

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/20/2025

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	117.25	91.07	84.64	109.66	83.29	120.43	148.32	168.03	182.45	176.98	205.98	186.43	167.94	172.25	166.93	162.36	168.42	184.70	178.99	171.50	168.44	165.42	165.42	169.27
24138	8.73	5.83	5.23	7.13	5.68	8.00	10.21	10.04	10.36	12.69	15.11	10.10	8.97	9.88	8.41	12.39	13.78	13.27	13.37	14.05	13.39	12.87	12.75	10.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-63.71	-65.15	-57.85	-72.40	-22.84	-1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	117.41	91.22	84.82	109.81	83.43	120.64	148.57	168.28	182.55	177.05	206.52	186.88	168.21	172.51	167.16	162.68	168.84	185.24	179.50	171.78	168.75	165.78	165.77	169.59
24260	8.89	5.97	5.41	7.28	5.82	8.21	10.46	10.29	10.46	12.76	15.66	10.54	9.24	10.13	8.63	12.78	14.20	13.81	13.89	14.33	13.70	13.23	13.11	10.54
	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
74TH STREET_GT_2	117.41	91.22	84.82	109.81	83.43	120.64	148.57	168.28	182.55	177.05	206.52	186.88	168.21	172.51	167.16	162.68	168.84	185.24	179.50	171.78	168.75	165.78	165.77	169.59
24261	8.89	5.97	5.41	7.28	5.82	8.21	10.46	10.29	10.46	12.76	15.66	10.54	9.24	10.13	8.63	12.78	14.20	13.81	13.89	14.33	13.70	13.23	13.11	10.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-63.72	-65.16	-57.86	-72.41	-22.78	-1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	116.31	90.66	84.45	109.00	82.73	119.98	148.17	168.77	184.38	177.60	208.10	203.43	184.41	186.82	185.25	145.27	165.87	185.98	179.90	170.76	168.19	165.08	164.37	170.03
24011	7.80	5.42	5.04	6.47	5.12	7.55	10.06	10.78	12.29	13.31	17.17	10.16	8.12	9.07	7.48	11.10	13.00	14.55	14.29	13.31	13.14	12.52	11.70	10.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-80.64	-82.47	-73.23	-91.65	-7.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	116.87	91.05	84.88	109.51	83.20	120.71	149.18	169.92	185.83	179.10	210.16	204.48	185.27	187.73	185.96	146.19	166.94	187.36	181.32	171.93	169.49	166.31	165.37	171.03
23798	8.35	5.80	5.47	6.98	5.59	8.28	11.07	11.93	13.74	14.81	19.23	11.16	8.91	9.93	8.13	12.01	14.07	15.93	15.70	14.47	14.45	13.75	12.71	11.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-80.70	-82.53	-73.28	-91.72	-7.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	116.31	90.66	84.45	109.00	82.73	119.98	148.17	168.77	184.38	177.60	208.10	203.43	184.41	186.82	185.25	145.27	165.87	185.98	179.90	170.76	168.19	165.08	164.37	170.03
24028	7.80	5.42	5.04	6.47	5.12	7.55	10.06	10.78	12.29	13.31	17.17	10.16	8.12	9.07	7.48	11.10	13.00	14.55	14.29	13.31	13.14	12.52	11.70	10.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-80.64	-82.47	-73.23	-91.65	-7.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	114.86	89.44	83.18	107.35	81.37	117.69	144.66	163.83	178.65	172.91	203.85	198.41	179.92	182.67	180.60	145.01	162.15	180.59	174.52	165.82	163.91	161.04	160.78	166.22
23527	6.35	4.19	3.77	4.82	3.76	5.26	6.55	5.84	6.56	8.63	12.94	8.03	6.58	7.54	6.12	8.60	9.02	9.16	8.90	8.37	8.86	8.49	8.11	7.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-77.75	-79.51	-70.60	-88.37	-9.28	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	112.26	87.64	81.62	105.39	79.86	115.56	141.96	160.87	174.89	169.01	197.48	194.97	177.30	179.52	177.85	138.09	156.20	174.22	168.33	160.48	157.96	156.37	157.56	162.99
24190	3.75	2.40	2.21	2.86	2.25	3.12	3.86	2.88	2.80	4.72	6.56	4.33	3.70	4.16	3.07	4.15	3.33	2.79	2.72	3.03	2.91	3.82	4.90	3.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-78.02	-79.78	-70.84	-88.66	-6.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	107.00	84.40	78.73	101.93	76.92	111.53	136.78	157.96	172.29	161.95	186.72	109.56	91.86	102.13	83.93	124.03	150.42	169.88	163.87	155.25	153.36	151.17	151.22	159.03
355683	-1.52	-0.85	-0.68	-0.59	-0.69	-0.90	-1.33	-0.02	0.20	-2.34	-3.92	-3.06	-1.96	-2.38	-2.19	-3.10	-2.46	-1.55	-1.75	-2.20	-1.69	-1.39	-1.45	-0.02
	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	113.56	88.76	82.66	106.74	80.87	117.06	143.85	162.66	176.46	169.93	198.40	195.03	177.27	179.66	178.03	139.54	159.13	177.69	171.69	163.57	161.04	158.82	159.42	164.99
323833	5.05	3.51	3.25	4.21	3.26	4.63	5.75	4.68	4.37	5.65	7.48	4.80	4.08	4.66	3.71	5.64	6.26	6.26	6.07	6.12	5.99	6.28	6.75	5.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-77.61	-79.36	-70.47	-88.20	-6.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	113.54	88.73	82.63	106.71	80.87	117.01	143.80	162.62	176.43	169.91	198.36	195.03	177.27	179.66	178.01	139.52	159.06	177.68	171.67	163.55	160.97	158.79	159.41	164.93
323834	5.03	3.48	3.22	4.18	3.26	4.58	5.69	4.64	4.34	5.62	7.45	4.80	4.08	4.66	3.69	5.61	6.18	6.25	6.05	6.10	5.92	6.23	6.74	5.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-77.61	-79.36	-70.47	-88.20	-6.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	112.26	87.64	81.62	105.39	79.86	115.56	141.96	160.87	174.89	169.01	197.48	194.97	177.30	179.52	177.85	138.09	156.20	174.22	168.33	160.48	157.96	156.37	157.56	162.99
23571	3.75	2.40	2.21	2.86	2.25	3.12	3.86	2.88	2.80	4.72	6.56	4.33	3.70	4.16	3.07	4.15	3.33	2.79	2.72	3.03	2.91	3.82	4.90	3.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-78.02	-79.78	-70.84	-88.66	-6.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	112.26 3.75 0.00	87.64 2.40 0.00	81.62 2.21 0.00	105.39 2.86 0.00	79.86 2.25 0.00	115.56 3.12 0.00	141.96 3.86 0.00	160.87 2.88 0.00	174.89 2.80 0.00	169.01 4.72 0.00	197.48 6.56 -0.28	194.97 4.33 -78.02	177.30 3.70 -79.78	179.52 4.16 -70.84	177.85 3.07 -88.66	138.09 4.15 -6.81	156.20 3.33 0.00	174.22 2.79 0.00	168.33 2.72 0.00	160.48 3.03 0.00	157.96 2.91 0.00	156.37 3.82 0.00	157.56 4.90 0.00	162.99 3.94 0.00
ALBANY___3 23573	112.26 3.75 0.00	87.64 2.40 0.00	81.62 2.21 0.00	105.39 2.86 0.00	79.86 2.25 0.00	115.56 3.12 0.00	141.96 3.86 0.00	160.87 2.88 0.00	174.89 2.80 0.00	169.01 4.72 0.00	197.48 6.56 -0.28	194.97 4.33 -78.02	177.30 3.70 -79.78	179.52 4.16 -70.84	177.85 3.07 -88.66	138.09 4.15 -6.81	156.20 3.33 0.00	174.22 2.79 0.00	168.33 2.72 0.00	160.48 3.03 0.00	157.96 2.91 0.00	156.37 3.82 0.00	157.56 4.90 0.00	162.99 3.94 0.00
ALBANY___4 23574	112.26 3.75 0.00	87.64 2.40 0.00	81.62 2.21 0.00	105.39 2.86 0.00	79.86 2.25 0.00	115.56 3.12 0.00	141.96 3.86 0.00	160.87 2.88 0.00	174.89 2.80 0.00	169.01 4.72 0.00	197.48 6.56 -0.28	194.97 4.33 -78.02	177.30 3.70 -79.78	179.52 4.16 -70.84	177.85 3.07 -88.66	138.09 4.15 -6.81	156.20 3.33 0.00	174.22 2.79 0.00	168.33 2.72 0.00	160.48 3.03 0.00	157.96 2.91 0.00	156.37 3.82 0.00	157.56 4.90 0.00	162.99 3.94 0.00
ALBANY___LFGE 323615	113.11 4.60 0.00	88.28 3.03 0.00	82.21 2.80 0.00	106.17 3.64 0.00	80.44 2.83 0.00	116.43 4.00 0.00	143.15 5.05 0.00	162.34 4.35 0.00	176.55 4.46 0.00	170.54 6.25 0.00	199.37 8.45 -0.29	196.81 5.42 -78.77	178.94 4.57 -80.55	181.23 5.18 -71.52	179.64 4.00 -89.52	139.57 5.57 -6.88	158.12 5.25 0.00	176.50 5.07 0.00	170.53 4.91 0.00	162.47 5.02 0.00	159.93 4.88 0.00	158.08 5.53 0.00	158.93 6.27 0.00	164.36 5.31 0.00
ALCOA_PA_115KV_PL-6C 55860	108.44 -0.08 0.00	85.32 0.08 0.00	79.58 0.17 0.00	103.26 0.73 0.00	77.60 -0.01 0.00	112.36 -0.07 0.00	137.69 -0.41 0.00	159.40 1.41 0.00	174.06 1.97 0.00	162.33 -1.96 0.00	187.15 -3.49 0.00	109.48 -3.15 0.00	92.74 -1.08 0.00	103.08 -1.44 0.00	84.72 -1.39 0.00	125.18 -1.95 0.00	151.98 -0.89 0.00	171.76 0.33 0.00	165.55 -0.06 0.00	156.78 -0.67 0.00	154.96 -0.09 0.00	152.82 0.27 0.00	153.00 0.33 0.00	161.10 2.05 0.00
ALCOA_RYNLDS___DRP 24188	108.44 -0.08 0.00	85.32 0.08 0.00	79.58 0.17 0.00	103.26 0.73 0.00	77.60 -0.01 0.00	112.36 -0.07 0.00	137.69 -0.41 0.00	159.40 1.41 0.00	174.06 1.97 0.00	162.33 -1.96 0.00	187.15 -3.49 0.00	109.48 -3.15 0.00	92.74 -1.08 0.00	103.08 -1.44 0.00	84.72 -1.39 0.00	125.18 -1.95 0.00	151.98 -0.89 0.00	171.76 0.33 0.00	165.55 -0.06 0.00	156.78 -0.67 0.00	154.96 -0.09 0.00	152.82 0.27 0.00	153.00 0.33 0.00	161.10 2.05 0.00
ALCOA___DSASP 323711	108.44 -0.08 0.00	85.32 0.08 0.00	79.58 0.17 0.00	103.26 0.73 0.00	77.60 -0.01 0.00	112.36 -0.07 0.00	137.69 -0.41 0.00	159.40 1.41 0.00	174.06 1.97 0.00	162.33 -1.95 0.00	187.13 -3.50 0.00	109.49 -3.13 0.00	92.74 -1.09 0.00	103.08 -1.44 0.00	84.72 -1.39 0.00	125.18 -1.95 0.00	151.99 -0.89 0.00	171.77 0.34 0.00	165.57 -0.05 0.00	156.77 -0.68 0.00	154.96 -0.09 0.00	152.82 0.27 0.00	153.00 0.33 0.00	161.10 2.05 0.00
ALLEGHENY___COGEN 23514	104.85 -3.67 0.00	82.56 -2.69 0.00	76.32 -3.10 0.00	97.18 -5.35 0.00	73.37 -4.24 0.00	106.27 -6.16 0.00	138.80 -10.17 -10.86	177.60 -13.39 -33.00	157.90 -12.89 1.30	156.06 -12.54 -4.31	207.95 -13.39 -30.71	84.63 -7.22 20.77	135.51 -8.79 -50.48	134.26 -8.24 -37.97	112.19 -6.50 -32.58	149.50 -8.43 -30.80	145.00 -7.87 0.00	162.61 -8.82 0.00	188.45 -8.71 -31.54	226.05 -7.44 -76.04	244.43 1.67 -87.71	224.93 -2.02 -74.40	195.53 -2.96 -45.82	158.10 -0.95 0.00
ALTAMONT_115KV_TB 2 55880	112.51 4.00 0.00	87.89 2.65 0.00	81.88 2.47 0.00	105.72 3.19 0.00	80.08 2.47 0.00	115.88 3.45 0.00	142.48 4.37 0.00	161.88 3.89 0.00	176.11 4.02 0.00	169.65 5.36 0.00	198.07 7.15 -0.28	195.22 4.65 -77.95	177.43 3.89 -79.71	179.72 4.41 -70.78	178.31 3.60 -88.59	139.10 5.17 -6.81	158.12 5.25 0.00	176.53 5.10 0.00	170.70 5.08 0.00	162.65 5.20 0.00	160.11 5.06 0.00	157.73 5.18 0.00	158.08 5.42 0.00	163.54 4.49 0.00
ALTONA_WT_PWR 323606	108.73 0.22 0.00	85.43 0.19 0.00	79.55 0.14 0.00	102.73 0.20 0.00	77.82 0.21 0.00	112.75 0.32 0.00	138.76 0.66 0.00	159.67 1.68 0.00	173.96 1.87 0.00	164.65 0.36 0.00	189.83 -0.80 0.00	110.71 -1.92 0.00	92.23 -1.59 0.00	102.62 -1.90 0.00	84.04 -2.07 0.00	124.48 -2.65 0.00	151.78 -1.10 0.00	172.11 0.67 0.00	166.49 0.88 0.00	157.35 -0.10 0.00	155.19 0.14 0.00	152.67 0.11 0.00	152.18 -0.48 0.00	159.35 0.30 0.00
AMERICAN_REF_FUEL 24010	98.96 -9.56 0.00	77.92 -7.33 0.00	71.99 -7.42 0.00	92.00 -10.53 0.00	69.75 -7.86 0.00	100.88 -11.55 0.00	118.89 -15.60 3.62	130.05 -18.41 9.52	152.61 -18.68 0.80	145.17 -18.12 1.00	158.47 -23.16 9.00	72.33 -13.17 27.12	79.02 -11.57 3.24	73.78 -13.09 17.65	70.49 -10.73 4.90	103.89 -16.07 7.16	132.89 -19.99 0.00	148.51 -22.92 0.00	136.60 -21.87 7.15	113.63 -21.38 22.44	109.59 -22.13 23.33	101.74 -22.59 28.22	110.97 -22.04 19.66	140.40 -18.65 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	101.66 -6.85 0.00	79.55 -5.70 0.00	73.05 -6.36 0.00	93.23 -9.30 0.00	70.09 -7.52 0.00	102.05 -10.38 0.00	121.07 -13.02 4.02	132.70 -14.85 10.44	157.24 -13.84 1.01	150.08 -13.14 1.07	163.26 -17.50 9.88	67.43 -10.62 34.56	79.99 -10.31 3.51	72.51 -10.99 21.02	71.25 -8.77 6.09	106.70 -12.68 7.74	136.62 -16.26 0.00	152.23 -19.20 0.00	139.62 -18.19 7.81	114.82 -18.03 24.60	111.05 -18.68 25.32	101.50 -19.53 31.53	111.25 -19.24 22.18	142.85 -16.20 0.00
ARTHUR KILL_GT_1 23520	118.44 8.50 -1.42	101.81 6.00 -10.57	98.91 5.41 -14.09	109.34 6.81 0.00	92.93 5.63 -9.70	120.28 7.85 0.00	148.08 9.97 0.00	167.54 9.55 0.00	181.61 9.52 0.00	367.98 11.77 -191.92	1485.28 15.23 -1279.41	675.90 10.41 -552.86	685.29 8.86 -582.61	956.74 9.80 -842.42	746.78 8.36 -652.31	1001.74 12.14 -862.47	1383.51 13.56 -1217.08	404.10 13.17 -219.51	1979.14 14.33 -1799.19	1634.96 14.63 -1462.88	674.90 14.12 -505.74	628.06 13.55 -461.97	776.22 13.60 -609.94	510.54 11.09 -340.40
ARTHUR_KILL_2 23512	118.11 8.17 -1.42	101.55 5.74 -10.57	98.67 5.17 -14.09	109.03 6.50 0.00	92.70 5.39 -9.70	119.89 7.46 0.00	147.58 9.47 0.00	166.98 9.00 0.00	181.06 8.97 0.00	367.36 11.15 -191.92	1484.61 14.56 -1279.41	675.51 10.02 -552.86	684.97 8.54 -582.61	956.39 9.45 -842.42	746.48 8.06 -652.31	1001.31 11.71 -862.47	1382.95 13.00 -1217.08	403.49 12.56 -219.51	1978.54 13.73 -1799.19	1634.35 14.02 -1462.88	674.37 13.58 -505.74	627.54 13.02 -461.97	775.66 13.06 -609.94	509.97 10.52 -340.40
ARTHUR_KILL_3 23513	117.44 7.44 -1.48	101.07 4.79 -11.03	98.43 4.31 -14.71	108.42 5.89 0.00	92.52 4.78 -10.12	119.06 6.63 0.00	146.59 8.49 0.00	102.61 7.93 63.31	102.61 7.86 77.34	317.19 10.24 -142.65	1534.21 12.70 -1330.88	695.07 8.77 -573.68	707.00 7.76 -605.43	990.10 8.56 -877.02	771.34 7.34 -677.88	1006.65 10.79 -868.74	1398.62 11.87 -1233.88	418.84 11.24 -236.17	2049.87 11.33 -1872.92	1695.96 11.99 -1526.51	692.76 11.40 -526.31	644.13 10.94 -480.64	800.36 10.86 -636.84	522.70 8.24 -355.41

ARTHUR_KILL_COGEN 323718	118.44 8.50 -1.42	101.81 6.00 -10.57	98.91 5.41 -14.09	109.34 6.81 0.00	92.93 5.63 -9.70	120.28 7.85 0.00	148.08 9.97 0.00	167.54 9.55 0.00	181.61 9.52 0.00	367.98 11.77 -191.92	1485.28 15.23 -1279.41	675.90 10.41 -552.86	685.29 8.86 -582.61	956.74 9.80 -842.42	746.78 8.36 -652.31	1001.74 12.14 -862.47	1383.51 13.56 -1217.08	404.10 13.17 -219.51	1979.14 14.33 -1799.19	1634.96 14.63 -1462.88	674.90 14.12 -505.74	628.06 13.55 -461.97	776.22 13.60 -609.94	510.54 11.09 -340.40
ASHOKAN____ 23654	116.88 8.36 0.00	91.05 5.80 0.00	84.73 5.32 0.00	109.52 6.99 0.00	83.02 5.41 0.00	120.46 8.03 0.00	148.48 10.38 0.00	169.09 11.11 0.00	184.55 12.46 0.00	177.98 13.70 0.00	207.46 16.57 -0.26	193.11 9.30 -71.19	174.56 7.94 -72.80	178.04 8.88 -64.64	174.50 7.48 -80.90	145.00 11.66 -6.21	166.34 13.47 0.00	185.97 14.54 0.00	180.00 14.39 0.00	171.79 14.34 0.00	168.70 13.65 0.00	165.64 13.09 0.00	165.48 12.82 0.00	170.18 11.13 0.00
ASTORIA_EAST_ENERGY_CC1 323581	116.84 8.32 0.00	90.71 5.46 0.00	84.41 5.00 0.00	109.24 6.71 0.00	83.06 5.45 0.00	120.08 7.65 0.00	147.87 9.76 0.00	167.26 9.27 0.00	181.28 9.19 0.00	175.35 11.07 0.00	205.22 14.35 -0.23	185.92 9.57 -63.72	167.31 8.33 -65.16	171.56 9.18 -57.86	166.48 7.95 -72.42	161.38 11.47 -22.78	167.38 12.73 -1.77	183.64 12.21 0.00	177.73 12.10 -0.01	170.23 12.77 -0.01	167.55 12.49 -0.01	164.70 12.15 -0.01	164.84 12.17 -0.01	168.33 9.28 0.00
ASTORIA_EAST_ENERGY_CC2 323582	116.84 8.32 0.00	90.71 5.46 0.00	84.41 5.00 0.00	109.24 6.71 0.00	83.08 5.47 0.00	120.10 7.67 0.00	147.90 9.80 0.00	167.26 9.27 0.00	181.28 9.19 0.00	175.35 11.07 0.00	205.22 14.35 -0.23	185.92 9.57 -63.72	167.31 8.33 -65.16	171.56 9.18 -57.86	166.48 7.95 -72.42	161.38 11.47 -22.78	167.38 12.73 -1.77	183.64 12.21 0.00	177.73 12.10 -0.01	170.23 12.77 -0.01	167.55 12.49 -0.01	164.70 12.15 -0.01	164.84 12.17 -0.01	168.33 9.28 0.00
ASTORIA_GT2_1 24094	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.08 5.47 0.00	120.13 7.70 0.00	147.95 9.84 0.00	167.35 9.36 0.00	181.31 9.21 0.00	175.45 11.16 0.00	205.29 14.43 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.58 9.19 -57.86	166.51 7.98 -72.42	161.58 11.67 -22.79	167.42 12.77 -1.77	183.77 12.34 0.00	177.89 12.26 -0.01	170.37 12.91 -0.01	167.61 12.56 -0.01	164.73 12.17 -0.01	165.00 12.33 -0.01	168.42 9.37 0.00
ASTORIA_GT2_2 24095	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.08 5.47 0.00	120.13 7.70 0.00	147.95 9.84 0.00	167.35 9.36 0.00	181.31 9.21 0.00	175.45 11.16 0.00	205.29 14.43 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.58 9.19 -57.86	166.51 7.98 -72.42	161.58 11.67 -22.79	167.42 12.77 -1.77	183.77 12.34 0.00	177.89 12.26 -0.01	170.37 12.91 -0.01	167.61 12.56 -0.01	164.73 12.17 -0.01	165.00 12.33 -0.01	168.42 9.37 0.00
ASTORIA_GT2_3 24096	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.08 5.47 0.00	120.13 7.70 0.00	147.95 9.84 0.00	167.35 9.36 0.00	181.31 9.21 0.00	175.45 11.16 0.00	205.29 14.43 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.58 9.19 -57.86	166.51 7.98 -72.42	161.58 11.67 -22.79	167.42 12.77 -1.77	183.77 12.34 0.00	177.89 12.26 -0.01	170.37 12.91 -0.01	167.61 12.56 -0.01	164.73 12.17 -0.01	165.00 12.33 -0.01	168.42 9.37 0.00
ASTORIA_GT2_4 24097	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.08 5.47 0.00	120.13 7.70 0.00	147.95 9.84 0.00	167.35 9.36 0.00	181.31 9.21 0.00	175.45 11.16 0.00	205.29 14.43 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.58 9.19 -57.86	166.51 7.98 -72.42	161.58 11.67 -22.79	167.42 12.77 -1.77	183.77 12.34 0.00	177.89 12.26 -0.01	170.37 12.91 -0.01	167.61 12.56 -0.01	164.73 12.17 -0.01	165.00 12.33 -0.01	168.42 9.37 0.00
ASTORIA_GT3_1 24098	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.08 5.47 0.00	120.13 7.70 0.00	147.95 9.84 0.00	167.35 9.36 0.00	181.31 9.21 0.00	175.45 11.16 0.00	205.29 14.43 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.58 9.19 -57.86	166.51 7.98 -72.42	161.58 11.67 -22.79	167.42 12.77 -1.77	183.77 12.34 0.00	177.89 12.26 -0.01	170.37 12.91 -0.01	167.61 12.56 -0.01	164.73 12.17 -0.01	165.00 12.33 -0.01	168.42 9.37 0.00
ASTORIA_GT3_2 24099	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.08 5.47 0.00	120.13 7.70 0.00	147.95 9.84 0.00	167.35 9.36 0.00	181.31 9.21 0.00	175.45 11.16 0.00	205.29 14.43 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.58 9.19 -57.86	166.51 7.98 -72.42	161.58 11.67 -22.79	167.42 12.77 -1.77	183.77 12.34 0.00	177.89 12.26 -0.01	170.37 12.91 -0.01	167.61 12.56 -0.01	164.73 12.17 -0.01	165.00 12.33 -0.01	168.42 9.37 0.00
ASTORIA_GT3_3 24100	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.08 5.47 0.00	120.13 7.70 0.00	147.95 9.84 0.00	167.35 9.36 0.00	181.31 9.21 0.00	175.45 11.16 0.00	205.29 14.43 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.58 9.19 -57.86	166.51 7.98 -72.42	161.58 11.67 -22.79	167.42 12.77 -1.77	183.77 12.34 0.00	177.89 12.26 -0.01	170.37 12.91 -0.01	167.61 12.56 -0.01	164.73 12.17 -0.01	165.00 12.33 -0.01	168.42 9.37 0.00
ASTORIA_GT3_4 24101	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.08 5.47 0.00	120.13 7.70 0.00	147.95 9.84 0.00	167.35 9.36 0.00	181.31 9.21 0.00	175.45 11.16 0.00	205.29 14.43 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.58 9.19 -57.86	166.51 7.98 -72.42	161.58 11.67 -22.79	167.42 12.77 -1.77	183.77 12.34 0.00	177.89 12.26 -0.01	170.37 12.91 -0.01	167.61 12.56 -0.01	164.73 12.17 -0.01	165.00 12.33 -0.01	168.42 9.37 0.00
ASTORIA_GT4_1 24102	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.08 5.47 0.00	120.13 7.70 0.00	147.95 9.84 0.00	167.35 9.36 0.00	181.31 9.21 0.00	175.45 11.16 0.00	205.29 14.43 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.58 9.19 -57.86	166.51 7.98 -72.42	161.58 11.67 -22.79	167.42 12.77 -1.77	183.77 12.34 0.00	177.89 12.26 -0.01	170.37 12.91 -0.01	167.61 12.56 -0.01	164.73 12.17 -0.01	165.00 12.33 -0.01	168.42 9.37 0.00
ASTORIA_GT4_2 24103	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.08 5.47 0.00	120.13 7.70 0.00	147.95 9.84 0.00	167.35 9.36 0.00	181.31 9.21 0.00	175.45 11.16 0.00	205.29 14.43 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.58 9.19 -57.86	166.51 7.98 -72.42	161.58 11.67 -22.79	167.42 12.77 -1.77	183.77 12.34 0.00	177.89 12.26 -0.01	170.37 12.91 -0.01	167.61 12.56 -0.01	164.73 12.17 -0.01	165.00 12.33 -0.01	168.42 9.37 0.00
ASTORIA_GT4_3 24104	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.08 5.47 0.00	120.13 7.70 0.00	147.95 9.84 0.00	167.35 9.36 0.00	181.31 9.21 0.00	175.45 11.16 0.00	205.29 14.43 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.58 9.19 -57.86	166.51 7.98 -72.42	161.58 11.67 -22.79	167.42 12.77 -1.77	183.77 12.34 0.00	177.89 12.26 -0.01	170.37 12.91 -0.01	167.61 12.56 -0.01	164.73 12.17 -0.01	165.00 12.33 -0.01	168.42 9.37 0.00

ASTORIA_GT4_4 24105	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.08 5.47 0.00	120.13 7.70 0.00	147.95 9.84 0.00	167.35 9.36 0.00	181.31 9.21 0.00	175.45 11.16 0.00	205.29 14.43 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.58 9.19 -57.86	166.51 7.98 -72.42	161.58 11.67 -22.79	167.42 12.77 -1.77	183.77 12.34 0.00	177.89 12.26 -0.01	170.37 12.91 -0.01	167.61 12.56 -0.01	164.73 12.17 -0.01	165.00 12.33 -0.01	168.42 9.37 0.00
ASTORIA_GT_1 23523	117.08 8.56 0.00	90.89 5.64 0.00	84.61 5.20 0.00	109.45 6.92 0.00	83.23 5.62 0.00	120.34 7.91 0.00	148.23 10.12 0.00	167.65 9.67 0.00	181.78 9.69 0.00	175.83 11.54 0.00	205.76 14.89 -0.23	186.24 9.89 -63.72	167.58 8.59 -65.16	171.85 9.47 -57.86	166.71 8.17 -72.42	161.73 11.82 -22.78	167.80 13.16 -1.77	184.16 12.72 0.00	178.22 12.60 -0.01	170.68 13.22 -0.01	168.00 12.94 -0.01	165.08 12.52 -0.01	165.24 12.57 -0.01	168.75 9.70 0.00
ASTORIA_GT_10 24110	116.91 8.39 0.00	90.87 5.63 0.00	84.49 5.08 0.00	109.37 6.84 0.00	83.10 5.50 0.00	120.16 7.73 0.00	147.96 9.85 0.00	167.54 9.55 0.00	181.60 9.51 0.00	176.14 11.86 0.00	205.54 14.68 -0.23	187.05 9.98 -64.45	167.84 8.86 -65.16	172.10 9.72 -57.86	166.86 8.32 -72.42	163.30 12.24 -23.93	168.22 13.58 -1.77	184.30 12.88 0.00	181.35 13.21 -2.52	173.59 13.75 -2.39	169.88 13.17 -1.66	165.25 12.69 -0.01	165.28 12.61 -0.01	169.02 9.97 0.00
ASTORIA_GT_11 24225	116.91 8.39 0.00	90.87 5.63 0.00	84.49 5.08 0.00	109.37 6.84 0.00	83.10 5.50 0.00	120.16 7.73 0.00	147.96 9.85 0.00	167.54 9.55 0.00	181.60 9.51 0.00	176.14 11.86 0.00	205.54 14.68 -0.23	187.05 9.98 -64.45	167.84 8.86 -65.16	172.10 9.72 -57.86	166.86 8.32 -72.42	163.30 12.24 -23.93	168.22 13.58 -1.77	184.30 12.88 0.00	181.35 13.21 -2.52	173.59 13.75 -2.39	169.88 13.17 -1.66	165.25 12.69 -0.01	165.28 12.61 -0.01	169.02 9.97 0.00
ASTORIA_GT_12 24226	116.91 8.39 0.00	90.87 5.63 0.00	84.49 5.08 0.00	109.37 6.84 0.00	83.10 5.50 0.00	120.16 7.73 0.00	147.96 9.85 0.00	167.54 9.55 0.00	181.60 9.51 0.00	176.14 11.86 0.00	205.54 14.68 -0.23	187.05 9.98 -64.45	167.84 8.86 -65.16	172.10 9.72 -57.86	166.86 8.32 -72.42	163.30 12.24 -23.93	168.22 13.58 -1.77	184.30 12.88 0.00	181.35 13.21 -2.52	173.59 13.75 -2.39	169.88 13.17 -1.66	165.25 12.69 -0.01	165.28 12.61 -0.01	169.02 9.97 0.00
ASTORIA_GT_13 24227	116.91 8.39 0.00	90.87 5.63 0.00	84.49 5.08 0.00	109.37 6.84 0.00	83.10 5.50 0.00	120.16 7.73 0.00	147.96 9.85 0.00	167.54 9.55 0.00	181.60 9.51 0.00	176.14 11.86 0.00	205.54 14.68 -0.23	187.05 9.98 -64.45	167.84 8.86 -65.16	172.10 9.72 -57.86	166.86 8.32 -72.42	163.30 12.24 -23.93	168.22 13.58 -1.77	184.30 12.88 0.00	181.35 13.21 -2.52	173.59 13.75 -2.39	169.88 13.17 -1.66	165.25 12.69 -0.01	165.28 12.61 -0.01	169.02 9.97 0.00
ASTORIA_GT_5 24106	117.08 8.57 0.00	90.89 5.64 0.00	84.61 5.20 0.00	109.45 6.92 0.00	83.24 5.62 0.00	120.35 7.91 0.00	148.21 10.11 0.00	167.71 9.72 0.00	181.68 9.59 0.00	175.85 11.56 0.00	205.75 14.88 -0.23	186.24 9.89 -63.72	167.58 8.60 -65.16	171.80 9.42 -57.86	166.71 8.17 -72.42	161.87 11.96 -22.79	167.79 13.14 -1.77	184.17 12.74 0.00	178.33 12.70 -0.01	170.71 13.25 -0.01	168.00 12.94 -0.01	165.10 12.54 -0.01	165.31 12.64 -0.01	168.74 9.69 0.00
ASTORIA_GT_7 24107	117.08 8.57 0.00	90.89 5.64 0.00	84.61 5.20 0.00	109.45 6.92 0.00	83.24 5.62 0.00	120.35 7.91 0.00	148.21 10.11 0.00	167.71 9.72 0.00	181.68 9.59 0.00	175.85 11.56 0.00	205.75 14.88 -0.23	186.24 9.89 -63.72	167.58 8.60 -65.16	171.80 9.42 -57.86	166.71 8.17 -72.42	161.87 11.96 -22.79	167.79 13.14 -1.77	184.17 12.74 0.00	178.33 12.70 -0.01	170.71 13.25 -0.01	168.00 12.94 -0.01	165.10 12.54 -0.01	165.31 12.64 -0.01	168.74 9.69 0.00
ASTORIA_GT_8 24108	117.08 8.57 0.00	90.89 5.64 0.00	84.61 5.20 0.00	109.45 6.92 0.00	83.24 5.62 0.00	120.35 7.91 0.00	148.21 10.11 0.00	167.71 9.72 0.00	181.68 9.59 0.00	175.85 11.56 0.00	205.75 14.88 -0.23	186.24 9.89 -63.72	167.58 8.60 -65.16	171.80 9.42 -57.86	166.71 8.17 -72.42	161.87 11.96 -22.79	167.79 13.14 -1.77	184.17 12.74 0.00	178.33 12.70 -0.01	170.71 13.25 -0.01	168.00 12.94 -0.01	165.10 12.54 -0.01	165.31 12.64 -0.01	168.74 9.69 0.00
ASTORIA___2 24149	116.87 8.35 0.00	90.72 5.48 0.00	84.46 5.05 0.00	109.26 6.73 0.00	83.09 5.47 0.00	120.14 7.71 0.00	147.95 9.84 0.00	167.34 9.35 0.00	181.36 9.27 0.00	175.44 11.16 0.00	205.28 14.41 -0.23	185.99 9.64 -63.72	167.38 8.40 -65.16	171.60 9.22 -57.86	166.51 7.98 -72.42	161.44 11.53 -22.78	167.42 12.77 -1.77	183.78 12.34 0.00	177.81 12.18 -0.01	170.32 12.86 -0.01	167.61 12.55 -0.01	164.73 12.17 -0.01	164.94 12.27 -0.01	168.43 9.38 0.00
ASTORIA___3 23516	116.91 8.39 0.00	90.87 5.63 0.00	84.49 5.08 0.00	109.37 6.84 0.00	83.11 5.50 0.00	120.16 7.73 0.00	147.95 9.84 0.00	167.54 9.55 0.00	181.63 9.54 0.00	176.10 11.82 0.00	205.53 14.66 -0.23	187.07 10.00 -64.45	167.84 8.86 -65.16	172.14 9.75 -57.86	166.85 8.32 -72.42	163.23 12.17 -23.93	168.26 13.61 -1.77	184.32 12.89 0.00	181.33 13.19 -2.52	173.56 13.72 -2.39	169.88 13.17 -1.66	165.26 12.70 -0.01	165.27 12.60 -0.01	169.04 9.98 0.00
ASTORIA___4 23517	116.91 8.39 0.00	90.87 5.63 0.00	84.49 5.08 0.00	109.37 6.84 0.00	83.10 5.50 0.00	120.16 7.73 0.00	147.96 9.85 0.00	167.53 9.54 0.00	181.60 9.51 0.00	176.13 11.84 0.00	205.52 14.66 -0.23	187.05 9.98 -64.45	167.84 8.86 -65.16	172.10 9.72 -57.86	166.85 8.31 -72.42	163.30 12.24 -23.93	168.22 13.58 -1.77	184.30 12.88 0.00	181.35 13.21 -2.52	173.59 13.75 -2.39	169.88 13.17 -1.66	165.25 12.69 -0.01	165.28 12.61 -0.01	169.02 9.97 0.00
ASTORIA___5 23518	116.91 8.39 0.00	90.87 5.63 0.00	84.49 5.08 0.00	109.37 6.84 0.00	83.11 5.50 0.00	120.16 7.73 0.00	147.95 9.84 0.00	167.54 9.55 0.00	181.63 9.54 0.00	176.10 11.82 0.00	205.54 14.68 -0.23	187.07 10.00 -64.45	167.84 8.86 -65.16	172.15 9.76 -57.86	166.86 8.32 -72.42	163.23 12.17 -23.93	168.26 13.61 -1.77	184.32 12.89 0.00	181.33 13.19 -2.52	173.56 13.72 -2.39	169.88 13.17 -1.66	165.26 12.70 -0.01	165.27 12.60 -0.01	169.04 9.98 0.00
AST_ENERGY_2_CC3 323677	116.40 7.88 0.00	90.36 5.12 0.00	83.99 4.58 0.00	108.88 6.35 0.00	82.72 5.11 0.00	119.63 7.19 0.00	147.29 9.18 0.00	166.68 8.69 0.00	180.45 8.36 0.00	175.03 10.75 0.00	204.17 13.31 -0.23	185.49 9.15 -63.71	167.16 8.19 -65.15	171.35 8.98 -57.85	166.29 7.76 -72.41	161.34 11.42 -22.80	167.20 12.56 -1.77	183.21 11.78 0.00	177.54 11.92 0.00	170.02 12.57 0.00	167.08 12.03 0.00	164.28 11.73 0.00	164.38 11.71 0.00	167.96 8.91 0.00
AST_ENERGY_2_CC4 323678	116.40 7.88 0.00	90.36 5.12 0.00	83.99 4.58 0.00	108.88 6.35 0.00	82.72 5.11 0.00	119.63 7.19 0.00	147.29 9.18 0.00	166.68 8.69 0.00	180.45 8.36 0.00	175.03 10.75 0.00	204.17 13.31 -0.23	185.49 9.15 -63.71	167.16 8.19 -65.15	171.35 8.98 -57.85	166.29 7.76 -72.41	161.34 11.42 -22.80	167.20 12.56 -1.77	183.21 11.78 0.00	177.54 11.92 0.00	170.02 12.57 0.00	167.08 12.03 0.00	164.28 11.73 0.00	164.38 11.71 0.00	167.96 8.91 0.00

ATHENS_STG_1 23668	113.46 4.94 0.00	88.48 3.24 0.00	82.40 2.99 0.00	106.47 3.94 0.00	80.64 3.02 0.00	116.68 4.25 0.00	143.40 5.29 0.00	162.75 4.77 0.00	176.96 4.87 0.00	170.70 6.41 0.00	199.31 8.42 -0.26	188.35 5.62 -70.11	170.34 4.83 -71.69	173.59 5.41 -63.66	170.38 4.59 -79.68	142.54 6.61 -8.80	160.12 6.97 -0.27	178.11 6.68 0.00	172.32 6.70 0.00	164.52 7.06 0.00	161.87 6.83 0.00	159.24 6.69 0.00	159.43 6.76 0.00	164.45 5.39 0.00
ATHENS_STG_2 23670	113.46 4.94 0.00	88.48 3.24 0.00	82.40 2.99 0.00	106.47 3.94 0.00	80.64 3.02 0.00	116.68 4.25 0.00	143.40 5.29 0.00	162.75 4.77 0.00	176.96 4.87 0.00	170.70 6.41 0.00	199.31 8.42 -0.26	188.35 5.62 -70.11	170.34 4.83 -71.69	173.59 5.41 -63.66	170.38 4.59 -79.68	142.54 6.61 -8.80	160.12 6.97 -0.27	178.11 6.68 0.00	172.32 6.70 0.00	164.52 7.06 0.00	161.87 6.83 0.00	159.24 6.69 0.00	159.43 6.76 0.00	164.45 5.39 0.00
ATHENS_STG_3 23677	113.46 4.94 0.00	88.48 3.24 0.00	82.40 2.99 0.00	106.47 3.94 0.00	80.64 3.02 0.00	116.68 4.25 0.00	143.40 5.29 0.00	162.75 4.77 0.00	176.96 4.87 0.00	170.70 6.41 0.00	199.31 8.42 -0.26	188.35 5.62 -70.11	170.34 4.83 -71.69	173.59 5.41 -63.66	170.38 4.59 -79.68	142.54 6.61 -8.80	160.12 6.97 -0.27	178.11 6.68 0.00	172.32 6.70 0.00	164.52 7.06 0.00	161.87 6.83 0.00	159.24 6.69 0.00	159.43 6.76 0.00	164.45 5.39 0.00
AUBURN___LFGE 323710	108.70 0.18 0.00	85.55 0.31 0.00	79.61 0.20 0.00	102.38 -0.15 0.00	77.53 -0.08 0.00	112.40 -0.03 0.00	138.42 -0.01 -0.33	158.54 -0.04 -0.59	172.80 0.38 -0.33	165.05 0.77 0.00	191.16 -0.07 -0.60	134.02 0.18 -21.22	103.08 -0.24 -9.49	117.34 -0.28 -13.10	98.57 0.04 -12.41	128.31 0.17 -1.01	152.83 -0.04 0.00	172.12 0.69 0.00	166.53 0.91 0.00	159.75 0.96 -1.34	155.67 -0.21 -0.84	155.57 -0.39 -3.41	154.15 -1.28 -2.77	157.74 -1.31 0.00
BABYLON_RES_REC 323704	119.30 10.78 0.00	94.64 7.42 -1.98	98.02 7.02 -11.59	121.86 9.23 -10.09	93.75 7.35 -8.78	129.12 10.43 -6.26	152.60 12.99 -1.50	167.09 10.93 1.83	167.49 10.31 14.91	172.86 13.31 4.73	207.63 16.77 -0.23	188.39 11.62 -64.15	173.78 10.62 -69.34	177.96 11.60 -61.84	172.87 9.97 -76.79	172.67 15.07 -30.47	173.58 16.89 -3.82	187.92 16.49 0.00	181.23 15.61 0.00	176.78 16.52 -2.82	178.54 16.03 -7.46	174.17 15.58 -6.04	168.33 15.60 -0.06	171.17 12.12 0.00
BABYLON___69_KV_BK2 356345	120.42 11.91 0.00	95.52 8.30 -1.98	98.83 7.83 -11.59	122.90 10.28 -10.09	94.54 8.14 -8.78	130.39 11.70 -6.26	154.09 14.48 -1.50	168.58 12.47 1.88	169.35 12.59 15.34	174.22 14.80 4.87	209.61 18.75 -0.23	189.52 12.75 -64.15	174.84 11.68 -69.34	179.08 12.72 -61.84	173.89 10.98 -76.79	173.98 16.38 -30.47	175.05 18.36 -3.82	190.03 18.60 0.00	183.33 17.72 0.00	178.47 18.20 -2.82	180.42 17.91 -7.46	175.82 17.23 -6.04	169.88 17.15 -0.06	172.63 13.58 0.00
BALL_HILL_WT_PWR 323825	102.36 -6.16 0.00	80.23 -5.02 0.00	73.91 -5.51 0.00	94.38 -8.15 0.00	71.25 -6.36 0.00	103.28 -9.15 0.00	121.14 -12.04 4.92	130.85 -14.00 13.13	157.71 -13.44 0.94	149.97 -12.91 1.41	161.32 -16.92 12.39	68.72 -10.05 33.85	77.04 -9.51 7.27	69.64 -10.37 24.50	68.99 -8.41 8.72	104.82 -12.09 10.22	137.94 -14.94 0.00	153.91 -17.52 0.00	138.72 -16.57 10.32	110.35 -16.17 30.93	105.74 -16.83 32.48	97.01 -17.72 37.82	109.26 -17.28 26.12	144.66 -14.39 0.00
BARON_WINDS___WT_PWR 323822	106.59 -1.93 0.00	83.44 -1.80 0.00	77.04 -2.37 0.00	98.20 -4.33 0.00	73.38 -4.23 0.00	105.77 -6.66 0.00	106.36 -9.76 21.99	84.41 -11.81 61.76	158.95 -11.52 1.62	146.01 -11.06 7.21	118.59 -14.09 57.95	18.74 -8.45 85.44	19.27 -7.87 66.68	-10.81 -8.11 107.21	19.45 -6.52 60.15	65.41 -8.77 52.95	143.82 -9.06 0.00	161.58 -9.84 0.00	102.28 -10.53 52.81	1.18 -10.39 145.87	-13.46 -10.07 158.43	-20.91 -11.36 162.10	33.37 -11.51 107.79	148.55 -10.50 0.00
BARRETT_IC_1 23704	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	253.12 9.23 -71.79	358.10 12.09 -181.71	496.51 14.69 -291.19	463.84 10.27 -340.94	449.33 9.35 -346.16	504.70 10.24 -389.94	459.77 8.80 -364.85	440.90 13.12 -300.65	412.31 14.69 -244.75	460.99 13.85 -275.71	422.35 13.38 -243.35	413.30 14.46 -241.39	496.03 13.88 -327.11	452.66 13.45 -286.66	426.07 13.56 -259.84	433.50 10.50 -263.95
BARRETT_IC_10 23701	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	208.78 9.23 -27.46	226.22 12.09 -49.83	284.90 14.69 -79.59	262.53 10.27 -139.64	248.02 9.35 -144.84	266.10 10.24 -151.34	250.29 8.80 -155.37	244.42 13.12 -104.18	237.12 14.69 -69.56	260.72 13.85 -75.43	245.60 13.38 -66.60	240.01 14.46 -68.10	263.85 13.88 -94.93	248.84 13.45 -82.84	237.37 13.56 -71.15	241.78 10.50 -72.22
BARRETT_IC_11 23702	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	208.78 9.23 -27.46	226.22 12.09 -49.83	284.90 14.69 -79.59	262.53 10.27 -139.64	248.02 9.35 -144.84	266.10 10.24 -151.34	250.29 8.80 -155.37	244.42 13.12 -104.18	237.12 14.69 -69.56	260.72 13.85 -75.43	245.60 13.38 -66.60	240.01 14.46 -68.10	263.85 13.88 -94.93	248.84 13.45 -82.84	237.37 13.56 -71.15	241.78 10.50 -72.22
BARRETT_IC_12 23703	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	208.78 9.23 -27.46	226.22 12.09 -49.83	284.90 14.69 -79.59	262.53 10.27 -139.64	248.02 9.35 -144.84	266.10 10.24 -151.34	250.29 8.80 -155.37	244.42 13.12 -104.18	237.12 14.69 -69.56	260.72 13.85 -75.43	245.60 13.38 -66.60	240.01 14.46 -68.10	263.85 13.88 -94.93	248.84 13.45 -82.84	237.37 13.56 -71.15	241.78 10.50 -72.22
BARRETT_IC_2 23705	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	253.12 9.23 -71.79	358.10 12.09 -181.71	496.51 14.69 -291.19	463.84 10.27 -340.94	449.33 9.35 -346.16	504.70 10.24 -389.94	459.77 8.80 -364.85	440.90 13.12 -300.65	412.31 14.69 -244.75	460.99 13.85 -275.71	422.35 13.38 -243.35	413.30 14.46 -241.39	496.03 13.88 -327.11	452.66 13.45 -286.66	426.07 13.56 -259.84	433.50 10.50 -263.95
BARRETT_IC_3 23706	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	253.12 9.23 -71.79	358.10 12.09 -181.71	496.51 14.69 -291.19	463.84 10.27 -340.94	449.33 9.35 -346.16	504.70 10.24 -389.94	459.77 8.80 -364.85	440.90 13.12 -300.65	412.31 14.69 -244.75	460.99 13.85 -275.71	422.35 13.38 -243.35	413.30 14.46 -241.39	496.03 13.88 -327.11	452.66 13.45 -286.66	426.07 13.56 -259.84	433.50 10.50 -263.95
BARRETT_IC_4 23707	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	253.12 9.23 -71.79	358.10 12.09 -181.71	496.51 14.69 -291.19	463.84 10.27 -340.94	449.33 9.35 -346.16	504.70 10.24 -389.94	459.77 8.80 -364.85	440.90 13.12 -300.65	412.31 14.69 -244.75	460.99 13.85 -275.71	422.35 13.38 -243.35	413.30 14.46 -241.39	496.03 13.88 -327.11	452.66 13.45 -286.66	426.07 13.56 -259.84	433.50 10.50 -263.95

BARRETT_IC_5 23708	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	253.12 9.23 -71.79	358.10 12.09 -181.71	496.51 14.69 -291.19	463.84 10.27 -340.94	449.33 9.35 -346.16	504.70 10.24 -389.94	459.77 8.80 -364.85	440.90 13.12 -300.65	412.31 14.69 -244.75	460.99 13.85 -275.71	422.35 13.38 -243.35	413.30 14.46 -241.39	496.03 13.88 -327.11	452.66 13.45 -286.66	426.07 13.56 -259.84	433.50 10.50 -263.95
BARRETT_IC_6 23709	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	253.12 9.23 -71.79	358.10 12.09 -181.71	496.51 14.69 -291.19	463.84 10.27 -340.94	449.33 9.35 -346.16	504.70 10.24 -389.94	459.77 8.80 -364.85	440.90 13.12 -300.65	412.31 14.69 -244.75	460.99 13.85 -275.71	422.35 13.38 -243.35	413.30 14.46 -241.39	496.03 13.88 -327.11	452.66 13.45 -286.66	426.07 13.56 -259.84	433.50 10.50 -263.95
BARRETT_IC_7 23710	207.72 9.67 -89.53	220.52 6.78 -128.49	218.53 6.29 -132.82	228.26 8.35 -117.38	184.83 6.54 -100.69	193.45 9.26 -71.76	192.03 11.56 -42.36	203.88 9.95 -35.94	253.71 9.82 -71.79	357.90 11.90 -181.71	496.48 14.66 -291.19	463.80 10.23 -340.94	449.33 9.35 -346.16	504.59 10.14 -389.94	459.76 8.80 -364.85	440.70 12.92 -300.65	412.02 14.39 -244.75	460.92 13.78 -275.71	422.33 13.35 -243.35	413.08 14.24 -241.39	495.98 13.82 -327.11	452.45 13.24 -286.66	425.85 13.35 -259.84	433.32 10.32 -263.95
BARRETT_IC_8 23711	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	253.12 9.23 -71.79	358.10 12.09 -181.71	496.51 14.69 -291.19	463.84 10.27 -340.94	449.33 9.35 -346.16	504.70 10.24 -389.94	459.77 8.80 -364.85	440.90 13.12 -300.65	412.31 14.69 -244.75	460.99 13.85 -275.71	422.35 13.38 -243.35	413.30 14.46 -241.39	496.03 13.88 -327.11	452.66 13.45 -286.66	426.07 13.56 -259.84	433.50 10.50 -263.95
BARRETT_IC_9 23700	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	208.78 9.23 -27.46	226.22 12.09 -49.83	284.90 14.69 -79.59	262.53 10.27 -139.64	248.02 9.35 -144.84	266.10 10.24 -151.34	250.29 8.80 -155.37	244.42 13.12 -104.18	237.12 14.69 -69.56	260.72 13.85 -75.43	245.60 13.38 -66.60	240.01 14.46 -68.10	263.85 13.88 -94.93	248.84 13.45 -82.84	237.37 13.56 -71.15	241.78 10.50 -72.22
BARRETT___1 23545	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	253.12 9.23 -71.79	358.10 12.09 -181.71	496.51 14.69 -291.19	463.84 10.27 -340.94	449.33 9.35 -346.16	504.70 10.24 -389.94	459.77 8.80 -364.85	440.90 13.12 -300.65	412.31 14.69 -244.75	460.99 13.85 -275.71	422.35 13.38 -243.35	413.30 14.46 -241.39	496.03 13.88 -327.11	452.66 13.45 -286.66	426.07 13.56 -259.84	433.50 10.50 -263.95
BARRETT___2 23546	207.70 9.65 -89.53	220.52 6.79 -128.49	218.51 6.28 -132.82	228.29 8.38 -117.38	184.82 6.52 -100.69	193.37 9.18 -71.76	192.06 11.59 -42.36	203.91 9.98 -35.94	208.78 9.23 -27.46	226.22 12.09 -49.83	284.90 14.69 -79.59	262.53 10.27 -139.64	248.02 9.35 -144.84	266.10 10.24 -151.34	250.29 8.80 -155.37	244.42 13.12 -104.18	237.12 14.69 -69.56	260.72 13.85 -75.43	245.60 13.38 -66.60	240.01 14.46 -68.10	263.85 13.88 -94.93	248.84 13.45 -82.84	237.37 13.56 -71.15	241.78 10.50 -72.22
BATAVIA___115KV_TB1 55881	104.42 -4.09 0.00	82.07 -3.18 0.00	75.90 -3.51 0.00	97.18 -5.35 0.00	73.75 -3.86 0.00	106.90 -5.53 0.00	128.08 -7.57 2.45	143.01 -8.69 6.29	163.55 -7.88 0.66	156.00 -7.65 0.63	173.94 -10.73 5.96	85.63 -6.33 20.67	87.57 -6.36 -0.11	85.76 -7.19 11.57	78.50 -5.92 1.70	114.08 -8.59 4.46	143.44 -9.43 0.00	161.17 -10.27 -0.01	151.82 -9.63 4.17	132.78 -9.83 14.84	129.06 -10.84 15.15	121.10 -11.89 19.56	126.91 -11.93 13.83	149.92 -9.13 0.00
BAYONEEC___CTG1 323682	116.51 7.99 0.00	90.48 5.24 0.00	84.12 4.70 0.00	108.93 6.41 0.00	82.75 5.14 0.00	119.64 7.21 0.00	147.34 9.23 0.00	166.78 8.80 0.00	180.88 8.79 0.00	175.41 11.12 0.00	204.60 13.74 -0.23	185.74 9.40 -63.71	167.27 8.30 -65.15	171.52 9.14 -57.85	166.34 7.82 -72.41	161.43 11.51 -22.80	167.38 12.74 -1.77	183.57 12.13 0.00	177.88 12.26 0.00	170.30 12.85 0.00	167.30 12.25 0.00	164.38 11.83 0.00	164.40 11.74 0.00	168.18 9.13 0.00
BAYONEEC___CTG10 323750	116.51 7.99 0.00	90.48 5.24 0.00	84.12 4.70 0.00	108.93 6.41 0.00	82.75 5.14 0.00	119.64 7.21 0.00	147.34 9.23 0.00	166.78 8.80 0.00	180.88 8.79 0.00	175.41 11.12 0.00	204.60 13.74 -0.23	185.74 9.40 -63.71	167.27 8.30 -65.15	171.52 9.14 -57.85	166.34 7.82 -72.41	161.43 11.51 -22.80	167.38 12.74 -1.77	183.57 12.13 0.00	177.88 12.26 0.00	170.30 12.85 0.00	167.30 12.25 0.00	164.38 11.83 0.00	164.40 11.74 0.00	168.18 9.13 0.00
BAYONEEC___CTG2 323683	116.51 7.99 0.00	90.48 5.24 0.00	84.12 4.70 0.00	108.93 6.41 0.00	82.75 5.14 0.00	119.64 7.21 0.00	147.34 9.23 0.00	166.78 8.80 0.00	180.88 8.79 0.00	175.41 11.12 0.00	204.60 13.74 -0.23	185.74 9.40 -63.71	167.27 8.30 -65.15	171.52 9.14 -57.85	166.34 7.82 -72.41	161.43 11.51 -22.80	167.38 12.74 -1.77	183.57 12.13 0.00	177.88 12.26 0.00	170.30 12.85 0.00	167.30 12.25 0.00	164.38 11.83 0.00	164.40 11.74 0.00	168.18 9.13 0.00
BAYONEEC___CTG3 323684	116.51 7.99 0.00	90.48 5.24 0.00	84.12 4.70 0.00	108.93 6.41 0.00	82.75 5.14 0.00	119.64 7.21 0.00	147.34 9.23 0.00	166.78 8.80 0.00	180.88 8.79 0.00	175.41 11.12 0.00	204.60 13.74 -0.23	185.74 9.40 -63.71	167.27 8.30 -65.15	171.52 9.14 -57.85	166.34 7.82 -72.41	161.43 11.51 -22.80	167.38 12.74 -1.77	183.57 12.13 0.00	177.88 12.26 0.00	170.30 12.85 0.00	167.30 12.25 0.00	164.38 11.83 0.00	164.40 11.74 0.00	168.18 9.13 0.00
BAYONEEC___CTG4 323685	116.51 7.99 0.00	90.48 5.24 0.00	84.12 4.70 0.00	108.93 6.41 0.00	82.75 5.14 0.00	119.64 7.21 0.00	147.34 9.23 0.00	166.78 8.80 0.00	180.88 8.79 0.00	175.41 11.12 0.00	204.60 13.74 -0.23	185.74 9.40 -63.71	167.27 8.30 -65.15	171.52 9.14 -57.85	166.34 7.82 -72.41	161.43 11.51 -22.80	167.38 12.74 -1.77	183.57 12.13 0.00	177.88 12.26 0.00	170.30 12.85 0.00	167.30 12.25 0.00	164.38 11.83 0.00	164.40 11.74 0.00	168.18 9.13 0.00
BAYONEEC___CTG5 323686	116.51 7.99 0.00	90.48 5.24 0.00	84.12 4.70 0.00	108.93 6.41 0.00	82.75 5.14 0.00	119.64 7.21 0.00	147.34 9.23 0.00	166.78 8.80 0.00	180.88 8.79 0.00	175.41 11.12 0.00	204.60 13.74 -0.23	185.74 9.40 -63.71	167.27 8.30 -65.15	171.52 9.14 -57.85	166.34 7.82 -72.41	161.43 11.51 -22.80	167.38 12.74 -1.77	183.57 12.13 0.00	177.88 12.26 0.00	170.30 12.85 0.00	167.30 12.25 0.00	164.38 11.83 0.00	164.40 11.74 0.00	168.18 9.13 0.00
BAYONEEC___CTG6 323687	116.51 7.99 0.00	90.48 5.24 0.00	84.12 4.70 0.00	108.93 6.41 0.00	82.75 5.14 0.00	119.64 7.21 0.00	147.34 9.23 0.00	166.78 8.80 0.00	180.88 8.79 0.00	175.41 11.12 0.00	204.60 13.74 -0.23	185.74 9.40 -63.71	167.27 8.30 -65.15	171.52 9.14 -57.85	166.34 7.82 -72.41	161.43 11.51 -22.80	167.38 12.74 -1.77	183.57 12.13 0.00	177.88 12.26 0.00	170.30 12.85 0.00	167.30 12.25 0.00	164.38 11.83 0.00	164.40 11.74 0.00	168.18 9.13 0.00

