 -46.50	136.02 6.47 -23.98	111.92 5.91 -7.33	115.14 6.26 0.00	149.73 8.42 0.00	208.12 12.04 0.00	144.76 7.66 0.00	77.75 3.74 0.00	70.08 3.29 0.00	62.75 2.83 0.00	62.50 2.77 0.00	61.86 2.70 0.00	65.28 2.88 0.00	87.46 4.30 0.00	121.40 6.53 0.00	179.61 9.74 0.00	156.87 8.42 0.00	98.98 5.63 0.00	121.61 7.05 0.00	93.32 5.46 0.00	120.66 7.04 0.00	127.44 7.24 0.00

LUTHERNY__35_KV_BK2 355980	198.29 7.83 -75.38	188.01 5.81 -91.35	153.87 6.36 -46.50	136.15 6.59 -23.98	112.01 6.00 -7.33	115.22 6.34 0.00	149.85 8.54 0.00	208.68 12.61 0.00	144.88 7.77 0.00	77.78 3.77 0.00	70.09 3.31 0.00	62.77 2.85 0.00	62.54 2.81 0.00	61.86 2.91 0.00	87.58 4.43 0.00	121.46 6.59 0.00	179.81 9.94 0.00	157.03 8.58 0.00	99.07 5.72 0.00	121.71 7.15 0.00	93.41 5.55 0.00	120.77 7.15 0.00	127.53 7.33 0.00	
LWR__OSWEGATCHIE_HYD 23850	118.43 3.34 0.00	93.98 3.14 0.00	104.60 3.59 0.00	109.40 3.83 0.00	102.29 3.60 0.00	113.40 4.53 0.00	146.65 5.34 0.00	203.39 7.32 0.00	141.89 4.78 0.00	76.32 2.31 0.00	69.04 2.25 0.00	62.01 2.08 0.00	61.72 1.99 0.00	61.00 1.85 0.00	64.26 1.86 0.00	85.16 2.01 0.00	117.44 2.57 0.00	173.78 3.91 0.00	151.87 3.42 0.00	94.67 1.32 0.00	116.37 1.81 0.00	89.84 1.98 0.00	116.99 3.37 0.00	123.92 3.72 0.00
LYONS_FALL_HYD 23570	119.16 4.08 0.00	94.23 3.38 0.00	104.80 3.79 0.00	109.42 3.84 0.00	102.47 3.79 0.00	113.53 4.65 0.00	147.69 6.38 0.00	205.47 9.40 0.00	143.49 6.38 0.00	77.21 3.20 0.00	69.52 2.73 0.00	62.30 2.38 0.00	61.87 2.14 0.00	61.11 1.96 0.00	64.31 1.91 0.00	85.81 2.65 0.00	119.19 4.32 0.00	177.12 7.26 0.00	154.84 6.40 0.00	96.96 3.61 0.00	118.95 4.39 0.00	91.30 3.59 0.15	118.14 4.53 0.00	124.91 4.71 0.00
MADISON__COUNTY_LFGE 323628	118.13 3.06 0.00	93.15 2.30 0.00	103.63 2.63 0.00	108.42 2.85 0.00	101.35 2.67 0.00	111.62 2.74 0.00	144.98 3.67 0.00	201.71 5.65 0.00	140.95 3.85 0.00	75.76 1.76 0.00	68.02 1.23 0.00	60.88 0.96 0.00	60.55 0.82 0.00	59.83 0.67 0.00	63.01 0.61 0.00	84.16 1.01 0.00	117.19 2.32 0.00	174.40 4.54 0.00	152.50 4.06 0.00	95.84 2.49 0.00	117.54 2.97 0.00	90.40 2.86 0.33	117.08 3.46 0.00	123.58 3.39 0.00
MALONE__115KV_TB1 356076	117.92 2.84 0.00	93.91 3.06 0.00	104.77 3.76 0.00	109.97 4.40 0.00	102.86 4.18 0.00	113.69 4.81 0.00	146.94 5.63 0.00	202.77 6.70 0.00	141.82 4.72 0.00	76.55 2.54 0.00	69.51 2.72 0.00	62.22 2.29 0.00	62.03 2.31 0.00	61.46 2.31 0.00	64.96 2.56 0.00	86.36 3.21 0.00	118.24 3.37 0.00	174.41 4.55 0.00	152.65 4.20 0.00	95.37 2.02 0.00	117.35 2.79 0.00	90.33 2.46 0.00	117.36 3.74 0.00	124.61 4.41 0.00
MAPLEWOD_115KV_TB3 80458	170.71 5.29 -50.34	155.70 3.85 -61.01	136.26 4.20 -31.05	125.85 4.26 -16.02	107.46 3.88 -4.89	112.77 3.89 0.00	146.60 5.29 0.00	203.50 7.43 0.00	142.19 5.09 0.00	76.77 2.76 0.00	69.34 2.55 0.00	62.17 2.25 0.00	61.93 2.21 0.00	61.36 2.20 0.00	64.61 2.20 0.00	85.87 2.72 0.00	118.80 3.93 0.00	175.30 5.43 0.00	153.11 4.67 0.00	96.71 3.36 0.00	119.11 4.55 0.00	91.56 3.69 0.00	118.69 5.07 0.00	125.74 5.54 0.00
MAPLE_RIDGE_WT_1 323574	115.34 0.27 0.00	91.29 0.44 0.00	101.52 0.51 0.00	106.23 0.65 0.00	99.35 0.66 0.00	109.63 0.76 0.00	142.07 0.76 0.00	196.81 0.74 0.00	137.50 0.39 0.00	74.17 0.16 0.00	67.02 0.23 0.00	60.09 0.17 0.00	59.79 0.06 0.00	59.18 0.02 0.00	62.54 0.14 0.00	83.47 0.32 0.00	115.10 0.23 0.00	169.98 0.11 0.00	148.30 -0.14 0.00	92.79 -0.56 0.00	114.12 -0.44 0.00	87.68 -0.18 0.00	113.43 -0.19 0.00	120.09 -0.11 0.00
MAPLE_RIDGE_WT_2 323611	115.34 0.27 0.00	91.29 0.44 0.00	101.52 0.51 0.00	106.23 0.65 0.00	99.35 0.66 0.00	109.63 0.76 0.00	142.07 0.76 0.00	196.81 0.74 0.00	137.50 0.39 0.00	74.17 0.16 0.00	67.02 0.23 0.00	60.09 0.17 0.00	59.79 0.06 0.00	59.18 0.02 0.00	62.54 0.14 0.00	83.47 0.32 0.00	115.10 0.23 0.00	169.98 0.11 0.00	148.30 -0.14 0.00	92.79 -0.56 0.00	114.12 -0.44 0.00	87.68 -0.18 0.00	113.43 -0.19 0.00	120.09 -0.11 0.00
MARBLE_RIVER_WT_PWR 323696	115.28 0.20 0.00	91.64 0.79 0.00	102.22 1.21 0.00	107.39 1.81 0.00	100.56 1.88 0.00	110.94 2.07 0.00	143.40 2.09 0.00	197.19 1.11 0.00	137.72 0.62 0.00	74.30 0.30 0.00	67.58 0.79 0.00	60.54 0.62 0.00	60.37 0.64 0.00	59.94 0.79 0.00	63.38 0.97 0.00	84.42 1.26 0.00	115.41 0.54 0.00	169.96 0.09 0.00	148.55 0.11 0.00	93.03 -0.31 0.00	114.47 -0.09 0.00	88.22 0.35 0.00	114.41 0.79 0.00	121.69 1.49 0.00
MARSHVLE_115KV_TB1 80742	191.77 6.53 -70.15	180.95 5.09 -85.02	150.17 5.88 -43.28	134.07 6.18 -22.32	111.51 6.00 -6.82	116.13 7.26 0.00	151.58 10.27 0.00	210.57 14.50 0.00	145.91 8.81 0.00	77.42 3.41 0.00	69.19 2.40 0.00	61.69 1.77 0.00	61.44 1.71 0.00	61.11 1.96 0.00	64.59 2.19 0.00	86.82 3.67 0.00	122.06 7.19 0.00	182.71 12.85 0.00	160.02 11.57 0.00	100.57 7.22 0.00	123.08 8.52 0.00	94.26 6.40 0.00	121.59 7.96 0.00	128.22 8.02 0.00
MARSH_HILL_WT_PWR 323713	112.91 -4.22 -2.04	90.65 -2.67 -2.48	99.12 -3.15 -1.26	102.79 -3.44 -0.65	96.28 -2.60 -0.20	105.98 -2.89 0.00	137.42 -3.89 0.00	190.92 -5.15 0.00	134.09 -3.01 0.00	72.94 -1.07 0.00	65.18 -1.61 0.00	58.03 -1.90 0.00	57.58 -2.15 0.00	57.16 -2.00 0.00	60.18 -2.23 0.00	80.09 -3.07 0.00	111.16 -3.71 0.00	166.26 -3.61 0.00	145.61 -2.84 0.00	90.41 -2.94 0.00	108.94 -5.62 0.00	79.79 -5.08 2.99	106.43 -7.19 0.00	112.55 -7.65 0.00
MCINTYRE_115KV_TB2 80467	119.99 4.91 0.00	95.42 4.58 0.00	106.19 5.18 0.00	111.36 5.79 0.00	103.99 5.30 0.00	115.04 6.17 0.00	148.29 6.97 0.00	205.24 9.16 0.00	142.98 5.88 0.00	76.79 2.79 0.00	69.47 2.69 0.00	62.47 2.54 0.00	62.44 2.71 0.00	61.87 2.72 0.00	65.38 2.98 0.00	86.66 3.50 0.00	118.80 3.93 0.00	174.98 5.11 0.00	152.91 4.47 0.00	95.10 1.76 0.00	117.09 2.53 0.00	90.47 2.61 0.00	118.21 4.59 0.00	125.06 4.87 0.00
MECO____69_KV_BK1 80468	198.91 8.54 -75.29	188.61 6.52 -91.25	154.82 7.36 -46.45	137.19 7.66 -23.95	113.34 7.33 -7.32	117.47 8.59 0.00	153.42 12.11 0.00	213.16 17.09 0.00	146.88 9.77 0.00	77.34 3.33 0.00	69.02 2.23 0.00	61.56 1.64 0.00	61.21 1.48 0.00	60.68 1.52 0.00	64.10 1.70 0.00	86.62 3.47 0.00	123.13 8.26 0.00	185.13 15.26 0.00	162.13 13.69 0.00	101.96 8.62 0.00	124.85 10.29 0.00	95.51 7.65 0.00	123.13 9.51 0.00	129.87 9.67 0.00
MENANDS__115KV_TB5 355628	167.05 4.66 -47.31	151.56 3.38 -57.33	133.89 3.70 -29.18	124.39 3.77 -15.05	106.68 3.40 -4.60	112.12 3.24 0.00	145.69 4.38 0.00	202.24 6.17 0.00	141.29 4.19 0.00	76.37 2.37 0.00	69.05 2.26 0.00	61.92 2.00 0.00	61.69 1.97 0.00	61.13 1.97 0.00	64.32 1.92 0.00	85.33 2.18 0.00	117.90 3.03 0.00	173.79 3.92 0.00	151.75 3.30 0.00	95.84 2.50 0.00	118.10 3.54 0.00	90.86 2.99 0.00	117.93 4.31 0.00	125.09 4.89 0.00
MG INDUSTRY__DRP 24185	151.13 7.87 -28.18	131.08 6.09 -34.15	125.22 6.83 -17.38	121.59 7.05 -8.96	108.04 6.62 -2.74	115.72 6.85 0.00	150.40 9.09 0.00	208.18 12.11 0.00	143.82 6.71 0.00	76.46 2.45 0.00	68.86 2.07 0.00	61.77 1.85 0.00	61.62 1.89 0.00	60.97 1.81 0.00	64.08 1.68 0.00	85.65 2.50 0.00	120.18 5.31 0.00	178.26 8.39 0.00	155.58 7.14 0.00	98.07 4.72 0.00	120.68 6.12 0.00	92.78 4.92 0.00	120.71 7.09 0.00	128.71 8.51 0.00

MID___OSWEGATCHIE_HYD 23849	118.43 3.34 0.00	93.98 3.14 0.00	104.60 3.59 0.00	109.40 3.83 0.00	102.29 3.60 0.00	113.40 4.53 0.00	146.65 5.34 0.00	203.39 7.32 0.00	141.89 4.78 0.00	76.32 2.31 0.00	69.04 2.25 0.00	62.01 2.08 0.00	61.72 1.99 0.00	61.00 1.85 0.00	64.26 1.86 0.00	85.16 2.01 0.00	117.44 2.57 0.00	173.78 3.91 0.00	151.87 3.42 0.00	94.67 1.32 0.00	116.37 1.81 0.00	89.84 1.98 0.00	116.99 3.37 0.00	123.92 3.72 0.00
MID___RAQUETTE_HYD 23851	117.85 2.77 0.00	93.72 2.87 0.00	104.35 3.34 0.00	109.36 3.78 0.00	102.00 3.31 0.00	112.76 3.89 0.00	145.04 3.73 0.00	200.57 4.50 0.00	139.90 2.80 0.00	75.33 1.32 0.00	68.45 1.66 0.00	61.48 1.56 0.00	61.37 1.64 0.00	60.79 1.63 0.00	64.19 1.78 0.00	84.83 1.68 0.00	116.15 1.28 0.00	170.72 0.86 0.00	149.15 0.71 0.00	92.76 -0.59 0.00	114.23 -0.33 0.00	88.54 0.68 0.00	116.04 2.42 0.00	122.92 2.72 0.00
MILLIKEN___1 23584	117.69 0.46 -2.15	93.70 0.26 -2.60	102.49 0.16 -1.32	106.26 0.00 -0.68	99.06 0.17 -0.21	109.29 0.41 0.00	142.26 0.95 0.00	197.92 1.85 0.00	138.68 1.58 0.00	74.90 0.89 0.00	67.20 0.41 0.00	60.00 0.07 0.00	59.60 -0.13 0.00	58.79 -0.36 0.00	62.05 -0.35 0.00	83.02 -0.13 0.00	115.60 0.73 0.00	172.07 2.20 0.00	150.84 2.39 0.00	94.73 1.38 0.00	115.80 1.24 0.00	90.75 0.61 -2.28	114.07 0.45 0.00	120.35 0.15 0.00
MILLIKEN___2 23585	117.69 0.46 -2.15	93.70 0.26 -2.60	102.49 0.16 -1.32	106.26 0.00 -0.68	99.06 0.17 -0.21	109.29 0.41 0.00	142.26 0.95 0.00	197.92 1.85 0.00	138.68 1.58 0.00	74.90 0.89 0.00	67.20 0.41 0.00	60.00 0.07 0.00	59.60 -0.13 0.00	58.79 -0.36 0.00	62.05 -0.35 0.00	83.02 -0.13 0.00	115.60 0.73 0.00	172.07 2.20 0.00	150.84 2.39 0.00	94.73 1.38 0.00	115.80 1.24 0.00	90.75 0.61 -2.28	114.07 0.45 0.00	120.35 0.15 0.00
MILLIKEN___DIESEL 23629	117.69 0.46 -2.15	93.70 0.26 -2.60	102.49 0.16 -1.32	106.26 0.00 -0.68	99.06 0.17 -0.21	109.29 0.41 0.00	142.26 0.95 0.00	197.92 1.85 0.00	138.68 1.58 0.00	74.90 0.89 0.00	67.20 0.41 0.00	60.00 0.07 0.00	59.60 -0.13 0.00	58.79 -0.36 0.00	62.05 -0.35 0.00	83.02 -0.13 0.00	115.60 0.73 0.00	172.07 2.20 0.00	150.84 2.39 0.00	94.73 1.38 0.00	115.80 1.24 0.00	90.75 0.61 -2.28	114.07 0.45 0.00	120.35 0.15 0.00
MILLSEAT___LFGE 323607	107.88 0.00	85.35 0.00	95.30 -5.71 0.00	99.08 -6.49 0.00	92.89 -5.79 0.00	102.27 -6.60 0.00	132.06 -9.25 0.00	182.15 -13.92 0.00	128.41 -8.70 0.00	70.15 -3.85 0.00	63.07 -3.72 0.00	56.16 -3.77 0.00	55.32 -4.40 0.00	54.98 -4.18 0.00	58.07 -4.33 0.00	76.98 -6.17 0.00	105.50 -9.37 0.00	157.34 -12.54 -0.02	138.44 -10.05 -0.04	86.69 -6.66 -0.01	105.62 -8.94 0.00	78.55 -7.63 1.68	104.78 -8.84 0.00	112.42 -7.78 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	126.92 4.74 -7.10	102.54 3.10 -8.60	108.49 3.10 -4.38	110.79 2.96 -2.26	102.04 2.67 -0.69	111.87 3.00 0.00	145.77 4.46 0.00	203.22 7.15 0.00	142.95 5.85 0.00	77.47 3.46 0.00	69.96 3.17 0.00	62.78 2.86 0.00	62.56 2.83 0.00	61.91 2.76 0.00	65.10 2.69 0.00	86.82 3.67 0.00	120.24 5.37 0.00	178.07 8.21 0.00	155.53 7.09 0.00	98.29 4.94 0.00	120.44 5.88 0.00	92.09 4.23 0.00	118.59 4.97 0.00	124.93 4.73 0.00
MILLWOOD_13_KV_LOAD 356217	127.07 4.89 -7.10	102.66 3.22 -8.60	108.64 3.25 -4.38	110.92 3.09 -2.26	102.17 2.79 -0.69	112.04 3.16 0.00	146.02 4.70 0.00	203.55 7.48 0.00	143.17 6.06 0.00	77.60 3.60 0.00	70.05 3.26 0.00	62.85 2.93 0.00	62.64 2.91 0.00	61.98 2.82 0.00	65.20 2.79 0.00	86.96 3.81 0.00	120.44 5.56 0.00	178.42 8.55 0.00	155.83 7.38 0.00	98.47 5.12 0.00	120.67 6.10 0.00	92.25 4.38 0.00	118.80 5.18 0.00	125.13 4.93 0.00
MODEL_CITY_ENERGY 24167	104.06 -11.02 0.00	82.46 -8.38 0.00	92.16 -8.85 0.00	95.76 -9.81 0.00	89.74 -8.95 0.00	98.59 -10.28 0.00	126.49 -14.82 0.00	173.55 -22.52 0.00	122.53 -14.58 0.00	67.16 -6.84 0.00	60.47 -6.32 0.00	53.98 -5.95 0.00	53.21 -6.52 0.00	52.89 -6.26 0.00	55.86 -6.54 0.00	73.84 -9.31 0.00	100.75 -14.12 0.00	149.60 -20.29 -0.01	131.57 -16.90 -0.02	82.42 -10.93 0.00	100.52 -14.04 0.00	74.67 -11.44 1.76	100.39 -13.23 0.00	108.22 -11.97 0.00
MODERN_LFGE___ 323580	104.06 -11.02 0.00	82.46 -8.38 0.00	92.16 -8.85 0.00	95.76 -9.81 0.00	89.74 -8.95 0.00	98.59 -10.28 0.00	126.49 -14.82 0.00	173.55 -22.52 0.00	122.53 -14.58 0.00	67.16 -6.84 0.00	60.47 -6.32 0.00	53.98 -5.95 0.00	53.21 -6.52 0.00	52.89 -6.26 0.00	55.86 -6.54 0.00	73.84 -9.31 0.00	100.75 -14.12 0.00	149.60 -20.29 -0.01	131.57 -16.90 -0.02	82.42 -10.93 0.00	100.52 -14.04 0.00	74.67 -11.44 1.76	100.39 -13.23 0.00	108.22 -11.97 0.00
MOHAWK_PAPER___DRP 24187	170.71 5.29 -50.34	155.70 3.85 -61.01	136.26 4.20 -31.05	125.85 4.26 -16.02	107.46 3.88 -4.89	112.77 3.89 0.00	146.60 5.29 0.00	203.50 7.43 0.00	142.19 5.09 0.00	76.77 2.76 0.00	69.34 2.55 0.00	62.17 2.25 0.00	61.93 2.21 0.00	61.36 2.20 0.00	64.61 2.20 0.00	85.87 2.72 0.00	118.80 3.93 0.00	175.30 5.43 0.00	153.11 4.67 0.00	96.71 3.36 0.00	119.11 4.55 0.00	91.56 3.69 0.00	118.69 5.07 0.00	125.74 5.54 0.00
MOHICAN___35_KV_115KV_LD 80490	201.33 10.27 -75.98	190.59 7.67 -92.08	156.31 8.44 -46.87	138.29 8.54 -24.17	113.95 7.88 -7.39	117.07 8.20 0.00	152.28 10.97 0.00	211.49 15.42 0.00	146.87 9.77 0.00	78.66 4.66 0.00	70.78 4.00 0.00	63.29 3.37 0.00	63.04 3.31 0.00	62.31 3.16 0.00	65.82 3.41 0.00	88.31 5.16 0.00	123.08 8.21 0.00	182.03 12.16 0.00	158.96 10.51 0.00	100.35 7.00 0.00	123.31 8.75 0.00	94.62 6.75 0.00	122.42 8.80 0.00	129.15 8.96 0.00
MONGAUP___HYD 23641	126.15 4.60 -6.47	101.91 3.22 -7.84	108.29 3.30 -3.99	110.89 3.26 -2.06	102.30 2.99 -0.63	112.16 3.29 0.00	144.57 3.26 0.00	201.25 5.18 0.00	141.06 3.96 0.00	75.54 1.53 0.00	67.96 1.17 0.00	61.33 1.41 0.00	61.09 1.36 0.00	60.47 1.31 0.00	63.62 1.22 0.00	84.31 1.16 0.00	117.54 2.67 0.00	175.58 5.72 0.00	153.67 5.22 0.00	96.99 3.64 0.00	118.99 4.42 0.00	91.57 3.70 0.00	118.75 5.13 0.00	125.26 5.06 0.00
MONTAUK___DIESEL 23721	134.52 8.69 -10.75	111.94 7.21 -13.88	116.32 6.29 -9.02	113.57 4.98 -3.02	104.66 4.76 -1.21	116.64 5.61 -2.15	148.58 7.27 0.00	204.10 8.03 0.00	144.71 7.61 0.00	93.05 6.12 -12.93	71.09 4.30 0.00	64.43 4.51 0.00	64.79 5.06 0.00	64.15 4.99 0.00	67.93 5.53 0.00	91.67 8.51 0.00	129.07 14.20 0.00	228.59 17.84 -40.88	182.85 15.39 -19.01	180.26 13.06 -73.85	161.14 15.96 -30.61	184.37 11.48 -85.02	217.75 13.85 -90.27	302.26 13.02 -169.04
MOONROAD_115KV_HARTFLD_TB1-2 355988	110.57 -4.51 0.00	87.51 -3.33 0.00	97.71 -3.30 0.00	101.64 -3.93 0.00	95.35 -3.33 0.00	104.93 -3.95 0.00	135.81 -5.51 0.00	187.79 -8.29 0.00	132.20 -4.90 0.00	72.20 -1.80 0.00	64.88 -1.91 0.00	58.04 -1.89 0.00	57.44 -2.29 0.00	57.27 -1.88 0.00	60.46 -1.94 0.00	80.07 -3.09 0.00	109.72 -5.15 0.00	163.11 -6.76 0.00	143.05 -5.40 0.00	89.42 -3.93 0.00	107.97 -6.59 0.00	79.45 -6.47 1.95	105.68 -7.94 0.00	112.69 -7.51 0.00

MORRIS RIDGE___SOLAR 323848	111.26 -5.77 -1.95	88.97 -4.23 -2.36	97.61 -4.60 -1.20	101.01 -5.18 -0.62	94.34 -4.53 -0.19	103.65 -5.23 0.00	134.09 -7.22 0.00	185.63 -10.44 0.00	130.38 -6.73 0.00	70.96 -3.04 0.00	63.66 -3.13 0.00	56.81 -3.12 0.00	56.35 -3.38 0.00	56.04 -3.12 0.00	58.99 -3.41 0.00	78.31 -4.84 0.00	108.37 -6.50 0.00	161.47 -8.39 0.00	141.65 -6.80 0.00	88.40 -4.95 0.00	107.13 -7.43 0.00	79.30 -6.29 2.28	105.51 -8.11 0.00	112.26 -7.94 0.00
MORTIMER_115KV_TB3 55949	109.37 -5.71 0.00	86.39 -4.45 0.00	96.32 -4.69 0.00	100.30 -5.28 0.00	93.86 -4.82 0.00	103.49 -5.39 0.00	134.20 -7.11 0.00	185.73 -10.34 0.00	130.54 -6.56 0.00	71.05 -2.96 0.00	64.00 -2.79 0.00	57.17 -2.76 0.00	56.65 -3.08 0.00	56.17 -2.99 0.00	59.29 -3.12 0.00	78.79 -4.37 0.00	108.39 -6.48 0.00	160.96 -8.91 0.00	141.25 -7.20 0.00	88.55 -4.80 0.00	108.25 -6.31 0.00	80.88 -5.43 1.56	107.04 -6.58 0.00	114.05 -6.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	127.34 5.12 -7.14	102.88 3.39 -8.65	108.76 3.35 -4.40	111.02 3.18 -2.27	102.24 2.86 -0.69	112.10 3.23 0.00	146.18 4.87 0.00	204.01 7.94 0.00	143.74 6.64 0.00	77.95 3.95 0.00	70.47 3.69 0.00	63.28 3.36 0.00	63.09 3.36 0.00	62.45 3.30 0.00	65.59 3.19 0.00	87.44 4.29 0.00	121.12 6.25 0.00	179.41 9.54 0.00	156.61 8.16 0.00	98.94 5.59 0.00	121.18 6.62 0.00	92.60 4.73 0.00	119.15 5.53 0.00	125.46 5.26 0.00
MUNSVILLE_WIND_PWR 323609	128.69 8.71 -4.90	103.74 6.96 -5.94	111.91 7.88 -3.02	115.55 8.42 -1.56	107.72 8.56 -0.48	119.32 10.44 0.00	156.40 15.09 0.00	218.82 22.75 0.00	152.77 15.66 0.00	81.89 7.88 0.00	72.84 6.05 0.00	64.38 4.46 0.00	63.70 3.98 0.00	63.08 3.92 0.00	66.40 3.99 0.00	89.50 6.34 0.00	126.33 11.45 0.00	189.80 19.93 0.00	166.68 18.23 0.00	104.56 11.21 0.00	127.84 13.28 0.00	98.34 9.50 -0.97	124.54 10.92 0.00	129.85 9.65 0.00
N SALMON___HYD 24042	117.92 2.84 0.00	93.90 3.06 0.00	104.76 3.76 0.00	109.97 4.40 0.00	102.86 4.18 0.00	113.69 4.82 0.00	146.92 5.61 0.00	202.77 6.70 0.00	141.82 4.71 0.00	76.55 2.54 0.00	69.51 2.72 0.00	62.22 2.29 0.00	62.04 2.31 0.00	61.46 2.31 0.00	64.96 2.56 0.00	86.36 3.21 0.00	118.23 3.36 0.00	174.43 4.56 0.00	152.63 4.19 0.00	95.36 2.01 0.00	117.35 2.79 0.00	90.33 2.46 0.00	117.36 3.74 0.00	124.61 4.41 0.00
N.AKRON__115KV_KNAPP 355671	107.00 -8.08 0.00	84.72 -6.12 0.00	94.61 -6.40 0.00	98.38 -7.19 0.00	92.23 -6.45 0.00	101.48 -7.39 0.00	130.80 -10.51 0.00	180.24 -15.83 0.00	127.06 -10.05 0.00	69.50 -4.51 0.00	62.58 -4.21 0.00	55.76 -4.17 0.00	54.95 -4.79 0.00	54.59 -4.57 0.00	57.65 -4.75 0.00	76.34 -6.82 0.00	104.49 -10.38 0.00	155.58 -14.31 -0.02	136.78 -11.71 -0.05	85.69 -7.66 -0.01	104.40 -10.16 0.00	77.65 -8.52 1.69	103.76 -9.86 0.00	111.44 -8.76 0.00
N.BELMOR_69_KV_BK1 55787	149.22 6.70 -27.44	133.50 4.62 -38.04	135.74 4.40 -30.33	116.06 4.04 -6.45	105.63 3.66 -3.29	124.04 4.42 -10.74	147.38 6.06 0.00	205.22 9.15 0.00	144.91 7.81 0.00	91.98 5.04 -12.93	71.00 4.21 0.00	63.55 3.63 0.00	63.24 3.51 0.00	62.42 3.27 0.00	65.80 3.39 0.00	87.82 4.66 0.00	121.84 6.97 0.00	200.45 10.84 -19.74	157.75 9.30 0.00	146.00 6.97 -45.68	141.61 8.29 -18.76	151.32 6.14 -57.31	151.76 7.26 -30.88	151.60 7.15 -24.26
N.E_GEN_SANDY PD 24062	142.71 5.54 -22.09	118.30 3.82 -23.63	117.05 4.02 -12.03	115.86 4.09 -6.20	104.32 3.74 -1.90	117.86 3.94 -5.05	171.74 5.36 -25.06	231.14 7.81 -27.25	136.89 5.57 5.79	77.15 3.15 0.00	70.21 3.04 -0.38	63.23 2.73 -0.58	62.41 2.68 0.00	65.50 2.71 -3.64	71.38 2.72 -6.25	99.32 3.55 -12.62	123.78 4.86 -4.05	176.32 6.64 0.18	154.14 5.69 0.00	97.59 4.25 0.00	120.05 5.48 0.00	97.34 4.28 -5.19	128.15 5.42 -9.11	119.86 5.43 5.77
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	126.08 4.15 -6.85	101.76 2.61 -8.30	107.82 2.58 -4.23	110.18 2.43 -2.18	101.53 2.18 -0.67	111.35 2.47 0.00	145.12 3.81 0.00	202.25 6.18 0.00	142.22 5.12 0.00	77.08 3.08 0.00	69.57 2.78 0.00	62.45 2.52 0.00	62.20 2.47 0.00	61.55 2.39 0.00	64.76 2.36 0.00	86.40 3.25 0.00	119.62 4.76 0.00	177.23 7.36 0.00	154.74 6.29 0.00	97.79 4.44 0.00	119.81 5.25 0.00	91.56 3.69 0.00	117.91 4.29 0.00	124.20 4.00 0.00
N.QUEENS_27_KV_LOAD 356247	127.56 5.35 -7.14	102.97 3.48 -8.65	108.82 3.41 -4.40	110.90 3.05 -2.27	102.13 2.75 -0.69	112.24 3.37 0.00	146.25 4.94 0.00	203.92 7.85 0.00	143.80 6.69 0.00	77.96 3.95 0.00	70.66 3.87 0.00	63.42 3.49 0.00	63.18 3.45 0.00	62.51 3.36 0.00	65.45 3.04 0.00	87.34 4.19 0.00	120.94 6.07 0.00	179.59 9.73 0.00	156.95 8.50 0.00	99.19 5.84 0.00	121.41 6.85 0.00	92.67 4.81 0.00	119.31 5.69 0.00	125.54 5.34 0.00
N.TROY___115KV_TB1 355778	184.35 6.04 -63.24	171.82 4.34 -76.64	144.72 4.70 -39.01	130.54 4.85 -20.12	109.22 4.39 -6.15	113.43 4.56 0.00	147.49 6.18 0.00	204.71 8.64 0.00	142.81 5.71 0.00	77.01 3.00 0.00	69.59 2.80 0.00	62.35 2.42 0.00	62.11 2.38 0.00	61.55 2.40 0.00	64.86 2.46 0.00	86.57 3.42 0.00	119.71 4.84 0.00	176.61 6.74 0.00	154.27 5.82 0.00	97.51 4.16 0.00	120.05 5.49 0.00	92.21 4.34 0.00	119.30 5.68 0.00	126.07 5.87 0.00
NARROWS_GT1_1 24228	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT1_2 24229	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT1_3 24230	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT1_4 24231	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00