BAYONEEC___CTG7 323688	116.51 7.99 0.00	90.48 5.24 0.00	84.12 4.70 0.00	108.93 6.41 0.00	82.75 5.14 0.00	119.64 7.21 0.00	147.34 9.23 0.00	166.78 8.80 0.00	180.88 8.79 0.00	175.41 11.12 0.00	204.60 13.74 -0.23	185.74 9.40 -63.71	167.27 8.30 -65.15	171.52 9.14 -57.85	166.34 7.82 -72.41	161.43 11.51 -22.80	167.38 12.74 -1.77	183.57 12.13 0.00	177.88 12.26 0.00	170.30 12.85 0.00	167.30 12.25 0.00	164.38 11.83 0.00	164.40 11.74 0.00	168.18 9.13 0.00
BAYONEEC___CTG8 323689	116.51 7.99 0.00	90.48 5.24 0.00	84.12 4.70 0.00	108.93 6.41 0.00	82.75 5.14 0.00	119.64 7.21 0.00	147.34 9.23 0.00	166.78 8.80 0.00	180.88 8.79 0.00	175.41 11.12 0.00	204.60 13.74 -0.23	185.74 9.40 -63.71	167.27 8.30 -65.15	171.52 9.14 -57.85	166.34 7.82 -72.41	161.43 11.51 -22.80	167.38 12.74 -1.77	183.57 12.13 0.00	177.88 12.26 0.00	170.30 12.85 0.00	167.30 12.25 0.00	164.38 11.83 0.00	164.40 11.74 0.00	168.18 9.13 0.00
BAYONEEC___CTG9 323749	116.51 7.99 0.00	90.48 5.24 0.00	84.12 4.70 0.00	108.93 6.41 0.00	82.75 5.14 0.00	119.64 7.21 0.00	147.34 9.23 0.00	166.78 8.80 0.00	180.88 8.79 0.00	175.41 11.12 0.00	204.60 13.74 -0.23	185.74 9.40 -63.71	167.27 8.30 -65.15	171.52 9.14 -57.85	166.34 7.82 -72.41	161.43 11.51 -22.80	167.38 12.74 -1.77	183.57 12.13 0.00	177.88 12.26 0.00	170.30 12.85 0.00	167.30 12.25 0.00	164.38 11.83 0.00	164.40 11.74 0.00	168.18 9.13 0.00
BEACON___LESR 323632	114.00 5.48 0.00	88.93 3.69 0.00	82.68 3.27 0.00	107.00 4.47 0.00	81.13 3.52 0.00	117.49 5.05 0.00	144.43 6.33 0.00	163.95 5.96 0.00	178.04 5.95 0.00	171.93 7.64 0.00	201.16 10.25 -0.28	196.93 6.36 -77.95	179.06 5.53 -79.71	181.48 6.18 -70.78	179.54 4.84 -88.58	141.11 7.17 -6.80	159.95 7.08 0.00	178.62 7.19 0.00	172.54 6.92 0.00	164.45 7.00 0.00	161.61 6.56 0.00	159.74 7.19 0.00	160.46 7.79 0.00	165.92 6.87 0.00
BEAVER RIVER___HYD 24048	111.51 2.99 0.00	87.54 2.30 0.00	81.62 2.20 0.00	105.26 2.73 0.00	79.40 1.79 0.00	115.46 3.03 0.00	142.56 4.45 0.00	164.29 6.30 0.00	179.30 7.21 0.00	169.04 4.75 0.00	195.70 5.06 -0.01	116.88 1.93 -2.33	97.62 1.42 -2.38	108.06 1.43 -2.11	90.04 1.28 -2.64	129.86 2.54 -0.20	158.14 5.27 0.00	178.80 7.37 0.00	171.64 6.02 0.00	158.88 1.43 0.00	154.32 -0.73 0.00	153.05 0.50 0.00	154.39 1.73 0.00	163.61 4.55 0.00
BEEBEE_GT_13 23619	105.22 -3.30 0.00	82.72 -2.53 0.00	76.69 -2.72 0.00	98.37 -4.17 0.00	74.55 -3.06 0.00	108.06 -4.38 0.00	131.70 -5.92 0.48	150.34 -6.86 0.79	165.27 -6.32 0.51	158.35 -5.95 -0.01	181.75 -8.09 0.79	95.22 -4.84 12.57	95.37 -4.59 -6.14	97.33 -5.10 2.09	85.63 -4.14 -3.65	121.34 -6.02 -0.23	146.06 -6.81 0.00	163.71 -7.72 0.00	158.28 -7.45 -0.12	147.83 -7.56 2.06	145.73 -8.12 1.20	138.80 -8.94 4.81	139.50 -9.13 4.03	151.65 -7.40 0.00
BENSHRST_27_KV_BENSHRST_1 355998	119.59 9.65 -1.42	102.53 6.71 -10.57	99.55 6.05 -14.09	110.39 7.85 0.00	93.58 6.27 -9.70	121.29 8.86 0.00	149.39 11.28 0.00	169.28 11.29 0.00	183.63 11.54 0.00	370.04 13.83 -191.92	1487.36 17.31 -1279.41	677.08 11.59 -552.86	686.42 9.99 -582.61	957.97 11.03 -842.42	747.79 9.36 -652.31	1003.35 13.76 -862.47	1385.31 15.36 -1217.08	489.19 15.01 -302.76	1997.00 15.72 -1815.65	1652.90 16.10 -1479.35	676.27 15.48 -505.74	629.48 14.96 -461.97	777.42 14.81 -609.94	511.71 12.26 -340.40
BETHLEHEM___GRP 23843	112.26 3.75 0.00	87.64 2.40 0.00	81.62 2.21 0.00	105.39 2.86 0.00	79.86 2.25 0.00	115.56 3.12 0.00	141.96 3.86 0.00	160.87 2.88 0.00	174.89 2.80 0.00	169.01 4.72 0.00	197.48 6.56 -0.28	194.97 4.33 -78.02	177.30 3.70 -79.78	179.52 4.16 -70.84	177.85 3.07 -88.66	138.09 4.15 -6.81	156.20 3.33 0.00	174.22 2.79 0.00	168.33 2.72 0.00	160.48 3.03 0.00	157.96 2.91 0.00	156.37 3.82 0.00	157.56 4.90 0.00	162.99 3.94 0.00
BETHLEHEM___GS1 323560	112.26 3.75 0.00	87.64 2.40 0.00	81.62 2.21 0.00	105.39 2.86 0.00	79.87 2.26 0.00	115.55 3.12 0.00	141.96 3.86 0.00	160.85 2.87 0.00	174.89 2.80 0.00	169.01 4.72 0.00	197.49 6.58 -0.28	194.96 4.32 -78.02	177.30 3.70 -79.78	179.53 4.16 -70.84	177.86 3.07 -88.66	138.08 4.15 -6.81	156.17 3.30 0.00	174.22 2.79 0.00	168.33 2.71 0.00	160.48 3.03 0.00	157.95 2.90 0.00	156.35 3.80 0.00	157.53 4.87 0.00	163.00 3.95 0.00
BETHLEHEM___GS2 323561	112.26 3.75 0.00	87.64 2.40 0.00	81.62 2.21 0.00	105.39 2.86 0.00	79.87 2.26 0.00	115.55 3.12 0.00	141.96 3.86 0.00	160.85 2.87 0.00	174.89 2.80 0.00	169.01 4.72 0.00	197.49 6.58 -0.28	194.96 4.32 -78.02	177.30 3.70 -79.78	179.53 4.16 -70.84	177.86 3.07 -88.66	138.08 4.15 -6.81	156.17 3.30 0.00	174.22 2.79 0.00	168.33 2.71 0.00	160.48 3.03 0.00	157.95 2.90 0.00	156.35 3.80 0.00	157.53 4.87 0.00	163.00 3.95 0.00
BETHLEHEM___GS3 323562	112.26 3.75 0.00	87.64 2.40 0.00	81.62 2.21 0.00	105.39 2.86 0.00	79.87 2.26 0.00	115.55 3.12 0.00	141.96 3.86 0.00	160.85 2.87 0.00	174.89 2.80 0.00	169.01 4.72 0.00	197.49 6.58 -0.28	194.96 4.32 -78.02	177.30 3.70 -79.78	179.53 4.16 -70.84	177.86 3.07 -88.66	138.08 4.15 -6.81	156.17 3.30 0.00	174.22 2.79 0.00	168.33 2.71 0.00	160.48 3.03 0.00	157.95 2.90 0.00	156.35 3.80 0.00	157.53 4.87 0.00	163.00 3.95 0.00
BETHLEHEM___STEEL 23779	102.57 -5.94 0.00	80.54 -4.71 0.00	74.31 -5.10 0.00	94.94 -7.59 0.00	71.80 -5.82 0.00	103.87 -8.56 0.00	121.78 -11.69 4.64	131.98 -13.67 12.33	157.99 -13.17 0.93	150.10 -12.87 1.32	162.27 -16.72 11.64	69.81 -9.86 32.95	78.43 -9.19 6.20	71.51 -9.93 23.07	70.04 -8.27 7.80	105.63 -11.99 9.50	138.63 -14.25 0.00	154.87 -16.56 0.00	140.17 -15.83 9.62	112.85 -15.57 29.02	108.62 -16.04 30.39	99.87 -16.92 35.76	111.51 -16.38 24.77	145.58 -13.47 0.00
BETHLHEM_115KV_TB1 79974	112.29 3.78 0.00	87.68 2.44 0.00	81.66 2.25 0.00	105.44 2.91 0.00	79.90 2.28 0.00	115.60 3.17 0.00	142.03 3.93 0.00	161.01 3.03 0.00	175.05 2.96 0.00	169.07 4.79 0.00	197.49 6.58 -0.28	194.96 4.38 -77.95	177.25 3.71 -79.72	179.50 4.20 -70.79	177.89 3.18 -88.60	138.30 4.37 -6.81	156.54 3.67 0.00	174.64 3.21 0.00	168.81 3.19 0.00	160.90 3.45 0.00	158.36 3.30 0.00	156.66 4.11 0.00	157.62 4.96 0.00	163.07 4.02 0.00
BETHPAGE_CC_5 323564	121.92 10.65 -2.75	98.34 7.23 -5.86	101.49 6.77 -15.31	124.88 8.97 -13.39	96.32 7.10 -11.61	130.79 10.09 -8.27	153.43 12.57 -2.76	168.07 10.65 0.57	170.30 10.09 11.88	177.52 13.31 0.07	214.30 16.64 -7.03	194.67 11.44 -70.61	180.06 10.43 -75.81	185.46 11.43 -69.50	179.45 9.82 -83.52	178.64 14.73 -36.78	178.75 16.43 -9.45	193.84 15.97 -6.44	186.54 15.24 -5.68	182.03 16.19 -8.39	185.67 15.70 -14.92	180.43 15.28 -12.59	174.12 15.33 -6.13	177.21 12.00 -6.16
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	102.94 -5.58 0.00	80.80 -4.45 0.00	74.54 -4.87 0.00	95.26 -7.27 0.00	71.99 -5.62 0.00	104.09 -8.34 0.00	122.33 -11.34 4.44	133.12 -13.14 11.72	158.53 -12.61 0.95	150.77 -12.27 1.24	163.56 -16.00 11.08	69.96 -9.47 33.20	79.68 -8.84 5.30	72.78 -9.48 22.26	71.07 -7.90 7.15	106.83 -11.35 8.94	139.34 -13.53 0.00	155.65 -15.78 0.00	141.46 -15.10 9.06	115.01 -14.85 27.60	111.00 -15.27 28.78	102.02 -16.16 34.38	113.13 -15.62 23.91	146.22 -12.83 0.00

BINGHAMTON___COGEN 23790	109.27 0.75 0.00	85.66 0.42 0.00	79.61 0.19 0.00	102.57 0.04 0.00	77.56 -0.06 0.00	112.34 -0.09 0.00	137.36 -0.33 0.42	156.73 -0.80 0.46	170.98 -0.69 0.42	164.04 -0.25 0.00	189.58 -0.40 0.66	115.87 -0.45 -3.70	113.90 -0.49 -20.57	118.93 -0.46 -14.86	108.21 -0.13 -22.22	129.00 0.08 -1.79	152.94 0.06 0.00	171.19 -0.24 0.00	165.30 -0.32 0.00	157.50 0.05 0.00	154.81 -0.24 0.00	149.08 -0.80 2.67	149.25 -0.78 2.64	158.07 -0.98 0.00
BIXINCNT_115KV_LOAD 355685	105.93 -2.59 0.00	82.70 -2.55 0.00	75.81 -3.60 0.00	97.19 -5.34 0.00	72.14 -5.47 0.00	103.35 -9.08 0.00	122.60 -12.12 3.38	137.04 -12.40 8.54	160.36 -10.69 1.05	153.55 -9.91 0.83	168.66 -13.86 8.11	68.74 -9.17 34.72	84.60 -8.53 0.69	78.26 -8.01 18.25	75.66 -6.51 3.95	112.41 -8.74 5.98	142.79 -10.09 0.00	158.26 -13.17 0.00	146.33 -13.24 6.05	124.46 -12.90 20.08	121.63 -13.17 20.26	111.47 -14.01 27.07	120.32 -12.97 19.37	147.97 -11.08 0.00
BLACK RIVER___HYD 24047	112.80 4.28 0.00	88.47 3.22 0.00	82.38 2.97 0.00	106.09 3.56 0.00	80.18 2.56 0.00	116.83 4.40 0.00	145.02 6.91 0.00	167.15 9.16 0.00	182.35 10.26 0.00	171.80 7.51 0.00	198.52 7.87 -0.01	119.32 3.46 -3.24	99.31 2.17 -3.32	109.71 2.24 -2.95	91.55 1.75 -3.69	131.30 3.90 -0.28	160.89 8.02 0.00	182.33 10.89 0.00	174.93 9.31 0.00	161.75 4.30 0.00	156.41 1.37 0.00	155.39 2.84 0.00	156.34 3.67 0.00	165.46 6.41 0.00
BLACKRVR_115KV_TB2 79977	112.80 4.28 0.00	88.47 3.22 0.00	82.38 2.97 0.00	106.09 3.56 0.00	80.18 2.57 0.00	116.84 4.40 0.00	145.02 6.92 0.00	167.15 9.16 0.00	182.35 10.26 0.00	171.80 7.51 0.00	198.54 7.89 -0.01	119.32 3.45 -3.24	99.32 2.18 -3.32	109.72 2.25 -2.95	91.55 1.75 -3.69	131.29 3.88 -0.28	160.91 8.03 0.00	182.34 10.90 0.00	174.91 9.30 0.00	161.72 4.27 0.00	156.41 1.36 0.00	155.39 2.84 0.00	156.34 3.67 0.00	165.46 6.41 0.00
BLISS_WT_PWR 323608	106.10 -2.42 0.00	82.74 -2.50 0.00	75.69 -3.72 0.00	97.08 -5.46 0.00	71.75 -5.87 0.00	102.43 -10.00 0.00	121.52 -13.20 3.38	136.27 -13.17 8.54	159.80 -11.25 1.05	153.22 -10.24 0.83	167.88 -14.63 8.11	68.03 -9.87 34.72	84.12 -9.01 0.69	77.91 -8.36 18.25	75.47 -6.70 3.95	112.39 -8.76 5.98	142.50 -10.37 0.00	157.78 -13.65 0.00	145.79 -13.78 6.05	123.98 -13.39 20.08	121.02 -13.77 20.26	110.84 -14.65 27.07	119.72 -13.57 19.37	147.27 -11.78 0.00
BLUESTONE___WT_PWR 323821	111.17 2.65 0.00	88.01 2.77 0.00	82.35 2.94 0.00	106.00 3.47 0.00	81.41 3.79 0.00	118.83 6.40 0.00	147.26 8.67 -0.48	169.70 10.71 -1.00	183.84 11.26 -0.48	172.47 8.18 0.00	196.78 5.22 -0.93	156.06 1.81 -41.62	120.11 1.28 -25.00	136.99 2.16 -30.30	119.91 2.45 -31.34	135.92 6.23 -2.57	162.42 9.55 0.00	183.33 11.90 0.00	176.68 11.06 0.00	170.48 10.27 -2.76	165.30 8.53 -1.72	163.97 5.67 -5.75	161.19 4.04 -4.48	162.18 3.13 0.00
BLUE_CIRC_CHEM_DRP 24182	112.73 4.21 0.00	88.10 2.86 0.00	82.05 2.65 0.00	105.97 3.44 0.00	80.30 2.69 0.00	116.19 3.76 0.00	142.76 4.66 0.00	161.78 3.79 0.00	175.82 3.73 0.00	169.42 5.13 0.00	197.83 6.91 -0.28	194.76 4.53 -77.61	177.02 3.83 -79.36	179.33 4.34 -70.47	177.80 3.48 -88.20	138.94 5.03 -6.78	157.88 5.01 0.00	176.25 4.82 0.00	170.30 4.68 0.00	162.27 4.82 0.00	159.73 4.68 0.00	157.57 5.02 0.00	158.20 5.53 0.00	163.76 4.71 0.00
BOC_GAS_DRP 24189	112.11 3.60 0.00	87.58 2.33 0.00	81.58 2.17 0.00	105.34 2.81 0.00	79.79 2.18 0.00	115.43 3.00 0.00	141.85 3.74 0.00	161.05 3.07 0.00	175.16 3.07 0.00	168.81 4.53 0.00	197.11 6.20 -0.28	194.36 4.12 -77.62	176.71 3.52 -79.37	178.98 3.98 -70.48	177.56 3.23 -88.21	138.48 4.58 -6.78	157.27 4.39 0.00	175.48 4.05 0.00	169.65 4.03 0.00	161.74 4.29 0.00	159.21 4.16 0.00	156.94 4.39 0.00	157.44 4.77 0.00	162.82 3.76 0.00
BOONVILLE_115KV_TB1 79983	112.21 3.69 0.00	88.10 2.86 0.00	82.08 2.67 0.00	105.89 3.36 0.00	80.12 2.51 0.00	116.42 3.99 0.00	143.64 5.53 0.00	164.82 6.83 0.00	179.77 7.68 0.00	171.07 6.78 0.00	198.28 7.64 -0.01	118.51 3.90 -1.99	98.80 2.95 -2.03	109.60 3.27 -1.81	91.41 3.04 -2.26	132.06 4.76 -0.17	159.54 6.67 0.00	179.42 7.99 0.00	172.75 7.13 0.00	162.10 4.64 0.00	158.39 3.34 0.00	156.13 3.58 0.00	156.62 3.96 0.00	164.18 5.13 0.00
BORALEX_4TH_BRANCH 23824	114.86 6.35 0.00	89.44 4.19 0.00	83.18 3.77 0.00	107.35 4.82 0.00	81.36 3.75 0.00	117.69 5.26 0.00	144.65 6.54 0.00	163.83 5.84 0.00	178.65 6.56 0.00	172.92 8.63 0.00	203.87 12.95 -0.28	198.41 8.03 -77.75	179.92 6.59 -79.51	182.65 7.52 -70.60	180.61 6.13 -88.37	145.01 8.60 -9.28	162.15 9.02 -0.26	180.58 9.15 0.00	174.54 8.92 0.00	165.83 8.38 0.00	163.91 8.87 0.00	161.05 8.50 0.00	160.78 8.12 0.00	166.21 7.16 0.00
BOWLINE___1 23526	115.30 6.78 0.00	89.64 4.40 0.00	83.35 3.94 0.00	107.83 5.30 0.00	81.85 4.24 0.00	118.35 5.92 0.00	145.62 7.51 0.00	164.80 6.82 0.00	178.71 6.62 0.00	172.84 8.55 0.00	201.44 10.58 -0.22	181.78 7.54 -61.62	163.50 6.66 -63.01	167.89 7.42 -55.95	162.53 6.38 -70.03	117.28 9.32 19.16	160.56 10.21 2.52	180.98 9.55 0.00	175.20 9.58 0.00	167.82 10.36 0.00	165.07 10.02 0.00	162.15 9.60 0.00	162.18 9.51 0.00	166.29 7.24 0.00
BOWLINE___2 23595	115.30 6.78 0.00	89.64 4.40 0.00	83.35 3.95 0.00	107.83 5.30 0.00	81.85 4.24 0.00	118.35 5.92 0.00	145.61 7.50 0.00	164.79 6.80 0.00	178.74 6.65 0.00	172.91 8.62 0.00	201.57 10.71 -0.22	181.82 7.58 -61.62	163.52 6.68 -63.01	167.90 7.42 -55.95	162.53 6.38 -70.03	117.26 9.32 19.18	160.56 10.21 2.52	181.07 9.64 0.00	175.30 9.68 0.00	167.86 10.41 0.00	165.09 10.04 0.00	162.16 9.61 0.00	162.18 9.51 0.00	166.32 7.27 0.00
BRADY___115KV_TB2 356060	109.71 1.19 0.00	86.33 1.08 0.00	80.50 1.09 0.00	104.48 1.95 0.00	78.39 0.78 0.00	113.41 0.97 0.00	138.75 0.64 0.00	160.96 2.98 0.00	175.71 3.61 0.00	162.56 -1.73 0.00	187.03 -3.60 0.00	109.23 -3.39 0.00	92.65 -1.18 0.00	102.92 -1.60 0.00	84.57 -1.55 0.00	125.08 -2.04 0.00	152.83 -0.05 0.00	173.59 2.16 0.00	167.38 1.76 0.00	158.28 0.83 0.00	156.58 1.53 0.00	154.45 1.89 0.00	154.82 2.16 0.00	163.28 4.23 0.00
BRANSCOMB___SOLAR 323811	115.09 6.57 0.00	89.76 4.51 0.00	83.59 4.18 0.00	107.86 5.33 0.00	81.81 4.20 0.00	118.57 6.14 0.00	146.16 8.06 0.00	166.30 8.31 0.00	181.31 9.22 0.00	174.64 10.35 0.00	204.49 13.57 -0.29	201.00 8.21 -80.16	182.36 6.56 -81.97	184.64 7.33 -72.79	183.23 6.01 -91.10	143.11 8.98 -7.00	163.24 10.37 0.00	182.78 11.35 0.00	176.77 11.15 0.00	168.00 10.55 0.00	165.44 10.39 0.00	162.50 9.95 0.00	162.17 9.50 0.00	167.79 8.74 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	115.93 11.19 3.78	89.60 7.72 3.36	93.20 7.32 -6.47	117.81 9.71 -5.57	90.26 7.75 -4.91	127.02 11.09 -3.50	151.51 13.62 0.22	165.61 11.17 3.55	163.57 10.97 19.49	164.88 13.22 12.63	196.10 17.02 11.55	177.34 11.77 -52.94	162.85 10.89 -58.14	164.95 11.87 -48.56	161.50 10.25 -65.13	161.96 15.31 -19.53	164.02 17.08 5.93	177.31 17.04 11.16	171.83 16.06 9.85	167.23 16.63 6.84	165.98 16.41 5.48	163.07 15.84 5.33	158.11 15.90 10.46	160.66 12.30 10.69

BRISTLHL_115KV_TB1 79998	106.42 -2.09 0.00	83.64 -1.61 0.00	77.73 -1.68 0.00	99.97 -2.56 0.00	75.73 -1.88 0.00	109.70 -2.73 0.00	134.86 -3.25 0.00	154.21 -3.78 0.00	168.33 -3.76 0.00	161.02 -3.27 0.00	186.71 -3.93 -0.02	115.32 -2.37 -5.06	96.90 -2.10 -5.18	106.90 -2.22 -4.60	90.25 -1.62 -5.76	125.22 -2.35 -0.44	150.15 -2.73 0.00	168.32 -3.11 0.00	162.65 -2.97 0.00	154.55 -2.90 0.00	151.81 -3.24 0.00	148.91 -3.63 0.00	148.89 -3.78 0.00	155.14 -3.91 0.00
BROOKHAVEN___DRP 24191	114.74 10.74 4.52	88.20 7.37 4.41	91.87 6.99 -5.47	116.47 9.27 -4.68	89.19 7.44 -4.15	126.12 10.73 -2.95	150.81 13.27 0.56	164.78 10.68 3.88	162.27 10.54 20.36	162.98 12.76 14.06	193.38 16.43 13.67	174.96 11.42 -50.91	160.57 10.63 -56.11	162.30 11.62 -46.16	159.19 10.06 -63.02	159.79 15.11 -17.55	162.13 16.96 7.70	175.37 17.12 13.18	170.04 16.06 11.63	165.49 16.63 8.59	163.73 16.50 7.82	161.14 15.97 7.38	156.25 15.94 12.35	158.85 12.41 12.62
BROOKLYN_NAVY_YARD 23515	116.53 8.02 0.00	90.42 5.18 0.00	84.04 4.63 0.00	108.87 6.34 0.00	82.71 5.10 0.00	119.63 7.20 0.00	147.38 9.27 0.00	166.83 8.84 0.00	180.89 8.80 0.00	175.45 11.17 0.00	204.44 13.58 -0.23	185.65 9.31 -63.71	167.19 8.22 -65.15	171.47 9.10 -57.85	166.30 7.77 -72.41	161.45 11.52 -22.80	167.35 12.71 -1.77	183.51 12.08 0.00	177.98 12.36 0.00	170.26 12.81 0.00	167.21 12.16 0.00	164.34 11.79 0.00	164.52 11.85 0.00	168.15 9.10 0.00
BROOKLYN___ARMY_DRP 323595	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.29 10.80 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.47 12.88 -862.47	1384.25 14.30 -1217.08	420.64 13.75 -235.46	1982.47 14.51 -1802.34	1638.38 14.89 -1466.04	675.14 14.35 -505.74	628.38 13.86 -461.97	776.38 13.77 -609.94	510.70 11.25 -340.40
BROOKVLE_69_KV_TB1 55790	128.76 10.17 -10.08	108.52 7.06 -16.22	111.13 6.48 -25.24	133.29 8.59 -22.17	103.54 6.80 -19.13	135.69 9.62 -13.63	155.85 11.64 -6.10	171.78 10.53 -3.26	183.62 10.79 -0.74	192.94 12.92 -15.73	235.49 16.24 -28.62	214.74 10.97 -91.15	200.02 9.85 -96.35	209.15 10.78 -93.85	200.28 9.27 -104.89	197.63 13.68 -56.83	195.40 15.20 -27.33	213.27 14.94 -26.90	203.90 14.55 -23.74	198.78 15.24 -26.09	208.52 14.83 -38.65	200.18 14.22 -33.41	192.06 13.98 -25.41	196.02 11.22 -25.75
BROOME_2_LFGE 323671	109.27 0.75 0.00	85.65 0.41 0.00	79.61 0.19 0.00	102.55 0.03 0.00	77.55 -0.06 0.00	112.32 -0.11 0.00	137.35 -0.34 0.42	156.74 -0.78 0.46	170.98 -0.69 0.42	164.04 -0.25 0.00	189.58 -0.40 0.66	115.82 -0.50 -3.70	113.91 -0.48 -20.57	118.93 -0.46 -14.86	108.20 -0.14 -22.22	128.98 0.07 -1.79	152.91 0.04 0.00	171.19 -0.24 0.00	165.30 -0.32 0.00	157.46 0.01 0.00	154.81 -0.24 0.00	149.09 -0.79 2.67	149.24 -0.79 2.64	158.04 -1.01 0.00
BROOME___LFGE 323600	109.27 0.75 0.00	85.65 0.41 0.00	79.61 0.19 0.00	102.55 0.03 0.00	77.55 -0.06 0.00	112.32 -0.11 0.00	137.35 -0.34 0.42	156.74 -0.78 0.46	170.98 -0.69 0.42	164.04 -0.25 0.00	189.58 -0.40 0.66	115.82 -0.50 -3.70	113.91 -0.48 -20.57	118.93 -0.46 -14.86	108.20 -0.14 -22.22	128.98 0.07 -1.79	152.91 0.04 0.00	171.19 -0.24 0.00	165.30 -0.32 0.00	157.46 0.01 0.00	154.81 -0.24 0.00	149.09 -0.79 2.67	149.24 -0.79 2.64	158.04 -1.01 0.00
BROWNFLS_115KV_TB_3_5 80003	110.14 1.62 0.00	86.51 1.27 0.00	80.65 1.24 0.00	104.35 1.82 0.00	78.37 0.76 0.00	113.47 1.04 0.00	138.98 0.87 0.00	160.59 2.61 0.00	175.39 3.30 0.00	164.22 -0.07 0.00	190.16 -0.48 -0.01	112.81 -1.44 -1.63	94.96 -0.53 -1.67	105.21 -0.79 -1.48	87.23 -0.74 -1.85	126.40 -0.87 -0.14	153.91 1.04 0.00	174.22 2.80 0.00	167.50 1.88 0.00	156.42 -1.03 0.00	153.36 -1.69 0.00	151.99 -0.57 0.00	153.43 0.77 0.00	162.55 3.50 0.00
BROWNSV1_27_KV_LOAD 356125	117.88 9.36 0.00	91.56 6.32 0.00	85.08 5.67 0.00	110.16 7.63 0.00	83.68 6.07 0.00	121.04 8.61 0.00	149.10 11.00 0.00	168.90 10.91 0.00	183.22 11.13 0.00	177.72 13.43 0.00	207.30 16.44 -0.23	187.33 10.99 -63.71	168.60 9.62 -65.15	172.97 10.60 -57.85	167.58 9.05 -72.41	163.33 13.40 -22.80	169.59 14.95 -1.77	186.11 14.69 0.00	180.37 14.76 0.00	172.70 15.25 0.00	169.67 14.62 0.00	166.60 14.05 0.00	166.58 13.91 0.00	170.41 11.36 0.00
BURROWS___LYONSDAL 23803	112.02 3.50 0.00	87.96 2.72 0.00	81.99 2.58 0.00	105.74 3.21 0.00	79.94 2.33 0.00	116.26 3.83 0.00	143.47 5.37 0.00	164.82 6.83 0.00	179.77 7.68 0.00	170.76 6.48 0.00	197.87 7.23 -0.01	118.23 3.55 -2.06	98.56 2.64 -2.10	109.29 2.91 -1.87	91.18 2.72 -2.34	131.67 4.36 -0.18	159.34 6.46 0.00	179.41 7.98 0.00	172.50 6.88 0.00	161.10 3.64 0.00	157.02 1.97 0.00	155.02 2.47 0.00	155.83 3.16 0.00	163.89 4.84 0.00
CAITHNESS_CC_1 323624	114.40 10.42 4.54	87.93 7.12 4.43	91.62 6.77 -5.45	116.20 9.01 -4.66	88.98 7.25 -4.13	125.76 10.39 -2.94	150.40 12.86 0.57	164.23 10.13 3.89	160.97 9.26 20.38	162.50 12.31 14.10	192.63 15.72 13.73	174.52 11.04 -50.86	160.20 10.32 -56.06	161.94 11.32 -46.10	158.81 9.73 -62.96	159.49 14.86 -17.50	161.81 16.67 7.74	174.53 16.34 13.24	169.20 15.26 11.68	164.99 16.17 8.63	163.02 15.85 7.88	160.60 15.48 7.43	155.81 15.54 12.41	158.35 11.96 12.67
CALPINE BETH_PAGE_GT4 24209	125.08 10.64 -5.92	102.66 7.08 -10.34	105.62 6.61 -19.60	128.47 8.76 -17.18	99.39 6.92 -14.86	132.90 9.88 -10.59	154.53 12.22 -4.20	169.26 10.39 -0.88	174.34 10.44 8.19	183.47 13.23 -5.96	223.22 16.67 -15.91	203.11 11.43 -79.06	188.50 10.42 -84.26	195.42 11.38 -79.53	188.24 9.81 -92.32	186.68 14.53 -45.03	185.74 16.06 -16.80	202.16 15.87 -14.86	193.98 15.25 -13.12	189.11 15.99 -15.67	195.35 15.61 -24.69	188.77 15.06 -21.16	181.82 15.09 -14.06	185.11 11.83 -14.23
CALPINE_BETH_PAGE_GT_4 323586	125.08 10.64 -5.92	102.66 7.08 -10.34	105.63 6.62 -19.60	128.49 8.77 -17.18	99.41 6.94 -14.86	132.89 9.87 -10.59	154.59 12.28 -4.20	169.28 10.41 -0.88	173.81 9.91 8.19	183.63 13.39 -5.96	223.20 16.66 -15.91	203.13 11.44 -79.06	188.50 10.41 -84.26	195.51 11.46 -79.53	188.25 9.82 -92.32	186.85 14.70 -45.03	186.06 16.38 -16.80	202.24 15.94 -14.86	193.97 15.24 -13.12	189.36 16.23 -15.67	195.43 15.70 -24.69	188.98 15.27 -21.16	182.02 15.29 -14.06	185.33 12.05 -14.23
CALPINE_BP_GT1 23823	125.08 10.64 -5.92	102.66 7.08 -10.34	105.63 6.62 -19.60	128.49 8.77 -17.18	99.41 6.94 -14.86	132.89 9.87 -10.59	154.59 12.28 -4.20	169.28 10.41 -0.88	173.81 9.91 8.19	183.63 13.39 -5.96	223.20 16.66 -15.91	203.13 11.44 -79.06	188.50 10.41 -84.26	195.51 11.46 -79.53	188.25 9.82 -92.32	186.85 14.70 -45.03	186.06 16.38 -16.80	202.24 15.94 -14.86	193.97 15.24 -13.12	189.36 16.23 -15.67	195.43 15.70 -24.69	188.98 15.27 -21.16	182.02 15.29 -14.06	185.33 12.05 -14.23
CALSPAN___DRP 24200	102.57 -5.94 0.00	80.54 -4.71 0.00	74.31 -5.10 0.00	94.94 -7.59 0.00	71.80 -5.82 0.00	103.87 -8.56 0.00	121.78 -11.69 4.64	131.98 -13.67 12.33	157.99 -13.17 0.93	150.10 -12.87 1.32	162.27 -16.72 11.64	69.81 -9.86 32.95	78.43 -9.19 6.20	71.51 -9.93 23.07	70.04 -8.27 7.80	105.63 -11.99 9.50	138.63 -14.25 0.00	154.87 -16.56 0.00	140.17 -15.83 9.62	112.85 -15.57 29.02	108.62 -16.04 30.39	99.87 -16.92 35.76	111.51 -16.38 24.77	145.58 -13.47 0.00

CALVERTON___SOLAR 323806	115.00 10.99 4.51	88.42 7.58 4.40	92.07 7.18 -5.48	116.74 9.53 -4.69	89.42 7.66 -4.15	126.47 11.08 -2.96	151.28 13.72 0.56	165.30 11.19 3.88	162.26 10.52 20.35	163.72 13.49 14.05	194.08 17.11 13.66	175.41 11.85 -50.93	160.91 10.96 -56.13	162.75 12.05 -46.18	159.52 10.36 -63.04	160.54 15.84 -17.57	163.20 18.01 7.68	176.32 18.05 13.16	170.81 16.81 11.62	166.50 17.62 8.57	164.58 17.33 7.80	162.09 16.90 7.36	157.23 16.90 12.34	159.79 13.34 12.60
CANDIGU_WT_PWR 323617	106.59 -1.93 0.00	83.44 -1.80 0.00	77.04 -2.37 0.00	98.20 -4.33 0.00	73.38 -4.23 0.00	105.77 -6.66 0.00	106.36 -9.76 21.99	84.41 -11.81 61.76	158.95 -11.52 1.62	146.01 -11.06 7.21	118.59 -14.09 57.95	18.74 -8.45 85.44	19.27 -7.87 66.68	-10.81 -8.11 107.21	19.45 -6.52 60.15	65.41 -8.77 52.95	143.82 -9.06 0.00	161.58 -9.84 0.00	102.28 -10.53 52.81	1.18 -10.39 145.87	-13.46 -10.07 158.43	-20.91 -11.36 162.10	33.37 -11.51 107.79	148.55 -10.50 0.00
CARR STREET_E_SYR 24060	106.85 -1.66 0.00	83.99 -1.26 0.00	78.12 -1.29 0.00	100.51 -2.01 0.00	76.13 -1.48 0.00	110.31 -2.12 0.00	135.54 -2.57 0.00	154.88 -3.11 0.00	168.97 -3.12 0.00	161.70 -2.59 0.00	187.65 -3.00 -0.02	116.60 -1.82 -5.80	97.97 -1.78 -5.93	107.82 -1.97 -5.26	91.33 -1.37 -6.59	125.70 -1.93 -0.51	150.59 -2.28 0.00	168.70 -2.73 0.00	163.05 -2.57 0.00	154.96 -2.49 0.00	152.21 -2.84 0.00	149.35 -3.20 0.00	149.28 -3.38 0.00	155.55 -3.50 0.00
CARTHAGE___PAPER 23857	112.89 4.37 0.00	88.57 3.33 0.00	82.52 3.11 0.00	106.39 3.86 0.00	80.32 2.71 0.00	116.95 4.52 0.00	144.79 6.69 0.00	166.95 8.96 0.00	182.20 10.11 0.00	171.45 7.16 0.00	198.33 7.69 -0.01	118.85 3.34 -2.89	99.18 2.40 -2.95	109.59 2.45 -2.62	91.40 2.00 -3.28	131.40 4.02 -0.25	160.66 7.79 0.00	181.95 10.52 0.00	174.54 8.92 0.00	161.50 4.05 0.00	156.57 1.52 0.00	155.36 2.81 0.00	156.46 3.80 0.00	165.70 6.65 0.00
CASSADAGA_WT_PWR 323784	102.38 -6.14 0.00	80.23 -5.02 0.00	73.61 -5.80 0.00	94.14 -8.39 0.00	70.53 -7.08 0.00	102.71 -9.72 0.00	122.42 -11.86 3.83	134.78 -13.34 9.87	158.84 -12.23 1.02	151.83 -11.47 0.99	165.73 -15.55 9.35	68.35 -9.50 34.77	81.42 -9.68 2.72	74.22 -9.98 20.31	72.54 -8.03 5.55	108.56 -11.35 7.22	138.08 -14.79 0.00	153.67 -17.76 0.00	141.55 -16.79 7.28	117.45 -16.73 23.27	113.98 -17.26 23.80	104.22 -18.11 30.22	113.44 -17.87 21.36	144.24 -14.81 0.00
CE_DUNWOOD___DRP 24194	116.25 7.73 0.00	90.34 5.10 0.00	84.00 4.59 0.00	108.67 6.14 0.00	82.52 4.91 0.00	119.36 6.93 0.00	146.85 8.74 0.00	166.17 8.19 0.00	180.38 8.29 0.00	174.63 10.34 0.00	203.81 12.94 -0.23	185.08 8.83 -63.62	166.66 7.77 -65.06	170.87 8.58 -57.77	165.77 7.35 -72.31	161.46 10.79 -23.54	166.61 11.90 -1.84	182.86 11.43 0.00	177.12 11.50 0.00	169.47 12.02 0.00	166.61 11.56 0.00	163.63 11.08 0.00	163.64 10.97 0.00	167.72 8.67 0.00
CE_MILLWOOD___DRP 24193	115.95 7.44 0.00	90.14 4.89 0.00	83.81 4.39 0.00	108.43 5.90 0.00	82.32 4.70 0.00	119.06 6.63 0.00	146.48 8.37 0.00	165.80 7.82 0.00	179.91 7.82 0.00	174.20 9.92 0.00	203.28 12.42 -0.23	184.53 8.49 -63.41	166.13 7.46 -64.84	170.36 8.26 -57.58	165.27 7.09 -72.07	161.40 10.39 -23.88	166.14 11.39 -1.88	182.41 10.97 0.00	176.62 11.00 0.00	169.06 11.61 0.00	166.18 11.14 0.00	163.23 10.68 0.00	163.24 10.58 0.00	167.35 8.30 0.00
CE_NYC2_DRP 24202	116.99 8.47 0.00	90.94 5.70 0.00	84.56 5.15 0.00	109.46 6.93 0.00	83.14 5.53 0.00	120.22 7.79 0.00	148.04 9.94 0.00	167.66 9.67 0.00	181.74 9.65 0.00	176.25 11.97 0.00	205.73 14.87 -0.23	187.14 10.07 -64.45	167.89 8.91 -65.16	172.19 9.80 -57.86	166.90 8.36 -72.42	163.39 12.33 -23.93	168.35 13.70 -1.77	184.45 13.02 0.00	181.50 13.36 -2.52	173.71 13.87 -2.39	169.97 13.26 -1.66	165.37 12.81 -0.01	165.40 12.73 -0.01	169.14 10.09 0.00
CE_NYC_DRP 24195	116.72 8.20 0.00	90.66 5.41 0.00	84.27 4.86 0.00	109.14 6.61 0.00	82.91 5.30 0.00	119.89 7.45 0.00	147.65 9.54 0.00	167.17 9.19 0.00	181.33 9.24 0.00	175.87 11.58 0.00	205.14 14.28 -0.23	186.00 9.66 -63.71	167.55 8.57 -65.15	171.78 9.40 -57.85	166.58 8.06 -72.41	161.84 11.91 -22.81	167.77 13.13 -1.77	184.05 12.62 0.00	178.35 12.73 0.00	170.75 13.30 0.00	167.73 12.68 0.00	164.77 12.22 0.00	164.78 12.12 0.00	168.57 9.52 0.00
CHAFFEE___LFGE 323603	103.46 -5.06 0.00	81.26 -3.99 0.00	74.99 -4.42 0.00	95.86 -6.67 0.00	72.55 -5.06 0.00	104.91 -7.52 0.00	123.76 -10.34 4.01	135.55 -12.02 10.42	159.54 -11.56 0.99	152.00 -11.22 1.07	166.17 -14.60 9.86	70.14 -8.62 33.86	82.23 -8.16 3.43	74.91 -8.96 20.65	72.88 -7.36 5.87	108.98 -10.42 7.73	140.20 -12.67 0.00	156.79 -14.64 0.00	143.97 -13.83 7.82	119.50 -13.44 24.52	115.66 -14.10 25.28	106.17 -15.00 31.38	116.09 -14.52 22.05	147.19 -11.86 0.00
CHATEAUG_35_KV_LOAD 355732	108.24 -0.28 0.00	85.13 -0.11 0.00	79.31 -0.10 0.00	102.42 -0.11 0.00	77.55 -0.06 0.00	112.45 0.02 0.00	138.05 -0.06 0.00	159.19 1.20 0.00	173.37 1.28 0.00	163.63 -0.65 0.00	188.35 -2.29 0.00	109.91 -2.72 0.00	91.74 -2.08 0.00	101.98 -2.54 0.00	83.82 -2.30 0.00	124.28 -2.85 0.00	151.74 -1.13 0.00	172.04 0.61 0.00	166.18 0.56 0.00	157.21 -0.25 0.00	155.05 0.00 0.00	152.50 -0.05 0.00	152.20 -0.47 0.00	159.55 0.50 0.00
CHATEAUG_WT_PWR 323614	108.04 -0.48 0.00	84.93 -0.31 0.00	79.11 -0.30 0.00	102.18 -0.35 0.00	77.38 -0.23 0.00	112.13 -0.30 0.00	137.78 -0.32 0.00	158.66 0.68 0.00	172.85 0.76 0.00	163.31 -0.98 0.00	188.33 -2.30 0.00	110.02 -2.60 0.00	91.77 -2.05 0.00	102.08 -2.44 0.00	83.81 -2.30 0.00	124.19 -2.94 0.00	151.28 -1.60 0.00	171.38 -0.05 0.00	165.58 -0.04 0.00	156.63 -0.82 0.00	154.49 -0.56 0.00	151.94 -0.61 0.00	151.69 -0.98 0.00	158.95 -0.10 0.00
CHAT_HIGH_FALL_HYD 323578	108.24 -0.28 0.00	85.13 -0.11 0.00	79.31 -0.10 0.00	102.42 -0.11 0.00	77.55 -0.06 0.00	112.45 0.02 0.00	138.05 -0.06 0.00	159.19 1.20 0.00	173.37 1.28 0.00	163.63 -0.65 0.00	188.35 -2.29 0.00	109.91 -2.72 0.00	91.74 -2.08 0.00	101.98 -2.54 0.00	83.82 -2.30 0.00	124.28 -2.85 0.00	151.74 -1.13 0.00	172.04 0.61 0.00	166.18 0.56 0.00	157.21 -0.25 0.00	155.05 0.00 0.00	152.50 -0.05 0.00	152.20 -0.47 0.00	159.55 0.50 0.00
CHAUTAUQUA___LFGE 323629	102.54 -5.98 0.00	80.32 -4.92 0.00	73.91 -5.50 0.00	94.37 -8.16 0.00	71.14 -6.47 0.00	103.33 -9.10 0.00	121.92 -11.74 4.45	132.74 -13.53 11.72	158.45 -12.67 0.97	150.97 -12.09 1.23	163.46 -16.10 11.07	68.83 -9.70 34.09	79.15 -9.36 5.31	71.82 -10.07 22.63	70.70 -8.09 7.33	106.61 -11.60 8.92	138.28 -14.60 0.00	154.26 -17.17 0.00	140.34 -16.27 9.01	113.83 -16.02 27.61	109.64 -16.68 28.73	100.42 -17.63 34.50	111.38 -17.26 24.03	144.80 -14.25 0.00
CHERRYST_13_KV_LD 356241	117.05 8.53 0.00	90.92 5.68 0.00	84.51 5.10 0.00	109.45 6.92 0.00	83.14 5.53 0.00	120.24 7.81 0.00	148.10 10.00 0.00	167.70 9.71 0.00	181.90 9.81 0.00	176.47 12.19 0.00	205.84 14.98 -0.23	186.44 10.10 -63.71	167.87 8.89 -65.15	172.19 9.81 -57.85	166.91 8.38 -72.41	162.32 12.38 -22.81	168.36 13.71 -1.77	184.68 13.25 0.00	178.98 13.36 0.00	171.30 13.84 0.00	168.25 13.20 0.00	165.31 12.76 0.00	165.32 12.65 0.00	169.07 10.02 0.00

CHESTROR_138KV_BK263 355645	114.63 6.12 0.00	89.23 3.99 0.00	83.00 3.59 0.00	107.31 4.78 0.00	81.43 3.82 0.00	117.78 5.35 0.00	144.86 6.75 0.00	164.12 6.13 0.00	178.22 6.13 0.00	172.22 7.93 0.00	201.06 10.21 -0.22	178.87 7.04 -59.21	160.43 6.06 -60.54	165.03 6.75 -53.76	159.19 5.79 -67.29	124.99 8.48 10.62	160.49 9.24 1.62	180.39 8.96 0.00	174.65 9.03 0.00	167.03 9.58 0.00	164.27 9.22 0.00	161.33 8.78 0.00	161.34 8.67 0.00	165.75 6.69 0.00
CH_MIDHUDSON___DRP 24192	116.03 7.51 0.00	90.26 5.01 0.00	83.94 4.53 0.00	108.50 5.97 0.00	82.29 4.68 0.00	119.10 6.66 0.00	146.48 8.37 0.00	166.00 8.02 0.00	180.39 8.30 0.00	174.47 10.18 0.00	203.80 12.93 -0.24	186.24 8.61 -65.01	167.77 7.46 -66.48	171.83 8.28 -59.04	167.08 7.08 -73.89	143.11 10.30 -5.68	164.17 11.30 0.00	182.90 11.47 0.00	177.18 11.56 0.00	169.30 11.85 0.00	166.43 11.38 0.00	163.47 10.92 0.00	163.40 10.73 0.00	167.83 8.77 0.00
CH_MISC_IPPS 23765	116.66 8.15 0.00	90.73 5.49 0.00	84.36 4.94 0.00	109.07 6.54 0.00	82.76 5.15 0.00	119.79 7.36 0.00	147.39 9.28 0.00	167.12 9.13 0.00	181.59 9.50 0.00	175.57 11.29 0.00	205.06 14.20 -0.23	185.87 9.38 -63.86	167.22 8.09 -65.31	171.50 8.99 -57.99	166.35 7.65 -72.58	143.88 11.18 -5.58	165.38 12.51 0.00	184.22 12.79 0.00	178.37 12.75 0.00	170.52 13.07 0.00	167.60 12.55 0.00	164.56 12.01 0.00	164.44 11.78 0.00	168.86 9.81 0.00
CH_RES_BVR_FALLS 23983	107.80 -0.72 0.00	84.85 -0.39 0.00	79.11 -0.30 0.00	102.28 -0.25 0.00	77.37 -0.25 0.00	112.15 -0.28 0.00	137.71 -0.40 0.00	158.01 0.03 0.00	172.22 0.13 0.00	163.58 -0.71 0.00	189.35 -1.29 0.00	111.61 -1.01 0.00	93.18 -0.64 0.00	103.70 -0.82 0.00	85.36 -0.75 0.00	125.99 -1.14 0.00	152.01 -0.86 0.00	170.98 -0.45 0.00	164.74 -0.88 0.00	155.62 -1.83 0.00	153.04 -2.01 0.00	150.57 -1.98 0.00	150.99 -1.67 0.00	158.18 -0.87 0.00
CH_RES_NIAGARA 23895	99.74 -8.78 0.00	78.51 -6.73 0.00	72.57 -6.84 0.00	92.80 -9.73 0.00	70.36 -7.25 0.00	101.80 -10.63 0.00	119.79 -14.68 3.63	131.07 -17.35 9.57	153.90 -17.39 0.80	146.25 -17.04 1.01	159.62 -21.97 9.04	72.63 -12.94 27.05	79.05 -11.47 3.30	74.09 -12.74 17.70	70.62 -10.55 4.94	104.15 -15.77 7.20	133.23 -19.64 0.00	148.70 -22.73 0.00	136.91 -21.35 7.36	114.36 -20.53 22.56	110.49 -21.09 23.47	102.59 -21.74 28.22	111.45 -21.56 19.65	140.53 -18.52 0.00
CH_RES_SYRACUSE 23985	107.81 -0.71 0.00	84.77 -0.48 0.00	78.87 -0.55 0.00	101.46 -1.07 0.00	76.85 -0.76 0.00	111.34 -1.10 0.00	136.84 -1.27 0.00	156.39 -1.59 0.00	170.60 -1.50 0.00	163.30 -0.99 0.00	189.37 -1.28 -0.02	118.30 -0.80 -6.48	99.52 -0.93 -6.63	109.41 -1.00 -5.89	92.92 -0.56 -7.37	126.93 -0.76 -0.57	152.00 -0.87 0.00	170.51 -0.92 0.00	164.74 -0.88 0.00	156.62 -0.84 0.00	153.75 -1.30 0.00	150.86 -1.69 0.00	150.69 -1.97 0.00	157.04 -2.01 0.00
CLINTON_WT_PWR 323605	108.04 -0.48 0.00	84.93 -0.31 0.00	79.11 -0.30 0.00	102.18 -0.35 0.00	77.38 -0.23 0.00	112.13 -0.30 0.00	137.78 -0.32 0.00	158.66 0.68 0.00	172.85 0.76 0.00	163.31 -0.98 0.00	188.33 -2.30 0.00	110.02 -2.60 0.00	91.77 -2.05 0.00	102.08 -2.44 0.00	83.81 -2.30 0.00	124.19 -2.94 0.00	151.28 -1.60 0.00	171.38 -0.05 0.00	165.58 -0.04 0.00	156.63 -0.82 0.00	154.49 -0.56 0.00	151.94 -0.61 0.00	151.69 -0.98 0.00	158.95 -0.10 0.00
CLINTON___LFGE 323618	110.22 1.70 0.00	86.57 1.33 0.00	80.62 1.20 0.00	104.05 1.52 0.00	78.86 1.25 0.00	114.28 1.85 0.00	140.76 2.66 0.00	162.06 4.07 0.00	176.55 4.46 0.00	167.08 2.80 0.00	192.36 1.73 0.00	112.06 -0.56 0.00	93.34 -0.49 0.00	103.84 -0.68 0.00	84.98 -1.13 0.00	125.93 -1.19 0.00	153.76 0.89 0.00	174.51 3.08 0.00	168.97 3.36 0.00	159.64 2.19 0.00	157.36 2.31 0.00	154.61 2.06 0.00	154.04 1.38 0.00	161.13 2.08 0.00
COBBLENY_34_KV_TB1 80064	103.48 -5.04 0.00	81.26 -3.99 0.00	74.99 -4.42 0.00	95.85 -6.68 0.00	72.54 -5.07 0.00	104.93 -7.50 0.00	123.74 -10.36 4.01	135.51 -12.05 10.42	159.61 -11.49 0.99	152.00 -11.22 1.07	166.19 -14.58 9.86	70.12 -8.65 33.86	82.22 -8.17 3.43	75.04 -8.83 20.65	72.89 -7.36 5.87	108.82 -10.58 7.73	140.32 -12.55 0.00	156.85 -14.57 0.00	143.91 -13.88 7.82	119.27 -13.66 24.52	115.67 -14.10 25.28	106.13 -15.04 31.38	116.07 -14.55 22.05	147.27 -11.78 0.00
COFFEEN___115KV_TB3 355620	113.60 5.08 0.00	89.11 3.87 0.00	82.95 3.54 0.00	106.82 4.29 0.00	80.76 3.15 0.00	117.72 5.28 0.00	146.22 8.11 0.00	168.56 10.57 0.00	183.93 11.84 0.00	173.03 8.74 0.00	199.81 9.17 -0.01	120.10 4.17 -3.31	99.86 2.65 -3.38	110.26 2.74 -3.00	91.98 2.11 -3.76	131.98 4.56 -0.29	162.21 9.33 0.00	184.02 12.59 0.00	176.67 11.05 0.00	163.53 6.08 0.00	158.21 3.16 0.00	156.92 4.37 0.00	157.63 4.97 0.00	166.67 7.62 0.00
COLDSPRG_115KV_BK1 355956	105.86 -2.66 0.00	82.94 -2.31 0.00	76.42 -2.99 0.00	97.88 -4.65 0.00	73.49 -4.12 0.00	106.72 -5.71 0.00	127.78 -7.47 2.86	142.75 -8.28 6.95	163.57 -7.41 1.11	156.75 -6.92 0.62	174.83 -9.17 6.63	71.14 -5.62 35.86	88.91 -6.27 -1.36	81.71 -6.16 16.66	78.19 -5.18 2.74	115.54 -7.06 4.53	144.14 -8.74 0.00	160.70 -10.73 0.00	150.91 -10.17 4.54	131.13 -9.90 16.41	128.84 -10.17 16.03	118.08 -11.02 23.45	125.20 -10.34 17.13	150.86 -8.19 0.00
COLONIE_LFGE___ 323577	113.62 5.11 0.00	88.61 3.36 0.00	82.48 3.07 0.00	106.50 3.97 0.00	80.71 3.10 0.00	116.83 4.40 0.00	143.74 5.64 0.00	163.22 5.23 0.00	177.85 5.76 0.00	171.62 7.33 0.00	201.09 10.17 -0.29	198.12 6.38 -79.12	179.98 5.24 -80.91	182.32 5.95 -71.85	180.90 4.86 -89.92	141.00 6.97 -6.91	160.29 7.42 0.00	179.10 7.67 0.00	173.13 7.51 0.00	164.72 7.26 0.00	162.30 7.25 0.00	159.60 7.05 0.00	159.66 7.00 0.00	165.20 6.15 0.00
COOPERNY_115KV_TB1 80082	113.06 4.54 0.00	88.22 2.97 0.00	82.08 2.67 0.00	106.06 3.53 0.00	80.43 2.82 0.00	116.36 3.93 0.00	143.10 4.99 0.00	162.45 4.46 0.00	176.56 4.47 0.00	170.12 5.84 0.00	198.36 7.56 -0.18	166.09 5.18 -48.29	147.60 4.40 -49.38	153.26 4.89 -43.85	145.24 4.25 -54.88	130.14 6.26 3.26	158.94 6.83 0.77	177.89 6.46 0.00	172.17 6.55 0.00	164.46 7.01 0.00	161.76 6.71 0.00	158.94 6.39 0.00	158.96 6.29 0.00	163.90 4.85 0.00
COPENHAGEN_WT_PWR 323753	111.93 3.41 0.00	87.78 2.53 0.00	81.76 2.35 0.00	105.20 2.67 0.00	79.57 1.96 0.00	115.97 3.54 0.00	144.00 5.89 0.00	165.86 7.87 0.00	180.89 8.80 0.00	170.66 6.37 0.00	197.30 6.65 -0.01	118.89 2.84 -3.42	98.94 1.62 -3.50	109.30 1.67 -3.10	91.35 1.35 -3.89	130.64 3.22 -0.30	159.71 6.84 0.00	180.78 9.35 0.00	173.19 7.57 0.00	159.61 2.16 0.00	153.92 -1.13 0.00	153.54 0.99 0.00	154.80 2.13 0.00	164.14 5.09 0.00
CORNELL_____ 23752	111.03 2.51 0.00	87.18 1.94 0.00	81.08 1.67 0.00	104.41 1.88 0.00	79.02 1.41 0.00	114.64 2.21 0.00	146.51 2.89 -5.51	172.42 3.27 -11.17	180.29 3.92 -4.28	168.35 3.63 -0.44	204.85 3.35 -10.87	303.13 2.12 -188.38	130.37 1.29 -35.26	202.02 1.77 -95.73	151.11 1.57 -63.42	138.35 2.61 -8.62	156.47 3.59 0.00	175.81 4.38 -0.01	173.29 4.48 -3.19	188.75 4.41 -26.89	179.59 3.70 -20.84	207.98 2.85 -52.58	196.66 2.45 -41.54	161.46 2.41 0.00

CORONA__69_KV_TB1 355595	172.41 10.50 -53.39	170.05 7.38 -77.42	170.11 6.82 -83.88	185.63 9.03 -74.07	148.28 7.08 -63.59	167.80 10.05 -45.32	176.57 12.60 -25.87	190.62 11.36 -21.27	225.25 11.47 -41.69	286.41 13.56 -108.56	382.22 16.85 -174.73	354.19 11.42 -230.15	339.44 10.26 -235.36	374.22 11.09 -258.61	345.24 9.57 -249.55	333.75 14.12 -192.51	317.05 15.86 -148.32	352.40 15.61 -165.35	326.65 15.08 -145.95	319.20 15.85 -145.90	369.62 15.41 -199.17	341.68 14.79 -174.34	323.24 14.71 -155.86	329.22 11.87 -158.30
CORTLAND__115KV_TB3 80093	110.02 1.50 0.00	86.35 1.10 0.00	80.31 0.91 0.00	103.43 0.90 0.00	78.32 0.71 0.00	113.54 1.11 0.00	140.75 1.49 -1.15	161.58 1.56 -2.03	175.20 1.96 -1.15	166.44 2.15 0.00	194.99 2.30 -2.06	171.62 1.24 -57.76	110.66 0.74 -16.11	136.67 0.91 -31.24	111.96 1.03 -24.81	131.01 1.75 -2.13	155.11 2.23 0.00	173.88 2.44 0.00	168.09 2.47 0.00	164.83 2.40 -4.98	160.10 1.94 -3.10	165.60 1.35 -11.70	163.39 1.12 -9.60	160.06 1.01 0.00
COXSACKIE__GT 23611	117.53 9.02 0.00	91.84 6.60 0.00	85.50 6.09 0.00	110.43 7.90 0.00	83.60 5.99 0.00	121.35 8.92 0.00	149.39 11.28 0.00	170.58 12.59 0.00	186.87 14.78 0.00	180.18 15.89 0.00	210.14 19.24 -0.27	197.92 11.23 -74.06	178.80 9.25 -75.74	182.33 10.55 -67.25	178.66 8.37 -84.17	145.92 12.33 -6.47	166.66 13.79 0.00	186.65 15.22 0.00	180.23 14.62 0.00	171.27 13.82 0.00	168.31 13.26 0.00	165.72 13.17 0.00	166.02 13.35 0.00	171.70 12.65 0.00
CPV__VALLEY__CC1 323721	113.65 5.13 0.00	88.53 3.29 0.00	82.34 2.93 0.00	106.46 3.93 0.00	80.75 3.14 0.00	116.79 4.36 0.00	143.63 5.52 0.00	162.75 4.76 0.00	176.77 4.68 0.00	170.67 6.38 0.00	199.41 8.57 -0.20	173.97 6.01 -55.34	155.51 5.10 -56.59	160.46 5.69 -50.25	153.90 4.89 -62.89	128.69 7.18 5.61	159.57 7.77 1.07	178.63 7.20 0.00	172.91 7.29 0.00	165.39 7.94 0.00	162.70 7.65 0.00	159.84 7.30 0.00	159.88 7.21 0.00	164.39 5.34 0.00
CPV__VALLEY__CC2 323722	113.65 5.13 0.00	88.53 3.29 0.00	82.34 2.93 0.00	106.46 3.93 0.00	80.75 3.14 0.00	116.79 4.36 0.00	143.63 5.52 0.00	162.75 4.76 0.00	176.77 4.68 0.00	170.67 6.38 0.00	199.41 8.57 -0.20	173.97 6.01 -55.34	155.51 5.10 -56.59	160.46 5.69 -50.25	153.90 4.89 -62.89	128.69 7.18 5.61	159.57 7.77 1.07	178.63 7.20 0.00	172.91 7.29 0.00	165.39 7.94 0.00	162.70 7.65 0.00	159.84 7.30 0.00	159.88 7.21 0.00	164.39 5.34 0.00
CRESCENT__HYD 24018	113.62 5.11 0.00	88.61 3.36 0.00	82.48 3.07 0.00	106.50 3.97 0.00	80.71 3.10 0.00	116.83 4.40 0.00	143.74 5.64 0.00	163.22 5.23 0.00	177.85 5.76 0.00	171.62 7.33 0.00	201.09 10.17 -0.29	198.12 6.38 -79.12	179.98 5.24 -80.91	182.32 5.95 -71.85	180.90 4.86 -89.92	141.00 6.97 -6.91	160.29 7.42 0.00	179.10 7.67 0.00	173.13 7.51 0.00	164.72 7.26 0.00	162.30 7.25 0.00	159.60 7.05 0.00	159.66 7.00 0.00	165.20 6.15 0.00
CRICKET__VALLEY_CC1 323756	115.17 6.65 0.00	89.54 4.30 0.00	83.22 3.81 0.00	107.53 5.00 0.00	81.57 3.96 0.00	117.92 5.49 0.00	144.93 6.82 0.00	163.98 6.00 0.00	178.35 6.26 0.00	172.78 8.50 0.00	202.33 11.45 -0.25	187.53 7.68 -67.22	169.26 6.69 -68.74	173.02 7.46 -61.04	168.91 6.39 -76.40	147.55 8.99 -11.43	163.12 9.67 -0.57	181.06 9.63 0.00	175.40 9.78 0.00	167.38 9.93 0.00	164.61 9.56 0.00	161.77 9.21 0.00	161.73 9.07 0.00	166.29 7.24 0.00
CRICKET__VALLEY_CC2 323757	115.17 6.65 0.00	89.54 4.30 0.00	83.22 3.81 0.00	107.53 5.00 0.00	81.57 3.96 0.00	117.92 5.49 0.00	144.93 6.82 0.00	163.98 6.00 0.00	178.35 6.26 0.00	172.78 8.50 0.00	202.33 11.45 -0.25	187.53 7.68 -67.22	169.26 6.69 -68.74	173.02 7.46 -61.04	168.91 6.39 -76.40	147.55 8.99 -11.43	163.12 9.67 -0.57	181.06 9.63 0.00	175.40 9.78 0.00	167.38 9.93 0.00	164.61 9.56 0.00	161.77 9.21 0.00	161.73 9.07 0.00	166.29 7.24 0.00
CRICKET__VALLEY_CC3 323758	115.17 6.65 0.00	89.54 4.30 0.00	83.22 3.81 0.00	107.53 5.00 0.00	81.57 3.96 0.00	117.92 5.49 0.00	144.93 6.82 0.00	163.98 6.00 0.00	178.35 6.26 0.00	172.78 8.50 0.00	202.33 11.45 -0.25	187.53 7.68 -67.22	169.26 6.69 -68.74	173.02 7.46 -61.04	168.91 6.39 -76.40	147.55 8.99 -11.43	163.12 9.67 -0.57	181.06 9.63 0.00	175.40 9.78 0.00	167.38 9.93 0.00	164.61 9.56 0.00	161.77 9.21 0.00	161.73 9.07 0.00	166.29 7.24 0.00
CRUCIBLE__METL_DRP 24180	107.81 -0.71 0.00	84.76 -0.48 0.00	78.86 -0.54 0.00	101.46 -1.07 0.00	76.85 -0.76 0.00	111.34 -1.10 0.00	136.85 -1.26 0.00	156.41 -1.58 0.00	170.62 -1.47 0.00	163.29 -0.99 0.00	189.37 -1.29 -0.02	118.31 -0.80 -6.48	99.52 -0.93 -6.63	109.41 -1.00 -5.89	92.92 -0.56 -7.37	126.93 -0.77 -0.57	152.01 -0.87 0.00	170.51 -0.93 0.00	164.71 -0.91 0.00	156.61 -0.84 0.00	153.74 -1.31 0.00	150.87 -1.68 0.00	150.69 -1.97 0.00	157.05 -2.00 0.00
DAHOWA__HYDRO 323763	115.65 7.13 0.00	90.18 4.94 0.00	83.97 4.56 0.00	108.36 5.83 0.00	82.21 4.60 0.00	119.17 6.74 0.00	147.01 8.90 0.00	167.32 9.33 0.00	182.58 10.49 0.00	175.87 11.58 0.00	205.95 15.02 -0.29	201.98 9.01 -80.35	183.20 7.22 -82.16	185.52 8.04 -72.96	184.02 6.59 -91.31	144.02 9.88 -7.01	164.37 11.50 0.00	184.13 12.70 0.00	178.07 12.45 0.00	169.17 11.72 0.00	166.61 11.57 0.00	163.55 11.00 0.00	163.15 10.48 0.00	168.78 9.73 0.00
DANC__LFGE 323619	109.68 1.16 0.00	86.10 0.85 0.00	80.15 0.74 0.00	103.13 0.60 0.00	78.05 0.44 0.00	113.49 1.06 0.00	140.43 2.32 0.00	161.29 3.30 0.00	175.94 3.85 0.00	166.79 2.50 0.00	193.02 2.37 -0.02	117.36 0.70 -4.03	97.98 0.04 -4.12	108.17 -0.01 -3.66	90.74 0.04 -4.58	128.35 0.87 -0.35	155.84 2.97 0.00	175.83 4.40 0.00	169.01 3.40 0.00	157.54 0.09 0.00	153.00 -2.05 0.00	151.65 -0.90 0.00	152.38 -0.29 0.00	160.51 1.46 0.00
DANSKAMMER__1 23586	116.66 8.15 0.00	90.73 5.49 0.00	84.36 4.94 0.00	109.07 6.54 0.00	82.76 5.15 0.00	119.79 7.36 0.00	147.39 9.28 0.00	167.12 9.13 0.00	181.59 9.50 0.00	175.57 11.29 0.00	205.06 14.20 -0.23	185.87 9.38 -63.86	167.22 8.09 -65.31	171.50 8.99 -57.99	166.35 7.65 -72.58	143.88 11.18 -5.58	165.38 12.51 0.00	184.22 12.79 0.00	178.37 12.75 0.00	170.52 13.07 0.00	167.60 12.55 0.00	164.56 12.01 0.00	164.44 11.78 0.00	168.86 9.81 0.00
DANSKAMMER__2 23589	116.66 8.15 0.00	90.73 5.49 0.00	84.36 4.94 0.00	109.07 6.54 0.00	82.76 5.15 0.00	119.79 7.36 0.00	147.39 9.28 0.00	167.12 9.13 0.00	181.59 9.50 0.00	175.57 11.29 0.00	205.06 14.20 -0.23	185.87 9.38 -63.86	167.22 8.09 -65.31	171.50 8.99 -57.99	166.35 7.65 -72.58	143.88 11.18 -5.58	165.38 12.51 0.00	184.22 12.79 0.00	178.37 12.75 0.00	170.52 13.07 0.00	167.60 12.55 0.00	164.56 12.01 0.00	164.44 11.78 0.00	168.86 9.81 0.00
DANSKAMMER__3 23590	116.66 8.15 0.00	90.73 5.49 0.00	84.36 4.94 0.00	109.07 6.54 0.00	82.76 5.15 0.00	119.79 7.36 0.00	147.39 9.28 0.00	167.12 9.13 0.00	181.59 9.50 0.00	175.57 11.29 0.00	205.06 14.20 -0.23	185.87 9.38 -63.86	167.22 8.09 -65.31	171.50 8.99 -57.99	166.35 7.65 -72.58	143.88 11.18 -5.58	165.38 12.51 0.00	184.22 12.79 0.00	178.37 12.75 0.00	170.52 13.07 0.00	167.60 12.55 0.00	164.56 12.01 0.00	164.44 11.78 0.00	168.86 9.81 0.00

DANSKAMMER___4 23591	116.66 8.15 0.00	90.73 5.49 0.00	84.36 4.94 0.00	109.07 6.54 0.00	82.76 5.15 0.00	119.79 7.36 0.00	147.39 9.28 0.00	167.12 9.13 0.00	181.59 9.50 0.00	175.57 11.29 0.00	205.06 14.20 -0.23	185.87 9.38 -63.86	167.22 8.09 -65.31	171.50 8.99 -57.99	166.35 7.65 -72.58	143.88 11.18 -5.58	165.38 12.51 0.00	184.22 12.79 0.00	178.37 12.75 0.00	170.52 13.07 0.00	167.60 12.55 0.00	164.56 12.01 0.00	164.44 11.78 0.00	168.86 9.81 0.00
DANSKAMMER___DIESEL 23592	116.67 8.15 0.00	90.73 5.49 0.00	84.36 4.94 0.00	109.07 6.54 0.00	82.76 5.15 0.00	119.78 7.35 0.00	147.39 9.28 0.00	167.11 9.12 0.00	181.58 9.49 0.00	175.57 11.29 0.00	205.07 14.20 -0.23	185.88 9.39 -63.86	167.23 8.09 -65.31	171.49 8.98 -57.99	166.34 7.64 -72.58	143.90 11.20 -5.58	165.35 12.47 0.00	184.19 12.76 0.00	178.36 12.74 0.00	170.54 13.09 0.00	167.58 12.53 0.00	164.56 12.01 0.00	164.45 11.79 0.00	168.86 9.81 0.00
DARBY___SOLAR 323810	115.11 6.60 0.00	89.76 4.52 0.00	83.59 4.18 0.00	107.93 5.40 0.00	81.83 4.22 0.00	118.59 6.16 0.00	146.22 8.11 0.00	166.35 8.37 0.00	181.42 9.33 0.00	174.78 10.49 0.00	204.66 13.74 -0.29	201.09 8.29 -80.17	182.46 6.65 -81.98	184.76 7.44 -72.80	183.34 6.11 -91.11	143.20 9.08 -7.00	163.34 10.46 0.00	182.88 11.44 0.00	176.86 11.24 0.00	168.09 10.64 0.00	165.53 10.48 0.00	162.55 10.00 0.00	162.23 9.57 0.00	167.86 8.81 0.00
DASHVILLE___HYD 23610	115.39 6.87 0.00	89.78 4.53 0.00	83.49 4.08 0.00	107.95 5.42 0.00	81.89 4.28 0.00	118.50 6.06 0.00	145.79 7.68 0.00	165.32 7.33 0.00	179.66 7.57 0.00	173.60 9.31 0.00	202.66 11.79 -0.24	185.95 7.72 -65.60	167.57 6.66 -67.08	171.48 7.39 -59.57	167.06 6.39 -74.56	142.41 9.55 -5.73	163.43 10.56 0.00	182.11 10.67 0.00	176.36 10.74 0.00	168.65 11.20 0.00	165.72 10.67 0.00	162.75 10.20 0.00	162.62 9.96 0.00	166.95 7.90 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	114.92 10.90 4.50	88.43 7.57 4.38	92.08 7.17 -5.50	116.75 9.52 -4.70	89.45 7.67 -4.17	126.68 11.28 -2.97	151.45 13.90 0.55	165.77 11.66 3.88	163.51 11.76 20.33	164.14 13.88 14.03	194.74 17.73 13.62	175.84 12.26 -50.97	161.26 11.27 -56.16	163.00 12.26 -46.22	159.97 10.78 -63.07	161.04 16.31 -17.60	164.09 18.87 7.65	178.29 19.99 13.13	172.29 18.26 11.59	167.76 18.85 8.55	166.22 18.93 7.76	163.81 18.58 7.32	158.83 18.47 12.31	161.68 15.20 12.57
DELAWARE___LFGE 323621	112.68 4.16 0.00	88.25 3.01 0.00	82.24 2.83 0.00	106.18 3.65 0.00	80.40 2.79 0.00	116.52 4.09 0.00	143.34 5.24 0.00	163.50 5.52 0.00	178.08 5.99 0.00	170.71 6.43 0.00	198.18 7.45 -0.10	144.83 4.60 -27.61	125.84 3.79 -28.24	133.85 4.26 -25.07	121.22 3.72 -31.38	135.31 5.77 -2.41	159.49 6.61 0.00	178.09 6.65 0.00	172.17 6.55 0.00	164.19 6.74 0.00	161.36 6.32 0.00	158.39 5.85 0.01	158.29 5.62 0.00	163.91 4.86 0.00
DERFIELD_115KV_TB7 355931	109.37 0.85 0.00	85.76 0.52 0.00	79.89 0.47 0.00	103.15 0.61 0.00	78.08 0.47 0.00	113.12 0.70 0.00	138.95 0.84 0.00	158.63 0.64 0.00	172.78 0.69 0.00	165.51 1.22 0.00	192.35 1.72 0.00	113.75 1.13 0.00	94.75 0.93 0.00	105.57 1.05 0.00	87.01 0.89 0.00	128.39 1.26 0.00	154.08 1.21 0.00	172.53 1.10 0.00	166.67 1.05 0.00	158.42 0.97 0.00	155.82 0.77 0.00	153.33 0.78 0.00	153.58 0.92 0.00	159.70 0.65 0.00
DOGLEVILLE___HYD 23807	112.53 4.02 0.00	87.53 2.28 0.00	81.43 2.02 0.00	105.26 2.73 0.00	79.77 2.16 0.00	115.76 3.33 0.00	142.78 4.67 0.00	162.25 4.26 0.00	176.13 4.04 0.00	170.60 6.32 0.00	200.30 9.67 0.00	118.43 5.81 0.00	98.43 4.60 0.00	109.76 5.24 0.00	90.40 4.28 0.00	133.56 6.44 0.00	159.30 6.42 0.00	178.45 7.02 0.00	172.72 7.10 0.00	164.36 6.91 0.00	161.44 6.39 0.00	158.64 6.09 0.00	158.79 6.13 0.00	163.10 4.05 0.00
DUNKIRK___115KV_TB_200 55889	102.60 -5.92 0.00	80.37 -4.87 0.00	73.98 -5.43 0.00	94.47 -8.06 0.00	71.25 -6.36 0.00	103.40 -9.03 0.00	121.88 -11.72 4.50	132.52 -13.57 11.90	158.49 -12.64 0.96	150.88 -12.16 1.25	163.25 -16.14 11.24	68.89 -9.71 34.02	78.93 -9.33 5.56	71.73 -9.93 22.85	70.52 -8.09 7.50	106.29 -11.75 9.09	138.50 -14.38 0.00	154.45 -16.97 0.00	140.22 -16.21 9.18	113.31 -16.11 28.03	109.25 -16.59 29.20	100.09 -17.55 34.91	111.19 -17.18 24.29	144.97 -14.08 0.00
DUNKIRK___1 23563	102.60 -5.92 0.00	80.37 -4.87 0.00	73.98 -5.43 0.00	94.47 -8.06 0.00	71.25 -6.36 0.00	103.40 -9.03 0.00	121.88 -11.72 4.50	132.52 -13.57 11.90	158.49 -12.64 0.96	150.88 -12.16 1.25	163.25 -16.14 11.24	68.89 -9.71 34.02	78.93 -9.33 5.56	71.73 -9.93 22.85	70.52 -8.09 7.50	106.29 -11.75 9.09	138.50 -14.38 0.00	154.45 -16.97 0.00	140.22 -16.21 9.18	113.31 -16.11 28.03	109.25 -16.59 29.20	100.09 -17.55 34.91	111.19 -17.18 24.29	144.97 -14.08 0.00
DUNKIRK___2 23564	102.60 -5.92 0.00	80.37 -4.87 0.00	73.98 -5.43 0.00	94.47 -8.06 0.00	71.25 -6.36 0.00	103.40 -9.03 0.00	121.88 -11.72 4.50	132.52 -13.57 11.90	158.49 -12.64 0.96	150.88 -12.16 1.25	163.25 -16.14 11.24	68.89 -9.71 34.02	78.93 -9.33 5.56	71.73 -9.93 22.85	70.52 -8.09 7.50	106.29 -11.75 9.09	138.50 -14.38 0.00	154.45 -16.97 0.00	140.22 -16.21 9.18	113.31 -16.11 28.03	109.25 -16.59 29.20	100.09 -17.55 34.91	111.19 -17.18 24.29	144.97 -14.08 0.00
DUNKIRK___3 23565	102.57 -5.95 0.00	80.40 -4.85 0.00	74.06 -5.35 0.00	94.58 -7.95 0.00	71.39 -6.22 0.00	103.48 -8.95 0.00	121.50 -11.78 4.83	131.44 -13.69 12.86	158.19 -12.95 0.94	150.41 -12.50 1.38	162.09 -16.41 12.14	68.96 -9.78 33.89	77.59 -9.34 6.90	70.41 -9.96 24.15	69.49 -8.17 8.45	105.25 -11.90 9.97	138.46 -14.41 0.00	154.43 -17.00 0.00	139.33 -16.21 10.08	111.16 -15.99 30.30	106.80 -16.48 31.77	97.95 -17.42 37.18	109.99 -16.95 25.72	145.05 -14.00 0.00
DUNKIRK___4 23566	102.57 -5.95 0.00	80.40 -4.85 0.00	74.06 -5.35 0.00	94.58 -7.95 0.00	71.39 -6.22 0.00	103.48 -8.95 0.00	121.50 -11.78 4.83	131.44 -13.69 12.86	158.19 -12.95 0.94	150.41 -12.50 1.38	162.09 -16.41 12.14	68.96 -9.78 33.89	77.59 -9.34 6.90	70.41 -9.96 24.15	69.49 -8.17 8.45	105.25 -11.90 9.97	138.46 -14.41 0.00	154.43 -17.00 0.00	139.33 -16.21 10.08	111.16 -15.99 30.30	106.80 -16.48 31.77	97.95 -17.42 37.18	109.99 -16.95 25.72	145.05 -14.00 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	116.59 8.07 0.00	90.61 5.37 0.00	84.23 4.82 0.00	108.99 6.46 0.00	82.76 5.15 0.00	119.73 7.29 0.00	147.31 9.20 0.00	166.69 8.70 0.00	180.90 8.81 0.00	175.20 10.91 0.00	204.46 13.59 -0.23	185.54 9.20 -63.71	167.10 8.12 -65.15	171.35 8.98 -57.85	166.21 7.68 -72.41	161.25 11.32 -22.80	167.09 12.45 -1.77	183.40 11.97 0.00	177.61 12.00 0.00	170.03 12.58 0.00	167.13 12.08 0.00	164.19 11.64 0.00	164.14 11.47 0.00	168.13 9.08 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	115.58 7.07 0.00	89.93 4.69 0.00	83.63 4.22 0.00	108.14 5.61 0.00	82.05 4.44 0.00	118.71 6.28 0.00	146.05 7.95 0.00	165.54 7.56 0.00	179.80 7.71 0.00	173.78 9.49 0.00	202.90 12.04 -0.23	182.62 8.15 -61.85	164.07 7.00 -63.24	168.48 7.80 -56.16	163.09 6.68 -70.29	136.82 9.79 0.09	163.13 10.82 0.56	182.23 10.80 0.00	176.43 10.81 0.00	168.76 11.31 0.00	165.85 10.80 0.00	162.89 10.35 0.00	162.81 10.15 0.00	167.17 8.13 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	116.54 8.03 0.00	90.58 5.34 0.00	84.30 4.88 0.00	109.05 6.52 0.00	82.88 5.28 0.00	119.87 7.44 0.00	147.57 9.46 0.00	167.00 9.01 0.00	180.99 8.90 0.00	175.35 11.07 0.00	205.18 14.31 -0.23	185.97 9.63 -63.72	167.37 8.38 -65.16	171.59 9.21 -57.86	166.48 7.94 -72.42	161.51 11.60 -22.79	167.43 12.79 -1.77	183.69 12.25 0.00	178.01 12.39 -0.01	170.38 12.93 -0.01	167.43 12.38 -0.01	164.52 11.97 -0.01	164.66 11.99 -0.01	168.33 9.28 0.00
E179THST_13_KV_LOAD 356214	117.11 8.60 0.00	91.00 5.76 0.00	84.66 5.25 0.00	109.51 6.98 0.00	83.22 5.61 0.00	120.38 7.94 0.00	148.25 10.14 0.00	167.79 9.80 0.00	181.87 9.78 0.00	176.26 11.97 0.00	206.21 15.35 -0.23	186.61 10.26 -63.72	167.89 8.91 -65.16	172.19 9.81 -57.86	166.98 8.44 -72.42	162.24 12.33 -22.79	168.32 13.68 -1.77	184.73 13.30 0.00	179.01 13.38 -0.01	171.34 13.88 -0.01	168.39 13.33 -0.01	165.40 12.85 -0.01	165.51 12.84 -0.01	169.16 10.11 0.00
EAST HAMPTON___GT 23717	113.33 9.31 4.50	87.28 6.42 4.38	91.02 6.11 -5.50	115.34 8.11 -4.70	88.36 6.58 -4.17	125.26 9.86 -2.97	149.61 12.05 0.55	163.81 9.70 3.87	160.80 9.05 20.33	162.28 12.02 14.02	192.51 15.49 13.62	174.75 11.16 -50.97	160.36 10.37 -56.16	162.01 11.26 -46.22	159.29 10.10 -63.08	160.42 15.69 -17.61	163.74 18.52 7.65	178.07 19.77 13.13	171.40 17.36 11.59	167.33 18.42 8.54	165.96 18.67 7.76	164.16 18.93 7.32	159.21 18.85 12.30	162.32 15.84 12.57
EAST RIVER___6 23660	116.87 8.35 0.00	90.78 5.54 0.00	84.36 4.95 0.00	109.25 6.72 0.00	82.99 5.38 0.00	120.07 7.64 0.00	147.90 9.79 0.00	167.45 9.46 0.00	181.71 9.62 0.00	176.26 11.97 0.00	205.60 14.73 -0.23	186.31 9.97 -63.71	167.76 8.78 -65.15	172.07 9.70 -57.85	166.80 8.27 -72.41	162.11 12.18 -22.81	168.18 13.54 -1.77	184.49 13.06 0.00	178.72 13.10 0.00	171.08 13.63 0.00	168.08 13.03 0.00	165.13 12.58 0.00	165.03 12.37 0.00	168.84 9.78 0.00
EAST RIVER___7 23524	116.87 8.35 0.00	90.78 5.54 0.00	84.36 4.95 0.00	109.25 6.72 0.00	82.99 5.38 0.00	120.07 7.64 0.00	147.90 9.79 0.00	167.45 9.46 0.00	181.71 9.62 0.00	176.26 11.97 0.00	205.60 14.73 -0.23	186.31 9.97 -63.71	167.76 8.78 -65.15	172.07 9.70 -57.85	166.80 8.27 -72.41	162.11 12.18 -22.81	168.18 13.54 -1.77	184.49 13.06 0.00	178.72 13.10 0.00	171.08 13.63 0.00	168.08 13.03 0.00	165.13 12.58 0.00	165.03 12.37 0.00	168.84 9.78 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	116.25 7.73 0.00	90.34 5.10 0.00	84.00 4.59 0.00	108.67 6.14 0.00	82.52 4.91 0.00	119.36 6.93 0.00	146.85 8.74 0.00	166.17 8.19 0.00	180.38 8.29 0.00	174.63 10.34 0.00	203.81 12.94 -0.23	185.08 8.83 -63.62	166.66 7.77 -65.06	170.87 8.58 -57.77	165.77 7.35 -72.31	161.46 10.79 -23.54	166.61 11.90 -1.84	182.86 11.43 0.00	177.12 11.50 0.00	169.47 12.02 0.00	166.61 11.56 0.00	163.63 11.08 0.00	163.64 10.97 0.00	167.72 8.67 0.00
EAST_HAMPTON___DIESEL 23722	113.01 8.99 4.50	87.04 6.18 4.38	90.79 5.89 -5.50	115.04 7.81 -4.70	88.12 6.35 -4.17	124.93 9.53 -2.97	149.17 11.62 0.55	163.32 9.20 3.87	160.27 8.51 20.33	161.79 11.52 14.02	191.92 14.91 13.62	174.42 10.83 -50.97	160.09 10.11 -56.16	161.69 10.95 -46.22	159.06 9.87 -63.08	160.05 15.32 -17.61	163.36 18.13 7.65	177.67 19.37 13.13	171.02 16.99 11.59	166.89 17.99 8.54	165.65 18.36 7.76	163.89 18.66 7.32	158.97 18.61 12.30	162.12 15.64 12.57
EAST_POINT___SOLAR 323840	116.71 8.19 0.00	91.71 6.47 0.00	85.38 5.97 0.00	110.19 7.66 0.00	83.46 5.85 0.00	121.36 8.93 0.00	149.87 11.77 0.00	172.27 14.29 0.00	186.55 14.46 0.00	177.27 12.99 0.00	205.06 14.11 -0.32	207.86 7.24 -88.00	189.00 5.19 -89.99	190.66 6.23 -79.91	192.25 6.12 -100.01	144.66 9.85 -7.68	166.89 14.01 0.00	188.35 16.91 0.00	181.95 16.33 0.00	172.45 15.00 0.00	169.09 14.05 0.00	165.77 13.22 0.00	165.11 12.44 0.00	171.63 12.58 0.00
EAST_PULASKI___ESR 323781	107.63 -0.89 0.00	84.56 -0.68 0.00	78.70 -0.71 0.00	101.20 -1.33 0.00	76.67 -0.94 0.00	111.23 -1.21 0.00	137.10 -1.01 0.00	157.00 -0.98 0.00	171.24 -0.84 0.00	163.22 -1.06 0.00	189.03 -1.63 -0.02	116.00 -1.24 -4.62	97.18 -1.36 -4.72	107.23 -1.48 -4.19	90.28 -1.09 -5.25	126.30 -1.23 -0.40	152.28 -0.60 0.00	171.22 -0.21 0.00	165.16 -0.46 0.00	155.74 -1.71 0.00	152.31 -2.74 0.00	149.97 -2.58 0.00	150.22 -2.44 0.00	157.14 -1.91 0.00
EAST_RIVER___1 323558	116.73 8.21 0.00	90.66 5.42 0.00	84.28 4.86 0.00	109.14 6.61 0.00	82.90 5.30 0.00	119.89 7.45 0.00	147.66 9.55 0.00	167.18 9.20 0.00	181.34 9.25 0.00	175.86 11.57 0.00	205.13 14.26 -0.23	186.01 9.67 -63.71	167.55 8.57 -65.15	171.81 9.43 -57.85	166.58 8.05 -72.41	161.79 11.86 -22.81	167.81 13.17 -1.77	184.06 12.63 0.00	178.33 12.71 0.00	170.70 13.25 0.00	167.72 12.67 0.00	164.77 12.22 0.00	164.78 12.12 0.00	168.57 9.51 0.00
EAST_RIVER___2 323559	116.87 8.35 0.00	90.78 5.54 0.00	84.36 4.95 0.00	109.25 6.72 0.00	82.99 5.38 0.00	120.07 7.64 0.00	147.90 9.79 0.00	167.45 9.46 0.00	181.71 9.62 0.00	176.26 11.97 0.00	205.60 14.73 -0.23	186.31 9.97 -63.71	167.76 8.78 -65.15	172.07 9.70 -57.85	166.80 8.27 -72.41	162.11 12.18 -22.81	168.18 13.54 -1.77	184.49 13.06 0.00	178.72 13.10 0.00	171.08 13.63 0.00	168.08 13.03 0.00	165.13 12.58 0.00	165.03 12.37 0.00	168.84 9.78 0.00
EAST___DELAWARE_HYD 23607	113.38 4.87 0.00	88.28 3.04 0.00	82.15 2.74 0.00	106.22 3.69 0.00	80.58 2.97 0.00	116.76 4.33 0.00	143.81 5.70 0.00	163.29 5.30 0.00	177.51 5.42 0.00	171.35 7.06 0.00	199.91 9.07 -0.21	177.07 6.19 -58.26	158.71 5.31 -59.58	163.34 5.92 -52.90	157.44 5.11 -66.21	135.38 7.50 -0.76	160.90 8.47 0.44	179.89 8.46 0.00	174.20 8.59 0.00	166.49 9.04 0.00	163.64 8.59 0.00	160.58 8.03 0.00	160.29 7.62 0.00	164.75 5.69 0.00
EIGHT_POINT___WT_PWR 323820	108.09 -0.42 0.00	84.43 -0.82 0.00	77.71 -1.70 0.00	98.72 -3.81 0.00	72.87 -4.74 0.00	104.33 -8.10 0.00	136.18 -11.62 -9.69	174.40 -14.21 -30.62	155.00 -14.91 2.18	154.02 -14.47 -4.21	200.70 -18.33 -28.40	48.00 -10.10 54.51	131.85 -10.09 -48.12	117.11 -9.71 -22.30	102.89 -8.05 -24.82	146.20 -10.26 -29.34	143.25 -9.62 0.00	161.43 -10.00 0.00	185.81 -10.60 -30.79	215.80 -11.72 -70.07	226.13 -11.95 -83.03	201.91 -14.11 -63.46	175.51 -14.35 -37.19	147.40 -11.65 0.00
ELBRIDGE_115KV_TB2 80188	107.20 -1.32 0.00	84.32 -0.92 0.00	78.45 -0.96 0.00	100.90 -1.63 0.00	76.43 -1.18 0.00	110.74 -1.69 0.00	136.02 -2.09 0.00	155.43 -2.56 0.00	169.54 -2.56 0.00	162.28 -2.01 0.00	187.99 -2.67 -0.03	117.96 -1.54 -6.87	99.36 -1.49 -7.03	109.12 -1.64 -6.24	92.80 -1.13 -7.81	126.12 -1.61 -0.60	150.81 -2.06 0.00	169.25 -2.18 0.00	163.59 -2.03 0.00	155.56 -1.89 0.00	152.61 -2.44 0.00	149.84 -2.71 0.00	149.60 -3.07 0.00	155.91 -3.14 0.00
ELEC_TRO_TEK 24086	139.11 9.95 -20.64	123.31 6.92 -31.15	125.33 6.38 -39.54	145.84 8.48 -34.83	114.27 6.69 -29.97	143.27 9.47 -21.36	160.90 11.87 -10.92	176.33 10.43 -7.92	195.76 10.51 -13.15	216.82 12.68 -39.85	272.08 15.90 -65.55	249.76 10.85 -126.28	235.13 9.82 -131.49	250.71 10.69 -135.50	236.81 9.23 -141.46	231.82 13.57 -91.12	225.89 15.11 -57.91	248.11 14.78 -61.89	234.50 14.25 -54.63	228.88 15.05 -56.37	248.92 14.65 -79.22	235.72 14.13 -69.04	225.09 14.05 -58.38	229.35 11.05 -59.26

ELLENBURG_WT_PWR 323604	108.04 -0.48 0.00	84.93 -0.31 0.00	79.11 -0.30 0.00	102.18 -0.35 0.00	77.38 -0.23 0.00	112.13 -0.30 0.00	137.78 -0.32 0.00	158.66 0.68 0.00	172.85 0.76 0.00	163.31 -0.98 0.00	188.33 -2.30 0.00	110.02 -2.60 0.00	91.77 -2.05 0.00	102.08 -2.44 0.00	83.81 -2.30 0.00	124.19 -2.94 0.00	151.28 -1.60 0.00	171.38 -0.05 0.00	165.58 -0.04 0.00	156.63 -0.82 0.00	154.49 -0.56 0.00	151.94 -0.61 0.00	151.69 -0.98 0.00	158.95 -0.10 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	102.01 -6.51 0.00	80.13 -5.11 0.00	73.98 -5.43 0.00	94.53 -8.00 0.00	71.51 -6.10 0.00	103.46 -8.97 0.00	121.09 -12.23 4.79	130.82 -14.36 12.80	157.21 -13.99 0.89	149.27 -13.64 1.38	160.80 -17.76 12.07	70.06 -10.43 32.13	77.13 -9.61 7.08	70.50 -10.45 23.57	69.10 -8.69 8.33	104.46 -12.69 9.98	137.70 -15.18 0.00	153.81 -17.62 0.00	138.68 -16.83 10.10	110.68 -16.61 30.16	106.25 -17.09 31.72	97.90 -17.90 36.75	109.89 -17.42 25.35	144.66 -14.40 0.00
EMPIRE_CC_1 323656	112.17 3.65 0.00	87.47 2.23 0.00	81.42 2.01 0.00	105.16 2.63 0.00	79.72 2.11 0.00	115.27 2.84 0.00	141.70 3.59 0.00	160.65 2.67 0.00	174.88 2.79 0.00	168.95 4.66 0.00	197.93 7.03 -0.27	192.60 4.68 -75.30	174.75 3.93 -77.00	177.39 4.50 -68.38	175.34 3.65 -85.58	141.60 5.08 -9.39	158.09 4.93 -0.29	176.01 4.58 0.00	170.06 4.44 0.00	162.00 4.56 0.00	159.66 4.61 0.00	157.22 4.67 0.00	157.44 4.78 0.00	162.74 3.69 0.00
EMPIRE_CC_2 323658	112.17 3.65 0.00	87.47 2.23 0.00	81.42 2.01 0.00	105.16 2.63 0.00	79.72 2.11 0.00	115.27 2.84 0.00	141.70 3.59 0.00	160.65 2.67 0.00	174.88 2.79 0.00	168.95 4.66 0.00	197.93 7.03 -0.27	192.60 4.68 -75.30	174.75 3.93 -77.00	177.39 4.50 -68.38	175.34 3.65 -85.58	141.60 5.08 -9.39	158.09 4.93 -0.29	176.01 4.58 0.00	170.06 4.44 0.00	162.00 4.56 0.00	159.66 4.61 0.00	157.22 4.67 0.00	157.44 4.78 0.00	162.74 3.69 0.00
ENORWICH_115KV_TB1 80156	116.96 8.44 0.00	92.18 6.94 0.00	86.02 6.61 0.00	110.96 8.44 0.00	84.43 6.81 0.00	123.39 10.95 0.00	154.90 14.78 -2.01	180.20 17.87 -4.35	193.09 19.61 -1.39	182.01 17.51 -0.22	213.13 18.33 -4.17	199.47 10.12 -76.73	129.59 7.76 -28.00	160.40 9.14 -46.74	132.88 7.56 -39.20	144.79 12.89 -4.77	169.40 16.53 0.00	189.67 18.23 0.00	185.78 18.57 -1.59	185.69 17.59 -10.64	179.79 16.07 -8.67	185.57 13.83 -19.19	180.36 12.90 -14.80	171.39 12.34 0.00
ERIE_ST__34_KV_TB1-2 80199	103.16 -5.35 0.00	80.99 -4.25 0.00	74.80 -4.61 0.00	95.68 -6.85 0.00	72.32 -5.30 0.00	104.66 -7.77 0.00	123.39 -10.54 4.18	134.77 -12.24 10.97	159.22 -11.94 0.93	151.58 -11.56 1.15	165.56 -14.69 10.37	71.68 -8.62 32.32	81.27 -8.22 4.33	74.92 -8.71 20.89	72.37 -10.57 6.26	108.28 -12.59 8.27	140.29 -14.66 0.00	156.77 -14.77 0.00	143.42 -13.84 8.35	118.07 -13.58 25.80	114.21 -14.02 26.82	105.25 -14.82 32.48	116.00 -14.00 22.67	147.51 -11.54 0.00
ERIE_WT_PWR 323693	102.63 -5.89 0.00	80.57 -4.67 0.00	74.34 -5.07 0.00	94.88 -7.65 0.00	71.83 -5.78 0.00	103.80 -8.63 0.00	121.91 -11.56 4.64	132.08 -13.58 12.33	157.95 -13.21 0.93	150.12 -12.85 1.32	162.28 -16.72 11.64	69.86 -9.81 32.95	78.47 -9.15 6.20	71.40 -10.05 23.07	70.05 -8.27 7.80	105.76 -11.86 9.50	138.52 -14.35 0.00	154.73 -16.70 0.00	140.24 -15.75 9.62	113.15 -15.28 29.02	108.71 -15.95 30.39	99.97 -16.82 35.76	111.65 -16.24 24.77	145.54 -13.50 0.00
ESPRGFLD_115KV_TB1 80157	113.63 5.11 0.00	89.51 4.26 0.00	83.42 4.01 0.00	107.64 5.11 0.00	81.48 3.87 0.00	118.33 5.90 0.00	145.76 7.65 0.00	167.60 9.62 0.00	182.73 10.64 0.00	173.68 9.39 0.00	199.82 9.19 0.00	117.70 5.07 0.00	97.76 3.94 0.00	108.95 4.43 0.00	90.23 4.11 0.00	133.65 6.53 0.00	162.07 9.19 0.00	181.96 10.53 0.00	175.85 10.23 0.00	166.94 9.49 0.00	163.77 8.72 0.00	160.37 7.82 0.00	159.75 7.09 0.00	166.27 7.22 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	110.84 2.32 0.00	87.04 1.80 0.00	80.96 1.55 0.00	104.25 1.72 0.00	78.94 1.33 0.00	114.48 2.05 0.00	145.23 2.67 -4.45	170.09 3.06 -9.05	179.14 3.62 -3.43	168.01 3.36 -0.36	202.63 3.17 -8.82	268.28 2.00 -153.66	126.24 1.20 -31.22	185.54 1.66 -79.36	141.69 1.51 -54.07	136.87 2.51 -7.24	156.26 3.39 0.00	175.52 4.09 0.00	172.45 4.18 -2.66	183.36 4.11 -21.80	175.48 3.44 -16.99	197.55 2.62 -42.37	188.34 2.24 -33.44	161.20 2.15 0.00
ETNA____115KV_TB2 80207	110.84 2.32 0.00	87.04 1.80 0.00	80.96 1.55 0.00	104.25 1.72 0.00	78.94 1.33 0.00	114.48 2.05 0.00	145.23 2.67 -4.45	170.09 3.06 -9.05	179.14 3.62 -3.43	168.01 3.36 -0.36	202.63 3.17 -8.82	268.28 2.00 -153.66	126.24 1.20 -31.22	185.54 1.66 -79.36	141.69 1.51 -54.07	136.87 2.51 -7.24	156.26 3.39 0.00	175.52 4.09 0.00	172.45 4.18 -2.66	183.36 4.11 -21.80	175.48 3.44 -16.99	197.55 2.62 -42.37	188.34 2.24 -33.44	161.20 2.15 0.00
EUCLID____115KV_TB2 356179	106.51 -2.01 0.00	83.71 -1.53 0.00	77.89 -1.52 0.00	100.21 -2.32 0.00	75.91 -1.70 0.00	109.94 -2.49 0.00	135.10 -3.01 0.00	154.34 -3.65 0.00	168.35 -3.75 0.00	161.09 -3.20 0.00	186.92 -3.73 -0.02	115.78 -2.25 -5.40	97.24 -2.10 -5.53	107.13 -2.30 -4.91	90.57 -1.69 -6.14	125.17 -2.43 -0.47	149.98 -2.89 0.00	168.05 -3.38 0.00	162.39 -3.23 0.00	154.29 -3.16 0.00	151.58 -3.47 0.00	148.79 -3.76 0.00	148.76 -3.90 0.00	155.03 -4.02 0.00
E_CANADA_CAP_HY 24051	114.24 5.72 0.00	90.03 4.78 0.00	83.88 4.47 0.00	108.18 5.65 0.00	81.88 4.27 0.00	118.92 6.49 0.00	146.52 8.42 0.00	168.65 10.66 0.00	183.71 11.63 0.00	174.38 10.09 0.00	201.07 10.11 -0.33	209.49 5.45 -91.42	191.38 4.07 -93.48	192.16 4.63 -83.01	194.30 4.29 -103.89	141.70 6.59 -7.98	162.62 9.74 0.00	183.04 11.61 0.00	176.78 11.16 0.00	167.43 9.98 0.00	164.26 9.21 0.00	161.29 8.74 0.00	160.85 8.19 0.00	167.80 8.75 0.00
E_CANADA_MHWK_HY 24050	112.53 4.02 0.00	87.53 2.28 0.00	81.43 2.02 0.00	105.26 2.73 0.00	79.77 2.16 0.00	115.76 3.33 0.00	142.78 4.67 0.00	162.25 4.26 0.00	176.13 4.04 0.00	170.60 6.32 0.00	200.30 9.67 0.00	118.43 5.81 0.00	98.43 4.60 0.00	109.76 5.24 0.00	90.40 4.28 0.00	133.56 6.44 0.00	159.30 6.42 0.00	178.45 7.02 0.00	172.72 7.10 0.00	164.36 6.91 0.00	161.44 6.39 0.00	158.64 6.09 0.00	158.79 6.13 0.00	163.10 4.05 0.00
E_FISHKILL____LBMP 23776	115.27 6.75 0.00	89.62 4.38 0.00	83.33 3.92 0.00	107.74 5.20 0.00	81.75 4.14 0.00	118.23 5.80 0.00	145.41 7.30 0.00	164.58 6.59 0.00	178.74 6.65 0.00	172.88 8.59 0.00	202.00 11.13 -0.24	185.51 7.54 -65.34	167.25 6.61 -66.82	171.17 7.32 -59.34	166.66 6.27 -74.26	145.88 9.14 -9.62	163.16 9.88 -0.40	181.32 9.89 0.00	175.56 9.94 0.00	167.86 10.41 0.00	165.06 10.01 0.00	162.18 9.63 0.00	162.23 9.56 0.00	166.53 7.48 0.00
FALCON____SEABRD_CC1 323796	109.55 1.04 0.00	86.09 0.84 0.00	80.17 0.76 0.00	103.50 0.97 0.00	78.45 0.84 0.00	113.52 1.09 0.00	140.03 1.92 0.00	161.03 3.05 0.00	175.46 3.38 0.00	166.18 1.90 0.00	191.59 0.96 0.00	111.58 -1.05 0.00	92.88 -0.94 0.00	103.33 -1.19 0.00	84.21 -1.90 0.00	124.55 -2.57 0.00	151.93 -0.94 0.00	172.40 0.97 0.00	167.05 1.43 0.00	157.80 0.36 0.00	155.47 0.42 0.00	152.83 0.28 0.00	152.29 -0.38 0.00	159.26 0.21 0.00

FALCON___SEABRD_CC2 323797	109.55 1.04 0.00	86.09 0.84 0.00	80.17 0.76 0.00	103.50 0.97 0.00	78.45 0.84 0.00	113.52 1.09 0.00	140.03 1.92 0.00	161.03 3.05 0.00	175.46 3.38 0.00	166.18 1.90 0.00	191.59 0.96 0.00	111.58 -1.05 0.00	92.88 -0.94 0.00	103.33 -1.19 0.00	84.21 -1.90 0.00	124.55 -2.57 0.00	151.93 -0.94 0.00	172.40 0.97 0.00	167.05 1.43 0.00	157.80 0.36 0.00	155.47 0.42 0.00	152.83 0.28 0.00	152.29 -0.38 0.00	159.26 0.21 0.00
FAR ROCKAWAY___4 23548	177.19 11.54 -57.13	176.14 8.18 -82.71	175.91 7.55 -88.95	191.05 9.97 -78.56	152.82 7.78 -67.43	171.62 11.13 -48.06	179.71 14.02 -27.58	193.81 12.98 -22.84	230.60 13.24 -45.27	296.02 15.27 -116.46	396.53 18.79 -187.11	367.12 12.58 -241.92	352.22 11.26 -247.13	388.90 11.81 -272.57	358.17 10.25 -261.80	346.22 15.09 -204.00	328.51 17.07 -158.56	365.53 17.03 -177.08	338.35 16.43 -156.30	330.69 17.19 -156.04	384.48 16.68 -212.76	354.77 15.95 -186.27	335.47 15.89 -166.91	341.81 13.23 -169.53
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	116.77 8.25 0.00	90.70 5.46 0.00	84.32 4.91 0.00	109.18 6.66 0.00	82.95 5.34 0.00	119.96 7.53 0.00	147.72 9.62 0.00	167.24 9.25 0.00	181.39 9.30 0.00	175.94 11.65 0.00	205.17 14.31 -0.23	186.04 9.70 -63.71	167.56 8.58 -65.15	171.79 9.41 -57.85	166.59 8.06 -72.41	161.87 11.95 -22.80	167.78 13.14 -1.77	184.07 12.64 0.00	178.36 12.74 0.00	170.80 13.34 0.00	167.77 12.72 0.00	164.80 12.25 0.00	164.86 12.19 0.00	168.61 9.56 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	116.85 8.33 0.00	90.77 5.53 0.00	84.36 4.95 0.00	109.24 6.71 0.00	82.98 5.38 0.00	120.01 7.58 0.00	147.80 9.69 0.00	167.36 9.37 0.00	181.48 9.40 0.00	176.01 11.72 0.00	205.30 14.44 -0.23	186.11 9.78 -63.71	167.62 8.64 -65.15	171.87 9.50 -57.85	166.66 8.14 -72.41	161.94 12.01 -22.80	167.91 13.27 -1.77	184.21 12.78 0.00	178.51 12.89 0.00	170.93 13.48 0.00	167.90 12.85 0.00	164.93 12.38 0.00	165.00 12.34 0.00	168.75 9.70 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	116.72 8.20 0.00	90.66 5.42 0.00	84.27 4.86 0.00	109.14 6.61 0.00	82.91 5.30 0.00	119.88 7.44 0.00	147.64 9.53 0.00	167.16 9.17 0.00	181.24 9.15 0.00	175.79 11.50 0.00	205.05 14.18 -0.23	185.98 9.64 -63.71	167.48 8.50 -65.15	171.73 9.35 -57.85	166.54 8.01 -72.41	161.78 11.86 -22.80	167.73 13.09 -1.77	183.97 12.54 0.00	178.26 12.65 0.00	170.66 13.21 0.00	167.65 12.60 0.00	164.74 12.19 0.00	164.73 12.07 0.00	168.53 9.48 0.00
FARRAGUT___LBMP 323566	116.63 8.11 0.00	90.60 5.36 0.00	84.20 4.79 0.00	109.05 6.52 0.00	82.83 5.22 0.00	119.80 7.37 0.00	147.51 9.41 0.00	167.01 9.03 0.00	181.07 8.98 0.00	175.62 11.34 0.00	204.86 13.99 -0.23	185.87 9.53 -63.71	167.38 8.41 -65.15	171.63 9.26 -57.85	166.45 7.92 -72.41	161.66 11.73 -22.80	167.58 12.35 -1.77	183.79 12.47 0.00	178.08 13.06 0.00	170.51 13.06 0.00	167.50 12.45 0.00	164.58 12.03 0.00	164.59 11.93 0.00	168.38 9.33 0.00
FENNER___WINDPWR 24204	111.14 2.62 0.00	87.29 2.05 0.00	81.27 1.87 0.00	104.74 2.21 0.00	79.37 1.76 0.00	115.26 2.83 0.00	142.55 3.79 -0.65	163.56 4.42 -1.16	177.85 5.10 -0.65	169.20 4.91 0.00	197.21 5.40 -1.17	149.28 2.73 -33.93	106.08 2.00 -10.26	125.54 2.28 -18.74	103.74 2.30 -15.33	132.04 3.61 -1.31	157.42 4.55 0.00	176.36 4.93 0.00	170.35 4.73 0.00	164.28 4.00 -2.83	160.31 3.50 -1.76	162.36 3.16 -6.66	161.10 2.97 -5.46	162.11 3.06 0.00
FIBERTEK___ENERGY 23856	107.81 -0.71 0.00	84.76 -0.48 0.00	78.86 -0.54 0.00	101.46 -1.07 0.00	76.85 -0.76 0.00	111.34 -1.10 0.00	136.85 -1.26 0.00	156.41 -1.58 0.00	170.62 -1.47 0.00	163.29 -0.99 0.00	189.37 -1.29 -0.02	118.31 -0.80 -6.48	99.52 -0.93 -6.63	109.41 -1.00 -5.89	92.92 -0.56 -7.37	126.93 -0.77 -0.57	152.01 -0.87 0.00	170.51 -0.93 0.00	164.71 -0.91 0.00	156.61 -0.84 0.00	153.74 -1.31 0.00	150.87 -1.68 0.00	150.69 -1.97 0.00	157.05 -2.00 0.00
FITZPATRICK____ 23598	104.80 -3.71 0.00	82.45 -2.79 0.00	76.77 -2.64 0.00	98.77 -3.76 0.00	74.79 -2.82 0.00	108.27 -4.17 0.00	132.99 -5.12 0.00	151.96 -6.03 0.00	165.72 -6.37 0.00	158.48 -5.81 0.00	183.79 -6.85 -0.01	112.39 -4.04 -3.81	94.22 -3.50 -3.90	104.12 -3.87 -3.46	87.44 -3.01 -4.33	122.95 -4.51 -0.33	147.45 -5.43 0.00	165.24 -6.19 0.00	159.68 -5.94 0.00	151.74 -5.72 0.00	149.13 -5.92 0.00	146.51 -6.04 0.00	146.50 -6.16 0.00	152.74 -6.31 0.00
FLOWRFLD_69_KV_BK1 356044	115.28 11.09 4.33	88.74 7.63 4.14	92.37 7.23 -5.73	117.00 9.56 -4.91	89.62 7.66 -4.34	126.53 11.01 -3.09	151.13 13.49 0.47	164.57 10.38 3.79	162.12 10.15 20.12	162.99 12.39 13.69	193.62 16.11 13.12	175.31 11.25 -51.44	161.13 10.67 -56.64	162.98 11.68 -46.78	159.61 9.93 -63.56	160.02 14.83 -18.07	162.12 16.49 7.24	174.98 16.21 12.66	169.75 15.30 11.17	165.31 16.00 8.14	163.80 15.96 7.21	161.17 15.46 6.84	156.38 15.57 11.86	159.14 12.20 12.12
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	116.88 8.36 0.00	90.92 5.68 0.00	84.53 5.12 0.00	109.29 6.76 0.00	82.92 5.31 0.00	120.03 7.60 0.00	147.72 9.61 0.00	167.44 9.45 0.00	182.04 9.95 0.00	175.99 11.70 0.00	205.61 14.74 -0.23	186.42 9.65 -64.14	167.75 8.34 -65.59	172.04 9.27 -58.24	166.89 7.88 -72.90	144.23 11.50 -5.60	165.75 12.88 0.00	184.66 13.23 0.00	178.85 13.23 0.00	170.93 13.48 0.00	168.00 12.95 0.00	164.97 12.42 0.00	164.82 12.16 0.00	169.24 10.19 0.00
FORT ORANGE____ 23900	113.20 4.68 0.00	88.45 3.20 0.00	82.36 2.95 0.00	106.36 3.84 0.00	80.61 2.99 0.00	116.61 4.18 0.00	142.97 4.86 0.00	161.69 3.71 0.00	175.83 3.75 0.00	169.99 5.70 0.00	198.61 7.69 -0.28	195.06 4.90 -77.53	177.26 4.15 -79.28	179.62 4.69 -70.40	177.84 3.61 -88.11	138.90 5.00 -6.77	157.40 4.52 0.00	175.54 4.11 0.00	169.64 4.03 0.00	161.65 4.20 0.00	159.25 4.20 0.00	157.35 4.80 0.00	158.22 5.56 0.00	163.58 4.53 0.00
FORT_DRUM_COGEN 23780	112.73 4.21 0.00	88.44 3.20 0.00	82.34 2.93 0.00	106.04 3.51 0.00	80.13 2.52 0.00	116.78 4.35 0.00	144.88 6.78 0.00	166.98 8.99 0.00	182.20 10.11 0.00	171.65 7.36 0.00	198.41 7.77 -0.01	119.21 3.41 -3.18	99.23 2.16 -3.25	109.64 2.23 -2.89	91.47 1.74 -3.61	131.24 3.84 -0.28	160.77 7.89 0.00	182.14 10.71 0.00	174.76 9.14 0.00	161.56 4.11 0.00	156.31 1.26 0.00	155.29 2.74 0.00	156.25 3.58 0.00	165.39 6.34 0.00
FOX_HILLS___ESR 323835	118.62 8.68 -1.42	101.85 6.04 -10.57	98.94 5.44 -14.09	109.53 6.99 0.00	92.96 5.66 -9.70	120.33 7.89 0.00	148.16 10.05 0.00	167.75 9.76 0.00	181.95 9.86 0.00	368.32 12.11 -191.92	1485.54 15.50 -1279.41	676.00 10.51 -552.86	685.47 9.04 -582.61	956.91 9.96 -842.42	746.93 8.50 -652.31	1002.04 12.44 -862.47	1383.74 13.79 -1217.08	403.20 13.23 -218.55	1978.85 14.23 -1799.00	1634.71 14.56 -1462.70	674.86 14.08 -505.74	628.08 13.56 -461.97	776.19 13.58 -609.94	510.45 11.00 -340.40
FPL FAR_ROCK_GT1 24212	177.17 11.52 -57.13	176.14 8.19 -82.71	175.92 7.55 -88.95	191.06 9.97 -78.56	152.81 7.77 -67.43	171.56 11.07 -48.06	179.73 14.05 -27.58	193.80 12.98 -22.84	230.06 12.69 -45.27	296.20 15.45 -116.46	396.57 18.84 -187.11	367.16 12.61 -241.92	352.21 11.26 -247.13	388.95 11.86 -272.57	358.18 10.26 -261.80	346.38 15.25 -204.00	328.80 17.36 -158.56	365.58 17.07 -177.08	338.35 16.44 -156.30	330.88 17.38 -156.04	384.52 16.72 -212.76	354.97 16.15 -186.27	335.64 16.06 -166.91	342.02 13.44 -169.53

FPL FAR_ROCK_GT2 23815	177.17 11.52 -57.13	176.14 8.19 -82.71	175.92 7.55 -88.95	191.06 9.97 -78.56	152.81 7.77 -67.43	171.56 11.07 -48.06	179.73 14.05 -27.58	193.80 12.98 -22.84	230.06 12.69 -45.27	296.20 15.45 -116.46	396.57 18.84 -187.11	367.16 12.61 -241.92	352.21 11.26 -247.13	388.95 11.86 -272.57	358.18 10.26 -261.80	346.38 15.25 -204.00	328.80 17.36 -158.56	365.58 17.07 -177.08	338.35 16.44 -156.30	330.88 17.38 -156.04	384.52 16.72 -212.76	354.97 16.15 -186.27	335.64 16.06 -166.91	342.02 13.44 -169.53
FRANKLIN_FALL_HYD 24054	110.28 1.77 0.00	86.65 1.41 0.00	80.76 1.35 0.00	104.34 1.81 0.00	78.80 1.19 0.00	114.17 1.74 0.00	139.90 1.80 0.00	161.65 3.67 0.00	176.44 4.35 0.00	166.03 1.74 0.00	191.25 0.62 0.00	111.69 -0.94 0.00	93.60 -0.22 0.00	103.91 -0.61 0.00	85.42 -0.69 0.00	126.50 -0.63 0.00	154.59 1.71 0.00	175.27 3.85 0.00	169.16 3.54 0.00	159.92 2.47 0.00	157.90 2.85 0.00	155.42 2.87 0.00	155.41 2.74 0.00	163.21 4.16 0.00
FREEPORT_EQUS_GT1 23764	136.67 10.70 -17.46	119.30 7.41 -26.64	121.53 6.89 -35.23	142.64 9.10 -31.01	111.48 7.16 -26.70	141.68 10.22 -19.03	160.34 12.77 -9.47	175.14 11.25 -5.90	186.63 10.77 -3.78	207.09 13.75 -29.04	258.83 16.96 -51.24	236.90 11.60 -112.67	222.19 10.50 -117.87	235.41 11.53 -119.36	223.25 9.84 -127.29	219.67 14.71 -77.84	215.05 16.11 -46.06	235.53 15.77 -48.34	223.42 15.14 -42.66	218.20 16.10 -44.64	234.12 15.57 -63.50	223.21 15.42 -55.24	213.68 15.41 -45.60	217.55 12.23 -46.27
FREEPORT___CT2 23818	136.67 10.70 -17.46	119.30 7.41 -26.64	121.53 6.89 -35.23	142.64 9.10 -31.01	111.48 7.16 -26.70	141.68 10.22 -19.03	160.34 12.77 -9.47	175.14 11.25 -5.90	186.63 10.77 -3.78	207.09 13.75 -29.04	258.83 16.96 -51.24	236.90 11.60 -112.67	222.19 10.50 -117.87	235.41 11.53 -119.36	223.25 9.84 -127.29	219.67 14.71 -77.84	215.05 16.11 -46.06	235.53 15.77 -48.34	223.42 15.14 -42.66	218.20 16.10 -44.64	234.12 15.57 -63.50	223.21 15.42 -55.24	213.68 15.41 -45.60	217.55 12.23 -46.27
FRESHKLS_33_KV_LOAD 356253	118.43 8.50 -1.42	101.81 6.00 -10.57	98.91 5.41 -14.09	109.35 6.81 0.00	92.93 5.63 -9.70	120.28 7.85 0.00	148.05 9.95 0.00	167.55 9.57 0.00	181.58 9.49 0.00	367.96 11.75 -191.92	1485.27 15.23 -1279.41	675.91 10.43 -552.86	685.29 8.86 -582.61	956.73 9.79 -842.42	746.78 8.35 -652.31	1001.79 12.19 -862.47	1383.48 13.53 -1217.08	404.08 13.15 -219.51	1979.15 14.34 -1799.19	1634.99 14.65 -1462.88	674.93 14.14 -505.74	628.08 13.56 -461.97	776.20 13.59 -609.94	510.50 11.05 -340.40
FULTON COGEN____ 23766	106.42 -2.09 0.00	83.64 -1.61 0.00	77.73 -1.68 0.00	99.97 -2.56 0.00	75.73 -1.88 0.00	109.70 -2.73 0.00	134.86 -3.25 0.00	154.21 -3.78 0.00	168.33 -3.76 0.00	161.02 -3.27 0.00	186.71 -3.93 -0.02	115.32 -2.37 -5.06	96.90 -2.10 -5.18	106.90 -2.22 -4.60	90.25 -1.62 -5.76	125.22 -2.35 -0.44	150.15 -2.73 0.00	168.32 -3.11 0.00	162.65 -2.97 0.00	154.55 -2.90 0.00	151.81 -3.24 0.00	148.91 -3.63 0.00	148.89 -3.78 0.00	155.14 -3.91 0.00
FULTON___LFGE 323630	115.47 6.95 0.00	90.66 5.41 0.00	84.41 5.00 0.00	108.91 6.38 0.00	82.49 4.88 0.00	119.82 7.39 0.00	147.82 9.72 0.00	169.69 11.70 0.00	184.61 12.51 0.00	175.88 11.59 0.00	203.89 12.94 -0.32	207.03 7.27 -87.14	188.40 5.46 -89.11	189.82 6.17 -79.13	190.63 5.48 -99.04	143.35 8.62 -7.61	164.72 11.84 0.00	185.29 13.86 0.00	179.02 13.40 0.00	169.86 12.40 0.00	166.73 11.68 0.00	163.56 11.01 0.00	163.07 10.41 0.00	169.41 10.36 0.00
G.F.CEMENT___DRP 24184	116.31 7.80 0.00	90.66 5.42 0.00	84.45 5.04 0.00	109.00 6.47 0.00	82.73 5.12 0.00	119.98 7.55 0.00	148.17 10.06 0.00	168.77 10.78 0.00	184.38 12.29 0.00	177.60 13.31 0.00	208.10 17.17 -0.30	203.43 10.16 -80.64	184.41 8.12 -82.47	186.82 9.07 -73.23	185.25 7.48 -91.65	145.27 11.10 -7.04	165.87 13.00 0.00	185.98 14.55 0.00	179.90 14.29 0.00	170.76 13.31 0.00	168.19 13.14 0.00	165.08 12.52 0.00	164.37 11.70 0.00	170.03 10.97 0.00
GARDENVILLE___LBMP 24039	102.33 -6.19 0.00	80.35 -4.90 0.00	74.14 -5.27 0.00	94.73 -7.80 0.00	71.60 -6.01 0.00	103.55 -8.88 0.00	120.88 -11.99 5.24	129.85 -14.07 14.07	157.52 -13.64 0.93	149.50 -13.26 1.53	160.10 -17.27 13.26	68.44 -10.14 34.04	75.86 -9.42 8.54	68.44 -10.22 25.85	67.97 -8.48 9.67	103.72 -12.34 11.06	138.18 -14.69 0.00	154.33 -17.10 0.00	138.10 -16.34 0.00	108.28 -16.03 11.18	103.60 -16.50 33.14	95.11 -17.36 34.95	108.20 -16.90 40.08	145.12 -13.93 27.57
GARDNVLA_35_KV_LD 355827	102.72 -5.79 0.00	80.64 -4.60 0.00	74.42 -5.00 0.00	95.06 -7.47 0.00	71.92 -5.69 0.00	103.99 -8.44 0.00	122.24 -11.48 4.39	132.94 -13.44 11.60	158.27 -12.90 0.92	150.48 -12.58 1.23	163.24 -16.43 10.96	70.57 -9.67 32.38	79.50 -9.03 5.29	72.85 -9.78 21.89	70.99 -8.10 7.03	106.51 -11.75 8.86	138.92 -13.95 0.00	155.23 -16.20 0.00	141.19 -15.50 8.94	114.87 -15.27 27.31	110.78 -15.75 28.51	101.91 -16.65 33.98	112.85 -16.20 23.61	145.82 -13.23 0.00
GELCKHM___115KV_LOAD 80723	106.98 -1.54 0.00	84.10 -1.14 0.00	78.27 -1.14 0.00	100.67 -1.86 0.00	76.26 -1.35 0.00	110.48 -1.95 0.00	135.78 -2.33 0.00	155.14 -2.84 0.00	169.22 -2.87 0.00	161.95 -2.34 0.00	187.88 -2.78 -0.02	116.77 -1.65 -5.80	98.11 -1.64 -5.93	108.00 -1.79 -5.27	91.46 -1.25 -6.59	125.86 -1.77 -0.51	150.81 -2.06 0.00	169.04 -2.38 0.00	163.30 -2.32 0.00	155.18 -2.27 0.00	152.42 -2.63 0.00	149.58 -2.98 0.00	149.52 -3.14 0.00	155.82 -3.24 0.00
GENERAL___MILLS 23808	102.57 -5.94 0.00	80.54 -4.71 0.00	74.31 -5.10 0.00	94.94 -7.59 0.00	71.80 -5.82 0.00	103.87 -8.56 0.00	121.78 -11.69 4.64	131.98 -13.67 12.33	157.99 -13.17 0.93	150.10 -12.87 1.32	162.27 -16.72 11.64	69.81 -9.86 32.95	78.43 -9.19 6.20	71.51 -9.93 23.07	70.04 -8.27 7.80	105.63 -11.99 9.50	138.63 -14.25 0.00	154.87 -16.56 0.00	140.17 -15.83 9.62	112.85 -15.57 29.02	108.62 -16.04 30.39	99.87 -16.92 35.76	111.51 -16.38 24.77	145.58 -13.47 0.00
GE_PLASTICS___DRP 24183	112.47 3.96 0.00	87.84 2.60 0.00	81.82 2.41 0.00	105.65 3.12 0.00	80.03 2.42 0.00	115.83 3.40 0.00	142.29 4.18 0.00	161.44 3.45 0.00	175.61 3.52 0.00	169.39 5.10 0.00	197.81 6.89 -0.28	194.74 4.53 -77.59	176.99 3.83 -79.34	179.30 4.33 -70.45	177.74 3.45 -88.18	138.75 4.85 -6.77	157.46 4.59 0.00	175.70 4.27 0.00	169.83 4.21 0.00	161.90 4.45 0.00	159.39 4.34 0.00	157.24 4.69 0.00	157.93 5.27 0.00	163.32 4.27 0.00
GILBOA___1 23756	112.40 3.88 0.00	87.80 2.56 0.00	81.97 2.56 0.00	105.85 3.32 0.00	79.94 2.33 0.00	115.68 3.25 0.00	142.18 4.08 0.00	161.59 3.61 0.00	175.81 3.72 0.00	169.25 4.96 0.00	197.40 6.55 -0.22	178.59 4.37 -61.60	160.53 3.71 -62.99	164.64 4.18 -55.94	159.68 3.55 -70.01	137.62 5.12 -5.38	157.82 4.95 0.00	175.79 4.36 0.00	170.01 4.39 0.00	162.47 5.02 0.00	159.89 4.84 0.00	157.44 4.89 0.00	157.79 5.12 0.00	163.11 4.06 0.00
GILBOA___2 23757	112.40 3.88 0.00	87.80 2.56 0.00	81.97 2.56 0.00	105.85 3.32 0.00	79.94 2.33 0.00	115.68 3.25 0.00	142.18 4.08 0.00	161.59 3.61 0.00	175.81 3.72 0.00	169.25 4.96 0.00	197.40 6.55 -0.22	178.59 4.37 -61.60	160.53 3.71 -62.99	164.64 4.18 -55.94	159.68 3.55 -70.01	137.62 5.12 -5.38	157.82 4.95 0.00	175.79 4.36 0.00	170.01 4.39 0.00	162.47 5.02 0.00	159.89 4.84 0.00	157.44 4.89 0.00	157.79 5.12 0.00	163.11 4.06 0.00

GILBOA___3 23758	112.40 3.88 0.00	87.80 2.56 0.00	81.97 2.56 0.00	105.85 3.32 0.00	79.94 2.33 0.00	115.68 3.25 0.00	142.18 4.08 0.00	161.59 3.61 0.00	175.81 3.72 0.00	169.25 4.96 0.00	197.40 6.55 -0.22	178.59 4.37 -61.60	160.53 3.71 -62.99	164.64 4.18 -55.94	159.68 3.55 -70.01	137.62 5.12 -5.38	157.82 4.95 0.00	175.79 4.36 0.00	170.01 4.39 0.00	162.47 5.02 0.00	159.89 4.84 0.00	157.44 4.89 0.00	157.79 5.12 0.00	163.11 4.06 0.00
GILBOA___4 23759	112.40 3.88 0.00	87.80 2.56 0.00	81.97 2.56 0.00	105.85 3.32 0.00	79.94 2.33 0.00	115.68 3.25 0.00	142.18 4.08 0.00	161.59 3.61 0.00	175.81 3.72 0.00	169.25 4.96 0.00	197.40 6.55 -0.22	178.59 4.37 -61.60	160.53 3.71 -62.99	164.64 4.18 -55.94	159.68 3.55 -70.01	137.62 5.12 -5.38	157.82 4.95 0.00	175.79 4.36 0.00	170.01 4.39 0.00	162.47 5.02 0.00	159.89 4.84 0.00	157.44 4.89 0.00	157.79 5.12 0.00	163.11 4.06 0.00
GILBOA___ 23599	112.40 3.89 0.00	87.80 2.56 0.00	81.97 2.56 0.00	105.86 3.32 0.00	79.94 2.33 0.00	115.68 3.25 0.00	142.19 4.08 0.00	161.60 3.62 0.00	175.79 3.70 0.00	169.26 4.98 0.00	197.40 6.55 -0.22	178.61 4.38 -61.60	160.53 3.72 -62.99	164.64 4.18 -55.94	159.67 3.54 -70.01	137.62 5.12 -5.38	157.82 4.94 0.00	175.80 4.37 0.00	170.02 4.40 0.00	162.47 5.02 0.00	159.89 4.84 0.00	157.44 4.90 0.00	157.79 5.12 0.00	163.11 4.06 0.00
GINNA___ 23603	101.09 -7.43 0.00	79.55 -5.69 0.00	73.85 -5.56 0.00	94.76 -7.77 0.00	71.83 -5.78 0.00	104.16 -8.28 0.00	127.11 -10.53 0.46	145.12 -12.07 0.79	159.40 -12.22 0.46	152.81 -11.47 0.00	175.57 -14.28 0.78	93.01 -8.47 11.14	92.29 -7.51 -5.97	94.41 -8.43 1.69	83.00 -6.83 -3.71	117.40 -9.92 -0.19	141.15 -11.73 0.00	158.24 -13.19 0.00	152.87 -12.75 0.00	142.87 -12.51 2.07	140.65 -13.11 1.29	134.26 -13.74 4.55	134.83 -14.05 3.78	145.97 -13.08 0.00
GLEN PARK___ 23778	113.38 4.86 0.00	88.93 3.68 0.00	82.79 3.38 0.00	106.60 4.07 0.00	80.60 2.99 0.00	117.47 5.04 0.00	145.90 7.79 0.00	168.19 10.21 0.00	183.46 11.36 0.00	172.67 8.38 0.00	199.43 8.78 -0.01	119.88 3.97 -3.29	99.72 2.53 -3.37	110.08 2.58 -2.99	91.85 1.99 -3.74	131.79 4.37 -0.29	161.82 8.95 0.00	183.62 12.19 0.00	176.18 10.56 0.00	163.06 5.61 0.00	157.73 2.68 0.00	156.49 3.94 0.00	157.25 4.59 0.00	166.33 7.28 0.00
GLENDALE_27_KV_LOAD 356172	117.47 8.95 0.00	91.31 6.07 0.00	84.88 5.48 0.00	109.88 7.35 0.00	83.48 5.87 0.00	120.72 8.29 0.00	148.68 10.57 0.00	168.42 10.44 0.00	182.64 10.55 0.00	177.16 12.87 0.00	206.77 15.90 -0.23	187.79 10.72 -64.45	168.41 9.42 -65.16	172.74 10.35 -57.86	167.38 8.84 -72.42	164.10 13.04 -23.93	169.15 14.50 -1.77	187.37 13.99 -1.95	182.87 14.34 -2.91	175.03 14.80 -2.77	170.89 14.18 -1.66	166.23 13.67 -0.01	166.19 13.51 -0.01	169.92 10.87 0.00
GLENWOOD_IC_1_G5 23712	127.10 9.59 -8.99	106.51 6.59 -14.68	109.22 6.05 -23.76	131.41 8.01 -20.86	101.97 6.35 -18.01	134.20 8.93 -12.83	154.07 10.35 -5.60	170.18 9.24 -2.95	182.58 9.33 -1.17	190.31 11.48 -14.54	231.47 14.65 -26.19	211.47 10.00 -88.84	196.82 8.96 -94.04	205.46 9.82 -91.11	197.05 8.45 -102.49	194.15 12.45 -54.57	191.94 13.76 -25.31	209.32 13.30 -24.60	200.37 13.04 -21.71	195.38 13.83 -24.10	204.42 13.39 -35.98	196.46 12.83 -31.07	188.49 12.58 -23.24	192.51 9.91 -23.55
GLENWOOD_IC_2_G1 23688	117.38 8.86 0.00	93.25 6.03 -1.98	96.50 5.50 -11.59	119.97 7.34 -10.09	92.23 5.83 -8.78	126.90 8.21 -6.26	149.88 10.26 -1.50	167.34 9.36 0.00	181.33 9.25 0.00	175.93 11.64 0.00	205.50 14.64 -0.23	186.74 9.97 -64.15	172.02 8.85 -69.34	176.10 9.74 -61.84	171.27 8.36 -76.79	169.93 12.34 -30.47	170.41 13.72 -3.82	184.49 13.06 0.00	178.54 12.92 0.00	173.98 13.72 -2.82	175.77 13.26 -7.46	171.37 12.78 -6.04	165.30 12.57 -0.06	169.02 9.97 0.00
GLENWOOD_IC_3_G1 23689	117.38 8.86 0.00	93.25 6.03 -1.98	96.50 5.50 -11.59	119.97 7.34 -10.09	92.23 5.83 -8.78	126.90 8.21 -6.26	149.88 10.26 -1.50	167.34 9.36 0.00	181.33 9.25 0.00	175.93 11.64 0.00	205.50 14.64 -0.23	186.74 9.97 -64.15	172.02 8.85 -69.34	176.10 9.74 -61.84	171.27 8.36 -76.79	169.93 12.34 -30.47	170.41 13.72 -3.82	184.49 13.06 0.00	178.54 12.92 0.00	173.98 13.72 -2.82	175.77 13.26 -7.46	171.37 12.78 -6.04	165.30 12.57 -0.06	169.02 9.97 0.00
GLENWOOD___4 23550	127.10 9.59 -8.99	106.51 6.59 -14.68	109.22 6.05 -23.76	131.41 8.01 -20.86	101.97 6.35 -18.01	134.23 8.96 -12.83	154.40 10.69 -5.60	170.56 9.62 -2.95	183.03 9.77 -1.17	190.75 11.92 -14.54	231.90 15.08 -26.19	211.72 10.26 -88.84	197.06 9.20 -94.04	205.72 10.09 -91.11	197.27 8.67 -102.49	194.48 12.78 -54.57	192.37 14.18 -25.31	209.78 13.76 -24.60	200.80 13.47 -21.71	195.76 14.21 -24.10	204.84 13.81 -35.98	196.82 13.20 -31.07	188.83 12.93 -23.24	192.85 10.26 -23.55
GLENWOOD___5 23614	127.10 9.59 -8.99	106.51 6.59 -14.68	109.22 6.05 -23.76	131.41 8.01 -20.86	101.97 6.35 -18.01	134.23 8.96 -12.83	154.40 10.69 -5.60	170.56 9.62 -2.95	183.03 9.77 -1.17	190.75 11.92 -14.54	231.90 15.08 -26.19	211.72 10.26 -88.84	197.06 9.20 -94.04	205.72 10.09 -91.11	197.27 8.67 -102.49	194.48 12.78 -54.57	192.37 14.18 -25.31	209.78 13.76 -24.60	200.80 13.47 -21.71	195.76 14.21 -24.10	204.84 13.81 -35.98	196.82 13.20 -31.07	188.83 12.93 -23.24	192.85 10.26 -23.55
GLOBAL GREEN_PORT_GT1 23814	114.57 10.55 4.50	88.22 7.36 4.38	91.90 6.99 -5.50	116.49 9.26 -4.70	89.25 7.47 -4.17	126.50 11.11 -2.97	151.26 13.71 0.55	165.64 11.52 3.87	162.81 11.06 20.33	164.23 13.96 14.02	194.67 17.65 13.62	175.93 12.34 -50.97	161.28 11.29 -56.17	163.09 12.34 -46.23	160.09 10.90 -63.08	161.56 16.82 -17.61	164.96 19.73 7.65	179.26 20.96 13.12	172.84 18.81 11.58	168.57 19.65 8.54	167.02 19.72 7.75	164.93 19.70 7.32	159.93 19.57 12.30	162.93 16.44 12.56
GLOBE___DSASP 323697	99.62 -8.89 0.00	78.41 -6.83 0.00	72.50 -6.92 0.00	92.69 -9.84 0.00	70.27 -7.34 0.00	101.66 -10.77 0.00	119.66 -14.83 3.61	130.95 -17.52 9.52	153.72 -17.58 0.79	146.06 -17.23 1.00	159.46 -22.18 8.99	72.63 -13.05 26.94	78.97 -11.58 3.28	74.08 -12.85 17.59	70.59 -10.64 4.89	104.04 -15.93 7.16	133.00 -19.87 0.00	148.44 -22.99 0.00	136.69 -21.61 7.31	114.32 -20.69 22.44	110.48 -21.23 23.33	102.59 -21.89 28.07	111.39 -21.72 19.55	140.31 -18.75 0.00
GOETHSLN___LBMP 323567	115.93 7.42 0.00	90.04 4.79 0.00	83.72 4.31 0.00	108.40 5.87 0.00	82.38 4.77 0.00	119.05 6.62 0.00	146.58 8.47 0.00	165.93 7.95 0.00	179.92 7.83 0.00	174.53 10.24 0.00	203.53 12.67 -0.23	185.10 8.76 -63.71	166.74 7.76 -65.15	170.92 8.55 -57.85	165.86 7.33 -72.41	131.89 10.81 6.05	129.67 11.83 35.04	181.56 11.22 1.09	172.35 11.33 4.60	169.48 12.03 0.00	166.45 11.40 0.00	163.53 10.98 0.00	163.52 10.86 0.00	167.31 8.26 0.00
GOLAH___69_KV_TB 1_2 80279	105.47 -3.05 0.00	82.92 -2.33 0.00	76.84 -2.57 0.00	98.53 -4.00 0.00	74.69 -2.92 0.00	108.29 -4.14 0.00	132.00 -5.62 0.48	150.73 -6.49 0.76	165.73 -5.84 0.52	158.80 -5.50 -0.02	182.20 -7.67 0.77	95.03 -4.65 12.94	95.48 -4.60 -6.26	97.26 -5.12 2.14	85.58 -4.21 -3.68	121.28 -6.12 -0.28	146.19 -6.69 0.00	164.06 -7.37 0.00	158.80 -7.02 -0.20	148.25 -7.21 1.99	146.08 -7.87 1.10	138.92 -8.80 4.84	139.59 -9.00 4.07	152.03 -7.02 0.00