NARROWS_GT1_5 24232	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT1_6 24233	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT1_7 24234	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT1_8 24235	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	128.29 4.01 -57.48	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	209.17 6.82 -87.48	190.19 10.60 -9.72	254.69 9.18 -97.07	133.52 6.18 -34.00	134.03 7.30 -12.16	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT2_1 24236	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	74.92 4.01 -4.12	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.50 6.82 -4.81	188.89 10.60 -8.42	254.69 9.18 -97.07	132.35 6.18 -32.83	125.78 7.30 -3.91	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT2_2 24237	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	74.92 4.01 -4.12	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.50 6.82 -4.81	188.89 10.60 -8.42	254.69 9.18 -97.07	132.35 6.18 -32.83	125.78 7.30 -3.91	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT2_3 24238	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	74.92 4.01 -4.12	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.50 6.82 -4.81	188.89 10.60 -8.42	254.69 9.18 -97.07	132.35 6.18 -32.83	125.78 7.30 -3.91	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT2_4 24239	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	74.92 4.01 -4.12	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.50 6.82 -4.81	188.89 10.60 -8.42	254.69 9.18 -97.07	132.35 6.18 -32.83	125.78 7.30 -3.91	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT2_5 24240	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	74.92 4.01 -4.12	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.50 6.82 -4.81	188.89 10.60 -8.42	254.69 9.18 -97.07	132.35 6.18 -32.83	125.78 7.30 -3.91	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT2_6 24241	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	74.92 4.01 -4.12	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.50 6.82 -4.81	188.89 10.60 -8.42	254.69 9.18 -97.07	132.35 6.18 -32.83	125.78 7.30 -3.91	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT2_7 24242	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	74.92 4.01 -4.12	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.50 6.82 -4.81	188.89 10.60 -8.42	254.69 9.18 -97.07	132.35 6.18 -32.83	125.78 7.30 -3.91	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NARROWS_GT2_8 24243	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.24 3.40 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.29 8.22 0.00	144.40 7.30 0.00	79.26 4.34 -0.92	74.92 4.01 -4.12	63.62 3.69 0.00	74.90 3.73 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	126.50 6.82 -4.81	188.89 10.60 -8.42	254.69 9.18 -97.07	132.35 6.18 -32.83	125.78 7.30 -3.91	93.13 5.26 0.00	119.68 6.06 0.00	125.97 5.77 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	148.99 8.41 -25.50	128.22 6.47 -30.90	124.02 7.28 -15.73	121.31 7.62 -8.11	108.38 7.22 -2.48	116.39 7.51 0.00	151.64 10.33 0.00	210.59 14.52 0.00	146.02 8.91 0.00	77.62 3.62 0.00	69.54 2.75 0.00	62.23 2.30 0.00	61.98 2.25 0.00	61.39 2.23 0.00	64.64 2.23 0.00	86.20 3.04 0.00	120.62 5.75 0.00	179.71 9.84 0.00	157.06 8.62 0.00	99.06 5.71 0.00	121.81 7.25 0.00	93.56 5.70 0.00	121.68 8.05 0.00	129.71 9.50 0.00
NCHELSEA_115KV_TR2 355582	128.49 6.03 -7.37	103.94 4.16 -8.94	109.85 4.30 -4.55	112.19 4.27 -2.35	103.36 3.96 -0.72	113.38 4.51 0.00	147.76 6.45 0.00	205.95 9.88 0.00	144.63 7.52 0.00	78.16 4.15 0.00	70.50 3.71 0.00	63.24 3.32 0.00	63.00 3.27 0.00	62.38 3.22 0.00	65.69 3.29 0.00	87.67 4.52 0.00	121.55 6.68 0.00	180.07 10.20 0.00	157.36 8.92 0.00	99.39 6.04 0.00	121.81 7.25 0.00	93.17 5.31 0.00	119.99 6.37 0.00	126.42 6.22 0.00
NEG CAPITAL___MECHNVIL 23645	195.02 7.85 -72.08	184.02 5.82 -87.36	151.85 6.37 -44.47	135.08 6.58 -22.93	111.71 6.02 -7.01	115.28 6.41 0.00	150.01 8.69 0.00	208.50 12.42 0.00	145.05 7.94 0.00	77.94 3.93 0.00	70.30 3.51 0.00	62.94 3.02 0.00	62.69 2.96 0.00	62.06 2.91 0.00	65.47 3.07 0.00	87.74 4.58 0.00	121.64 6.77 0.00	179.99 10.12 0.00	157.21 8.77 0.00	99.25 5.91 0.00	121.95 7.38 0.00	93.55 5.69 0.00	120.94 7.32 0.00	127.72 7.52 0.00



NEG CENTRAL_HIGH_ACRES 23767	108.39 -6.69 0.00	85.55 -5.29 0.00	95.32 -5.69 0.00	99.31 -6.26 0.00	92.98 -5.70 0.00	102.66 -6.21 0.00	133.25 -8.06 0.00	184.61 -11.46 0.00	129.58 -7.52 0.00	70.37 -3.63 0.00	63.40 -3.39 0.00	56.68 -3.24 0.00	56.26 -3.47 0.00	55.72 -3.44 0.00	58.82 -3.58 0.00	78.26 -4.90 0.00	107.94 -6.94 0.00	160.24 -9.63 0.00	140.48 -7.96 0.00	88.07 -5.28 0.00	107.65 -6.91 0.00	80.67 -5.86 1.34	106.26 -7.36 0.00	113.05 -7.15 0.00
NEG CENTRAL___DRP 24199	113.01 -2.07 0.00	89.29 -1.55 0.00	99.10 -1.90 0.00	103.40 -2.17 0.00	97.26 -1.43 0.00	107.40 -1.48 0.00	139.26 -2.05 0.00	193.59 -2.49 0.00	135.92 -1.19 0.00	73.98 -0.03 0.00	66.53 -0.25 0.00	59.37 -0.55 0.00	58.98 -0.75 0.00	58.27 -0.88 0.00	61.37 -1.04 0.00	82.04 -1.11 0.00	113.60 -1.27 0.00	168.30 -1.57 0.00	147.68 -0.77 0.00	92.83 -0.52 0.00	112.95 -1.61 0.00	85.26 -1.18 1.42	111.43 -2.19 0.00	117.75 -2.45 0.00
NEG CENTRAL___INDECK 23768	109.86 -5.22 0.00	87.00 -3.84 0.00	96.82 -4.19 0.00	99.52 -6.05 0.00	92.42 -6.26 0.00	101.58 -7.30 0.00	131.92 -9.40 0.00	183.63 -12.44 0.00	129.06 -8.05 0.00	70.03 -3.97 0.00	62.66 -4.14 0.00	55.64 -4.28 0.00	54.81 -4.92 0.00	54.37 -4.79 0.00	57.25 -5.15 0.00	75.11 -8.04 0.00	104.63 -10.24 0.00	157.22 -12.65 0.00	138.44 -10.01 0.00	86.56 -6.79 0.00	105.07 -9.49 0.00	79.14 -6.51 2.22	108.06 -5.56 0.00	114.11 -6.09 0.00
NEG CENTRAL___SENECA 23627	114.84 -1.97 -1.73	91.59 -1.35 -2.09	100.34 -1.73 -1.07	104.17 -1.96 -0.55	97.95 -0.90 -0.17	107.92 -0.96 0.00	139.60 -1.71 0.00	194.21 -1.86 0.00	136.47 -0.63 0.00	74.61 0.61 0.00	67.07 0.28 0.00	59.79 -0.14 0.00	59.36 -0.37 0.00	58.67 -0.49 0.00	61.68 -0.73 0.00	82.47 -0.68 0.00	113.99 -0.88 0.00	168.64 -1.23 0.00	148.26 -0.18 0.00	93.27 -0.08 0.00	113.06 -1.50 0.00	84.85 -0.74 2.28	111.58 -2.04 0.00	117.90 -2.30 0.00
NEG CENTRAL___STATE_STREET 24147	113.52 -1.56 0.00	89.53 -1.31 0.00	99.24 -1.76 0.00	103.51 -2.06 0.00	96.93 -1.75 0.00	107.11 -1.76 0.00	139.25 -2.07 0.00	193.47 -2.60 0.00	136.00 -1.11 0.00	73.61 -0.39 0.00	66.18 -0.62 0.00	58.97 -0.95 0.00	58.74 -0.98 0.00	57.88 -1.28 0.00	61.23 -1.17 0.00	81.86 -1.29 0.00	113.72 -1.15 0.00	168.35 -1.52 0.00	147.51 -0.93 0.00	92.61 -0.74 0.00	113.21 -1.36 0.00	86.27 -1.40 0.19	111.75 -1.87 0.00	117.92 -2.27 0.00
NEG MILLWOOD___DRP 24198	128.97 6.54 -7.35	104.28 4.53 -8.91	110.30 4.76 -4.54	112.62 4.71 -2.34	103.73 4.33 -0.71	113.84 4.96 0.00	148.48 7.17 0.00	207.05 10.98 0.00	145.41 8.31 0.00	78.62 4.61 0.00	70.90 4.11 0.00	63.61 3.69 0.00	63.37 3.64 0.00	62.73 3.57 0.00	66.02 3.61 0.00	88.14 4.98 0.00	122.15 7.28 0.00	181.08 11.21 0.00	158.32 9.87 0.00	100.05 6.70 0.00	122.54 7.97 0.00	93.70 5.84 0.00	120.60 6.97 0.00	127.01 6.81 0.00
NEG NORTH_FLCN_SEA 23793	116.79 1.71 0.00	92.88 2.04 0.00	103.66 2.65 0.00	108.80 3.23 0.00	101.59 2.91 0.00	111.46 2.59 0.00	143.71 2.40 0.00	196.06 -0.01 0.00	136.76 -0.35 0.00	73.84 -0.17 0.00	67.82 1.03 0.00	60.76 0.83 0.00	60.55 0.82 0.00	60.11 0.96 0.00	63.49 1.09 0.00	84.65 1.49 0.00	114.70 -0.17 0.00	168.71 -1.16 0.00	147.36 -1.08 0.00	92.47 -0.88 0.00	114.41 -0.15 0.00	88.96 1.09 0.00	115.03 1.41 0.00	123.09 2.89 0.00
NEG NORTH_KES_CHATEGAY 23792	115.37 0.29 0.00	91.74 0.90 0.00	102.31 1.30 0.00	107.52 1.95 0.00	100.66 1.98 0.00	111.17 2.30 0.00	143.73 2.42 0.00	197.77 1.70 0.00	138.47 1.37 0.00	74.68 0.67 0.00	67.68 0.89 0.00	60.76 0.83 0.00	60.62 0.90 0.00	60.15 1.00 0.00	63.60 1.19 0.00	84.71 1.55 0.00	115.98 1.11 0.00	170.89 1.02 0.00	149.46 1.01 0.00	93.53 0.18 0.00	114.95 0.39 0.00	88.44 0.58 0.00	114.84 1.22 0.00	122.08 1.88 0.00
NEG NORTH___ALICE_FALLS 23915	117.35 2.27 0.00	93.42 2.58 0.00	104.27 3.26 0.00	109.48 3.91 0.00	102.33 3.64 0.00	112.68 3.80 0.00	145.65 4.33 0.00	199.66 3.59 0.00	139.23 2.13 0.00	75.15 1.14 0.00	68.61 1.82 0.00	61.41 1.48 0.00	61.18 1.45 0.00	60.73 1.57 0.00	63.97 1.57 0.00	85.31 2.16 0.00	116.17 1.30 0.00	171.60 1.73 0.00	149.92 1.48 0.00	94.04 0.69 0.00	116.07 1.50 0.00	89.75 1.88 0.00	116.15 2.52 0.00	123.85 3.65 0.00
NEG NORTH___LWR_SARANAC 23913	117.35 2.27 0.00	93.42 2.58 0.00	104.27 3.26 0.00	109.48 3.91 0.00	102.33 3.64 0.00	112.68 3.80 0.00	145.65 4.33 0.00	199.66 3.59 0.00	139.23 2.13 0.00	75.15 1.14 0.00	68.61 1.82 0.00	61.41 1.48 0.00	61.18 1.45 0.00	60.73 1.57 0.00	63.97 1.57 0.00	85.31 2.16 0.00	116.17 1.30 0.00	171.60 1.73 0.00	149.92 1.48 0.00	94.04 0.69 0.00	116.07 1.50 0.00	89.75 1.88 0.00	116.15 2.52 0.00	123.85 3.65 0.00
NEG NORTH___PLATTSBURG 23628	117.35 2.27 0.00	93.42 2.58 0.00	104.28 3.27 0.00	109.48 3.91 0.00	102.32 3.64 0.00	112.67 3.80 0.00	145.64 4.33 0.00	199.65 3.58 0.00	139.23 2.12 0.00	75.15 1.14 0.00	68.61 1.82 0.00	61.41 1.48 0.00	61.18 1.45 0.00	60.73 1.57 0.00	63.97 1.57 0.00	85.31 2.15 0.00	116.17 1.30 0.00	171.60 1.73 0.00	149.92 1.48 0.00	94.04 0.69 0.00	116.07 1.51 0.00	89.75 1.89 0.00	116.15 2.52 0.00	123.85 3.65 0.00
NEG WEST_LEA_LOCKPORT 23791	104.29 -10.79 0.00	82.62 -8.23 0.00	92.34 -8.67 0.00	95.98 -9.60 0.00	89.94 -8.75 0.00	98.81 -10.06 0.00	127.03 -14.28 0.00	174.57 -21.50 0.00	123.18 -13.93 0.00	67.48 -6.52 0.00	60.81 -5.98 0.00	54.26 -5.66 0.00	53.51 -6.22 0.00	53.19 -5.97 0.00	56.17 -6.23 0.00	74.28 -8.88 0.00	101.46 -13.41 0.00	150.58 -19.18 0.11	132.20 -16.04 0.21	82.94 -10.38 0.03	101.11 -13.46 0.00	74.89 -11.00 1.98	100.71 -12.91 0.00	108.43 -11.77 0.00
NEG WEST___LANCASTER 23811	108.84 -6.24 0.00	86.10 -4.74 0.00	96.10 -4.91 0.00	99.94 -5.64 0.00	93.60 -5.08 0.00	102.78 -6.10 0.00	132.71 -8.60 0.00	183.15 -12.92 0.00	128.90 -8.20 0.00	70.47 -3.54 0.00	63.50 -3.29 0.00	56.80 -3.12 0.00	56.37 -3.36 0.00	56.10 -3.06 0.00	59.31 -3.10 0.00	78.51 -4.65 0.00	107.54 -7.33 0.00	159.57 -10.31 0.00	139.84 -8.60 0.00	87.63 -5.72 0.00	106.34 -8.23 0.00	79.15 -6.80 1.91	105.45 -8.17 0.00	112.91 -7.29 0.00
NEG_PENN_ALLEGHNY 23528	117.41 -0.97 -3.30	93.94 -0.90 -3.99	102.01 -1.03 -2.03	105.36 -1.26 -1.05	97.87 -1.14 -0.32	107.61 -1.27 0.00	139.77 -1.54 0.00	194.45 -1.62 0.00	136.20 -0.90 0.00	73.73 -0.28 0.00	66.34 -0.45 0.00	59.45 -0.48 0.00	59.14 -0.58 0.00	58.51 -0.64 0.00	61.63 -0.78 0.00	82.34 -0.82 0.00	113.99 -0.87 0.00	169.19 -0.68 0.00	148.03 -0.41 0.00	92.94 -0.41 0.00	113.72 -0.84 0.00	86.22 -0.76 0.88	112.37 -1.25 0.00	118.76 -1.44 0.00
NEG___GEN_MONROE 24207	109.99 -5.09 0.00	86.88 -3.96 0.00	96.87 -4.14 0.00	100.85 -4.72 0.00	94.43 -4.25 0.00	104.12 -4.76 0.00	134.98 -6.34 0.00	186.83 -9.25 0.00	131.33 -5.77 0.00	71.48 -2.53 0.00	64.34 -2.45 0.00	57.40 -2.53 0.00	56.83 -2.90 0.00	56.39 -2.76 0.00	59.52 -2.89 0.00	79.08 -4.08 0.00	108.69 -6.18 0.00	161.79 -8.08 0.00	142.10 -6.35 -0.01	89.05 -4.30 0.00	108.80 -5.76 0.00	81.22 -5.08 1.56	107.57 -6.05 0.00	114.68 -5.52 0.00

NEPA__ENERGY 23901	108.46 -6.62 0.00	85.90 -4.94 0.00	95.95 -5.06 0.00	99.74 -5.83 0.00	93.54 -5.15 0.00	102.85 -6.03 0.00	132.83 -8.48 0.00	183.23 -12.84 0.00	129.07 -8.03 0.00	70.53 -3.48 0.00	63.46 -3.33 0.00	56.71 -3.21 0.00	56.11 -3.62 0.00	56.01 -3.15 0.00	59.13 -3.28 0.00	78.31 -4.85 0.00	107.28 -7.59 0.00	159.46 -10.41 0.00	139.95 -8.49 0.00	87.48 -5.87 0.00	105.77 -8.80 0.00	78.13 -7.85 1.89	104.14 -9.48 0.00	111.44 -8.76 0.00
NEVERSINK__HYD 23608	126.28 3.76 -7.44	102.29 2.42 -9.02	108.01 2.42 -4.59	110.28 2.34 -2.37	101.57 2.16 -0.72	111.51 2.64 0.00	145.44 4.13 0.00	202.81 6.74 0.00	142.20 5.09 0.00	76.55 2.54 0.00	68.84 2.05 0.00	61.66 1.74 0.00	61.37 1.64 0.00	60.74 1.58 0.00	64.09 1.69 0.00	85.82 2.66 0.00	119.29 4.42 0.00	177.07 7.20 0.00	154.83 6.38 0.00	97.73 4.38 0.00	119.76 5.20 0.00	91.54 3.68 0.00	117.88 4.26 0.00	124.16 3.96 0.00
NEWKRMKL_115KV_TB1 55635	163.10 4.13 -43.89	147.08 3.05 -53.19	131.47 3.38 -27.08	122.94 3.41 -13.96	106.03 3.08 -4.27	111.64 2.76 0.00	145.09 3.78 0.00	201.34 5.27 0.00	140.70 3.60 0.00	76.03 2.02 0.00	68.72 1.93 0.00	61.65 1.72 0.00	61.40 1.67 0.00	60.83 1.68 0.00	64.00 1.60 0.00	84.80 1.65 0.00	117.17 2.30 0.00	172.76 2.89 0.00	150.88 2.43 0.00	95.23 1.88 0.00	117.26 2.69 0.00	90.23 2.36 0.00	117.32 3.70 0.00	124.74 4.54 0.00
NEWTON__FALLS_HYD 23847	118.43 3.34 0.00	93.98 3.14 0.00	104.60 3.59 0.00	109.40 3.83 0.00	102.29 3.60 0.00	113.40 4.53 0.00	146.65 5.34 0.00	203.39 7.32 0.00	141.89 4.78 0.00	76.32 2.31 0.00	69.04 2.25 0.00	62.01 2.08 0.00	61.72 1.99 0.00	61.00 1.85 0.00	64.26 1.86 0.00	85.16 2.01 0.00	117.44 2.57 0.00	173.78 3.91 0.00	151.87 3.42 0.00	94.67 1.32 0.00	116.37 1.81 0.00	89.84 1.98 0.00	116.99 3.37 0.00	123.92 3.72 0.00
NGRID_A1_DSASP 323792	103.22 -11.86 0.00	81.77 -9.07 0.00	91.39 -9.61 0.00	95.00 -10.57 0.00	88.98 -9.70 0.00	97.74 -11.13 0.00	125.79 -15.52 0.00	172.67 -23.40 0.00	121.88 -15.22 0.00	66.79 -7.22 0.00	60.13 -6.66 0.00	53.67 -6.25 0.00	53.01 -6.72 0.00	52.64 -6.52 0.00	55.62 -6.78 0.00	73.54 -9.61 0.00	100.27 -14.60 0.00	148.74 -21.13 0.00	130.90 -17.55 0.00	81.93 -11.41 0.00	100.08 -14.48 0.00	74.30 -11.77 1.79	99.51 -14.11 0.00	107.27 -12.94 0.00
NGRID_A2_DSASP 323793	103.22 -11.86 0.00	81.77 -9.07 0.00	91.39 -9.61 0.00	95.00 -10.57 0.00	88.98 -9.70 0.00	97.74 -11.13 0.00	125.79 -15.52 0.00	172.67 -23.40 0.00	121.88 -15.22 0.00	66.79 -7.22 0.00	60.13 -6.66 0.00	53.67 -6.25 0.00	53.01 -6.72 0.00	52.64 -6.52 0.00	55.62 -6.78 0.00	73.54 -9.61 0.00	100.27 -14.60 0.00	148.74 -21.13 0.00	130.90 -17.55 0.00	81.93 -11.41 0.00	100.08 -14.48 0.00	74.30 -11.77 1.79	99.51 -14.11 0.00	107.27 -12.94 0.00
NGRID_A4_DSASP 323807	103.22 -11.86 0.00	81.77 -9.07 0.00	91.39 -9.61 0.00	95.00 -10.57 0.00	88.98 -9.70 0.00	97.74 -11.13 0.00	125.79 -15.52 0.00	172.67 -23.40 0.00	121.88 -15.22 0.00	66.79 -7.22 0.00	60.13 -6.66 0.00	53.67 -6.25 0.00	53.01 -6.72 0.00	52.64 -6.52 0.00	55.62 -6.78 0.00	73.54 -9.61 0.00	100.27 -14.60 0.00	148.74 -21.13 0.00	130.90 -17.55 0.00	81.93 -11.41 0.00	100.08 -14.48 0.00	74.30 -11.77 1.79	99.51 -14.11 0.00	107.27 -12.94 0.00
NIAGARA_115E_LBMP 323715	103.65 -11.43 0.00	82.13 -8.71 0.00	91.80 -9.21 0.00	95.38 -10.19 0.00	89.39 -9.30 0.00	98.18 -10.69 0.00	125.81 -15.50 0.00	172.48 -23.59 0.00	121.78 -15.33 0.00	66.79 -7.22 0.00	60.14 -6.65 0.00	53.68 -6.24 0.00	52.92 -6.81 0.00	52.59 -6.56 0.00	55.54 -6.87 0.00	73.40 -9.75 0.00	100.10 -14.77 0.00	148.54 -21.34 -0.01	130.62 -17.85 -0.02	81.85 -11.50 0.00	99.85 -14.71 0.00	74.19 -11.89 1.78	99.89 -13.73 0.00	107.80 -12.40 0.00
NIAGARA_115W_LBMP 323714	103.06 -12.02 0.00	81.65 -9.20 0.00	91.27 -9.74 0.00	94.83 -10.74 0.00	88.81 -9.87 0.00	97.58 -11.29 0.00	125.55 -15.76 0.00	172.40 -23.67 0.00	121.68 -15.43 0.00	66.68 -7.32 0.00	60.02 -6.76 0.00	53.58 -6.34 0.00	52.92 -6.81 0.00	52.55 -6.60 0.00	55.54 -6.87 0.00	73.42 -9.74 0.00	100.11 -14.76 0.00	148.45 -21.41 0.00	130.67 -17.77 0.00	81.79 -11.56 0.00	99.92 -14.64 0.00	74.18 -11.90 1.79	99.38 -14.24 0.00	107.10 -13.09 0.00
NIAGARA_230_LBMP 323716	104.31 -10.77 0.00	82.60 -8.24 0.00	92.31 -8.70 0.00	95.98 -9.60 0.00	89.87 -8.81 0.00	98.72 -10.16 0.00	127.04 -14.27 0.00	174.53 -21.54 0.00	123.11 -14.00 0.00	67.42 -6.59 0.00	60.70 -6.09 0.00	54.21 -5.72 0.00	53.57 -6.17 0.00	53.21 -5.95 0.00	56.20 -6.20 0.00	74.33 -8.82 0.00	101.49 -13.39 0.00	150.53 -19.33 0.01	132.38 -16.05 0.01	82.90 -10.45 0.00	101.22 -13.34 0.00	75.18 -10.90 1.79	100.69 -12.93 0.00	108.40 -11.79 0.00
NIAGARA__115KV_198_GIBSON 55903	102.98 -12.10 0.00	81.63 -9.21 0.00	91.26 -9.75 0.00	94.83 -10.75 0.00	88.84 -9.84 0.00	97.59 -11.28 0.00	125.54 -15.77 0.00	172.40 -23.67 0.00	121.67 -15.43 0.00	66.69 -7.32 0.00	60.08 -6.71 0.00	53.63 -6.30 0.00	52.93 -6.80 0.00	52.56 -6.59 0.00	55.54 -6.87 0.00	73.41 -9.74 0.00	100.10 -14.77 0.00	148.50 -21.37 0.00	130.62 -17.83 0.00	81.79 -11.56 0.00	99.92 -14.64 0.00	74.20 -11.87 1.79	99.38 -14.24 0.00	107.10 -13.10 0.00
NIAGARA____ 23760	104.31 -10.77 0.00	82.60 -8.24 0.00	92.31 -8.70 0.00	95.98 -9.60 0.00	89.87 -8.81 0.00	98.72 -10.16 0.00	127.04 -14.27 0.00	174.53 -21.54 0.00	123.11 -14.00 0.00	67.42 -6.59 0.00	60.70 -6.09 0.00	54.21 -5.72 0.00	53.57 -6.17 0.00	53.21 -5.95 0.00	56.20 -6.20 0.00	74.33 -8.82 0.00	101.49 -13.39 0.00	150.54 -19.33 0.00	132.39 -16.05 0.00	82.90 -10.45 0.00	101.22 -13.34 0.00	75.18 -10.90 1.79	100.69 -12.93 0.00	108.40 -11.79 0.00
NINE_MILE_1 23575	109.76 -5.31 0.00	86.59 -4.25 0.00	96.31 -4.69 0.00	100.55 -5.02 0.00	94.02 -4.66 0.00	103.76 -5.11 0.00	134.81 -6.51 0.00	187.18 -8.89 0.00	130.99 -6.11 0.00	70.84 -3.16 0.00	63.82 -2.97 0.00	57.18 -2.74 0.00	56.91 -2.82 0.00	56.32 -2.83 0.00	59.39 -3.01 0.00	79.19 -3.96 0.00	109.57 -5.30 0.00	162.37 -7.50 0.00	142.08 -6.37 0.00	89.26 -4.09 0.00	109.40 -5.17 0.00	78.35 -4.12 5.40	108.26 -5.37 0.00	114.55 -5.65 0.00
NINE_MILE_2 23744	109.77 -5.30 0.00	86.59 -4.25 0.00	96.31 -4.69 0.00	100.56 -5.01 0.00	94.03 -4.65 0.00	103.77 -5.11 0.00	134.83 -6.48 0.00	187.18 -8.89 0.00	131.02 -6.09 0.00	70.84 -3.16 0.00	63.82 -2.97 0.00	57.19 -2.74 0.00	56.91 -2.82 0.00	56.32 -2.83 0.00	59.39 -3.01 0.00	79.20 -3.96 0.00	109.58 -5.29 0.00	162.37 -7.50 0.00	142.09 -6.35 0.00	89.27 -4.08 0.00	109.40 -5.16 0.00	78.28 -4.12 5.47	108.26 -5.37 0.00	114.56 -5.64 0.00
NM_CAPITAL__DRP 24208	161.77 4.35 -42.35	145.34 3.17 -51.32	130.62 3.49 -26.12	122.59 3.55 -13.47	105.98 3.19 -4.12	111.83 2.96 0.00	145.29 3.98 0.00	201.72 5.65 0.00	140.90 3.79 0.00	76.17 2.16 0.00	68.84 2.05 0.00	61.75 1.82 0.00	61.51 1.78 0.00	60.95 1.79 0.00	64.12 1.72 0.00	85.01 1.85 0.00	117.43 2.56 0.00	173.10 3.23 0.00	151.14 2.69 0.00	95.45 2.10 0.00	117.58 3.02 0.00	90.48 2.61 0.00	117.54 3.92 0.00	124.84 4.64 0.00