GOODYEAR_LAKE_HYD 323669	113.48 4.96 0.00	89.05 3.81 0.00	82.98 3.57 0.00	107.11 4.58 0.00	81.14 3.52 0.00	117.70 5.27 0.00	144.96 6.86 0.00	165.83 7.84 0.00	180.73 8.64 0.00	172.73 8.45 0.00	199.80 9.10 -0.07	137.74 5.38 -19.74	118.36 4.36 -20.18	127.34 4.90 -17.92	112.91 4.36 -22.43	135.68 6.83 -1.72	161.39 8.52 0.00	180.54 9.11 0.00	174.53 8.91 0.00	166.22 8.77 0.00	163.23 8.18 0.00	160.00 7.45 0.00	159.56 6.89 0.00	165.37 6.32 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	109.29 0.77 0.00	85.70 0.46 0.00	79.62 0.20 0.00	102.60 0.07 0.00	77.57 -0.04 0.00	112.35 -0.09 0.00	137.28 -0.36 0.46	156.57 -0.87 0.54	170.88 -0.75 0.46	164.00 -0.29 0.00	189.45 -0.45 0.73	113.91 -0.55 -1.84	113.22 -0.54 -19.95	116.65 -0.55 -12.68	106.48 -0.18 -20.55	128.72 0.00 -1.60	152.81 -0.06 0.00	171.09 -0.34 0.00	165.17 -0.45 0.00	156.59 -0.07 0.80	154.22 -0.33 0.50	148.55 -0.86 3.14	148.77 -0.88 3.02	158.02 -1.04 0.00
GOUDEY___7 23579	109.29 0.77 0.00	85.70 0.46 0.00	79.62 0.20 0.00	102.60 0.07 0.00	77.57 -0.04 0.00	112.35 -0.09 0.00	137.28 -0.36 0.46	156.57 -0.87 0.54	170.88 -0.75 0.46	164.00 -0.29 0.00	189.45 -0.45 0.73	113.91 -0.55 -1.84	113.22 -0.54 -19.95	116.65 -0.55 -12.68	106.48 -0.18 -20.55	128.72 0.00 -1.60	152.81 -0.06 0.00	171.09 -0.34 0.00	165.17 -0.45 0.00	156.59 -0.07 0.80	154.22 -0.33 0.50	148.55 -0.86 3.14	148.77 -0.88 3.02	158.02 -1.04 0.00
GOUDEY___8 23580	109.29 0.77 0.00	85.70 0.46 0.00	79.62 0.20 0.00	102.60 0.07 0.00	77.57 -0.04 0.00	112.35 -0.09 0.00	137.28 -0.36 0.46	156.57 -0.87 0.54	170.88 -0.75 0.46	164.00 -0.29 0.00	189.45 -0.45 0.73	113.91 -0.55 -1.84	113.22 -0.54 -19.95	116.65 -0.55 -12.68	106.48 -0.18 -20.55	128.72 0.00 -1.60	152.81 -0.06 0.00	171.09 -0.34 0.00	165.17 -0.45 0.00	156.59 -0.07 0.80	154.22 -0.33 0.50	148.55 -0.86 3.14	148.77 -0.88 3.02	158.02 -1.04 0.00
GOWANUS_GT1_1 24077	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.27 10.79 -552.86	685.76 9.33 -582.61	957.23 10.29 -842.42	747.19 8.76 -652.31	1002.46 12.87 -862.47	1384.19 14.24 -1217.08	420.59 13.71 -235.46	1982.39 14.42 -1802.34	1638.36 14.88 -1466.04	675.08 14.30 -505.74	628.36 13.84 -461.97	776.34 13.73 -609.94	510.69 11.24 -340.40
GOWANUS_GT1_2 24078	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.27 10.79 -552.86	685.76 9.33 -582.61	957.23 10.29 -842.42	747.19 8.76 -652.31	1002.46 12.87 -862.47	1384.19 14.24 -1217.08	420.59 13.71 -235.46	1982.39 14.42 -1802.34	1638.36 14.88 -1466.04	675.08 14.30 -505.74	628.36 13.84 -461.97	776.34 13.73 -609.94	510.69 11.24 -340.40
GOWANUS_GT1_3 24079	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.27 10.79 -552.86	685.76 9.33 -582.61	957.23 10.29 -842.42	747.19 8.76 -652.31	1002.46 12.87 -862.47	1384.19 14.24 -1217.08	420.59 13.71 -235.46	1982.39 14.42 -1802.34	1638.36 14.88 -1466.04	675.08 14.30 -505.74	628.36 13.84 -461.97	776.34 13.73 -609.94	510.69 11.24 -340.40
GOWANUS_GT1_4 24080	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.27 10.79 -552.86	685.76 9.33 -582.61	957.23 10.29 -842.42	747.19 8.76 -652.31	1002.46 12.87 -862.47	1384.19 14.24 -1217.08	420.59 13.71 -235.46	1982.39 14.42 -1802.34	1638.36 14.88 -1466.04	675.08 14.30 -505.74	628.36 13.84 -461.97	776.34 13.73 -609.94	510.69 11.24 -340.40
GOWANUS_GT1_5 24084	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.27 10.79 -552.86	685.76 9.33 -582.61	957.23 10.29 -842.42	747.19 8.76 -652.31	1002.46 12.87 -862.47	1384.19 14.24 -1217.08	420.59 13.71 -235.46	1982.39 14.42 -1802.34	1638.36 14.88 -1466.04	675.08 14.30 -505.74	628.36 13.84 -461.97	776.34 13.73 -609.94	510.69 11.24 -340.40
GOWANUS_GT1_6 24111	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.27 10.79 -552.86	685.76 9.33 -582.61	957.23 10.29 -842.42	747.19 8.76 -652.31	1002.46 12.87 -862.47	1384.19 14.24 -1217.08	420.59 13.71 -235.46	1982.39 14.42 -1802.34	1638.36 14.88 -1466.04	675.08 14.30 -505.74	628.36 13.84 -461.97	776.34 13.73 -609.94	510.69 11.24 -340.40
GOWANUS_GT1_7 24112	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.27 10.79 -552.86	685.76 9.33 -582.61	957.23 10.29 -842.42	747.19 8.76 -652.31	1002.46 12.87 -862.47	1384.19 14.24 -1217.08	420.59 13.71 -235.46	1982.39 14.42 -1802.34	1638.36 14.88 -1466.04	675.08 14.30 -505.74	628.36 13.84 -461.97	776.34 13.73 -609.94	510.69 11.24 -340.40
GOWANUS_GT1_8 24113	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.27 10.79 -552.86	685.76 9.33 -582.61	957.23 10.29 -842.42	747.19 8.76 -652.31	1002.46 12.87 -862.47	1384.19 14.24 -1217.08	420.59 13.71 -235.46	1982.39 14.42 -1802.34	1638.36 14.88 -1466.04	675.08 14.30 -505.74	628.36 13.84 -461.97	776.34 13.73 -609.94	510.69 11.24 -340.40
GOWANUS_GT2_1 24114	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
GOWANUS_GT2_2 24115	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
GOWANUS_GT2_3 24116	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40

GOWANUS_GT2_4 24117	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
GOWANUS_GT2_5 24118	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
GOWANUS_GT2_6 24119	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
GOWANUS_GT2_7 24120	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
GOWANUS_GT2_8 24121	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
GOWANUS_GT3_1 24122	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.26 10.77 -552.86	685.76 9.33 -582.61	957.26 10.32 -842.42	747.19 8.76 -652.31	1002.41 12.81 -862.47	1384.23 14.28 -1217.08	420.61 13.72 -235.46	1982.41 14.45 -1802.34	1638.32 14.84 -1466.04	675.08 14.29 -505.74	628.34 13.82 -461.97	776.35 13.74 -609.94	510.67 11.22 -340.40
GOWANUS_GT3_2 24123	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.26 10.77 -552.86	685.76 9.33 -582.61	957.26 10.32 -842.42	747.19 8.76 -652.31	1002.41 12.81 -862.47	1384.23 14.28 -1217.08	420.61 13.72 -235.46	1982.41 14.45 -1802.34	1638.32 14.84 -1466.04	675.08 14.29 -505.74	628.34 13.82 -461.97	776.35 13.74 -609.94	510.67 11.22 -340.40
GOWANUS_GT3_3 24124	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.26 10.77 -552.86	685.76 9.33 -582.61	957.26 10.32 -842.42	747.19 8.76 -652.31	1002.41 12.81 -862.47	1384.23 14.28 -1217.08	420.61 13.72 -235.46	1982.41 14.45 -1802.34	1638.32 14.84 -1466.04	675.08 14.29 -505.74	628.34 13.82 -461.97	776.35 13.74 -609.94	510.67 11.22 -340.40
GOWANUS_GT3_4 24125	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.26 10.77 -552.86	685.76 9.33 -582.61	957.26 10.32 -842.42	747.19 8.76 -652.31	1002.41 12.81 -862.47	1384.23 14.28 -1217.08	420.61 13.72 -235.46	1982.41 14.45 -1802.34	1638.32 14.84 -1466.04	675.08 14.29 -505.74	628.34 13.82 -461.97	776.35 13.74 -609.94	510.67 11.22 -340.40
GOWANUS_GT3_5 24126	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.26 10.77 -552.86	685.76 9.33 -582.61	957.26 10.32 -842.42	747.19 8.76 -652.31	1002.41 12.81 -862.47	1384.23 14.28 -1217.08	420.61 13.72 -235.46	1982.41 14.45 -1802.34	1638.32 14.84 -1466.04	675.08 14.29 -505.74	628.34 13.82 -461.97	776.35 13.74 -609.94	510.67 11.22 -340.40
GOWANUS_GT3_6 24127	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.26 10.77 -552.86	685.76 9.33 -582.61	957.26 10.32 -842.42	747.19 8.76 -652.31	1002.41 12.81 -862.47	1384.23 14.28 -1217.08	420.61 13.72 -235.46	1982.41 14.45 -1802.34	1638.32 14.84 -1466.04	675.08 14.29 -505.74	628.34 13.82 -461.97	776.35 13.74 -609.94	510.67 11.22 -340.40
GOWANUS_GT3_7 24128	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.26 10.77 -552.86	685.76 9.33 -582.61	957.26 10.32 -842.42	747.19 8.76 -652.31	1002.41 12.81 -862.47	1384.23 14.28 -1217.08	420.61 13.72 -235.46	1982.41 14.45 -1802.34	1638.32 14.84 -1466.04	675.08 14.29 -505.74	628.34 13.82 -461.97	776.35 13.74 -609.94	510.67 11.22 -340.40
GOWANUS_GT3_8 24129	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.26 10.77 -552.86	685.76 9.33 -582.61	957.26 10.32 -842.42	747.19 8.76 -652.31	1002.41 12.81 -862.47	1384.23 14.28 -1217.08	420.61 13.72 -235.46	1982.41 14.45 -1802.34	1638.32 14.84 -1466.04	675.08 14.29 -505.74	628.34 13.82 -461.97	776.35 13.74 -609.94	510.67 11.22 -340.40
GOWANUS_GT4_1 24130	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.29 10.80 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.47 12.88 -862.47	1384.25 14.30 -1217.08	553.73 13.75 -368.55	2008.79 14.51 -1828.67	1664.70 14.89 -1492.36	675.14 14.35 -505.74	628.38 13.86 -461.97	776.38 13.77 -609.94	510.70 11.25 -340.40
GOWANUS_GT4_2 24131	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.29 10.80 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.47 12.88 -862.47	1384.25 14.30 -1217.08	553.73 13.75 -368.55	2008.79 14.51 -1828.67	1664.70 14.89 -1492.36	675.14 14.35 -505.74	628.38 13.86 -461.97	776.38 13.77 -609.94	510.70 11.25 -340.40

GOWANUS_GT4_3 24132	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.29 10.80 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.47 12.88 -862.47	1384.25 14.30 -1217.08	553.73 13.75 -368.55	2008.79 14.51 -1828.67	1664.70 14.89 -1492.36	675.14 14.35 -505.74	628.38 13.86 -461.97	776.38 13.77 -609.94	510.70 11.25 -340.40
GOWANUS_GT4_4 24133	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.29 10.80 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.47 12.88 -862.47	1384.25 14.30 -1217.08	553.73 13.75 -368.55	2008.79 14.51 -1828.67	1664.70 14.89 -1492.36	675.14 14.35 -505.74	628.38 13.86 -461.97	776.38 13.77 -609.94	510.70 11.25 -340.40
GOWANUS_GT4_5 24134	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.29 10.80 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.47 12.88 -862.47	1384.25 14.30 -1217.08	553.73 13.75 -368.55	2008.79 14.51 -1828.67	1664.70 14.89 -1492.36	675.14 14.35 -505.74	628.38 13.86 -461.97	776.38 13.77 -609.94	510.70 11.25 -340.40
GOWANUS_GT4_6 24135	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.29 10.80 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.47 12.88 -862.47	1384.25 14.30 -1217.08	553.73 13.75 -368.55	2008.79 14.51 -1828.67	1664.70 14.89 -1492.36	675.14 14.35 -505.74	628.38 13.86 -461.97	776.38 13.77 -609.94	510.70 11.25 -340.40
GOWANUS_GT4_7 24136	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.29 10.80 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.47 12.88 -862.47	1384.25 14.30 -1217.08	553.73 13.75 -368.55	2008.79 14.51 -1828.67	1664.70 14.89 -1492.36	675.14 14.35 -505.74	628.38 13.86 -461.97	776.38 13.77 -609.94	510.70 11.25 -340.40
GOWANUS_GT4_8 24137	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.29 10.80 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.47 12.88 -862.47	1384.25 14.30 -1217.08	553.73 13.75 -368.55	2008.79 14.51 -1828.67	1664.70 14.89 -1492.36	675.14 14.35 -505.74	628.38 13.86 -461.97	776.38 13.77 -609.94	510.70 11.25 -340.40
GREENBSH_115KV_TB3 55895	112.55 4.04 0.00	87.85 2.61 0.00	81.82 2.41 0.00	105.67 3.14 0.00	80.07 2.46 0.00	115.84 3.40 0.00	142.31 4.21 0.00	161.25 3.26 0.00	175.36 3.28 0.00	169.49 5.20 0.00	198.03 7.12 -0.28	195.21 4.64 -77.95	177.50 3.97 -79.71	179.77 4.47 -70.78	178.10 3.40 -88.58	138.61 4.68 -6.80	156.96 4.09 0.00	175.09 3.66 0.00	169.16 3.55 0.00	161.27 3.82 0.00	158.73 3.68 0.00	156.96 4.41 0.00	157.93 5.27 0.00	163.33 4.28 0.00
GREENDGE_115KV_TB5 80291	108.20 -0.32 0.00	84.92 -0.32 0.00	78.93 -0.48 0.00	101.27 -1.26 0.00	76.06 -1.55 0.00	110.13 -2.30 0.00	137.36 -3.25 -2.51	163.87 -4.41 -10.29	165.34 -4.14 2.61	162.84 -3.26 -1.82	195.37 -4.62 -9.35	25.50 -3.26 83.86	111.16 -3.88 -21.21	84.55 -4.39 15.58	82.94 -3.60 -0.43	133.54 -5.07 -11.48	148.15 -4.73 0.00	166.76 -4.66 0.00	174.19 -4.71 -13.28	175.15 -4.72 -22.42	180.77 -5.22 -30.95	156.70 -6.43 -10.57	148.17 -6.70 -2.20	153.01 -6.04 0.00
GREENIDGE___3 23582	108.20 -0.32 0.00	84.92 -0.32 0.00	78.93 -0.48 0.00	101.27 -1.26 0.00	76.06 -1.55 0.00	110.13 -2.30 0.00	137.36 -3.25 -2.51	163.87 -4.41 -10.29	165.34 -4.14 2.61	162.84 -3.26 -1.82	195.37 -4.62 -9.35	25.50 -3.26 83.86	111.16 -3.88 -21.21	84.55 -4.39 15.58	82.94 -3.60 -0.43	133.54 -5.07 -11.48	148.15 -4.73 0.00	166.76 -4.66 0.00	174.19 -4.71 -13.28	175.15 -4.72 -22.42	180.77 -5.22 -30.95	156.70 -6.43 -10.57	148.17 -6.70 -2.20	153.01 -6.04 0.00
GREENIDGE___4 23583	108.18 -0.34 0.00	84.92 -0.32 0.00	78.93 -0.48 0.00	101.26 -1.27 0.00	76.06 -1.55 0.00	110.12 -2.31 0.00	137.36 -3.25 -2.51	163.86 -4.42 -10.29	165.36 -4.12 2.61	162.88 -3.22 -1.82	195.35 -4.63 -9.35	25.36 -3.40 83.86	111.16 -3.87 -21.21	84.65 -4.29 15.58	82.93 -3.61 -0.43	133.57 -5.05 -11.48	148.07 -4.80 0.00	166.74 -4.69 0.00	174.18 -4.72 -13.28	175.15 -4.72 -22.42	180.77 -5.23 -30.95	156.72 -6.40 -10.57	148.16 -6.72 -2.20	152.97 -6.08 0.00
GREENLWN_69_KV_BK 3 55738	114.57 9.84 3.79	88.56 6.70 3.38	92.19 6.32 -6.46	116.53 8.45 -5.55	89.26 6.76 -4.89	125.50 9.58 -3.48	149.53 11.65 0.23	163.02 8.58 3.54	160.75 8.08 19.42	161.98 10.33 12.63	192.23 13.20 11.60	175.04 9.52 -52.89	161.05 9.15 -58.09	162.92 9.90 -48.50	159.84 8.65 -65.08	159.41 12.80 -19.48	160.84 13.95 5.98	173.26 13.04 11.21	168.21 12.48 9.89	163.91 13.35 6.89	162.86 13.35 5.54	160.15 12.97 5.37	155.62 13.46 10.50	158.13 9.82 10.73
GREENWD_138_KV_38B11_REV_LBMP_J 345004	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.29 10.80 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.47 12.88 -862.47	1384.25 14.30 -1217.08	420.64 13.75 -235.46	1982.47 14.51 -1802.34	1638.38 14.89 -1466.04	675.14 14.35 -505.74	628.38 13.86 -461.97	776.38 13.77 -609.94	510.70 11.25 -340.40
GRISSOM___SOLAR 323813	115.39 6.87 0.00	90.53 5.29 0.00	84.31 4.90 0.00	108.77 6.24 0.00	82.41 4.80 0.00	119.64 7.21 0.00	147.55 9.44 0.00	169.19 11.20 0.00	184.02 11.93 0.00	175.53 11.24 0.00	203.69 12.74 -0.32	206.24 7.27 -86.35	187.60 5.47 -88.31	189.06 6.13 -78.41	189.64 5.38 -98.14	143.18 8.51 -7.54	164.43 11.55 0.00	184.89 13.46 0.00	178.61 12.99 0.00	169.58 12.13 0.00	166.55 11.50 0.00	163.41 10.86 0.00	162.98 10.32 0.00	169.16 10.11 0.00
GROVEVILLE___HYD 323602	116.88 8.36 0.00	90.92 5.68 0.00	84.53 5.12 0.00	109.29 6.76 0.00	82.92 5.31 0.00	120.03 7.60 0.00	147.72 9.61 0.00	167.44 9.45 0.00	182.04 9.95 0.00	175.99 11.70 0.00	205.61 14.74 -0.23	186.42 9.65 -64.14	167.75 8.34 -65.59	172.04 9.27 -58.24	166.89 7.88 -72.90	144.23 11.50 -5.60	165.75 12.88 0.00	184.66 13.23 0.00	178.85 13.23 0.00	170.93 13.48 0.00	168.00 12.95 0.00	164.97 12.42 0.00	164.82 12.16 0.00	169.24 10.19 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	107.81 -0.71 0.00	84.76 -0.48 0.00	78.86 -0.54 0.00	101.46 -1.07 0.00	76.85 -0.76 0.00	111.34 -1.10 0.00	136.85 -1.26 0.00	156.41 -1.58 0.00	170.62 -1.47 0.00	163.29 -0.99 0.00	189.37 -1.29 -0.02	118.31 -0.80 -6.48	99.52 -0.93 -6.63	109.41 -1.00 -5.89	92.92 -0.56 -7.37	126.93 -0.77 -0.57	152.01 -0.87 0.00	170.51 -0.93 0.00	164.71 -0.91 0.00	156.61 -0.84 0.00	153.74 -1.31 0.00	150.87 -1.68 0.00	150.69 -1.97 0.00	157.05 -2.00 0.00

HAMLTNNY_34_KV_TB 80303	107.92 -0.60 0.00	84.87 -0.38 0.00	78.95 -0.46 0.00	101.52 -1.01 0.00	76.89 -0.72 0.00	111.44 -1.00 0.00	136.92 -1.19 0.00	156.57 -1.42 0.00	170.87 -1.22 0.00	163.51 -0.78 0.00	189.43 -1.22 -0.03	118.86 -0.67 -6.91	100.00 -0.88 -7.06	109.81 -0.98 -6.27	93.44 -0.52 -7.85	127.05 -0.69 -0.60	151.94 -0.93 0.00	170.56 -0.87 0.00	164.88 -0.73 0.00	156.76 -0.69 0.00	153.79 -1.26 0.00	150.89 -1.66 0.00	150.66 -2.01 0.00	157.05 -2.00 0.00
HAMPSHIRE___PAPER_HYD 323593	110.14 1.62 0.00	86.51 1.27 0.00	80.65 1.24 0.00	104.35 1.82 0.00	78.37 0.76 0.00	113.48 1.04 0.00	138.98 0.88 0.00	160.60 2.62 0.00	175.39 3.30 0.00	164.22 -0.07 0.00	190.16 -0.48 -0.01	112.83 -1.42 -1.63	94.96 -0.52 -1.67	105.20 -0.80 -1.48	87.23 -0.74 -1.85	126.40 -0.87 -0.14	153.90 1.03 0.00	174.22 2.79 0.00	167.50 1.88 0.00	156.42 -1.03 0.00	153.36 -1.69 0.00	151.99 -0.56 0.00	153.44 0.77 0.00	162.54 3.49 0.00
HARDSCRABBLE_WT_PWR 323673	111.75 3.23 0.00	87.09 1.85 0.00	81.05 1.64 0.00	104.82 2.29 0.00	79.37 1.76 0.00	115.19 2.75 0.00	141.99 3.89 0.00	161.70 3.72 0.00	175.69 3.60 0.00	169.92 5.63 0.00	199.18 8.55 0.00	117.74 5.11 0.00	97.84 4.02 0.00	109.08 4.55 0.00	89.83 3.71 0.00	132.64 5.51 0.00	158.37 5.50 0.00	177.46 6.03 0.00	171.61 5.99 0.00	162.99 5.54 0.00	159.93 4.89 0.00	156.99 4.44 0.00	157.22 4.55 0.00	161.76 2.71 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	115.78 7.26 0.00	90.08 4.84 0.00	83.78 4.36 0.00	108.33 5.80 0.00	82.21 4.60 0.00	118.94 6.51 0.00	146.36 8.26 0.00	165.86 7.87 0.00	180.11 8.02 0.00	174.14 9.85 0.00	203.19 12.34 -0.22	180.85 8.39 -59.84	162.27 7.26 -61.19	166.95 8.10 -54.34	161.06 6.94 -68.01	124.65 10.14 12.62	162.32 11.27 1.83	182.62 11.18 0.00	176.79 11.17 0.00	169.14 11.69 0.00	166.27 11.23 0.00	163.21 10.66 0.00	163.17 10.50 0.00	167.48 8.43 0.00
HARSNRAD_115KV_TB1 81005	99.61 -8.90 0.00	78.37 -6.87 0.00	72.41 -7.00 0.00	92.53 -10.00 0.00	70.11 -7.50 0.00	101.44 -10.99 0.00	118.14 -14.97 5.00	127.02 -17.57 13.39	153.68 -17.43 0.98	145.92 -16.94 1.42	156.47 -21.55 12.61	64.47 -12.43 35.72	75.28 -11.13 7.42	66.56 -12.34 25.62	66.59 -10.25 9.27	101.47 -15.28 10.37	134.48 -18.39 0.00	150.28 -21.12 0.04	132.36 -20.20 13.06	105.77 -19.82 31.86	101.30 -20.39 33.35	94.38 -21.06 37.11	106.26 -20.64 25.76	141.71 -17.34 0.00
HARZA MOOSE___RIVER 24016	112.02 3.50 0.00	87.96 2.72 0.00	81.99 2.58 0.00	105.74 3.21 0.00	79.94 2.33 0.00	116.26 3.83 0.00	143.47 5.37 0.00	164.82 6.83 0.00	179.77 7.68 0.00	170.76 6.48 0.00	197.87 7.23 -0.01	118.23 3.55 -2.06	98.56 2.64 -2.10	109.29 2.91 -1.87	91.18 2.72 -2.34	131.67 4.36 -0.18	159.34 6.46 0.00	179.41 7.98 0.00	172.50 6.88 0.00	161.10 3.64 0.00	157.02 1.97 0.00	155.02 2.47 0.00	155.83 3.16 0.00	163.89 4.84 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	106.98 -1.54 0.00	84.09 -1.15 0.00	78.25 -1.16 0.00	100.64 -1.89 0.00	76.23 -1.38 0.00	110.43 -2.01 0.00	135.66 -2.44 0.00	155.01 -2.98 0.00	169.16 -2.93 0.00	161.87 -2.42 0.00	187.83 -2.83 -0.02	116.79 -1.69 -5.86	98.13 -1.69 -5.99	108.00 -1.84 -5.32	91.50 -1.28 -6.66	125.82 -1.81 -0.51	150.75 -2.13 0.00	168.87 -2.56 0.00	163.22 -2.40 0.00	155.12 -2.33 0.00	152.38 -2.67 0.00	149.52 -3.04 0.00	149.43 -3.23 0.00	155.75 -3.30 0.00
HELLGATE_13_KV_LD 55870	116.92 8.41 0.00	90.91 5.66 0.00	84.53 5.12 0.00	109.41 6.88 0.00	83.11 5.50 0.00	120.20 7.76 0.00	148.01 9.90 0.00	167.59 9.61 0.00	181.65 9.56 0.00	176.17 11.88 0.00	205.57 14.71 -0.23	187.11 10.04 -64.45	167.84 8.86 -65.16	172.12 9.74 -57.86	166.88 8.35 -72.42	163.35 12.29 -23.93	168.25 13.60 -1.77	184.36 12.94 0.00	181.38 13.24 -2.52	173.64 13.80 -2.39	169.91 13.20 -1.66	165.28 12.72 -0.01	165.32 12.65 -0.01	169.06 10.01 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	116.92 8.41 0.00	90.91 5.66 0.00	84.53 5.12 0.00	109.41 6.88 0.00	83.11 5.50 0.00	120.20 7.76 0.00	148.01 9.90 0.00	167.59 9.61 0.00	181.65 9.56 0.00	176.17 11.88 0.00	205.57 14.71 -0.23	187.11 10.04 -64.45	167.84 8.86 -65.16	172.12 9.74 -57.86	166.88 8.35 -72.42	163.35 12.29 -23.93	168.25 13.60 -1.77	184.36 12.94 0.00	181.38 13.24 -2.52	173.64 13.80 -2.39	169.91 13.20 -1.66	165.28 12.72 -0.01	165.32 12.65 -0.01	169.06 10.01 0.00
HEMPSTEAD____ 23647	130.24 9.91 -11.81	110.73 6.81 -18.67	113.29 6.30 -27.59	135.16 8.38 -24.25	105.14 6.62 -20.91	136.73 9.40 -14.90	156.57 11.57 -6.89	171.82 10.09 -3.75	181.80 9.65 -0.06	194.45 12.54 -17.62	238.82 15.69 -32.49	218.22 10.76 -94.83	203.55 9.70 -100.03	213.41 10.67 -98.21	203.98 9.14 -108.72	201.20 13.65 -60.42	198.55 15.15 -30.53	216.63 14.64 -30.57	206.68 14.09 -26.98	201.78 15.06 -29.26	212.46 14.52 -42.90	203.82 14.13 -37.15	195.60 14.07 -28.86	199.36 11.05 -29.26
HEWLETT_69_KV_BK3 55828	176.62 10.97 -57.13	175.68 7.73 -82.71	175.52 7.16 -88.95	190.54 9.45 -78.56	152.43 7.39 -67.43	171.02 10.53 -48.06	178.93 13.25 -27.58	192.87 12.05 -22.84	229.60 12.23 -45.27	295.07 14.32 -116.46	395.37 17.63 -187.11	366.41 11.86 -241.92	351.58 10.63 -247.13	388.42 11.33 -272.57	357.75 9.83 -261.80	345.57 14.45 -204.00	327.74 16.30 -158.56	364.61 16.10 -177.08	337.47 15.55 -156.30	329.81 16.31 -156.04	383.62 15.81 -212.76	354.01 15.18 -186.27	334.72 15.14 -166.91	340.95 12.37 -169.53
HICKLING___1 23621	108.37 -0.15 0.00	84.92 -0.32 0.00	78.59 -0.82 0.00	100.82 -1.71 0.00	75.82 -1.79 0.00	109.65 -2.79 0.00	133.01 -4.27 0.83	152.97 -5.45 -0.43	164.51 -5.17 2.41	160.13 -4.72 -0.56	184.78 -5.98 -0.12	30.25 -4.15 78.22	102.24 -3.84 -12.26	74.89 -4.11 25.52	78.33 -3.05 4.74	125.84 -4.02 -2.73	148.75 -4.13 0.00	166.94 -4.48 0.00	164.79 -4.93 -4.10	151.52 -4.61 1.32	154.89 -4.57 -4.41	134.42 -5.60 12.53	134.60 -5.65 12.41	153.90 -5.15 0.00
HICKLING___2 23622	108.37 -0.15 0.00	84.92 -0.32 0.00	78.59 -0.82 0.00	100.82 -1.71 0.00	75.82 -1.79 0.00	109.65 -2.79 0.00	133.01 -4.27 0.83	152.97 -5.45 -0.43	164.51 -5.17 2.41	160.13 -4.72 -0.56	184.78 -5.98 -0.12	30.25 -4.15 78.22	102.24 -3.84 -12.26	74.89 -4.11 25.52	78.33 -3.05 4.74	125.84 -4.02 -2.73	148.75 -4.13 0.00	166.94 -4.48 0.00	164.79 -4.93 -4.10	151.52 -4.61 1.32	154.89 -4.57 -4.41	134.42 -5.60 12.53	134.60 -5.65 12.41	153.90 -5.15 0.00
HIGH FALLS___HY 23754	116.89 8.38 0.00	90.93 5.68 0.00	84.55 5.14 0.00	109.36 6.82 0.00	82.96 5.35 0.00	120.18 7.74 0.00	148.02 9.91 0.00	167.94 9.95 0.00	182.57 10.48 0.00	176.36 12.08 0.00	205.84 14.98 -0.23	186.20 9.81 -63.77	167.43 8.39 -65.21	171.74 9.31 -57.91	166.59 8.00 -72.48	144.50 11.80 -5.57	166.36 13.49 0.00	185.35 13.92 0.00	179.69 14.07 0.00	171.87 14.42 0.00	168.81 13.76 0.00	165.55 13.00 0.00	165.23 12.56 0.00	169.56 10.51 0.00
HIGH_RIVER___SOLAR 323847	113.61 5.10 0.00	88.95 3.70 0.00	82.87 3.46 0.00	106.97 4.44 0.00	81.01 3.40 0.00	117.43 4.99 0.00	144.59 6.48 0.00	165.13 7.15 0.00	179.75 7.66 0.00	171.94 7.65 0.00	200.04 9.10 -0.30	201.58 5.43 -83.53	183.49 4.25 -85.42	185.12 4.75 -75.85	185.21 4.17 -94.93	140.86 6.44 -7.29	161.02 8.14 0.00	180.51 9.08 0.00	174.46 8.84 0.00	165.91 8.46 0.00	163.09 8.04 0.00	160.19 7.64 0.00	159.98 7.32 0.00	165.92 6.87 0.00

HILLBURN___GT 23639	115.56 7.04 0.00	89.86 4.62 0.00	83.54 4.13 0.00	108.09 5.55 0.00	82.05 4.44 0.00	118.66 6.23 0.00	146.05 7.94 0.00	165.35 7.37 0.00	179.44 7.35 0.00	173.58 9.30 0.00	202.38 11.53 -0.22	181.28 8.04 -60.62	162.85 7.04 -61.99	167.41 7.84 -55.04	161.74 6.72 -68.89	121.64 9.80 15.28	161.57 10.80 2.11	181.82 10.38 0.00	176.04 10.43 0.00	168.59 11.14 0.00	165.74 10.69 0.00	162.73 10.18 0.00	162.73 10.07 0.00	166.90 7.85 0.00
HILLSIDE_115KV_TB1 80332	107.18 -1.34 0.00	84.02 -1.22 0.00	77.83 -1.58 0.00	100.13 -2.40 0.00	75.44 -2.17 0.00	109.15 -3.28 0.00	132.50 -4.75 0.86	152.15 -6.02 -0.18	163.69 -6.15 2.26	159.27 -5.51 -0.49	184.12 -6.41 0.10	36.16 -4.68 71.78	102.64 -3.92 -12.74	77.01 -4.40 23.11	79.73 -3.27 3.12	125.18 -4.40 -2.45	147.71 -5.17 0.00	165.60 -5.83 0.00	163.16 -6.08 -3.62	150.09 -5.42 1.94	153.04 -5.43 -3.42	134.16 -6.16 12.23	134.68 -6.03 11.95	153.06 -6.00 0.00
HISHELDN_WT_PWR 323625	103.13 -5.39 0.00	80.74 -4.50 0.00	74.40 -5.01 0.00	94.91 -7.62 0.00	71.29 -6.32 0.00	102.92 -9.51 0.00	114.28 -12.98 10.84	112.66 -15.27 30.06	156.42 -14.54 1.13	146.43 -14.42 3.44	143.70 -18.68 28.24	51.29 -10.96 50.37	55.16 -10.27 28.39	40.54 -11.17 52.81	50.44 -9.08 26.59	89.12 -12.87 25.14	138.15 -14.73 0.00	154.77 -16.66 0.00	124.24 -16.19 25.19	70.87 -15.73 70.85	62.58 -16.12 76.36	54.61 -17.12 80.82	81.53 -16.84 54.29	144.74 -14.31 0.00
HOLTSVILLE_IC_1 23690	114.33 10.39 4.57	87.87 7.11 4.48	91.56 6.75 -5.40	116.12 8.98 -4.61	88.91 7.21 -4.09	125.63 10.29 -2.91	150.21 12.69 0.59	163.99 9.92 3.91	160.66 8.99 20.42	162.14 12.02 14.17	192.15 15.34 13.83	174.25 10.86 -50.77	159.93 10.15 -55.96	161.63 11.13 -45.98	158.53 9.55 -62.86	159.07 14.53 -17.41	161.29 16.24 7.83	173.80 15.70 13.33	168.51 14.65 11.76	164.39 15.66 8.72	162.37 15.32 7.99	160.02 14.99 7.53	155.27 15.10 12.49	157.83 11.53 12.76
HOLTSVILLE_IC_10 23699	115.28 11.02 4.26	88.81 7.61 4.04	92.42 7.19 -5.82	117.08 9.56 -4.99	89.67 7.65 -4.41	126.55 10.97 -3.14	151.22 13.55 0.44	165.06 10.84 3.77	162.07 10.03 20.05	163.75 13.02 13.56	194.33 16.63 12.93	175.81 11.57 -51.62	161.44 10.80 -56.82	163.42 11.90 -47.00	160.02 10.15 -63.75	160.83 15.46 -18.24	163.15 17.36 7.08	175.93 16.98 12.48	170.54 15.93 11.01	166.30 16.83 7.98	164.51 16.46 7.00	161.96 16.07 6.66	157.13 16.16 11.69	159.70 12.60 11.94
HOLTSVILLE_IC_2 23691	114.33 10.39 4.57	87.87 7.11 4.48	91.56 6.75 -5.40	116.12 8.98 -4.61	88.91 7.21 -4.09	125.63 10.29 -2.91	150.21 12.69 0.59	163.99 9.92 3.91	160.66 8.99 20.42	162.14 12.02 14.17	192.15 15.34 13.83	174.25 10.86 -50.77	159.93 10.15 -55.96	161.63 11.13 -45.98	158.53 9.55 -62.86	159.07 14.53 -17.41	161.29 16.24 7.83	173.80 15.70 13.33	168.51 14.65 11.76	164.39 15.66 8.72	162.37 15.32 7.99	160.02 14.99 7.53	155.27 15.10 12.49	157.83 11.53 12.76
HOLTSVILLE_IC_3 23692	114.33 10.39 4.57	87.87 7.11 4.48	91.56 6.75 -5.40	116.12 8.98 -4.61	88.91 7.21 -4.09	125.63 10.29 -2.91	150.21 12.69 0.59	163.99 9.92 3.91	160.66 8.99 20.42	162.14 12.02 14.17	192.15 15.34 13.83	174.25 10.86 -50.77	159.93 10.15 -55.96	161.63 11.13 -45.98	158.53 9.55 -62.86	159.07 14.53 -17.41	161.29 16.24 7.83	173.80 15.70 13.33	168.51 14.65 11.76	164.39 15.66 8.72	162.37 15.32 7.99	160.02 14.99 7.53	155.27 15.10 12.49	157.83 11.53 12.76
HOLTSVILLE_IC_4 23693	114.33 10.39 4.57	87.87 7.11 4.48	91.56 6.75 -5.40	116.12 8.98 -4.61	88.91 7.21 -4.09	125.63 10.29 -2.91	150.21 12.69 0.59	163.99 9.92 3.91	160.66 8.99 20.42	162.14 12.02 14.17	192.15 15.34 13.83	174.25 10.86 -50.77	159.93 10.15 -55.96	161.63 11.13 -45.98	158.53 9.55 -62.86	159.07 14.53 -17.41	161.29 16.24 7.83	173.80 15.70 13.33	168.51 14.65 11.76	164.39 15.66 8.72	162.37 15.32 7.99	160.02 14.99 7.53	155.27 15.10 12.49	157.83 11.53 12.76
HOLTSVILLE_IC_5 23694	114.33 10.39 4.57	87.87 7.11 4.48	91.56 6.75 -5.40	116.12 8.98 -4.61	88.91 7.21 -4.09	125.63 10.29 -2.91	150.21 12.69 0.59	163.99 9.92 3.91	160.66 8.99 20.42	162.14 12.02 14.17	192.15 15.34 13.83	174.25 10.86 -50.77	159.93 10.15 -55.96	161.63 11.13 -45.98	158.53 9.55 -62.86	159.07 14.53 -17.41	161.29 16.24 7.83	173.80 15.70 13.33	168.51 14.65 11.76	164.39 15.66 8.72	162.37 15.32 7.99	160.02 14.99 7.53	155.27 15.10 12.49	157.83 11.53 12.76
HOLTSVILLE_IC_6 23695	115.28 11.02 4.26	88.81 7.61 4.04	92.42 7.19 -5.82	117.08 9.56 -4.99	89.67 7.65 -4.41	126.55 10.97 -3.14	151.22 13.55 0.44	165.06 10.84 3.77	162.07 10.03 20.05	163.75 13.02 13.56	194.33 16.63 12.93	175.81 11.57 -51.62	161.44 10.80 -56.82	163.42 11.90 -47.00	160.02 10.15 -63.75	160.83 15.46 -18.24	163.15 17.36 7.08	175.93 16.98 12.48	170.54 15.93 11.01	166.30 16.83 7.98	164.51 16.46 7.00	161.96 16.07 6.66	157.13 16.16 11.69	159.70 12.60 11.94
HOLTSVILLE_IC_7 23696	115.28 11.02 4.26	88.81 7.61 4.04	92.42 7.19 -5.82	117.08 9.56 -4.99	89.67 7.65 -4.41	126.55 10.97 -3.14	151.22 13.55 0.44	165.06 10.84 3.77	162.07 10.03 20.05	163.75 13.02 13.56	194.33 16.63 12.93	175.81 11.57 -51.62	161.44 10.80 -56.82	163.42 11.90 -47.00	160.02 10.15 -63.75	160.83 15.46 -18.24	163.15 17.36 7.08	175.93 16.98 12.48	170.54 15.93 11.01	166.30 16.83 7.98	164.51 16.46 7.00	161.96 16.07 6.66	157.13 16.16 11.69	159.70 12.60 11.94
HOLTSVILLE_IC_8 23697	115.28 11.02 4.26	88.81 7.61 4.04	92.42 7.19 -5.82	117.08 9.56 -4.99	89.67 7.65 -4.41	126.55 10.97 -3.14	151.22 13.55 0.44	165.06 10.84 3.77	162.07 10.03 20.05	163.75 13.02 13.56	194.33 16.63 12.93	175.81 11.57 -51.62	161.44 10.80 -56.82	163.42 11.90 -47.00	160.02 10.15 -63.75	160.83 15.46 -18.24	163.15 17.36 7.08	175.93 16.98 12.48	170.54 15.93 11.01	166.30 16.83 7.98	164.51 16.46 7.00	161.96 16.07 6.66	157.13 16.16 11.69	159.70 12.60 11.94
HOLTSVILLE_IC_9 23698	115.28 11.02 4.26	88.81 7.61 4.04	92.42 7.19 -5.82	117.08 9.56 -4.99	89.67 7.65 -4.41	126.55 10.97 -3.14	151.22 13.55 0.44	165.06 10.84 3.77	162.07 10.03 20.05	163.75 13.02 13.56	194.33 16.63 12.93	175.81 11.57 -51.62	161.44 10.80 -56.82	163.42 11.90 -47.00	160.02 10.15 -63.75	160.83 15.46 -18.24	163.15 17.36 7.08	175.93 16.98 12.48	170.54 15.93 11.01	166.30 16.83 7.98	164.51 16.46 7.00	161.96 16.07 6.66	157.13 16.16 11.69	159.70 12.60 11.94
HOMER_HL_115KV_TB2 355744	105.97 -2.55 0.00	83.05 -2.19 0.00	76.74 -2.67 0.00	98.43 -4.10 0.00	73.79 -3.82 0.00	106.70 -5.74 0.00	128.03 -8.07 2.01	144.34 -9.23 4.41	161.41 -9.50 1.18	155.08 -8.91 0.29	175.81 -10.55 4.27	69.41 -6.41 36.81	91.84 -6.90 -4.92	84.23 -6.82 13.47	79.87 -5.95 0.30	117.00 -7.94 2.18	143.73 -9.14 0.00	159.99 -11.44 0.00	152.40 -11.06 2.15	137.11 -9.89 10.45	135.94 -9.84 9.27	124.70 -10.28 17.56	130.27 -8.94 13.46	151.16 -7.89 0.00
HOWARD_WT_PWR 323690	108.25 -0.27 0.00	84.57 -0.67 0.00	77.83 -1.59 0.00	98.85 -3.68 0.00	72.93 -4.69 0.00	104.22 -8.21 0.00	134.87 -11.74 -8.51	171.11 -14.29 -27.41	154.64 -15.07 2.38	153.60 -14.55 -3.86	197.64 -18.36 -25.38	38.48 -10.07 64.08	127.66 -10.09 -43.93	109.26 -9.68 -14.42	98.09 -8.11 -20.09	143.31 -10.43 -26.61	143.31 -9.57 0.00	161.55 -9.88 0.00	183.38 -10.47 -28.23	208.31 -11.60 -62.46	218.23 -11.84 -75.02	192.76 -14.13 -54.34	169.25 -14.35 -30.93	147.34 -11.71 0.00

HQ_GEN_CEDARS 23644	108.71 0.19 0.00	85.38 0.14 0.00	79.64 0.23 0.00	103.53 1.00 0.00	77.57 -0.04 0.00	112.15 -0.28 0.00	137.46 -0.64 0.00	159.36 1.37 0.00	174.22 2.13 0.00	161.59 -2.70 0.00	186.35 -4.28 0.00	108.81 -3.82 0.00	92.79 -1.03 0.00	103.11 -1.41 0.00	84.74 -1.37 0.00	125.19 -1.94 0.00	152.10 -0.78 0.00	171.95 0.52 0.00	165.71 0.09 0.00	156.88 -0.58 0.00	155.10 0.06 0.00	153.02 0.47 0.00	153.32 0.65 0.00	161.57 2.52 0.00
HQ_GEN_CEDARS_PROXY 323590	108.71 0.19 0.00	85.38 0.14 0.00	79.64 0.23 0.00	103.53 1.00 0.00	77.57 -0.04 0.00	112.15 -0.28 0.00	137.47 -0.64 0.00	159.36 1.37 0.00	174.21 2.13 0.00	152.39 -2.70 9.19	186.36 -4.28 0.00	107.15 -3.79 1.68	92.79 -1.03 0.00	103.11 -1.41 0.00	84.74 -1.37 0.00	124.23 -1.95 0.95	152.10 -0.77 0.00	171.96 0.53 0.00	165.72 0.10 0.00	156.88 -0.57 0.00	155.10 0.06 0.00	153.02 0.47 0.00	153.32 0.66 0.00	161.57 2.51 0.00
HQ_GEN_IMPORT 323601	106.99 -1.53 0.00	84.45 -0.79 0.00	78.75 -0.66 0.00	101.94 -0.59 0.00	77.06 -0.56 0.00	111.75 -0.68 0.00	137.10 -1.01 0.00	158.21 0.15 -0.08	177.91 0.19 -5.63	148.43 -1.68 14.18	188.72 -2.83 -0.91	107.65 -2.21 2.76	92.20 -1.63 0.00	102.63 -1.90 0.00	84.30 -1.82 0.00	124.57 -2.56 0.00	150.73 -2.14 0.00	170.01 -1.42 0.00	164.09 -1.53 0.00	155.65 -1.80 0.00	153.76 -1.29 0.00	151.58 -0.97 0.00	151.64 -1.03 0.00	159.14 0.09 0.00
HQ_GEN_WHEEL 23651	106.99 -1.53 0.00	84.45 -0.79 0.00	78.75 -0.66 0.00	101.94 -0.59 0.00	77.06 -0.56 0.00	111.75 -0.68 0.00	137.10 -1.01 0.00	158.21 0.15 -0.08	177.91 0.19 -5.63	148.43 -1.68 14.18	188.72 -2.83 -0.91	107.65 -2.21 2.76	92.20 -1.63 0.00	102.63 -1.90 0.00	84.30 -1.82 0.00	124.57 -2.56 0.00	150.73 -2.14 0.00	170.01 -1.42 0.00	164.09 -1.53 0.00	155.65 -1.80 0.00	153.76 -1.29 0.00	151.58 -0.97 0.00	151.64 -1.03 0.00	159.14 0.09 0.00
HUDSON AVE_GT_3 23810	116.84 8.32 0.00	90.73 5.49 0.00	84.36 4.94 0.00	109.23 6.70 0.00	82.98 5.37 0.00	119.98 7.55 0.00	147.79 9.68 0.00	167.33 9.34 0.00	181.44 9.35 0.00	176.01 11.72 0.00	205.29 14.42 -0.23	186.11 9.78 -63.71	167.62 8.64 -65.15	171.88 9.51 -57.85	166.66 8.14 -72.41	161.94 12.01 -22.80	167.91 13.27 -1.77	184.21 12.78 0.00	178.51 12.89 0.00	170.93 13.48 0.00	167.90 12.85 0.00	164.93 12.38 0.00	165.00 12.34 0.00	168.73 9.68 0.00
HUDSON AVE_GT_4 23540	116.84 8.32 0.00	90.73 5.49 0.00	84.36 4.94 0.00	109.23 6.70 0.00	82.98 5.37 0.00	119.98 7.55 0.00	147.79 9.68 0.00	167.33 9.34 0.00	181.44 9.35 0.00	176.01 11.72 0.00	205.29 14.42 -0.23	186.11 9.78 -63.71	167.62 8.64 -65.15	171.88 9.51 -57.85	166.66 8.14 -72.41	161.94 12.01 -22.80	167.91 13.27 -1.77	184.21 12.78 0.00	178.51 12.89 0.00	170.93 13.48 0.00	167.90 12.85 0.00	164.93 12.38 0.00	165.00 12.34 0.00	168.73 9.68 0.00
HUDSON AVE_GT_5 23657	116.84 8.32 0.00	90.73 5.49 0.00	84.36 4.94 0.00	109.23 6.70 0.00	82.98 5.37 0.00	119.98 7.55 0.00	147.79 9.68 0.00	167.33 9.34 0.00	181.44 9.35 0.00	176.01 11.72 0.00	205.29 14.42 -0.23	186.11 9.78 -63.71	167.62 8.64 -65.15	171.88 9.51 -57.85	166.66 8.14 -72.41	161.94 12.01 -22.80	167.91 13.27 -1.77	184.21 12.78 0.00	178.51 12.89 0.00	170.93 13.48 0.00	167.90 12.85 0.00	164.93 12.38 0.00	165.00 12.34 0.00	168.73 9.68 0.00
HUDSON_AVE_10 24168	116.54 8.02 0.00	90.42 5.18 0.00	84.04 4.63 0.00	108.87 6.34 0.00	82.70 5.09 0.00	119.62 7.19 0.00	147.38 9.27 0.00	166.87 8.88 0.00	180.88 8.79 0.00	175.44 11.16 0.00	204.43 13.56 -0.23	185.65 9.31 -63.71	167.21 8.23 -65.15	171.46 9.08 -57.85	166.30 7.77 -72.41	161.50 11.57 -22.80	167.32 12.68 -1.77	183.51 12.08 0.00	177.94 12.33 0.00	170.34 12.89 0.00	167.21 12.16 0.00	164.37 11.82 0.00	164.51 11.85 0.00	168.14 9.09 0.00
HUDSON___115KV_TB 4 355613	115.07 6.55 0.00	89.90 4.65 0.00	83.72 4.31 0.00	108.11 5.58 0.00	81.94 4.33 0.00	118.65 6.22 0.00	145.83 7.73 0.00	165.92 7.93 0.00	181.19 9.10 0.00	174.80 10.51 0.00	203.86 12.95 -0.28	196.19 7.74 -75.82	177.78 6.43 -77.53	180.63 7.26 -68.85	178.09 5.81 -86.17	141.96 8.22 -6.62	161.33 8.46 0.00	180.36 8.92 0.00	174.33 8.71 0.00	166.03 8.58 0.00	163.40 8.35 0.00	161.16 8.61 0.00	161.72 9.05 0.00	167.25 8.19 0.00
HUNTER MOUNT___DRP 323613	115.58 7.07 0.00	90.31 5.06 0.00	84.09 4.68 0.00	108.61 6.08 0.00	82.27 4.66 0.00	119.27 6.83 0.00	146.69 8.58 0.00	167.18 9.19 0.00	182.78 10.69 0.00	176.24 11.95 0.00	205.52 14.62 -0.27	195.28 8.60 -74.06	176.59 7.03 -75.74	179.77 8.00 -67.25	176.67 6.38 -84.17	142.82 9.23 -6.47	162.74 9.86 0.00	182.11 10.68 0.00	175.93 10.31 0.00	167.42 9.97 0.00	164.69 9.64 0.00	162.34 9.79 0.00	162.84 10.18 0.00	168.48 9.43 0.00
HUNTINGTON_RES_REC 323705	114.62 10.36 4.26	88.28 7.08 4.04	91.93 6.70 -5.82	116.46 8.93 -4.99	89.18 7.15 -4.41	125.82 10.25 -3.14	150.22 12.55 0.44	163.63 9.41 3.76	160.48 8.39 20.00	162.13 11.39 13.55	192.26 14.56 12.93	174.62 10.38 -51.62	160.51 9.87 -56.82	162.34 10.83 -47.00	159.15 9.28 -63.75	159.41 14.04 -18.24	161.39 15.60 7.08	173.64 14.68 12.48	168.48 13.88 11.01	164.44 14.97 7.98	162.74 14.69 7.00	160.33 14.44 6.66	155.73 14.76 11.69	158.23 11.13 11.95
HUNTLEY___63 23557	101.66 -6.85 0.00	79.94 -5.31 0.00	73.84 -5.57 0.00	94.39 -8.14 0.00	71.52 -6.09 0.00	103.48 -8.95 0.00	121.98 -12.37 3.77	133.58 -14.48 9.93	157.17 -14.10 0.81	149.44 -13.80 1.05	163.29 -17.96 9.38	74.40 -10.47 27.76	80.54 -9.57 3.71	75.57 -10.56 18.39	72.03 -8.76 5.33	106.60 -13.02 7.51	136.98 -15.89 0.00	153.11 -18.32 0.00	140.86 -17.30 7.46	117.16 -16.91 23.38	113.19 -17.51 24.35	104.82 -18.43 29.30	114.19 -18.10 20.38	144.19 -14.86 0.00
HUNTLEY___64 23558	101.66 -6.85 0.00	79.94 -5.31 0.00	73.84 -5.57 0.00	94.39 -8.14 0.00	71.52 -6.09 0.00	103.48 -8.95 0.00	121.98 -12.37 3.77	133.58 -14.48 9.93	157.17 -14.10 0.81	149.44 -13.80 1.05	163.29 -17.96 9.38	74.40 -10.47 27.76	80.54 -9.57 3.71	75.57 -10.56 18.39	72.03 -8.76 5.33	106.60 -13.02 7.51	136.98 -15.89 0.00	153.11 -18.32 0.00	140.86 -17.30 7.46	117.16 -16.91 23.38	113.19 -17.51 24.35	104.82 -18.43 29.30	114.19 -18.10 20.38	144.19 -14.86 0.00
HUNTLEY___65 23559	101.66 -6.85 0.00	79.94 -5.31 0.00	73.84 -5.57 0.00	94.39 -8.14 0.00	71.52 -6.09 0.00	103.48 -8.95 0.00	121.98 -12.37 3.77	133.58 -14.48 9.93	157.17 -14.10 0.81	149.44 -13.80 1.05	163.29 -17.96 9.38	74.40 -10.47 27.76	80.54 -9.57 3.71	75.57 -10.56 18.39	72.03 -8.76 5.33	106.60 -13.02 7.51	136.98 -15.89 0.00	153.11 -18.32 0.00	140.86 -17.30 7.46	117.16 -16.91 23.38	113.19 -17.51 24.35	104.82 -18.43 29.30	114.19 -18.10 20.38	144.19 -14.86 0.00
HUNTLEY___66 23560	101.66 -6.85 0.00	79.94 -5.31 0.00	73.84 -5.57 0.00	94.39 -8.14 0.00	71.52 -6.09 0.00	103.48 -8.95 0.00	121.98 -12.37 3.77	133.58 -14.48 9.93	157.17 -14.10 0.81	149.44 -13.80 1.05	163.29 -17.96 9.38	74.40 -10.47 27.76	80.54 -9.57 3.71	75.57 -10.56 18.39	72.03 -8.76 5.33	106.60 -13.02 7.51	136.98 -15.89 0.00	153.11 -18.32 0.00	140.86 -17.30 7.46	117.16 -16.91 23.38	113.19 -17.51 24.35	104.82 -18.43 29.30	114.19 -18.10 20.38	144.19 -14.86 0.00

HUNTLEY___67 23561	101.24 -7.28 0.00	79.58 -5.66 0.00	73.51 -5.90 0.00	93.95 -8.58 0.00	71.11 -6.50 0.00	102.90 -9.53 0.00	120.64 -13.02 4.45	130.83 -15.31 11.85	156.12 -15.11 0.86	148.28 -14.74 1.27	160.33 -19.13 11.18	70.72 -11.26 30.65	77.67 -10.20 5.94	71.49 -11.19 21.84	69.50 -9.28 7.33	104.36 -13.61 9.15	136.52 -16.35 0.00	152.47 -18.96 0.00	138.12 -18.15 9.35	111.69 -17.84 27.92	107.43 -18.34 29.28	99.26 -19.09 34.19	110.38 -18.64 23.64	143.59 -15.46 0.00
HUNTLEY___68 23562	101.24 -7.28 0.00	79.58 -5.66 0.00	73.51 -5.90 0.00	93.95 -8.58 0.00	71.11 -6.50 0.00	102.90 -9.53 0.00	120.64 -13.02 4.45	130.83 -15.31 11.85	156.12 -15.11 0.86	148.28 -14.74 1.27	160.33 -19.13 11.18	70.72 -11.26 30.65	77.67 -10.20 5.94	71.49 -11.19 21.84	69.50 -9.28 7.33	104.36 -13.61 9.15	136.52 -16.35 0.00	152.47 -18.96 0.00	138.12 -18.15 9.35	111.69 -17.84 27.92	107.43 -18.34 29.28	99.26 -19.09 34.19	110.38 -18.64 23.64	143.59 -15.46 0.00
HYLAND___LFGE 323620	105.60 -2.92 0.00	83.13 -2.11 0.00	76.85 -2.56 0.00	97.83 -4.70 0.00	73.87 -3.74 0.00	107.04 -5.39 0.00	139.81 -9.16 -10.86	178.78 -12.20 -33.00	159.30 -11.49 1.30	157.26 -11.34 -4.31	209.13 -12.22 -30.71	85.30 -6.55 20.77	135.61 -8.69 -50.48	134.74 -7.76 -37.97	112.62 -6.07 -32.58	150.27 -7.66 -30.80	146.06 -6.81 0.00	164.00 -7.43 0.00	189.86 -7.30 -31.54	227.42 -6.07 -76.04	246.10 3.34 -87.71	226.05 -0.90 -74.40	196.53 -1.95 -45.82	159.11 0.06 0.00
INDECK___CORINTH 23802	115.78 7.27 0.00	90.27 5.03 0.00	84.12 4.71 0.00	108.53 6.00 0.00	82.36 4.75 0.00	119.48 7.04 0.00	147.49 9.38 0.00	168.06 10.08 0.00	183.62 11.53 0.00	176.73 12.45 0.00	207.01 16.08 -0.30	203.02 9.60 -80.80	184.13 7.68 -82.63	186.51 8.62 -73.37	185.05 7.11 -91.83	144.73 10.55 -7.05	165.19 12.31 0.00	185.22 13.79 0.00	179.12 13.50 0.00	170.09 12.64 0.00	167.46 12.41 0.00	164.31 11.76 0.00	163.67 11.00 0.00	169.31 10.26 0.00
INDECK___ILION 23567	110.86 2.34 0.00	86.64 1.40 0.00	80.67 1.26 0.00	104.17 1.64 0.00	78.92 1.31 0.00	114.47 2.04 0.00	140.84 2.74 0.00	160.51 2.52 0.00	174.60 2.51 0.00	168.02 3.73 0.00	196.06 5.43 0.00	115.89 3.27 0.00	96.43 2.61 0.00	107.49 2.97 0.00	88.57 2.46 0.00	130.76 3.63 0.00	156.61 3.73 0.00	175.41 3.98 0.00	169.63 4.02 0.00	161.31 3.86 0.00	158.55 3.50 0.00	155.90 3.34 0.00	156.06 3.40 0.00	161.44 2.39 0.00
INDECK___OLEAN 23982	105.94 -2.58 0.00	83.05 -2.20 0.00	76.74 -2.67 0.00	98.43 -4.10 0.00	73.78 -3.82 0.00	106.68 -5.76 0.00	128.06 -8.03 2.01	144.38 -9.19 4.41	161.33 -9.58 1.18	155.09 -8.91 0.29	175.82 -10.54 4.27	69.37 -6.45 36.81	91.85 -6.89 -4.92	84.14 -6.92 13.47	79.84 -5.98 0.30	117.09 -7.85 2.18	143.59 -9.28 0.00	159.92 -11.51 0.00	152.46 -11.01 2.15	137.27 -9.74 10.45	135.95 -9.82 9.27	124.78 -10.21 17.56	130.32 -8.89 13.46	151.14 -7.92 0.00
INDECK___OSWEGO 23783	105.78 -2.73 0.00	83.17 -2.07 0.00	77.43 -1.98 0.00	99.59 -2.94 0.00	75.42 -2.19 0.00	109.22 -3.22 0.00	134.32 -3.78 0.00	153.51 -4.48 0.00	167.39 -4.70 0.00	160.09 -4.19 0.00	185.68 -4.97 -0.02	114.56 -2.97 -4.91	96.20 -2.64 -5.02	106.06 -2.91 -4.46	89.48 -2.21 -5.58	124.34 -3.21 -0.43	149.12 -3.75 0.00	167.26 -4.17 0.00	161.60 -4.02 0.00	153.35 -4.10 0.00	150.50 -4.55 0.00	147.89 -4.67 0.00	147.91 -4.76 0.00	154.23 -4.82 0.00
INDECK___YERKES 23781	101.73 -6.79 0.00	80.00 -5.24 0.00	73.91 -5.50 0.00	94.46 -8.07 0.00	71.57 -6.04 0.00	103.57 -8.86 0.00	122.10 -12.24 3.77	133.78 -14.28 9.93	157.27 -14.01 0.81	149.57 -13.67 1.05	163.44 -17.81 9.38	74.53 -10.34 27.76	80.63 -9.48 3.71	75.51 -10.62 18.39	72.11 -8.68 5.33	106.88 -12.74 7.51	136.98 -15.90 0.00	153.17 -18.26 0.00	141.07 -17.09 7.46	117.51 -16.56 23.38	113.33 -17.37 24.35	104.92 -18.34 29.30	114.36 -17.92 20.38	144.25 -14.80 0.00
INDIAN POINT_GT_1 24139	115.81 7.29 0.00	90.03 4.78 0.00	83.70 4.29 0.00	108.29 5.76 0.00	82.21 4.60 0.00	118.88 6.45 0.00	146.29 8.19 0.00	165.61 7.62 0.00	179.71 7.62 0.00	173.97 9.69 0.00	203.01 12.15 -0.23	184.09 8.36 -63.10	165.69 7.33 -64.53	169.96 8.14 -57.30	164.82 6.98 -71.72	162.20 10.22 -24.85	166.05 11.20 -1.98	182.20 10.77 0.00	176.46 10.84 0.00	168.89 11.44 0.00	166.01 10.97 0.00	163.07 10.52 0.00	163.05 10.39 0.00	167.16 8.11 0.00
INDIAN POINT_GT_2 23659	115.81 7.29 0.00	90.03 4.78 0.00	83.70 4.29 0.00	108.29 5.76 0.00	82.21 4.60 0.00	118.88 6.45 0.00	146.29 8.19 0.00	165.61 7.62 0.00	179.71 7.62 0.00	173.97 9.69 0.00	203.01 12.15 -0.23	184.09 8.36 -63.10	165.69 7.33 -64.53	169.96 8.14 -57.30	164.82 6.98 -71.72	162.20 10.22 -24.85	166.05 11.20 -1.98	182.20 10.77 0.00	176.46 10.84 0.00	168.89 11.44 0.00	166.01 10.97 0.00	163.07 10.52 0.00	163.05 10.39 0.00	167.16 8.11 0.00
INDIAN POINT_GT_3 24019	115.81 7.29 0.00	90.03 4.78 0.00	83.70 4.29 0.00	108.29 5.76 0.00	82.21 4.60 0.00	118.88 6.45 0.00	146.29 8.19 0.00	165.61 7.62 0.00	179.71 7.62 0.00	173.97 9.69 0.00	203.01 12.15 -0.23	184.09 8.36 -63.10	165.69 7.33 -64.53	169.96 8.14 -57.30	164.82 6.98 -71.72	162.20 10.22 -24.85	166.05 11.20 -1.98	182.20 10.77 0.00	176.46 10.84 0.00	168.89 11.44 0.00	166.01 10.97 0.00	163.07 10.52 0.00	163.05 10.39 0.00	167.16 8.11 0.00
INDIAN POINT___2 23530	115.61 7.09 0.00	89.86 4.62 0.00	83.56 4.15 0.00	108.09 5.55 0.00	82.06 4.45 0.00	118.68 6.25 0.00	146.03 7.93 0.00	165.25 7.26 0.00	179.37 7.28 0.00	173.58 9.30 0.00	202.45 11.59 -0.23	182.83 8.05 -62.15	164.46 7.08 -63.56	168.82 7.86 -56.44	163.50 6.75 -70.64	169.29 9.85 -32.32	166.46 10.83 -2.76	181.75 10.32 0.00	175.96 10.34 0.00	168.47 11.02 0.00	165.66 10.61 0.00	162.70 10.15 0.00	162.68 10.02 0.00	166.82 7.77 0.00
INDIAN POINT___3 23531	115.53 7.01 0.00	89.83 4.59 0.00	83.53 4.12 0.00	108.04 5.52 0.00	82.04 4.43 0.00	118.61 6.18 0.00	145.91 7.81 0.00	165.17 7.19 0.00	179.19 7.10 0.00	173.42 9.13 0.00	202.28 11.42 -0.23	183.32 7.93 -62.77	165.00 6.98 -64.19	169.25 7.74 -57.00	164.10 6.65 -71.34	163.79 9.73 -26.93	165.72 10.65 -2.20	181.58 10.14 0.00	175.83 10.21 0.00	168.33 10.88 0.00	165.51 10.46 0.00	162.55 10.00 0.00	162.58 9.92 0.00	166.74 7.69 0.00
INGHAM_C_115KV_TB7 356103	112.53 4.02 0.00	87.53 2.29 0.00	81.43 2.02 0.00	105.26 2.73 0.00	79.77 2.16 0.00	115.76 3.33 0.00	142.78 4.67 0.00	162.25 4.26 0.00	176.13 4.04 0.00	170.61 6.32 0.00	200.31 9.67 0.00	118.44 5.81 0.00	98.43 4.61 0.00	109.77 5.24 0.00	90.40 4.28 0.00	133.57 6.44 0.00	159.31 6.43 0.00	178.45 7.02 0.00	172.71 7.09 0.00	164.36 6.91 0.00	161.44 6.39 0.00	158.63 6.08 0.00	158.79 6.13 0.00	163.10 4.05 0.00
IP CORINTH___1 23988	115.78 7.27 0.00	90.28 5.03 0.00	84.12 4.71 0.00	108.53 6.00 0.00	82.36 4.75 0.00	119.47 7.04 0.00	147.50 9.40 0.00	168.06 10.07 0.00	183.62 11.53 0.00	176.73 12.45 0.00	207.01 16.08 -0.30	203.00 9.58 -80.80	184.13 7.68 -82.63	186.51 8.62 -73.37	185.05 7.11 -91.83	144.74 10.56 -7.05	165.16 12.28 0.00	185.22 13.79 0.00	179.12 13.50 0.00	170.09 12.64 0.00	167.45 12.41 0.00	164.31 11.76 0.00	163.68 11.02 0.00	169.31 10.26 0.00

IP___TICONDEROGA 23804	119.78 11.27 0.00	93.20 7.96 0.00	87.05 7.64 0.00	112.31 9.78 0.00	85.60 7.99 0.00	124.21 11.78 0.00	153.89 15.79 0.00	175.19 17.20 0.00	191.99 19.90 0.00	184.70 20.41 0.00	217.20 26.28 -0.30	207.94 14.61 -80.70	188.00 11.65 -82.53	190.99 13.19 -73.28	188.42 10.59 -91.72	149.70 15.53 -7.05	171.75 18.88 0.00	193.42 21.99 0.00	187.36 21.74 0.00	177.15 19.70 0.00	175.10 20.05 0.00	171.70 19.15 0.00	169.95 17.29 0.00	175.75 16.70 0.00
ISLIP_RES_REC 323679	115.92 11.44 4.04	89.45 7.94 3.74	93.01 7.49 -6.11	117.73 9.95 -5.25	90.19 7.94 -4.63	127.18 11.45 -3.30	151.90 14.14 0.35	165.86 11.54 3.67	163.17 10.89 19.80	165.05 13.91 13.15	196.08 17.76 12.32	177.04 12.21 -52.21	162.56 11.33 -57.40	164.68 12.47 -47.69	161.11 10.63 -64.36	162.14 16.20 -18.82	164.60 18.30 6.57	177.64 18.10 11.89	172.08 16.96 10.50	167.77 17.80 7.47	166.15 17.43 6.33	163.39 16.91 6.07	158.47 16.94 11.14	161.05 13.38 11.38
JAMAICA__27_KV_LOAD 355505	117.25 8.74 0.00	90.78 5.53 0.00	84.37 4.96 0.00	109.40 6.87 0.00	83.06 5.45 0.00	120.29 7.86 0.00	148.32 10.22 0.00	167.94 9.95 0.00	181.96 9.87 0.00	176.50 12.21 0.00	205.10 14.23 -0.23	186.18 9.84 -63.71	167.60 8.63 -65.15	171.96 9.58 -57.85	166.68 8.16 -72.41	162.26 12.33 -22.80	168.14 13.50 -1.77	184.38 12.95 0.00	179.06 13.44 0.00	171.31 13.86 0.00	167.96 12.91 0.00	165.24 12.69 0.00	165.76 13.10 0.00	169.02 9.97 0.00
JANIS___SOLAR 323808	113.99 5.48 0.00	89.66 4.42 0.00	83.50 4.09 0.00	107.60 5.07 0.00	81.64 4.03 0.00	118.88 6.45 0.00	149.92 8.71 -3.11	174.94 10.49 -6.46	186.08 11.68 -2.31	174.90 10.33 -0.28	207.48 10.58 -6.26	229.82 5.84 -111.36	127.45 4.18 -29.45	171.14 5.20 -61.42	136.42 4.41 -45.89	140.48 7.47 -5.88	162.89 10.02 0.00	182.82 11.39 0.00	179.27 11.58 -2.07	184.20 11.08 -15.67	177.44 9.98 -12.41	190.54 8.36 -29.63	183.56 7.70 -23.19	166.55 7.50 0.00
JARVIS____ 23743	109.37 0.85 0.00	85.77 0.52 0.00	79.89 0.48 0.00	103.15 0.62 0.00	78.08 0.47 0.00	113.13 0.70 0.00	138.95 0.84 0.00	158.63 0.65 0.00	172.78 0.69 0.00	165.51 1.22 0.00	192.34 1.71 0.00	113.75 1.13 0.00	94.74 0.92 0.00	105.56 1.05 0.00	87.01 0.89 0.00	128.39 1.26 0.00	154.08 1.21 0.00	172.54 1.10 0.00	166.67 1.06 0.00	158.43 0.98 0.00	155.83 0.78 0.00	153.33 0.78 0.00	153.60 0.93 0.00	159.70 0.65 0.00
JENNISON___1 23625	112.76 4.24 0.00	88.89 3.65 0.00	82.98 3.57 0.00	106.91 4.38 0.00	81.59 3.98 0.00	118.89 6.46 0.00	147.25 8.65 -0.48	169.43 10.44 -1.00	183.81 11.24 -0.48	173.63 9.35 0.00	199.84 8.28 -0.93	158.34 4.10 -41.62	121.90 3.07 -25.00	138.78 3.95 -30.30	121.14 3.67 -31.34	136.90 7.21 -2.57	162.78 9.91 0.00	182.93 11.50 0.00	176.69 11.07 0.00	170.74 10.52 -2.76	165.99 9.21 -1.72	165.50 7.20 -5.75	163.23 6.08 -4.48	164.49 5.45 0.00
JENNISON___2 23626	112.76 4.24 0.00	88.89 3.65 0.00	82.98 3.57 0.00	106.91 4.38 0.00	81.59 3.98 0.00	118.89 6.46 0.00	147.25 8.65 -0.48	169.43 10.44 -1.00	183.81 11.24 -0.48	173.63 9.35 0.00	199.84 8.28 -0.93	158.34 4.10 -41.62	121.90 3.07 -25.00	138.78 3.95 -30.30	121.14 3.67 -31.34	136.90 7.21 -2.57	162.78 9.91 0.00	182.93 11.50 0.00	176.69 11.07 0.00	170.74 10.52 -2.76	165.99 9.21 -1.72	165.50 7.20 -5.75	163.23 6.08 -4.48	164.49 5.45 0.00
JERICHO_RISE_WT_PWR 323719	107.82 -0.70 0.00	84.79 -0.45 0.00	79.00 -0.41 0.00	102.05 -0.48 0.00	77.27 -0.34 0.00	112.02 -0.41 0.00	137.53 -0.58 0.00	158.52 0.53 0.00	172.69 0.60 0.00	163.01 -1.28 0.00	187.93 -2.70 0.00	109.78 -2.85 0.00	91.58 -2.25 0.00	101.83 -2.69 0.00	83.67 -2.45 0.00	124.00 -3.13 0.00	151.20 -1.67 0.00	171.36 -0.07 0.00	165.46 -0.16 0.00	156.51 -0.94 0.00	154.37 -0.67 0.00	151.85 -0.70 0.00	151.61 -1.05 0.00	159.02 -0.03 0.00
KATONAH___115KV_46KV_TB4 355592	117.22 8.70 0.00	91.19 5.94 0.00	84.77 5.36 0.00	109.67 7.14 0.00	83.29 5.68 0.00	120.52 8.09 0.00	148.37 10.26 0.00	168.07 10.08 0.00	182.49 10.40 0.00	176.79 12.51 0.00	206.29 15.42 -0.23	187.13 10.22 -64.29	168.47 8.91 -65.74	172.71 9.81 -58.37	167.54 8.36 -73.06	157.83 12.33 -18.38	167.93 13.74 -1.31	184.64 13.22 0.00	178.76 13.14 0.00	170.98 13.53 0.00	168.02 12.97 0.00	165.03 12.48 0.00	164.90 12.23 0.00	169.04 9.99 0.00
KCE_NY_1 323755	115.10 6.58 0.00	89.75 4.51 0.00	83.61 4.19 0.00	107.90 5.37 0.00	81.82 4.21 0.00	118.70 6.27 0.00	146.31 8.21 0.00	166.48 8.50 0.00	181.52 9.43 0.00	174.56 10.27 0.00	204.49 13.57 -0.29	201.41 8.23 -80.56	182.89 6.68 -82.39	185.19 7.51 -73.15	183.89 6.21 -91.56	143.25 9.09 -7.03	163.32 10.45 0.00	182.86 11.43 0.00	176.91 11.29 0.00	168.08 10.63 0.00	165.36 10.31 0.00	162.38 9.83 0.00	162.16 9.49 0.00	167.89 8.84 0.00
KCE_NY_6_ESR 323823	102.63 -5.89 0.00	80.57 -4.67 0.00	74.34 -5.07 0.00	94.88 -7.65 0.00	71.83 -5.78 0.00	103.80 -8.63 0.00	121.91 -11.56 4.64	132.08 -13.58 12.33	157.95 -13.21 0.93	150.12 -12.85 1.32	162.28 -16.72 11.64	69.86 -9.81 32.95	78.47 -9.15 6.20	71.40 -10.05 23.07	70.05 -8.27 7.80	105.76 -11.86 9.50	138.52 -14.35 0.00	154.73 -16.70 0.00	140.24 -15.75 9.62	113.15 -15.28 29.02	108.71 -15.95 30.39	99.97 -16.82 35.76	111.65 -16.24 24.77	145.54 -13.50 0.00
KEDC_PORT_JEFF_GT2 24210	115.00 10.85 4.37	88.50 7.45 4.20	92.15 7.07 -5.67	116.75 9.37 -4.86	89.43 7.52 -4.29	126.29 10.79 -3.06	150.81 13.20 0.49	163.93 9.76 3.82	160.66 8.75 20.18	162.30 11.79 13.78	192.75 15.37 13.25	174.77 10.83 -51.31	160.67 10.34 -56.51	162.59 11.44 -46.63	159.10 9.55 -63.43	159.60 14.52 -17.94	161.69 16.16 7.35	174.00 15.35 12.78	168.70 14.36 11.28	164.67 15.46 8.24	162.93 15.24 7.36	160.57 14.99 6.97	155.95 15.26 11.98	158.82 12.00 12.24
KEDC_PORT_JEFF_GT3 24211	115.00 10.85 4.37	88.50 7.45 4.20	92.15 7.07 -5.67	116.75 9.37 -4.86	89.43 7.52 -4.29	126.29 10.79 -3.06	150.81 13.20 0.49	163.93 9.76 3.82	160.66 8.75 20.18	162.30 11.79 13.78	192.75 15.37 13.25	174.77 10.83 -51.31	160.67 10.34 -56.51	162.59 11.44 -46.63	159.10 9.55 -63.43	159.60 14.52 -17.94	161.69 16.16 7.35	174.00 15.35 12.78	168.70 14.36 11.28	164.67 15.46 8.24	162.93 15.24 7.36	160.57 14.99 6.97	155.95 15.26 11.98	158.82 12.00 12.24
KEDC_GLWD_GT4 24219	127.09 9.59 -8.99	106.52 6.60 -14.68	109.23 6.05 -23.76	131.42 8.03 -20.86	102.00 6.37 -18.01	134.19 8.92 -12.83	154.10 10.39 -5.60	170.18 9.24 -2.95	182.29 9.03 -1.17	190.40 11.57 -14.54	231.46 14.64 -26.19	211.47 10.00 -88.84	196.82 8.96 -94.04	205.50 9.87 -91.11	197.05 8.45 -102.49	194.23 12.53 -54.57	192.12 13.93 -25.31	209.35 13.32 -24.60	200.36 13.03 -21.71	195.45 13.90 -24.10	204.46 13.43 -35.98	196.56 12.93 -31.07	188.59 12.68 -23.24	192.62 10.02 -23.55
KEDC_GLWD_GT5 24220	127.09 9.59 -8.99	106.52 6.60 -14.68	109.23 6.05 -23.76	131.42 8.03 -20.86	102.00 6.37 -18.01	134.19 8.92 -12.83	154.10 10.39 -5.60	170.18 9.24 -2.95	182.29 9.03 -1.17	190.40 11.57 -14.54	231.46 14.64 -26.19	211.47 10.00 -88.84	196.82 8.96 -94.04	205.50 9.87 -91.11	197.05 8.45 -102.49	194.23 12.53 -54.57	192.12 13.93 -25.31	209.35 13.32 -24.60	200.36 13.03 -21.71	195.45 13.90 -24.10	204.46 13.43 -35.98	196.56 12.93 -31.07	188.59 12.68 -23.24	192.62 10.02 -23.55

KENSICO____ 23655	116.25 7.73 0.00	90.34 5.10 0.00	84.00 4.59 0.00	108.67 6.14 0.00	82.52 4.91 0.00	119.36 6.93 0.00	146.85 8.74 0.00	166.17 8.19 0.00	180.38 8.29 0.00	174.63 10.34 0.00	203.81 12.94 -0.23	185.08 8.83 -63.62	166.66 7.77 -65.06	170.87 8.58 -57.77	165.77 7.35 -72.31	161.46 10.79 -23.54	166.61 11.90 -1.84	182.86 11.43 0.00	177.12 11.50 0.00	169.47 12.02 0.00	166.61 11.56 0.00	163.63 11.08 0.00	163.64 10.97 0.00	167.72 8.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	116.67 8.15 0.00	90.80 5.56 0.00	84.44 5.02 0.00	109.19 6.66 0.00	82.83 5.22 0.00	119.99 7.56 0.00	147.78 9.67 0.00	167.75 9.77 0.00	182.37 10.28 0.00	176.09 11.80 0.00	205.44 14.58 -0.22	183.36 9.53 -61.20	164.60 8.19 -62.59	169.18 9.08 -55.57	163.44 7.76 -69.55	140.77 11.43 -2.21	165.61 13.06 0.32	184.98 13.54 0.00	179.19 13.57 0.00	171.32 13.87 0.00	168.33 13.28 0.00	165.16 12.61 0.00	164.89 12.22 0.00	169.32 10.27 0.00
KIAC_JFK_GT1 23816	116.55 8.03 0.00	90.23 4.98 0.00	83.86 4.45 0.00	108.75 6.22 0.00	82.58 4.97 0.00	119.52 7.09 0.00	147.39 9.28 0.00	166.84 8.86 0.00	180.77 8.68 0.00	175.31 11.02 0.00	203.73 12.86 -0.23	185.32 8.98 -63.71	166.92 7.95 -65.15	171.22 8.85 -57.85	166.08 7.55 -72.41	161.36 11.43 -22.80	167.03 12.39 -1.77	183.13 11.70 0.00	177.78 12.16 0.00	170.09 12.64 0.00	166.76 11.71 0.00	164.08 11.52 0.00	164.66 11.99 0.00	167.85 8.80 0.00
KIAC_JFK_GT2 23817	116.55 8.03 0.00	90.23 4.98 0.00	83.86 4.45 0.00	108.75 6.22 0.00	82.58 4.97 0.00	119.52 7.09 0.00	147.39 9.28 0.00	166.84 8.86 0.00	180.77 8.68 0.00	175.31 11.02 0.00	203.73 12.86 -0.23	185.32 8.98 -63.71	166.92 7.95 -65.15	171.22 8.85 -57.85	166.08 7.55 -72.41	161.36 11.43 -22.80	167.03 12.39 -1.77	183.13 11.70 0.00	177.78 12.16 0.00	170.09 12.64 0.00	166.76 11.71 0.00	164.08 11.52 0.00	164.66 11.99 0.00	167.85 8.80 0.00
KIAC_JFK____ 323774	116.55 8.03 0.00	90.23 4.98 0.00	83.85 4.44 0.00	108.74 6.21 0.00	82.58 4.97 0.00	119.52 7.09 0.00	147.39 9.28 0.00	166.83 8.84 0.00	180.81 8.72 0.00	175.28 11.00 0.00	203.72 12.85 -0.23	185.32 8.99 -63.71	166.92 7.95 -65.15	171.24 8.86 -57.85	166.09 7.56 -72.41	161.29 11.36 -22.80	167.04 12.40 -1.77	183.13 11.70 0.00	177.85 12.23 0.00	170.01 12.56 0.00	166.77 11.72 0.00	164.08 11.52 0.00	164.62 11.96 0.00	167.86 8.81 0.00
KINTIGH____ 23543	102.04 -6.48 0.00	80.28 -4.96 0.00	74.31 -5.10 0.00	95.14 -7.39 0.00	72.06 -5.55 0.00	104.28 -8.16 0.00	124.39 -11.22 2.50	138.32 -13.20 6.46	158.34 -13.10 0.65	150.94 -12.69 0.66	168.00 -16.52 6.12	82.23 -9.79 20.61	84.87 -8.78 0.16	82.97 -9.79 11.76	76.26 -8.02 1.84	110.69 -11.82 4.61	138.79 -14.08 0.00	155.07 -16.36 0.00	145.03 -15.72 4.88	126.68 -15.48 15.29	123.37 -16.01 15.66	116.34 -16.64 19.57	122.33 -16.47 13.87	145.25 -13.80 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	110.22 1.70 0.00	86.57 1.33 0.00	80.61 1.21 0.00	104.05 1.52 0.00	78.86 1.25 0.00	114.28 1.85 0.00	140.77 2.66 0.00	162.06 4.08 0.00	176.55 4.46 0.00	167.09 2.80 0.00	192.38 1.75 0.00	112.03 -0.60 0.00	93.34 -0.48 0.00	103.84 -0.69 0.00	84.98 -1.14 0.00	125.94 -1.19 0.00	153.75 0.88 0.00	174.51 3.08 0.00	168.97 3.36 0.00	159.64 2.19 0.00	157.36 2.31 0.00	154.61 2.06 0.00	154.04 1.38 0.00	161.13 2.08 0.00
LACHUTE__HYDRO 323717	119.79 11.27 0.00	93.20 7.96 0.00	87.05 7.64 0.00	112.31 9.78 0.00	85.60 7.99 0.00	124.22 11.78 0.00	153.89 15.78 0.00	175.20 17.22 0.00	191.99 19.90 0.00	184.70 20.41 0.00	217.20 26.28 -0.30	207.93 14.60 -80.70	188.00 11.65 -82.53	190.98 13.18 -73.28	188.42 10.59 -91.72	149.70 15.53 -7.05	171.75 18.87 0.00	193.42 21.99 0.00	187.36 21.74 0.00	177.15 19.70 0.00	175.11 20.06 0.00	171.70 19.15 0.00	169.95 17.28 0.00	175.74 16.69 0.00
LAWRNCV_115KV_TB1 80681	108.79 0.28 0.00	85.49 0.25 0.00	79.74 0.33 0.00	103.55 1.02 0.00	77.46 -0.15 0.00	111.72 -0.71 0.00	136.13 -1.98 0.00	157.96 -0.03 0.00	172.64 0.55 0.00	160.10 -4.18 0.00	185.06 -5.57 0.00	107.96 -4.66 0.00	91.81 -2.01 0.00	101.99 -2.54 0.00	83.79 -2.33 0.00	123.48 -3.64 0.00	150.49 -2.38 0.00	170.53 -0.90 0.00	164.30 -1.32 0.00	155.09 -2.36 0.00	153.70 -1.35 0.00	152.02 -0.53 0.00	153.05 0.39 0.00	161.83 2.78 0.00
LEDERLE____ 23769	115.89 7.37 0.00	90.11 4.87 0.00	83.78 4.37 0.00	108.38 5.85 0.00	82.28 4.67 0.00	118.99 6.55 0.00	146.47 8.36 0.00	165.84 7.86 0.00	179.91 7.82 0.00	174.08 9.79 0.00	202.94 12.08 -0.22	182.20 8.37 -61.20	163.74 7.33 -62.59	168.25 8.15 -55.58	162.66 6.98 -69.56	119.83 10.22 17.52	161.82 11.29 2.34	182.33 10.90 0.00	176.52 10.90 0.00	169.09 11.64 0.00	166.22 11.18 0.00	163.21 10.66 0.00	163.18 10.51 0.00	167.30 8.24 0.00
LIGHTHSE_115KV_TB6 355974	108.06 -0.45 0.00	84.87 -0.37 0.00	79.01 -0.40 0.00	101.62 -0.91 0.00	76.94 -0.67 0.00	111.69 -0.75 0.00	137.80 -0.31 0.00	157.89 -0.09 0.00	172.25 0.15 0.00	163.96 -0.33 0.00	189.90 -0.75 -0.02	116.32 -0.81 -4.51	97.36 -1.08 -4.61	107.42 -1.19 -4.10	90.38 -0.86 -5.13	126.70 -0.82 -0.39	153.03 0.15 0.00	172.15 0.72 0.00	165.94 0.32 0.00	156.15 -1.30 0.00	152.52 -2.53 0.00	150.36 -2.19 0.00	150.64 -2.02 0.00	157.84 -1.21 0.00
LINDEN COGEN____ 23786	115.86 7.35 0.00	90.00 4.76 0.00	83.67 4.25 0.00	108.36 5.83 0.00	82.37 4.75 0.00	118.99 6.56 0.00	146.56 8.45 0.00	165.85 7.87 0.00	179.85 7.76 0.00	174.44 10.15 0.00	203.48 12.61 -0.23	185.06 8.73 -63.71	166.71 7.73 -65.15	170.89 8.51 -57.85	165.82 7.29 -72.41	131.78 10.70 6.05	129.62 11.78 35.04	181.45 11.11 1.09	172.27 11.25 4.60	169.38 11.93 0.00	166.39 11.34 0.00	163.44 10.89 0.00	163.47 10.81 0.00	167.21 8.16 0.00
LINDHRST_69_KV_BK1 356055	121.27 11.43 -1.32	97.01 7.92 -3.84	100.26 7.48 -13.37	123.99 9.79 -11.67	95.50 7.75 -10.14	130.76 11.11 -7.22	153.97 13.76 -2.10	168.61 11.86 1.24	169.88 12.08 14.29	174.07 14.35 4.58	208.94 18.07 -0.23	189.06 12.29 -64.15	174.41 11.25 -69.34	178.62 12.25 -61.84	173.49 10.58 -76.79	173.31 15.72 -30.47	174.26 17.57 -3.82	189.06 17.63 0.00	182.46 16.85 0.00	177.69 17.43 -2.82	179.63 17.12 -7.46	175.08 16.49 -6.04	169.13 16.40 -0.06	172.00 12.95 0.00
LIPA_MISC_IPP 23656	114.74 10.74 4.52	88.20 7.37 4.41	91.87 6.99 -5.47	116.47 9.27 -4.68	89.19 7.44 -4.15	126.12 10.73 -2.95	150.81 13.27 0.56	164.78 10.68 3.88	162.27 10.54 20.36	162.98 12.76 14.06	193.38 16.43 13.67	174.96 11.42 -50.91	160.57 10.63 -56.11	162.30 11.62 -46.16	159.19 10.06 -63.02	159.79 15.11 -17.55	162.13 16.96 7.70	175.37 17.12 13.18	170.04 16.06 11.63	165.49 16.63 8.59	163.73 16.50 7.82	161.14 15.97 7.38	156.25 15.94 12.35	158.85 12.41 12.62
LISF__SOLAR 323691	115.00 10.95 4.46	88.45 7.54 4.33	92.11 7.15 -5.55	116.75 9.47 -4.75	89.44 7.62 -4.20	126.43 11.00 -3.00	151.19 13.61 0.54	165.18 11.05 3.86	162.12 10.32 20.29	163.63 13.29 13.95	194.00 16.89 13.51	175.39 11.70 -51.07	160.96 10.87 -56.26	162.82 11.96 -46.34	159.57 10.27 -63.18	160.53 15.70 -17.70	163.05 17.74 7.57	176.10 17.70 13.03	170.64 16.52 11.50	166.36 17.36 8.46	164.43 17.02 7.64	161.93 16.60 7.22	157.04 16.59 12.21	159.59 13.01 12.47

LITTLE FALLS___HYD 24013	112.53 4.02 0.00	87.53 2.29 0.00	81.43 2.02 0.00	105.26 2.73 0.00	79.77 2.16 0.00	115.76 3.33 0.00	142.78 4.67 0.00	162.25 4.26 0.00	176.13 4.04 0.00	170.61 6.32 0.00	200.31 9.67 0.00	118.44 5.81 0.00	98.43 4.61 0.00	109.77 5.24 0.00	90.40 4.28 0.00	133.57 6.44 0.00	159.31 6.43 0.00	178.45 7.02 0.00	172.71 7.09 0.00	164.36 6.91 0.00	161.44 6.39 0.00	158.63 6.08 0.00	158.79 6.13 0.00	163.10 4.05 0.00
LITTLRIV_115KV_TB1 356100	110.09 1.57 0.00	86.57 1.33 0.00	80.73 1.32 0.00	104.81 2.28 0.00	78.39 0.78 0.00	113.12 0.69 0.00	137.79 -0.32 0.00	160.11 2.12 0.00	174.82 2.73 0.00	161.43 -2.86 0.00	186.00 -4.63 0.00	108.43 -4.19 0.00	92.09 -1.73 0.00	102.27 -2.25 0.00	84.00 -2.12 0.00	124.05 -3.08 0.00	151.83 -1.04 0.00	172.72 1.29 0.00	166.47 0.85 0.00	157.09 -0.36 0.00	155.69 0.64 0.00	153.88 1.33 0.00	154.90 2.23 0.00	164.03 4.98 0.00
LI_NEWBRDGE___DRP 323616	110.67 9.70 7.55	83.26 6.70 8.68	87.04 6.26 -1.38	111.88 8.29 -1.05	85.21 6.56 -1.04	122.47 9.30 -0.74	147.69 11.52 1.94	162.32 9.60 5.26	157.70 9.51 23.90	156.08 11.74 19.94	183.03 14.79 22.38	165.54 10.28 -42.63	151.10 9.45 -47.83	151.11 10.25 -36.34	149.39 8.88 -54.40	149.69 13.09 -9.47	152.43 14.46 14.91	163.95 13.95 21.43	160.13 13.42 18.92	155.99 14.27 15.73	151.64 13.98 17.39	150.29 13.52 15.78	146.12 13.59 20.13	148.96 10.42 20.52
LOCKPORT_115KV_TB60_63_64 80432	100.09 -8.43 0.00	78.72 -6.53 0.00	72.75 -6.66 0.00	92.97 -9.56 0.00	70.48 -7.13 0.00	101.97 -10.46 0.00	120.83 -14.22 3.06	133.27 -16.73 7.98	154.82 -16.56 0.72	147.35 -16.10 0.83	162.46 -20.62 7.55	77.33 -11.82 23.47	81.49 -10.62 1.71	78.12 -11.81 14.59	72.97 -9.80 3.35	106.54 -14.68 5.90	135.21 -17.66 0.00	151.09 -20.34 -0.01	140.78 -19.38 5.46	119.58 -19.08 18.79	115.90 -19.71 19.44	107.96 -20.39 24.19	115.80 -19.95 16.91	142.42 -16.63 0.00
LOCKPORT___CC1 323769	99.61 -8.90 0.00	78.37 -6.87 0.00	72.41 -7.00 0.00	92.53 -10.00 0.00	70.11 -7.50 0.00	101.42 -11.01 0.00	118.20 -14.91 5.00	127.09 -17.50 13.39	153.61 -17.51 0.98	145.90 -16.96 1.42	156.46 -21.56 12.61	64.50 -12.40 35.72	75.29 -11.11 7.42	66.39 -12.51 25.62	66.59 -10.25 9.27	101.66 -15.09 10.37	134.34 -18.53 0.00	150.18 -21.22 0.04	132.43 -20.12 13.06	105.99 -19.60 31.86	101.33 -20.37 33.35	94.43 -21.01 37.11	106.30 -20.60 25.76	141.67 -17.38 0.00
LOCKPORT___CC2 323770	99.61 -8.90 0.00	78.37 -6.87 0.00	72.41 -7.00 0.00	92.53 -10.00 0.00	70.11 -7.50 0.00	101.42 -11.01 0.00	118.20 -14.91 5.00	127.09 -17.50 13.39	153.61 -17.51 0.98	145.90 -16.96 1.42	156.46 -21.56 12.61	64.50 -12.40 35.72	75.29 -11.11 7.42	66.39 -12.51 25.62	66.59 -10.25 9.27	101.66 -15.09 10.37	134.34 -18.53 0.00	150.18 -21.22 0.04	132.43 -20.12 13.06	105.99 -19.60 31.86	101.33 -20.37 33.35	94.43 -21.01 37.11	106.30 -20.60 25.76	141.67 -17.38 0.00
LOCKPORT___CC3 323771	99.61 -8.90 0.00	78.37 -6.87 0.00	72.41 -7.00 0.00	92.53 -10.00 0.00	70.11 -7.50 0.00	101.42 -11.01 0.00	118.20 -14.91 5.00	127.09 -17.50 13.39	153.61 -17.51 0.98	145.90 -16.96 1.42	156.46 -21.56 12.61	64.50 -12.40 35.72	75.29 -11.11 7.42	66.39 -12.51 25.62	66.59 -10.25 9.27	101.66 -15.09 10.37	134.34 -18.53 0.00	150.18 -21.22 0.04	132.43 -20.12 13.06	105.99 -19.60 31.86	101.33 -20.37 33.35	94.43 -21.01 37.11	106.30 -20.60 25.76	141.67 -17.38 0.00
LONG_LAKE_PHOENIX 24014	106.42 -2.09 0.00	83.64 -1.61 0.00	77.73 -1.68 0.00	99.97 -2.56 0.00	75.73 -1.88 0.00	109.70 -2.73 0.00	134.86 -3.25 0.00	154.21 -3.78 0.00	168.33 -3.76 0.00	161.02 -3.27 0.00	186.71 -3.93 -0.02	115.32 -2.37 -5.06	96.90 -2.10 -5.18	106.90 -2.22 -4.60	90.25 -1.62 -5.76	125.22 -2.35 -0.44	150.15 -2.73 0.00	168.32 -3.11 0.00	162.65 -2.97 0.00	154.55 -2.90 0.00	151.81 -3.24 0.00	148.91 -3.63 0.00	148.89 -3.78 0.00	155.14 -3.91 0.00
LOVETT___3 23632	115.38 6.87 0.00	89.71 4.47 0.00	83.40 3.99 0.00	107.88 5.35 0.00	81.90 4.29 0.00	118.44 6.01 0.00	145.75 7.65 0.00	164.92 6.94 0.00	178.84 6.74 0.00	173.01 8.72 0.00	201.62 10.76 -0.22	181.66 7.63 -61.41	163.38 6.76 -62.80	167.78 7.50 -55.76	162.37 6.46 -69.79	118.25 9.45 18.33	160.76 10.32 2.43	181.16 9.73 0.00	175.39 9.77 0.00	168.01 10.56 0.00	165.23 10.18 0.00	162.26 9.71 0.00	162.29 9.62 0.00	166.42 7.37 0.00
LOVETT___4 23642	115.38 6.87 0.00	89.71 4.47 0.00	83.40 3.99 0.00	107.88 5.35 0.00	81.90 4.29 0.00	118.44 6.01 0.00	145.75 7.65 0.00	164.92 6.94 0.00	178.84 6.74 0.00	173.01 8.72 0.00	201.62 10.76 -0.22	181.66 7.63 -61.41	163.38 6.76 -62.80	167.78 7.50 -55.76	162.37 6.46 -69.79	118.25 9.45 18.33	160.76 10.32 2.43	181.16 9.73 0.00	175.39 9.77 0.00	168.01 10.56 0.00	165.23 10.18 0.00	162.26 9.71 0.00	162.29 9.62 0.00	166.42 7.37 0.00
LOVETT___5 23593	115.38 6.87 0.00	89.71 4.47 0.00	83.40 3.99 0.00	107.88 5.35 0.00	81.90 4.29 0.00	118.44 6.01 0.00	145.75 7.65 0.00	164.92 6.94 0.00	178.84 6.74 0.00	173.01 8.72 0.00	201.62 10.76 -0.22	181.66 7.63 -61.41	163.38 6.76 -62.80	167.78 7.50 -55.76	162.37 6.46 -69.79	118.25 9.45 18.33	160.76 10.32 2.43	181.16 9.73 0.00	175.39 9.77 0.00	168.01 10.56 0.00	165.23 10.18 0.00	162.26 9.71 0.00	162.29 9.62 0.00	166.42 7.37 0.00
LOWER RAQUET___HYD 24057	108.83 0.31 0.00	85.55 0.30 0.00	79.78 0.37 0.00	103.55 1.02 0.00	77.44 -0.17 0.00	111.57 -0.86 0.00	135.71 -2.40 0.00	157.53 -0.46 0.00	172.12 0.03 0.00	159.61 -4.67 0.00	184.65 -5.98 0.00	107.75 -4.87 0.00	91.49 -2.33 0.00	101.63 -2.89 0.00	83.49 -2.63 0.00	122.92 -4.21 0.00	149.97 -2.90 0.00	170.11 -1.32 0.00	163.89 -1.73 0.00	154.52 -2.93 0.00	153.23 -1.82 0.00	151.72 -0.83 0.00	152.93 0.26 0.00	161.93 2.88 0.00
LOWER___HUDSON 24059	113.62 5.11 0.00	88.61 3.36 0.00	82.48 3.07 0.00	106.50 3.97 0.00	80.71 3.10 0.00	116.83 4.40 0.00	143.74 5.64 0.00	163.22 5.23 0.00	177.85 5.76 0.00	171.62 7.33 0.00	201.09 10.17 -0.29	198.12 6.38 -79.12	179.98 5.24 -80.91	182.32 5.95 -71.85	180.90 4.86 -89.92	141.00 6.97 -6.91	160.29 7.42 0.00	179.10 7.67 0.00	173.13 7.51 0.00	164.72 7.26 0.00	162.30 7.25 0.00	159.60 7.05 0.00	159.66 7.00 0.00	165.20 6.15 0.00
LOWVILLE_115KV_TB2 356335	111.97 3.45 0.00	87.93 2.69 0.00	82.00 2.59 0.00	105.76 3.23 0.00	79.85 2.24 0.00	116.21 3.77 0.00	143.62 5.51 0.00	165.27 7.28 0.00	180.35 8.26 0.00	170.61 6.33 0.00	197.55 6.91 -0.01	117.92 3.10 -2.19	98.31 2.25 -2.24	108.97 2.46 -1.99	90.91 2.30 -2.49	131.23 3.91 -0.19	159.28 6.40 0.00	179.77 8.34 0.00	172.53 6.92 0.00	159.47 2.02 0.00	154.61 -0.43 0.00	153.13 0.58 0.00	154.59 1.93 0.00	163.82 4.77 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	115.10 6.58 0.00	89.81 4.57 0.00	83.61 4.20 0.00	107.96 5.43 0.00	81.83 4.22 0.00	118.65 6.22 0.00	146.21 8.10 0.00	166.36 8.37 0.00	181.39 9.30 0.00	174.55 10.27 0.00	204.31 13.39 -0.29	201.33 8.14 -80.56	182.81 6.60 -82.39	185.11 7.43 -73.15	183.81 6.13 -91.56	143.22 9.06 -7.03	163.20 10.32 0.00	182.70 11.27 0.00	176.70 11.08 0.00	167.98 10.53 0.00	165.34 10.29 0.00	162.35 9.80 0.00	162.12 9.45 0.00	167.80 8.75 0.00

LUTHERNY_35_KV_BK2 355980	115.09 6.57 0.00	89.76 4.51 0.00	83.61 4.20 0.00	107.91 5.38 0.00	81.82 4.21 0.00	118.70 6.27 0.00	146.30 8.19 0.00	166.50 8.52 0.00	181.50 9.42 0.00	174.55 10.27 0.00	204.49 13.56 -0.29	201.42 8.23 -80.56	182.88 6.68 -82.39	185.18 7.51 -73.15	183.89 6.21 -91.56	143.25 9.09 -7.03	163.34 10.46 0.00	182.86 11.43 0.00	176.91 11.29 0.00	168.09 10.64 0.00	165.36 10.31 0.00	162.38 9.83 0.00	162.14 9.48 0.00	167.89 8.84 0.00
LWR___OSWEGATCHIE_HYD 23850	110.14 1.62 0.00	86.51 1.27 0.00	80.65 1.24 0.00	104.35 1.82 0.00	78.37 0.76 0.00	113.47 1.04 0.00	138.98 0.87 0.00	160.59 2.61 0.00	175.39 3.30 0.00	164.22 -0.07 0.00	190.16 -0.48 -0.01	112.81 -1.44 -1.63	94.96 -0.53 -1.67	105.21 -0.79 -1.48	87.23 -0.74 -1.85	126.40 -0.87 -0.14	153.91 1.04 0.00	174.22 2.80 0.00	167.50 1.88 0.00	156.42 -1.03 0.00	153.36 -1.69 0.00	151.99 -0.57 0.00	153.43 0.77 0.00	162.55 3.50 0.00
LYONS_FALL_HYD 23570	112.02 3.50 0.00	87.96 2.72 0.00	81.99 2.58 0.00	105.74 3.21 0.00	79.94 2.33 0.00	116.26 3.83 0.00	143.47 5.37 0.00	164.82 6.84 0.00	179.77 7.68 0.00	170.77 6.48 0.00	197.86 7.22 -0.01	118.22 3.54 -2.06	98.56 2.64 -2.10	109.29 2.91 -1.87	91.18 2.72 -2.34	131.66 4.36 -0.18	159.34 6.47 0.00	179.41 7.98 0.00	172.50 6.88 0.00	161.09 3.64 0.00	157.03 1.98 0.00	155.02 2.47 0.00	155.82 3.16 0.00	163.89 4.84 0.00
MADISON___COUNTY_LFGE 323628	112.10 3.59 0.00	88.12 2.87 0.00	82.03 2.62 0.00	105.77 3.24 0.00	80.16 2.54 0.00	116.44 4.00 0.00	143.52 5.41 0.00	164.33 6.34 0.00	179.21 7.12 0.00	171.12 6.83 0.00	198.22 7.58 -0.01	120.09 3.83 -3.64	100.38 2.84 -3.72	111.06 3.23 -3.30	93.47 3.22 -4.14	132.54 5.10 -0.32	159.53 6.65 0.00	178.69 7.26 0.00	172.40 6.78 0.00	163.21 5.76 0.00	160.17 5.12 0.00	157.36 4.81 0.00	157.30 4.63 0.00	163.78 4.73 0.00
MALONE___115KV_TB1 356076	110.28 1.77 0.00	86.65 1.41 0.00	80.76 1.35 0.00	104.34 1.81 0.00	78.80 1.19 0.00	114.17 1.74 0.00	139.90 1.80 0.00	161.65 3.67 0.00	176.44 4.35 0.00	166.03 1.74 0.00	191.25 0.62 0.00	111.69 -0.94 0.00	93.60 -0.22 0.00	103.91 -0.61 0.00	85.42 -0.69 0.00	126.50 -0.63 0.00	154.59 1.71 0.00	175.27 3.85 0.00	169.16 3.54 0.00	159.92 2.47 0.00	157.90 2.85 0.00	155.42 2.87 0.00	155.41 2.74 0.00	163.21 4.16 0.00
MAPLEWOD_115KV_TB3 80458	113.40 4.88 0.00	88.50 3.26 0.00	82.40 2.99 0.00	106.39 3.87 0.00	80.63 3.02 0.00	116.69 4.26 0.00	143.51 5.40 0.00	162.86 4.87 0.00	177.30 5.21 0.00	171.20 6.91 0.00	200.25 9.33 -0.29	197.25 5.96 -78.66	179.25 4.99 -80.44	181.59 5.65 -71.43	180.02 4.50 -89.40	140.37 6.38 -6.87	159.32 6.45 0.00	177.87 6.44 0.00	171.94 6.32 0.00	163.76 6.31 0.00	161.21 6.16 0.00	158.99 6.43 0.00	159.49 6.83 0.00	164.88 5.84 0.00
MAPLE_RIDGE_WT_1 323574	107.91 -0.61 0.00	84.93 -0.31 0.00	79.20 -0.21 0.00	102.41 -0.11 0.00	77.50 -0.11 0.00	112.31 -0.12 0.00	137.98 -0.12 0.00	158.09 0.11 0.00	172.24 0.14 0.00	163.95 -0.34 0.00	190.05 -0.58 0.00	112.08 -0.54 0.00	93.49 -0.34 0.00	104.11 -0.41 0.00	85.73 -0.39 0.00	126.42 -0.70 0.00	152.43 -0.44 0.00	171.29 -0.14 0.00	164.91 -0.71 0.00	155.16 -2.28 0.00	152.27 -2.77 0.00	149.70 -2.85 0.00	150.35 -2.31 0.00	157.60 -1.45 0.00
MAPLE_RIDGE_WT_2 323611	107.91 -0.61 0.00	84.93 -0.31 0.00	79.20 -0.21 0.00	102.41 -0.11 0.00	77.50 -0.11 0.00	112.31 -0.12 0.00	137.98 -0.12 0.00	158.09 0.11 0.00	172.24 0.14 0.00	163.95 -0.34 0.00	190.05 -0.58 0.00	112.08 -0.54 0.00	93.49 -0.34 0.00	104.11 -0.41 0.00	85.73 -0.39 0.00	126.42 -0.70 0.00	152.43 -0.44 0.00	171.29 -0.14 0.00	164.91 -0.71 0.00	155.16 -2.28 0.00	152.27 -2.77 0.00	149.70 -2.85 0.00	150.35 -2.31 0.00	157.60 -1.45 0.00
MARBLE_RIVER_WT_PWR 323696	108.05 -0.47 0.00	84.93 -0.31 0.00	79.10 -0.31 0.00	102.16 -0.37 0.00	77.36 -0.25 0.00	112.11 -0.32 0.00	137.78 -0.32 0.00	158.68 0.69 0.00	172.80 0.71 0.00	163.31 -0.98 0.00	188.36 -2.27 0.00	110.00 -2.62 0.00	91.73 -2.09 0.00	102.05 -2.47 0.00	83.77 -2.35 0.00	124.13 -3.00 0.00	151.28 -1.60 0.00	171.42 -0.01 0.00	165.64 0.02 0.00	156.65 -0.80 0.00	154.54 -0.51 0.00	151.99 -0.56 0.00	151.70 -0.96 0.00	158.94 -0.11 0.00
MARSHVLE_115KV_TB1 80742	114.72 6.20 0.00	90.35 5.11 0.00	84.13 4.72 0.00	108.54 6.01 0.00	82.18 4.56 0.00	119.36 6.93 0.00	147.12 9.02 0.00	169.31 11.32 0.00	184.23 12.15 0.00	174.98 10.70 0.00	202.00 11.03 -0.33	208.97 5.97 -90.38	190.70 4.46 -92.42	191.65 5.06 -82.07	193.54 4.71 -102.71	142.33 7.32 -7.89	163.46 10.58 0.00	184.06 12.63 0.00	177.74 12.12 0.00	168.40 10.95 0.00	165.18 10.13 0.00	162.13 9.59 0.00	161.64 8.97 0.00	168.47 9.42 0.00
MARSH_HILL_WT_PWR 323713	108.09 -0.42 0.00	84.43 -0.82 0.00	77.71 -1.70 0.00	98.72 -3.81 0.00	72.87 -4.74 0.00	104.33 -8.10 0.00	136.18 -11.62 -9.70	174.41 -14.21 -30.63	155.00 -14.91 2.18	154.03 -14.47 -4.21	200.70 -18.35 -28.41	48.00 -10.10 54.52	131.86 -10.09 -48.13	117.11 -9.72 -22.30	102.90 -8.05 -24.83	146.21 -10.26 -29.34	143.25 -9.62 0.00	161.43 -10.00 0.00	185.82 -10.60 -30.80	215.82 -11.72 -70.09	226.15 -11.95 -83.06	201.93 -14.11 -63.49	175.52 -14.35 -37.21	147.40 -11.65 0.00
MCINTYRE_115KV_TB2 80467	110.64 2.12 0.00	87.04 1.79 0.00	81.19 1.78 0.00	105.44 2.92 0.00	78.97 1.35 0.00	114.20 1.77 0.00	139.49 1.38 0.00	162.20 4.21 0.00	177.05 4.96 0.00	162.81 -1.48 0.00	186.89 -3.74 0.00	108.93 -3.70 0.00	92.52 -1.31 0.00	102.72 -1.80 0.00	84.37 -1.75 0.00	124.93 -2.20 0.00	153.27 0.40 0.00	174.77 3.34 0.00	168.57 2.95 0.00	159.21 1.77 0.00	157.69 2.64 0.00	155.58 3.03 0.00	156.12 3.45 0.00	165.02 5.97 0.00
MECO_____69_KV_BK1 80468	116.54 8.02 0.00	91.44 6.19 0.00	85.17 5.76 0.00	109.89 7.36 0.00	83.28 5.67 0.00	120.97 8.54 0.00	149.29 11.18 0.00	171.35 13.37 0.00	186.64 14.55 0.00	177.93 13.65 0.00	206.36 15.41 -0.32	208.38 8.75 -87.00	189.49 6.70 -88.97	191.00 7.48 -79.00	191.55 6.56 -98.88	145.01 10.28 -7.60	166.68 13.81 0.00	187.47 16.04 0.00	181.21 15.60 0.00	171.93 14.47 0.00	168.70 13.65 0.00	165.35 12.80 0.00	164.76 12.10 0.00	171.07 12.02 0.00
MENANDS___115KV_TB5 355628	112.98 4.46 0.00	88.16 2.92 0.00	82.09 2.68 0.00	106.00 3.47 0.00	80.34 2.73 0.00	116.23 3.80 0.00	142.87 4.76 0.00	162.00 4.01 0.00	176.25 4.16 0.00	170.27 5.98 0.00	199.22 8.30 -0.29	196.51 5.39 -78.49	178.62 4.53 -80.27	180.92 5.12 -71.28	179.33 4.01 -89.21	139.58 5.60 -6.85	158.20 5.33 0.00	176.52 5.09 0.00	170.60 4.98 0.00	162.50 5.05 0.00	160.00 4.95 0.00	157.97 5.42 0.00	158.68 6.02 0.00	164.09 5.04 0.00
MG INDUSTRY___DRP 24185	112.73 4.21 0.00	88.10 2.86 0.00	82.05 2.65 0.00	105.97 3.44 0.00	80.30 2.69 0.00	116.19 3.76 0.00	142.76 4.66 0.00	161.78 3.79 0.00	175.82 3.73 0.00	169.42 5.13 0.00	197.83 6.91 -0.28	194.76 4.53 -77.61	177.02 3.83 -79.36	179.33 4.34 -70.47	177.80 3.48 -88.20	138.94 5.03 -6.78	157.88 5.01 0.00	176.25 4.82 0.00	170.30 4.68 0.00	162.27 4.82 0.00	159.73 4.68 0.00	157.57 5.02 0.00	158.20 5.53 0.00	163.76 4.71 0.00

MID___OSWEGATCHIE_HYD 23849	110.14 1.62 0.00	86.51 1.27 0.00	80.65 1.24 0.00	104.35 1.82 0.00	78.37 0.76 0.00	113.47 1.04 0.00	138.98 0.87 0.00	160.59 2.61 0.00	175.39 3.30 0.00	164.22 -0.07 0.00	190.16 -0.48 -0.01	112.81 -1.44 -1.63	94.96 -0.53 -1.67	105.21 -0.79 -1.48	87.23 -0.74 -1.85	126.40 -0.87 -0.14	153.91 1.04 0.00	174.22 2.80 0.00	167.50 1.88 0.00	156.42 -1.03 0.00	153.36 -1.69 0.00	151.99 -0.57 0.00	153.43 0.77 0.00	162.55 3.50 0.00
MID___RAQUETTE_HYD 23851	108.83 0.31 0.00	85.55 0.30 0.00	79.78 0.37 0.00	103.55 1.02 0.00	77.44 -0.17 0.00	111.57 -0.87 0.00	135.71 -2.39 0.00	157.53 -0.46 0.00	172.12 0.03 0.00	159.61 -4.68 0.00	184.67 -5.96 0.00	107.71 -4.91 0.00	91.48 -2.34 0.00	101.62 -2.90 0.00	83.48 -2.63 0.00	122.92 -4.21 0.00	149.96 -2.92 0.00	170.10 -1.33 0.00	163.88 -1.74 0.00	154.55 -2.90 0.00	153.23 -1.82 0.00	151.71 -0.84 0.00	152.93 0.26 0.00	161.92 2.87 0.00
MILLIKEN___1 23584	110.73 2.21 0.00	87.00 1.76 0.00	80.93 1.52 0.00	104.19 1.66 0.00	78.90 1.29 0.00	114.44 2.00 0.00	144.34 2.60 -3.63	168.37 2.96 -7.41	178.44 3.58 -2.77	168.03 3.43 -0.30	201.04 3.19 -7.22	240.14 2.04 -125.48	121.80 1.26 -26.72	171.61 1.65 -65.44	132.91 1.52 -45.27	135.69 2.51 -6.05	156.12 3.25 0.00	175.44 4.01 0.00	172.01 4.15 -2.24	179.40 4.12 -17.83	172.34 3.31 -13.98	189.59 2.56 -34.49	181.90 2.06 -27.17	161.04 1.99 0.00
MILLIKEN___2 23585	110.73 2.21 0.00	87.00 1.76 0.00	80.93 1.52 0.00	104.19 1.66 0.00	78.90 1.29 0.00	114.44 2.00 0.00	144.34 2.60 -3.63	168.37 2.96 -7.41	178.44 3.58 -2.77	168.03 3.43 -0.30	201.04 3.19 -7.22	240.14 2.04 -125.48	121.80 1.26 -26.72	171.61 1.65 -65.44	132.91 1.52 -45.27	135.69 2.51 -6.05	156.12 3.25 0.00	175.44 4.01 0.00	172.01 4.15 -2.24	179.40 4.12 -17.83	172.34 3.31 -13.98	189.59 2.56 -34.49	181.90 2.06 -27.17	161.04 1.99 0.00
MILLIKEN___DIESEL 23629	110.73 2.21 0.00	87.00 1.76 0.00	80.93 1.52 0.00	104.19 1.66 0.00	78.90 1.29 0.00	114.44 2.00 0.00	144.34 2.60 -3.63	168.37 2.96 -7.41	178.44 3.58 -2.77	168.03 3.43 -0.30	201.04 3.19 -7.22	240.14 2.04 -125.48	121.80 1.26 -26.72	171.61 1.65 -65.44	132.91 1.52 -45.27	135.69 2.51 -6.05	156.12 3.25 0.00	175.44 4.01 0.00	172.01 4.15 -2.24	179.40 4.12 -17.83	172.34 3.31 -13.98	189.59 2.56 -34.49	181.90 2.06 -27.17	161.04 1.99 0.00
MILLSEAT___LFGE 323607	103.02 -5.50 0.00	80.99 -4.25 0.00	74.87 -4.54 0.00	95.82 -6.70 0.00	72.70 -4.92 0.00	105.34 -7.09 0.00	125.83 -9.65 2.63	140.09 -11.12 6.78	160.79 -10.62 0.68	153.30 -10.29 0.69	170.44 -13.77 6.42	83.09 -8.05 21.48	85.69 -7.71 0.42	83.31 -8.76 12.45	76.76 -7.18 2.17	111.96 -10.28 4.88	140.75 -12.12 0.00	158.04 -13.40 -0.01	148.56 -12.52 4.54	128.98 -12.48 15.99	125.11 -13.54 16.39	117.16 -14.48 20.91	123.59 -14.36 14.72	147.53 -11.52 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	115.95 7.44 0.00	90.14 4.89 0.00	83.81 4.39 0.00	108.43 5.90 0.00	82.32 4.70 0.00	119.06 6.63 0.00	146.48 8.37 0.00	165.80 7.82 0.00	179.91 7.82 0.00	174.20 9.92 0.00	203.28 12.42 -0.23	184.53 8.49 -63.41	166.13 7.46 -64.84	170.36 8.26 -57.58	165.27 7.09 -72.07	161.40 10.39 -23.88	166.14 11.39 -1.88	182.41 10.97 0.00	176.62 11.00 0.00	169.06 0.00 0.00	166.18 11.14 0.00	163.23 10.68 0.00	163.24 10.58 0.00	167.35 8.30 0.00
MILLWOOD_13_KV_LOAD 356217	116.14 7.63 0.00	90.28 5.03 0.00	83.95 4.54 0.00	108.58 6.05 0.00	82.44 4.83 0.00	119.23 6.80 0.00	146.72 8.61 0.00	166.09 8.11 0.00	180.24 8.15 0.00	174.49 10.20 0.00	203.60 12.74 -0.23	184.73 8.70 -63.41	166.30 7.63 -64.84	170.56 8.46 -57.58	165.43 7.25 -72.07	161.62 10.61 -23.88	166.43 11.68 -1.88	182.76 11.33 0.00	176.97 11.35 0.00	169.38 11.93 0.00	166.48 11.43 0.00	163.53 10.98 0.00	163.50 10.83 0.00	167.60 8.55 0.00
MODEL_CITY_ENERGY 24167	99.24 -9.28 0.00	78.11 -7.13 0.00	72.18 -7.23 0.00	92.22 -10.31 0.00	69.91 -7.70 0.00	101.15 -11.29 0.00	119.48 -15.25 3.38	131.16 -17.96 8.86	153.17 -18.15 0.76	145.76 -17.60 0.93	159.80 -22.45 8.38	74.31 -12.78 25.54	79.94 -11.30 2.58	75.45 -12.74 16.33	71.41 -10.47 4.23	104.89 -15.62 6.62	133.49 -19.39 0.00	149.20 -22.23 0.00	138.01 -21.17 6.44	115.90 -20.68 20.87	111.97 -21.42 21.66	104.10 -21.97 26.48	112.74 -21.46 18.47	140.92 -18.13 0.00
MODERN_LFGE___ 323580	99.24 -9.28 0.00	78.11 -7.13 0.00	72.18 -7.23 0.00	92.22 -10.31 0.00	69.91 -7.70 0.00	101.15 -11.29 0.00	119.48 -15.25 3.38	131.16 -17.96 8.86	153.17 -18.15 0.76	145.76 -17.60 0.93	159.80 -22.45 8.38	74.31 -12.78 25.54	79.94 -11.30 2.58	75.45 -12.74 16.33	71.41 -10.47 4.23	104.89 -15.62 6.62	133.49 -19.39 0.00	149.20 -22.23 0.00	138.01 -21.17 6.44	115.90 -20.68 20.87	111.97 -21.42 21.66	104.10 -21.97 26.48	112.74 -21.46 18.47	140.92 -18.13 0.00
MOHAWK_PAPER___DRP 24187	113.40 4.88 0.00	88.50 3.26 0.00	82.40 2.99 0.00	106.39 3.87 0.00	80.63 3.02 0.00	116.69 4.26 0.00	143.51 5.40 0.00	162.86 4.87 0.00	177.30 5.21 0.00	171.20 6.91 0.00	200.25 9.33 -0.29	197.25 5.96 -78.66	179.25 4.99 -80.44	181.59 5.65 -71.43	180.02 4.50 -89.40	140.37 6.38 -6.87	159.32 6.45 0.00	177.87 6.44 0.00	171.94 6.32 0.00	163.76 6.31 0.00	161.21 6.16 0.00	158.99 6.43 0.00	159.49 6.83 0.00	164.88 5.84 0.00
MOHICAN___35_KV_115KV_LD 80490	116.31 7.80 0.00	90.66 5.42 0.00	84.45 5.04 0.00	109.00 6.47 0.00	82.73 5.12 0.00	119.98 7.55 0.00	148.17 10.06 0.00	168.77 10.78 0.00	184.38 12.29 0.00	177.60 13.31 0.00	208.10 17.17 -0.30	203.43 10.16 -80.64	184.41 8.12 -82.47	186.82 9.07 -73.23	185.25 7.48 -91.65	145.27 11.10 -7.04	165.87 13.00 0.00	185.98 14.55 0.00	179.90 14.29 0.00	170.76 13.31 0.00	168.19 13.14 0.00	165.08 12.52 0.00	164.37 11.70 0.00	170.03 10.97 0.00
MONGAUP___HYD 23641	115.38 6.86 0.00	89.84 4.60 0.00	83.57 4.16 0.00	107.99 5.46 0.00	81.90 4.29 0.00	118.46 6.02 0.00	144.64 6.53 0.00	164.24 6.25 0.00	178.51 6.42 0.00	172.63 8.34 0.00	203.02 12.17 -0.21	178.69 7.84 -58.22	160.02 6.66 -59.54	164.69 7.31 -52.87	157.90 5.62 -66.17	125.80 8.13 9.46	160.70 9.31 1.49	180.97 9.54 0.00	175.14 9.53 0.00	167.35 9.89 0.00	164.55 9.50 0.00	161.51 8.96 0.00	161.35 8.68 0.00	165.88 6.84 0.00
MONTAUK___DIESEL 23721	113.32 9.30 4.50	87.27 6.41 4.38	91.01 6.10 -5.50	115.32 8.08 -4.70	88.35 6.57 -4.17	125.27 9.87 -2.97	149.56 12.00 0.55	163.79 9.68 3.87	161.43 9.68 20.33	162.16 11.89 14.02	192.49 15.48 13.62	174.70 11.11 -50.97	160.35 10.36 -56.16	161.92 11.17 -46.22	159.29 10.10 -63.08	160.15 15.42 -17.61	163.34 18.12 7.65	178.01 19.70 13.13	171.41 17.38 11.59	167.06 18.15 8.54	165.89 18.60 7.76	163.94 18.71 7.32	158.96 18.60 12.30	162.09 15.60 12.57
MOONROAD_115KV_HARTFLD_TB1-2 355988	102.41 -6.12 0.00	80.24 -5.01 0.00	73.62 -5.78 0.00	94.15 -8.38 0.00	70.53 -7.08 0.00	102.73 -9.70 0.00	122.42 -11.86 3.83	134.71 -13.40 9.87	158.91 -12.15 1.02	151.80 -11.50 0.99	165.73 -15.55 9.35	68.35 -9.50 34.77	81.40 -9.70 2.72	74.34 -9.87 20.31	72.54 -8.03 5.55	108.43 -11.48 7.22	138.23 -14.65 0.00	153.74 -17.69 0.00	141.49 -16.85 7.28	117.25 -16.93 23.27	113.98 -17.26 23.80	104.18 -18.15 30.22	113.36 -17.94 21.36	144.28 -14.77 0.00