NM_CENTRAL___DRP 24181	111.51 -3.57 0.00	87.93 -2.92 0.00	97.78 -3.22 0.00	102.05 -3.52 0.00	95.45 -3.23 0.00	105.41 -3.47 0.00	137.05 -4.27 0.00	190.40 -5.67 0.00	133.35 -3.76 0.00	72.11 -1.90 0.00	64.90 -1.89 0.00	58.12 -1.80 0.00	57.79 -1.94 0.00	57.17 -1.98 0.00	60.27 -2.13 0.00	80.44 -2.71 0.00	111.47 -3.40 0.00	165.50 -4.37 0.00	144.79 -3.66 0.00	90.95 -2.40 0.00	111.35 -3.22 0.00	84.53 -2.70 0.63	110.00 -3.62 0.00	116.35 -3.85 0.00
NM_FRONTIER___DRP 24179	102.98 -12.10 0.00	81.63 -9.21 0.00	91.26 -9.75 0.00	94.83 -10.75 0.00	88.84 -9.84 0.00	97.59 -11.28 0.00	125.54 -15.77 0.00	172.40 -23.67 0.00	121.67 -15.43 0.00	66.69 -7.32 0.00	60.08 -6.71 0.00	53.63 -6.30 0.00	52.93 -6.80 0.00	52.56 -6.59 0.00	55.54 -6.87 0.00	73.41 -9.74 0.00	100.10 -14.77 0.00	148.50 -21.37 0.00	130.62 -17.83 0.00	81.79 -11.56 0.00	99.92 -14.64 0.00	74.20 -11.87 1.79	99.38 -14.24 0.00	107.10 -13.10 0.00
NM_ST_REGIS___HYD 24053	117.94 2.86 0.00	93.84 3.00 0.00	104.55 3.54 0.00	109.64 4.07 0.00	102.33 3.64 0.00	113.13 4.25 0.00	145.67 4.36 0.00	201.34 5.27 0.00	140.51 3.41 0.00	75.70 1.69 0.00	68.78 1.99 0.00	61.72 1.80 0.00	61.60 1.88 0.00	61.02 1.86 0.00	64.44 2.03 0.00	85.29 2.14 0.00	116.79 1.92 0.00	171.78 1.92 0.00	150.14 1.70 0.00	93.50 0.15 0.00	115.13 0.57 0.00	89.07 1.20 0.00	116.49 2.86 0.00	123.47 3.27 0.00
NORTHPORT___1 23551	132.94 7.67 -10.19	109.32 5.40 -13.08	114.30 4.99 -8.31	113.01 4.54 -2.90	103.70 3.88 -1.14	115.45 4.72 -1.85	147.73 6.42 0.00	205.74 9.67 0.00	145.72 8.61 0.00	92.58 5.64 -12.93	70.89 4.10 0.00	63.44 3.51 0.00	63.23 3.50 0.00	62.25 3.09 0.00	65.70 3.30 0.00	87.90 4.75 0.00	122.73 7.86 0.00	201.27 11.66 -19.74	158.21 9.76 0.00	146.73 7.71 -45.68	142.74 9.42 -18.76	151.95 6.77 -57.31	152.50 7.99 -30.88	152.61 8.16 -24.26
NORTHPORT___2 23552	132.94 7.67 -10.19	109.32 5.40 -13.08	114.30 4.99 -8.31	113.01 4.54 -2.90	103.70 3.88 -1.14	115.45 4.72 -1.85	147.73 6.42 0.00	205.74 9.67 0.00	145.72 8.61 0.00	92.58 5.64 -12.93	70.89 4.10 0.00	63.44 3.51 0.00	63.23 3.50 0.00	62.25 3.09 0.00	65.70 3.30 0.00	87.90 4.75 0.00	122.73 7.86 0.00	201.27 11.66 -19.74	158.21 9.76 0.00	146.73 7.71 -45.68	142.74 9.42 -18.76	151.95 6.77 -57.31	152.50 7.99 -30.88	152.61 8.16 -24.26
NORTHPORT___3 23553	131.59 6.38 -10.14	108.20 4.36 -12.99	113.19 3.94 -8.24	111.96 3.50 -2.89	102.79 2.96 -1.15	114.41 3.63 -1.90	146.33 5.02 0.00	203.68 7.61 0.00	144.39 7.28 0.00	91.88 4.94 -12.93	70.50 3.71 0.00	63.07 3.14 0.00	62.84 3.11 0.00	61.96 2.81 0.00	65.31 2.91 0.00	87.36 4.21 0.00	121.90 7.03 0.00	198.13 10.34 -17.93	155.53 8.72 1.64	143.67 7.07 -43.25	140.71 8.41 -17.73	148.84 6.04 -54.93	146.46 7.06 -25.77	139.33 7.33 -11.79
NORTHPORT___4 23650	131.59 6.38 -10.14	108.20 4.36 -12.99	113.19 3.94 -8.24	111.96 3.50 -2.89	102.79 2.96 -1.15	114.41 3.63 -1.90	146.33 5.02 0.00	203.68 7.61 0.00	144.39 7.28 0.00	91.88 4.94 -12.93	70.50 3.71 0.00	63.07 3.14 0.00	62.84 3.11 0.00	61.96 2.81 0.00	65.31 2.91 0.00	87.36 4.21 0.00	121.90 7.03 0.00	198.13 10.34 -17.93	155.53 8.72 1.64	143.67 7.07 -43.25	140.71 8.41 -17.73	148.84 6.04 -54.93	146.46 7.06 -25.77	139.33 7.33 -11.79
NORTHPORT___IC 23718	132.95 7.67 -10.19	109.32 5.40 -13.08	114.31 4.99 -8.31	113.01 4.54 -2.90	103.70 3.88 -1.14	115.45 4.72 -1.85	147.75 6.44 0.00	205.74 9.67 0.00	145.71 8.61 0.00	92.58 5.64 -12.93	70.87 4.09 0.00	63.42 3.50 0.00	63.23 3.50 0.00	62.25 3.10 0.00	65.70 3.30 0.00	87.91 4.75 0.00	122.73 7.86 0.00	201.29 11.68 -19.74	158.22 9.78 0.00	146.74 7.71 -45.68	142.74 9.42 -18.76	151.95 6.77 -57.31	152.50 7.99 -30.88	152.61 8.16 -24.26
NORTH___COUNTRY_ESR 323785	115.19 0.11 0.00	91.62 0.78 0.00	102.23 1.22 0.00	107.42 1.85 0.00	100.58 1.90 0.00	111.06 2.19 0.00	143.54 2.23 0.00	197.64 1.57 0.00	138.07 0.96 0.00	74.49 0.48 0.00	67.64 0.86 0.00	60.61 0.69 0.00	60.46 0.73 0.00	60.03 0.87 0.00	63.47 1.07 0.00	84.53 1.38 0.00	115.65 0.77 0.00	170.39 0.52 0.00	148.95 0.50 0.00	93.24 -0.11 0.00	114.55 -0.01 0.00	88.14 0.28 0.00	114.44 0.81 0.00	121.65 1.45 0.00
NPX_GEN_1385_PROXY 323591	196.58 10.94 -70.56	227.26 7.93 -128.48	116.77 7.44 -8.31	115.24 6.77 -2.90	104.80 4.98 -1.14	116.09 6.32 -0.89	149.61 8.30 0.00	208.73 12.66 0.00	148.29 11.19 0.00	93.87 6.93 -12.93	70.18 3.39 0.00	62.73 2.81 0.00	62.76 3.04 0.00	61.10 1.95 0.00	64.63 2.23 0.00	86.43 3.27 0.00	121.63 6.76 0.00	202.10 12.48 -19.74	157.15 8.70 0.00	146.87 7.85 -45.68	143.72 10.40 -18.76	152.41 7.23 -57.31	152.26 7.75 -30.88	153.57 9.11 -24.26
NPX_GEN_CSC 323557	134.21 8.39 -10.74	110.74 6.04 -13.86	115.68 5.67 -9.00	113.78 5.19 -3.01	104.61 4.71 -1.21	115.79 5.74 -1.18	149.24 7.93 0.00	207.21 11.14 0.00	146.54 9.43 0.00	93.22 6.28 -12.93	71.27 4.48 0.00	63.70 3.78 0.00	63.52 3.79 0.00	62.68 3.52 0.00	66.26 3.86 0.00	89.11 5.95 0.00	124.99 10.12 0.00	224.53 13.84 -40.82	179.12 11.72 -18.95	176.67 9.56 -73.77	156.62 11.48 -30.58	181.20 8.40 -84.94	213.90 10.17 -90.10	299.05 10.24 -168.61
NSINS_S___GLNS_FALLS 23858	201.65 10.15 -76.42	191.02 7.57 -92.61	156.48 8.33 -47.14	138.29 8.40 -24.31	113.80 7.69 -7.43	116.80 7.92 0.00	151.90 10.59 0.00	210.89 14.81 0.00	146.50 9.39 0.00	78.48 4.47 0.00	70.64 3.85 0.00	63.16 3.23 0.00	62.89 3.16 0.00	62.17 3.02 0.00	65.66 3.25 0.00	88.10 4.95 0.00	122.74 7.87 0.00	181.51 11.65 0.00	158.51 10.07 0.00	100.05 6.71 0.00	122.93 8.37 0.00	94.37 6.50 0.00	122.08 8.46 0.00	128.80 8.60 0.00
NUCOR_STEEL___DRP 24197	113.49 -1.59 0.00	89.47 -1.37 0.00	99.15 -1.85 0.00	103.38 -2.19 0.00	96.77 -1.91 0.00	106.95 -1.92 0.00	139.05 -2.26 0.00	193.23 -2.84 0.00	135.71 -1.40 0.00	73.40 -0.61 0.00	66.03 -0.76 0.00	58.85 -1.08 0.00	58.68 -1.05 0.00	57.78 -1.38 0.00	61.16 -1.24 0.00	81.77 -1.39 0.00	113.61 -1.26 0.00	168.14 -1.72 0.00	147.24 -1.21 0.00	92.42 -0.93 0.00	113.02 -1.54 0.00	86.24 -1.55 0.08	111.64 -1.98 0.00	117.80 -2.40 0.00
NUMBER_THREE_WT_PWR 323818	119.41 4.33 0.00	94.62 3.78 0.00	105.25 4.24 0.00	109.77 4.20 0.00	102.95 4.27 0.00	114.39 5.51 0.00	148.75 7.43 0.00	206.95 10.88 0.00	144.45 7.34 0.00	77.66 3.65 0.00	69.94 3.15 0.00	62.73 2.81 0.00	62.21 2.48 0.00	61.38 2.23 0.00	64.56 2.15 0.00	86.11 2.96 0.00	119.63 4.76 0.00	177.90 8.03 0.00	155.44 7.00 0.00	97.05 3.70 0.00	119.05 4.49 0.00	91.45 3.71 0.12	118.34 4.72 0.00	125.22 5.02 0.00
NYISO_LBMP_REFERENCE 24008	115.08 0.00 0.00	90.85 0.00 0.00	101.01 0.00 0.00	105.57 0.00 0.00	98.68 0.00 0.00	108.87 0.00 0.00	141.31 0.00 0.00	196.07 0.00 0.00	137.11 0.00 0.00	74.01 0.00 0.00	66.79 0.00 0.00	59.93 0.00 0.00	59.73 0.00 0.00	59.16 0.00 0.00	62.40 0.00 0.00	83.15 0.00 0.00	114.87 0.00 0.00	169.87 0.00 0.00	148.45 0.00 0.00	93.35 0.00 0.00	114.56 0.00 0.00	87.87 0.00 0.00	113.62 0.00 0.00	120.20 0.00 0.00

NYPA_BRENTWD____GT 24164	135.14	111.81	116.72	114.21	104.86	117.01	149.01	207.51	147.03	93.40	71.66	64.03	63.79	62.86	66.39	88.98	124.40	207.15	163.35	153.81	146.42	158.74	166.56	184.72
	8.65	6.13	5.85	5.49	4.88	5.64	7.69	11.43	9.92	6.46	4.87	4.10	4.06	3.70	3.99	5.82	9.53	13.08	10.89	8.83	10.59	7.71	9.51	9.68
	-11.41	-14.83	-9.86	-3.15	-1.30	-2.50	0.00	0.00	0.00	-12.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-24.21	-4.02	-51.63	-21.26	-63.17	-43.43	-54.84
NYPA_GOWANUS____GT5 24156	127.65	103.07	108.98	111.24	102.41	112.40	146.60	204.29	144.40	79.26	128.29	63.62	74.90	68.72	65.89	87.87	209.17	190.19	254.69	133.52	134.03	93.13	119.68	125.97
	5.44	3.58	3.57	3.40	3.03	3.52	5.29	8.22	7.30	4.34	4.01	3.69	3.73	3.64	3.49	4.72	6.82	10.60	9.18	6.18	7.30	5.26	6.06	5.77
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	-0.92	-57.48	0.00	-11.44	-5.92	0.00	0.00	-87.48	-9.72	-97.07	-34.00	-12.16	0.00	0.00	0.00
NYPA_GOWANUS____GT6 24157	127.65	103.07	108.98	111.24	102.41	112.40	146.60	204.29	144.40	79.26	128.29	63.62	74.90	68.72	65.89	87.87	209.17	190.19	254.69	133.52	134.03	93.13	119.68	125.97
	5.44	3.58	3.57	3.40	3.03	3.52	5.29	8.22	7.30	4.34	4.01	3.69	3.73	3.64	3.49	4.72	6.82	10.60	9.18	6.18	7.30	5.26	6.06	5.77
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	-0.92	-57.48	0.00	-11.44	-5.92	0.00	0.00	-87.48	-9.72	-97.07	-34.00	-12.16	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	127.24	102.76	108.60	110.70	101.93	112.00	145.92	203.38	143.42	77.75	70.53	63.33	63.07	62.40	65.38	87.23	120.80	179.29	156.55	98.93	121.12	92.45	119.02	125.28
	5.02	3.27	3.19	2.86	2.56	3.12	4.61	7.31	6.31	3.74	3.74	3.41	3.34	3.24	2.98	4.08	5.92	9.42	8.10	5.59	6.55	4.59	5.40	5.08
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	127.24	102.76	108.60	110.70	101.93	112.00	145.92	203.38	143.42	77.75	70.53	63.33	63.07	62.40	65.38	87.23	120.80	179.29	156.55	98.93	121.12	92.45	119.02	125.28
	5.02	3.27	3.19	2.86	2.56	3.12	4.61	7.31	6.31	3.74	3.74	3.41	3.34	3.24	2.98	4.08	5.92	9.42	8.10	5.59	6.55	4.59	5.40	5.08
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	127.46	102.95	108.82	111.07	102.27	112.19	146.36	204.11	144.16	78.77	73.42	63.56	70.31	66.33	65.83	87.80	124.81	185.38	215.96	119.20	124.06	92.93	119.46	125.76
	5.25	3.46	3.41	3.23	2.90	3.32	5.05	8.04	7.05	4.20	3.94	3.63	3.67	3.59	3.43	4.64	6.72	10.42	8.92	6.03	7.11	5.07	5.84	5.56
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	-0.56	-2.69	0.00	-6.91	-3.58	0.00	0.00	-3.22	-5.09	-58.59	-19.82	-2.39	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	127.22	102.75	108.62	110.90	102.06	112.04	146.08	202.70	143.84	76.57	57.65	61.69	57.37	59.00	-77.48	-32.53	98.53	182.36	254.01	131.77	124.30	92.84	119.27	125.57
	5.00	3.26	3.21	3.05	2.69	3.17	4.77	7.19	6.74	4.03	3.65	3.36	3.40	3.33	3.13	4.27	6.21	9.68	8.50	5.73	6.81	4.98	5.64	5.37
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.56	0.00	1.46	12.79	1.59	5.76	3.48	143.02	119.96	22.55	-2.80	-97.07	-32.69	-2.93	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	127.39	102.94	108.80	111.05	102.24	112.13	146.24	204.15	144.04	78.33	72.00	63.56	65.78	63.99	65.85	87.82	123.21	182.05	177.42	106.16	122.45	92.82	119.38	125.65
	5.17	3.45	3.39	3.21	2.86	3.25	4.93	8.07	6.94	4.14	3.95	3.64	3.68	3.60	3.45	4.66	6.72	10.42	8.86	6.00	7.02	4.95	5.75	5.45
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	-0.19	-1.26	0.00	-2.37	-1.23	0.00	0.00	-1.62	-1.76	-20.12	-6.81	-0.87	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	127.39	102.94	108.80	111.05	102.24	112.13	146.24	204.15	144.04	78.33	72.00	63.56	65.78	63.99	65.85	87.82	123.21	182.05	177.42	106.16	122.45	92.82	119.38	125.65
	5.17	3.45	3.39	3.21	2.86	3.25	4.93	8.07	6.94	4.14	3.95	3.64	3.68	3.60	3.45	4.66	6.72	10.42	8.86	6.00	7.02	4.95	5.75	5.45
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	-0.19	-1.26	0.00	-2.37	-1.23	0.00	0.00	-1.62	-1.76	-20.12	-6.81	-0.87	0.00	0.00	0.00
NYPA__ASTORIA_CC1 323568	127.18	102.77	108.61	110.84	102.06	111.94	145.97	203.77	143.77	77.99	70.63	63.48	63.31	62.68	65.74	87.68	121.42	180.03	157.05	99.19	121.40	92.68	119.22	125.48
	4.96	3.28	3.20	3.00	2.69	3.06	4.66	7.70	6.67	3.98	3.84	3.55	3.58	3.52	3.34	4.52	6.55	10.16	8.60	5.84	6.84	4.82	5.60	5.28
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC2 323569	127.18	102.77	108.61	110.84	102.06	111.94	145.97	203.77	143.77	77.99	70.63	63.48	63.31	62.68	65.74	87.68	121.42	180.03	157.05	99.19	121.40	92.68	119.22	125.48
	4.96	3.28	3.20	3.00	2.69	3.06	4.66	7.70	6.67	3.98	3.84	3.55	3.58	3.52	3.34	4.52	6.55	10.16	8.60	5.84	6.84	4.82	5.60	5.28
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HOLTSVILL 23794	133.47	110.07	115.02	113.21	104.05	116.02	148.30	206.09	145.80	92.73	71.02	63.49	63.26	62.39	65.89	88.45	123.74	222.58	177.52	174.93	155.07	179.55	211.33	294.62
	7.70	5.44	5.07	4.64	4.16	5.03	6.99	10.02	8.69	5.80	4.23	3.57	3.53	3.23	3.49	5.29	8.86	12.38	10.57	8.47	10.20	7.39	8.99	9.17
	-10.69	-13.79	-8.94	-3.00	-1.21	-2.11	0.00	0.00	0.00	-12.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-40.33	-18.51	-73.11	-30.31	-84.29	-88.72	-165.26
NYPA__HELLGATE_GT1 24158	127.24	102.76	108.60	110.70	101.93	112.00	145.96	203.51	143.52	77.78	70.53	63.33	63.07	62.40	65.33	87.18	120.80	179.29	156.55	98.93	121.12	92.45	119.02	125.28
	5.02	3.27	3.19	2.86	2.56	3.12	4.65	7.44	6.41	3.78	3.74	3.41	3.34	3.24	2.93	4.03	5.92	9.42	8.10	5.59	6.55	4.59	5.40	5.08
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HELLGATE_GT2 24159	127.24	102.76	108.60	110.70	101.93	112.00	145.96	203.51	143.52	77.78	70.53	63.33	63.07	62.40	65.33	87.18	120.80	179.29	156.55	98.93	121.12	92.45	119.02	125.28
	5.02	3.27	3.19	2.86	2.56	3.12	4.65	7.44	6.41	3.78	3.74	3.41	3.34	3.24	2.93	4.03	5.92	9.42	8.10	5.59	6.55	4.59	5.40	5.08
	-7.14	-8.65	-4.40	-2.27	-0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE__HYD 23848	104.84	83.04	92.77	96.42	90.36	99.29	127.63	175.38	123.79	67.80	61.04	54.46	53.73	53.39	56.41	74.60	101.86	151.36	133.11	83.37	101.59	75.53	101.23	109.02
	-10.24	-7.81	-8.23	-9.16	-8.32	-9.59	-13.68	-20.69	-13.32	-6.21	-5.75	-5.46	-6.00	-5.76	-5.99	-8.56	-13.01	-18.53	-15.38	-9.98	-12.97	-10.63	-12.39	-11.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.05	-0.01	0.00	1.71	0.00	0.00

OAK ORCHARD___HYD 24046	109.42 -5.66 0.00	86.41 -4.43 0.00	96.33 -4.68 0.00	100.30 -5.28 0.00	93.85 -4.83 0.00	103.48 -5.39 0.00	134.20 -7.11 0.00	185.69 -10.38 0.00	130.55 -6.55 0.00	71.05 -2.96 0.00	63.95 -2.84 0.00	57.15 -2.78 0.00	56.64 -3.09 0.00	56.15 -3.00 0.00	59.29 -3.12 0.00	78.79 -4.37 0.00	108.38 -6.49 0.00	160.93 -8.94 0.00	141.30 -7.15 0.00	88.55 -4.80 0.00	108.24 -6.32 0.00	80.88 -5.43 1.56	107.03 -6.59 0.00	114.04 -6.16 0.00
OAKDALE___35_KV_LOAD 356122	117.21 -1.29 -3.42	93.83 -1.15 -4.14	101.78 -1.34 -2.11	105.10 -1.56 -1.09	97.58 -1.43 -0.33	107.26 -1.61 0.00	139.26 -2.05 0.00	193.62 -2.45 0.00	135.68 -1.43 0.00	73.48 -0.53 0.00	66.14 -0.65 0.00	59.28 -0.64 0.00	58.98 -0.74 0.00	58.37 -0.79 0.00	61.50 -0.91 0.00	82.11 -1.05 0.00	113.59 -1.28 0.00	168.47 -1.40 0.00	147.43 -1.01 0.00	92.57 -0.77 0.00	113.30 -1.27 0.00	85.83 -1.06 0.97	112.01 -1.61 0.00	118.41 -1.79 0.00
OCC_CHEM___DRP 24175	103.15 -11.93 0.00	81.75 -9.09 0.00	91.39 -9.61 0.00	95.00 -10.57 0.00	88.98 -9.71 0.00	97.74 -11.14 0.00	125.78 -15.54 0.00	172.67 -23.40 0.00	121.87 -15.24 0.00	66.79 -7.21 0.00	60.20 -6.59 0.00	53.72 -6.21 0.00	53.01 -6.72 0.00	52.64 -6.51 0.00	55.62 -6.78 0.00	73.55 -9.61 0.00	100.27 -14.60 0.00	148.75 -21.12 0.00	130.84 -17.61 0.00	81.92 -11.43 0.00	100.08 -14.48 0.00	74.32 -11.75 1.79	99.53 -14.09 0.00	107.26 -12.94 0.00
OH_GEN_PROXY 24063	104.48 -10.60 0.00	5.58 -8.13 77.13	92.44 -8.57 0.00	96.08 -9.49 0.00	89.97 -8.71 0.00	23.58 -10.02 75.28	127.34 -13.97 0.00	175.13 -20.94 0.00	123.47 -13.63 0.00	67.59 -6.41 0.00	60.83 -5.95 0.00	54.34 -5.58 0.00	53.74 -5.99 0.00	53.37 -5.79 0.00	56.39 -6.02 0.00	74.59 -8.56 0.00	101.92 -12.95 0.00	151.12 -18.74 0.01	132.87 -15.57 0.01	83.19 -10.16 0.00	101.64 -12.93 0.00	75.49 -10.59 1.78	100.97 -12.65 0.00	108.59 -11.61 0.00
OLIN_CORP_DRP 24177	103.74 -11.34 0.00	82.25 -8.59 0.00	91.95 -9.06 0.00	95.55 -10.03 0.00	89.54 -9.15 0.00	98.35 -10.53 0.00	126.12 -15.19 0.00	172.96 -23.10 0.00	122.06 -15.04 0.00	66.93 -7.07 0.00	60.34 -6.45 0.00	53.85 -6.07 0.00	53.05 -6.68 0.00	52.72 -6.43 0.00	55.67 -6.74 0.00	73.59 -9.56 0.00	100.39 -14.48 0.00	148.96 -20.91 -0.01	130.94 -17.52 -0.01	82.08 -11.27 0.00	100.14 -14.42 0.00	74.37 -11.71 1.79	100.06 -13.56 0.00	107.94 -12.26 0.00
OLIN_CORP_DSASP 323712	103.22 -11.86 0.00	81.77 -9.07 0.00	91.39 -9.61 0.00	95.00 -10.57 0.00	88.98 -9.70 0.00	97.74 -11.13 0.00	125.79 -15.52 0.00	172.67 -23.40 0.00	121.88 -15.22 0.00	66.79 -7.22 0.00	60.13 -6.66 0.00	53.67 -6.25 0.00	53.01 -6.72 0.00	52.64 -6.52 0.00	55.62 -6.78 0.00	73.54 -9.61 0.00	100.27 -14.60 0.00	148.74 -21.13 0.00	130.90 -17.55 0.00	81.93 -11.41 0.00	100.08 -14.48 0.00	74.30 -11.77 1.79	99.51 -14.11 0.00	107.27 -12.94 0.00
ONEIDA_HERK_LFGE 323681	119.02 3.94 0.00	94.01 3.16 0.00	104.54 3.53 0.00	109.22 3.64 0.00	102.23 3.54 0.00	113.10 4.23 0.00	147.13 5.81 0.00	204.64 8.57 0.00	142.98 5.87 0.00	76.97 2.97 0.00	69.29 2.50 0.00	62.09 2.17 0.00	61.69 1.96 0.00	60.98 1.83 0.00	64.21 1.80 0.00	85.68 2.52 0.00	118.97 4.11 0.00	176.73 6.86 0.00	154.45 6.01 0.00	96.88 3.53 0.00	118.84 4.28 0.00	91.20 3.49 0.16	118.02 4.40 0.00	124.69 4.49 0.00
ONEIDA___115KV_TB4 55905	118.13 3.06 0.00	93.15 2.30 0.00	103.63 2.63 0.00	108.42 2.85 0.00	101.35 2.67 0.00	111.62 2.74 0.00	144.98 3.67 0.00	201.71 5.65 0.00	140.95 3.85 0.00	75.76 1.76 0.00	68.02 1.23 0.00	60.88 0.96 0.00	60.55 0.82 0.00	59.83 0.67 0.00	63.01 0.61 0.00	84.16 1.01 0.00	117.19 2.32 0.00	174.40 4.54 0.00	152.50 4.06 0.00	95.84 2.49 0.00	117.54 2.97 0.00	90.40 2.86 0.33	117.08 3.46 0.00	123.58 3.39 0.00
ONONDAGA_REF_OCCRA 23987	112.44 -2.64 0.00	88.66 -2.19 0.00	98.59 -2.41 0.00	102.88 -2.69 0.00	96.23 -2.45 0.00	106.29 -2.58 0.00	138.22 -3.09 0.00	192.13 -3.95 0.00	134.49 -2.61 0.00	72.71 -1.29 0.00	65.43 -1.36 0.00	58.58 -1.35 0.00	58.24 -1.49 0.00	57.59 -1.56 0.00	60.73 -1.67 0.00	81.07 -2.08 0.00	112.55 -2.32 0.00	167.21 -2.66 0.00	146.35 -2.10 0.00	91.88 -1.47 0.00	112.45 -2.11 0.00	85.64 -1.91 0.31	110.93 -2.69 0.00	117.31 -2.89 0.00
ONONDAGA___COGEN 23986	111.66 -3.42 0.00	88.04 -2.80 0.00	97.87 -3.14 0.00	102.13 -3.44 0.00	95.52 -3.17 0.00	105.51 -3.37 0.00	137.19 -4.13 0.00	190.71 -5.36 0.00	133.49 -3.61 0.00	72.19 -1.82 0.00	64.95 -1.84 0.00	58.13 -1.80 0.00	57.82 -1.91 0.00	57.18 -1.98 0.00	60.32 -2.08 0.00	80.55 -2.61 0.00	112.29 -2.58 0.00	166.91 -2.96 0.00	146.03 -2.42 0.00	91.57 -1.78 0.00	111.89 -2.67 0.00	84.94 -2.58 0.35	110.07 -3.55 0.00	116.37 -3.82 0.00
ONTARIO___LFGE 23819	114.86 -1.95 -1.73	91.57 -1.37 -2.09	100.37 -1.70 -1.07	104.18 -1.94 -0.55	97.97 -0.87 -0.17	107.92 -0.96 0.00	139.61 -1.70 0.00	194.24 -1.83 0.00	136.48 -0.62 0.00	74.61 0.61 0.00	67.07 0.28 0.00	59.78 -0.14 0.00	59.35 -0.37 0.00	58.67 -0.49 0.00	61.68 -0.72 0.00	82.48 -0.68 0.00	113.99 -0.88 0.00	168.64 -1.23 0.00	148.28 -0.17 0.00	93.28 -0.07 0.00	113.03 -1.53 0.00	84.84 -0.75 2.28	111.58 -2.04 0.00	117.92 -2.28 0.00
ORANGEVILLE_WT_PWR 323706	109.86 -7.02 -1.80	87.83 -5.20 -2.18	96.57 -5.55 -1.11	99.89 -6.26 -0.57	93.33 -5.53 -0.17	102.46 -6.42 0.00	132.38 -8.93 0.00	182.78 -13.29 0.00	128.55 -8.55 0.00	70.14 -3.86 0.00	63.02 -3.77 0.00	56.25 -3.67 0.00	55.74 -3.99 0.00	55.51 -3.65 0.00	58.52 -3.88 0.00	77.57 -5.58 0.00	106.84 -8.03 0.00	158.98 -10.89 0.00	139.49 -8.95 0.00	87.07 -6.28 0.00	105.43 -9.13 0.00	78.01 -7.75 2.11	103.95 -9.67 0.00	111.00 -9.20 0.00
ORANGEVILLE___ESR 323794	109.86 -7.02 -1.80	87.83 -5.20 -2.18	96.57 -5.55 -1.11	99.89 -6.26 -0.57	93.33 -5.53 -0.17	102.46 -6.42 0.00	132.38 -8.93 0.00	182.78 -13.29 0.00	128.55 -8.55 0.00	70.14 -3.86 0.00	63.02 -3.77 0.00	56.25 -3.67 0.00	55.74 -3.99 0.00	55.51 -3.65 0.00	58.52 -3.88 0.00	77.57 -5.58 0.00	106.84 -8.03 0.00	158.98 -10.89 0.00	139.49 -8.95 0.00	87.07 -6.28 0.00	105.43 -9.13 0.00	78.01 -7.75 2.11	103.95 -9.67 0.00	111.00 -9.20 0.00
OSWEGATCHIE___HYD 24044	118.42 3.34 0.00	93.98 3.13 0.00	104.60 3.59 0.00	109.40 3.83 0.00	102.28 3.60 0.00	113.40 4.53 0.00	146.65 5.34 0.00	203.40 7.32 0.00	141.88 4.78 0.00	76.32 2.32 0.00	69.03 2.24 0.00	62.01 2.08 0.00	61.72 1.98 0.00	61.00 1.85 0.00	64.26 1.85 0.00	85.16 2.00 0.00	117.44 2.57 0.00	173.80 3.93 0.00	151.87 3.42 0.00	94.67 1.32 0.00	116.37 1.81 0.00	89.84 1.98 0.00	116.99 3.37 0.00	123.93 3.73 0.00
OSWEGO___5 23606	110.63 -4.45 0.00	87.24 -3.60 0.00	97.03 -3.98 0.00	101.30 -4.28 0.00	94.73 -3.95 0.00	104.56 -4.32 0.00	135.84 -5.47 0.00	188.61 -7.46 0.00	132.07 -5.04 0.00	71.40 -2.60 0.00	64.33 -2.47 0.00	57.62 -2.30 0.00	57.33 -2.40 0.00	56.75 -2.41 0.00	59.83 -2.57 0.00	79.78 -3.37 0.00	110.44 -4.43 0.00	163.70 -6.16 0.00	143.25 -5.20 0.00	90.00 -3.35 0.00	110.24 -4.32 0.00	86.04 -3.49 -1.66	109.05 -4.58 0.00	115.42 -4.78 0.00