MORRIS_RIDGE___SOLAR 323848	105.34 -3.17 0.00	82.43 -2.82 0.00	75.99 -3.42 0.00	96.86 -5.67 0.00	72.43 -5.18 0.00	104.44 -7.99 0.00	108.20 -11.27 18.63	92.22 -13.50 52.26	157.63 -13.02 1.43	145.25 -12.94 6.09	124.98 -16.61 49.04	28.97 -9.74 73.91	29.09 -9.10 55.63	4.51 -9.57 90.44	28.27 -7.76 50.08	71.68 -10.79 44.65	141.40 -11.47 0.00	158.75 -12.68 0.00	108.12 -12.91 44.59	21.57 -12.67 123.21	8.64 -12.60 133.81	1.13 -13.87 137.54	47.25 -13.86 91.55	146.95 -12.10 0.00
MORTIMER_115KV_TB3 55949	105.03 -3.49 0.00	82.57 -2.68 0.00	76.57 -2.84 0.00	98.21 -4.32 0.00	74.44 -3.17 0.00	107.88 -4.55 0.00	131.44 -6.19 0.48	150.03 -7.17 0.78	164.92 -6.66 0.51	157.98 -6.32 -0.01	181.33 -8.52 0.78	94.87 -5.09 12.66	95.18 -4.82 -6.18	97.09 -5.34 2.09	85.43 -4.35 -3.67	121.05 -6.32 -0.25	145.72 -7.16 0.00	163.27 -8.16 0.00	157.90 -7.87 -0.15	147.46 -7.96 2.03	145.45 -8.43 1.16	138.46 -9.28 4.81	139.18 -9.45 4.04	151.32 -7.73 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	116.66 8.14 0.00	90.64 5.40 0.00	84.27 4.86 0.00	109.07 6.54 0.00	82.84 5.23 0.00	119.85 7.42 0.00	147.51 9.41 0.00	166.96 8.97 0.00	181.09 8.99 0.00	175.59 11.30 0.00	204.87 14.01 -0.23	185.87 9.53 -63.72	167.38 8.40 -65.16	171.60 9.22 -57.86	166.41 7.88 -72.42	161.53 11.64 -22.76	167.46 12.83 -1.76	183.75 12.31 0.00	178.03 12.41 0.00	170.43 12.98 0.00	167.46 12.41 0.00	164.48 11.93 0.00	164.53 11.86 0.00	168.38 9.33 0.00
MUNSVILLE_WIND_PWR 323609	117.80 9.28 0.00	92.87 7.62 0.00	86.70 7.29 0.00	111.86 9.33 0.00	85.10 7.49 0.00	124.50 12.07 0.00	156.45 16.33 -2.01	182.08 19.75 -4.35	195.24 21.76 -1.39	184.03 19.53 -0.22	215.49 20.70 -4.17	200.79 11.44 -76.73	130.70 8.87 -28.00	161.58 10.32 -46.74	133.77 8.46 -39.20	146.25 14.36 -4.77	170.95 18.07 0.00	191.14 19.71 0.00	187.50 20.30 -1.59	187.35 19.25 -10.64	181.29 17.57 -8.67	187.02 15.28 -19.19	181.84 14.37 -14.80	172.81 13.76 0.00
N SALMON___HYD 24042	110.28 1.77 0.00	86.65 1.41 0.00	80.76 1.35 0.00	104.34 1.81 0.00	78.80 1.19 0.00	114.17 1.74 0.00	139.91 1.81 0.00	161.65 3.66 0.00	176.44 4.34 0.00	166.03 1.75 0.00	191.24 0.61 0.00	111.71 -0.91 0.00	93.58 -0.24 0.00	103.92 -0.60 0.00	85.42 -0.69 0.00	126.50 -0.62 0.00	154.59 1.71 0.00	175.28 3.84 0.00	169.17 3.55 0.00	159.91 2.46 0.00	157.90 2.85 0.00	155.41 2.86 0.00	155.40 2.74 0.00	163.21 4.15 0.00
N.AKRON__115KV_KNAPP 355671	102.19 -6.32 0.00	80.37 -4.87 0.00	74.29 -5.12 0.00	95.03 -7.50 0.00	72.08 -5.53 0.00	104.39 -8.04 0.00	124.34 -10.97 2.80	137.94 -12.79 7.25	159.11 -12.28 0.69	151.54 -12.00 0.75	167.99 -15.77 6.87	81.23 -9.12 22.27	84.38 -8.51 0.93	81.72 -9.51 13.29	75.59 -7.89 2.64	110.16 -11.69 5.28	139.17 -13.70 0.00	155.98 -15.46 -0.01	145.99 -14.72 4.90	125.69 -14.66 17.10	121.98 -15.47 17.60	114.00 -16.33 22.21	120.95 -16.12 15.59	146.05 -13.00 0.00
N.BELMOR_69_KV_BK1 55787	133.33 10.56 -14.26	114.66 7.29 -22.13	117.08 6.77 -30.90	138.65 8.94 -27.18	108.07 7.04 -23.42	139.14 10.02 -16.69	158.58 12.47 -8.01	173.56 10.95 -4.62	184.15 11.05 -1.02	199.66 13.38 -21.99	247.26 16.69 -39.94	225.96 11.42 -101.92	211.27 10.33 -107.12	222.42 11.28 -106.62	211.95 9.73 -116.10	208.80 14.34 -67.34	205.33 15.76 -36.70	224.68 15.63 -37.63	213.91 15.08 -33.21	208.63 15.80 -35.37	221.54 15.41 -51.08	211.91 15.03 -44.33	203.13 14.95 -35.51	206.90 11.83 -36.02
N.E_GEN_SANDY PD 24062	114.32 5.81 0.00	88.99 3.74 0.00	82.78 3.37 0.00	104.53 4.37 2.37	82.60 3.46 -1.54	117.17 4.74 0.00	144.56 5.93 -0.53	163.18 5.12 -0.08	177.96 5.44 -0.42	161.42 7.52 10.39	202.41 10.60 -1.18	188.71 7.02 -69.08	173.21 5.92 -73.46	177.77 6.71 -66.54	175.69 5.62 -83.95	142.19 7.88 -7.18	160.42 8.31 0.76	179.65 8.22 0.00	173.77 8.15 0.00	162.82 8.13 2.77	168.16 8.10 -5.02	160.39 7.84 0.00	160.37 7.70 0.00	161.57 6.34 3.82
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	115.56 7.04 0.00	89.86 4.61 0.00	83.54 4.13 0.00	108.07 5.54 0.00	82.05 4.44 0.00	118.63 6.20 0.00	145.97 7.86 0.00	165.25 7.27 0.00	179.19 7.10 0.00	173.41 9.12 0.00	202.14 11.29 -0.22	181.85 7.92 -61.31	163.49 6.97 -62.69	167.94 7.75 -55.67	162.45 6.66 -69.68	118.92 9.72 17.92	161.17 10.69 2.39	181.60 10.17 0.00	175.85 10.23 0.00	168.42 10.97 0.00	165.60 10.55 0.00	162.63 10.08 0.00	162.63 9.97 0.00	166.77 7.71 0.00
N.QUEENS_27_KV_LOAD 356247	117.08 8.57 0.00	90.89 5.64 0.00	84.61 5.20 0.00	109.45 6.92 0.00	83.24 5.62 0.00	120.35 7.91 0.00	148.21 10.11 0.00	167.71 9.72 0.00	181.68 9.59 0.00	175.85 11.56 0.00	205.75 14.88 -0.23	186.24 9.89 -63.72	167.58 8.60 -65.16	171.80 9.42 -57.86	166.71 8.17 -72.42	161.87 11.96 -22.79	167.79 13.14 -1.77	184.17 12.74 0.00	178.33 12.70 -0.01	170.71 13.25 -0.01	168.00 12.94 -0.01	165.10 12.54 -0.01	165.31 12.64 -0.01	168.74 9.69 0.00
N.TROY___115KV_TB1 355778	113.62 5.11 0.00	88.61 3.36 0.00	82.48 3.07 0.00	106.49 3.96 0.00	80.71 3.10 0.00	116.83 4.40 0.00	143.74 5.63 0.00	163.24 5.25 0.00	177.85 5.76 0.00	171.63 7.34 0.00	201.12 10.19 -0.29	198.14 6.40 -79.12	179.98 5.25 -80.91	182.32 5.95 -71.85	180.89 4.86 -89.92	141.01 6.97 -6.91	160.29 7.42 0.00	179.10 7.67 0.00	173.11 7.49 0.00	164.71 7.26 0.00	162.29 7.24 0.00	159.62 7.07 0.00	159.66 7.00 0.00	165.19 6.14 0.00
NARROWS_GT1_1 24228	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT1_2 24229	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT1_3 24230	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT1_4 24231	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40

NARROWS_GT1_5 24232	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT1_6 24233	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT1_7 24234	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT1_8 24235	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT2_1 24236	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	420.66 13.78 -235.46	1982.45 14.49 -1802.34	1638.37 14.88 -1466.04	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT2_2 24237	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	420.66 13.78 -235.46	1982.45 14.49 -1802.34	1638.37 14.88 -1466.04	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT2_3 24238	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	420.66 13.78 -235.46	1982.45 14.49 -1802.34	1638.37 14.88 -1466.04	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT2_4 24239	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	420.66 13.78 -235.46	1982.45 14.49 -1802.34	1638.37 14.88 -1466.04	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT2_5 24240	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	420.66 13.78 -235.46	1982.45 14.49 -1802.34	1638.37 14.88 -1466.04	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT2_6 24241	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	420.66 13.78 -235.46	1982.45 14.49 -1802.34	1638.37 14.88 -1466.04	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT2_7 24242	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	420.66 13.78 -235.46	1982.45 14.49 -1802.34	1638.37 14.88 -1466.04	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NARROWS_GT2_8 24243	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	420.66 13.78 -235.46	1982.45 14.49 -1802.34	1638.37 14.88 -1466.04	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	115.58 7.07 0.00	90.31 5.06 0.00	84.09 4.68 0.00	108.61 6.08 0.00	82.27 4.66 0.00	119.27 6.83 0.00	146.69 8.58 0.00	167.18 9.19 0.00	182.78 10.69 0.00	176.24 11.95 0.00	205.52 14.62 -0.27	195.28 8.60 -74.06	176.59 7.03 -75.74	179.77 8.00 -67.25	176.67 6.38 -84.17	142.82 9.23 -6.47	162.74 9.86 0.00	182.11 10.68 0.00	175.93 10.31 0.00	167.42 9.97 0.00	164.69 9.64 0.00	162.34 9.79 0.00	162.84 10.18 0.00	168.48 9.43 0.00
NCHELSEA_115KV_TR2 355582	116.70 8.18 0.00	90.77 5.53 0.00	84.42 5.01 0.00	109.13 6.60 0.00	82.82 5.21 0.00	119.84 7.41 0.00	147.47 9.36 0.00	167.15 9.16 0.00	181.71 9.62 0.00	175.66 11.37 0.00	205.21 14.34 -0.23	186.02 9.43 -63.97	167.39 8.15 -65.41	171.67 9.07 -58.08	166.52 7.70 -72.70	143.96 11.25 -5.58	165.45 12.57 0.00	184.32 12.89 0.00	178.50 12.88 0.00	170.59 13.14 0.00	167.68 12.64 0.00	164.66 12.11 0.00	164.53 11.86 0.00	168.93 9.87 0.00
NEG CAPITAL___MECHNVIL 23645	115.31 6.79 0.00	89.92 4.68 0.00	83.75 4.34 0.00	108.11 5.58 0.00	81.94 4.33 0.00	118.77 6.33 0.00	146.36 8.25 0.00	166.55 8.56 0.00	181.54 9.45 0.00	174.89 10.60 0.00	204.77 13.85 -0.29	201.18 8.44 -80.12	182.59 6.83 -81.93	184.98 7.71 -72.75	183.53 6.35 -91.06	143.48 9.35 -6.99	163.54 10.66 0.00	183.05 11.62 0.00	177.03 11.41 0.00	168.28 10.83 0.00	165.65 10.60 0.00	162.65 10.09 0.00	162.41 9.74 0.00	168.02 8.97 0.00

NEG CENTRAL_HIGH_ACRES 23767	103.95 -4.57 0.00	81.79 -3.45 0.00	75.90 -3.51 0.00	97.40 -5.12 0.00	73.81 -3.80 0.00	107.07 -5.36 0.00	130.79 -6.95 0.37	149.39 -7.96 0.63	164.00 -7.72 0.37	157.07 -7.22 0.00	180.58 -9.43 0.63	99.62 -5.54 7.46	95.03 -5.14 -6.34	98.74 -5.77 0.01	86.17 -4.62 -4.67	120.70 -6.70 -0.28	145.07 -7.81 0.00	162.70 -8.73 0.00	157.19 -8.43 0.00	147.45 -8.33 1.67	144.98 -9.02 1.04	139.13 -9.79 3.63	139.61 -10.02 3.03	150.24 -8.81 0.00
NEG CENTRAL___DRP 24199	108.17 -0.34 0.00	84.99 -0.25 0.00	79.00 -0.41 0.00	101.51 -1.02 0.00	76.64 -0.97 0.00	111.09 -1.35 0.00	136.85 -1.80 -0.54	157.92 -2.33 -2.27	169.48 -2.02 0.59	163.31 -1.38 -0.40	190.39 -2.31 -2.07	97.57 -1.56 13.49	102.28 -1.85 -10.30	103.69 -2.13 -1.30	90.72 -1.61 -6.21	127.88 -2.25 -3.00	150.78 -2.09 0.00	169.57 -1.86 0.00	166.75 -1.81 -2.94	160.45 -1.88 -4.88	159.22 -2.62 -6.79	151.46 -3.38 -2.28	149.23 -3.85 -0.42	155.51 -3.54 0.00
NEG CENTRAL___INDECK 23768	106.67 -1.85 0.00	83.83 -1.42 0.00	77.48 -1.93 0.00	98.80 -3.73 0.00	74.48 -3.13 0.00	107.85 -4.59 0.00	141.62 -7.40 -10.92	181.83 -9.31 -33.16	162.22 -8.57 1.30	160.24 -8.38 -4.33	211.77 -9.72 -30.86	86.41 -5.41 20.80	138.05 -6.46 -50.69	136.44 -6.24 -38.16	113.86 -4.97 -32.71	151.78 -6.30 -30.95	147.10 -5.78 0.00	165.16 -6.27 0.00	190.90 -6.40 -31.69	227.90 -5.95 -76.40	241.86 -1.32 -88.13	223.15 -4.17 -74.77	193.89 -4.83 -46.05	156.19 -2.86 0.00
NEG CENTRAL___SENECA 23627	108.41 -0.10 0.00	85.12 -0.13 0.00	79.06 -0.35 0.00	101.52 -1.01 0.00	76.50 -1.11 0.00	110.88 -1.55 0.00	136.60 -2.20 -0.69	158.41 -2.88 -3.30	168.49 -2.48 1.12	163.12 -1.81 -0.64	190.75 -2.86 -2.98	77.90 -2.08 32.64	103.01 -2.47 -11.65	96.99 -2.78 4.76	87.42 -2.24 -3.54	128.33 -3.07 -4.27	150.17 -2.70 0.00	168.87 -2.56 0.00	167.73 -2.58 -4.69	161.82 -2.66 -7.03	162.10 -3.32 -10.37	150.00 -4.40 -1.84	147.10 -4.77 0.80	154.89 -4.16 0.00
NEG CENTRAL___STATE_STREET 24147	108.70 0.18 0.00	85.55 0.31 0.00	79.61 0.20 0.00	102.38 -0.15 0.00	77.53 -0.08 0.00	112.40 -0.03 0.00	138.42 -0.01 -0.33	158.54 -0.04 -0.59	172.80 0.38 -0.33	165.05 0.77 0.00	191.16 -0.07 -0.60	134.02 0.18 -21.22	103.08 -0.24 -9.49	117.34 -0.28 -13.10	98.57 0.04 -12.41	128.31 0.17 -1.01	152.83 -0.04 0.00	172.12 0.69 0.00	166.53 0.91 0.00	159.75 0.96 -1.34	155.67 -0.21 -0.84	155.57 -0.39 -3.41	154.15 -1.28 -2.77	157.74 -1.31 0.00
NEG MILLWOOD___DRP 24198	117.52 9.01 0.00	91.42 6.18 0.00	84.99 5.58 0.00	109.91 7.38 0.00	83.45 5.84 0.00	120.83 8.40 0.00	148.73 10.63 0.00	168.61 10.62 0.00	183.23 11.14 0.00	177.28 13.00 0.00	206.99 16.12 -0.24	187.58 10.54 -64.42	168.82 9.12 -65.88	173.08 10.06 -58.50	167.88 8.55 -73.22	151.13 12.57 -11.43	167.61 14.14 -0.60	185.68 14.25 0.00	179.85 14.23 0.00	171.95 14.50 0.00	169.00 13.96 0.00	165.92 13.37 0.00	165.76 13.10 0.00	170.05 11.00 0.00
NEG NORTH_FLCN_SEA 23793	109.55 1.04 0.00	86.09 0.84 0.00	80.17 0.76 0.00	103.50 0.97 0.00	78.45 0.84 0.00	113.52 1.09 0.00	140.02 1.91 0.00	161.03 3.05 0.00	175.46 3.37 0.00	166.18 1.89 0.00	191.59 0.96 0.00	111.56 -1.07 0.00	92.89 -0.93 0.00	103.33 -1.19 0.00	84.21 -1.91 0.00	124.56 -2.57 0.00	151.93 -0.95 0.00	172.40 0.97 0.00	167.05 1.44 0.00	157.80 0.35 0.00	155.47 0.42 0.00	152.83 0.28 0.00	152.29 -0.38 0.00	159.25 0.19 0.00
NEG NORTH_KES_CHATEGAY 23792	108.24 -0.28 0.00	85.13 -0.11 0.00	79.31 -0.10 0.00	102.42 -0.11 0.00	77.55 -0.06 0.00	112.45 0.02 0.00	138.05 -0.06 0.00	159.19 1.20 0.00	173.37 1.28 0.00	163.63 -0.65 0.00	188.35 -2.29 0.00	109.91 -2.72 0.00	91.74 -2.08 0.00	101.98 -2.54 0.00	83.82 -2.30 0.00	124.28 -2.85 0.00	151.74 -1.13 0.00	172.04 0.61 0.00	166.18 0.56 0.00	157.21 -0.25 0.00	155.05 0.00 0.00	152.50 -0.05 0.00	152.20 -0.47 0.00	159.55 0.50 0.00
NEG NORTH___ALICE_FALLS 23915	110.22 1.70 0.00	86.57 1.33 0.00	80.61 1.21 0.00	104.05 1.52 0.00	78.86 1.25 0.00	114.28 1.85 0.00	140.77 2.66 0.00	162.06 4.08 0.00	176.55 4.46 0.00	167.09 2.80 0.00	192.38 1.75 0.00	112.03 -0.60 0.00	93.34 -0.48 0.00	103.84 -0.69 0.00	84.98 -1.14 0.00	125.94 -1.19 0.00	153.75 0.88 0.00	174.51 3.08 0.00	168.97 3.36 0.00	159.64 2.19 0.00	157.36 2.31 0.00	154.61 2.06 0.00	154.04 1.38 0.00	161.13 2.08 0.00
NEG NORTH___LWR_SARANAC 23913	110.22 1.70 0.00	86.57 1.33 0.00	80.61 1.21 0.00	104.05 1.52 0.00	78.86 1.25 0.00	114.28 1.85 0.00	140.77 2.66 0.00	162.06 4.08 0.00	176.55 4.46 0.00	167.09 2.80 0.00	192.38 1.75 0.00	112.03 -0.60 0.00	93.34 -0.48 0.00	103.84 -0.69 0.00	84.98 -1.14 0.00	125.94 -1.19 0.00	153.75 0.88 0.00	174.51 3.08 0.00	168.97 3.36 0.00	159.64 2.19 0.00	157.36 2.31 0.00	154.61 2.06 0.00	154.04 1.38 0.00	161.13 2.08 0.00
NEG NORTH___PLATTSBURG 23628	110.22 1.70 0.00	86.57 1.33 0.00	80.62 1.20 0.00	104.05 1.52 0.00	78.86 1.25 0.00	114.28 1.85 0.00	140.76 2.66 0.00	162.06 4.07 0.00	176.55 4.46 0.00	167.08 2.80 0.00	192.36 1.73 0.00	112.06 -0.56 0.00	93.34 -0.49 0.00	103.84 -0.68 0.00	84.98 -1.13 0.00	125.93 -1.19 0.00	153.76 0.89 0.00	174.51 3.08 0.00	168.97 3.36 0.00	159.64 2.19 0.00	157.36 2.31 0.00	154.61 2.06 0.00	154.04 1.38 0.00	161.13 2.08 0.00
NEG WEST_LEA_LOCKPORT 23791	99.61 -8.90 0.00	78.37 -6.87 0.00	72.41 -7.00 0.00	92.53 -10.00 0.00	70.11 -7.50 0.00	101.44 -10.99 0.00	118.14 -14.97 5.00	127.02 -17.57 13.39	153.68 -17.43 0.98	145.92 -16.94 1.42	156.47 -21.55 12.61	64.47 -12.43 35.72	75.28 -11.13 7.42	66.56 -12.34 25.62	66.59 -10.25 9.27	101.47 -15.28 10.37	134.48 -18.39 0.00	150.28 -21.12 0.04	132.36 -20.20 13.06	105.77 -19.82 31.86	101.30 -20.39 33.35	94.38 -21.06 37.11	106.26 -20.64 25.76	141.71 -17.34 0.00
NEG WEST___LANCASTER 23811	102.67 -5.85 0.00	80.63 -4.61 0.00	74.50 -4.91 0.00	95.36 -7.17 0.00	72.01 -5.60 0.00	104.20 -8.23 0.00	123.17 -11.07 3.86	135.20 -12.80 9.98	158.15 -12.94 1.00	150.79 -12.48 1.01	165.97 -15.21 9.46	69.88 -9.09 33.65	82.60 -8.67 2.55	75.82 -9.04 19.67	73.26 -7.83 5.02	108.92 -10.91 7.29	139.74 -13.13 0.00	156.10 -15.33 0.00	143.61 -14.59 7.42	120.10 -13.95 23.40	116.94 -14.04 24.07	107.55 -14.67 30.34	117.64 -13.63 21.39	147.33 -11.72 0.00
NEG_PENN_ALLEGHNY 23528	109.49 0.97 0.00	85.86 0.61 0.00	79.77 0.36 0.00	102.76 0.23 0.00	77.71 0.09 0.00	112.58 0.15 0.00	137.65 -0.03 0.43	157.11 -0.40 0.48	171.47 -0.19 0.43	164.49 0.20 0.00	190.07 0.11 0.67	115.77 -0.24 -3.38	114.09 -0.26 -20.53	119.09 -0.21 -14.77	108.38 0.09 -22.17	129.33 0.42 -1.79	153.36 0.48 0.00	171.69 0.26 0.00	165.78 0.16 0.00	157.92 0.47 0.00	155.27 0.23 0.00	149.42 -0.38 2.75	149.53 -0.43 2.71	158.50 -0.55 0.00
NEG___GEN_MONROE 24207	105.47 -3.05 0.00	82.92 -2.33 0.00	76.84 -2.57 0.00	98.53 -4.00 0.00	74.69 -2.92 0.00	108.29 -4.14 0.00	132.00 -5.62 0.48	150.73 -6.49 0.76	165.73 -5.84 0.52	158.80 -5.50 -0.02	182.20 -7.67 0.77	95.03 -4.65 12.94	95.48 -4.60 -6.26	97.26 -5.12 2.14	85.58 -4.21 -3.68	121.28 -6.12 -0.28	146.19 -6.69 0.00	164.06 -7.37 0.00	158.80 -7.02 -0.20	148.25 -7.21 1.99	146.08 -7.87 1.10	138.92 -8.80 4.84	139.59 -9.00 4.07	152.03 -7.02 0.00

NEPA__ENERGY 23901	102.57 -5.95 0.00	80.40 -4.85 0.00	74.06 -5.35 0.00	94.58 -7.95 0.00	71.39 -6.22 0.00	103.48 -8.95 0.00	121.50 -11.78 4.83	131.44 -13.69 12.86	158.19 -12.95 0.94	150.41 -12.50 1.38	162.09 -16.41 12.14	68.96 -9.78 33.89	77.59 -9.34 6.90	70.41 -9.96 24.15	69.49 -8.17 8.45	105.25 -11.90 9.97	138.46 -14.41 0.00	154.43 -17.00 0.00	139.33 -16.21 10.08	111.16 -15.99 30.30	106.80 -16.48 31.77	97.95 -17.42 37.18	109.99 -16.95 25.72	145.05 -14.00 0.00
NEVERSINK__HYD 23608	114.39 5.87 0.00	89.14 3.90 0.00	82.93 3.52 0.00	107.23 4.70 0.00	81.33 3.71 0.00	117.82 5.39 0.00	145.14 7.03 0.00	164.82 6.83 0.00	179.22 7.13 0.00	172.92 8.63 0.00	201.67 10.82 -0.21	177.79 7.23 -57.94	159.23 6.16 -59.25	163.99 6.86 -52.61	157.85 5.89 -65.85	136.42 8.67 -0.63	162.37 9.95 0.45	181.47 10.04 0.00	175.76 10.14 0.00	167.96 10.51 0.00	165.08 10.03 0.00	161.96 9.41 0.00	161.72 9.05 0.00	166.26 7.22 0.00
NEWKRMKL_115KV_TB1 55635	112.85 4.34 0.00	88.11 2.86 0.00	82.05 2.64 0.00	105.96 3.43 0.00	80.27 2.66 0.00	116.17 3.74 0.00	142.80 4.69 0.00	161.88 3.89 0.00	176.08 3.99 0.00	170.14 5.86 0.00	198.81 7.89 -0.29	196.24 5.12 -78.50	178.43 4.34 -80.28	180.70 4.89 -71.28	179.06 3.73 -89.22	139.15 5.18 -6.85	157.56 4.69 0.00	175.81 4.38 0.00	169.91 4.29 0.00	161.91 4.46 0.00	159.35 4.30 0.00	157.59 5.04 0.00	158.56 5.89 0.00	163.97 4.92 0.00
NEWTON__FALLS_HYD 23847	110.14 1.62 0.00	86.51 1.27 0.00	80.65 1.24 0.00	104.35 1.82 0.00	78.37 0.76 0.00	113.47 1.04 0.00	138.98 0.87 0.00	160.59 2.61 0.00	175.39 3.30 0.00	164.22 -0.07 0.00	190.16 -0.48 -0.01	112.81 -1.44 -1.63	94.96 -0.53 -1.67	105.21 -0.79 -1.48	87.23 -0.74 -1.85	126.40 -0.87 -0.14	153.91 1.04 0.00	174.22 2.80 0.00	167.50 1.88 0.00	156.42 -1.03 0.00	153.36 -1.69 0.00	151.99 -0.57 0.00	153.43 0.77 0.00	162.55 3.50 0.00
NGRID_A1_DSASP 323792	99.70 -8.82 0.00	78.51 -6.74 0.00	72.58 -6.83 0.00	92.78 -9.75 0.00	70.36 -7.26 0.00	101.78 -10.65 0.00	119.82 -14.65 3.63	131.12 -17.29 9.57	153.85 -17.45 0.80	146.25 -17.03 1.01	159.61 -21.98 9.04	72.69 -12.88 27.05	79.05 -11.47 3.30	73.93 -12.89 17.70	70.59 -10.58 4.94	104.35 -15.57 7.20	133.09 -19.78 0.00	148.66 -22.77 0.00	136.95 -21.31 7.36	114.59 -20.29 22.56	110.54 -21.04 23.47	102.54 -21.79 28.22	111.51 -21.51 19.65	140.50 -18.54 0.00
NGRID_A2_DSASP 323793	99.70 -8.82 0.00	78.51 -6.74 0.00	72.58 -6.83 0.00	92.78 -9.75 0.00	70.36 -7.26 0.00	101.78 -10.65 0.00	119.82 -14.65 3.63	131.12 -17.29 9.57	153.85 -17.45 0.80	146.25 -17.03 1.01	159.61 -21.98 9.04	72.69 -12.88 27.05	79.05 -11.47 3.30	73.93 -12.89 17.70	70.59 -10.58 4.94	104.35 -15.57 7.20	133.09 -19.78 0.00	148.66 -22.77 0.00	136.95 -21.31 7.36	114.59 -20.29 22.56	110.54 -21.04 23.47	102.54 -21.79 28.22	111.51 -21.51 19.65	140.50 -18.54 0.00
NGRID_A4_DSASP 323807	99.70 -8.82 0.00	78.51 -6.74 0.00	72.58 -6.83 0.00	92.78 -9.75 0.00	70.36 -7.26 0.00	101.78 -10.65 0.00	119.82 -14.65 3.63	131.12 -17.29 9.57	153.85 -17.45 0.80	146.25 -17.03 1.01	159.61 -21.98 9.04	72.69 -12.88 27.05	79.05 -11.47 3.30	73.93 -12.89 17.70	70.59 -10.58 4.94	104.35 -15.57 7.20	133.09 -19.78 0.00	148.66 -22.77 0.00	136.95 -21.31 7.36	114.59 -20.29 22.56	110.54 -21.04 23.47	102.54 -21.79 28.22	111.51 -21.51 19.65	140.50 -18.54 0.00
NIAGARA_115E_LBMP 323715	98.74 -9.78 0.00	77.74 -7.50 0.00	71.83 -7.58 0.00	91.79 -10.74 0.00	69.58 -8.03 0.00	100.63 -11.80 0.00	118.69 -15.88 3.54	129.92 -18.77 9.29	152.24 -19.07 0.79	144.84 -18.47 0.97	158.28 -23.57 8.78	72.72 -13.36 26.54	79.12 -11.68 3.01	74.12 -13.22 17.18	70.57 -10.88 4.66	103.82 -16.33 6.97	132.52 -20.35 0.00	148.05 -23.38 0.00	136.45 -22.25 6.92	113.78 -21.78 21.89	109.83 -22.48 22.74	102.00 -22.96 27.59	111.08 -22.36 19.23	140.06 -18.98 0.00
NIAGARA_115W_LBMP 323714	99.58 -8.93 0.00	78.41 -6.84 0.00	72.50 -6.91 0.00	92.67 -9.86 0.00	70.26 -7.35 0.00	101.65 -10.78 0.00	119.69 -14.80 3.61	131.00 -17.46 9.52	153.64 -17.65 0.79	146.08 -17.21 1.00	159.45 -22.18 8.99	72.67 -13.01 26.94	78.99 -11.56 3.28	73.93 -13.00 17.59	70.56 -10.67 4.89	104.24 -15.73 7.16	132.86 -20.01 0.00	148.35 -23.08 0.00	136.76 -21.55 7.31	114.56 -20.45 22.44	110.52 -21.19 23.33	102.56 -21.92 28.07	111.45 -21.66 19.55	140.25 -18.80 0.00
NIAGARA_230_LBMP 323716	100.06 -8.46 0.00	78.76 -6.49 0.00	72.84 -6.57 0.00	93.12 -9.41 0.00	70.57 -7.04 0.00	102.09 -10.34 0.00	120.37 -14.21 3.53	131.90 -16.79 9.29	154.36 -16.95 0.78	146.88 -16.43 0.97	160.62 -21.24 8.77	73.67 -12.43 26.52	79.75 -11.08 2.99	74.95 -12.40 17.16	71.28 -10.19 4.64	105.32 -14.85 6.96	134.60 -18.28 0.00	150.37 -21.06 0.00	138.22 -20.12 7.27	115.96 -19.58 21.91	112.02 -20.27 22.76	104.31 -20.87 27.36	113.14 -20.45 19.08	141.88 -17.17 0.00
NIAGARA__115KV_198_GIBSON 55903	99.62 -8.89 0.00	78.41 -6.83 0.00	72.50 -6.92 0.00	92.69 -9.84 0.00	70.27 -7.34 0.00	101.66 -10.77 0.00	119.66 -14.83 3.61	130.95 -17.52 9.52	153.72 -17.58 0.79	146.06 -17.23 1.00	159.46 -22.18 8.99	72.63 -13.05 26.94	78.97 -11.58 3.28	74.08 -12.85 17.59	70.59 -10.64 4.89	104.04 -15.93 7.16	133.00 -19.87 0.00	148.44 -22.99 0.00	136.69 -21.61 7.31	114.32 -20.69 22.44	110.48 -21.23 23.33	102.59 -21.89 28.07	111.39 -21.72 19.55	140.31 -18.75 0.00
NIAGARA____ 23760	100.06 -8.46 0.00	78.76 -6.49 0.00	72.84 -6.57 0.00	93.12 -9.41 0.00	70.57 -7.04 0.00	102.09 -10.34 0.00	120.35 -14.21 3.54	131.88 -16.79 9.31	154.36 -16.95 0.79	146.88 -16.43 0.97	160.60 -21.24 8.79	73.62 -12.43 26.57	79.72 -11.08 3.03	74.91 -12.40 17.21	71.25 -10.19 4.67	105.30 -14.85 6.98	134.60 -18.28 0.00	150.37 -21.06 0.00	138.32 -20.12 7.17	115.93 -19.58 21.94	111.98 -20.27 22.80	104.21 -20.87 27.47	113.07 -20.45 19.15	141.88 -17.17 0.00
NINE_MILE_1 23575	104.80 -3.71 0.00	82.45 -2.79 0.00	76.77 -2.64 0.00	98.74 -3.79 0.00	74.79 -2.82 0.00	108.27 -4.17 0.00	132.98 -5.13 0.00	151.96 -6.03 0.00	165.71 -6.38 0.00	158.48 -5.81 0.00	183.76 -6.89 -0.01	112.50 -4.05 -3.93	94.35 -3.50 -4.02	104.21 -3.88 -3.57	87.56 -3.02 -4.47	122.94 -4.52 -0.34	147.43 -5.44 0.00	165.22 -6.21 0.00	159.68 -5.94 0.00	151.72 -5.73 0.00	149.12 -5.93 0.00	146.49 -6.07 0.00	146.47 -6.20 0.00	152.74 -6.31 0.00
NINE_MILE_2 23744	104.80 -3.71 0.00	82.45 -2.79 0.00	76.77 -2.64 0.00	98.75 -3.78 0.00	74.79 -2.82 0.00	108.27 -4.17 0.00	132.98 -5.13 0.00	151.96 -6.03 0.00	165.71 -6.38 0.00	158.48 -5.81 0.00	183.76 -6.89 -0.01	112.50 -4.05 -3.92	94.34 -3.50 -4.01	104.22 -3.87 -3.56	87.56 -3.01 -4.46	122.95 -4.51 -0.34	147.45 -5.43 0.00	165.22 -6.21 0.00	159.68 -5.94 0.00	151.72 -5.73 0.00	149.13 -5.92 0.00	146.50 -6.05 0.00	146.48 -6.19 0.00	152.74 -6.31 0.00
NM_CAPITAL__DRP 24208	112.83 4.31 0.00	88.06 2.82 0.00	81.99 2.58 0.00	105.88 3.35 0.00	80.25 2.64 0.00	116.08 3.65 0.00	142.70 4.60 0.00	161.76 3.78 0.00	175.94 3.85 0.00	170.05 5.77 0.00	198.86 7.95 -0.29	196.10 5.19 -78.29	178.24 4.36 -80.06	180.55 4.94 -71.09	178.92 3.83 -88.97	139.27 5.31 -6.84	157.79 4.92 0.00	176.05 4.62 0.00	170.14 4.53 0.00	162.12 4.67 0.00	159.61 4.56 0.00	157.66 5.11 0.00	158.45 5.79 0.00	163.88 4.83 0.00

NM_CENTRAL___DRP 24181	107.13 -1.39 0.00	84.18 -1.06 0.00	78.35 -1.06 0.00	100.77 -1.76 0.00	76.32 -1.29 0.00	110.58 -1.85 0.00	135.92 -2.19 0.00	155.33 -2.66 0.00	169.48 -2.61 0.00	162.18 -2.10 0.00	188.16 -2.49 -0.02	116.76 -1.50 -5.64	98.03 -1.56 -5.77	107.96 -1.68 -5.12	91.39 -1.13 -6.41	126.03 -1.60 -0.49	151.01 -1.86 0.00	169.22 -2.21 0.00	163.48 -2.14 0.00	155.35 -2.10 0.00	152.60 -2.45 0.00	149.72 -2.83 0.00	149.68 -2.99 0.00	155.96 -3.09 0.00
NM_FRONTIER___DRP 24179	99.62 -8.89 0.00	78.41 -6.83 0.00	72.50 -6.92 0.00	92.69 -9.84 0.00	70.27 -7.34 0.00	101.66 -10.77 0.00	119.66 -14.83 3.61	130.95 -17.52 9.52	153.72 -17.58 0.79	146.06 -17.23 1.00	159.46 -22.18 8.99	72.63 -13.05 26.94	78.97 -11.58 3.28	74.08 -12.85 17.59	70.59 -10.64 4.89	104.04 -15.93 7.16	133.00 -19.87 0.00	148.44 -22.99 0.00	136.69 -21.61 7.31	114.32 -20.69 22.44	110.48 -21.23 23.33	102.59 -21.89 28.07	111.39 -21.72 19.55	140.31 -18.75 0.00
NM_ST_REGIS___HYD 24053	109.26 0.74 0.00	85.88 0.64 0.00	80.07 0.66 0.00	103.81 1.28 0.00	77.84 0.23 0.00	112.32 -0.11 0.00	136.86 -1.24 0.00	158.73 0.74 0.00	173.36 1.27 0.00	161.42 -2.87 0.00	186.48 -4.15 0.00	108.79 -3.83 0.00	92.05 -1.78 0.00	102.18 -2.34 0.00	83.96 -2.15 0.00	123.81 -3.32 0.00	151.15 -1.73 0.00	171.48 0.05 0.00	165.24 -0.38 0.00	155.92 -1.53 0.00	154.49 -0.56 0.00	152.70 0.15 0.00	153.65 0.98 0.00	162.36 3.31 0.00
NORTHPORT___1 23551	113.23 9.82 5.12	86.65 6.66 5.25	90.49 6.42 -4.66	115.07 8.58 -3.96	88.06 6.91 -3.53	124.69 9.75 -2.52	149.03 11.75 0.84	162.39 8.56 4.16	158.28 7.26 21.06	159.36 10.30 15.22	188.96 13.72 15.40	171.78 9.88 -49.28	157.63 9.33 -54.47	158.83 10.09 -44.21	156.17 8.74 -61.31	156.44 13.36 -15.95	158.39 14.64 9.12	170.32 13.71 14.81	165.28 12.73 13.07	161.20 13.75 10.00	158.88 13.54 9.71	156.90 13.39 9.04	152.40 13.63 13.89	154.81 9.94 14.18
NORTHPORT___2 23552	113.23 9.82 5.12	86.65 6.66 5.25	90.49 6.42 -4.66	115.07 8.58 -3.96	88.06 6.91 -3.53	124.69 9.75 -2.52	149.03 11.75 0.84	162.39 8.56 4.16	158.28 7.26 21.06	159.36 10.30 15.22	188.96 13.72 15.40	171.77 9.88 -49.27	157.63 9.33 -54.47	158.83 10.09 -44.21	156.17 8.74 -61.31	156.44 13.36 -15.95	158.39 14.64 9.12	170.32 13.71 14.82	165.27 12.73 13.08	161.19 13.75 10.01	158.88 13.54 9.71	156.90 13.39 9.04	152.40 13.63 13.89	154.81 9.94 14.18
NORTHPORT___3 23553	112.82 9.53 5.23	86.28 6.45 5.41	90.04 6.12 -4.51	114.54 8.19 -3.83	87.60 6.58 -3.42	124.17 9.31 -2.43	148.48 11.26 0.89	161.59 7.80 4.19	157.63 6.58 21.04	158.44 9.55 15.40	187.02 12.11 15.72	170.53 8.94 -48.97	156.70 8.71 -54.17	157.88 9.51 -43.85	155.34 8.23 -60.99	155.25 12.46 -15.66	157.05 13.57 9.39	168.34 12.02 15.12	163.62 11.34 13.34	159.91 12.72 10.27	157.61 12.62 10.06	155.75 12.55 9.35	151.57 13.09 14.18	153.94 9.36 14.47
NORTHPORT___4 23650	112.82 9.53 5.23	86.28 6.45 5.41	90.04 6.12 -4.51	114.54 8.19 -3.83	87.60 6.58 -3.42	124.17 9.31 -2.43	148.48 11.26 0.89	161.59 7.80 4.19	157.63 6.58 21.04	158.44 9.55 15.40	187.02 12.11 15.72	170.53 8.94 -48.97	156.70 8.71 -54.17	157.88 9.51 -43.85	155.34 8.23 -60.99	155.25 12.46 -15.66	157.05 13.57 9.39	168.34 12.02 15.12	163.62 11.34 13.34	159.91 12.72 10.27	157.61 12.62 10.06	155.75 12.55 9.35	151.57 13.09 14.18	153.94 9.36 14.47
NORTHPORT___IC 23718	113.22 9.81 5.12	86.65 6.66 5.25	90.47 6.40 -4.66	115.07 8.57 -3.96	88.04 6.90 -3.53	124.71 9.76 -2.52	148.98 11.71 0.84	162.41 8.58 4.16	158.95 7.91 21.06	159.23 10.17 15.22	188.91 13.68 15.40	171.73 9.84 -49.28	157.63 9.34 -54.47	158.72 9.99 -44.21	156.17 8.74 -61.31	156.18 13.10 -15.95	157.99 14.24 9.12	170.26 13.64 14.81	165.28 12.73 13.07	160.92 13.47 10.00	158.80 13.46 9.71	156.64 13.12 9.04	152.13 13.36 13.89	154.50 9.63 14.18
NORTH___COUNTRY_ESR 323785	107.82 -0.70 0.00	84.79 -0.45 0.00	79.00 -0.41 0.00	102.05 -0.48 0.00	77.27 -0.34 0.00	112.02 -0.41 0.00	137.53 -0.58 0.00	158.52 0.53 0.00	172.69 0.60 0.00	163.01 -1.28 0.00	187.93 -2.70 0.00	109.78 -2.85 0.00	91.58 -2.25 0.00	101.83 -2.69 0.00	83.67 -2.45 0.00	124.00 -3.13 0.00	151.20 -1.67 0.00	171.36 -0.07 0.00	165.46 -0.16 0.00	156.51 -0.94 0.00	154.37 -0.67 0.00	151.85 -0.70 0.00	151.61 -1.05 0.00	159.02 -0.03 0.00
NPX_GEN_1385_PROXY 323591	112.32 8.92 5.12	85.46 5.47 5.25	90.44 6.36 -4.66	115.47 8.98 -3.96	89.02 7.88 -3.53	125.30 10.35 -2.52	148.85 11.57 0.84	162.26 8.43 4.16	157.50 6.47 21.06	148.14 8.27 24.42	192.67 17.44 15.40	173.18 12.96 -47.60	169.51 11.88 -63.80	160.15 11.41 -44.21	156.89 9.45 -61.31	158.44 16.31 -15.01	161.40 17.65 9.12	173.62 17.00 14.81	166.85 14.31 13.07	162.11 14.67 10.00	160.38 15.04 9.71	157.96 14.44 9.04	151.82 13.05 13.89	153.57 8.70 14.18
NPX_GEN_CSC 323557	115.19 11.18 4.51	88.57 7.72 4.40	92.21 7.32 -5.48	116.94 9.72 -4.69	89.56 7.80 -4.16	126.67 11.28 -2.96	151.57 14.01 0.56	165.63 11.53 3.88	162.66 10.92 20.35	154.91 13.86 23.24	194.58 17.60 13.65	174.01 12.12 -49.26	161.13 11.17 -56.13	163.02 12.31 -46.19	159.73 10.57 -63.04	159.92 16.17 -16.63	163.61 18.41 7.68	176.84 18.57 13.16	171.31 17.30 11.61	166.98 18.10 8.57	165.03 17.78 7.79	162.54 17.34 7.35	157.59 17.26 12.33	160.21 13.75 12.60
NSINS_S___GLNS_FALLS 23858	116.13 7.62 0.00	90.52 5.27 0.00	84.36 4.94 0.00	108.84 6.31 0.00	82.60 4.99 0.00	119.80 7.37 0.00	147.93 9.82 0.00	168.49 10.50 0.00	184.09 12.00 0.00	177.29 13.00 -0.30	207.70 16.77 -80.70	203.28 9.95 -82.53	184.31 7.96 -73.28	186.73 8.93 -91.72	185.16 7.32 -7.05	145.04 10.87 0.00	165.59 12.72 0.00	185.76 14.33 0.00	179.63 14.01 0.00	170.56 13.11 0.00	167.98 12.93 0.00	164.77 12.22 0.00	164.15 11.49 0.00	169.79 10.74 0.00
NUCOR_STEEL___DRP 24197	108.55 0.03 0.00	85.46 0.22 0.00	79.55 0.14 0.00	102.30 -0.23 0.00	77.49 -0.12 0.00	112.35 -0.08 0.00	138.41 -0.07 -0.37	158.50 -0.16 -0.67	172.64 0.18 -0.37	164.79 0.51 0.00	190.86 -0.45 -0.68	135.36 0.01 -22.73	102.88 -0.27 -9.33	117.93 -0.28 -13.69	98.71 0.05 -12.54	128.32 0.16 -1.03	152.68 -0.19 0.00	171.85 0.42 0.00	166.21 0.59 0.00	159.73 0.71 -1.57	155.57 -0.46 -0.98	155.86 -0.56 -3.87	154.36 -1.45 -3.15	157.64 -1.41 0.00
NUMBER_THREE_WT_PWR 323818	111.83 3.32 0.00	87.80 2.56 0.00	81.90 2.49 0.00	105.63 3.10 0.00	79.74 2.13 0.00	116.06 3.63 0.00	143.42 5.31 0.00	165.08 7.09 0.00	180.15 8.06 0.00	170.34 6.05 0.00	197.27 6.63 -0.01	117.76 2.93 -2.21	98.20 2.12 -2.26	108.81 2.29 -2.01	90.78 2.15 -2.51	131.02 3.71 -0.19	159.05 6.18 0.00	179.55 8.12 0.00	172.29 6.67 0.00	159.07 1.62 0.00	154.14 -0.91 0.00	152.74 0.19 0.00	154.29 1.62 0.00	163.60 4.54 0.00
NYISO_LBMP_REFERENCE 24008	108.52 0.00 0.00	85.24 0.00 0.00	79.41 0.00 0.00	102.53 0.00 0.00	77.61 0.00 0.00	112.43 0.00 0.00	138.11 0.00 0.00	157.99 0.00 0.00	172.09 0.00 0.00	164.29 0.00 0.00	190.63 0.00 0.00	112.62 0.00 0.00	93.82 0.00 0.00	104.52 0.00 0.00	86.11 0.00 0.00	127.13 0.00 0.00	152.87 0.00 0.00	171.43 0.00 0.00	165.62 0.00 0.00	157.45 0.00 0.00	155.05 0.00 0.00	152.55 0.00 0.00	152.66 0.00 0.00	159.05 0.00 0.00

NYPA_BRENTWD____GT 24164	115.94 11.20 3.78	89.60 7.72 3.36	93.23 7.34 -6.47	117.82 9.72 -5.57	90.28 7.76 -4.91	127.01 11.08 -3.50	151.56 13.68 0.22	165.62 11.18 3.55	162.90 10.31 19.49	165.04 13.38 12.63	196.13 17.05 11.55	177.35 11.79 -52.94	162.86 10.90 -58.14	165.03 11.95 -48.56	161.50 10.26 -65.13	162.20 15.54 -19.53	164.39 17.45 5.93	177.35 17.08 11.16	171.81 16.05 9.85	167.48 16.87 6.84	166.03 16.46 5.48	163.30 16.07 5.33	158.35 16.14 10.46	160.88 12.52 10.69
NYPA_GOWANUS____GT5 24156	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NYPA_GOWANUS____GT6 24157	118.94 9.01 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.67 8.24 0.00	148.60 10.49 0.00	168.28 10.29 0.00	182.59 10.50 0.00	368.92 12.71 -191.92	1486.04 15.99 -1279.41	676.31 10.82 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.43 12.83 -862.47	1384.25 14.30 -1217.08	553.76 13.78 -368.55	2008.78 14.49 -1828.67	1664.69 14.88 -1492.36	675.15 14.36 -505.74	628.38 13.86 -461.97	776.37 13.76 -609.94	510.69 11.24 -340.40
NYPA_HARLEM__RVR__GT1 24160	116.78 8.26 0.00	90.71 5.46 0.00	84.41 5.00 0.00	109.21 6.68 0.00	83.03 5.42 0.00	120.06 7.62 0.00	147.85 9.74 0.00	167.22 9.23 0.00	181.28 9.19 0.00	175.43 11.15 0.00	205.26 14.40 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.62 9.24 -57.86	166.51 7.97 -72.42	161.45 11.54 -22.78	167.44 12.80 -1.77	183.74 12.31 0.00	177.85 12.22 -0.01	170.30 12.85 -0.01	167.58 12.53 -0.01	164.69 12.14 -0.01	164.84 12.17 -0.01	168.41 9.36 0.00
NYPA_HARLEM__RVR__GT2 24161	116.78 8.26 0.00	90.71 5.46 0.00	84.41 5.00 0.00	109.21 6.68 0.00	83.03 5.42 0.00	120.06 7.62 0.00	147.85 9.74 0.00	167.22 9.23 0.00	181.28 9.19 0.00	175.43 11.15 0.00	205.26 14.40 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.62 9.24 -57.86	166.51 7.97 -72.42	161.45 11.54 -22.78	167.44 12.80 -1.77	183.74 12.31 0.00	177.85 12.22 -0.01	170.30 12.85 -0.01	167.58 12.53 -0.01	164.69 12.14 -0.01	164.84 12.17 -0.01	168.41 9.36 0.00
NYPA_KENT____GT 24152	118.13 8.77 -0.83	97.40 5.96 -6.20	93.06 5.39 -8.26	109.67 7.14 0.00	88.97 5.67 -5.69	120.42 7.99 0.00	148.30 10.19 0.00	167.92 9.94 0.00	182.18 10.09 0.00	289.23 12.39 -112.55	1003.03 15.50 -796.90	473.91 10.48 -350.81	471.57 9.14 -368.60	632.56 10.09 -517.95	507.20 8.60 -412.48	662.20 12.61 -522.47	881.38 14.05 -714.45	323.55 13.43 -138.69	1237.69 13.98 -1058.09	1032.89 14.42 -861.02	465.97 13.79 -297.13	434.85 13.30 -269.00	523.64 13.29 -357.69	369.39 10.72 -199.62
NYPA_POUCH1____GT 24155	118.61 8.68 -1.42	101.86 6.05 -10.57	98.94 5.45 -14.09	109.53 7.00 0.00	92.96 5.66 -9.70	120.34 7.90 0.00	148.17 10.06 0.00	167.74 9.75 0.00	182.02 9.93 0.00	368.30 12.10 -191.92	1485.53 15.49 -1279.41	676.01 10.53 -552.86	685.47 9.04 -582.61	956.94 10.00 -842.42	746.93 8.50 -652.31	1002.00 12.40 -862.47	1383.77 13.82 -1217.08	403.22 13.24 -218.55	1978.87 14.25 -1799.00	1634.71 14.57 -1462.70	674.86 14.08 -505.74	628.06 13.55 -461.97	776.19 13.58 -609.94	510.47 11.02 -340.40
NYPA_VERNON____GT2 24162	117.30 8.53 -0.24	92.81 5.74 -1.83	87.02 5.18 -2.43	109.47 6.94 0.00	84.84 5.56 -1.68	120.27 7.84 0.00	148.09 9.98 0.00	167.71 9.72 0.00	181.88 9.79 0.00	209.55 12.09 -33.17	407.52 15.00 -201.89	271.54 10.16 -148.75	257.38 8.95 -154.60	307.86 9.86 -193.47	267.18 8.41 -172.65	305.28 12.35 -165.80	378.47 13.77 -211.83	226.48 13.13 -41.92	492.90 13.44 -313.83	427.40 13.94 -256.01	256.93 13.37 -88.52	244.71 12.87 -79.29	270.89 12.79 -105.43	228.07 10.18 -58.84
NYPA_VERNON____GT3 24163	117.30 8.53 -0.24	92.81 5.74 -1.83	87.02 5.18 -2.43	109.47 6.94 0.00	84.84 5.56 -1.68	120.27 7.84 0.00	148.09 9.98 0.00	167.71 9.72 0.00	181.88 9.79 0.00	209.55 12.09 -33.17	407.52 15.00 -201.89	271.54 10.16 -148.75	257.38 8.95 -154.60	307.86 9.86 -193.47	267.18 8.41 -172.65	305.28 12.35 -165.80	378.47 13.77 -211.83	226.48 13.13 -41.92	492.90 13.44 -313.83	427.40 13.94 -256.01	256.93 13.37 -88.52	244.71 12.87 -79.29	270.89 12.79 -105.43	228.07 10.18 -58.84
NYPA__ASTORIA_CC1 323568	116.91 8.39 0.00	90.87 5.63 0.00	84.49 5.08 0.00	109.37 6.84 0.00	83.11 5.50 0.00	120.16 7.73 0.00	147.95 9.84 0.00	167.54 9.55 0.00	181.63 9.54 0.00	176.10 11.82 0.00	205.54 14.68 -0.23	187.07 10.00 -64.45	167.84 8.86 -65.16	172.15 9.76 -57.86	166.86 8.32 -72.42	163.23 12.17 -23.93	168.26 13.61 -1.77	184.32 12.89 0.00	181.33 13.19 -2.52	173.56 13.72 -2.39	169.88 13.17 -1.66	165.26 12.70 -0.01	165.27 12.60 -0.01	169.04 9.98 0.00
NYPA__ASTORIA_CC2 323569	116.91 8.39 0.00	90.87 5.63 0.00	84.49 5.08 0.00	109.37 6.84 0.00	83.11 5.50 0.00	120.16 7.73 0.00	147.95 9.84 0.00	167.54 9.55 0.00	181.63 9.54 0.00	176.10 11.82 0.00	205.54 14.68 -0.23	187.07 10.00 -64.45	167.84 8.86 -65.16	172.15 9.76 -57.86	166.86 8.32 -72.42	163.23 12.17 -23.93	168.26 13.61 -1.77	184.32 12.89 0.00	181.33 13.19 -2.52	173.56 13.72 -2.39	169.88 13.17 -1.66	165.26 12.70 -0.01	165.27 12.60 -0.01	169.04 9.98 0.00
NYPA__HOLTSVILL 23794	114.30 10.35 4.57	87.86 7.10 4.48	91.54 6.73 -5.40	116.09 8.95 -4.61	88.89 7.19 -4.09	125.61 10.27 -2.91	150.16 12.64 0.59	163.98 9.90 3.91	160.60 8.93 20.42	162.09 11.97 14.17	192.11 15.31 13.83	174.19 10.80 -50.77	159.91 10.12 -55.96	161.60 11.10 -45.98	158.52 9.54 -62.86	159.02 14.48 -17.41	161.21 16.16 7.83	173.73 15.62 13.33	168.49 14.64 11.76	164.34 15.61 8.72	162.35 15.29 7.99	159.98 14.96 7.53	155.25 15.08 12.49	157.79 11.50 12.76
NYPA__HELLGATE_GT1 24158	116.78 8.26 0.00	90.71 5.46 0.00	84.41 5.00 0.00	109.21 6.68 0.00	83.03 5.42 0.00	120.06 7.62 0.00	147.85 9.74 0.00	167.22 9.23 0.00	181.28 9.19 0.00	175.43 11.15 0.00	205.26 14.40 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.62 9.24 -57.86	166.51 7.97 -72.42	161.45 11.54 -22.78	167.44 12.80 -1.77	183.74 12.31 0.00	177.85 12.22 -0.01	170.30 12.85 -0.01	167.58 12.53 -0.01	164.69 12.14 -0.01	164.84 12.17 -0.01	168.41 9.36 0.00
NYPA__HELLGATE_GT2 24159	116.78 8.26 0.00	90.71 5.46 0.00	84.41 5.00 0.00	109.21 6.68 0.00	83.03 5.42 0.00	120.06 7.62 0.00	147.85 9.74 0.00	167.22 9.23 0.00	181.28 9.19 0.00	175.43 11.15 0.00	205.26 14.40 -0.23	185.96 9.62 -63.72	167.38 8.40 -65.16	171.62 9.24 -57.86	166.51 7.97 -72.42	161.45 11.54 -22.78	167.44 12.80 -1.77	183.74 12.31 0.00	177.85 12.22 -0.01	170.30 12.85 -0.01	167.58 12.53 -0.01	164.69 12.14 -0.01	164.84 12.17 -0.01	168.41 9.36 0.00
NYS_BARGE__HYD 23848	100.07 -8.45 0.00	78.72 -6.53 0.00	72.75 -6.66 0.00	92.97 -9.56 0.00	70.47 -7.14 0.00	101.96 -10.47 0.00	120.85 -14.19 3.06	133.37 -16.63 7.98	154.74 -16.63 0.72	147.34 -16.12 0.83	162.44 -20.64 7.55	77.36 -11.79 23.47	81.54 -10.58 1.71	78.01 -11.92 14.59	72.98 -9.79 3.35	106.76 -14.47 5.90	135.05 -17.82 0.00	151.05 -20.39 -0.01	140.83 -19.33 5.46	119.79 -18.87 18.79	115.94 -19.67 19.44	108.00 -20.35 24.19	115.82 -19.93 16.91	142.36 -16.69 0.00

OAK ORCHARD___HYD 24046	105.01 -3.51 0.00	82.57 -2.68 0.00	76.58 -2.83 0.00	98.21 -4.32 0.00	74.43 -3.18 0.00	107.87 -4.56 0.00	131.44 -6.19 0.48	150.07 -7.13 0.78	164.86 -6.72 0.51	157.99 -6.31 -0.01	181.36 -8.49 0.78	94.90 -5.07 12.66	95.19 -4.81 -6.18	97.01 -5.41 2.09	85.43 -4.35 -3.67	121.16 -6.21 -0.25	145.64 -7.23 0.00	163.22 -8.21 0.00	157.96 -7.81 -0.15	147.60 -7.82 2.03	145.43 -8.46 1.16	138.51 -9.23 4.81	139.21 -9.42 4.04	151.34 -7.71 0.00
OAKDALE___35_KV_LOAD 356122	109.07 0.55 0.00	85.53 0.29 0.00	79.49 0.08 0.00	102.39 -0.14 0.00	77.44 -0.17 0.00	112.16 -0.27 0.00	136.94 -0.59 0.58	156.25 -1.11 0.62	170.48 -1.04 0.58	163.71 -0.58 0.00	189.01 -0.69 0.94	109.11 -0.65 2.86	113.05 -0.64 -19.87	115.55 -0.64 -11.68	106.11 -0.27 -20.27	128.59 -0.14 -1.60	152.58 -0.30 0.00	170.82 -0.61 0.00	164.91 -0.71 0.00	156.35 -0.33 0.77	154.00 -0.56 0.48	147.90 -1.08 3.57	148.04 -1.05 3.58	157.76 -1.29 0.00
OCC_CHEM___DRP 24175	99.74 -8.78 0.00	78.51 -6.73 0.00	72.57 -6.84 0.00	92.80 -9.73 0.00	70.36 -7.25 0.00	101.80 -10.63 0.00	119.79 -14.68 3.63	131.07 -17.35 9.57	153.90 -17.39 0.80	146.25 -17.04 1.01	159.62 -21.97 9.04	72.63 -12.94 27.05	79.05 -11.47 3.30	74.09 -12.74 17.70	70.62 -10.55 4.94	104.15 -15.77 7.20	133.23 -19.64 0.00	148.70 -22.73 0.00	136.91 -21.35 7.36	114.36 -20.53 22.56	110.49 -21.09 23.47	102.59 -21.74 28.22	111.45 -21.56 19.65	140.53 -18.52 0.00
OH_GEN_PROXY 24063	100.28 -8.23 0.00	78.93 -6.32 0.00	72.99 -6.42 0.00	93.36 -9.17 0.00	70.73 -6.88 0.00	102.34 -10.09 0.00	121.06 -13.80 3.25	133.29 -16.22 8.48	192.51 -16.37 -36.79	138.33 -15.88 10.07	162.10 -20.51 8.02	73.03 -12.10 27.49	81.13 -10.77 1.92	76.66 -12.09 15.77	72.48 -9.92 3.71	105.57 -14.37 7.19	135.23 -17.64 0.00	151.04 -20.39 0.00	139.61 -19.47 6.53	118.53 -18.92 19.99	114.81 -19.59 20.65	107.01 -20.19 25.35	115.12 -19.78 17.77	142.33 -16.72 0.00
OLIN_CORP_DRP 24177	98.96 -9.56 0.00	77.92 -7.32 0.00	71.99 -7.42 0.00	92.00 -10.53 0.00	69.74 -7.87 0.00	100.90 -11.53 0.00	118.87 -15.62 3.62	129.98 -18.48 9.52	152.70 -18.59 0.80	145.20 -18.09 1.00	158.48 -23.15 9.00	72.28 -13.22 27.12	79.00 -11.58 3.24	73.91 -12.96 17.65	70.48 -10.74 4.90	103.72 -16.25 7.16	133.03 -19.84 0.00	148.56 -22.87 0.00	136.52 -21.95 7.15	113.42 -21.60 22.44	109.57 -22.15 23.33	101.68 -22.66 28.22	110.91 -22.09 19.66	140.44 -18.61 0.00
OLIN_CORP_DSASP 323712	99.70 -8.82 0.00	78.51 -6.74 0.00	72.58 -6.83 0.00	92.78 -9.75 0.00	70.36 -7.26 0.00	101.78 -10.65 0.00	119.82 -14.65 3.63	131.12 -17.29 9.57	153.85 -17.45 0.80	146.25 -17.03 1.01	159.61 -21.98 9.04	72.69 -12.88 27.05	79.05 -11.47 3.30	73.93 -12.89 17.70	70.59 -10.58 4.94	104.35 -15.57 7.20	133.09 -19.78 0.00	148.66 -22.77 0.00	136.95 -21.31 7.36	114.59 -20.29 22.56	110.54 -21.04 23.47	102.54 -21.79 28.22	111.51 -21.51 19.65	140.50 -18.54 0.00
ONEIDA_HERK_LFGE 323681	112.11 3.60 0.00	88.04 2.79 0.00	82.01 2.60 0.00	105.79 3.26 0.00	80.04 2.43 0.00	116.32 3.89 0.00	143.50 5.39 0.00	164.62 6.63 0.00	179.51 7.42 0.00	170.90 6.61 0.00	198.09 7.45 -0.01	118.34 3.82 -1.90	98.68 2.91 -1.94	109.46 3.21 -1.73	91.25 2.98 -2.16	131.97 4.68 -0.17	159.38 6.50 0.00	179.18 7.75 0.00	172.60 6.98 0.00	162.04 4.59 0.00	158.39 3.34 0.00	156.11 3.56 0.00	156.57 3.91 0.00	164.05 4.99 0.00
ONEIDA___115KV_TB4 55905	112.10 3.59 0.00	88.12 2.87 0.00	82.03 2.62 0.00	105.77 3.24 0.00	80.16 2.54 0.00	116.44 4.00 0.00	143.52 5.41 0.00	164.33 6.34 0.00	179.21 7.12 0.00	171.12 6.83 0.00	198.22 7.58 -0.01	120.09 3.83 -3.64	100.38 2.84 -3.72	111.06 3.23 -3.30	93.47 3.22 -4.14	132.54 5.10 -0.32	159.53 6.65 0.00	178.69 7.26 0.00	172.40 6.78 0.00	163.21 5.76 0.00	160.17 5.12 0.00	157.36 4.81 0.00	157.30 4.63 0.00	163.78 4.73 0.00
ONONDAGA_REF_OCCRA 23987	108.09 -0.43 0.00	84.93 -0.31 0.00	79.01 -0.40 0.00	101.67 -0.86 0.00	77.00 -0.61 0.00	111.56 -0.87 0.00	137.43 -0.94 -0.26	157.19 -1.26 -0.47	171.32 -1.03 -0.26	163.65 -0.64 0.00	190.33 -0.79 -0.49	129.71 -0.53 -17.62	101.22 -0.73 -8.13	114.83 -0.76 -11.07	96.32 -0.38 -10.59	127.55 -0.44 -0.86	152.45 -0.42 0.00	170.92 -0.51 0.00	165.15 -0.47 0.00	158.10 -0.47 -1.12	154.87 -0.88 -0.70	153.92 -1.35 -2.71	153.33 -1.55 -2.22	157.39 -1.66 0.00
ONONDAGA___COGEN 23986	107.81 -0.71 0.00	84.76 -0.48 0.00	78.86 -0.54 0.00	101.46 -1.07 0.00	76.85 -0.76 0.00	111.34 -1.10 0.00	136.85 -1.26 0.00	156.41 -1.58 0.00	170.62 -1.47 0.00	163.29 -0.99 0.00	189.37 -1.29 -0.02	118.31 -0.80 -6.48	99.52 -0.93 -6.63	109.41 -1.00 -5.89	92.92 -0.56 -7.37	126.93 -0.77 -0.57	152.01 -0.87 0.00	170.51 -0.93 0.00	164.71 -0.91 0.00	156.61 -0.84 0.00	153.74 -1.31 0.00	150.87 -1.68 0.00	150.69 -1.97 0.00	157.05 -2.00 0.00
ONTARIO___LFGE 23819	108.41 -0.11 0.00	85.12 -0.13 0.00	79.07 -0.35 0.00	101.52 -1.01 0.00	76.50 -1.12 0.00	110.89 -1.55 0.00	136.56 -2.24 -0.69	158.41 -2.88 -3.30	168.49 -2.48 1.12	163.13 -1.80 -0.64	190.74 -2.87 -2.98	77.83 -2.16 32.64	103.00 -2.48 -11.65	97.03 -2.73 4.76	87.42 -2.24 -3.54	128.33 -3.06 -4.27	150.09 -2.78 0.00	168.83 -2.59 0.00	167.72 -2.58 -4.69	161.81 -2.67 -7.03	162.11 -3.31 -10.37	149.97 -4.42 -1.84	147.11 -4.76 0.80	154.89 -4.16 0.00
ORANGEVILLE_WT_PWR 323706	103.68 -4.83 0.00	81.16 -4.09 0.00	74.73 -4.68 0.00	95.27 -7.25 0.00	71.41 -6.20 0.00	103.04 -9.39 0.00	112.12 -12.91 13.07	106.29 -15.27 36.43	156.46 -14.41 1.22	145.75 -14.34 4.20	137.94 -18.48 34.21	44.63 -10.87 57.13	47.41 -10.21 36.20	29.92 -11.00 63.60	43.86 -8.93 33.33	83.77 -12.62 30.74	138.80 -14.08 0.00	155.61 -15.82 0.00	119.22 -15.64 30.75	56.37 -15.21 85.87	46.80 -15.40 92.84	38.91 -16.55 97.09	71.36 -16.33 64.98	145.03 -14.02 0.00
ORANGEVILLE___ESR 323794	103.68 -4.83 0.00	81.16 -4.09 0.00	74.73 -4.68 0.00	95.27 -7.25 0.00	71.41 -6.20 0.00	103.04 -9.39 0.00	112.12 -12.91 13.07	106.29 -15.27 36.43	156.46 -14.41 1.22	145.75 -14.34 4.20	137.94 -18.48 34.21	44.63 -10.87 57.13	47.41 -10.21 36.20	29.92 -11.00 63.60	43.86 -8.93 33.33	83.77 -12.62 30.74	138.80 -14.08 0.00	155.61 -15.82 0.00	119.22 -15.64 30.75	56.37 -15.21 85.87	46.80 -15.40 92.84	38.91 -16.55 97.09	71.36 -16.33 64.98	145.03 -14.02 0.00
OSWEGATCHIE___HYD 24044	110.14 1.62 0.00	86.51 1.27 0.00	80.65 1.24 0.00	104.35 1.82 0.00	78.37 0.76 0.00	113.48 1.04 0.00	138.98 0.88 0.00	160.60 2.62 0.00	175.39 3.30 0.00	164.22 -0.07 0.00	190.16 -0.48 -0.01	112.83 -1.42 -1.63	94.96 -0.52 -1.67	105.20 -0.80 -1.48	87.23 -0.74 -1.85	126.40 -0.87 -0.14	153.90 1.03 0.00	174.22 2.79 0.00	167.50 1.88 0.00	156.42 -1.03 0.00	153.36 -1.69 0.00	151.99 -0.56 0.00	153.44 0.77 0.00	162.54 3.49 0.00
OSWEGO___5 23606	105.69 -2.83 0.00	83.13 -2.11 0.00	77.38 -2.03 0.00	99.55 -2.98 0.00	75.39 -2.22 0.00	109.16 -3.27 0.00	134.07 -4.03 0.00	153.22 -4.76 0.00	167.11 -4.98 0.00	159.81 -4.48 0.00	185.30 -5.35 -0.02	114.02 -3.15 -4.55	95.72 -2.75 -4.65	105.60 -3.05 -4.13	88.94 -2.35 -5.17	124.04 -3.48 -0.40	148.69 -4.19 0.00	166.70 -4.74 0.00	161.07 -4.55 0.00	153.06 -4.39 0.00	150.39 -4.66 0.00	147.70 -4.85 0.00	147.70 -4.96 0.00	154.01 -5.04 0.00

OSWEGO___6 23613	105.69 -2.83 0.00	83.13 -2.11 0.00	77.38 -2.03 0.00	99.55 -2.98 0.00	75.39 -2.22 0.00	109.16 -3.27 0.00	134.07 -4.03 0.00	153.22 -4.76 0.00	167.11 -4.98 0.00	159.81 -4.48 0.00	185.30 -5.35 -0.02	114.02 -3.15 -4.55	95.72 -2.75 -4.65	105.60 -3.05 -4.13	88.94 -2.35 -5.17	124.04 -3.48 -0.40	148.69 -4.19 0.00	166.70 -4.74 0.00	161.07 -4.55 0.00	153.06 -4.39 0.00	150.39 -4.66 0.00	147.70 -4.85 0.00	147.70 -4.96 0.00	154.01 -5.04 0.00
OUTOKUMPU-AB___DRP 24206	101.66 -6.85 0.00	79.94 -5.31 0.00	73.84 -5.57 0.00	94.39 -8.14 0.00	71.52 -6.09 0.00	103.48 -8.95 0.00	121.98 -12.37 3.77	133.58 -14.48 9.93	157.17 -14.10 0.81	149.44 -13.80 1.05	163.29 -17.96 9.38	74.40 -10.47 27.76	80.54 -9.57 3.71	75.57 -10.56 18.39	72.03 -8.76 5.33	106.60 -13.02 7.51	136.98 -15.89 0.00	153.11 -18.32 0.00	140.86 -17.30 7.46	117.16 -16.91 23.38	113.19 -17.51 24.35	104.82 -18.43 29.30	114.19 -18.10 20.38	144.19 -14.86 0.00
OXBOW___BTM 323836	100.90 -7.62 0.00	79.39 -5.85 0.00	73.37 -6.04 0.00	93.78 -8.75 0.00	71.09 -6.52 0.00	102.86 -9.57 0.00	121.20 -13.20 3.70	132.70 -15.52 9.76	155.90 -15.38 0.81	148.27 -14.99 1.03	161.91 -19.49 9.22	73.81 -11.38 27.44	80.00 -10.29 3.52	74.89 -11.56 18.07	71.49 -9.47 5.15	105.86 -13.90 7.37	135.31 -17.57 0.00	151.24 -20.19 0.00	139.31 -18.88 7.42	116.33 -18.12 23.00	112.18 -18.92 23.94	104.02 -19.75 28.79	113.17 -19.46 20.04	142.63 -16.42 0.00
OXBOW____ 24026	100.91 -7.61 0.00	79.40 -5.84 0.00	73.37 -6.04 0.00	93.79 -8.74 0.00	71.09 -6.52 0.00	102.89 -9.54 0.00	121.16 -13.24 3.70	132.68 -15.54 9.76	155.97 -15.31 0.81	148.24 -15.02 1.03	161.92 -19.49 9.22	73.76 -11.43 27.44	79.99 -10.31 3.52	75.03 -11.42 18.07	71.49 -9.47 5.15	105.64 -14.12 7.37	135.47 -17.41 0.00	151.32 -20.11 0.00	139.30 -18.89 7.42	116.11 -18.34 23.00	112.17 -18.93 23.94	104.01 -19.76 28.79	113.12 -19.51 20.04	142.69 -16.36 0.00
OXY_CHEM_DSASP 323612	99.74 -8.78 0.00	78.51 -6.73 0.00	72.57 -6.84 0.00	92.80 -9.73 0.00	70.36 -7.25 0.00	101.80 -10.63 0.00	119.79 -14.68 3.63	131.07 -17.35 9.57	153.90 -17.39 0.80	146.25 -17.04 1.01	159.62 -21.97 9.04	72.63 -12.94 27.05	79.05 -11.47 3.30	74.09 -12.74 17.70	70.62 -10.55 4.94	104.15 -15.77 7.20	133.23 -19.64 0.00	148.70 -22.73 0.00	136.91 -21.35 7.36	114.36 -20.53 22.56	110.49 -21.09 23.47	102.59 -21.74 28.22	111.45 -21.56 19.65	140.53 -18.52 0.00
OZONE_PARK_ESR 323760	117.84 9.32 0.00	91.54 6.30 0.00	85.07 5.66 0.00	110.12 7.59 0.00	83.68 6.07 0.00	120.99 8.56 0.00	149.10 11.00 0.00	168.87 10.88 0.00	183.22 11.13 0.00	177.72 13.43 0.00	207.27 16.41 -0.23	187.32 10.99 -63.71	168.59 9.62 -65.15	172.95 10.57 -57.85	167.57 9.04 -72.41	163.32 13.39 -22.80	169.61 14.77 -1.77	186.20 14.84 0.00	180.46 15.30 0.00	172.75 14.65 0.00	169.69 14.05 0.00	166.60 13.94 0.00	166.60 13.94 0.00	170.42 11.37 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	99.74 -8.78 0.00	78.51 -6.73 0.00	72.57 -6.84 0.00	92.80 -9.73 0.00	70.36 -7.25 0.00	101.80 -10.63 0.00	119.79 -14.68 3.63	131.07 -17.35 9.57	153.90 -17.39 0.80	146.25 -17.04 1.01	159.62 -21.97 9.04	72.63 -12.94 27.05	79.05 -11.47 3.30	74.09 -12.74 17.70	70.62 -10.55 4.94	104.15 -15.77 7.20	133.23 -19.64 0.00	148.70 -22.73 0.00	136.91 -21.35 7.36	114.36 -20.53 22.56	110.49 -21.09 23.47	102.59 -21.74 28.22	111.45 -21.56 19.65	140.53 -18.52 0.00
PACKARD__115KV_DUPONT_184 80571	99.74 -8.78 0.00	78.51 -6.73 0.00	72.57 -6.84 0.00	92.80 -9.73 0.00	70.36 -7.25 0.00	101.80 -10.63 0.00	119.79 -14.68 3.63	131.07 -17.35 9.57	153.90 -17.39 0.80	146.25 -17.04 1.01	159.62 -21.97 9.04	72.63 -12.94 27.05	79.05 -11.47 3.30	74.09 -12.74 17.70	70.62 -10.55 4.94	104.15 -15.77 7.20	133.23 -19.64 0.00	148.70 -22.73 0.00	136.91 -21.35 7.36	114.36 -20.53 22.56	110.49 -21.09 23.47	102.59 -21.74 28.22	111.45 -21.56 19.65	140.53 -18.52 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	116.50 7.98 0.00	90.55 5.31 0.00	84.27 4.86 0.00	109.00 6.47 0.00	82.84 5.23 0.00	119.82 7.39 0.00	147.52 9.42 0.00	166.92 8.93 0.00	180.95 8.86 0.00	175.30 11.01 0.00	205.10 14.24 -0.23	185.94 9.60 -63.72	167.35 8.36 -65.16	171.57 9.18 -57.86	166.47 7.93 -72.42	161.48 11.57 -22.79	167.39 12.75 -1.77	183.69 12.25 0.00	177.97 12.34 -0.01	170.29 12.83 -0.01	167.37 12.31 -0.01	164.48 11.92 -0.01	164.61 11.94 -0.01	168.26 9.21 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	117.01 8.49 0.00	90.95 5.71 0.00	84.64 5.23 0.00	109.45 6.91 0.00	83.21 5.60 0.00	120.38 7.94 0.00	148.17 10.06 0.00	167.55 9.56 0.00	181.45 9.36 0.00	175.78 11.49 0.00	205.98 15.11 -0.23	186.46 10.12 -63.72	167.72 8.74 -65.16	172.01 9.63 -57.86	166.82 8.28 -72.42	161.99 12.08 -22.79	168.07 13.42 -1.77	184.38 12.95 0.00	178.84 13.21 -0.01	171.04 13.58 -0.01	167.90 12.84 -0.01	164.97 12.41 -0.01	165.10 12.43 -0.01	168.90 9.85 0.00
PATROON__115KV_TB1 80586	113.11 4.60 0.00	88.28 3.03 0.00	82.21 2.80 0.00	106.17 3.64 0.00	80.44 2.83 0.00	116.43 3.99 0.00	143.15 5.05 0.00	162.34 4.36 0.00	176.57 4.48 0.00	170.53 6.24 0.00	199.35 8.43 -0.29	196.82 5.43 -78.77	178.94 4.57 -80.55	181.22 5.18 -71.52	179.63 4.00 -89.52	139.60 5.60 -6.88	158.10 5.23 0.00	176.48 5.05 0.00	170.54 4.93 0.00	162.49 5.04 0.00	159.93 4.88 0.00	158.07 5.52 0.00	158.95 6.28 0.00	164.37 5.32 0.00
PATTRSNVILLE__SOLAR 323815	113.35 4.83 0.00	88.70 3.46 0.00	82.64 3.23 0.00	106.70 4.17 0.00	80.79 3.18 0.00	117.08 4.65 0.00	144.14 6.03 0.00	164.51 6.53 0.00	179.06 6.97 0.00	171.46 7.17 0.00	199.71 8.78 -0.30	200.94 5.33 -82.99	182.93 4.24 -84.86	184.61 4.73 -75.36	184.48 4.05 -94.32	140.55 6.18 -7.24	160.57 7.69 0.00	179.85 8.42 0.00	173.85 8.23 0.00	165.35 7.90 0.00	162.62 7.57 0.00	159.75 7.20 0.00	159.60 6.93 0.00	165.46 6.41 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	102.87 -5.65 0.00	80.77 -4.47 0.00	74.58 -4.83 0.00	95.43 -7.10 0.00	72.11 -5.50 0.00	104.36 -8.08 0.00	123.09 -10.93 4.10	134.62 -12.63 10.73	158.63 -12.51 0.95	151.07 -12.10 1.12	165.30 -15.19 10.15	71.04 -8.97 32.61	81.41 -8.51 3.90	74.92 -9.01 20.58	72.42 -7.74 5.96	108.16 -10.94 8.03	139.82 -13.06 0.00	156.24 -15.19 0.00	143.12 -14.38 8.12	118.22 -14.02 25.20	114.59 -14.32 26.14	105.59 -15.01 31.95	116.07 -14.24 22.35	147.14 -11.91 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	117.52 9.01 0.00	91.42 6.18 0.00	84.99 5.58 0.00	109.91 7.38 0.00	83.45 5.84 0.00	120.83 8.40 0.00	148.73 10.63 0.00	168.61 10.62 0.00	183.23 11.14 0.00	177.28 13.00 0.00	206.99 16.12 -0.24	187.58 10.54 -64.42	168.82 9.12 -65.88	173.08 10.06 -58.50	167.88 8.55 -73.22	151.13 12.57 -11.43	167.61 14.14 -0.60	185.68 14.25 0.00	179.85 14.23 0.00	171.95 14.50 0.00	169.00 13.96 0.00	165.92 13.37 0.00	165.76 13.10 0.00	170.05 11.00 0.00
PEEKSKILL____ 23653	115.80 7.29 0.00	90.02 4.78 0.00	83.71 4.29 0.00	108.28 5.76 0.00	82.21 4.60 0.00	118.89 6.46 0.00	146.30 8.20 0.00	165.57 7.58 0.00	179.72 7.63 0.00	173.97 9.68 0.00	203.02 12.15 -0.23	184.09 8.36 -63.10	165.69 7.34 -64.53	169.96 8.14 -57.30	164.82 6.98 -71.72	162.18 10.20 -24.85	166.08 11.23 -1.98	182.21 10.78 0.00	176.45 10.84 0.00	168.84 11.39 0.00	166.00 10.96 0.00	163.04 10.49 0.00	163.07 10.40 0.00	167.18 8.13 0.00

PGE MADISON___WINDPWR 24146	117.80 9.28 0.00	92.87 7.62 0.00	86.70 7.29 0.00	111.86 9.33 0.00	85.10 7.49 0.00	124.50 12.07 0.00	156.45 16.33 -2.01	182.08 19.75 -4.35	195.24 21.76 -1.39	184.03 19.53 -0.22	215.49 20.70 -4.17	200.79 11.44 -76.73	130.70 8.87 -28.00	161.58 10.32 -46.74	133.77 8.46 -39.20	146.25 14.36 -4.77	170.95 18.07 0.00	191.14 19.71 0.00	187.50 20.30 -1.59	187.35 19.25 -10.64	181.29 17.57 -8.67	187.02 15.28 -19.19	181.84 14.37 -14.80	172.81 13.76 0.00
PIERCEFIELD___HYD 23852	108.83 0.31 0.00	85.55 0.30 0.00	79.78 0.37 0.00	103.55 1.02 0.00	77.44 -0.17 0.00	111.57 -0.87 0.00	135.71 -2.39 0.00	157.53 -0.46 0.00	172.12 0.03 0.00	159.61 -4.68 0.00	184.67 -5.96 0.00	107.71 -4.91 0.00	91.48 -2.34 0.00	101.62 -2.90 0.00	83.48 -2.63 0.00	122.92 -4.21 0.00	149.96 -2.92 0.00	170.10 -1.33 0.00	163.88 -1.74 0.00	154.55 -2.90 0.00	153.23 -1.82 0.00	151.71 -0.84 0.00	152.93 0.26 0.00	161.92 2.87 0.00
PINELAWN_CC_1 323563	119.30 10.78 0.00	94.64 7.42 -1.98	98.02 7.02 -11.59	121.86 9.23 -10.09	93.75 7.35 -8.78	129.12 10.43 -6.26	152.60 12.99 -1.50	167.09 10.93 1.83	167.49 10.31 14.91	172.86 13.31 4.73	207.63 16.77 -0.23	188.39 11.62 -64.15	173.78 10.62 -69.34	177.96 11.60 -61.84	172.87 9.97 -76.79	172.67 15.07 -30.47	173.58 16.89 -3.82	187.92 16.49 0.00	181.23 15.61 0.00	176.78 16.52 -2.82	178.54 16.03 -7.46	174.17 15.58 -6.04	168.33 15.60 -0.06	171.17 12.12 0.00
PJM_GEN_HTP_PROXY 323702	116.58 8.07 0.00	90.57 5.32 0.00	84.20 4.78 0.00	109.03 6.50 0.00	82.82 5.21 0.00	119.75 7.32 0.00	147.42 9.31 0.00	166.94 8.88 -0.08	186.68 8.96 -5.63	161.30 11.19 14.18	205.60 13.82 -1.15	182.97 9.40 -60.95	167.28 8.31 -65.15	171.53 9.16 -57.85	166.34 7.82 -72.40	161.47 11.50 -22.84	167.39 12.75 -1.77	183.61 12.18 0.00	177.89 12.27 0.00	170.27 12.82 0.00	167.34 12.30 0.00	164.38 11.83 0.00	164.39 11.72 0.00	168.26 9.21 0.00
PJM_GEN_KEystone 24065	46.66 1.22 63.08	53.48 0.43 32.19	57.16 0.08 22.33	74.06 0.01 28.48	73.52 -0.01 4.08	56.44 -0.22 55.77	40.54 -0.65 96.92	153.76 -1.91 2.32	141.57 -2.24 28.29	67.85 -0.84 95.60	91.04 -0.78 98.81	57.64 -0.07 54.91	38.61 -0.12 55.08	35.17 -0.11 69.24	31.44 0.07 54.74	-2.96 0.25 130.34	67.87 -0.22 84.78	99.83 -1.49 70.11	161.59 -1.30 2.73	151.33 -0.34 5.78	137.67 -0.63 16.74	94.40 -1.12 57.03	79.20 -0.80 72.67	93.29 -1.54 64.22
PJM_GEN_NEPTUNE_PROXY 323594	110.59 9.62 7.55	83.24 6.68 8.68	87.00 6.21 -1.38	111.83 8.25 -1.05	85.19 6.54 -1.04	122.37 9.20 -0.74	147.64 11.47 1.94	162.34 9.55 5.19	162.63 8.81 18.27	141.94 11.77 34.12	183.82 14.66 21.47	162.72 10.23 -39.87	151.04 9.39 -47.83	151.10 10.24 -36.34	149.33 8.82 -54.40	149.82 13.22 -9.47	152.65 14.69 14.91	163.89 13.89 21.43	159.99 13.29 18.92	156.11 14.39 15.73	151.61 13.95 17.39	150.37 13.59 15.78	146.26 13.73 20.13	149.04 10.50 20.52
PJM_GEN_VFT_PROXY 323633	115.86 9.62 0.00	90.00 4.76 0.00	83.67 4.25 0.00	108.36 5.83 0.00	82.37 4.75 0.00	118.99 6.56 0.00	146.56 8.45 0.00	165.93 7.87 -0.08	185.48 7.76 -5.63	160.26 10.15 14.18	204.39 12.61 -1.15	182.30 8.73 -60.95	166.71 7.73 -65.15	170.89 8.51 -57.85	165.82 7.29 -72.41	131.78 10.70 6.05	129.62 11.78 35.04	181.45 11.11 1.09	172.27 11.25 4.60	169.38 11.93 0.00	166.39 11.34 0.00	163.44 10.89 0.00	163.47 10.81 0.00	167.21 8.16 0.00
PLATSBURG_115KV_PMLD1 355749	109.47 0.95 0.00	86.01 0.77 0.00	80.10 0.68 0.00	103.41 0.88 0.00	78.38 0.77 0.00	113.50 1.07 0.00	139.90 1.80 0.00	160.88 2.89 0.00	175.29 3.20 0.00	166.02 1.73 0.00	191.40 0.76 0.00	111.54 -1.09 0.00	92.88 -0.94 0.00	103.34 -1.18 0.00	84.41 -1.71 0.00	124.94 -2.19 0.00	152.32 -0.55 0.00	172.75 1.32 0.00	167.36 1.74 0.00	158.16 0.70 0.00	155.88 0.83 0.00	153.26 0.71 0.00	152.74 0.08 0.00	159.76 0.71 0.00
PLEASANTVLY___LBMP 24000	115.27 6.75 0.00	89.63 4.38 0.00	83.36 3.95 0.00	107.78 5.24 0.00	81.75 4.14 0.00	118.23 5.80 0.00	145.42 7.31 0.00	164.59 6.61 0.00	178.83 6.74 0.00	173.00 8.72 0.00	202.14 11.26 -0.24	186.91 7.63 -66.66	168.66 6.66 -68.17	172.47 7.41 -60.54	168.22 6.33 -75.77	147.87 9.17 -11.58	163.41 9.95 -0.59	181.25 9.82 0.00	175.52 9.90 0.00	167.77 10.32 0.00	164.99 9.94 0.00	162.12 9.57 0.00	162.16 9.50 0.00	166.51 7.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	116.42 7.91 0.00	90.56 5.31 0.00	84.20 4.79 0.00	108.92 6.39 0.00	82.69 5.08 0.00	119.63 7.20 0.00	147.17 9.06 0.00	166.61 8.62 0.00	180.89 8.80 0.00	175.13 10.85 0.00	204.49 13.63 -0.23	185.82 9.17 -64.03	167.36 8.06 -65.48	171.57 8.91 -58.14	166.49 7.60 -72.77	158.60 11.20 -20.27	166.70 12.32 -1.51	183.08 11.65 0.00	177.28 11.66 0.00	169.62 12.17 0.00	166.71 11.67 0.00	163.78 11.23 0.00	163.74 11.07 0.00	167.88 8.83 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	116.42 7.91 0.00	90.56 5.31 0.00	84.20 4.79 0.00	108.92 6.39 0.00	82.69 5.08 0.00	119.63 7.20 0.00	147.17 9.06 0.00	166.61 8.62 0.00	180.89 8.80 0.00	175.13 10.85 0.00	204.49 13.63 -0.23	185.82 9.17 -64.03	167.36 8.06 -65.48	171.57 8.91 -58.14	166.49 7.60 -72.77	158.60 11.20 -20.27	166.70 12.32 -1.51	183.08 11.65 0.00	177.28 11.66 0.00	169.62 12.17 0.00	166.71 11.67 0.00	163.78 11.23 0.00	163.74 11.07 0.00	167.88 8.83 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	116.47 7.95 0.00	90.60 5.35 0.00	84.23 4.82 0.00	108.88 6.35 0.00	82.60 4.99 0.00	119.54 7.10 0.00	147.06 8.96 0.00	166.73 8.74 0.00	181.26 9.17 0.00	175.29 11.00 0.00	204.72 13.85 -0.24	187.03 9.09 -65.32	168.52 7.90 -66.79	172.59 8.75 -59.31	167.82 7.47 -74.23	143.67 10.84 -5.70	164.90 12.02 0.00	183.81 12.38 0.00	178.09 12.47 0.00	170.12 12.67 0.00	167.21 12.16 0.00	164.22 11.67 0.00	164.11 11.44 0.00	168.58 9.53 0.00
POLETTI___ 23519	116.40 7.88 0.00	90.37 5.12 0.00	83.99 4.58 0.00	108.88 6.35 0.00	82.71 5.10 0.00	119.62 7.19 0.00	147.31 9.20 0.00	166.70 8.71 0.00	180.45 8.36 0.00	175.10 10.81 0.00	204.19 13.32 -0.23	185.47 9.13 -63.71	167.16 8.19 -65.15	171.34 8.96 -57.85	166.28 7.75 -72.41	161.41 11.48 -22.80	167.20 12.55 -1.77	183.21 11.78 0.00	177.56 11.94 0.00	170.08 12.63 0.00	167.11 12.06 0.00	164.30 11.75 0.00	164.39 11.72 0.00	168.01 8.96 0.00
POMONA___ESR 323819	115.56 7.04 0.00	89.85 4.61 0.00	83.54 4.13 0.00	108.07 5.54 0.00	82.05 4.44 0.00	118.63 6.19 0.00	145.97 7.86 0.00	165.26 7.28 0.00	179.22 7.13 0.00	173.40 9.12 0.00	202.10 11.24 -0.22	181.84 7.91 -61.31	163.49 6.97 -62.69	167.95 7.76 -55.67	162.46 6.67 -69.68	118.91 9.71 17.92	161.22 10.73 2.39	181.62 10.19 0.00	175.81 10.19 0.00	168.39 10.94 0.00	165.60 10.55 0.00	162.64 10.09 0.00	162.64 9.98 0.00	166.77 7.71 0.00
PORT_JEFF_3 23555	114.68 10.66 4.49	88.18 7.31 4.37	91.84 6.93 -5.51	116.45 9.21 -4.71	89.17 7.39 -4.17	126.00 10.59 -2.97	150.55 13.00 0.55	163.78 9.67 3.87	160.38 8.62 20.33	161.78 11.51 14.01	191.72 14.69 13.61	174.03 10.43 -50.98	160.05 10.05 -56.18	161.91 11.15 -46.24	158.67 9.46 -63.09	159.14 14.40 -17.62	161.15 15.91 7.64	173.27 14.95 13.12	167.96 13.92 11.58	164.05 15.13 8.53	162.25 14.94 7.74	160.06 14.83 7.31	155.46 15.09 12.29	158.11 11.61 12.55

PORT_JEFF_4 23616	114.68 10.66 4.49	88.18 7.31 4.37	91.84 6.93 -5.51	116.45 9.21 -4.71	89.17 7.39 -4.17	126.00 10.59 -2.97	150.55 13.00 0.55	163.78 9.67 3.87	160.38 8.62 20.33	161.78 11.51 14.01	191.72 14.69 13.61	174.03 10.43 -50.98	160.05 10.05 -56.18	161.91 11.15 -46.24	158.67 9.46 -63.09	159.14 14.40 -17.62	161.15 15.91 7.64	173.27 14.95 13.12	167.96 13.92 11.58	164.05 15.13 8.53	162.25 14.94 7.74	160.06 14.83 7.31	155.46 15.09 12.29	158.11 11.61 12.55
PORT_JEFF_IC 23713	114.99 10.85 4.37	88.48 7.44 4.20	92.11 7.04 -5.67	116.73 9.35 -4.86	89.41 7.50 -4.29	126.25 10.75 -3.06	150.79 13.18 0.49	163.90 9.74 3.82	161.25 9.34 20.18	162.12 11.61 13.78	192.71 15.33 13.25	174.73 10.79 -51.31	160.67 10.34 -56.51	162.49 11.34 -46.63	159.11 9.55 -63.43	159.30 14.23 -17.94	161.26 15.73 7.35	173.92 15.27 12.78	168.71 14.37 11.28	164.38 15.17 8.24	162.85 15.16 7.36	160.34 14.76 6.97	155.64 14.95 11.98	158.58 11.76 12.24
PPL PILGRIM_ST_GT1 24216	115.94 11.20 3.78	89.60 7.72 3.36	93.23 7.34 -6.47	117.82 9.72 -5.57	90.28 7.76 -4.91	127.01 11.08 -3.50	151.56 13.68 0.22	165.62 11.18 3.55	162.90 10.31 19.49	165.04 13.38 12.63	196.13 17.05 11.55	177.35 11.79 -52.94	162.86 10.90 -58.14	165.03 11.95 -48.56	161.50 10.26 -65.13	162.20 15.54 -19.53	164.39 17.45 5.93	177.35 17.08 11.16	171.81 16.05 9.85	167.48 16.87 6.84	166.03 16.46 5.48	163.30 16.07 5.33	158.35 16.14 10.46	160.88 12.52 10.69
PPL PILGRIM_ST_GT2 24217	115.94 11.20 3.78	89.60 7.72 3.36	93.23 7.34 -6.47	117.82 9.72 -5.57	90.28 7.76 -4.91	127.01 11.08 -3.50	151.56 13.68 0.22	165.62 11.18 3.55	162.90 10.31 19.49	165.04 13.38 12.63	196.13 17.05 11.55	177.35 11.79 -52.94	162.86 10.90 -58.14	165.03 11.95 -48.56	161.50 10.26 -65.13	162.20 15.54 -19.53	164.39 17.45 5.93	177.35 17.08 11.16	171.81 16.05 9.85	167.48 16.87 6.84	166.03 16.46 5.48	163.30 16.07 5.33	158.35 16.14 10.46	160.88 12.52 10.69
PPL_SHRM_GT3 24213	115.28 11.21 4.44	88.67 7.73 4.30	92.31 7.32 -5.57	117.01 9.72 -4.77	89.65 7.82 -4.22	126.76 11.32 -3.01	151.59 14.01 0.53	165.74 11.60 3.85	162.78 10.96 20.27	164.25 13.88 13.92	194.72 17.56 13.46	175.85 12.11 -51.12	161.29 11.15 -56.31	163.20 12.28 -46.40	159.92 10.58 -63.23	161.06 16.19 -17.75	163.78 18.43 7.52	177.01 18.55 12.98	171.45 17.29 11.46	167.13 18.10 8.41	165.24 17.78 7.59	162.72 17.34 7.17	157.76 17.26 12.17	160.31 13.68 12.42
PPL_SHRM_GT4 24214	115.28 11.21 4.44	88.67 7.73 4.30	92.31 7.32 -5.57	117.01 9.72 -4.77	89.65 7.82 -4.22	126.76 11.32 -3.01	151.59 14.01 0.53	165.74 11.60 3.85	162.78 10.96 20.27	164.25 13.88 13.92	194.72 17.56 13.46	175.85 12.11 -51.12	161.29 11.15 -56.31	163.20 12.28 -46.40	159.92 10.58 -63.23	161.06 16.19 -17.75	163.78 18.43 7.52	177.01 18.55 12.98	171.45 17.29 11.46	167.13 18.10 8.41	165.24 17.78 7.59	162.72 17.34 7.17	157.76 17.26 12.17	160.31 13.68 12.42
PROJECT___ORANGE 1 24174	107.18 -1.34 0.00	84.24 -1.00 0.00	78.37 -1.04 0.00	100.82 -1.71 0.00	76.37 -1.24 0.00	110.65 -1.78 0.00	135.95 -2.15 0.00	155.34 -2.65 0.00	169.54 -2.56 0.00	162.24 -2.05 0.00	188.24 -2.41 -0.02	116.89 -1.45 -5.72	98.17 -1.50 -5.85	108.08 -1.63 -5.19	91.51 -1.11 -6.50	126.11 -1.52 -0.50	151.12 -1.76 0.00	169.29 -2.14 0.00	163.55 -2.07 0.00	155.47 -1.98 0.00	152.70 -2.35 0.00	149.82 -2.73 0.00	149.74 -2.93 0.00	156.05 -3.00 0.00
PROJECT___ORANGE 2 24166	107.18 -1.34 0.00	84.24 -1.00 0.00	78.37 -1.04 0.00	100.82 -1.71 0.00	76.37 -1.24 0.00	110.65 -1.78 0.00	135.95 -2.15 0.00	155.34 -2.65 0.00	169.54 -2.56 0.00	162.24 -2.05 0.00	188.24 -2.41 -0.02	116.89 -1.45 -5.72	98.17 -1.50 -5.85	108.08 -1.63 -5.19	91.51 -1.11 -6.50	126.11 -1.52 -0.50	151.12 -1.76 0.00	169.29 -2.14 0.00	163.55 -2.07 0.00	155.47 -1.98 0.00	152.70 -2.35 0.00	149.82 -2.73 0.00	149.74 -2.93 0.00	156.05 -3.00 0.00
PUCKETT___SOLAR 323809	110.91 2.40 0.00	87.14 1.90 0.00	81.08 1.67 0.00	104.48 1.96 0.00	79.24 1.63 0.00	115.04 2.60 0.00	141.43 3.32 0.00	161.78 3.79 0.00	176.25 4.17 0.00	167.87 3.58 0.00	193.51 2.80 -0.08	134.65 0.99 -21.04	115.79 0.45 -21.52	124.60 0.98 -19.11	111.30 1.26 -23.92	131.79 2.83 -1.84	156.85 3.98 0.00	175.95 4.52 0.00	169.95 4.33 0.00	161.78 4.33 0.00	158.77 3.72 0.00	155.16 2.62 0.01	154.95 2.29 0.00	161.05 2.00 0.00
PYRITES___HYD 24023	110.53 2.01 0.00	86.95 1.71 0.00	81.10 1.69 0.00	105.30 2.77 0.00	78.79 1.18 0.00	113.77 1.34 0.00	138.75 0.64 0.00	161.30 3.32 0.00	176.09 4.00 0.00	162.29 -2.00 0.00	186.68 -3.95 0.00	108.81 -3.81 0.00	92.39 -1.43 0.00	102.58 -1.94 0.00	84.26 -1.86 0.00	124.59 -2.54 0.00	152.66 -0.21 0.00	173.92 2.49 0.00	167.70 2.08 0.00	158.27 0.82 0.00	156.84 1.79 0.00	154.89 2.34 0.00	155.76 3.10 0.00	164.82 5.77 0.00
QUAKERRD_115KV_BK1 80622	103.42 -5.10 0.00	81.34 -3.90 0.00	75.50 -3.91 0.00	96.90 -5.63 0.00	73.41 -4.20 0.00	106.42 -6.01 0.00	129.84 -7.81 0.46	148.19 -9.02 0.78	162.72 -8.91 0.46	155.92 -8.37 0.00	179.16 -10.70 0.77	95.40 -6.36 10.86	94.06 -5.76 -6.01	96.57 -6.40 1.56	84.70 -5.21 -3.79	119.68 -7.64 -0.19	144.04 -8.84 0.00	161.39 -10.04 0.00	155.93 -9.69 0.00	145.80 -9.61 2.04	143.61 -10.16 1.27	137.24 -10.83 4.48	137.91 -11.03 3.73	149.26 -9.79 0.00
QUEENSBRY_115KV_TB8 356137	116.41 7.89 0.00	90.73 5.49 0.00	84.55 5.14 0.00	109.11 6.57 0.00	82.84 5.22 0.00	120.17 7.74 0.00	148.39 10.28 0.00	169.11 11.13 0.00	184.83 12.74 0.00	178.00 13.71 0.00	208.60 17.67 -0.30	203.80 10.42 -80.75	184.74 8.33 -82.58	187.20 9.35 -73.33	185.56 7.66 -91.78	145.57 11.39 -7.05	166.20 13.33 0.00	186.45 15.02 0.00	180.36 14.74 0.00	171.18 13.73 0.00	168.59 13.54 0.00	165.38 12.83 0.00	164.62 11.96 0.00	170.26 11.21 0.00
RAMAPO___LBMP 323565	115.10 6.58 0.00	89.52 4.27 0.00	83.23 3.82 0.00	107.67 5.14 0.00	81.73 4.13 0.00	118.17 5.74 0.00	145.38 7.28 0.00	164.61 6.62 0.00	178.58 6.49 0.00	172.77 8.48 0.00	201.46 10.61 -0.22	181.23 7.46 -61.14	162.90 6.54 -62.53	167.33 7.28 -55.52	161.89 6.28 -69.49	119.07 9.15 17.21	160.52 9.96 2.31	180.89 9.46 0.00	175.17 9.55 0.00	167.74 10.29 0.00	164.92 9.87 0.00	161.95 9.40 0.00	161.98 9.32 0.00	166.17 7.12 0.00
RANKINE____ 23646	102.57 -5.94 0.00	80.54 -4.71 0.00	74.31 -5.10 0.00	94.94 -7.59 0.00	71.80 -5.82 0.00	103.87 -8.56 0.00	121.78 -11.69 4.64	131.98 -13.67 12.33	157.99 -13.17 0.93	150.10 -12.87 1.32	162.27 -16.72 11.64	69.81 -9.86 32.95	78.43 -9.19 6.20	71.51 -9.93 23.07	70.04 -8.27 7.80	105.63 -11.99 9.50	138.63 -14.25 0.00	154.87 -16.56 0.00	140.17 -15.83 9.62	112.85 -15.57 29.02	108.62 -16.04 30.39	99.87 -16.92 35.76	111.51 -16.38 24.77	145.58 -13.47 0.00
RAVENSWOOD_GT2_1 24244	116.66 8.14 0.00	90.62 5.38 0.00	84.24 4.83 0.00	109.08 6.55 0.00	82.85 5.24 0.00	119.85 7.42 0.00	147.51 9.41 0.00	167.01 9.03 0.00	181.10 9.01 0.00	175.63 11.34 0.00	204.92 14.06 -0.23	185.87 9.54 -63.72	167.41 8.43 -65.16	171.62 9.25 -57.86	166.45 7.92 -72.41	161.63 11.73 -22.78	167.57 12.93 -1.77	183.75 12.31 0.00	178.11 12.49 0.00	170.51 13.06 0.00	167.50 12.45 0.00	164.57 12.02 0.00	164.58 11.91 0.00	168.40 9.34 0.00

RAVENSWOOD_GT2_2 24245	116.66 8.14 0.00	90.62 5.38 0.00	84.24 4.83 0.00	109.08 6.55 0.00	82.85 5.24 0.00	119.85 7.42 0.00	147.51 9.41 0.00	167.01 9.03 0.00	181.10 9.01 0.00	175.63 11.34 0.00	204.92 14.06 -0.23	185.87 9.54 -63.72	167.41 8.43 -65.16	171.62 9.25 -57.86	166.45 7.92 -72.41	161.63 11.73 -22.78	167.57 12.93 -1.77	183.75 12.31 0.00	178.11 12.49 0.00	170.51 13.06 0.00	167.50 12.45 0.00	164.57 12.02 0.00	164.58 11.91 0.00	168.40 9.34 0.00
RAVENSWOOD_GT2_3 24246	116.71 8.19 0.00	90.66 5.42 0.00	84.27 4.86 0.00	109.14 6.61 0.00	82.90 5.29 0.00	119.86 7.43 0.00	147.61 9.50 0.00	167.08 9.09 0.00	181.21 9.12 0.00	175.74 11.45 0.00	205.03 14.16 -0.23	185.98 9.64 -63.72	167.46 8.49 -65.16	171.68 9.31 -57.86	166.50 7.97 -72.41	161.67 11.76 -22.78	167.62 12.98 -1.77	183.90 12.47 0.00	178.19 12.58 0.00	170.59 13.13 0.00	167.60 12.55 0.00	164.62 12.07 0.00	164.69 12.03 0.00	168.47 9.42 0.00
RAVENSWOOD_GT2_4 24247	116.71 8.19 0.00	90.66 5.42 0.00	84.27 4.86 0.00	109.14 6.61 0.00	82.90 5.29 0.00	119.86 7.43 0.00	147.61 9.50 0.00	167.08 9.09 0.00	181.21 9.12 0.00	175.74 11.45 0.00	205.03 14.16 -0.23	185.98 9.64 -63.72	167.46 8.49 -65.16	171.68 9.31 -57.86	166.50 7.97 -72.41	161.67 11.76 -22.78	167.62 12.98 -1.77	183.90 12.47 0.00	178.19 12.58 0.00	170.59 13.13 0.00	167.60 12.55 0.00	164.62 12.07 0.00	164.69 12.03 0.00	168.47 9.42 0.00
RAVENSWOOD_GT3_1 24248	116.66 8.14 0.00	90.62 5.38 0.00	84.24 4.83 0.00	109.08 6.55 0.00	82.85 5.24 0.00	119.85 7.42 0.00	147.51 9.41 0.00	167.01 9.03 0.00	181.10 9.01 0.00	175.64 11.35 0.00	204.92 14.06 -0.23	185.89 9.55 -63.72	167.41 8.43 -65.16	171.62 9.25 -57.86	166.45 7.92 -72.41	161.63 11.73 -22.78	167.57 12.93 -1.77	183.76 12.33 0.00	178.11 12.49 0.00	170.51 13.06 0.00	167.51 12.46 0.00	164.57 12.02 0.00	164.58 11.91 0.00	168.40 9.34 0.00
RAVENSWOOD_GT3_2 24249	116.66 8.14 0.00	90.62 5.38 0.00	84.24 4.83 0.00	109.08 6.55 0.00	82.85 5.24 0.00	119.85 7.42 0.00	147.51 9.41 0.00	167.01 9.03 0.00	181.10 9.01 0.00	175.64 11.35 0.00	204.92 14.06 -0.23	185.89 9.55 -63.72	167.41 8.43 -65.16	171.62 9.25 -57.86	166.45 7.92 -72.41	161.63 11.73 -22.78	167.57 12.93 -1.77	183.76 12.33 0.00	178.11 12.49 0.00	170.51 13.06 0.00	167.51 12.46 0.00	164.57 12.02 0.00	164.58 11.91 0.00	168.40 9.34 0.00
RAVENSWOOD_GT3_3 24250	116.83 8.31 0.00	90.76 5.51 0.00	84.36 4.95 0.00	109.24 6.71 0.00	82.98 5.37 0.00	119.98 7.55 0.00	147.74 9.64 0.00	167.26 9.28 0.00	181.40 9.31 0.00	175.94 11.65 0.00	205.27 14.40 -0.23	186.09 9.75 -63.72	167.57 8.59 -65.16	171.82 9.45 -57.86	166.60 8.07 -72.41	161.89 11.98 -22.78	167.82 13.18 -1.77	184.09 12.66 0.00	178.43 12.81 0.00	170.79 13.34 0.00	167.78 12.73 0.00	164.84 12.29 0.00	164.87 12.21 0.00	168.66 9.61 0.00
RAVENSWOOD_GT3_4 24251	116.83 8.31 0.00	90.76 5.51 0.00	84.36 4.95 0.00	109.24 6.71 0.00	82.98 5.37 0.00	119.98 7.55 0.00	147.74 9.64 0.00	167.26 9.28 0.00	181.40 9.31 0.00	175.94 11.65 0.00	205.27 14.40 -0.23	186.09 9.75 -63.72	167.57 8.59 -65.16	171.82 9.45 -57.86	166.60 8.07 -72.41	161.89 11.98 -22.78	167.82 13.18 -1.77	184.09 12.66 0.00	178.43 12.81 0.00	170.79 13.34 0.00	167.78 12.73 0.00	164.84 12.29 0.00	164.87 12.21 0.00	168.66 9.61 0.00
RAVENSWOOD_GT_1 23729	117.30 8.53 -0.24	92.81 5.74 -1.83	87.02 5.17 -2.43	109.47 6.94 0.00	84.84 5.56 -1.68	120.26 7.83 0.00	148.10 9.99 0.00	167.70 9.71 0.00	181.81 9.72 0.00	209.56 12.10 -33.17	407.50 14.98 -201.89	271.54 10.16 -148.75	257.37 8.95 -154.60	307.83 9.84 -193.47	267.17 8.41 -172.65	305.33 12.40 -165.80	378.44 13.74 -211.83	226.48 13.14 -41.92	492.88 13.43 -313.83	427.42 13.96 -256.01	256.92 13.36 -88.52	244.71 12.87 -79.29	270.91 12.82 -105.43	228.08 10.19 -58.84
RAVENSWOOD_GT_10 24258	116.64 8.12 0.00	90.61 5.37 0.00	84.24 4.83 0.00	109.06 6.53 0.00	82.83 5.22 0.00	119.82 7.39 0.00	147.51 9.41 0.00	167.00 9.01 0.00	181.07 8.98 0.00	175.61 11.32 0.00	204.89 14.02 -0.23	185.94 9.53 -63.79	167.39 8.41 -65.16	171.61 9.24 -57.86	166.42 7.89 -72.41	161.74 11.72 -22.89	167.50 12.86 -1.77	183.75 12.31 0.00	178.08 12.45 -0.01	170.23 13.02 0.23	167.63 12.42 -0.16	164.53 11.98 0.00	164.57 11.90 0.00	168.38 9.33 0.00
RAVENSWOOD_GT_11 24259	116.64 8.12 0.00	90.61 5.37 0.00	84.24 4.83 0.00	109.06 6.53 0.00	82.83 5.22 0.00	119.82 7.39 0.00	147.51 9.41 0.00	167.00 9.01 0.00	181.07 8.98 0.00	175.61 11.32 0.00	204.89 14.02 -0.23	185.94 9.53 -63.79	167.39 8.41 -65.16	171.61 9.24 -57.86	166.42 7.89 -72.41	161.74 11.72 -22.89	167.50 12.86 -1.77	183.75 12.31 0.00	178.08 12.45 -0.01	170.23 13.02 0.23	167.63 12.42 -0.16	164.53 11.98 0.00	164.57 11.90 0.00	168.38 9.33 0.00
RAVENSWOOD_GT_4 24252	116.80 8.10 -0.19	91.95 5.32 -1.39	86.05 4.78 -1.86	109.01 6.48 0.00	84.08 5.20 -1.28	119.74 7.30 0.00	147.44 9.34 0.00	166.88 8.89 0.00	181.03 8.94 0.00	200.83 11.28 -25.26	358.33 13.91 -153.79	250.52 9.43 -128.47	235.42 8.34 -133.26	274.79 9.15 -161.12	242.70 7.84 -148.74	270.41 11.60 -131.69	327.38 12.79 -161.72	213.56 12.22 -29.91	414.68 12.33 -236.74	361.23 12.90 -190.88	234.76 12.31 -67.40	224.79 11.87 -60.37	244.70 11.76 -80.27	213.06 9.21 -44.80
RAVENSWOOD_GT_5 24254	116.80 8.10 -0.19	91.95 5.32 -1.39	86.05 4.78 -1.86	109.01 6.48 0.00	84.08 5.20 -1.28	119.74 7.30 0.00	147.44 9.34 0.00	166.88 8.89 0.00	181.03 8.94 0.00	200.83 11.28 -25.26	358.33 13.91 -153.79	250.52 9.43 -128.47	235.42 8.34 -133.26	274.79 9.15 -161.12	242.70 7.84 -148.74	270.41 11.60 -131.69	327.38 12.79 -161.72	213.56 12.22 -29.91	414.68 12.33 -236.74	361.23 12.90 -190.88	234.76 12.31 -67.40	224.79 11.87 -60.37	244.70 11.76 -80.27	213.06 9.21 -44.80
RAVENSWOOD_GT_6 24253	116.80 8.10 -0.19	91.95 5.32 -1.39	86.05 4.78 -1.86	109.01 6.48 0.00	84.08 5.20 -1.28	119.74 7.30 0.00	147.44 9.34 0.00	166.88 8.89 0.00	181.03 8.94 0.00	200.83 11.28 -25.26	358.33 13.91 -153.79	250.52 9.43 -128.47	235.42 8.34 -133.26	274.79 9.15 -161.12	242.70 7.84 -148.74	270.41 11.60 -131.69	327.38 12.79 -161.72	213.56 12.22 -29.91	414.68 12.33 -236.74	361.23 12.90 -190.88	234.76 12.31 -67.40	224.79 11.87 -60.37	244.70 11.76 -80.27	213.06 9.21 -44.80
RAVENSWOOD_GT_7 24255	116.80 8.10 -0.19	91.95 5.32 -1.39	86.05 4.78 -1.86	109.01 6.48 0.00	84.08 5.20 -1.28	119.74 7.30 0.00	147.44 9.34 0.00	166.88 8.89 0.00	181.03 8.94 0.00	200.83 11.28 -25.26	358.33 13.91 -153.79	250.52 9.43 -128.47	235.42 8.34 -133.26	274.79 9.15 -161.12	242.70 7.84 -148.74	270.41 11.60 -131.69	327.38 12.79 -161.72	213.56 12.22 -29.91	414.68 12.33 -236.74	361.23 12.90 -190.88	234.76 12.31 -67.40	224.79 11.87 -60.37	244.70 11.76 -80.27	213.06 9.21 -44.80
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	116.64 8.12 0.00	90.61 5.37 0.00	84.24 4.83 0.00	109.06 6.53 0.00	82.83 5.22 0.00	119.82 7.39 0.00	147.51 9.41 0.00	167.00 9.01 0.00	181.07 8.98 0.00	175.61 11.32 0.00	204.89 14.02 -0.23	185.94 9.53 -63.79	167.39 8.41 -65.16	171.61 9.24 -57.86	166.42 7.89 -72.41	161.74 11.72 -22.89	167.50 12.86 -1.77	183.75 12.31 0.00	178.08 12.45 -0.01	170.23 13.02 0.23	167.63 12.42 -0.16	164.53 11.98 0.00	164.57 11.90 0.00	168.38 9.33 0.00

RAVENSWOOD_GT_9 24257	116.64 8.12 0.00	90.61 5.37 0.00	84.24 4.83 0.00	109.06 6.53 0.00	82.83 5.22 0.00	119.82 7.39 0.00	147.51 9.41 0.00	167.00 9.01 0.00	181.07 8.98 0.00	175.61 11.32 0.00	204.89 14.02 -0.23	185.94 9.53 -63.79	167.39 8.41 -65.16	171.61 9.24 -57.86	166.42 7.89 -72.41	161.74 11.72 -22.89	167.50 12.86 -1.77	183.75 12.31 0.00	178.08 13.02 -0.01	170.23 13.02 0.23	167.63 12.42 -0.16	164.53 11.98 0.00	164.57 11.90 0.00	168.38 9.33 0.00
RAVENSWOOD___1 23533	116.69 8.41 0.24	89.11 5.66 1.80	82.12 5.11 2.40	109.45 6.92 0.00	81.49 5.53 1.65	120.21 7.78 0.00	148.00 9.89 0.00	167.57 9.58 0.00	181.71 9.62 0.00	143.49 11.87 32.67	7.09 14.81 198.35	104.12 10.07 18.57	79.78 8.87 22.91	38.60 9.76 75.68	68.17 8.33 26.28	23.59 12.23 115.77	-38.53 13.69 205.09	145.72 12.97 38.68	-124.61 13.31 303.54	-75.66 13.75 246.86	84.36 13.19 83.87	87.20 12.72 78.07	61.47 12.62 103.81	111.12 10.01 57.94
RAVENSWOOD___2 23534	116.79 8.27 0.00	90.79 5.54 0.00	84.41 5.00 0.00	109.26 6.73 0.00	83.01 5.40 0.00	120.03 7.59 0.00	147.77 9.66 0.00	167.33 9.34 0.00	181.45 9.36 0.00	175.93 11.64 0.00	205.27 14.40 -0.23	186.99 9.92 -64.45	167.73 8.74 -65.16	172.01 9.62 -57.86	166.74 8.20 -72.42	163.12 12.06 -23.94	168.08 13.44 -1.77	186.06 12.69 -1.93	181.56 13.04 -2.90	173.75 13.54 -2.76	169.71 12.99 -1.67	165.08 12.53 -0.01	165.08 12.41 -0.01	168.84 9.78 0.00
RAVENSWOOD___3 23535	116.66 8.14 0.00	90.62 5.38 0.00	84.26 4.84 0.00	109.08 6.55 0.00	82.87 5.26 0.00	119.85 7.42 0.00	147.54 9.43 0.00	167.00 9.01 0.00	181.17 9.08 0.00	175.61 11.32 0.00	204.92 14.06 -0.23	185.90 9.56 -63.72	167.41 8.43 -65.16	171.66 9.28 -57.86	166.46 7.93 -72.41	161.60 11.69 -22.78	167.58 12.94 -1.77	183.80 12.37 0.00	178.12 12.51 0.00	170.48 13.03 0.00	167.51 12.46 0.00	164.55 12.00 0.00	164.61 11.94 0.00	168.43 9.38 0.00
RAVENSWOOD___4 23820	116.69 8.41 0.24	89.11 5.66 1.80	82.12 5.11 2.40	109.45 6.92 0.00	81.49 5.53 1.65	120.21 7.78 0.00	148.00 9.89 0.00	167.57 9.58 0.00	181.71 9.62 0.00	143.49 11.87 32.67	7.09 14.81 198.35	104.12 10.07 18.57	79.78 8.87 22.91	38.60 9.76 75.68	68.17 8.33 26.28	23.59 12.23 115.77	-38.53 13.69 205.09	145.72 12.97 38.68	-124.61 13.31 303.54	-75.66 13.75 246.86	84.36 13.19 83.87	87.20 12.72 78.07	61.47 12.62 103.81	111.12 10.01 57.94
RCPI_TRUST___DRP 24196	116.75 8.24 0.00	90.70 5.46 0.00	84.30 4.89 0.00	109.18 6.65 0.00	82.91 5.30 0.00	119.94 7.51 0.00	147.65 9.54 0.00	167.17 9.19 0.00	181.40 9.31 0.00	175.89 11.60 0.00	205.03 14.16 -0.23	185.87 9.54 -63.71	167.42 8.45 -65.15	171.69 9.32 -57.85	166.49 7.97 -72.40	161.74 11.77 -22.84	167.62 12.98 -1.77	183.87 12.44 0.00	178.16 12.55 0.00	170.63 13.17 0.00	167.63 12.58 0.00	164.65 12.10 0.00	164.67 12.00 0.00	168.51 9.46 0.00
RED___ROCHESTER 323720	105.83 -2.69 0.00	83.19 -2.06 0.00	77.12 -2.29 0.00	98.90 -3.63 0.00	74.97 -2.64 0.00	108.66 -3.77 0.00	132.50 -5.12 0.48	151.36 -5.83 0.79	166.27 -5.31 0.51	159.40 -4.89 -0.01	183.01 -6.83 0.79	96.01 -4.04 12.57	96.01 -3.95 -6.14	98.00 -4.43 2.09	86.20 -3.56 -3.65	122.36 -5.00 -0.23	147.08 -5.80 0.00	164.93 -6.50 0.00	159.61 -6.12 -0.12	149.15 -6.24 2.06	146.92 -6.93 1.20	139.91 -7.83 4.81	140.55 -8.09 4.03	152.69 -6.36 0.00
REGAN___SOLAR 323812	116.09 7.58 0.00	91.05 5.81 0.00	84.81 5.40 0.00	109.47 6.94 0.00	82.92 5.32 0.00	120.42 7.99 0.00	148.55 10.45 0.00	170.34 12.35 0.00	185.53 13.44 0.00	176.86 12.57 0.00	205.07 14.13 -0.32	207.17 8.07 -86.48	188.35 6.09 -88.44	189.87 6.82 -78.53	190.38 5.98 -98.29	144.20 9.52 -7.55	165.78 12.91 0.00	186.43 15.00 0.00	180.18 14.56 0.00	171.01 13.56 0.00	167.83 12.78 0.00	164.59 12.04 0.00	164.12 11.45 0.00	170.29 11.24 0.00
RENSSELAER___COGEN 23796	112.55 4.03 0.00	87.85 2.61 0.00	81.83 2.42 0.00	105.68 3.14 0.00	80.07 2.46 0.00	115.85 3.41 0.00	142.31 4.21 0.00	161.26 3.28 0.00	175.36 3.27 0.00	169.47 5.19 0.00	198.04 7.13 -0.28	195.23 4.66 -77.95	177.49 3.97 -79.71	179.77 4.47 -70.78	178.10 3.40 -88.58	138.60 4.67 -6.80	156.95 4.07 0.00	175.10 3.67 0.00	169.16 3.54 0.00	161.25 3.80 0.00	158.73 3.68 0.00	156.96 4.41 0.00	157.93 5.26 0.00	163.33 4.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	120.85 12.33 0.00	93.97 8.73 0.00	87.76 8.34 0.00	113.29 10.76 0.00	86.33 8.72 0.00	125.30 12.87 0.00	155.32 17.21 0.00	176.92 18.93 0.00	193.97 21.88 0.00	186.62 22.33 0.00	219.34 28.41 -0.30	209.10 15.78 -80.70	188.91 12.56 -82.53	192.01 14.21 -73.28	189.29 11.46 -91.72	151.03 16.86 -7.05	173.45 20.57 0.00	195.43 24.01 0.00	189.24 23.62 0.00	178.90 21.45 0.00	176.79 21.75 0.00	173.25 20.70 0.00	171.43 18.76 0.00	177.28 18.23 0.00
REVERE_CPFR_DRP 24186	113.27 4.75 0.00	88.99 3.75 0.00	82.85 3.44 0.00	106.84 4.31 0.00	80.93 3.32 0.00	117.66 5.23 0.00	145.19 7.08 0.00	166.57 8.58 0.00	181.75 9.66 0.00	173.31 9.02 0.00	200.65 10.01 -0.01	120.95 5.23 -3.09	100.90 3.92 -3.16	111.73 4.40 -2.81	93.94 4.31 -3.52	134.17 6.78 -0.27	161.92 9.05 0.00	181.68 10.25 0.00	175.16 9.54 0.00	165.30 7.85 0.00	161.95 6.91 0.00	159.15 6.60 0.00	159.11 6.44 0.00	165.98 6.93 0.00
REYNOLDS_115KV_TB3 80639	112.84 4.32 0.00	88.02 2.78 0.00	81.96 2.55 0.00	105.85 3.32 0.00	80.21 2.60 0.00	116.04 3.61 0.00	142.62 4.52 0.00	161.68 3.70 0.00	175.95 3.86 0.00	170.01 5.73 0.00	198.95 8.03 -0.29	195.99 5.26 -78.11	178.10 4.40 -79.87	180.44 5.00 -70.93	178.86 3.97 -88.77	139.47 5.52 -6.82	158.17 5.30 0.00	176.46 5.03 0.00	170.50 4.88 0.00	162.44 4.99 0.00	159.99 4.94 0.00	157.84 5.29 0.00	158.41 5.75 0.00	163.78 4.73 0.00
RIVERBAY____ 323610	117.01 8.49 0.00	90.95 5.71 0.00	84.64 5.23 0.00	109.45 6.91 0.00	83.21 5.60 0.00	120.38 7.94 0.00	148.17 10.06 0.00	167.55 9.56 0.00	181.45 9.36 0.00	175.78 11.49 0.00	205.98 15.11 -0.23	186.46 10.12 -63.72	167.72 8.74 -65.16	172.01 9.63 -57.86	166.82 8.28 -72.42	161.99 12.08 -22.79	168.07 13.42 -1.77	184.38 12.95 0.00	178.84 13.21 -0.01	171.04 13.58 -0.01	167.90 12.84 -0.01	164.97 12.41 -0.01	165.10 12.43 -0.01	168.90 9.85 0.00
RIVERSIDE_115KV_TB3 55908	112.83 4.31 0.00	88.06 2.82 0.00	81.99 2.58 0.00	105.88 3.35 0.00	80.25 2.64 0.00	116.08 3.65 0.00	142.70 4.60 0.00	161.76 3.78 0.00	175.94 3.85 0.00	170.05 5.77 0.00	198.86 7.95 -0.29	196.10 5.19 -78.29	178.24 4.36 -80.06	180.55 4.94 -71.09	178.92 3.83 -88.97	139.27 5.31 -6.84	157.79 4.92 0.00	176.05 4.62 0.00	170.14 4.53 0.00	162.12 4.67 0.00	159.61 4.56 0.00	157.66 5.11 0.00	158.45 5.79 0.00	163.88 4.83 0.00
ROARING___BROOK_WT_PWR 323790	107.91 -0.61 0.00	84.93 -0.31 0.00	79.20 -0.21 0.00	102.41 -0.11 0.00	77.50 -0.11 0.00	112.31 -0.12 0.00	137.98 -0.12 0.00	158.09 0.11 0.00	172.24 0.14 0.00	163.95 -0.34 0.00	190.05 -0.58 0.00	112.08 -0.54 0.00	93.49 -0.34 0.00	104.11 -0.41 0.00	85.73 -0.39 0.00	126.42 -0.70 0.00	152.43 -0.44 0.00	171.29 -0.14 0.00	164.91 -0.71 0.00	155.16 -2.28 0.00	152.27 -2.77 0.00	149.70 -2.85 0.00	150.35 -2.31 0.00	157.60 -1.45 0.00