OSWEGO___6 23613	110.63 -4.45 0.00	87.24 -3.60 0.00	97.03 -3.98 0.00	101.30 -4.28 0.00	94.73 -3.95 0.00	104.56 -4.32 0.00	135.84 -5.47 0.00	188.61 -7.46 0.00	132.07 -5.04 0.00	71.40 -2.60 0.00	64.33 -2.47 0.00	57.62 -2.30 0.00	57.33 -2.40 0.00	56.75 -2.41 0.00	59.83 -2.57 0.00	79.78 -3.37 0.00	110.44 -4.43 0.00	163.70 -6.16 0.00	143.25 -5.20 0.00	90.00 -3.35 0.00	110.24 -4.32 0.00	86.04 -3.49 -1.66	109.05 -4.58 0.00	115.42 -4.78 0.00
OUTOKUMPU-AB___DRP 24206	105.63 -9.45 0.00	83.60 -7.24 0.00	93.37 -7.63 0.00	97.02 -8.55 0.00	90.93 -7.76 0.00	99.91 -8.96 0.00	128.76 -12.55 0.00	177.08 -18.99 0.00	125.03 -12.08 0.00	68.47 -5.54 0.00	61.69 -5.10 0.00	55.04 -4.89 0.00	54.31 -5.42 0.00	54.07 -5.08 0.00	57.13 -5.28 0.00	75.57 -7.59 0.00	103.15 -11.72 0.00	153.34 -16.54 -0.01	134.73 -13.73 -0.02	84.37 -8.98 0.00	102.69 -11.88 0.00	76.21 -9.86 1.79	101.90 -11.72 0.00	109.62 -10.58 0.00
OXBOW___BTM 323836	104.20 -10.88 0.00	82.50 -8.34 0.00	92.17 -8.84 0.00	95.76 -9.82 0.00	89.72 -8.96 0.00	98.59 -10.28 0.00	126.99 -14.32 0.00	174.52 -21.55 0.00	123.22 -13.89 0.00	67.50 -6.51 0.00	60.76 -6.03 0.00	54.23 -5.70 0.00	53.54 -6.19 0.00	53.24 -5.91 0.00	56.26 -6.14 0.00	74.40 -8.76 0.00	101.52 -13.35 0.00	150.73 -19.14 0.00	132.62 -15.83 -0.01	83.00 -10.34 0.00	101.21 -13.35 0.00	75.09 -10.98 1.79	100.49 -13.13 0.00	108.23 -11.97 0.00
OXBOW____ 24026	104.12 -10.96 0.00	82.47 -8.37 0.00	92.16 -8.85 0.00	95.76 -9.82 0.00	89.73 -8.95 0.00	98.59 -10.28 0.00	126.97 -14.34 0.00	174.53 -21.54 0.00	123.21 -13.89 0.00	67.50 -6.51 0.00	60.81 -5.98 0.00	54.27 -5.65 0.00	53.56 -6.17 0.00	53.25 -5.90 0.00	56.26 -6.15 0.00	74.42 -8.74 0.00	101.53 -13.34 0.00	150.75 -19.12 0.00	132.54 -15.91 -0.01	83.00 -10.35 0.00	101.21 -13.35 0.00	75.12 -10.96 1.79	100.51 -13.11 0.00	108.21 -11.98 0.00
OXY_CHEM_DSASP 323612	103.15 -11.93 0.00	81.75 -9.09 0.00	91.39 -9.61 0.00	95.00 -10.57 0.00	88.98 -9.71 0.00	97.74 -11.14 0.00	125.78 -15.54 0.00	172.67 -23.40 0.00	121.87 -15.24 0.00	66.79 -7.21 0.00	60.20 -6.59 0.00	53.72 -6.21 0.00	53.01 -6.72 0.00	52.64 -6.51 0.00	55.62 -6.78 0.00	73.55 -9.61 0.00	100.27 -14.60 0.00	148.75 -21.12 0.00	130.84 -17.61 0.00	81.92 -11.43 0.00	100.08 -14.48 0.00	74.32 -11.75 1.79	99.53 -14.09 0.00	107.26 -12.94 0.00
OZONE_PARK_ESR 323760	128.40 6.18 -7.14	103.70 4.20 -8.65	109.59 4.18 -4.40	111.90 4.06 -2.27	103.07 3.70 -0.69	113.05 4.18 0.00	147.53 6.22 0.00	206.15 10.08 0.00	145.28 8.17 0.00	78.77 4.76 0.00	71.27 4.48 0.00	63.97 4.05 0.00	63.76 4.03 0.00	63.11 3.96 0.00	66.27 3.87 0.00	88.37 5.22 0.00	122.39 7.52 0.00	181.46 11.59 0.00	158.40 9.96 0.00	100.05 6.70 0.00	122.53 7.97 0.00	93.58 5.71 0.00	120.37 6.75 0.00	126.65 6.45 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	103.15 -11.93 0.00	81.75 -9.09 0.00	91.39 -9.61 0.00	95.00 -10.57 0.00	88.98 -9.71 0.00	97.74 -11.14 0.00	125.78 -15.54 0.00	172.67 -23.40 0.00	121.87 -15.24 0.00	66.79 -7.21 0.00	60.20 -6.59 0.00	53.72 -6.21 0.00	53.01 -6.72 0.00	52.64 -6.51 0.00	55.62 -6.78 0.00	73.55 -9.61 0.00	100.27 -14.60 0.00	148.75 -21.12 0.00	130.84 -17.61 0.00	81.92 -11.43 0.00	100.08 -14.48 0.00	74.32 -11.75 1.79	99.53 -14.09 0.00	107.26 -12.94 0.00
PACKARD__115KV_DUPONT_184 80571	103.15 -11.93 0.00	81.75 -9.09 0.00	91.39 -9.61 0.00	95.00 -10.57 0.00	88.98 -9.71 0.00	97.74 -11.14 0.00	125.78 -15.54 0.00	172.67 -23.40 0.00	121.87 -15.24 0.00	66.79 -7.21 0.00	60.20 -6.59 0.00	53.72 -6.21 0.00	53.01 -6.72 0.00	52.64 -6.51 0.00	55.62 -6.78 0.00	73.55 -9.61 0.00	100.27 -14.60 0.00	148.75 -21.12 0.00	130.84 -17.61 0.00	81.92 -11.43 0.00	100.08 -14.48 0.00	74.32 -11.75 1.79	99.53 -14.09 0.00	107.26 -12.94 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	127.03 4.82 -7.14	102.60 3.11 -8.65	108.46 3.05 -4.40	110.63 2.79 -2.27	101.87 2.49 -0.69	111.89 3.01 0.00	145.83 4.52 0.00	203.44 7.37 0.00	143.47 6.37 0.00	77.77 3.77 0.00	70.42 3.63 0.00	63.29 3.36 0.00	63.06 3.33 0.00	62.43 3.28 0.00	65.47 3.07 0.00	87.36 4.21 0.00	120.99 6.11 0.00	179.51 9.65 0.00	156.42 7.98 0.00	98.80 5.45 0.00	120.94 6.38 0.00	92.34 4.48 0.00	118.89 5.27 0.00	125.11 4.91 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	127.45 5.23 -7.14	102.94 3.45 -8.65	108.89 3.48 -4.40	111.14 3.29 -2.27	102.40 3.02 -0.69	112.56 3.69 0.00	146.75 5.44 0.00	204.61 8.54 0.00	144.30 7.20 0.00	78.15 4.15 0.00	70.75 3.96 0.00	63.53 3.61 0.00	63.20 3.47 0.00	62.62 3.46 0.00	65.63 3.22 0.00	87.61 4.46 0.00	121.35 6.47 0.00	180.11 10.24 0.00	157.07 8.62 0.00	98.89 5.54 0.00	121.05 6.49 0.00	92.43 4.56 0.00	119.11 5.49 0.00	125.27 5.07 0.00
PATROON__115KV_TB1 80586	167.97 4.44 -48.45	152.83 3.27 -58.72	134.53 3.63 -29.89	124.64 3.65 -15.41	106.67 3.28 -4.71	111.93 3.06 0.00	145.48 4.17 0.00	201.93 5.86 0.00	141.10 4.00 0.00	76.25 2.25 0.00	68.91 2.12 0.00	61.82 1.90 0.00	61.57 1.85 0.00	61.00 1.85 0.00	64.19 1.79 0.00	85.08 1.93 0.00	117.60 2.73 0.00	173.45 3.58 0.00	151.46 3.01 0.00	95.58 2.24 0.00	117.72 3.15 0.00	90.53 2.67 0.00	117.68 4.05 0.00	125.04 4.84 0.00
PATTRSNVILLE__SOLAR 323815	201.47 4.99 -81.40	193.17 3.67 -98.66	155.33 4.10 -50.22	135.66 4.19 -25.90	110.49 3.90 -7.91	113.21 4.33 0.00	147.32 6.01 0.00	204.57 8.50 0.00	142.20 5.10 0.00	76.08 2.07 0.00	68.41 1.62 0.00	61.22 1.30 0.00	60.94 1.21 0.00	60.38 1.22 0.00	63.69 1.29 0.00	85.42 2.27 0.00	119.30 4.43 0.00	177.37 7.50 0.00	155.05 6.60 0.00	97.73 4.38 0.00	119.86 5.30 0.00	91.92 4.05 0.00	118.71 5.09 0.00	125.37 5.17 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	108.68 -6.40 0.00	85.99 -4.85 0.00	96.01 -5.00 0.00	99.83 -5.74 0.00	93.53 -5.15 0.00	102.75 -6.12 0.00	132.65 -8.66 0.00	182.98 -13.09 0.00	128.90 -8.21 0.00	70.51 -3.49 0.00	63.53 -3.26 0.00	56.79 -3.13 0.00	56.28 -3.45 0.00	56.06 -3.10 0.00	59.23 -3.17 0.00	78.40 -4.76 0.00	107.36 -7.52 0.00	159.41 -10.46 0.00	139.81 -8.64 0.00	87.58 -5.77 0.00	106.21 -8.35 0.00	78.95 -7.03 1.88	105.25 -8.37 0.00	112.79 -7.40 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	128.97 6.54 -7.35	104.28 4.53 -8.91	110.30 4.76 -4.54	112.62 4.71 -2.34	103.73 4.33 -0.71	113.84 4.96 0.00	148.48 7.17 0.00	207.05 10.98 0.00	145.41 8.31 0.00	78.62 4.61 0.00	70.90 4.11 0.00	63.61 3.69 0.00	63.37 3.64 0.00	62.73 3.57 0.00	66.02 3.61 0.00	88.14 4.98 0.00	122.15 7.28 0.00	181.08 11.21 0.00	158.32 9.87 0.00	100.05 6.70 0.00	122.54 7.97 0.00	93.70 5.84 0.00	120.60 6.97 0.00	127.01 6.81 0.00
PEEKSKILL____ 23653	126.70 4.56 -7.06	102.37 2.97 -8.56	108.33 2.97 -4.36	110.62 2.81 -2.25	101.90 2.54 -0.69	111.75 2.87 0.00	145.59 4.28 0.00	202.94 6.87 0.00	142.75 5.64 0.00	77.38 3.37 0.00	69.86 3.07 0.00	62.69 2.77 0.00	62.46 2.73 0.00	61.80 2.65 0.00	65.01 2.61 0.00	86.70 3.54 0.00	120.07 5.20 0.00	177.88 8.01 0.00	155.33 6.89 0.00	98.18 4.83 0.00	120.28 5.72 0.00	91.97 4.11 0.00	118.42 4.80 0.00	124.74 4.54 0.00

PGE MADISON___WINDPWR 24146	128.69 8.71 -4.90	103.74 6.96 -5.94	111.91 7.88 -3.02	115.55 8.42 -1.56	107.72 8.56 -0.48	119.32 10.44 0.00	156.40 15.09 0.00	218.82 22.75 0.00	152.77 15.66 0.00	81.89 7.88 0.00	72.84 6.05 0.00	64.38 4.46 0.00	63.70 3.98 0.00	63.08 3.92 0.00	66.40 3.99 0.00	89.50 6.34 0.00	126.33 11.45 0.00	189.80 19.93 0.00	166.68 18.23 0.00	104.56 11.21 0.00	127.84 13.28 0.00	98.34 9.50 -0.97	124.54 10.92 0.00	129.85 9.65 0.00
PIERCEFIELD___HYD 23852	117.85 2.77 0.00	93.72 2.87 0.00	104.35 3.34 0.00	109.36 3.78 0.00	102.00 3.31 0.00	112.76 3.89 0.00	145.04 3.73 0.00	200.57 4.50 0.00	139.90 2.80 0.00	75.33 1.32 0.00	68.45 1.66 0.00	61.48 1.56 0.00	61.37 1.64 0.00	60.79 1.63 0.00	64.19 1.78 0.00	84.83 1.68 0.00	116.15 1.28 0.00	170.72 0.86 0.00	149.15 0.71 0.00	92.76 -0.59 0.00	114.23 -0.33 0.00	88.54 0.68 0.00	116.04 2.42 0.00	122.92 2.72 0.00
PINELAWN_CC_1 323563	137.42 7.61 -14.72	115.76 5.29 -19.63	120.17 5.07 -14.09	114.10 4.70 -3.83	104.62 4.21 -1.73	118.20 5.05 -4.27	148.38 7.07 0.00	206.68 10.61 0.00	146.12 9.01 0.00	92.71 5.78 -12.93	71.23 4.44 0.00	63.62 3.70 0.00	63.33 3.60 0.00	62.47 3.31 0.00	65.93 3.53 0.00	88.26 5.11 0.00	123.29 8.42 0.00	203.64 12.59 -21.18	160.49 10.76 -1.29	149.08 8.14 -47.58	143.87 9.74 -19.56	154.09 7.04 -59.19	156.93 8.40 -34.90	162.68 8.42 -34.06
PJM_GEN_HTP_PROXY 323702	127.33 5.11 -7.13	102.86 3.37 -8.65	108.71 3.30 -4.40	110.99 3.15 -2.27	102.22 2.85 -0.69	112.06 3.19 0.00	146.13 4.81 0.00	203.93 7.85 0.00	141.28 6.60 2.43	77.94 3.93 0.00	70.47 3.68 0.00	63.28 3.35 0.00	63.09 3.36 0.00	62.43 3.28 0.00	65.58 3.17 0.00	87.44 4.29 0.00	121.07 6.20 0.00	179.37 9.50 0.00	156.54 8.10 0.00	98.90 5.55 0.00	121.14 6.58 0.00	92.55 4.69 0.00	119.09 5.46 0.00	125.41 5.21 0.00
PJM_GEN_KEystone 24065	45.99 -1.72 67.37	33.53 -1.79 55.52	39.35 -2.08 59.57	76.13 -2.51 26.93	96.78 -2.35 -0.45	69.62 -2.86 36.40	71.54 -3.79 65.98	106.82 -5.08 84.17	107.17 -2.80 27.14	54.16 -1.00 18.85	44.08 -0.93 21.78	47.61 -0.75 11.56	57.35 -0.83 1.56	36.59 -0.81 21.75	33.05 -0.93 28.43	81.43 -1.41 0.32	92.62 -2.19 20.06	86.23 -2.88 80.76	51.94 -2.43 94.07	2.71 -1.45 89.19	27.57 -2.14 84.85	85.06 -1.87 0.93	73.41 -2.42 37.79	77.28 -2.43 40.49
PJM_GEN_NEPTUNE_PROXY 323594	128.19 5.97 -7.13	103.53 4.04 -8.65	109.18 3.77 -4.40	111.33 3.49 -2.27	102.62 3.07 -0.86	113.25 3.70 -0.68	146.44 5.12 0.00	203.90 7.82 0.00	141.61 6.93 2.43	85.75 4.50 -7.25	70.45 3.66 0.00	63.12 3.19 0.00	62.84 3.11 0.00	62.04 2.89 0.00	65.35 2.95 0.00	87.25 4.10 0.00	121.39 6.52 0.00	194.82 9.82 -15.14	156.83 8.38 0.00	124.32 6.40 -24.57	132.19 7.65 -9.98	123.87 5.52 -30.48	136.54 6.50 -16.42	139.46 6.40 -12.86
PJM_GEN_VFT_PROXY 323633	126.41 4.19 -7.14	102.11 2.61 -8.65	107.88 2.47 -4.40	110.15 2.30 -2.27	101.40 2.03 -0.69	111.16 2.29 0.00	144.95 3.64 0.00	199.79 6.26 2.54	140.29 5.62 2.43	72.53 3.36 4.83	53.18 3.15 16.75	61.02 2.89 1.80	44.86 2.93 17.80	52.29 2.84 9.70	64.54 2.69 0.56	82.21 3.68 4.62	107.96 5.38 12.29	155.42 8.36 22.80	154.81 7.15 0.78	98.28 4.94 0.00	120.39 5.83 0.00	91.95 4.09 0.00	118.31 4.69 0.00	124.57 4.37 0.00
PLATSBURG_115KV_PMLD1 355749	116.69 1.61 0.00	92.80 1.96 0.00	103.57 2.56 0.00	108.74 3.17 0.00	101.62 2.94 0.00	111.76 2.88 0.00	144.30 2.99 0.00	197.40 1.33 0.00	137.73 0.63 0.00	74.34 0.33 0.00	68.03 1.24 0.00	60.95 1.02 0.00	60.74 1.01 0.00	60.30 1.14 0.00	63.68 1.27 0.00	84.95 1.79 0.00	115.47 0.60 0.00	169.93 0.06 0.00	148.42 -0.03 0.00	93.12 -0.23 0.00	114.99 0.43 0.00	89.11 1.25 0.00	115.34 1.72 0.00	123.12 2.92 0.00
PLEASANTVLY___LBMP 24000	127.30 4.69 -7.53	103.10 3.13 -9.13	108.83 3.17 -4.65	111.03 3.06 -2.40	102.21 2.80 -0.73	111.99 3.11 0.00	145.80 4.49 0.00	203.16 7.09 0.00	142.68 5.57 0.00	77.25 3.25 0.00	69.79 3.00 0.00	62.65 2.72 0.00	62.41 2.68 0.00	61.79 2.64 0.00	65.02 2.61 0.00	86.66 3.51 0.00	119.88 5.01 0.00	177.35 7.48 0.00	154.93 6.48 0.00	97.90 4.55 0.00	120.06 5.50 0.00	91.94 4.08 0.00	118.48 4.86 0.00	124.87 4.67 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	127.39 5.13 -7.18	102.98 3.44 -8.70	108.92 3.49 -4.43	111.22 3.36 -2.28	102.39 3.01 -0.70	112.24 3.37 0.00	146.32 5.01 0.00	204.07 8.00 0.00	143.56 6.45 0.00	77.81 3.80 0.00	70.24 3.45 0.00	63.05 3.12 0.00	62.86 3.13 0.00	62.20 3.04 0.00	65.39 2.99 0.00	87.16 4.01 0.00	120.73 5.86 0.00	178.74 8.87 0.00	156.15 7.70 0.00	98.70 5.35 0.00	120.91 6.35 0.00	92.49 4.63 0.00	119.05 5.43 0.00	125.41 5.22 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	127.39 5.13 -7.18	102.98 3.44 -8.70	108.92 3.49 -4.43	111.22 3.36 -2.28	102.39 3.01 -0.70	112.24 3.37 0.00	146.32 5.01 0.00	204.07 8.00 0.00	143.56 6.45 0.00	77.81 3.80 0.00	70.24 3.45 0.00	63.05 3.12 0.00	62.86 3.13 0.00	62.20 3.04 0.00	65.39 2.99 0.00	87.16 4.01 0.00	120.73 5.86 0.00	178.74 8.87 0.00	156.15 7.70 0.00	98.70 5.35 0.00	120.91 6.35 0.00	92.49 4.63 0.00	119.05 5.43 0.00	125.41 5.22 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	128.95 5.84 -8.03	104.62 4.04 -9.73	110.10 4.14 -4.95	112.22 4.09 -2.56	103.30 3.84 -0.78	113.23 4.36 0.00	147.52 6.21 0.00	205.73 9.66 0.00	144.37 7.26 0.00	78.01 4.01 0.00	70.39 3.60 0.00	63.13 3.20 0.00	62.88 3.15 0.00	62.27 3.12 0.00	65.55 3.15 0.00	87.49 4.33 0.00	121.24 6.37 0.00	179.59 9.72 0.00	156.99 8.55 0.00	99.16 5.81 0.00	121.55 6.99 0.00	93.01 5.15 0.00	119.82 6.20 0.00	126.24 6.04 0.00
POLETTI___ 23519	127.07 4.85 -7.14	102.68 3.19 -8.65	108.43 3.02 -4.40	110.68 2.84 -2.27	101.87 2.49 -0.69	111.58 2.71 0.00	145.53 4.22 0.00	203.22 7.15 0.00	143.26 6.16 0.00	77.62 3.61 0.00	70.36 3.57 0.00	63.22 3.30 0.00	63.05 3.32 0.00	62.42 3.26 0.00	65.52 3.12 0.00	87.33 4.18 0.00	120.83 5.96 0.00	179.03 9.17 0.00	156.20 7.75 0.00	98.69 5.34 0.00	120.87 6.30 0.00	92.40 4.53 0.00	118.93 5.31 0.00	125.32 5.12 0.00
POMONA___ESR 323819	126.07 4.14 -6.85	101.76 2.61 -8.30	107.82 2.58 -4.23	110.18 2.43 -2.18	101.53 2.18 -0.67	111.35 2.47 0.00	145.12 3.81 0.00	202.25 6.18 0.00	142.22 5.11 0.00	77.09 3.08 0.00	69.58 2.79 0.00	62.45 2.53 0.00	62.20 2.47 0.00	61.55 2.39 0.00	64.76 2.36 0.00	86.40 3.25 0.00	119.62 4.75 0.00	177.19 7.32 0.00	154.74 6.29 0.00	97.79 4.44 0.00	119.82 5.25 0.00	91.56 3.69 0.00	117.91 4.29 0.00	124.20 4.00 0.00
PORT_JEFF_3 23555	133.94 8.12 -10.74	110.47 5.75 -13.87	115.43 5.41 -9.01	113.55 4.96 -3.01	104.38 4.48 -1.21	116.46 5.44 -2.15	148.84 7.53 0.00	206.84 10.77 0.00	146.15 9.04 0.00	92.96 6.02 -12.93	71.26 4.47 0.00	63.68 3.76 0.00	63.44 3.71 0.00	62.58 3.42 0.00	66.11 3.70 0.00	88.76 5.60 0.00	124.22 9.35 0.00	224.30 12.95 -41.48	179.06 11.06 -19.55	176.80 8.80 -74.66	156.11 10.59 -30.95	181.34 7.66 -85.81	214.87 9.28 -91.97	302.96 9.59 -173.17

PORT_JEFF_4 23616	134.48 8.50 -10.90	110.99 6.05 -14.09	115.97 5.75 -9.21	113.90 5.29 -3.05	104.70 4.79 -1.23	116.92 5.81 -2.23	149.38 8.07 0.00	207.59 11.52 0.00	146.30 9.19 0.00	93.09 6.15 -12.93	71.47 4.69 0.00	63.87 3.94 0.00	63.62 3.89 0.00	62.77 3.62 0.00	66.32 3.92 0.00	89.07 5.91 0.00	124.76 9.88 0.00	228.99 13.38 -45.75	183.28 11.44 -23.39	182.73 9.05 -80.34	158.80 10.89 -33.35	187.11 7.84 -91.40	227.06 9.48 -103.96	332.66 10.08 -202.39
PORT_JEFF_IC 23713	134.44 8.46 -10.90	110.93 6.00 -14.09	115.88 5.66 -9.21	113.84 5.22 -3.05	104.63 4.71 -1.23	116.83 5.72 -2.23	149.27 7.95 0.00	207.44 11.37 0.00	146.17 9.07 0.00	93.01 6.08 -12.93	71.42 4.64 0.00	63.83 3.90 0.00	63.59 3.86 0.00	62.72 3.57 0.00	66.27 3.86 0.00	88.99 5.84 0.00	124.66 9.79 0.00	228.86 13.25 -45.75	183.14 11.31 -23.39	182.65 8.96 -80.34	158.69 10.78 -33.35	187.05 7.78 -91.40	226.96 9.38 -103.96	332.58 9.99 -202.39
PPL PILGRIM_ST_GT1 24216	135.14 8.65 -11.41	111.81 6.13 -14.83	116.72 5.85 -9.86	114.21 5.49 -3.15	104.86 4.88 -1.30	117.01 5.64 -2.50	149.01 7.69 0.00	207.51 11.43 0.00	147.03 9.92 0.00	93.40 6.46 -12.93	71.66 4.87 0.00	64.03 4.10 0.00	63.79 4.06 0.00	62.86 3.70 0.00	66.39 3.99 0.00	88.98 5.82 0.00	124.40 9.53 0.00	207.15 13.08 -24.21	163.35 10.89 -4.02	153.81 8.83 -51.63	146.42 10.59 -21.26	158.74 7.71 -63.17	166.56 9.51 -43.43	184.72 9.68 -54.84
PPL PILGRIM_ST_GT2 24217	135.14 8.65 -11.41	111.81 6.13 -14.83	116.72 5.85 -9.86	114.21 5.49 -3.15	104.86 4.88 -1.30	117.01 5.64 -2.50	149.01 7.69 0.00	207.51 11.43 0.00	147.03 9.92 0.00	93.40 6.46 -12.93	71.66 4.87 0.00	64.03 4.10 0.00	63.79 4.06 0.00	62.86 3.70 0.00	66.39 3.99 0.00	88.98 5.82 0.00	124.40 9.53 0.00	207.15 13.08 -24.21	163.35 10.89 -4.02	153.81 8.83 -51.63	146.42 10.59 -21.26	158.74 7.71 -63.17	166.56 9.51 -43.43	184.72 9.68 -54.84
PPL_SHRM_GT3 24213	134.33 8.44 -10.80	110.89 6.09 -13.96	115.85 5.75 -9.09	113.82 5.22 -3.03	104.69 4.79 -1.22	116.84 5.79 -2.18	149.38 8.07 0.00	207.36 11.29 0.00	146.66 9.56 0.00	93.26 6.32 -12.93	71.27 4.48 0.00	63.70 3.77 0.00	63.49 3.76 0.00	62.66 3.50 0.00	66.26 3.86 0.00	89.11 5.95 0.00	125.04 10.17 0.00	225.97 14.03 -42.07	180.43 11.90 -20.08	178.44 9.65 -75.44	157.47 11.62 -31.28	182.94 8.49 -86.58	217.57 10.32 -93.63	307.80 10.38 -177.21
PPL_SHRM_GT4 24214	134.33 8.44 -10.80	110.89 6.09 -13.96	115.85 5.75 -9.09	113.82 5.22 -3.03	104.69 4.79 -1.22	116.84 5.79 -2.18	149.38 8.07 0.00	207.36 11.29 0.00	146.66 9.56 0.00	93.26 6.32 -12.93	71.27 4.48 0.00	63.70 3.77 0.00	63.49 3.76 0.00	62.66 3.50 0.00	66.26 3.86 0.00	89.11 5.95 0.00	125.04 10.17 0.00	225.97 14.03 -42.07	180.43 11.90 -20.08	178.44 9.65 -75.44	157.47 11.62 -31.28	182.94 8.49 -86.58	217.57 10.32 -93.63	307.80 10.38 -177.21
PROJECT___ORANGE 1 24174	111.57 -3.51 0.00	87.95 -2.90 0.00	97.82 -3.19 0.00	102.09 -3.49 0.00	95.49 -3.20 0.00	105.46 -3.42 0.00	137.09 -4.22 0.00	190.51 -5.56 0.00	133.40 -3.70 0.00	72.15 -1.86 0.00	64.94 -1.86 0.00	58.16 -1.76 0.00	57.82 -1.91 0.00	57.22 -1.93 0.00	60.32 -2.08 0.00	80.49 -2.66 0.00	111.56 -3.31 0.00	165.60 -4.27 0.00	144.90 -3.55 0.00	91.01 -2.34 0.00	111.38 -3.18 0.00	84.56 -2.67 0.64	110.00 -3.62 0.00	116.39 -3.81 0.00
PROJECT___ORANGE 2 24166	111.57 -3.51 0.00	87.95 -2.90 0.00	97.82 -3.19 0.00	102.09 -3.49 0.00	95.49 -3.20 0.00	105.46 -3.42 0.00	137.09 -4.22 0.00	190.51 -5.56 0.00	133.40 -3.70 0.00	72.15 -1.86 0.00	64.94 -1.86 0.00	58.16 -1.76 0.00	57.82 -1.91 0.00	57.22 -1.93 0.00	60.32 -2.08 0.00	80.49 -2.66 0.00	111.56 -3.31 0.00	165.60 -4.27 0.00	144.90 -3.55 0.00	91.01 -2.34 0.00	111.38 -3.18 0.00	84.56 -2.67 0.64	110.00 -3.62 0.00	116.39 -3.81 0.00
PUCKETT___SOLAR 323809	120.37 1.14 -4.14	96.67 0.80 -5.02	104.46 0.90 -2.56	107.73 0.84 -1.32	100.02 0.94 -0.40	110.13 1.25 0.00	143.27 1.96 0.00	199.77 3.71 0.00	139.61 2.50 0.00	75.13 1.12 0.00	67.20 0.41 0.00	60.14 0.21 0.00	59.66 -0.07 0.00	59.07 -0.08 0.00	62.32 -0.08 0.00	83.59 0.43 0.00	116.57 1.70 0.00	173.61 3.74 0.00	152.04 3.59 0.00	95.48 2.14 0.00	116.81 2.25 0.00	88.79 1.50 0.57	115.02 1.40 0.00	121.09 0.89 0.00
PYRITES___HYD 24023	119.96 4.88 0.00	95.38 4.53 0.00	106.19 5.18 0.00	111.31 5.74 0.00	103.85 5.16 0.00	114.83 5.96 0.00	147.85 6.54 0.00	204.65 8.58 0.00	142.68 5.57 0.00	76.69 2.68 0.00	69.42 2.64 0.00	62.43 2.50 0.00	62.38 2.65 0.00	61.81 2.66 0.00	65.29 2.89 0.00	86.40 3.25 0.00	118.29 3.42 0.00	174.20 4.33 0.00	152.25 3.80 0.00	94.68 1.34 0.00	116.57 2.01 0.00	90.18 2.31 0.00	118.07 4.45 0.00	124.97 4.77 0.00
QUAKERRD_115KV_BK1 80622	107.68 -7.40 0.00	85.03 -5.81 0.00	94.77 -6.24 0.00	98.77 -6.81 0.00	92.44 -6.25 0.00	101.97 -6.91 0.00	132.27 -9.04 0.00	183.20 -12.87 0.00	128.62 -8.49 0.00	69.89 -4.11 0.00	62.96 -3.83 0.00	56.30 -3.62 0.00	55.85 -3.88 0.00	55.32 -3.83 0.00	58.41 -4.00 0.00	77.67 -5.48 0.00	107.03 -7.84 0.00	158.79 -11.07 0.00	139.26 -9.19 0.00	87.32 -6.03 0.00	106.81 -7.75 0.00	79.92 -6.48 1.48	105.55 -8.07 0.00	112.27 -7.93 0.00
QUEENSBRY_115KV_TB8 356137	202.41 10.53 -76.80	191.81 7.89 -93.08	157.06 8.67 -47.38	138.73 8.73 -24.43	114.19 8.05 -7.47	117.18 8.31 0.00	152.42 11.11 0.00	211.67 15.60 0.00	146.97 9.86 0.00	78.70 4.70 0.00	70.84 4.05 0.00	63.32 3.40 0.00	63.07 3.34 0.00	62.32 3.17 0.00	65.84 3.44 0.00	88.34 5.19 0.00	123.09 8.22 0.00	182.01 12.14 0.00	158.95 10.50 0.00	100.31 6.96 0.00	123.27 8.71 0.00	94.64 6.77 0.00	122.45 8.83 0.00	129.15 8.96 0.00
RAMAPO___LBMP 323565	125.74 3.84 -6.82	101.48 2.36 -8.27	107.55 2.33 -4.21	109.93 2.18 -2.17	101.29 1.94 -0.66	111.09 2.21 0.00	144.70 3.39 0.00	201.64 5.57 0.00	141.77 4.67 0.00	76.82 2.81 0.00	69.32 2.53 0.00	62.22 2.29 0.00	61.98 2.26 0.00	61.32 2.16 0.00	64.51 2.11 0.00	86.07 2.92 0.00	119.21 4.34 0.00	176.63 6.76 0.00	154.20 5.75 0.00	97.43 4.08 0.00	119.37 4.81 0.00	91.27 3.40 0.00	117.55 3.92 0.00	123.87 3.67 0.00
RANKINE____ 23646	107.60 -7.48 0.00	85.25 -5.59 0.00	95.21 -5.80 0.00	98.99 -6.59 0.00	92.76 -5.92 0.00	101.97 -6.90 0.00	131.58 -9.73 0.00	181.31 -14.76 0.00	127.77 -9.34 0.00	69.89 -4.12 0.00	62.96 -3.84 0.00	56.22 -3.71 0.00	55.63 -4.09 0.00	55.54 -3.61 0.00	58.65 -3.75 0.00	77.66 -5.49 0.00	106.29 -8.58 0.00	157.91 -11.96 0.00	138.68 -9.77 0.00	86.72 -6.63 0.00	104.98 -9.58 0.00	77.86 -8.13 1.88	103.89 -9.73 0.00	111.50 -8.70 0.00
RAVENSWOOD_GT2_1 24244	127.27 5.06 -7.14	102.81 3.32 -8.65	108.67 3.26 -4.40	110.92 3.08 -2.27	102.14 2.77 -0.69	111.97 3.10 0.00	146.02 4.71 0.00	203.84 7.77 0.00	143.68 6.58 0.00	77.91 3.90 0.00	70.48 3.70 0.00	63.31 3.39 0.00	63.12 3.39 0.00	62.48 3.33 0.00	65.60 3.20 0.00	87.46 4.30 0.00	121.12 6.25 0.00	179.46 9.59 0.00	156.60 8.15 0.00	98.92 5.57 0.00	121.15 6.59 0.00	92.55 4.69 0.00	119.09 5.47 0.00	125.41 5.21 0.00



RAVENSWOOD_GT2_2 24245	127.27 5.06 -7.14	102.81 3.32 -8.65	108.67 3.26 -4.40	110.92 3.08 -2.27	102.14 2.77 -0.69	111.97 3.10 0.00	146.02 4.71 0.00	203.84 7.77 0.00	143.68 6.58 0.00	77.91 3.90 0.00	70.48 3.70 0.00	63.31 3.39 0.00	63.12 3.39 0.00	62.48 3.33 0.00	65.60 3.20 0.00	87.46 4.30 0.00	121.12 6.25 0.00	179.46 9.59 0.00	156.60 8.15 0.00	98.92 5.57 0.00	121.15 6.59 0.00	92.55 4.69 0.00	119.09 5.47 0.00	125.41 5.21 0.00
RAVENSWOOD_GT2_3 24246	127.33 5.11 -7.14	102.86 3.37 -8.65	108.71 3.30 -4.40	110.98 3.14 -2.27	102.19 2.82 -0.69	112.06 3.18 0.00	146.13 4.82 0.00	204.00 7.94 0.00	143.77 6.67 0.00	77.95 3.95 0.00	70.51 3.72 0.00	63.33 3.41 0.00	63.15 3.42 0.00	62.51 3.36 0.00	65.64 3.23 0.00	87.53 4.38 0.00	121.19 6.31 0.00	179.56 9.69 0.00	156.68 8.24 0.00	99.00 5.64 0.00	121.22 6.65 0.00	92.61 4.74 0.00	119.13 5.51 0.00	125.45 5.25 0.00
RAVENSWOOD_GT2_4 24247	127.33 5.11 -7.14	102.86 3.37 -8.65	108.71 3.30 -4.40	110.98 3.14 -2.27	102.19 2.82 -0.69	112.06 3.18 0.00	146.13 4.82 0.00	204.00 7.94 0.00	143.77 6.67 0.00	77.95 3.95 0.00	70.51 3.72 0.00	63.33 3.41 0.00	63.15 3.42 0.00	62.51 3.36 0.00	65.64 3.23 0.00	87.53 4.38 0.00	121.19 6.31 0.00	179.56 9.69 0.00	156.68 8.24 0.00	99.00 5.64 0.00	121.22 6.65 0.00	92.61 4.74 0.00	119.13 5.51 0.00	125.45 5.25 0.00
RAVENSWOOD_GT3_1 24248	127.27 5.06 -7.14	102.81 3.32 -8.65	108.67 3.26 -4.40	110.92 3.08 -2.27	102.14 2.77 -0.69	111.97 3.10 0.00	146.02 4.71 0.00	203.84 7.77 0.00	143.68 6.58 0.00	77.91 3.90 0.00	70.48 3.70 0.00	63.31 3.39 0.00	63.12 3.39 0.00	62.48 3.33 0.00	65.62 3.21 0.00	87.46 4.30 0.00	121.12 6.25 0.00	179.48 9.62 0.00	156.61 8.17 0.00	98.92 5.57 0.00	121.15 6.59 0.00	92.56 4.70 0.00	119.11 5.49 0.00	125.41 5.21 0.00
RAVENSWOOD_GT3_2 24249	127.27 5.06 -7.14	102.81 3.32 -8.65	108.67 3.26 -4.40	110.92 3.08 -2.27	102.14 2.77 -0.69	111.97 3.10 0.00	146.02 4.71 0.00	203.84 7.77 0.00	143.68 6.58 0.00	77.91 3.90 0.00	70.48 3.70 0.00	63.31 3.39 0.00	63.12 3.39 0.00	62.48 3.33 0.00	65.62 3.21 0.00	87.46 4.30 0.00	121.12 6.25 0.00	179.48 9.62 0.00	156.61 8.17 0.00	98.92 5.57 0.00	121.15 6.59 0.00	92.56 4.70 0.00	119.11 5.49 0.00	125.41 5.21 0.00
RAVENSWOOD_GT3_3 24250	127.45 5.23 -7.14	102.94 3.45 -8.65	108.80 3.39 -4.40	111.07 3.22 -2.27	102.29 2.91 -0.69	112.15 3.28 0.00	146.27 4.96 0.00	204.20 8.13 0.00	143.92 6.82 0.00	78.04 4.04 0.00	70.59 3.80 0.00	63.41 3.48 0.00	63.24 3.51 0.00	62.58 3.43 0.00	65.72 3.31 0.00	87.62 4.47 0.00	121.33 6.45 0.00	179.74 9.88 0.00	156.86 8.41 0.00	99.09 5.74 0.00	121.35 6.79 0.00	92.70 4.83 0.00	119.27 5.64 0.00	125.56 5.36 0.00
RAVENSWOOD_GT3_4 24251	127.45 5.23 -7.14	102.94 3.45 -8.65	108.80 3.39 -4.40	111.07 3.22 -2.27	102.29 2.91 -0.69	112.15 3.28 0.00	146.27 4.96 0.00	204.20 8.13 0.00	143.92 6.82 0.00	78.04 4.04 0.00	70.59 3.80 0.00	63.41 3.48 0.00	63.24 3.51 0.00	62.58 3.43 0.00	65.72 3.31 0.00	87.62 4.47 0.00	121.33 6.45 0.00	179.74 9.88 0.00	156.86 8.41 0.00	99.09 5.74 0.00	121.35 6.79 0.00	92.70 4.83 0.00	119.27 5.64 0.00	125.56 5.36 0.00
RAVENSWOOD_GT_1 23729	127.41 5.20 -7.14	102.94 3.45 -8.65	108.80 3.39 -4.40	111.06 3.21 -2.27	102.24 2.86 -0.69	112.13 3.26 0.00	146.25 4.94 0.00	204.18 8.11 0.00	144.05 6.95 0.00	78.33 4.14 -0.19	71.98 3.93 -1.26	63.54 3.62 0.00	65.78 3.68 -2.37	63.98 3.59 -1.23	65.85 3.45 0.00	87.82 4.66 0.00	123.22 6.72 -1.62	182.04 10.42 -1.76	177.41 8.84 -20.12	106.17 6.01 -6.81	122.44 7.01 -0.87	92.82 4.96 0.00	119.38 5.76 0.00	125.65 5.46 0.00
RAVENSWOOD_GT_10 24258	127.30 5.08 -7.14	102.83 3.34 -8.65	108.70 3.29 -4.40	110.94 3.10 -2.27	102.15 2.78 -0.69	112.02 3.14 0.00	146.04 4.72 0.00	203.88 7.81 0.00	143.68 6.58 0.00	77.94 3.91 -0.02	70.51 3.70 -0.03	63.31 3.39 0.00	63.41 3.39 -0.29	62.63 3.33 -0.15	65.62 3.21 0.00	87.46 4.31 0.00	121.12 6.25 0.00	179.70 9.62 -0.21	159.10 8.17 -2.49	99.76 5.57 -0.84	121.25 6.60 -0.09	92.58 4.71 0.00	119.12 5.50 0.00	125.42 5.23 0.00
RAVENSWOOD_GT_11 24259	127.30 5.08 -7.14	102.83 3.34 -8.65	108.70 3.29 -4.40	110.94 3.10 -2.27	102.15 2.78 -0.69	112.02 3.14 0.00	146.04 4.72 0.00	203.88 7.81 0.00	143.68 6.58 0.00	77.94 3.91 -0.02	70.51 3.70 -0.03	63.31 3.39 0.00	63.41 3.39 -0.29	62.63 3.33 -0.15	65.62 3.21 0.00	87.46 4.31 0.00	121.12 6.25 0.00	179.70 9.62 -0.21	159.10 8.17 -2.49	99.76 5.57 -0.84	121.25 6.60 -0.09	92.58 4.71 0.00	119.12 5.50 0.00	125.42 5.23 0.00
RAVENSWOOD_GT_4 24252	127.33 5.11 -7.14	102.85 3.36 -8.65	108.70 3.29 -4.40	110.95 3.11 -2.27	102.18 2.80 -0.69	112.02 3.14 0.00	146.04 4.72 0.00	203.88 7.81 0.00	143.68 6.58 0.00	78.06 3.91 -0.14	70.63 3.69 -0.16	63.30 3.37 0.00	64.87 3.37 -1.77	63.38 3.31 -0.92	65.59 3.19 0.00	87.45 4.30 0.00	121.09 6.22 0.00	180.68 9.52 -1.29	171.53 8.08 -15.01	103.97 5.55 -5.07	121.67 6.58 -0.53	92.55 4.69 0.00	119.12 5.50 0.00	125.42 5.23 0.00
RAVENSWOOD_GT_5 24254	127.33 5.11 -7.14	102.85 3.36 -8.65	108.70 3.29 -4.40	110.95 3.11 -2.27	102.18 2.80 -0.69	112.02 3.14 0.00	146.04 4.72 0.00	203.88 7.81 0.00	143.68 6.58 0.00	78.06 3.91 -0.14	70.63 3.69 -0.16	63.30 3.37 0.00	64.87 3.37 -1.77	63.38 3.31 -0.92	65.59 3.19 0.00	87.45 4.30 0.00	121.09 6.22 0.00	180.68 9.52 -1.29	171.53 8.08 -15.01	103.97 5.55 -5.07	121.67 6.58 -0.53	92.55 4.69 0.00	119.12 5.50 0.00	125.42 5.23 0.00
RAVENSWOOD_GT_6 24253	127.33 5.11 -7.14	102.85 3.36 -8.65	108.70 3.29 -4.40	110.95 3.11 -2.27	102.18 2.80 -0.69	112.02 3.14 0.00	146.04 4.72 0.00	203.88 7.81 0.00	143.68 6.58 0.00	78.06 3.91 -0.14	70.63 3.69 -0.16	63.30 3.37 0.00	64.87 3.37 -1.77	63.38 3.31 -0.92	65.59 3.19 0.00	87.45 4.30 0.00	121.09 6.22 0.00	180.68 9.52 -1.29	171.53 8.08 -15.01	103.97 5.55 -5.07	121.67 6.58 -0.53	92.55 4.69 0.00	119.12 5.50 0.00	125.42 5.23 0.00
RAVENSWOOD_GT_7 24255	127.33 5.11 -7.14	102.85 3.36 -8.65	108.70 3.29 -4.40	110.95 3.11 -2.27	102.18 2.80 -0.69	112.02 3.14 0.00	146.04 4.72 0.00	203.88 7.81 0.00	143.68 6.58 0.00	78.06 3.91 -0.14	70.63 3.69 -0.16	63.30 3.37 0.00	64.87 3.37 -1.77	63.38 3.31 -0.92	65.59 3.19 0.00	87.45 4.30 0.00	121.09 6.22 0.00	180.68 9.52 -1.29	171.53 8.08 -15.01	103.97 5.55 -5.07	121.67 6.58 -0.53	92.55 4.69 0.00	119.12 5.50 0.00	125.42 5.23 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	127.30 5.08 -7.14	102.83 3.34 -8.65	108.70 3.29 -4.40	110.94 3.10 -2.27	102.15 2.78 -0.69	112.02 3.14 0.00	146.04 4.72 0.00	203.88 7.81 0.00	143.68 6.58 0.00	77.94 3.91 -0.02	70.51 3.70 -0.03	63.31 3.39 0.00	63.41 3.39 -0.29	62.63 3.33 -0.15	65.62 3.21 0.00	87.46 4.31 0.00	121.12 6.25 0.00	179.70 9.62 -0.21	159.10 8.17 -2.49	99.76 5.57 -0.84	121.25 6.60 -0.09	92.58 4.71 0.00	119.12 5.50 0.00	125.42 5.23 0.00

RAVENSWOOD_GT_9 24257	127.30 5.08 -7.14	102.83 3.34 -8.65	108.70 3.29 -4.40	110.94 3.10 -2.27	102.15 2.78 -0.69	112.02 3.14 0.00	146.04 4.72 0.00	203.88 7.81 0.00	143.68 6.58 0.00	77.94 3.91 -0.02	70.51 3.70 -0.03	63.31 3.39 0.00	63.41 3.39 -0.29	62.63 3.33 -0.15	65.62 3.21 0.00	87.46 4.31 0.00	121.12 6.25 0.00	179.70 9.62 -0.21	159.10 8.17 -2.49	99.76 5.57 -0.84	121.25 6.60 -0.09	92.58 4.71 0.00	119.12 5.50 0.00	125.42 5.23 0.00
RAVENSWOOD___1 23533	127.16 4.94 -7.14	102.76 3.27 -8.65	108.60 3.19 -4.40	110.84 3.00 -2.27	102.04 2.66 -0.69	111.95 3.07 0.00	145.97 4.66 0.00	203.75 7.68 0.00	143.76 6.65 0.00	77.80 3.98 0.19	70.36 3.78 0.21	63.40 3.47 0.00	60.90 3.50 2.33	61.39 3.44 1.21	65.68 3.27 0.00	87.60 4.44 0.00	121.29 6.42 0.00	178.12 9.95 1.70	137.10 8.43 19.78	92.43 5.76 6.67	120.61 6.74 0.70	92.63 4.77 0.00	119.13 5.51 0.00	125.41 5.21 0.00
RAVENSWOOD___2 23534	127.16 4.94 -7.14	102.76 3.27 -8.65	108.60 3.19 -4.40	110.84 3.00 -2.27	102.04 2.66 -0.69	111.95 3.07 0.00	145.97 4.66 0.00	203.75 7.68 0.00	143.76 6.65 0.00	77.80 3.98 0.19	70.36 3.78 0.21	63.40 3.47 0.00	60.90 3.50 2.33	61.39 3.44 1.21	65.68 3.27 0.00	87.60 4.44 0.00	121.29 6.42 0.00	178.12 9.95 1.70	137.10 8.43 19.78	92.43 5.76 6.67	120.64 6.70 0.62	92.58 4.72 0.00	119.00 5.39 0.00	125.27 5.07 0.00
RAVENSWOOD___3 23535	127.26 5.04 -7.14	102.82 3.33 -8.65	108.69 3.28 -4.40	110.94 3.09 -2.27	102.14 2.77 -0.69	112.01 3.13 0.00	146.03 4.72 0.00	203.84 7.77 0.00	143.69 6.59 0.00	77.95 3.94 0.00	70.49 3.70 0.00	63.33 3.40 0.00	63.13 3.40 0.00	62.48 3.32 0.00	65.62 3.21 0.00	87.48 4.32 0.00	121.12 6.25 0.00	179.46 9.59 0.00	156.61 8.16 0.00	98.93 5.59 0.00	121.16 6.60 0.00	92.58 4.72 0.00	119.12 5.50 0.00	125.42 5.22 0.00
RAVENSWOOD___4 23820	127.16 4.94 -7.14	102.76 3.27 -8.65	108.60 3.19 -4.40	110.84 3.00 -2.27	102.04 2.66 -0.69	111.95 3.07 0.00	145.97 4.66 0.00	203.75 7.68 0.00	143.76 6.65 0.00	77.80 3.98 0.19	70.36 3.78 0.21	63.40 3.47 0.00	60.90 3.50 2.33	61.39 3.44 1.21	65.68 3.27 0.00	87.60 4.44 0.00	121.29 6.42 0.00	178.12 9.95 1.70	137.10 8.43 19.78	92.43 5.76 6.67	120.61 6.74 0.70	92.63 4.77 0.00	119.13 5.51 0.00	125.41 5.21 0.00
RCPI_TRUST___DRP 24196	127.56 5.34 -7.13	103.06 3.57 -8.65	108.91 3.50 -4.40	111.21 3.37 -2.27	102.42 3.05 -0.69	112.30 3.42 0.00	146.44 5.13 0.00	204.46 8.39 0.00	144.10 6.99 0.00	78.17 4.16 0.00	70.68 3.90 0.00	63.47 3.55 0.00	63.28 3.55 0.00	62.63 3.48 0.00	65.78 3.38 0.00	87.70 4.55 0.00	121.46 6.59 0.00	179.91 10.04 0.00	157.04 8.59 0.00	99.18 5.83 0.00	121.43 6.87 0.00	92.77 4.91 0.00	119.35 5.74 0.00	125.66 5.45 0.00
RED___ROCHESTER 323720	110.23 -4.85 0.00	87.01 -3.83 0.00	96.96 -4.05 0.00	100.97 -4.61 0.00	94.51 -4.17 0.00	104.23 -4.65 0.00	135.17 -6.14 0.00	187.22 -8.85 0.00	131.61 -5.49 0.00	71.65 -2.35 0.00	64.51 -2.28 0.00	57.65 -2.28 0.00	57.14 -2.58 0.00	56.65 -2.50 0.00	59.80 -2.60 0.00	79.51 -3.65 0.00	109.39 -5.48 0.00	162.40 -7.47 0.00	142.59 -5.86 0.00	89.38 -3.97 0.00	109.21 -5.35 0.00	81.56 -4.74 1.57	107.88 -5.74 0.00	114.86 -5.34 0.00
REGAN___SOLAR 323812	199.21 8.04 -76.09	189.16 6.11 -92.21	154.83 6.88 -46.94	136.96 7.18 -24.21	112.93 6.85 -7.40	116.85 7.98 0.00	152.53 11.22 0.00	211.82 15.75 0.00	145.42 8.31 0.00	76.13 2.13 0.00	67.90 1.11 0.00	60.65 0.72 0.00	60.32 0.59 0.00	59.77 0.62 0.00	63.12 0.71 0.00	85.54 2.39 0.00	122.20 7.33 0.00	184.01 14.14 0.00	161.10 12.66 0.00	101.38 8.03 0.00	124.13 9.57 0.00	95.00 7.13 0.00	122.52 8.90 0.00	129.24 9.04 0.00
RENSSELAER___COGEN 23796	154.53 3.74 -35.72	136.87 2.74 -43.28	126.11 3.06 -22.03	120.02 3.09 -11.36	104.93 2.78 -3.47	111.29 2.42 0.00	144.61 3.30 0.00	200.70 4.63 0.00	140.19 3.08 0.00	75.69 1.69 0.00	68.38 1.59 0.00	61.33 1.40 0.00	61.10 1.37 0.00	60.53 1.38 0.00	63.67 1.27 0.00	84.32 1.16 0.00	116.50 1.63 0.00	171.80 1.93 0.00	150.01 1.56 0.00	94.69 1.35 0.00	116.62 2.06 0.00	89.77 1.90 0.00	116.79 3.17 0.00	124.33 4.13 0.00
REPUBLIC_115KV_BARTNBRK 55605	207.38 15.90 -76.40	195.26 11.82 -92.59	160.96 12.82 -47.13	143.44 13.56 -24.31	119.38 13.27 -7.43	123.69 14.81 0.00	161.76 20.45 0.00	224.65 28.58 0.00	155.01 17.91 0.00	82.65 8.64 0.00	74.18 7.39 0.00	66.45 6.52 0.00	66.12 6.39 0.00	65.31 6.15 0.00	69.52 7.12 0.00	93.58 10.43 0.00	131.01 16.13 0.00	193.86 24.00 0.00	169.39 20.94 0.00	106.93 13.58 0.00	131.50 16.93 0.00	100.76 12.89 0.00	130.69 17.06 0.00	137.25 17.05 0.00
REVERE_CPWR_DRP 24186	119.87 4.79 0.00	94.54 3.69 0.00	105.14 4.13 0.00	109.91 4.34 0.00	102.78 4.09 0.00	113.48 4.60 0.00	147.61 6.30 0.00	205.46 9.39 0.00	143.52 6.42 0.00	77.20 3.19 0.00	69.34 2.55 0.00	62.04 2.11 0.00	61.66 1.93 0.00	60.92 1.76 0.00	64.16 1.76 0.00	85.73 2.57 0.00	119.45 4.58 0.00	177.84 7.97 0.00	155.48 7.04 0.00	97.63 4.28 0.00	119.70 5.14 0.00	91.92 4.33 0.27	119.01 5.39 0.00	125.55 5.35 0.00
REYNOLDS_115KV_TB3 80639	166.70 5.00 -46.62	150.89 3.54 -56.50	133.62 3.85 -28.76	124.34 3.93 -14.83	106.78 3.56 -4.53	112.39 3.52 0.00	146.00 4.69 0.00	202.63 6.56 0.00	141.62 4.51 0.00	76.56 2.55 0.00	69.27 2.48 0.00	62.12 2.19 0.00	61.88 2.16 0.00	61.34 2.19 0.00	64.55 2.14 0.00	85.76 2.61 0.00	118.40 3.53 0.00	174.38 4.51 0.00	152.24 3.79 0.00	96.29 2.94 0.00	118.72 4.16 0.00	91.32 3.46 0.00	118.32 4.70 0.00	125.22 5.02 0.00
RIVERBAY____ 323610	127.45 5.23 -7.14	102.94 3.45 -8.65	108.89 3.48 -4.40	111.14 3.29 -2.27	102.40 3.02 -0.69	112.56 3.69 0.00	146.75 5.44 0.00	204.61 8.54 0.00	144.30 7.20 0.00	78.15 4.15 0.00	70.75 3.96 0.00	63.53 3.61 0.00	63.20 3.47 0.00	62.62 3.46 0.00	65.63 3.22 0.00	87.61 4.46 0.00	121.35 6.47 0.00	180.11 10.24 0.00	157.07 8.62 0.00	98.89 5.54 0.00	121.05 6.49 0.00	92.43 4.56 0.00	119.11 5.49 0.00	125.27 5.07 0.00
RIVERSIDE_115KV_TB3 55908	161.77 4.35 -42.35	145.34 3.17 -51.32	130.62 3.49 -26.12	122.59 3.55 -13.47	105.98 3.19 -4.12	111.83 2.96 0.00	145.29 3.98 0.00	201.72 5.65 0.00	140.90 3.79 0.00	76.17 2.16 0.00	68.84 2.05 0.00	61.75 1.82 0.00	61.51 1.78 0.00	60.95 1.79 0.00	64.12 1.72 0.00	85.01 1.85 0.00	117.43 2.56 0.00	173.10 3.23 0.00	151.14 2.69 0.00	95.45 2.10 0.00	117.58 3.02 0.00	90.48 2.61 0.00	117.54 3.92 0.00	124.84 4.64 0.00
ROARING___BROOK_WT_PWR 323790	115.34 0.27 0.00	91.29 0.44 0.00	101.52 0.51 0.00	106.23 0.65 0.00	99.35 0.66 0.00	109.63 0.76 0.00	142.07 0.76 0.00	196.81 0.74 0.00	137.50 0.39 0.00	74.17 0.16 0.00	67.02 0.23 0.00	60.09 0.17 0.00	59.79 0.06 0.00	59.18 0.02 0.00	62.54 0.14 0.00	83.47 0.32 0.00	115.10 0.23 0.00	169.98 0.11 0.00	148.30 -0.14 0.00	92.79 -0.56 0.00	114.12 -0.44 0.00	87.68 -0.18 0.00	113.43 -0.19 0.00	120.09 -0.11 0.00

ROCHESRG_115KV_T4 355643	108.86 -6.22 0.00	86.01 -4.83 0.00	95.88 -5.13 0.00	99.84 -5.73 0.00	93.44 -5.24 0.00	103.00 -5.87 0.00	133.46 -7.85 0.00	184.68 -11.39 0.00	129.77 -7.33 0.00	70.63 -3.38 0.00	63.62 -3.17 0.00	56.86 -3.07 0.00	56.35 -3.38 0.00	55.87 -3.28 0.00	58.97 -3.43 0.00	78.36 -4.80 0.00	107.75 -7.11 0.00	160.00 -9.87 0.00	140.36 -8.09 0.00	88.00 -5.35 0.00	107.59 -6.97 0.00	80.39 -5.89 1.57	106.46 -7.16 0.00	113.46 -6.74 0.00
ROCHESTER_9_IC 23652	109.58 -5.50 0.00	86.55 -4.29 0.00	96.46 -4.55 0.00	100.44 -5.13 0.00	94.02 -4.66 0.00	103.66 -5.22 0.00	134.41 -6.90 0.00	186.05 -10.02 0.00	130.77 -6.34 0.00	71.19 -2.82 0.00	64.13 -2.66 0.00	57.30 -2.63 0.00	56.78 -2.95 0.00	56.29 -2.86 0.00	59.42 -2.98 0.00	78.96 -4.19 0.00	108.62 -6.25 0.00	161.28 -8.59 0.00	141.53 -6.92 0.00	88.73 -4.62 0.00	108.45 -6.11 0.00	81.02 -5.28 1.57	107.22 -6.40 0.00	114.21 -5.98 0.00
ROCKVIEW_13_KV_LD 356306	127.72 5.50 -7.14	103.20 3.71 -8.65	109.12 3.71 -4.40	111.41 3.56 -2.27	102.61 3.24 -0.69	112.54 3.67 0.00	146.72 5.41 0.00	204.64 8.57 0.00	144.04 6.94 0.00	78.12 4.12 0.00	70.56 3.77 0.00	63.31 3.38 0.00	63.10 3.37 0.00	62.45 3.29 0.00	65.63 3.23 0.00	87.51 4.36 0.00	121.21 6.34 0.00	179.60 9.74 0.00	156.90 8.46 0.00	99.19 5.84 0.00	121.51 6.95 0.00	92.87 5.00 0.00	119.51 5.89 0.00	125.86 5.66 0.00
ROME____115KV_TB2 80656	119.87 4.79 0.00	94.54 3.69 0.00	105.14 4.13 0.00	109.91 4.34 0.00	102.78 4.09 0.00	113.48 4.60 0.00	147.61 6.30 0.00	205.46 9.39 0.00	143.52 6.42 0.00	77.20 3.19 0.00	69.34 2.55 0.00	62.04 2.11 0.00	61.66 1.93 0.00	60.92 1.76 0.00	64.16 1.76 0.00	85.73 2.57 0.00	119.45 4.58 0.00	177.84 7.97 0.00	155.48 7.04 0.00	97.63 4.28 0.00	119.70 5.14 0.00	91.92 4.33 0.27	119.01 5.39 0.00	125.55 5.35 0.00
ROSETON___1 23587	126.33 4.34 -6.92	102.09 2.87 -8.38	108.17 2.90 -4.27	110.55 2.78 -2.20	101.88 2.53 -0.67	111.69 2.82 0.00	145.42 4.11 0.00	202.61 6.54 0.00	142.31 5.21 0.00	77.07 3.06 0.00	69.60 2.81 0.00	62.45 2.52 0.00	62.22 2.49 0.00	61.59 2.43 0.00	64.80 2.39 0.00	86.41 3.25 0.00	119.59 4.72 0.00	176.97 7.10 0.00	154.60 6.15 0.00	97.66 4.30 0.00	119.73 5.17 0.00	91.68 3.81 0.00	118.14 4.52 0.00	124.53 4.33 0.00
ROSETON___2 23588	126.33 4.34 -6.92	102.09 2.87 -8.38	108.17 2.90 -4.27	110.55 2.78 -2.20	101.88 2.53 -0.67	111.69 2.82 0.00	145.42 4.11 0.00	202.61 6.54 0.00	142.31 5.21 0.00	77.07 3.06 0.00	69.60 2.81 0.00	62.45 2.52 0.00	62.22 2.49 0.00	61.59 2.43 0.00	64.80 2.39 0.00	86.41 3.25 0.00	119.59 4.72 0.00	176.97 7.10 0.00	154.60 6.15 0.00	97.66 4.30 0.00	119.73 5.17 0.00	91.68 3.81 0.00	118.14 4.52 0.00	124.53 4.33 0.00
ROTRRDAM_115KV_TB3 80664	202.73 4.20 -83.45	194.99 3.02 -101.13	155.82 3.33 -51.48	135.48 3.35 -26.55	109.83 3.04 -8.11	112.15 3.27 0.00	145.78 4.47 0.00	202.48 6.41 0.00	141.33 4.23 0.00	76.11 2.11 0.00	68.63 1.84 0.00	61.49 1.57 0.00	61.25 1.52 0.00	60.67 1.51 0.00	63.96 1.56 0.00	85.44 2.29 0.00	118.48 3.61 0.00	175.37 5.51 0.00	153.24 4.80 0.00	96.62 3.27 0.00	118.63 4.07 0.00	91.01 3.15 0.00	117.61 3.99 0.00	124.27 4.07 0.00
RUSSELL___1 23602	110.18 -4.90 0.00	87.01 -3.84 0.00	96.96 -4.05 0.00	100.97 -4.61 0.00	94.52 -4.17 0.00	104.23 -4.64 0.00	135.18 -6.13 0.00	187.22 -8.85 0.00	131.60 -5.51 0.00	71.65 -2.35 0.00	64.54 -2.25 0.00	57.68 -2.25 0.00	57.15 -2.57 0.00	56.66 -2.50 0.00	59.80 -2.60 0.00	79.50 -3.65 0.00	109.37 -5.50 0.00	162.39 -7.48 0.00	142.55 -5.89 0.00	89.37 -3.98 0.00	109.20 -5.36 0.00	81.56 -4.74 1.57	107.89 -5.73 0.00	114.87 -5.33 0.00
RUSSELL___2 23532	110.18 -4.90 0.00	87.01 -3.84 0.00	96.96 -4.05 0.00	100.97 -4.61 0.00	94.52 -4.17 0.00	104.23 -4.64 0.00	135.18 -6.13 0.00	187.22 -8.85 0.00	131.60 -5.51 0.00	71.65 -2.35 0.00	64.54 -2.25 0.00	57.68 -2.25 0.00	57.15 -2.57 0.00	56.66 -2.50 0.00	59.80 -2.60 0.00	79.50 -3.65 0.00	109.37 -5.50 0.00	162.39 -7.48 0.00	142.55 -5.89 0.00	89.37 -3.98 0.00	109.20 -5.36 0.00	81.56 -4.74 1.57	107.89 -5.73 0.00	114.87 -5.33 0.00
RUSSELL___3 23549	110.18 -4.90 0.00	87.01 -3.84 0.00	96.96 -4.05 0.00	100.97 -4.61 0.00	94.52 -4.17 0.00	104.23 -4.64 0.00	135.18 -6.13 0.00	187.22 -8.85 0.00	131.60 -5.51 0.00	71.65 -2.35 0.00	64.54 -2.25 0.00	57.68 -2.25 0.00	57.15 -2.57 0.00	56.66 -2.50 0.00	59.80 -2.60 0.00	79.50 -3.65 0.00	109.37 -5.50 0.00	162.39 -7.48 0.00	142.55 -5.89 0.00	89.37 -3.98 0.00	109.20 -5.36 0.00	81.56 -4.74 1.57	107.89 -5.73 0.00	114.87 -5.33 0.00
RUSSELL___4 23556	110.18 -4.90 0.00	87.01 -3.84 0.00	96.96 -4.05 0.00	100.97 -4.61 0.00	94.52 -4.17 0.00	104.23 -4.64 0.00	135.18 -6.13 0.00	187.22 -8.85 0.00	131.60 -5.51 0.00	71.65 -2.35 0.00	64.54 -2.25 0.00	57.68 -2.25 0.00	57.15 -2.57 0.00	56.66 -2.50 0.00	59.80 -2.60 0.00	79.50 -3.65 0.00	109.37 -5.50 0.00	162.39 -7.48 0.00	142.55 -5.89 0.00	89.37 -3.98 0.00	109.20 -5.36 0.00	81.56 -4.74 1.57	107.89 -5.73 0.00	114.87 -5.33 0.00
RUSSELL___STATION 23914	110.18 -4.90 0.00	87.01 -3.84 0.00	96.96 -4.05 0.00	100.97 -4.61 0.00	94.52 -4.17 0.00	104.23 -4.64 0.00	135.18 -6.13 0.00	187.22 -8.85 0.00	131.60 -5.51 0.00	71.65 -2.35 0.00	64.54 -2.25 0.00	57.68 -2.25 0.00	57.15 -2.57 0.00	56.66 -2.50 0.00	59.80 -2.60 0.00	79.50 -3.65 0.00	109.37 -5.50 0.00	162.39 -7.48 0.00	142.55 -5.89 0.00	89.37 -3.98 0.00	109.20 -5.36 0.00	81.56 -4.74 1.57	107.89 -5.73 0.00	114.87 -5.33 0.00
S SALMON___HYD 24043	113.35 -1.73 0.00	89.49 -1.35 0.00	99.45 -1.55 0.00	103.76 -1.81 0.00	97.22 -1.46 0.00	107.68 -1.19 0.00	140.09 -1.22 0.00	194.92 -1.16 0.00	136.24 -0.86 0.00	73.52 -0.49 0.00	66.14 -0.65 0.00	59.40 -0.53 0.00	58.96 -0.77 0.00	58.24 -0.91 0.00	61.26 -1.14 0.00	81.67 -1.48 0.00	113.29 -1.58 0.00	168.47 -1.39 0.00	147.49 -0.96 0.00	92.49 -0.86 0.00	113.28 -1.28 0.00	86.82 -1.05 0.00	112.07 -1.55 0.00	118.56 -1.64 0.00
S.PERRY__115KV_TB1 80734	109.82 -5.26 0.00	86.99 -3.85 0.00	96.81 -4.20 0.00	99.52 -6.06 0.00	92.44 -6.24 0.00	101.61 -7.26 0.00	131.92 -9.39 0.00	183.73 -12.34 0.00	129.06 -8.05 0.00	70.03 -3.97 0.00	62.69 -4.10 0.00	55.67 -4.25 0.00	54.82 -4.91 0.00	54.37 -4.79 0.00	57.25 -5.15 0.00	75.13 -8.03 0.00	104.63 -10.24 0.00	157.25 -12.62 0.00	138.42 -10.03 0.00	86.56 -6.79 0.00	105.08 -9.49 0.00	79.15 -6.50 2.22	108.09 -5.53 0.00	114.09 -6.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	106.09 -8.99 0.00	84.06 -6.79 0.00	93.92 -7.09 0.00	97.62 -7.95 0.00	91.45 -7.23 0.00	100.54 -8.34 0.00	129.56 -11.76 0.00	178.30 -17.78 0.00	125.72 -11.38 0.00	68.82 -5.19 0.00	62.00 -4.79 0.00	55.34 -4.58 0.00	54.86 -4.87 0.00	54.90 -4.25 0.00	58.02 -4.38 0.00	76.80 -6.36 0.00	105.08 -9.79 0.00	156.08 -13.79 0.00	137.12 -11.32 0.00	85.66 -7.69 0.00	103.38 -11.18 0.00	76.69 -9.33 1.84	102.49 -11.13 0.00	110.17 -10.03 0.00

SAWYER___23_KV_LOAD 55526	106.09 -8.99 0.00	84.06 -6.79 0.00	93.92 -7.09 0.00	97.62 -7.95 0.00	91.45 -7.23 0.00	100.54 -8.34 0.00	129.56 -11.76 0.00	178.30 -17.78 0.00	125.72 -11.38 0.00	68.82 -5.19 0.00	62.00 -4.79 0.00	55.34 -4.58 0.00	54.86 -4.87 0.00	54.90 -4.25 0.00	58.02 -4.38 0.00	76.80 -6.36 0.00	105.08 -9.79 0.00	156.08 -13.79 0.00	137.12 -11.32 0.00	85.66 -7.69 0.00	103.38 -11.18 0.00	76.69 -9.33 1.84	102.49 -11.13 0.00	110.17 -10.03 0.00
SELKIRK___I 23801	151.12 7.86 -28.18	131.08 6.09 -34.15	125.22 6.83 -17.38	121.59 7.05 -8.96	108.05 6.62 -2.74	115.72 6.85 0.00	150.40 9.09 0.00	208.18 12.11 0.00	143.81 6.70 0.00	76.46 2.45 0.00	68.86 2.07 0.00	61.77 1.85 0.00	61.62 1.89 0.00	60.97 1.81 0.00	64.08 1.68 0.00	85.65 2.50 0.00	120.18 5.31 0.00	178.25 8.39 0.00	155.58 7.14 0.00	98.07 4.72 0.00	120.68 6.12 0.00	92.78 4.92 0.00	120.72 7.10 0.00	128.71 8.51 0.00
SELKIRK___II 23799	146.63 3.79 -27.76	127.22 2.73 -33.64	121.16 3.03 -17.12	117.47 3.06 -8.83	104.15 2.77 -2.70	111.49 2.61 0.00	144.85 3.54 0.00	201.06 4.99 0.00	140.50 3.40 0.00	75.82 1.81 0.00	68.46 1.67 0.00	61.41 1.49 0.00	61.19 1.46 0.00	60.60 1.45 0.00	63.79 1.39 0.00	84.71 1.55 0.00	117.15 2.28 0.00	172.98 3.12 0.00	151.06 2.61 0.00	95.34 1.99 0.00	117.28 2.72 0.00	90.15 2.29 0.00	117.03 3.41 0.00	124.20 4.00 0.00
SENECA OSWGO___HYD 24041	110.57 -4.51 0.00	87.18 -3.66 0.00	96.97 -4.03 0.00	101.21 -4.37 0.00	94.65 -4.03 0.00	104.52 -4.36 0.00	136.00 -5.31 0.00	188.97 -7.10 0.00	132.34 -4.77 0.00	71.59 -2.42 0.00	64.46 -2.33 0.00	57.72 -2.21 0.00	57.33 -2.40 0.00	56.74 -2.41 0.00	59.80 -2.60 0.00	79.80 -3.35 0.00	110.60 -4.27 0.00	164.13 -5.73 0.00	143.62 -4.82 0.00	90.22 -3.13 0.00	110.50 -4.06 0.00	84.65 -3.36 -0.14	109.09 -4.53 0.00	115.43 -4.76 0.00
SENECA___115KV_TB3 355854	107.82 -7.26 0.00	85.41 -5.43 0.00	95.41 -5.60 0.00	99.17 -6.40 0.00	92.92 -5.76 0.00	102.19 -6.68 0.00	131.85 -9.46 0.00	181.70 -14.37 0.00	128.06 -9.04 0.00	70.05 -3.96 0.00	63.09 -3.70 0.00	56.34 -3.59 0.00	55.76 -3.97 0.00	55.67 -3.49 0.00	58.78 -3.63 0.00	77.83 -5.33 0.00	106.57 -8.30 0.00	158.28 -11.59 0.00	138.98 -9.46 0.00	86.91 -6.44 0.00	105.21 -9.35 0.00	78.04 -7.95 1.88	104.12 -9.50 0.00	111.73 -8.47 0.00
SENECA___ENERGY 23797	112.95 -2.13 0.00	89.20 -1.65 0.00	98.99 -2.01 0.00	103.28 -2.30 0.00	97.02 -1.67 0.00	107.24 -1.64 0.00	139.18 -2.14 0.00	193.43 -2.64 0.00	135.74 -1.37 0.00	73.81 -0.20 0.00	66.44 -0.35 0.00	59.30 -0.62 0.00	58.94 -0.79 0.00	58.25 -0.91 0.00	61.33 -1.07 0.00	82.03 -1.12 0.00	113.54 -1.33 0.00	168.14 -1.73 0.00	147.55 -0.89 0.00	92.68 -0.67 0.00	112.87 -1.69 0.00	85.66 -1.34 0.87	111.32 -2.30 0.00	117.64 -2.56 0.00
SHOEMAKER___GT 23640	125.24 3.69 -6.47	101.09 2.41 -7.84	107.43 2.43 -3.99	109.96 2.33 -2.06	101.41 2.10 -0.63	111.25 2.37 0.00	144.77 3.46 0.00	201.63 5.56 0.00	141.48 4.37 0.00	76.41 2.40 0.00	68.85 2.06 0.00	61.78 1.85 0.00	61.51 1.79 0.00	60.91 1.75 0.00	64.13 1.73 0.00	85.63 2.48 0.00	118.69 3.82 0.00	176.04 6.17 0.00	153.79 5.34 0.00	97.07 3.72 0.00	119.01 4.45 0.00	91.17 3.31 0.00	117.54 3.92 0.00	123.91 3.71 0.00
SHOEMAKR_138KV_BK 111 55601	125.12 3.62 -6.42	100.95 2.32 -7.78	107.33 2.36 -3.96	109.84 2.23 -2.04	101.32 2.02 -0.62	111.16 2.29 0.00	144.70 3.38 0.00	201.45 5.38 0.00	141.44 4.33 0.00	76.46 2.45 0.00	68.89 2.10 0.00	61.81 1.89 0.00	61.57 1.84 0.00	60.94 1.79 0.00	64.16 1.75 0.00	85.68 2.52 0.00	118.70 3.83 0.00	175.94 6.07 0.00	153.71 5.27 0.00	97.03 3.69 0.00	118.96 4.40 0.00	91.10 3.23 0.00	117.45 3.83 0.00	123.82 3.62 0.00
SHOREHAM_IC_1 23715	134.33 8.44 -10.80	110.89 6.09 -13.96	115.85 5.75 -9.09	113.82 5.22 -3.03	104.69 4.79 -1.22	116.84 5.79 -2.18	149.38 8.07 0.00	207.36 11.29 0.00	146.66 9.56 0.00	93.26 6.32 -12.93	71.27 4.48 0.00	63.70 3.77 0.00	63.49 3.76 0.00	62.66 3.50 0.00	66.26 3.86 0.00	89.11 5.95 0.00	125.04 10.17 0.00	225.97 14.03 -42.07	180.43 11.90 -20.08	178.44 9.65 -75.44	157.47 11.62 -31.28	182.94 8.49 -86.58	217.57 10.32 -93.63	307.80 10.38 -177.21
SHOREHAM_IC_2 23716	134.33 8.44 -10.80	110.89 6.09 -13.96	115.85 5.75 -9.09	113.82 5.22 -3.03	104.69 4.79 -1.22	116.84 5.79 -2.18	149.38 8.07 0.00	207.36 11.29 0.00	146.66 9.56 -12.93	93.26 6.32 0.00	71.27 4.48 0.00	63.70 3.77 0.00	63.49 3.76 0.00	62.66 3.50 0.00	66.26 3.86 0.00	89.11 5.95 0.00	125.04 10.17 0.00	225.97 14.03 -42.07	180.43 11.90 -20.08	178.44 9.65 -75.44	157.47 11.62 -31.28	182.94 8.49 -86.58	217.57 10.32 -93.63	307.80 10.38 -177.21
SISSONVILLE____ 23735	117.85 2.77 0.00	93.72 2.87 0.00	104.35 3.34 0.00	109.36 3.78 0.00	102.00 3.31 0.00	112.76 3.89 0.00	145.04 3.73 0.00	200.57 4.50 0.00	139.90 2.80 0.00	75.33 1.32 0.00	68.45 1.66 0.00	61.48 1.56 0.00	61.37 1.64 0.00	60.79 1.63 0.00	64.19 1.78 0.00	84.83 1.68 0.00	116.15 1.28 0.00	170.72 0.86 0.00	149.15 0.71 0.00	92.76 -0.59 0.00	114.23 -0.33 0.00	88.54 0.68 0.00	116.04 2.42 0.00	122.92 2.72 0.00
SITHE_IND_GS1 24169	109.64 -5.44 0.00	86.50 -4.34 0.00	96.20 -4.81 0.00	100.44 -5.14 0.00	93.92 -4.76 0.00	103.64 -5.24 0.00	134.65 -6.66 0.00	186.96 -9.11 0.00	130.85 -6.26 0.00	70.76 -3.24 0.00	63.76 -3.03 0.00	57.12 -2.81 0.00	56.84 -2.89 0.00	56.25 -2.90 0.00	59.32 -3.08 0.00	79.09 -4.06 0.00	109.46 -5.41 0.00	162.20 -7.67 0.00	141.93 -6.51 0.00	89.17 -4.18 0.00	109.27 -5.29 0.00	78.53 -4.21 5.12	108.13 -5.49 0.00	114.42 -5.78 0.00
SITHE_IND_GS2 24170	109.64 -5.44 0.00	86.50 -4.34 0.00	96.20 -4.81 0.00	100.44 -5.14 0.00	93.92 -4.76 0.00	103.64 -5.24 0.00	134.65 -6.66 0.00	186.96 -9.11 0.00	130.85 -6.26 0.00	70.76 -3.24 0.00	63.76 -3.03 0.00	57.12 -2.81 0.00	56.84 -2.89 0.00	56.25 -2.90 0.00	59.32 -3.08 0.00	79.09 -4.06 0.00	109.46 -5.41 0.00	162.20 -7.67 0.00	141.93 -6.51 0.00	89.17 -4.18 0.00	109.27 -5.29 0.00	78.53 -4.21 5.12	108.13 -5.49 0.00	114.42 -5.78 0.00
SITHE_IND_GS3 24171	109.64 -5.44 0.00	86.50 -4.34 0.00	96.20 -4.81 0.00	100.44 -5.14 0.00	93.92 -4.76 0.00	103.64 -5.24 0.00	134.65 -6.66 0.00	186.96 -9.11 0.00	130.85 -6.26 0.00	70.76 -3.24 0.00	63.76 -3.03 0.00	57.12 -2.81 0.00	56.84 -2.89 0.00	56.25 -2.90 0.00	59.32 -3.08 0.00	79.09 -4.06 0.00	109.46 -5.41 0.00	162.20 -7.67 0.00	141.93 -6.51 0.00	89.17 -4.18 0.00	109.27 -5.29 0.00	78.53 -4.21 5.12	108.13 -5.49 0.00	114.42 -5.78 0.00
SITHE_IND_GS4 24172	109.64 -5.44 0.00	86.50 -4.34 0.00	96.20 -4.81 0.00	100.44 -5.14 0.00	93.92 -4.76 0.00	103.64 -5.24 0.00	134.65 -6.66 0.00	186.96 -9.11 0.00	130.85 -6.26 0.00	70.76 -3.24 0.00	63.76 -3.03 0.00	57.12 -2.81 0.00	56.84 -2.89 0.00	56.25 -2.90 0.00	59.32 -3.08 0.00	79.09 -4.06 0.00	109.46 -5.41 0.00	162.20 -7.67 0.00	141.93 -6.51 0.00	89.17 -4.18 0.00	109.27 -5.29 0.00	78.53 -4.21 5.12	108.13 -5.49 0.00	114.42 -5.78 0.00

SITHE___BATAVIA 24024	109.53 -5.55 0.00	86.58 -4.26 0.00	96.66 -4.35 0.00	100.54 -5.03 0.00	94.25 -4.43 0.00	103.87 -5.01 0.00	134.36 -6.96 0.00	185.64 -10.43 0.00	130.73 -6.37 0.00	71.34 -2.66 0.00	64.13 -2.66 0.00	57.06 -2.86 0.00	56.24 -3.49 0.00	55.87 -3.29 0.00	59.00 -3.40 0.00	78.29 -4.86 0.00	107.41 -7.46 0.00	160.44 -9.44 -0.02	141.15 -7.33 -0.03	88.38 -4.97 0.00	107.69 -6.87 0.00	80.15 -6.06 1.66	106.64 -6.98 0.00	114.21 -5.99 0.00
SITHE___INDEPEND 23800	109.64 -5.44 0.00	86.50 -4.34 0.00	96.19 -4.81 0.00	100.43 -5.14 0.00	93.92 -4.77 0.00	103.64 -5.24 0.00	134.65 -6.66 0.00	186.95 -9.12 0.00	130.84 -6.26 0.00	70.76 -3.25 0.00	63.76 -3.03 0.00	57.12 -2.81 0.00	56.84 -2.89 0.00	56.25 -2.90 0.00	59.32 -3.08 0.00	79.09 -4.06 0.00	109.45 -5.42 0.00	162.19 -7.67 0.00	141.93 -6.52 0.00	89.16 -4.19 0.00	109.27 -5.29 0.00	78.53 -4.21 5.12	108.13 -5.50 0.00	114.42 -5.78 0.00
SITHE___MASSENA 23902	116.99 1.91 0.00	92.94 2.09 0.00	103.45 2.45 0.00	108.43 2.86 0.00	101.39 2.70 0.00	111.96 3.08 0.00	144.65 3.34 0.00	199.95 3.88 0.00	139.54 2.44 0.00	75.16 1.15 0.00	68.06 1.27 0.00	61.09 1.17 0.00	61.02 1.30 0.00	60.46 1.30 0.00	63.91 1.51 0.00	84.92 1.77 0.00	116.63 1.76 0.00	171.27 1.41 0.00	149.60 1.15 0.00	93.24 -0.10 0.00	114.76 0.19 0.00	88.52 0.66 0.00	115.31 1.68 0.00	121.89 1.69 0.00
SITHE___OGDNSBRG 24021	119.59 4.51 0.00	95.06 4.21 0.00	105.81 4.80 0.00	110.95 5.38 0.00	103.60 4.92 0.00	114.60 5.73 0.00	147.79 6.48 0.00	204.50 8.43 0.00	142.51 5.41 0.00	76.57 2.56 0.00	69.27 2.48 0.00	62.26 2.33 0.00	62.21 2.48 0.00	61.68 2.52 0.00	65.17 2.77 0.00	86.43 3.28 0.00	118.52 3.64 0.00	174.49 4.62 0.00	152.48 4.03 0.00	94.88 1.53 0.00	116.81 2.25 0.00	90.22 2.35 0.00	117.83 4.21 0.00	124.62 4.41 0.00
SITHE___STERLING 23777	118.14 3.07 0.00	93.15 2.30 0.00	103.63 2.62 0.00	108.43 2.86 0.00	101.35 2.67 0.00	111.62 2.74 0.00	144.98 3.67 0.00	201.72 5.65 0.00	140.95 3.84 0.00	75.76 1.76 0.00	68.01 1.23 0.00	60.88 0.96 0.00	60.55 0.82 0.00	59.83 0.67 0.00	63.01 0.61 0.00	84.17 1.01 0.00	117.19 2.32 0.00	174.40 4.53 0.00	152.50 4.06 0.00	95.83 2.48 0.00	117.53 2.97 0.00	90.40 2.86 0.33	117.09 3.47 0.00	123.58 3.38 0.00
SLEIGHT__34_KV_TB1 80719	110.82 -4.27 0.00	87.44 -3.41 0.00	97.31 -3.70 0.00	101.41 -4.17 0.00	94.94 -3.75 0.00	104.90 -3.98 0.00	136.36 -4.95 0.00	189.17 -6.90 0.00	132.79 -4.31 0.00	72.06 -1.95 0.00	64.82 -1.97 0.00	57.87 -2.05 0.00	57.48 -2.25 0.00	56.85 -2.31 0.00	60.04 -2.37 0.00	80.05 -3.11 0.00	110.59 -4.28 0.00	164.23 -5.63 0.00	143.90 -4.55 0.00	90.22 -3.13 0.00	110.33 -4.23 0.00	82.89 -3.81 1.16	108.89 -4.73 0.00	115.49 -4.70 0.00
SOUTH CAIRO___GT 23612	150.85 10.27 -25.50	129.66 7.91 -30.90	125.62 8.88 -15.73	123.00 9.31 -8.11	110.02 8.86 -2.48	118.30 9.42 0.00	154.32 13.01 0.00	214.49 18.41 0.00	148.47 11.36 0.00	78.56 4.55 0.00	70.12 3.33 0.00	62.68 2.75 0.00	62.39 2.66 0.00	61.81 2.65 0.00	65.11 2.70 0.00	87.02 3.87 0.00	122.30 7.42 0.00	183.17 13.31 0.00	160.17 11.72 0.00	100.96 7.61 0.00	124.02 9.45 0.00	95.16 7.29 0.00	123.73 10.11 0.00	131.80 11.61 0.00
SOUTH HAMPTN___IC 23720	134.66 8.83 -10.75	111.31 6.59 -13.88	116.18 6.15 -9.02	114.06 5.47 -3.01	104.96 5.06 -1.21	117.10 6.08 -2.15	149.62 8.30 0.00	207.29 11.22 0.00	146.64 9.53 0.00	93.44 6.50 -12.93	71.46 4.67 0.00	64.05 4.13 0.00	63.98 4.25 0.00	63.19 4.04 0.00	66.85 4.44 0.00	89.98 6.82 0.00	126.36 11.49 0.00	226.29 15.55 -40.87	180.75 13.30 -19.00	177.93 10.74 -73.84	158.17 13.00 -30.61	182.41 9.54 -85.01	215.51 11.64 -90.25	300.70 11.51 -168.99
SOUTHDOW_115KV_TB1 355954	113.23 -3.59 -1.73	90.22 -2.73 -2.10	99.39 -2.69 -1.07	102.89 -3.24 -0.55	96.16 -2.69 -0.17	105.60 -3.28 0.00	136.75 -4.56 0.00	189.34 -6.73 0.00	133.24 -3.87 0.00	72.78 -1.23 0.00	65.44 -1.35 0.00	58.60 -1.32 0.00	58.03 -1.70 0.00	57.82 -1.33 0.00	61.06 -1.35 0.00	80.77 -2.38 0.00	110.65 -4.23 0.00	164.39 -5.48 0.00	144.11 -4.34 0.00	90.14 -3.21 0.00	108.99 -5.57 0.00	80.54 -5.34 1.98	107.27 -6.35 0.00	114.36 -5.84 0.00
SOUTHOLD_69_KV_BK 2 55809	135.33 9.50 -10.75	112.30 7.57 -13.88	116.94 6.91 -9.02	114.47 5.88 -3.02	105.44 5.54 -1.21	117.59 6.57 -2.15	150.05 8.73 0.00	204.74 8.67 0.00	145.50 8.40 0.00	93.78 6.84 -12.93	71.65 4.86 0.00	64.65 4.72 0.00	64.84 5.11 0.00	64.14 4.98 0.00	67.90 5.50 0.00	91.59 8.44 0.00	128.91 14.04 0.00	226.80 16.04 -40.89	181.34 13.88 -19.02	180.15 12.94 -73.86	160.93 15.75 -30.62	184.23 11.33 -85.03	217.60 13.68 -90.30	301.73 12.44 -169.09
SOUTHOLD___IC 23719	135.32 9.49 -10.75	112.29 7.57 -13.88	116.94 6.91 -9.02	114.45 5.86 -3.02	105.44 5.54 -1.21	117.59 6.57 -2.15	150.05 8.73 0.00	204.74 8.67 0.00	145.49 8.38 0.00	93.78 6.84 -12.93	71.65 4.87 0.00	64.66 4.73 0.00	64.84 5.11 0.00	64.14 4.98 0.00	67.90 5.49 0.00	91.59 8.44 0.00	128.90 14.03 0.00	226.79 16.04 -40.89	181.32 13.86 -19.02	180.15 12.94 -73.86	160.93 15.75 -30.62	184.23 11.33 -85.03	217.60 13.68 -90.30	301.71 12.42 -169.09
SOUTH_FORK_WT_PWR 323839	134.29 8.46 -10.75	111.81 7.08 -13.88	116.12 6.10 -9.02	113.33 4.74 -3.02	104.41 4.51 -1.21	116.33 5.31 -2.15	148.16 6.85 0.00	203.58 7.51 0.00	144.32 7.21 0.00	92.85 5.91 -12.93	70.94 4.15 0.00	64.37 4.44 0.00	64.75 5.02 0.00	64.12 4.96 0.00	67.93 5.53 0.00	91.66 8.50 0.00	129.08 14.21 0.00	228.62 17.88 -40.88	182.88 15.43 -19.01	180.23 13.04 -73.85	161.14 15.97 -30.61	184.39 11.51 -85.02	217.78 13.89 -90.27	302.28 13.05 -169.04
SPIERFLS_115KV_TB 1 80737	202.13 9.92 -77.13	191.77 7.46 -93.47	156.77 8.18 -47.58	138.25 8.13 -24.54	113.54 7.37 -7.50	116.29 7.41 0.00	151.12 9.81 0.00	209.80 13.73 0.00	145.79 8.68 0.00	78.11 4.10 0.00	70.33 3.55 0.00	62.86 2.94 0.00	62.61 2.88 0.00	61.89 2.73 0.00	65.33 2.92 0.00	87.62 4.47 0.00	122.01 7.14 0.00	180.48 10.61 0.00	157.62 9.18 0.00	99.45 6.10 0.00	122.20 7.64 0.00	93.86 6.00 0.00	121.44 7.82 0.00	128.16 7.96 0.00
ST LAWRENCE____ 23600	115.11 0.03 0.00	91.35 0.50 0.00	101.66 0.65 0.00	106.53 0.96 0.00	99.69 1.01 0.00	110.07 1.20 0.00	142.35 1.04 0.00	196.81 0.74 0.00	137.37 0.26 0.00	74.01 0.00 0.00	66.97 0.18 0.00	60.13 0.20 0.00	60.04 0.32 0.00	59.51 0.35 0.00	62.91 0.50 0.00	83.69 0.53 0.00	114.98 0.11 0.00	169.51 -0.35 0.00	148.07 -0.38 0.00	92.73 -0.62 0.00	114.03 -0.54 0.00	87.55 -0.32 0.00	113.53 -0.09 0.00	120.38 0.18 0.00
STATE_CA_115KV_115_LB 55624	168.81 4.44 -49.29	153.83 3.25 -59.74	135.05 3.63 -30.41	124.91 3.65 -15.68	106.75 3.28 -4.79	111.93 3.06 0.00	145.48 4.17 0.00	201.93 5.86 0.00	141.10 4.00 0.00	76.25 2.25 0.00	68.92 2.13 0.00	61.82 1.90 0.00	61.58 1.85 0.00	61.01 1.86 0.00	64.19 1.79 0.00	85.09 1.94 0.00	117.60 2.73 0.00	173.45 3.58 0.00	151.46 3.01 0.00	95.58 2.24 0.00	117.72 3.15 0.00	90.53 2.67 0.00	117.68 4.05 0.00	125.04 4.84 0.00

STATE_ST_34_KV_LOAD 55959	113.52 -1.56 0.00	89.53 -1.31 0.00	99.24 -1.76 0.00	103.51 -2.06 0.00	96.93 -1.75 0.00	107.11 -1.76 0.00	139.25 -2.07 0.00	193.47 -2.60 0.00	136.00 -1.11 0.00	73.61 -0.39 0.00	66.18 -0.62 0.00	58.97 -0.95 0.00	58.74 -0.98 0.00	57.88 -1.28 0.00	61.23 -1.17 0.00	81.86 -1.29 0.00	113.72 -1.15 0.00	168.35 -1.52 0.00	147.51 -0.93 0.00	92.61 -0.74 0.00	113.21 -1.36 0.00	86.27 -1.40 0.19	111.75 -1.87 0.00	117.92 -2.27 0.00
STATION 5_MISC_HYD 23604	109.61 -5.47 0.00	86.55 -4.29 0.00	96.47 -4.54 0.00	100.46 -5.12 0.00	94.02 -4.66 0.00	103.65 -5.23 0.00	134.42 -6.89 0.00	186.06 -10.02 0.00	130.79 -6.32 0.00	71.18 -2.83 0.00	64.08 -2.71 0.00	57.27 -2.65 0.00	56.78 -2.95 0.00	56.28 -2.88 0.00	59.42 -2.98 0.00	78.96 -4.19 0.00	108.61 -6.26 0.00	161.27 -8.61 0.00	141.57 -6.88 0.00	88.73 -4.62 0.00	108.46 -6.11 0.00	81.01 -5.29 1.57	107.21 -6.41 0.00	114.22 -5.98 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	113.84 -1.24 0.00	89.81 -1.04 0.00	100.04 -0.97 0.00	104.25 -1.32 0.00	97.65 -1.03 0.00	108.03 -0.85 0.00	140.53 -0.79 0.00	194.78 -1.29 0.00	136.71 -0.40 0.00	74.24 0.24 0.00	66.89 0.10 0.00	59.71 -0.22 0.00	59.17 -0.56 0.00	58.64 -0.52 0.00	61.88 -0.53 0.00	82.51 -0.65 0.00	113.83 -1.04 0.00	169.03 -0.84 0.00	148.30 -0.14 0.00	92.95 -0.40 0.00	113.58 -0.98 0.00	85.33 -1.45 1.08	111.86 -1.76 0.00	118.71 -1.49 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	109.16 -5.92 0.00	86.22 -4.63 0.00	96.11 -4.90 0.00	100.10 -5.48 0.00	93.67 -5.02 0.00	103.33 -5.55 0.00	134.03 -7.28 0.00	185.61 -10.46 0.00	130.41 -6.69 0.00	70.93 -3.08 0.00	63.90 -2.89 0.00	57.10 -2.83 0.00	56.61 -3.12 0.00	56.11 -3.04 0.00	59.23 -3.17 0.00	78.76 -4.40 0.00	108.40 -6.47 0.00	160.97 -8.90 0.00	141.21 -7.24 0.00	88.52 -4.83 0.00	108.21 -6.35 0.00	80.86 -5.47 1.54	106.92 -6.70 0.00	113.84 -6.36 0.00
STA_56___34_KV_BUS2 355983	109.16 -5.92 0.00	86.22 -4.63 0.00	96.11 -4.90 0.00	100.10 -5.48 0.00	93.67 -5.02 0.00	103.33 -5.55 0.00	134.03 -7.28 0.00	185.61 -10.46 0.00	130.41 -6.69 0.00	70.93 -3.08 0.00	63.90 -2.89 0.00	57.10 -2.83 0.00	56.61 -3.12 0.00	56.11 -3.04 0.00	59.23 -3.17 0.00	78.76 -4.40 0.00	108.40 -6.47 0.00	160.97 -8.90 0.00	141.21 -7.24 0.00	88.52 -4.83 0.00	108.21 -6.35 0.00	80.86 -5.47 1.54	106.92 -6.70 0.00	113.84 -6.36 0.00
STA_67___115KV_BK2 355882	109.30 -5.78 0.00	86.33 -4.52 0.00	96.25 -4.76 0.00	100.23 -5.35 0.00	93.78 -4.90 0.00	103.39 -5.49 0.00	134.05 -7.26 0.00	185.48 -10.59 0.00	130.39 -6.71 0.00	70.97 -3.04 0.00	63.94 -2.85 0.00	57.12 -2.81 0.00	56.60 -3.13 0.00	56.12 -3.04 0.00	59.23 -3.17 0.00	78.71 -4.44 0.00	108.27 -6.60 0.00	160.79 -9.08 0.00	141.08 -7.37 0.00	88.45 -4.90 0.00	108.12 -6.44 0.00	80.77 -5.53 1.57	106.93 -6.69 0.00	113.93 -6.27 0.00
STA_7___115KV_9TRANS 80674	110.18 -4.90 0.00	87.01 -3.84 0.00	96.96 -4.05 0.00	100.97 -4.61 0.00	94.52 -4.17 0.00	104.23 -4.64 0.00	135.18 -6.13 0.00	187.22 -8.85 0.00	131.60 -5.51 0.00	71.65 -2.35 0.00	64.54 -2.25 0.00	57.68 -2.25 0.00	57.15 -2.57 0.00	56.66 -2.50 0.00	59.80 -2.60 0.00	79.50 -3.65 0.00	109.37 -5.50 0.00	162.39 -7.48 0.00	142.55 -5.89 0.00	89.37 -3.98 0.00	109.20 -5.36 0.00	81.56 -4.74 1.57	107.89 -5.73 0.00	114.87 -5.33 0.00
STA_82___115KV_TB1 80780	109.35 -5.73 0.00	86.38 -4.46 0.00	96.28 -4.73 0.00	100.25 -5.32 0.00	93.84 -4.85 0.00	103.44 -5.43 0.00	134.13 -7.18 0.00	185.66 -10.41 0.00	130.47 -6.63 0.00	71.00 -3.01 0.00	63.95 -2.84 0.00	57.14 -2.79 0.00	56.62 -3.11 0.00	56.14 -3.02 0.00	59.25 -3.16 0.00	78.76 -4.40 0.00	108.32 -6.55 0.00	160.86 -9.01 0.00	141.18 -7.27 0.00	88.49 -4.86 0.00	108.17 -6.39 0.00	80.82 -5.48 1.56	107.00 -6.62 0.00	114.00 -6.20 0.00
STEEL___WIND 323596	107.70 -7.38 0.00	85.32 -5.52 0.00	95.31 -5.70 0.00	99.04 -6.53 0.00	92.80 -5.88 0.00	102.04 -6.83 0.00	131.73 -9.59 0.00	181.51 -14.56 0.00	127.91 -9.19 0.00	69.93 -4.08 0.00	62.97 -3.82 0.00	56.21 -3.72 0.00	55.64 -4.09 0.00	55.58 -3.58 0.00	58.70 -3.71 0.00	77.71 -5.44 0.00	106.40 -8.47 0.00	158.05 -11.82 0.00	138.83 -9.61 0.00	86.76 -6.59 0.00	105.08 -9.48 0.00	77.88 -8.10 1.88	103.89 -9.73 0.00	111.55 -8.65 0.00
STEPHTWN_115KV_BK_2 55603	156.09 5.29 -35.72	138.00 3.87 -43.28	127.36 4.32 -22.03	121.17 4.24 -11.36	106.11 3.95 -3.47	112.78 3.90 0.00	146.75 5.44 0.00	203.77 7.70 0.00	142.11 5.01 0.00	76.50 2.49 0.00	68.99 2.20 0.00	61.88 1.95 0.00	61.72 1.99 0.00	61.16 2.00 0.00	64.39 1.98 0.00	85.47 2.31 0.00	118.30 3.43 0.00	174.84 4.97 0.00	152.72 4.27 0.00	96.34 3.00 0.00	118.53 3.97 0.00	91.18 3.32 0.00	118.46 4.84 0.00	125.92 5.72 0.00
STEUBEN_REC_LFGE 323667	113.67 -3.60 -2.18	91.19 -2.30 -2.64	99.73 -2.63 -1.35	103.33 -2.94 -0.69	96.79 -2.10 -0.21	106.48 -2.39 0.00	137.96 -3.35 0.00	191.54 -4.53 0.00	134.55 -2.55 0.00	73.26 -0.74 0.00	65.56 -1.23 0.00	58.37 -1.55 0.00	57.88 -1.85 0.00	57.49 -1.66 0.00	60.55 -1.85 0.00	80.54 -2.61 0.00	111.59 -3.28 0.00	166.79 -3.08 0.00	146.07 -2.37 0.00	90.92 -2.43 0.00	109.53 -5.03 0.00	79.63 -4.48 3.75	107.25 -6.37 0.00	113.53 -6.67 0.00
STILLWATER___SOLAR 323814	196.76 7.72 -73.96	186.18 5.70 -89.64	152.89 6.26 -45.63	135.51 6.41 -23.53	111.74 5.87 -7.19	115.07 6.19 0.00	149.68 8.37 0.00	207.95 11.88 0.00	144.61 7.50 0.00	77.65 3.64 0.00	69.97 3.18 0.00	62.64 2.71 0.00	62.40 2.67 0.00	61.75 2.60 0.00	65.17 2.76 0.00	87.32 4.17 0.00	121.29 6.41 0.00	179.40 9.53 0.00	156.71 8.27 0.00	98.91 5.57 0.00	121.59 7.02 0.00	93.30 5.44 0.00	120.65 7.03 0.00	127.42 7.22 0.00
STONY___BROOK 24151	134.35 8.35 -10.92	110.89 5.92 -14.13	115.80 5.56 -9.24	113.78 5.16 -3.05	104.58 4.66 -1.24	116.76 5.64 -2.25	149.18 7.87 0.00	207.39 11.32 0.00	146.31 9.20 0.00	93.08 6.14 -12.93	71.40 4.61 0.00	63.80 3.88 0.00	63.56 3.83 0.00	62.71 3.55 0.00	66.25 3.84 0.00	88.96 5.81 0.00	124.62 9.74 0.00	231.04 13.38 -47.80	185.15 11.47 -25.23	185.46 9.04 -83.07	159.93 10.87 -34.50	189.76 7.80 -94.09	232.74 9.41 -109.72	346.49 9.86 -216.44
STURGEON_POOL_HYD 23609	130.64 4.97 -10.59	106.98 3.30 -12.84	110.96 3.42 -6.53	112.34 3.40 -3.37	102.88 3.17 -1.03	112.51 3.64 0.00	146.55 5.24 0.00	204.26 8.19 0.00	143.52 6.42 0.00	77.64 3.63 0.00	70.02 3.23 0.00	62.77 2.85 0.00	62.52 2.79 0.00	61.90 2.75 0.00	65.19 2.78 0.00	87.07 3.91 0.00	120.62 5.75 0.00	178.68 8.81 0.00	156.13 7.68 0.00	98.64 5.29 0.00	120.85 6.28 0.00	92.45 4.58 0.00	119.05 5.43 0.00	125.38 5.18 0.00
ST_LAW_115_BK7_LBMP 345037	115.26 0.18 0.00	91.47 0.63 0.00	101.78 0.77 0.00	106.72 1.15 0.00	99.84 1.16 0.00	110.20 1.32 0.00	142.53 1.22 0.00	197.02 0.95 0.00	137.49 0.39 0.00	74.05 0.04 0.00	67.03 0.24 0.00	60.19 0.26 0.00	60.11 0.38 0.00	59.57 0.41 0.00	62.97 0.56 0.00	83.76 0.61 0.00	115.07 0.20 0.00	169.55 -0.32 0.00	148.06 -0.39 0.00	92.68 -0.67 0.00	114.03 -0.54 0.00	87.57 -0.30 0.00	113.59 -0.03 0.00	120.45 0.25 0.00

ST_LAW_115_BK8_LBMP 345038	115.26 0.18 0.00	91.47 0.63 0.00	101.78 0.77 0.00	106.72 1.15 0.00	99.84 1.16 0.00	110.20 1.32 0.00	142.53 1.22 0.00	197.02 0.95 0.00	137.49 0.39 0.00	74.05 0.04 0.00	67.03 0.24 0.00	60.19 0.26 0.00	60.11 0.38 0.00	59.57 0.41 0.00	62.97 0.56 0.00	83.76 0.61 0.00	115.07 0.20 0.00	169.55 -0.32 0.00	148.06 -0.39 0.00	92.68 -0.67 0.00	114.03 -0.54 0.00	87.57 -0.30 0.00	113.59 -0.03 0.00	120.45 0.25 0.00
ST_LAW_230_BK5_LBMP 345035	115.11 0.03 0.00	91.35 0.50 0.00	101.66 0.65 0.00	106.53 0.96 0.00	99.69 1.01 0.00	110.07 1.20 0.00	142.35 1.04 0.00	196.81 0.74 0.00	137.37 0.26 0.00	74.01 0.00 0.00	66.97 0.18 0.00	60.13 0.20 0.00	60.04 0.32 0.00	59.51 0.35 0.00	62.91 0.50 0.00	83.69 0.53 0.00	114.98 0.11 0.00	169.51 -0.35 0.00	148.07 -0.38 0.00	92.73 -0.62 0.00	114.03 -0.54 0.00	87.55 -0.32 0.00	113.53 -0.09 0.00	120.38 0.18 0.00
ST_LAW_230_BK6_LBMP 345036	115.11 0.03 0.00	91.35 0.50 0.00	101.66 0.65 0.00	106.53 0.96 0.00	99.69 1.01 0.00	110.07 1.20 0.00	142.35 1.04 0.00	196.81 0.74 0.00	137.37 0.26 0.00	74.01 0.00 0.00	66.97 0.18 0.00	60.13 0.20 0.00	60.04 0.32 0.00	59.51 0.35 0.00	62.91 0.50 0.00	83.69 0.53 0.00	114.98 0.11 0.00	169.51 -0.35 0.00	148.07 -0.38 0.00	92.73 -0.62 0.00	114.03 -0.54 0.00	87.55 -0.32 0.00	113.53 -0.09 0.00	120.38 0.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	125.64 3.94 -6.63	101.39 2.52 -8.03	107.62 2.52 -4.09	110.09 2.41 -2.11	101.49 2.17 -0.64	111.33 2.45 0.00	145.00 3.69 0.00	202.03 5.96 0.00	141.92 4.82 0.00	76.85 2.84 0.00	69.30 2.51 0.00	62.18 2.25 0.00	61.93 2.21 0.00	61.30 2.14 0.00	64.51 2.11 0.00	86.11 2.96 0.00	119.26 4.39 0.00	176.75 6.89 0.00	154.35 5.90 0.00	97.47 4.12 0.00	119.47 4.91 0.00	91.39 3.53 0.00	117.75 4.13 0.00	124.09 3.89 0.00
SWANROAD_115KV_TB1 355699	103.74 -11.34 0.00	82.25 -8.59 0.00	91.94 -9.07 0.00	95.54 -10.04 0.00	89.53 -9.15 0.00	98.34 -10.54 0.00	126.02 -15.30 0.00	172.83 -23.24 0.00	122.01 -15.09 0.00	66.92 -7.09 0.00	60.33 -6.46 0.00	53.84 -6.09 0.00	53.03 -6.70 0.00	52.68 -6.47 0.00	55.63 -6.77 0.00	73.55 -9.61 0.00	100.31 -14.56 0.00	148.88 -21.00 -0.01	130.86 -17.61 -0.02	82.04 -11.31 0.00	100.06 -14.50 0.00	74.36 -11.75 1.77	100.09 -13.53 0.00	107.95 -12.25 0.00
SYNERGY___BIOGAS 323694	109.53 -5.55 0.00	86.58 -4.26 0.00	96.66 -4.35 0.00	100.54 -5.03 0.00	94.25 -4.43 0.00	103.87 -5.01 0.00	134.36 -6.96 0.00	185.64 -10.43 0.00	130.73 -6.37 0.00	71.34 -2.66 0.00	64.13 -2.66 0.00	57.06 -2.86 0.00	56.24 -3.49 0.00	55.87 -3.29 0.00	59.00 -3.40 0.00	78.29 -4.86 0.00	107.41 -7.46 0.00	160.44 -9.44 -0.02	141.15 -7.33 -0.03	88.38 -4.97 0.00	107.69 -6.87 0.00	80.15 -6.06 1.66	106.64 -6.98 0.00	114.21 -5.99 0.00
SYRACUSE___ENERGY_ST1 323597	111.66 -3.42 0.00	88.04 -2.80 0.00	97.87 -3.14 0.00	102.13 -3.44 0.00	95.52 -3.17 0.00	105.51 -3.37 0.00	137.19 -4.13 0.00	190.71 -5.36 0.00	133.49 -3.61 0.00	72.19 -1.82 0.00	64.95 -1.84 0.00	58.13 -1.80 0.00	57.82 -1.91 0.00	57.18 -1.98 0.00	60.32 -2.08 0.00	80.55 -2.61 0.00	112.29 -2.58 0.00	166.91 -2.96 0.00	146.03 -2.42 0.00	91.57 -1.78 0.00	111.89 -2.67 0.00	84.94 -2.58 0.35	110.07 -3.55 0.00	116.37 -3.82 0.00
SYRACUSE___ENERGY_ST2 323598	111.66 -3.42 0.00	88.04 -2.80 0.00	97.87 -3.14 0.00	102.13 -3.44 0.00	95.52 -3.17 0.00	105.51 -3.37 0.00	137.19 -4.13 0.00	190.71 -5.36 0.00	133.49 -3.61 0.00	72.19 -1.82 0.00	64.95 -1.84 0.00	58.13 -1.80 0.00	57.82 -1.91 0.00	57.18 -1.98 0.00	60.32 -2.08 0.00	80.55 -2.61 0.00	112.29 -2.58 0.00	166.91 -2.96 0.00	146.03 -2.42 0.00	91.57 -1.78 0.00	111.89 -2.67 0.00	84.94 -2.58 0.35	110.07 -3.55 0.00	116.37 -3.82 0.00
SYRACUSE___POWER 24017	112.23 -2.85 0.00	88.49 -2.35 0.00	98.42 -2.58 0.00	102.71 -2.86 0.00	96.05 -2.63 0.00	106.10 -2.78 0.00	137.99 -3.32 0.00	191.75 -4.32 0.00	134.27 -2.84 0.00	72.59 -1.41 0.00	65.31 -1.48 0.00	58.48 -1.44 0.00	58.14 -1.59 0.00	57.51 -1.64 0.00	60.64 -1.76 0.00	80.95 -2.20 0.00	112.37 -2.50 0.00	166.90 -2.97 0.00	146.09 -2.36 0.00	91.71 -1.64 0.00	112.26 -2.31 0.00	85.42 -2.08 0.36	110.74 -2.88 0.00	117.11 -3.09 0.00
TALLMAN___138KV_BK151 55660	125.97 4.08 -6.81	101.63 2.54 -8.25	107.72 2.52 -4.20	110.11 2.37 -2.17	101.45 2.10 -0.66	111.30 2.42 0.00	145.00 3.69 0.00	202.09 6.02 0.00	142.17 5.07 0.00	77.06 3.05 0.00	69.54 2.75 0.00	62.40 2.48 0.00	62.18 2.45 0.00	61.51 2.36 0.00	64.73 2.33 0.00	86.33 3.18 0.00	119.56 4.69 0.00	177.17 7.30 0.00	154.65 6.21 0.00	97.73 4.38 0.00	119.71 5.15 0.00	91.45 3.59 0.00	117.76 4.14 0.00	124.08 3.88 0.00
TEALLAVE_115KV_TB7 355573	111.51 -3.57 0.00	87.93 -2.92 0.00	97.78 -3.22 0.00	102.05 -3.52 0.00	95.45 -3.23 0.00	105.41 -3.47 0.00	137.05 -4.27 0.00	190.40 -5.67 0.00	133.35 -3.76 0.00	72.11 -1.90 0.00	64.90 -1.89 0.00	58.12 -1.80 0.00	57.79 -1.94 0.00	57.17 -1.98 0.00	60.27 -2.13 0.00	80.44 -2.71 0.00	111.47 -3.40 0.00	165.50 -4.37 0.00	144.79 -3.66 0.00	90.95 -2.40 0.00	111.35 -3.22 0.00	84.53 -2.70 0.63	110.00 -3.62 0.00	116.35 -3.85 0.00
TELGRAPH_34_KV_EAST 80808	106.45 -8.63 0.00	84.31 -6.53 0.00	94.17 -6.84 0.00	97.91 -7.66 0.00	91.77 -6.91 0.00	100.93 -7.95 0.00	130.00 -11.31 0.00	179.08 -16.99 0.00	126.24 -10.86 0.00	69.08 -4.93 0.00	62.20 -4.59 0.00	55.48 -4.45 0.00	54.71 -5.02 0.00	54.36 -4.80 0.00	57.40 -5.00 0.00	75.99 -7.16 0.00	103.94 -10.93 0.00	154.62 -15.27 -0.02	135.90 -12.59 -0.05	85.14 -8.22 -0.01	103.76 -10.80 0.00	77.18 -8.99 1.69	103.18 -10.44 0.00	110.83 -9.37 0.00
TEMPLE___115KV_TB 2 55572	111.57 -3.51 0.00	87.95 -2.90 0.00	97.82 -3.19 0.00	102.09 -3.49 0.00	95.49 -3.20 0.00	105.46 -3.42 0.00	137.09 -4.22 0.00	190.51 -5.56 0.00	133.40 -3.70 0.00	72.15 -1.86 0.00	64.94 -1.86 0.00	58.16 -1.76 0.00	57.82 -1.91 0.00	57.22 -1.93 0.00	60.32 -2.08 0.00	80.49 -2.66 0.00	111.56 -3.31 0.00	165.60 -4.27 0.00	144.90 -3.55 0.00	91.01 -2.34 0.00	111.38 -3.18 0.00	84.56 -2.67 0.64	110.00 -3.62 0.00	116.39 -3.81 0.00
TIANA____69_KV_BK 1 55817	134.67 8.84 -10.75	111.24 6.51 -13.88	116.16 6.13 -9.02	114.12 5.54 -3.02	104.99 5.09 -1.21	117.18 6.16 -2.15	149.80 8.49 0.00	207.69 11.62 0.00	146.90 9.80 0.00	93.51 6.57 -12.93	71.49 4.70 0.00	63.98 4.06 0.00	63.84 4.11 0.00	63.04 3.89 0.00	66.69 4.28 0.00	89.73 6.58 0.00	125.99 11.12 0.00	225.95 15.20 -40.88	180.45 12.99 -19.01	177.67 10.46 -73.86	157.78 12.61 -30.62	182.09 9.20 -85.02	215.14 11.23 -90.29	300.41 11.14 -169.07
TILDEN___115KV_TB1 80814	112.23 -2.85 0.00	88.49 -2.35 0.00	98.42 -2.58 0.00	102.71 -2.86 0.00	96.05 -2.63 0.00	106.10 -2.78 0.00	137.99 -3.32 0.00	191.75 -4.32 0.00	134.27 -2.84 0.00	72.59 -1.41 0.00	65.31 -1.48 0.00	58.48 -1.44 0.00	58.14 -1.59 0.00	57.51 -1.64 0.00	60.64 -1.76 0.00	80.95 -2.20 0.00	112.37 -2.50 0.00	166.90 -2.97 0.00	146.09 -2.36 0.00	91.71 -1.64 0.00	112.26 -2.31 0.00	85.42 -2.08 0.36	110.74 -2.88 0.00	117.11 -3.09 0.00

TRIGEN___CC 323695	156.55 6.48 -34.99	144.28 4.46 -48.97	145.27 4.28 -39.98	117.54 3.97 -8.00	106.27 3.56 -4.03	126.89 4.23 -13.78	147.13 5.82 0.00	204.85 8.78 0.00	144.58 7.47 0.00	91.67 4.73 -12.93	70.79 4.00 0.00	63.45 3.53 0.00	63.16 3.43 0.00	62.37 3.21 0.00	65.70 3.29 0.00	87.61 4.46 0.00	121.83 6.96 0.00	200.16 10.55 -19.74	157.49 9.04 0.00	145.74 6.71 -45.68	141.31 7.99 -18.76	151.00 5.82 -57.31	151.39 6.88 -30.88	151.22 6.77 -24.26
TRINITY___115KV___4 BK 55933	157.43 4.08 -38.27	140.20 2.98 -46.38	127.93 3.32 -23.61	121.08 3.34 -12.17	105.38 2.98 -3.72	111.59 2.71 0.00	144.98 3.67 0.00	201.20 5.13 0.00	140.58 3.47 0.00	75.96 1.95 0.00	68.66 1.87 0.00	61.59 1.67 0.00	61.36 1.63 0.00	60.78 1.63 0.00	63.95 1.54 0.00	84.74 1.58 0.00	117.01 2.14 0.00	172.53 2.67 0.00	150.64 2.20 0.00	95.12 1.77 0.00	117.16 2.60 0.00	90.17 2.30 0.00	117.24 3.62 0.00	124.60 4.40 0.00
UNION___PROCESSING_DRP 323587	109.37 -5.71 0.00	86.39 -4.45 0.00	96.32 -4.69 0.00	100.30 -5.28 0.00	93.86 -4.82 0.00	103.49 -5.39 0.00	134.20 -7.11 0.00	185.73 -10.34 0.00	130.54 -6.56 0.00	71.05 -2.96 0.00	64.00 -2.79 0.00	57.17 -2.76 0.00	56.65 -3.08 0.00	56.17 -2.99 0.00	59.29 -3.12 0.00	78.79 -4.37 0.00	108.39 -6.48 0.00	160.96 -8.91 0.00	141.25 -7.20 0.00	88.55 -4.80 0.00	108.25 -6.31 0.00	80.88 -5.43 1.56	107.04 -6.58 0.00	114.05 -6.15 0.00
UPPER HUDSON___HYD 24058	202.13 9.92 -77.13	191.77 7.46 -93.47	156.77 8.18 -47.58	138.25 8.13 -24.54	113.55 7.36 -7.50	116.28 7.41 0.00	151.12 9.81 0.00	209.80 13.73 0.00	145.78 8.68 0.00	78.11 4.10 0.00	70.33 3.54 0.00	62.86 2.94 0.00	62.61 2.88 0.00	61.89 2.73 0.00	65.33 2.93 0.00	87.62 4.46 0.00	122.02 7.14 0.00	180.48 10.61 0.00	157.63 9.18 0.00	99.45 6.10 0.00	122.20 7.64 0.00	93.87 6.00 0.00	121.44 7.82 0.00	128.16 7.96 0.00
UPPER RAQUET___HYD 24056	117.85 2.77 0.00	93.72 2.87 0.00	104.35 3.34 0.00	109.36 3.78 0.00	101.99 3.31 0.00	112.76 3.88 0.00	145.04 3.73 0.00	200.57 4.50 0.00	139.91 2.80 0.00	75.32 1.32 0.00	68.45 1.66 0.00	61.48 1.56 0.00	61.37 1.64 0.00	60.79 1.63 0.00	64.19 1.78 0.00	84.83 1.68 0.00	116.16 1.29 0.00	170.73 0.86 0.00	149.14 0.70 0.00	92.76 -0.59 0.00	114.23 -0.33 0.00	88.54 0.68 0.00	116.04 2.42 0.00	122.92 2.72 0.00
VALLEY44_115KV_TB2 355964	111.76 -5.12 -1.80	88.75 -4.28 -2.19	97.72 -4.40 -1.11	100.99 -5.16 -0.57	94.18 -4.68 -0.17	102.84 -6.03 0.00	132.53 -8.78 0.00	183.06 -13.01 0.00	128.76 -8.35 0.00	70.34 -3.67 0.00	63.56 -3.23 0.00	57.13 -2.79 0.00	56.93 -2.80 0.00	56.66 -2.50 0.00	59.85 -2.56 0.00	78.95 -4.20 0.00	107.98 -6.89 0.00	160.06 -9.81 0.00	140.02 -8.43 0.00	87.82 -5.53 0.00	106.66 -7.89 0.00	79.66 -6.20 2.00	106.32 -7.30 0.00	113.51 -6.69 0.00
VALLEY___115KV_TB 1-4 80826	119.20 4.13 0.00	93.42 2.58 0.00	103.99 2.99 0.00	108.59 3.02 0.00	101.39 2.71 0.00	111.84 2.96 0.00	146.30 4.99 0.00	203.92 7.85 0.00	141.05 3.95 0.00	75.34 1.33 0.00	67.85 1.06 0.00	60.58 0.65 0.00	60.20 0.47 0.00	59.88 0.73 0.00	63.06 0.66 0.00	84.49 1.34 0.00	118.43 3.56 0.00	176.42 6.55 0.00	154.11 5.66 0.00	97.63 4.28 0.00	120.01 5.45 0.00	92.23 4.37 0.00	118.92 5.30 0.00	125.38 5.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	132.40 6.82 -10.51	108.70 5.12 -12.74	113.33 5.84 -6.48	114.85 5.94 -3.34	105.33 5.63 -1.02	115.31 6.44 0.00	150.16 8.85 0.00	208.60 12.53 0.00	146.13 9.03 0.00	79.06 5.05 0.00	71.17 4.38 0.00	63.68 3.75 0.00	63.29 3.57 0.00	62.62 3.47 0.00	65.97 3.57 0.00	88.25 5.10 0.00	122.34 7.47 0.00	181.22 11.36 0.00	158.46 10.02 0.00	99.71 6.36 0.00	122.30 7.73 0.00	93.50 5.86 0.22	121.01 7.38 0.00	127.69 7.49 0.00
VISCHER___FERRY HYD 24020	184.35 6.03 -63.24	171.82 4.34 -76.64	144.72 4.70 -39.01	130.55 4.85 -20.12	109.22 4.39 -6.15	113.43 4.56 0.00	147.49 6.17 0.00	204.70 8.63 0.00	142.81 5.71 0.00	77.01 3.00 0.00	69.59 2.80 0.00	62.36 2.43 0.00	62.11 2.39 0.00	61.55 2.39 0.00	64.86 2.46 0.00	86.57 3.42 0.00	119.70 4.82 0.00	176.62 6.75 0.00	154.26 5.82 0.00	97.50 4.15 0.00	120.05 5.49 0.00	92.21 4.34 0.00	119.30 5.68 0.00	126.07 5.87 0.00
V_A_10_SYNC_DSASP 323832	106.03 -9.05 0.00	83.86 -6.99 0.00	93.65 -7.36 0.00	97.41 -8.17 0.00	91.15 -7.53 0.00	100.17 -8.70 0.00	129.25 -12.06 0.00	178.07 -18.00 0.00	125.38 -11.72 0.00	68.51 -5.50 0.00	61.70 -5.09 0.00	55.15 -4.78 0.00	54.60 -5.13 0.00	54.21 -4.94 0.00	57.24 -5.16 0.00	75.80 -7.35 0.00	103.80 -11.07 0.00	153.93 -15.94 0.00	135.29 -13.14 0.01	84.72 -8.62 0.00	103.53 -11.03 0.00	77.10 -9.06 1.71	102.78 -10.84 0.00	110.20 -10.00 0.00
V_CMM_10_SYNC_DSASP 323787	115.81 0.73 0.00	91.65 0.81 0.00	101.96 0.95 0.00	106.90 1.33 0.00	100.00 1.31 0.00	110.36 1.49 0.00	142.67 1.36 0.00	197.21 1.14 0.00	137.64 0.53 0.00	74.15 0.15 0.00	67.13 0.34 0.00	60.26 0.33 0.00	60.19 0.46 0.00	59.65 0.49 0.00	63.05 0.65 0.00	83.86 0.71 0.00	115.20 0.33 0.00	169.75 -0.12 0.00	148.25 -0.19 0.00	92.80 -0.55 0.00	114.14 -0.42 0.00	87.69 -0.17 0.00	113.73 0.11 0.00	120.61 0.41 0.00
V_CMP_10_SYNC_DSASP 323788	116.69 1.61 0.00	92.80 1.96 0.00	103.57 2.56 0.00	108.74 3.17 0.00	101.62 2.94 0.00	111.76 2.88 0.00	144.28 2.97 0.00	197.40 1.33 0.00	137.73 0.63 0.00	74.34 0.33 0.00	68.03 1.24 0.00	60.95 1.02 0.00	60.73 1.01 0.00	60.29 1.14 0.00	63.68 1.27 0.00	84.94 1.79 0.00	115.47 0.60 0.00	169.93 0.06 0.00	148.40 -0.04 0.00	93.12 -0.23 0.00	114.99 0.43 0.00	89.11 1.25 0.00	115.34 1.72 0.00	123.12 2.92 0.00
V_D_10_SYNC_DSASP 323841	116.97 1.89 0.00	92.91 2.07 0.00	103.40 2.40 0.00	108.41 2.83 0.00	101.36 2.67 0.00	111.93 3.06 0.00	144.65 3.34 0.00	199.93 3.86 0.00	139.52 2.42 0.00	75.14 1.14 0.00	68.04 1.25 0.00	61.08 1.15 0.00	61.00 1.28 0.00	60.43 1.28 0.00	63.89 1.49 0.00	84.92 1.77 0.00	116.59 1.72 0.00	171.27 1.41 0.00	149.58 1.14 0.00	93.25 -0.10 0.00	114.76 0.19 0.00	88.50 0.64 0.00	115.25 1.63 0.00	121.87 1.67 0.00
V_E_10_SYNC_DSASP 323830	128.69 8.71 -4.90	103.74 6.96 -5.94	111.91 7.88 -3.02	115.55 8.42 -1.56	107.72 8.56 -0.48	119.32 10.44 0.00	156.40 15.09 0.00	218.82 22.75 0.00	152.77 15.66 0.00	81.89 7.88 0.00	72.84 6.05 0.00	64.38 4.46 0.00	63.70 3.98 0.00	63.08 3.92 0.00	66.40 3.99 0.00	89.50 6.34 0.00	126.33 11.45 0.00	189.80 19.93 0.00	166.68 18.23 0.00	104.56 11.21 0.00	127.84 13.28 0.00	98.34 9.50 -0.97	124.54 10.92 0.00	129.85 9.65 0.00
V_F_30_NSYNC___DSASP 323816	198.20 7.74 -75.38	187.96 5.77 -91.35	153.86 6.35 -46.50	136.02 6.47 -23.98	111.92 5.91 -7.33	115.14 6.26 0.00	149.73 8.42 0.00	208.12 12.05 0.00	144.76 7.66 0.00	77.75 3.74 0.00	70.08 3.29 0.00	62.75 2.83 0.00	62.50 2.77 0.00	61.86 2.70 0.00	65.28 2.88 0.00	87.46 4.30 0.00	121.40 6.53 0.00	179.61 9.74 0.00	156.86 8.42 0.00	98.98 5.63 0.00	121.61 7.05 0.00	93.33 5.46 0.00	120.67 7.05 0.00	127.44 7.24 0.00



V_F_30_SYNC_DSASP 323786	167.97 4.44 -48.45	152.83 3.27 -58.72	134.53 3.63 -29.89	124.64 3.65 -15.41	106.67 3.28 -4.71	111.93 3.06 0.00	145.48 4.17 0.00	201.93 5.86 0.00	141.10 4.00 0.00	76.25 2.25 0.00	68.91 2.12 0.00	61.82 1.90 0.00	61.57 1.85 0.00	61.00 1.85 0.00	64.19 1.79 0.00	85.08 1.93 0.00	117.60 2.73 0.00	173.45 3.58 0.00	151.46 3.01 0.00	95.58 2.24 0.00	117.72 3.15 0.00	90.53 2.67 0.00	117.68 4.05 0.00	125.04 4.84 0.00
V_XM_10_SYNC_DSASP 323789	116.69 1.61 0.00	92.80 1.96 0.00	103.57 2.56 0.00	108.74 3.17 0.00	101.62 2.94 0.00	111.76 2.88 0.00	144.28 2.97 0.00	197.40 1.33 0.00	137.73 0.63 0.00	74.34 0.33 0.00	68.03 1.24 0.00	60.95 1.02 0.00	60.73 1.01 0.00	60.29 1.14 0.00	63.68 1.27 0.00	84.94 1.79 0.00	115.47 0.60 0.00	169.93 0.06 0.00	148.40 -0.04 0.00	93.12 -0.23 0.00	114.99 0.43 0.00	89.11 1.25 0.00	115.34 1.72 0.00	123.12 2.92 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	126.41 4.48 -6.85	102.01 2.86 -8.30	108.11 2.87 -4.23	110.47 2.72 -2.18	101.81 2.46 -0.67	111.67 2.80 0.00	145.55 4.24 0.00	202.87 6.80 0.00	142.71 5.61 0.00	77.32 3.31 0.00	69.77 2.99 0.00	62.63 2.71 0.00	62.39 2.66 0.00	61.73 2.58 0.00	64.95 2.54 0.00	86.67 3.51 0.00	120.02 5.15 0.00	177.85 7.98 0.00	155.27 6.83 0.00	98.10 4.75 0.00	120.19 5.62 0.00	91.82 3.96 0.00	118.23 4.61 0.00	124.55 4.35 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	127.33 5.11 -7.13	102.86 3.37 -8.65	108.71 3.30 -4.40	110.99 3.15 -2.27	102.23 2.85 -0.69	112.06 3.18 0.00	146.13 4.82 0.00	203.92 7.85 0.00	143.71 6.61 0.00	77.94 3.93 0.00	70.47 3.68 0.00	63.27 3.35 0.00	63.09 3.36 0.00	62.43 3.28 0.00	65.58 3.17 0.00	87.44 4.29 0.00	121.08 6.21 0.00	179.37 9.51 0.00	156.59 8.14 0.00	98.90 5.55 0.00	121.14 6.58 0.00	92.55 4.69 0.00	119.08 5.46 0.00	125.41 5.21 0.00
W50THST__13_KV_LOAD 356117	128.25 6.03 -7.13	103.60 4.11 -8.65	109.50 4.09 -4.40	111.83 3.98 -2.27	103.01 3.63 -0.69	112.94 4.07 0.00	147.38 6.07 0.00	205.90 9.83 0.00	145.19 8.09 0.00	78.82 4.81 0.00	71.28 4.49 0.00	64.02 4.10 0.00	63.84 4.11 0.00	63.18 4.03 0.00	66.35 3.95 0.00	88.46 5.31 0.00	122.50 7.63 0.00	181.44 11.57 0.00	158.32 9.87 0.00	99.90 6.55 0.00	122.28 7.71 0.00	93.35 5.48 0.00	120.04 6.42 0.00	126.35 6.15 0.00
WADING RIVER_IC_1 23522	134.26 8.44 -10.73	110.76 6.06 -13.86	115.73 5.72 -9.00	113.78 5.20 -3.01	104.64 4.75 -1.21	116.78 5.77 -2.14	149.30 7.99 0.00	207.27 11.20 0.00	146.55 9.45 0.00	93.24 6.30 -12.93	71.28 4.49 0.00	63.72 3.79 0.00	63.53 3.80 0.00	62.69 3.53 0.00	66.29 3.89 0.00	89.14 5.98 0.00	125.03 10.16 0.00	224.56 13.89 -40.80	179.14 11.76 -18.94	176.70 9.61 -73.74	156.67 11.53 -30.57	181.23 8.45 -84.92	213.90 10.23 -90.05	298.99 10.29 -168.50
WADING RIVER_IC_2 23547	134.26 8.44 -10.73	110.76 6.06 -13.86	115.73 5.72 -9.00	113.78 5.20 -3.01	104.64 4.75 -1.21	116.78 5.77 -2.14	149.30 7.99 0.00	207.27 11.20 0.00	146.55 9.45 0.00	93.24 6.30 -12.93	71.28 4.49 0.00	63.72 3.79 0.00	63.53 3.80 0.00	62.69 3.53 0.00	66.29 3.89 0.00	89.14 5.98 0.00	125.03 10.16 0.00	224.56 13.89 -40.80	179.14 11.76 -18.94	176.70 9.61 -73.74	156.67 11.53 -30.57	181.23 8.45 -84.92	213.90 10.23 -90.05	298.99 10.29 -168.50
WADING RIVER_IC_3 23601	134.26 8.44 -10.73	110.76 6.06 -13.86	115.73 5.72 -9.00	113.78 5.20 -3.01	104.64 4.75 -1.21	116.78 5.77 -2.14	149.30 7.99 0.00	207.27 11.20 0.00	146.55 9.45 0.00	93.24 6.30 -12.93	71.28 4.49 0.00	63.72 3.79 0.00	63.53 3.80 0.00	62.69 3.53 0.00	66.29 3.89 0.00	89.14 5.98 0.00	125.03 10.16 0.00	224.56 13.89 -40.80	179.14 11.76 -18.94	176.70 9.61 -73.74	156.67 11.53 -30.57	181.23 8.45 -84.92	213.90 10.23 -90.05	298.99 10.29 -168.50
WALDENNY_12_KV_BK2 80841	107.70 -7.38 0.00	85.34 -5.51 0.00	95.31 -5.69 0.00	99.08 -6.49 0.00	92.86 -5.82 0.00	102.08 -6.79 0.00	131.69 -9.62 0.00	181.40 -14.68 0.00	127.87 -9.24 0.00	69.97 -4.03 0.00	63.06 -3.73 0.00	56.30 -3.62 0.00	55.67 -4.05 0.00	55.52 -3.63 0.00	58.65 -3.75 0.00	77.66 -5.49 0.00	106.28 -8.59 0.00	157.83 -12.04 0.00	138.64 -9.81 0.00	86.69 -6.66 0.00	105.08 -9.48 0.00	77.94 -8.06 1.86	104.03 -9.59 0.00	111.68 -8.51 0.00
WALDEN__HYDRO 24148	127.04 4.84 -7.12	102.70 3.23 -8.63	108.68 3.28 -4.39	111.04 3.20 -2.26	102.33 2.96 -0.69	112.24 3.37 0.00	146.25 4.94 0.00	203.80 7.74 0.00	143.12 6.01 0.00	77.36 3.35 0.00	69.75 2.96 0.00	62.54 2.62 0.00	62.29 2.56 0.00	61.67 2.51 0.00	64.95 2.55 0.00	86.73 3.58 0.00	120.26 5.39 0.00	178.27 8.40 0.00	155.73 7.29 0.00	98.37 5.02 0.00	120.53 5.97 0.00	92.19 4.33 0.00	118.74 5.12 0.00	125.11 4.91 0.00
WARRENSBURG____ 23737	202.13 9.92 -77.13	191.77 7.46 -93.47	156.77 8.18 -47.58	138.25 8.13 -24.54	113.55 7.36 -7.50	116.28 7.41 0.00	151.12 9.81 0.00	209.80 13.73 0.00	145.78 8.68 0.00	78.11 4.10 0.00	70.33 3.54 0.00	62.86 2.94 0.00	62.61 2.88 0.00	61.89 2.73 0.00	65.33 2.93 0.00	87.62 4.46 0.00	122.02 7.14 0.00	180.48 10.61 0.00	157.63 9.18 0.00	99.45 6.10 0.00	122.20 7.64 0.00	93.87 6.00 0.00	121.44 7.82 0.00	128.16 7.96 0.00
WATERSIDE____6 8 9 23538	127.17 4.96 -7.14	102.76 3.27 -8.65	108.60 3.19 -4.40	110.84 3.00 -2.27	102.04 2.66 -0.69	111.95 3.08 0.00	145.98 4.66 0.00	203.79 7.72 0.00	143.77 6.66 0.00	77.81 3.99 0.19	70.34 3.76 0.21	63.38 3.45 0.00	60.90 3.50 2.33	61.39 3.44 1.21	65.68 3.28 0.00	87.60 4.45 0.00	121.30 6.43 0.00	178.12 9.95 1.70	137.13 8.46 19.78	92.44 5.76 6.67	120.62 6.75 0.70	92.63 4.77 0.00	119.14 5.52 0.00	125.41 5.22 0.00
WATKINRD_115KV_LN8_ILLION 55919	122.12 7.04 0.00	95.41 4.57 0.00	106.12 5.11 0.00	110.70 5.13 0.00	103.33 4.65 0.00	113.90 5.02 0.00	149.43 8.12 0.00	208.63 12.56 0.00	143.28 6.18 0.00	75.85 1.84 0.00	68.26 1.48 0.00	60.79 0.86 0.00	60.32 0.59 0.00	60.07 0.91 0.00	63.26 0.86 0.00	85.03 1.88 0.00	120.28 5.41 0.00	180.17 10.30 0.00	157.50 9.05 0.00	99.97 6.62 0.00	123.04 8.48 0.00	94.65 6.79 0.00	121.84 8.22 0.00	128.28 8.08 0.00
WATSON__69_KV_BK 1 55734	136.41 9.24 -12.09	113.21 6.55 -15.82	118.09 6.35 -10.73	114.88 6.02 -3.29	105.52 5.45 -1.38	118.19 6.46 -2.86	150.22 8.90 0.00	208.99 12.92 0.00	147.96 10.85 0.00	93.88 6.94 -12.93	72.02 5.24 0.00	64.29 4.37 0.00	64.02 4.29 0.00	63.12 3.97 0.00	66.70 4.29 0.00	89.50 6.35 0.00	125.28 10.41 0.00	215.24 14.88 -30.49	170.95 12.83 -9.67	163.19 9.83 -60.01	151.17 11.82 -24.79	167.80 8.53 -71.41	185.13 10.42 -61.09	228.66 10.56 -97.90
WDELAWARE__HYD 323627	125.36 2.78 -7.50	101.58 1.65 -9.09	107.17 1.54 -4.63	109.39 1.43 -2.39	100.72 1.31 -0.73	110.59 1.71 0.00	144.22 2.91 0.00	201.15 5.08 0.00	141.05 3.95 0.00	75.92 1.91 0.00	68.29 1.50 0.00	61.14 1.22 0.00	60.85 1.12 0.00	60.24 1.09 0.00	63.55 1.15 0.00	85.11 1.95 0.00	118.35 3.48 0.00	175.62 5.75 0.00	153.59 5.14 0.00	96.96 3.60 0.00	118.81 4.25 0.00	90.82 2.96 0.00	116.94 3.32 0.00	123.17 2.97 0.00

WEST BABYLON___IC 23714	138.70 8.62 -15.00	116.93 6.05 -20.04	121.34 5.88 -14.45	114.96 5.50 -3.89	105.42 4.98 -1.75	119.19 5.93 -4.38	149.48 8.17 0.00	208.24 12.18 0.00	147.28 10.17 0.00	93.38 6.44 -12.93	71.76 4.97 0.00	64.08 4.16 0.00	63.81 4.08 0.00	62.92 3.77 0.00	66.45 4.05 0.00	89.05 5.90 0.00	124.42 9.54 0.00	206.26 14.02 -22.37	162.83 12.03 -2.36	151.64 9.12 -49.17	145.71 10.92 -20.23	156.53 7.91 -60.75	161.40 9.53 -38.25	172.03 9.62 -42.21
WEST CANADA___HYD 24049	116.03 0.95 0.00	91.48 0.64 0.00	101.72 0.71 0.00	106.22 0.65 0.00	99.28 0.60 0.00	109.47 0.60 0.00	142.24 0.93 0.00	197.45 1.38 0.00	138.10 0.99 0.00	74.56 0.55 0.00	67.26 0.47 0.00	60.32 0.39 0.00	60.09 0.36 0.00	59.51 0.35 0.00	62.72 0.31 0.00	83.62 0.46 0.00	115.68 0.81 0.00	171.14 1.27 0.00	149.50 1.06 0.00	94.14 0.79 0.00	115.57 1.01 0.00	88.66 0.79 0.00	114.64 1.02 0.00	121.17 0.97 0.00
WESTERN_NY_WIND 24143	109.24 -5.84 0.00	86.41 -4.43 0.00	96.47 -4.54 0.00	100.33 -5.24 0.00	94.10 -4.59 0.00	103.65 -5.22 0.00	134.05 -7.27 0.00	185.18 -10.90 0.00	130.42 -6.68 0.00	71.20 -2.81 0.00	64.04 -2.75 0.00	57.00 -2.93 0.00	56.12 -3.61 0.00	55.74 -3.42 0.00	58.86 -3.54 0.00	78.10 -5.06 0.00	107.18 -7.70 0.00	159.99 -9.89 -0.02	140.75 -7.74 -0.04	88.15 -5.20 0.00	107.40 -7.16 0.00	79.90 -6.29 1.67	106.40 -7.22 0.00	113.96 -6.24 0.00
WESTOVER___LESR 323668	117.28 -1.07 -3.28	93.84 -0.98 -3.97	101.89 -1.15 -2.02	105.25 -1.37 -1.04	97.76 -1.24 -0.32	107.47 -1.41 0.00	139.53 -1.78 0.00	194.03 -2.04 0.00	135.95 -1.16 0.00	73.60 -0.41 0.00	66.22 -0.57 0.00	59.36 -0.56 0.00	59.06 -0.67 0.00	58.45 -0.70 0.00	61.55 -0.85 0.00	82.20 -0.95 0.00	113.79 -1.08 0.00	168.82 -1.05 0.00	147.76 -0.68 0.00	92.75 -0.60 0.00	113.52 -1.04 0.00	86.04 -0.90 0.92	112.24 -1.38 0.00	118.61 -1.59 0.00
WETHRSFD_WT_PWR 323626	110.00 -6.90 -1.82	87.95 -5.09 -2.20	96.67 -5.46 -1.12	100.00 -6.15 -0.58	93.42 -5.44 -0.18	102.58 -6.29 0.00	132.56 -8.75 0.00	183.07 -13.00 0.00	128.74 -8.36 0.00	70.22 -3.79 0.00	63.09 -3.70 0.00	56.30 -3.62 0.00	55.80 -3.93 0.00	55.56 -3.59 0.00	58.57 -3.83 0.00	77.64 -5.51 0.00	107.00 -7.87 0.00	159.19 -10.67 0.00	139.70 -8.74 0.00	87.21 -6.14 0.00	105.61 -8.95 0.00	78.14 -7.60 2.13	104.11 -9.51 0.00	111.12 -9.08 0.00
WHAVSTOR_138KV_BK127 55557	125.83 3.89 -6.86	101.57 2.41 -8.32	107.62 2.37 -4.24	109.97 2.22 -2.18	101.32 1.97 -0.67	111.11 2.24 0.00	144.79 3.48 0.00	201.75 5.68 0.00	141.91 4.81 0.00	76.90 2.90 0.00	69.40 2.61 0.00	62.30 2.37 0.00	62.07 2.34 0.00	61.41 2.25 0.00	64.60 2.20 0.00	86.17 3.01 0.00	119.35 4.47 0.00	176.83 6.96 0.00	154.36 5.91 0.00	97.54 4.19 0.00	119.52 4.96 0.00	91.36 3.50 0.00	117.66 4.04 0.00	123.96 3.76 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	125.83 3.89 -6.86	101.57 2.41 -8.32	107.62 2.37 -4.24	109.97 2.22 -2.18	101.32 1.97 -0.67	111.11 2.24 0.00	144.79 3.48 0.00	201.75 5.68 0.00	141.91 4.81 0.00	76.90 2.90 0.00	69.40 2.61 0.00	62.30 2.37 0.00	62.07 2.34 0.00	61.41 2.25 0.00	64.60 2.20 0.00	86.17 3.01 0.00	119.35 4.47 0.00	176.83 6.96 0.00	154.36 5.91 0.00	97.54 4.19 0.00	119.52 4.96 0.00	91.36 3.50 0.00	117.66 4.04 0.00	123.96 3.76 0.00
WHITEHAL_115KV_TB1 80871	203.74 12.25 -76.40	192.45 9.02 -92.59	157.78 9.64 -47.13	140.06 10.18 -24.31	116.30 10.19 -7.43	120.03 11.15 0.00	156.64 15.33 0.00	217.54 21.47 0.00	150.63 13.52 0.00	80.50 6.49 0.00	72.24 5.45 0.00	64.74 4.82 0.00	64.48 4.75 0.00	63.71 4.55 0.00	67.46 5.06 0.00	90.68 7.52 0.00	126.26 11.38 0.00	185.56 15.70 0.00	161.98 13.53 0.00	102.50 9.15 0.00	126.26 11.70 0.00	96.90 9.04 0.00	125.82 12.20 0.00	132.23 12.03 0.00
WHITEPLN_13_KV_LOAD 356215	128.49 6.29 -7.12	103.80 4.32 -8.63	109.81 4.41 -4.39	112.14 4.30 -2.27	103.31 3.93 -0.69	113.37 4.49 0.00	147.89 6.58 0.00	206.46 10.39 0.00	145.27 8.16 0.00	78.80 4.79 0.00	71.12 4.33 0.00	63.78 3.86 0.00	63.55 3.82 0.00	62.90 3.74 0.00	66.14 3.74 0.00	88.27 5.11 0.00	122.26 7.39 0.00	181.34 11.47 0.00	158.36 9.92 0.00	100.02 6.67 0.00	122.49 7.92 0.00	93.58 5.72 0.00	120.43 6.81 0.00	126.72 6.52 0.00
WM_FLOYD_69_KV_BK2 356380	134.37 8.47 -10.82	110.87 6.05 -13.98	115.85 5.73 -9.11	113.84 5.24 -3.03	104.69 4.79 -1.22	116.86 5.80 -2.19	149.39 8.07 0.00	207.53 11.46 0.00	146.78 9.67 0.00	93.30 6.36 -12.93	71.28 4.49 0.00	63.68 3.75 0.00	63.46 3.73 0.00	62.62 3.46 0.00	66.20 3.79 0.00	89.08 5.92 0.00	124.89 10.02 0.00	225.27 14.05 -41.34	179.91 12.03 -19.43	177.41 9.59 -74.47	156.96 11.52 -30.88	181.87 8.37 -85.63	215.37 10.16 -91.58	302.68 10.24 -172.23
WOODARD__115KV_TB2 355635	111.36 -3.72 0.00	87.80 -3.04 0.00	97.65 -3.36 0.00	101.92 -3.65 0.00	95.34 -3.35 0.00	105.27 -3.61 0.00	136.86 -4.45 0.00	190.15 -5.92 0.00	133.15 -3.95 0.00	72.00 -2.01 0.00	64.80 -1.99 0.00	58.04 -1.88 0.00	57.70 -2.03 0.00	57.10 -2.05 0.00	60.20 -2.20 0.00	80.34 -2.81 0.00	111.37 -3.50 0.00	165.28 -4.59 0.00	144.64 -3.81 0.00	90.85 -2.50 0.00	111.22 -3.34 0.00	84.51 -2.81 0.54	109.83 -3.79 0.00	116.16 -4.04 0.00
YORK___WARBASSE 23770	127.65 5.44 -7.14	103.07 3.58 -8.65	108.98 3.57 -4.40	111.23 3.39 -2.27	102.41 3.03 -0.69	112.40 3.52 0.00	146.60 5.29 0.00	204.36 8.28 0.00	144.42 7.31 0.00	79.26 4.34 -0.92	71.80 3.99 -1.02	63.60 3.67 0.00	74.89 3.72 -11.44	68.72 3.64 -5.92	65.89 3.49 0.00	87.87 4.72 0.00	121.67 6.80 0.00	188.81 10.59 -8.35	254.69 9.18 -97.07	132.29 6.18 -32.76	125.31 7.32 -3.44	93.13 5.27 0.00	119.70 6.08 0.00	125.97 5.77 0.00