ROCHESRG_115KV_T4 355643	104.58 -3.94 0.00	82.22 -3.02 0.00	76.26 -3.15 0.00	97.80 -4.73 0.00	74.12 -3.49 0.00	107.38 -5.05 0.00	130.32 -6.82 0.96	147.84 -7.96 2.18	164.03 -7.56 0.50	156.96 -7.17 0.16	179.00 -9.54 2.09	93.77 -5.68 13.17	92.89 -5.28 -4.35	94.58 -5.84 4.10	83.64 -4.77 -2.30	119.14 -6.98 1.01	144.86 -8.01 0.00	162.25 -9.17 0.00	155.62 -8.84 1.15	143.32 -8.83 5.30	140.86 -9.36 4.82	134.23 -10.11 8.21	136.21 -10.24 6.22	150.55 -8.50 0.00
ROCHESTER_9_IC 23652	105.22 -3.30 0.00	82.72 -2.53 0.00	76.69 -2.72 0.00	98.37 -4.17 0.00	74.55 -3.06 0.00	108.06 -4.38 0.00	131.70 -5.92 0.48	150.34 -6.86 0.79	165.27 -6.32 0.51	158.35 -5.95 -0.01	181.75 -8.09 0.79	95.22 -4.84 12.57	95.37 -4.59 -6.14	97.33 -5.10 2.09	85.63 -4.14 -3.65	121.34 -6.02 -0.23	146.06 -6.81 0.00	163.71 -7.72 0.00	158.28 -7.45 -0.12	147.83 -7.56 2.06	145.73 -8.12 1.20	138.80 -8.94 4.81	139.50 -9.13 4.03	151.65 -7.40 0.00
ROCKVIEW_13_KV_LD 356306	116.93 8.41 0.00	90.87 5.63 0.00	84.47 5.05 0.00	109.28 6.75 0.00	82.99 5.38 0.00	120.06 7.63 0.00	147.77 9.66 0.00	167.24 9.25 0.00	181.47 9.39 0.00	175.81 11.52 0.00	205.21 14.34 -0.23	185.99 9.65 -63.71	167.47 8.49 -65.15	171.78 9.41 -57.85	166.55 8.02 -72.41	161.76 11.83 -22.80	167.76 13.12 -1.77	184.14 12.71 0.00	178.35 12.73 0.00	170.68 13.23 0.00	167.79 12.74 0.00	164.80 12.25 0.00	164.72 12.05 0.00	168.67 9.62 0.00
ROME____115KV_TB2 80656	113.27 4.75 0.00	88.99 3.75 0.00	82.85 3.44 0.00	106.84 4.31 0.00	80.93 3.32 0.00	117.66 5.23 0.00	145.19 7.08 0.00	166.57 8.58 0.00	181.75 9.66 0.00	173.31 9.02 0.00	200.65 10.01 -0.01	120.95 5.23 -3.09	100.90 3.92 -3.16	111.73 4.40 -2.81	93.94 4.31 -3.52	134.17 6.78 -0.27	161.92 9.05 0.00	181.68 10.25 0.00	175.16 9.54 0.00	165.30 7.85 0.00	161.95 6.91 0.00	159.15 6.60 0.00	159.11 6.44 0.00	165.98 6.93 0.00
ROSETON___1 23587	114.93 6.41 0.00	89.39 4.14 0.00	83.15 3.74 0.00	107.50 4.97 0.00	81.54 3.93 0.00	117.91 5.47 0.00	145.01 6.91 0.00	164.11 6.12 0.00	178.14 6.05 0.00	172.18 7.89 0.00	201.10 10.24 -0.23	183.57 7.04 -63.91	165.33 6.15 -65.36	169.38 6.83 -58.04	164.62 5.87 -72.64	141.26 8.55 -5.58	162.12 9.25 0.00	180.49 9.06 0.00	174.73 9.11 0.00	167.07 9.62 0.00	164.29 9.24 0.00	161.47 8.92 0.00	161.52 8.86 0.00	165.85 6.80 0.00
ROSETON___2 23588	114.93 6.41 0.00	89.39 4.14 0.00	83.15 3.74 0.00	107.50 4.97 0.00	81.54 3.93 0.00	117.91 5.47 0.00	145.01 6.91 0.00	164.11 6.12 0.00	178.14 6.05 0.00	172.18 7.89 0.00	201.10 10.24 -0.23	183.57 7.04 -63.91	165.33 6.15 -65.36	169.38 6.83 -58.04	164.62 5.87 -72.64	141.26 8.55 -5.58	162.12 9.25 0.00	180.49 9.06 0.00	174.73 9.11 0.00	167.07 9.62 0.00	164.29 9.24 0.00	161.47 8.92 0.00	161.52 8.86 0.00	165.85 6.80 0.00
ROTRRDAM_115KV_TB3 80664	112.63 4.12 0.00	88.05 2.81 0.00	82.03 2.62 0.00	105.88 3.35 0.00	80.19 2.57 0.00	116.14 3.71 0.00	142.92 4.81 0.00	162.72 4.74 0.00	177.21 5.12 0.00	170.27 5.99 0.00	198.67 7.74 -0.30	199.16 4.89 -81.65	181.32 4.00 -83.50	183.16 4.50 -74.14	182.70 3.79 -92.80	139.86 5.60 -7.13	159.21 6.33 0.00	178.04 6.61 0.00	172.13 6.51 0.00	163.89 6.44 0.00	161.22 6.18 0.00	158.49 5.94 0.00	158.45 5.79 0.00	164.12 5.07 0.00
RUSSELL___1 23602	105.84 -2.68 0.00	83.18 -2.06 0.00	77.12 -2.29 0.00	98.90 -3.62 0.00	74.98 -2.64 0.00	108.68 -3.75 0.00	132.48 -5.14 0.48	151.35 -5.85 0.79	166.32 -5.27 0.51	159.39 -4.91 -0.01	183.00 -6.84 0.79	96.00 -4.06 12.57	95.99 -3.97 -6.14	98.07 -4.37 2.09	86.22 -3.55 -3.65	122.22 -5.14 -0.23	147.17 -5.71 0.00	164.98 -6.45 0.00	159.60 -6.14 -0.12	149.05 -6.34 2.06	146.87 -6.98 1.20	139.89 -7.84 4.81	140.52 -8.11 4.03	152.70 -6.35 0.00
RUSSELL___2 23532	105.84 -2.68 0.00	83.18 -2.06 0.00	77.12 -2.29 0.00	98.90 -3.62 0.00	74.98 -2.64 0.00	108.68 -3.75 0.00	132.48 -5.14 0.48	151.35 -5.85 0.79	166.32 -5.27 0.51	159.39 -4.91 -0.01	183.00 -6.84 0.79	96.00 -4.06 12.57	95.99 -3.97 -6.14	98.07 -4.37 2.09	86.22 -3.55 -3.65	122.22 -5.14 -0.23	147.17 -5.71 0.00	164.98 -6.45 0.00	159.60 -6.14 -0.12	149.05 -6.34 2.06	146.87 -6.98 1.20	139.89 -7.84 4.81	140.52 -8.11 4.03	152.70 -6.35 0.00
RUSSELL___3 23549	105.84 -2.68 0.00	83.18 -2.06 0.00	77.12 -2.29 0.00	98.90 -3.62 0.00	74.98 -2.64 0.00	108.68 -3.75 0.00	132.48 -5.14 0.48	151.35 -5.85 0.79	166.32 -5.27 0.51	159.39 -4.91 -0.01	183.00 -6.84 0.79	96.00 -4.06 12.57	95.99 -3.97 -6.14	98.07 -4.37 2.09	86.22 -3.55 -3.65	122.22 -5.14 -0.23	147.17 -5.71 0.00	164.98 -6.45 0.00	159.60 -6.14 -0.12	149.05 -6.34 2.06	146.87 -6.98 1.20	139.89 -7.84 4.81	140.52 -8.11 4.03	152.70 -6.35 0.00
RUSSELL___4 23556	105.84 -2.68 0.00	83.18 -2.06 0.00	77.12 -2.29 0.00	98.90 -3.62 0.00	74.98 -2.64 0.00	108.68 -3.75 0.00	132.48 -5.14 0.48	151.35 -5.85 0.79	166.32 -5.27 0.51	159.39 -4.91 -0.01	183.00 -6.84 0.79	96.00 -4.06 12.57	95.99 -3.97 -6.14	98.07 -4.37 2.09	86.22 -3.55 -3.65	122.22 -5.14 -0.23	147.17 -5.71 0.00	164.98 -6.45 0.00	159.60 -6.14 -0.12	149.05 -6.34 2.06	146.87 -6.98 1.20	139.89 -7.84 4.81	140.52 -8.11 4.03	152.70 -6.35 0.00
RUSSELL___STATION 23914	105.84 -2.68 0.00	83.18 -2.06 0.00	77.12 -2.29 0.00	98.90 -3.62 0.00	74.98 -2.64 0.00	108.68 -3.75 0.00	132.48 -5.14 0.48	151.35 -5.85 0.79	166.32 -5.27 0.51	159.39 -4.91 -0.01	183.00 -6.84 0.79	96.00 -4.06 12.57	95.99 -3.97 -6.14	98.07 -4.37 2.09	86.22 -3.55 -3.65	122.22 -5.14 -0.23	147.17 -5.71 0.00	164.98 -6.45 0.00	159.60 -6.14 -0.12	149.05 -6.34 2.06	146.87 -6.98 1.20	139.89 -7.84 4.81	140.52 -8.11 4.03	152.70 -6.35 0.00
S SALMON___HYD 24043	108.06 -0.45 0.00	84.87 -0.37 0.00	79.01 -0.40 0.00	101.63 -0.91 0.00	76.94 -0.67 0.00	111.69 -0.74 0.00	137.80 -0.31 0.00	157.89 -0.09 0.00	172.23 0.14 0.00	163.96 -0.33 0.00	189.91 -0.74 -0.02	116.30 -0.84 -4.51	97.36 -1.08 -4.61	107.42 -1.20 -4.10	90.37 -0.87 -5.13	126.70 -0.82 -0.39	153.02 0.14 0.00	172.15 0.72 0.00	165.94 0.32 0.00	156.15 -1.30 0.00	152.52 -2.53 0.00	150.36 -2.19 0.00	150.63 -2.03 0.00	157.84 -1.21 0.00
S.PERRY__115KV_TB1 80734	106.68 -1.84 0.00	83.83 -1.41 0.00	77.48 -1.93 0.00	98.81 -3.72 0.00	74.49 -3.12 0.00	107.84 -4.59 0.00	141.58 -7.44 -10.92	181.85 -9.29 -33.16	162.27 -8.52 1.30	160.28 -8.34 -4.33	211.76 -9.73 -30.86	86.52 -5.30 20.80	137.99 -6.52 -50.69	136.50 -6.18 -38.16	113.88 -4.95 -32.71	151.69 -6.38 -30.95	147.33 -5.54 0.00	165.20 -6.23 0.00	190.88 -6.43 -31.69	227.77 -6.09 -76.40	241.81 -1.37 -88.13	223.10 -4.22 -74.77	193.85 -4.87 -46.05	156.23 -2.82 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	101.55 -6.97 0.00	79.82 -5.42 0.00	73.71 -5.70 0.00	94.22 -8.31 0.00	71.33 -6.28 0.00	103.19 -9.24 0.00	120.98 -12.69 4.44	131.27 -14.90 11.82	156.62 -14.61 0.86	148.78 -14.24 1.27	160.94 -18.54 11.15	71.10 -10.92 30.60	77.99 -9.92 5.91	71.85 -10.89 21.78	69.78 -9.03 7.30	104.77 -13.23 9.13	136.99 -15.88 0.00	153.03 -18.40 0.00	138.71 -17.58 9.33	112.27 -17.33 27.85	108.02 -17.82 29.21	99.85 -18.59 34.12	110.89 -18.19 23.59	144.07 -14.98 0.00

SAWYER___23_KV_LOAD 55526	101.55 -6.97 0.00	79.82 -5.42 0.00	73.71 -5.70 0.00	94.22 -8.31 0.00	71.33 -6.28 0.00	103.19 -9.24 0.00	120.98 -12.69 4.44	131.27 -14.90 11.82	156.62 -14.61 0.86	148.78 -14.24 1.27	160.94 -18.54 11.15	71.10 -10.92 30.60	77.99 -9.92 5.91	71.85 -10.89 21.78	69.78 -9.03 7.30	104.77 -13.23 9.13	136.99 -15.88 0.00	153.03 -18.40 0.00	138.71 -17.58 9.33	112.27 -17.33 27.85	108.02 -17.82 29.21	99.85 -18.59 34.12	110.89 -18.19 23.59	144.07 -14.98 0.00
SELKIRK___I 23801	112.73 4.21 0.00	88.10 2.86 0.00	82.05 2.64 0.00	105.98 3.45 0.00	80.31 2.70 0.00	116.19 3.75 0.00	142.75 4.65 0.00	161.79 3.81 0.00	175.83 3.74 0.00	169.42 5.13 0.00	197.84 6.92 -0.28	194.76 4.53 -77.61	177.02 3.83 -79.36	179.33 4.33 -70.47	177.81 3.49 -88.20	138.94 5.04 -6.78	157.86 4.99 0.00	176.25 4.82 0.00	170.27 4.65 0.00	162.24 4.79 0.00	159.72 4.68 0.00	157.57 5.02 0.00	158.20 5.53 0.00	163.76 4.71 0.00
SELKIRK___II 23799	112.47 3.95 0.00	87.84 2.60 0.00	81.82 2.41 0.00	105.65 3.12 0.00	80.03 2.42 0.00	115.83 3.39 0.00	142.29 4.18 0.00	161.45 3.46 0.00	175.62 3.53 0.00	169.39 5.10 0.00	197.84 6.92 -0.28	194.74 4.53 -77.59	176.99 3.83 -79.34	179.30 4.33 -70.45	177.74 3.45 -88.18	138.75 4.85 -6.77	157.50 4.62 0.00	175.69 4.26 0.00	169.82 4.21 0.00	161.88 4.43 0.00	159.39 4.34 0.00	157.24 4.69 0.00	157.90 5.24 0.00	163.32 4.26 0.00
SENECA OSWGO___HYD 24041	106.42 -2.10 0.00	83.62 -1.62 0.00	77.73 -1.68 0.00	99.97 -2.56 0.00	75.73 -1.88 0.00	109.71 -2.73 0.00	134.88 -3.23 0.00	154.21 -3.78 0.00	168.33 -3.76 0.00	161.02 -3.27 0.00	186.71 -3.94 -0.02	115.29 -2.40 -5.06	96.90 -2.10 -5.18	106.89 -2.23 -4.60	90.25 -1.62 -5.76	125.23 -2.33 -0.44	150.15 -2.73 0.00	168.30 -3.12 0.00	162.68 -2.94 0.00	154.56 -2.90 0.00	151.80 -3.25 0.00	148.93 -3.62 0.00	148.90 -3.76 0.00	155.13 -3.92 0.00
SENECA___115KV_TB3 355854	102.76 -5.76 0.00	80.68 -4.56 0.00	74.45 -4.96 0.00	95.12 -7.41 0.00	71.94 -5.67 0.00	104.05 -8.38 0.00	122.04 -11.42 4.64	132.30 -13.36 12.33	158.32 -12.84 0.93	150.42 -12.55 1.32	162.67 -16.33 11.64	70.06 -9.61 32.95	78.62 -9.00 6.20	71.72 -9.72 23.07	70.22 -8.09 7.80	105.90 -11.72 9.50	138.95 -13.93 0.00	155.24 -16.19 0.00	140.52 -15.47 9.62	113.18 -15.25 29.02	108.93 -15.73 30.39	100.18 -16.60 35.76	111.82 -16.07 24.77	145.91 -13.14 0.00
SENECA___ENERGY 23797	107.44 -1.08 0.00	84.47 -0.77 0.00	78.54 -0.87 0.00	100.87 -1.66 0.00	76.21 -1.40 0.00	110.45 -1.98 0.00	136.13 -2.62 -0.64	156.81 -3.26 -2.09	168.95 -2.96 0.18	162.28 -2.30 -0.29	189.17 -3.40 -1.94	112.77 -2.21 -2.36	102.23 -2.25 -10.66	109.30 -2.65 -7.43	93.61 -2.04 -9.54	126.89 -2.86 -2.62	149.88 -3.00 0.00	168.49 -2.94 0.00	165.02 -2.74 -2.13	159.33 -2.74 -4.62	156.98 -3.68 -5.61	152.41 -4.34 -4.20	150.19 -4.86 -2.38	154.44 -4.61 0.00
SHOEMAKER___GT 23640	114.26 5.75 0.00	88.99 3.74 0.00	82.79 3.39 0.00	107.00 4.47 0.00	81.18 3.57 0.00	117.45 5.01 0.00	144.35 6.25 0.00	163.70 5.71 0.00	177.89 5.80 0.00	171.76 7.47 0.00	200.56 9.71 -0.21	177.48 6.64 -58.22	159.01 5.65 -59.54	163.68 6.30 -52.87	157.66 5.38 -66.17	125.55 7.87 9.46	160.00 8.62 1.49	179.84 8.40 0.00	174.05 8.43 0.00	166.37 8.92 0.00	163.62 8.58 0.00	160.74 8.19 0.00	160.76 8.09 0.00	165.36 6.31 0.00
SHOEMAKR_138KV_BK 111 55601	114.24 5.72 0.00	88.97 3.73 0.00	82.77 3.36 0.00	106.99 4.46 0.00	81.14 3.53 0.00	117.42 4.99 0.00	144.34 6.23 0.00	163.66 5.67 0.00	177.79 5.70 0.00	171.64 7.36 0.00	200.47 9.63 -0.21	177.03 6.57 -57.84	158.58 5.62 -59.14	163.29 6.25 -52.52	157.22 5.37 -65.73	126.15 7.87 8.85	160.02 8.57 1.43	179.79 8.36 0.00	174.03 8.41 0.00	166.36 8.91 0.00	163.59 8.54 0.00	160.71 8.16 0.00	160.71 8.05 0.00	165.27 6.22 0.00
SHOREHAM_IC_1 23715	115.28 11.21 4.44	88.67 7.73 4.30	92.31 7.32 -5.57	117.01 9.72 -4.77	89.65 7.82 -4.22	126.76 11.32 -3.01	151.59 14.01 0.53	165.74 11.60 3.85	162.78 10.96 20.27	164.25 13.88 13.92	194.72 17.56 13.46	175.85 12.11 -51.12	161.29 11.15 -56.31	163.20 12.28 -46.40	159.92 10.58 -63.23	161.06 16.19 -17.75	163.78 18.43 7.52	177.01 18.55 12.98	171.45 17.29 11.46	167.13 18.10 8.41	165.24 17.78 7.59	162.72 17.34 7.17	157.76 17.26 12.17	160.31 13.68 12.42
SHOREHAM_IC_2 23716	115.28 11.21 4.44	88.67 7.73 4.30	92.31 7.32 -5.57	117.01 9.72 -4.77	89.65 7.82 -4.22	126.76 11.32 -3.01	151.59 14.01 0.53	165.74 11.60 3.85	162.78 10.96 20.27	164.25 13.88 13.92	194.72 17.56 13.46	175.85 12.11 -51.12	161.29 11.15 -56.31	163.20 12.28 -46.40	159.92 10.58 -63.23	161.06 16.19 -17.75	163.78 18.43 7.52	177.01 18.55 12.98	171.45 17.29 11.46	167.13 18.10 8.41	165.24 17.78 7.59	162.72 17.34 7.17	157.76 17.26 12.17	160.31 13.68 12.42
SISSONVILLE____ 23735	108.83 0.31 0.00	85.55 0.30 0.00	79.78 0.37 0.00	103.55 1.02 0.00	77.44 -0.17 0.00	111.57 -0.87 0.00	135.71 -2.39 0.00	157.53 -0.46 0.00	172.12 0.03 0.00	159.61 -4.68 0.00	184.67 -5.96 0.00	107.71 -4.91 0.00	91.48 -2.34 0.00	101.62 -2.90 0.00	83.48 -2.63 0.00	122.92 -4.21 0.00	149.96 -2.92 0.00	170.10 -1.33 0.00	163.88 -1.74 0.00	154.55 -2.90 0.00	153.23 -1.82 0.00	151.71 -0.84 0.00	152.93 0.26 0.00	161.92 2.87 0.00
SITHE_IND_GS1 24169	104.71 -3.81 0.00	82.41 -2.83 0.00	76.73 -2.68 0.00	98.67 -3.86 0.00	74.72 -2.89 0.00	108.15 -4.28 0.00	132.83 -5.27 0.00	151.80 -6.19 0.00	165.53 -6.56 0.00	158.31 -5.97 0.00	183.57 -7.08 -0.01	112.44 -4.15 -3.97	94.29 -3.59 -4.06	104.15 -3.98 -3.60	87.54 -3.09 -4.51	122.82 -4.65 -0.35	147.28 -5.59 0.00	165.05 -6.38 0.00	159.51 -6.11 0.00	151.56 -5.89 0.00	148.95 -6.10 0.00	146.33 -6.22 0.00	146.32 -6.35 0.00	152.58 -6.47 0.00
SITHE_IND_GS2 24170	104.71 -3.81 0.00	82.41 -2.83 0.00	76.73 -2.68 0.00	98.67 -3.86 0.00	74.72 -2.89 0.00	108.15 -4.28 0.00	132.83 -5.27 0.00	151.80 -6.19 0.00	165.53 -6.56 0.00	158.31 -5.97 0.00	183.57 -7.08 -0.01	112.44 -4.15 -3.97	94.29 -3.59 -4.06	104.15 -3.98 -3.60	87.54 -3.09 -4.51	122.82 -4.65 -0.35	147.28 -5.59 0.00	165.05 -6.38 0.00	159.51 -6.11 0.00	151.56 -5.89 0.00	148.95 -6.10 0.00	146.33 -6.22 0.00	146.32 -6.35 0.00	152.58 -6.47 0.00
SITHE_IND_GS3 24171	104.71 -3.81 0.00	82.41 -2.83 0.00	76.73 -2.68 0.00	98.67 -3.86 0.00	74.72 -2.89 0.00	108.15 -4.28 0.00	132.83 -5.27 0.00	151.80 -6.19 0.00	165.53 -6.56 0.00	158.31 -5.97 0.00	183.57 -7.08 -0.01	112.44 -4.15 -3.97	94.29 -3.59 -4.06	104.15 -3.98 -3.60	87.54 -3.09 -4.51	122.82 -4.65 -0.35	147.28 -5.59 0.00	165.05 -6.38 0.00	159.51 -6.11 0.00	151.56 -5.89 0.00	148.95 -6.10 0.00	146.33 -6.22 0.00	146.32 -6.35 0.00	152.58 -6.47 0.00
SITHE_IND_GS4 24172	104.71 -3.81 0.00	82.41 -2.83 0.00	76.73 -2.68 0.00	98.67 -3.86 0.00	74.72 -2.89 0.00	108.15 -4.28 0.00	132.83 -5.27 0.00	151.80 -6.19 0.00	165.53 -6.56 0.00	158.31 -5.97 0.00	183.57 -7.08 -0.01	112.44 -4.15 -3.97	94.29 -3.59 -4.06	104.15 -3.98 -3.60	87.54 -3.09 -4.51	122.82 -4.65 -0.35	147.28 -5.59 0.00	165.05 -6.38 0.00	159.51 -6.11 0.00	151.56 -5.89 0.00	148.95 -6.10 0.00	146.33 -6.22 0.00	146.32 -6.35 0.00	152.58 -6.47 0.00

SITHE___BATAVIA 24024	104.64 -3.88 0.00	82.24 -3.01 0.00	76.05 -3.36 0.00	97.41 -5.12 0.00	73.90 -3.71 0.00	107.18 -5.26 0.00	128.57 -7.23 2.31	143.87 -8.22 5.90	163.99 -7.45 0.65	156.44 -7.25 0.59	174.86 -10.18 5.59	86.60 -6.01 20.02	88.24 -6.11 -0.52	86.62 -7.02 10.88	79.07 -5.73 1.32	114.94 -8.06 4.13	143.77 -9.10 0.00	161.61 -9.82 0.00	152.63 -9.12 3.87	134.32 -9.20 13.94	130.48 -10.40 14.16	122.64 -11.40 18.50	128.12 -11.43 13.12	150.26 -8.79 0.00
SITHE___INDEPEND 23800	104.70 -3.81 0.00	82.41 -2.83 0.00	76.73 -2.68 0.00	98.68 -3.85 0.00	74.72 -2.89 0.00	108.15 -4.28 0.00	132.84 -5.26 0.00	151.78 -6.20 0.00	165.55 -6.54 0.00	158.31 -5.97 0.00	183.56 -7.09 -0.01	112.44 -4.14 -3.97	94.29 -3.59 -4.06	104.16 -3.97 -3.60	87.54 -3.09 -4.51	122.82 -4.66 -0.35	147.28 -5.59 0.00	165.06 -6.37 0.00	159.50 -6.11 0.00	151.56 -5.89 0.00	148.95 -6.10 0.00	146.30 -6.25 0.00	146.30 -6.36 0.00	152.58 -6.47 0.00
SITHE___MASSENA 23902	108.45 -0.06 0.00	85.33 0.09 0.00	79.58 0.17 0.00	103.27 0.74 0.00	77.60 -0.01 0.00	112.34 -0.09 0.00	137.68 -0.42 0.00	159.40 1.41 0.00	174.07 1.98 0.00	162.26 -2.02 0.00	187.08 -3.55 0.00	109.47 -3.15 0.00	92.74 -1.09 0.00	103.08 -1.44 0.00	84.72 -1.39 0.00	125.18 -1.95 0.00	152.00 -0.87 0.00	171.79 0.36 0.00	165.60 -0.02 0.00	156.80 -0.65 0.00	154.98 -0.07 0.00	152.83 0.28 0.00	153.05 0.39 0.00	161.16 2.11 0.00
SITHE___OGDNSBRG 24021	110.32 1.81 0.00	86.84 1.60 0.00	80.99 1.58 0.00	105.15 2.62 0.00	78.80 1.19 0.00	113.94 1.51 0.00	139.27 1.16 0.00	161.80 3.82 0.00	176.64 4.55 0.00	162.75 -1.54 0.00	186.93 -3.70 0.00	109.02 -3.61 0.00	92.56 -1.26 0.00	102.80 -1.72 0.00	84.44 -1.68 0.00	124.97 -2.16 0.00	153.12 0.25 0.00	174.43 3.00 0.00	168.21 2.59 0.00	158.94 1.49 0.00	157.32 2.27 0.00	155.27 2.72 0.00	155.74 3.07 0.00	164.52 5.47 0.00
SITHE___STERLING 23777	112.10 3.59 0.00	88.12 2.87 0.00	82.01 2.60 0.00	105.77 3.24 0.00	80.14 2.53 0.00	116.43 4.00 0.00	143.52 5.41 0.00	164.34 6.35 0.00	179.20 7.11 0.00	171.12 6.83 0.00	198.22 7.58 0.00	120.08 3.82 -3.64	100.38 2.84 -3.72	111.05 3.22 -3.30	93.46 3.21 -4.14	132.57 5.12 -0.32	159.53 6.65 0.00	178.69 7.25 0.00	172.40 6.78 0.00	163.21 5.76 0.00	160.18 5.13 0.00	157.34 4.79 0.00	157.31 4.64 0.00	163.78 4.73 0.00
SLEIGHT__34_KV_TB1 80719	106.14 -2.38 0.00	83.49 -1.76 0.00	77.51 -1.90 0.00	99.55 -2.98 0.00	75.40 -2.21 0.00	109.36 -3.07 0.00	133.89 -3.95 0.27	152.99 -4.54 0.45	167.81 -4.01 0.27	160.63 -3.66 0.00	185.04 -5.14 0.45	106.29 -3.00 3.34	97.59 -2.98 -6.75	103.04 -3.34 -1.86	89.24 -2.62 -5.75	123.75 -3.76 -0.38	148.65 -4.22 0.00	166.91 -4.52 0.00	161.29 -4.33 0.00	151.75 -4.47 1.23	149.02 -5.26 0.77	143.98 -5.96 2.61	144.07 -6.41 2.19	153.63 -5.42 0.00
SOUTH CAIRO___GT 23612	117.29 8.77 0.00	91.64 6.39 0.00	85.32 5.91 0.00	110.19 7.66 0.00	83.45 5.84 0.00	121.09 8.66 0.00	149.07 10.96 0.00	170.08 12.09 0.00	186.17 14.08 0.00	179.52 15.23 0.00	209.33 18.43 -0.27	197.49 10.81 -74.06	178.37 8.81 -75.74	181.83 10.05 -67.25	178.37 8.07 -84.17	145.39 11.80 -6.47	166.00 13.13 0.00	185.94 14.51 0.00	179.61 13.99 0.00	170.78 13.33 0.00	167.92 12.87 0.00	165.42 12.87 0.00	165.77 13.10 0.00	171.43 12.38 0.00
SOUTH HAMPTN___IC 23720	115.17 11.15 4.50	88.61 7.75 4.38	92.27 7.36 -5.50	116.99 9.76 -4.70	89.62 7.84 -4.17	126.87 11.47 -2.97	151.75 14.20 0.55	166.03 11.92 3.88	163.09 11.33 20.33	164.47 14.21 14.03	195.01 18.00 13.62	175.98 12.40 -50.97	161.35 11.37 -56.16	163.20 12.46 -46.22	160.02 10.83 -63.07	161.33 16.60 -17.60	164.33 19.11 7.65	177.95 19.64 13.13	172.10 18.07 11.59	167.78 18.87 8.55	165.97 18.68 7.76	163.59 18.37 7.33	158.64 18.28 12.31	161.39 14.91 12.57
SOUTHDOW_115KV_TB1 355954	104.88 -3.64 0.00	82.18 -3.07 0.00	75.61 -3.80 0.00	96.78 -5.75 0.00	72.71 -4.90 0.00	105.75 -6.68 0.00	126.44 -8.46 3.21	140.68 -9.31 8.00	162.87 -8.15 1.08	155.86 -7.67 0.75	172.56 -10.45 7.61	70.75 -6.40 35.47	86.83 -6.89 0.11	79.70 -6.85 17.97	76.71 -5.66 3.75	113.70 -7.93 5.50	142.83 -10.04 0.00	159.28 -12.15 0.00	148.59 -11.51 5.53	127.12 -11.45 18.88	124.40 -11.81 18.83	113.89 -12.77 25.89	121.70 -12.31 18.66	149.31 -9.74 0.00
SOUTHOLD_69_KV_BK 2 55809	114.55 10.53 4.50	88.22 7.36 4.38	91.89 6.98 -5.50	116.47 9.23 -4.70	89.25 7.47 -4.17	126.50 11.10 -2.97	151.22 13.66 0.55	165.66 11.55 3.87	163.46 11.70 20.33	164.02 13.76 14.02	194.64 17.62 13.62	175.91 12.31 -50.97	161.28 11.29 -56.17	163.01 12.26 -46.23	160.09 10.90 -63.08	161.29 16.55 -17.61	164.59 19.37 7.65	179.21 20.90 13.12	172.82 18.78 11.58	168.31 19.40 8.54	166.97 19.67 7.75	164.74 19.51 7.32	159.69 19.32 12.30	162.68 16.20 12.56
SOUTHOLD___IC 23719	114.57 10.55 4.50	88.22 7.36 4.38	91.90 6.99 -5.50	116.49 9.26 -4.70	89.25 7.47 -4.17	126.50 11.11 -2.97	151.26 13.71 0.55	165.64 11.52 3.87	162.81 11.06 20.33	164.23 13.96 14.02	194.67 17.65 13.62	175.93 12.34 -50.97	161.28 11.29 -56.17	163.09 12.34 -46.23	160.09 10.90 -63.08	161.56 16.82 -17.61	164.96 19.73 7.65	179.26 20.96 13.12	172.84 18.81 11.58	168.57 19.65 8.54	167.02 19.72 7.75	164.93 19.70 7.32	159.93 19.57 12.30	162.93 16.44 12.56
SOUTH_FORK_WT_PWR 323839	113.01 8.99 4.50	87.04 6.18 4.38	90.79 5.89 -5.50	115.04 7.81 -4.70	88.12 6.35 -4.17	124.93 9.53 -2.97	149.17 11.62 0.55	163.32 9.20 3.87	160.27 8.51 20.33	161.79 11.52 14.02	191.92 14.91 13.62	174.42 10.83 -50.97	160.09 10.11 -56.16	161.69 10.95 -46.22	159.06 9.87 -63.08	160.05 15.32 -17.61	163.36 18.13 7.65	177.67 19.37 13.13	171.02 16.99 11.59	166.89 17.99 8.54	165.65 18.36 7.76	163.89 18.66 7.32	158.97 18.61 12.30	162.12 15.64 12.57
SPIERFLS_115KV_TB 1 80737	115.78 7.27 0.00	90.28 5.03 0.00	84.12 4.71 0.00	108.53 6.00 0.00	82.36 4.75 0.00	119.47 7.04 0.00	147.50 9.40 0.00	168.06 10.07 0.00	183.62 11.53 0.00	176.73 12.45 0.00	207.01 16.08 -0.30	203.00 9.58 -80.80	184.13 7.68 -82.63	186.51 8.62 -73.37	185.05 7.11 -91.83	144.74 10.56 -7.05	165.16 12.28 0.00	185.22 13.79 0.00	179.12 13.50 0.00	170.09 12.64 0.00	167.45 12.41 0.00	164.31 11.76 0.00	163.68 11.02 0.00	169.31 10.26 0.00
ST LAWRENCE____ 23600	106.83 -1.69 0.00	84.31 -0.93 0.00	78.61 -0.80 0.00	101.75 -0.78 0.00	76.85 -0.76 0.00	111.43 -1.01 0.00	136.68 -1.43 0.00	157.72 -0.26 0.00	171.96 -0.13 0.00	161.93 -2.36 0.00	186.79 -3.84 0.00	109.70 -2.92 0.00	91.81 -2.01 0.00	102.12 -2.40 0.00	83.91 -2.21 0.00	124.01 -3.12 0.00	150.30 -2.57 0.00	169.70 -1.73 0.00	163.66 -1.95 0.00	155.10 -2.35 0.00	153.18 -1.87 0.00	150.96 -1.59 0.00	150.97 -1.70 0.00	158.70 -0.35 0.00
STATE_CA_115KV_115_LB 55624	113.11 4.60 0.00	88.28 3.03 0.00	82.22 2.81 0.00	106.17 3.64 0.00	80.45 2.84 0.00	116.44 4.00 0.00	143.15 5.05 0.00	162.34 4.36 0.00	176.57 4.48 0.00	170.56 6.27 0.00	199.35 8.43 -0.29	196.89 5.44 -78.82	179.01 4.58 -80.61	181.28 5.19 -71.58	179.70 4.00 -89.58	139.62 5.61 -6.88	158.10 5.23 0.00	176.50 5.07 0.00	170.56 4.94 0.00	162.52 5.07 0.00	159.95 4.90 0.00	158.08 5.53 0.00	158.95 6.28 0.00	164.38 5.33 0.00

STATE_ST_34_KV_LOAD 55959	108.70 0.18 0.00	85.55 0.31 0.00	79.61 0.20 0.00	102.38 -0.15 0.00	77.53 -0.08 0.00	112.40 -0.03 0.00	138.42 -0.01 -0.33	158.54 -0.04 -0.59	172.80 0.38 -0.33	165.05 0.77 0.00	191.16 -0.07 -0.60	134.02 0.18 -21.22	103.08 -0.24 -9.49	117.34 -0.28 -13.10	98.57 0.04 -12.41	128.31 0.17 -1.01	152.83 -0.04 0.00	172.12 0.69 0.00	166.53 0.91 0.00	159.75 0.96 -1.34	155.67 -0.21 -0.84	155.57 -0.39 -3.41	154.15 -1.28 -2.77	157.74 -1.31 0.00
STATION_5_MISC_HYD 23604	105.22 -3.30 0.00	82.72 -2.53 0.00	76.70 -2.71 0.00	98.36 -4.17 0.00	74.55 -3.07 0.00	108.06 -4.37 0.00	131.70 -5.92 0.48	150.36 -6.83 0.79	165.21 -6.37 0.51	158.32 -5.98 -0.01	181.73 -8.11 0.79	95.23 -4.83 12.57	95.38 -4.58 -6.14	97.27 -5.17 2.09	85.63 -4.14 -3.65	121.47 -5.89 -0.23	145.98 -6.89 0.00	163.66 -7.77 0.00	158.31 -7.42 -0.12	147.93 -7.47 2.06	145.73 -8.12 1.20	138.82 -8.92 4.81	139.54 -9.09 4.03	151.66 -7.39 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	107.26 -1.26 0.00	84.31 -0.94 0.00	78.26 -1.16 0.00	100.46 -2.07 0.00	76.05 -1.56 0.00	110.32 -2.11 0.00	134.76 -2.84 0.51	153.89 -3.23 0.87	168.98 -2.60 0.51	162.11 -2.18 0.00	186.31 -3.46 0.86	97.86 -2.13 12.63	97.45 -2.42 -6.05	99.50 -2.68 2.33	87.49 -2.11 -3.48	124.29 -3.00 -0.16	149.82 -3.05 0.00	168.23 -3.20 0.00	162.54 -3.08 0.00	151.86 -3.29 2.30	149.60 -4.01 1.44	142.62 -4.93 4.99	143.34 -5.18 4.15	154.99 -4.06 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	104.82 -3.70 0.00	82.42 -2.82 0.00	76.43 -2.97 0.00	98.05 -4.48 0.00	74.31 -3.30 0.00	107.74 -4.69 0.00	131.37 -6.26 0.47	149.98 -7.23 0.78	164.78 -6.82 0.50	157.94 -6.36 -0.01	181.38 -8.47 0.78	95.39 -5.04 12.20	95.16 -4.76 -6.10	97.27 -5.27 1.98	85.50 -4.27 -3.66	121.12 -6.24 -0.23	145.81 -7.07 0.00	163.39 -8.04 0.00	157.99 -7.74 -0.11	147.57 -7.85 2.03	145.44 -8.42 1.19	138.62 -9.21 4.72	139.29 -9.42 3.95	151.19 -7.86 0.00
STA_56___34_KV_BUS2 355983	104.82 -3.70 0.00	82.42 -2.82 0.00	76.43 -2.97 0.00	98.05 -4.48 0.00	74.31 -3.30 0.00	107.74 -4.69 0.00	131.37 -6.26 0.47	149.98 -7.23 0.78	164.78 -6.82 0.50	157.94 -6.36 -0.01	181.38 -8.47 0.78	95.39 -5.04 12.20	95.16 -4.76 -6.10	97.27 -5.27 1.98	85.50 -4.27 -3.66	121.12 -6.24 -0.23	145.81 -7.07 0.00	163.39 -8.04 0.00	157.99 -7.74 -0.11	147.57 -7.85 2.03	145.44 -8.42 1.19	138.62 -9.21 4.72	139.29 -9.42 3.95	151.19 -7.86 0.00
STA_67___115KV_BK2 355882	104.96 -3.56 0.00	82.52 -2.72 0.00	76.52 -2.89 0.00	98.15 -4.38 0.00	74.39 -3.22 0.00	107.79 -4.64 0.00	131.35 -6.27 0.48	149.94 -7.25 0.79	164.77 -6.81 0.51	157.86 -6.44 -0.01	181.17 -8.67 0.79	94.91 -5.18 12.54	95.09 -4.87 -6.13	97.03 -5.41 2.08	85.38 -4.39 -3.65	120.96 -6.40 -0.23	145.58 -7.30 0.00	163.10 -8.33 0.00	157.71 -8.02 -0.11	147.31 -8.08 2.06	145.26 -8.59 1.20	138.33 -9.41 4.81	139.08 -9.56 4.03	151.23 -7.82 0.00
STA_7___115KV_9TRANS 80674	105.84 -2.68 0.00	83.18 -2.06 0.00	77.12 -2.29 0.00	98.90 -3.62 0.00	74.98 -2.64 0.00	108.68 -3.75 0.00	132.48 -5.14 0.48	151.35 -5.85 0.79	166.32 -5.27 0.51	159.39 -4.91 -0.01	183.00 -6.84 0.79	96.00 -4.06 12.57	95.99 -3.97 -6.14	98.07 -4.37 2.09	86.22 -3.55 -3.65	122.22 -5.14 -0.23	147.17 -5.71 0.00	164.98 -6.45 0.00	159.60 -6.14 -0.12	149.05 -6.34 2.06	146.87 -6.98 1.20	139.89 -7.84 4.81	140.52 -8.11 4.03	152.70 -6.35 0.00
STA_82___115KV_TB1 80780	104.99 -3.53 0.00	82.54 -2.71 0.00	76.53 -2.88 0.00	98.16 -4.37 0.00	74.41 -3.21 0.00	107.83 -4.60 0.00	131.36 -6.26 0.48	149.97 -7.23 0.79	164.84 -6.74 0.51	157.94 -6.36 -0.01	181.25 -8.59 0.79	94.80 -5.13 12.70	95.15 -4.84 -6.17	97.02 -5.38 2.12	85.41 -4.36 -3.65	121.01 -6.35 -0.24	145.64 -7.23 0.00	163.21 -8.22 0.00	157.86 -7.89 -0.13	147.40 -7.99 2.05	145.32 -8.55 1.18	138.38 -9.34 4.83	139.10 -9.51 4.05	151.31 -7.74 0.00
STEEL___WIND 323596	102.63 -5.89 0.00	80.57 -4.67 0.00	74.34 -5.07 0.00	94.88 -7.65 0.00	71.83 -5.78 0.00	103.80 -8.63 0.00	121.91 -11.56 4.64	132.08 -13.58 12.33	157.95 -13.21 0.93	150.12 -12.85 1.32	162.28 -16.72 11.64	69.86 -9.81 32.95	78.47 -9.15 6.20	71.40 -10.05 23.07	70.05 -8.27 7.80	105.76 -11.86 9.50	138.52 -14.35 0.00	154.73 -16.70 0.00	140.24 -15.75 9.62	113.15 -15.28 29.02	108.71 -15.95 30.39	99.97 -16.82 35.76	111.65 -16.24 24.77	145.54 -13.50 0.00
STEPHTWN_115KV_BK_2 55603	114.01 5.49 0.00	88.93 3.69 0.00	82.69 3.27 0.00	107.00 4.47 0.00	81.13 3.51 0.00	117.49 5.05 0.00	144.43 6.32 0.00	163.94 5.95 0.00	178.04 5.95 0.00	171.91 7.62 0.00	201.16 10.24 -0.28	196.94 6.38 -77.95	179.06 5.53 -79.71	181.48 6.19 -70.78	179.55 4.85 -88.58	141.12 7.19 -6.80	159.94 7.06 0.00	178.62 7.19 0.00	172.54 6.92 0.00	164.45 7.00 0.00	161.60 6.55 0.00	159.72 7.17 0.00	160.48 7.81 0.00	165.92 6.87 0.00
STEUBEN_REC_LFGE 323667	108.71 0.19 0.00	85.00 -0.24 0.00	78.27 -1.14 0.00	99.52 -3.01 0.00	73.60 -4.01 0.00	105.45 -6.98 0.00	133.01 -10.03 -4.93	163.49 -12.24 -17.74	156.42 -12.69 2.98	154.84 -12.25 -2.81	191.23 -15.68 -16.27	11.90 -7.97 92.75	116.22 -8.90 -31.30	86.89 -8.43 9.21	84.79 -7.19 -5.87	136.35 -9.16 -18.39	144.77 -8.10 0.00	162.99 -8.44 0.00	177.14 -9.01 -20.53	187.02 -10.01 -39.59	195.75 -10.21 -50.91	167.02 -12.43 -26.91	152.29 -12.50 -12.12	149.05 -10.00 0.00
STILLWATER___SOLAR 323814	114.99 6.47 0.00	89.71 4.47 0.00	83.54 4.13 0.00	107.85 5.32 0.00	81.75 4.14 0.00	118.50 6.07 0.00	146.04 7.94 0.00	166.18 8.20 0.00	181.14 9.05 0.00	174.39 10.10 0.00	204.13 13.21 -0.29	201.03 8.04 -80.37	182.51 6.50 -82.19	184.80 7.30 -72.98	183.49 6.03 -91.34	143.03 8.88 -7.02	163.06 10.18 0.00	182.50 11.07 0.00	176.51 10.89 0.00	167.78 10.33 0.00	165.18 10.13 0.00	162.21 9.66 0.00	161.98 9.31 0.00	167.63 8.58 0.00
STONY___BROOK 24151	115.20 11.02 4.34	88.67 7.59 4.16	92.30 7.18 -5.71	116.96 9.54 -4.89	89.56 7.63 -4.33	126.46 10.94 -3.08	151.10 13.47 0.48	164.43 10.25 3.80	161.27 9.32 20.14	162.91 12.34 13.72	193.41 15.95 13.17	175.20 11.18 -51.40	161.02 10.60 -56.59	162.94 11.68 -46.73	159.48 9.84 -63.52	160.11 14.96 -18.02	162.32 16.72 7.28	174.80 16.07 12.70	169.46 15.05 11.21	165.39 16.11 8.17	163.61 15.82 7.26	161.20 15.54 6.89	156.48 15.71 11.90	159.28 12.39 12.16
STURGEON_POOL_HYD 23609	115.68 7.16 0.00	89.98 4.74 0.00	83.70 4.29 0.00	108.22 5.69 0.00	82.06 4.45 0.00	118.78 6.35 0.00	146.13 8.03 0.00	165.61 7.62 0.00	179.96 7.87 0.00	173.90 9.62 0.00	203.04 12.17 -0.24	186.09 8.10 -65.37	167.69 7.02 -66.85	171.65 7.78 -59.36	167.14 6.73 -74.29	142.77 9.93 -5.71	163.89 11.02 0.00	182.56 11.13 0.00	176.83 11.21 0.00	169.12 11.67 0.00	166.22 11.18 0.00	163.17 10.62 0.00	162.99 10.32 0.00	167.31 8.26 0.00
ST_LAW_115_BK7_LBMP 345037	106.81 -1.70 0.00	84.27 -0.97 0.00	78.60 -0.81 0.00	101.79 -0.74 0.00	76.82 -0.79 0.00	111.37 -1.06 0.00	136.56 -1.54 0.00	157.72 -0.26 0.00	171.99 -0.10 0.00	161.67 -2.61 0.00	186.40 -4.23 0.00	109.40 -3.22 0.00	91.71 -2.11 0.00	101.99 -2.54 0.00	83.78 -2.34 0.00	123.83 -3.30 0.00	150.19 -2.69 0.00	169.60 -1.83 0.00	163.56 -2.06 0.00	154.95 -2.50 0.00	153.14 -1.91 0.00	150.96 -1.59 0.00	150.95 -1.71 0.00	158.78 -0.27 0.00

ST_LAW_115_BK8_LBMP 345038	106.81 -1.70 0.00	84.27 -0.97 0.00	78.60 -0.81 0.00	101.79 -0.74 0.00	76.82 -0.79 0.00	111.37 -1.06 0.00	136.56 -1.54 0.00	157.72 -0.26 0.00	171.99 -0.10 0.00	161.67 -2.61 0.00	186.40 -4.23 0.00	109.40 -3.22 0.00	91.71 -2.11 0.00	101.99 -2.54 0.00	83.78 -2.34 0.00	123.83 -3.30 0.00	150.19 -2.69 0.00	169.60 -1.83 0.00	163.56 -2.06 0.00	154.95 -2.50 0.00	153.14 -1.91 0.00	150.96 -1.59 0.00	150.95 -1.71 0.00	158.78 -0.27 0.00
ST_LAW_230_BK5_LBMP 345035	106.83 -1.69 0.00	84.31 -0.93 0.00	78.61 -0.80 0.00	101.75 -0.78 0.00	76.85 -0.76 0.00	111.43 -1.01 0.00	136.68 -1.43 0.00	157.72 -0.26 0.00	171.96 -0.13 0.00	161.93 -2.36 0.00	186.79 -3.84 0.00	109.70 -2.92 0.00	91.81 -2.01 0.00	102.12 -2.40 0.00	83.91 -2.21 0.00	124.01 -3.12 0.00	150.30 -2.57 0.00	169.70 -1.73 0.00	163.66 -1.95 0.00	155.10 -2.35 0.00	153.18 -1.87 0.00	150.96 -1.59 0.00	150.97 -1.70 0.00	158.70 -0.35 0.00
ST_LAW_230_BK6_LBMP 345036	106.83 -1.69 0.00	84.31 -0.93 0.00	78.61 -0.80 0.00	101.75 -0.78 0.00	76.85 -0.76 0.00	111.43 -1.01 0.00	136.68 -1.43 0.00	157.72 -0.26 0.00	171.96 -0.13 0.00	161.93 -2.36 0.00	186.79 -3.84 0.00	109.70 -2.92 0.00	91.81 -2.01 0.00	102.12 -2.40 0.00	83.91 -2.21 0.00	124.01 -3.12 0.00	150.30 -2.57 0.00	169.70 -1.73 0.00	163.66 -1.95 0.00	155.10 -2.35 0.00	153.18 -1.87 0.00	150.96 -1.59 0.00	150.97 -1.70 0.00	158.70 -0.35 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	114.90 6.38 0.00	89.40 4.16 0.00	83.16 3.75 0.00	107.52 4.99 0.00	81.59 3.98 0.00	118.01 5.58 0.00	145.19 7.08 0.00	164.48 6.49 0.00	178.57 6.48 0.00	172.59 8.30 0.00	201.44 10.59 -0.22	179.43 7.31 -59.50	160.98 6.32 -60.84	165.60 7.05 -54.03	159.78 6.04 -67.62	124.50 8.84 11.46	160.85 9.68 1.71	180.79 9.36 0.00	175.05 9.43 0.00	167.49 10.04 0.00	164.68 9.64 0.00	161.69 9.14 0.00	161.72 9.05 0.00	166.09 7.04 0.00
SWANROAD_115KV_TB1 355699	98.94 -9.58 0.00	77.86 -7.38 0.00	71.95 -7.46 0.00	91.94 -10.59 0.00	69.70 -7.91 0.00	100.82 -11.61 0.00	118.96 -15.68 3.47	130.31 -18.57 9.10	152.59 -18.72 0.78	145.12 -18.21 0.95	158.83 -23.19 8.61	73.31 -13.22 26.09	79.42 -11.58 2.82	74.79 -12.93 16.80	70.91 -10.73 4.47	104.01 -16.30 6.82	132.95 -19.92 0.00	148.46 -22.97 0.00	136.92 -21.99 6.70	114.36 -21.65 21.44	110.58 -22.20 22.26	102.78 -22.67 27.10	111.68 -22.09 18.90	140.40 -18.65 0.00
SYNERGY___BIOGAS 323694	104.64 -3.88 0.00	82.24 -3.01 0.00	76.05 -3.36 0.00	97.41 -5.12 0.00	73.90 -3.71 0.00	107.18 -5.26 0.00	128.57 -7.23 2.31	143.87 -8.22 5.90	163.99 -7.45 0.65	156.44 -7.25 0.59	174.86 -10.18 5.59	86.60 -6.01 20.02	88.24 -6.11 -0.52	86.62 -7.02 10.88	79.07 -5.73 1.32	114.94 -8.06 4.13	143.77 -9.10 0.00	161.61 -9.82 0.00	152.63 -9.12 3.87	134.32 -9.20 13.94	130.48 -10.40 14.16	122.64 -11.40 18.50	128.12 -11.43 13.12	150.26 -8.79 0.00
SYRACUSE___ENERGY_ST1 323597	107.81 -0.71 0.00	84.76 -0.48 0.00	78.86 -0.54 0.00	101.46 -1.07 0.00	76.85 -0.76 0.00	111.34 -1.10 0.00	136.85 -1.26 0.00	156.41 -1.58 0.00	170.62 -1.47 0.00	163.29 -0.99 0.00	189.37 -1.29 -0.02	118.31 -0.80 -6.48	99.52 -0.93 -6.63	109.41 -1.00 -5.89	92.92 -0.56 -7.37	126.93 -0.77 -0.57	152.01 -0.87 0.00	170.51 -0.93 0.00	164.71 -0.91 0.00	156.61 -0.84 0.00	153.74 -1.31 0.00	150.87 -1.68 0.00	150.69 -1.97 0.00	157.05 -2.00 0.00
SYRACUSE___ENERGY_ST2 323598	107.81 -0.71 0.00	84.76 -0.48 0.00	78.86 -0.54 0.00	101.46 -1.07 0.00	76.85 -0.76 0.00	111.34 -1.10 0.00	136.85 -1.26 0.00	156.41 -1.58 0.00	170.62 -1.47 0.00	163.29 -0.99 0.00	189.37 -1.29 -0.02	118.31 -0.80 -6.48	99.52 -0.93 -6.63	109.41 -1.00 -5.89	92.92 -0.56 -7.37	126.93 -0.77 -0.57	152.01 -0.87 0.00	170.51 -0.93 0.00	164.71 -0.91 0.00	156.61 -0.84 0.00	153.74 -1.31 0.00	150.87 -1.68 0.00	150.69 -1.97 0.00	157.05 -2.00 0.00
SYRACUSE___POWER 24017	107.92 -0.60 0.00	84.79 -0.45 0.00	78.90 -0.51 0.00	101.50 -1.03 0.00	76.86 -0.75 0.00	111.37 -1.06 0.00	137.13 -1.20 -0.22	156.87 -1.51 -0.39	170.95 -1.37 -0.22	163.37 -0.91 0.00	189.93 -1.11 -0.41	127.60 -0.70 -15.68	100.69 -0.88 -7.74	113.68 -0.94 -10.10	95.49 -0.53 -9.90	127.29 -0.64 -0.80	152.20 -0.67 0.00	170.59 -0.84 0.00	164.87 -0.75 0.00	157.65 -0.73 -0.94	154.49 -1.15 -0.58	153.24 -1.59 -2.27	152.73 -1.79 -1.86	157.18 -1.87 0.00
TALLMAN___138KV_BK151 55660	115.42 6.90 0.00	89.73 4.49 0.00	83.43 4.02 0.00	107.93 5.40 0.00	81.94 4.33 0.00	118.50 6.07 0.00	145.81 7.70 0.00	165.07 7.08 0.00	179.05 6.96 0.00	173.26 8.97 0.00	201.98 11.13 -0.22	181.43 7.81 -61.00	163.07 6.86 -62.38	167.55 7.64 -55.39	162.00 6.56 -69.33	120.01 9.58 16.70	161.11 10.50 2.26	181.43 10.00 0.00	175.67 10.05 0.00	168.24 10.78 0.00	165.42 10.37 0.00	162.44 9.89 0.00	162.44 9.78 0.00	166.59 7.54 0.00
TEALLAVE_115KV_TB7 355573	107.13 -1.39 0.00	84.18 -1.06 0.00	78.35 -1.06 0.00	100.77 -1.76 0.00	76.32 -1.29 0.00	110.58 -1.85 0.00	135.92 -2.19 0.00	155.33 -2.66 0.00	169.48 -2.61 0.00	162.18 -2.10 0.00	188.16 -2.49 -0.02	116.76 -1.50 -5.64	98.03 -1.56 -5.77	107.96 -1.68 -5.12	91.39 -1.13 -6.41	126.03 -1.60 -0.49	151.01 -1.86 0.00	169.22 -2.21 0.00	163.48 -2.14 0.00	155.35 -2.10 0.00	152.60 -2.45 0.00	149.72 -2.83 0.00	149.68 -2.99 0.00	155.96 -3.09 0.00
TELGRAPH_34_KV_EAST 80808	101.72 -6.80 0.00	80.01 -5.23 0.00	73.97 -5.44 0.00	94.61 -7.92 0.00	71.74 -5.87 0.00	103.87 -8.56 0.00	123.67 -11.68 2.76	137.20 -13.65 7.14	158.10 -13.30 0.69	150.60 -12.95 0.73	167.11 -16.77 6.76	80.89 -9.66 22.07	84.18 -8.85 0.80	81.57 -9.87 13.08	75.42 -8.17 2.52	109.78 -12.16 5.18	138.37 -14.50 0.00	154.87 -16.57 -0.01	145.06 -15.74 4.81	124.98 -15.65 16.82	121.39 -16.36 17.30	113.49 -17.17 21.89	120.38 -16.91 15.37	145.25 -13.80 0.00
TEMPLE___115KV_TB 2 55572	107.18 -1.34 0.00	84.24 -1.00 0.00	78.37 -1.04 0.00	100.82 -1.71 0.00	76.37 -1.24 0.00	110.65 -1.78 0.00	135.95 -2.15 0.00	155.34 -2.65 0.00	169.54 -2.56 0.00	162.24 -2.05 0.00	188.24 -2.41 -0.02	116.89 -1.45 -5.72	98.17 -1.50 -5.85	108.08 -1.63 -5.19	91.51 -1.11 -6.50	126.11 -1.52 -0.50	151.12 -1.76 0.00	169.29 -2.14 0.00	163.55 -2.07 0.00	155.47 -1.98 0.00	152.70 -2.35 0.00	149.82 -2.73 0.00	149.74 -2.93 0.00	156.05 -3.00 0.00
TIANA____69_KV_BK 1 55817	115.38 11.36 4.50	88.75 7.88 4.38	92.37 7.46 -5.50	117.14 9.90 -4.70	89.73 7.95 -4.17	126.99 11.59 -2.97	151.88 14.33 0.55	166.16 12.05 3.87	163.86 12.10 20.33	164.49 14.22 14.02	195.16 18.15 13.62	176.04 12.44 -50.97	161.44 11.45 -56.17	163.24 12.49 -46.23	160.04 10.85 -63.08	161.10 16.37 -17.61	163.90 18.68 7.65	177.73 19.42 13.13	172.10 18.06 11.58	167.52 18.61 8.54	165.80 18.50 7.76	163.20 17.97 7.32	158.19 17.82 12.30	160.88 14.39 12.56
TILDEN___115KV_TB1 80814	107.92 -0.60 0.00	84.79 -0.45 0.00	78.90 -0.51 0.00	101.50 -1.03 0.00	76.86 -0.75 0.00	111.37 -1.06 0.00	137.13 -1.20 -0.22	156.87 -1.51 -0.39	170.95 -1.37 -0.22	163.37 -0.91 0.00	189.93 -1.11 -0.41	127.60 -0.70 -15.68	100.69 -0.88 -7.74	113.68 -0.94 -10.10	95.49 -0.53 -9.90	127.29 -0.64 -0.80	152.20 -0.67 0.00	170.59 -0.84 0.00	164.87 -0.75 0.00	157.65 -0.73 -0.94	154.49 -1.15 -0.58	153.24 -1.59 -2.27	152.73 -1.79 -1.86	157.18 -1.87 0.00

TRIGEN__CC 323695	139.11 9.95 -20.64	123.31 6.92 -31.15	125.33 6.38 -39.54	145.84 8.48 -34.83	114.27 6.69 -29.97	143.27 9.47 -21.36	160.90 11.87 -10.92	176.33 10.43 -7.92	195.76 10.51 -13.15	216.82 12.68 -39.85	272.08 15.90 -65.55	249.76 10.85 -126.28	235.13 9.82 -131.49	250.71 10.69 -135.50	236.81 9.23 -141.46	231.82 13.57 -91.12	225.89 15.11 -57.91	248.11 14.78 -61.89	234.50 14.25 -54.63	228.88 15.05 -56.37	248.92 14.65 -79.22	235.72 14.13 -69.04	225.09 14.05 -58.38	229.35 11.05 -59.26
TRINITY__115KV__4 BK 55933	112.68 4.16 0.00	87.94 2.69 0.00	81.89 2.48 0.00	105.76 3.23 0.00	80.13 2.52 0.00	115.95 3.52 0.00	142.51 4.40 0.00	161.55 3.57 0.00	175.71 3.62 0.00	169.75 5.46 0.00	198.46 7.55 -0.29	195.69 4.95 -78.12	177.88 4.17 -79.89	180.17 4.71 -70.94	178.51 3.60 -88.79	138.93 4.98 -6.82	157.31 4.44 0.00	175.50 4.07 0.00	169.60 3.99 0.00	161.64 4.19 0.00	159.08 4.03 0.00	157.30 4.74 0.00	158.22 5.56 0.00	163.64 4.59 0.00
UNION__PROCESSING_DRP 323587	105.03 -3.49 0.00	82.57 -2.68 0.00	76.57 -2.84 0.00	98.21 -4.32 0.00	74.44 -3.17 0.00	107.88 -4.55 0.00	131.44 -6.19 0.48	150.03 -7.17 0.78	164.92 -6.66 0.51	157.98 -6.32 -0.01	181.33 -8.52 0.78	94.87 -5.09 12.66	95.18 -4.82 -6.18	97.09 -5.34 2.09	85.43 -4.35 -3.67	121.05 -6.32 -0.25	145.72 -7.16 0.00	163.27 -8.16 0.00	157.90 -7.87 -0.15	147.46 -7.96 2.03	145.45 -8.43 1.16	138.46 -9.28 4.81	139.18 -9.45 4.04	151.32 -7.73 0.00
UPPER HUDSON__HYD 24058	115.78 7.27 0.00	90.27 5.03 0.00	84.12 4.71 0.00	108.53 6.00 0.00	82.36 4.75 0.00	119.48 7.04 0.00	147.49 9.38 0.00	168.06 10.08 0.00	183.62 11.53 0.00	176.73 12.45 0.00	207.01 16.08 -0.30	203.02 9.60 -80.80	184.13 7.68 -82.63	186.51 8.62 -73.37	185.05 7.11 -91.83	144.73 10.55 -7.05	165.19 12.31 0.00	185.22 13.79 0.00	179.12 13.50 0.00	170.09 12.64 0.00	167.46 12.41 0.00	164.31 11.76 0.00	163.67 11.00 0.00	169.31 10.26 0.00
UPPER RAQUET__HYD 24056	108.83 0.31 0.00	85.55 0.30 0.00	79.78 0.37 0.00	103.55 1.02 0.00	77.44 -0.17 0.00	111.57 -0.86 0.00	135.71 -2.40 0.00	157.53 -0.46 0.00	172.12 0.03 0.00	159.61 -4.67 0.00	184.65 -5.98 0.00	107.75 -4.87 0.00	91.49 -2.33 0.00	101.63 -2.89 0.00	83.49 -2.63 0.00	122.92 -4.21 0.00	149.97 -2.90 0.00	170.11 -1.32 0.00	163.89 -1.73 0.00	154.52 -2.93 0.00	153.23 -1.82 0.00	151.72 -0.83 0.00	152.93 0.26 0.00	161.93 2.88 0.00
VALLEY44_115KV_TB2 355964	105.72 -2.79 0.00	82.92 -2.32 0.00	76.62 -2.79 0.00	98.25 -4.28 0.00	73.79 -3.82 0.00	106.68 -5.75 0.00	127.40 -8.08 2.63	142.39 -9.32 6.27	161.46 -9.50 1.12	154.79 -8.96 0.53	174.05 -10.59 6.00	70.33 -6.48 35.81	89.59 -6.82 -2.60	82.23 -6.92 15.38	78.45 -6.00 1.66	115.18 -8.09 3.86	143.43 -9.44 0.00	159.82 -11.61 0.00	150.49 -11.23 3.90	132.64 -10.09 14.71	130.78 -10.11 14.16	120.21 -10.50 21.84	127.26 -9.28 16.12	151.00 -8.05 0.00
VALLEY__115KV_TB 1-4 80826	111.48 2.97 0.00	87.02 1.78 0.00	81.00 1.59 0.00	104.70 2.17 0.00	79.29 1.68 0.00	115.04 2.61 0.00	141.73 3.63 0.00	161.52 3.53 0.00	175.59 3.50 0.00	169.48 5.19 0.00	198.23 7.60 0.00	117.16 4.53 0.00	97.39 3.56 0.00	108.57 4.05 0.00	89.42 3.30 0.00	132.00 4.87 0.00	157.77 4.89 0.00	176.91 5.48 0.00	171.10 5.47 0.00	162.46 5.01 0.00	159.48 4.44 0.00	156.63 4.08 0.00	156.82 4.16 0.00	161.80 2.75 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	116.33 7.82 0.00	91.13 5.89 0.00	84.90 5.49 0.00	109.65 7.12 0.00	83.14 5.53 0.00	120.66 8.23 0.00	148.71 10.60 0.00	170.07 12.08 0.00	185.61 13.52 0.00	178.02 13.73 0.00	206.27 15.53 -0.10	149.42 9.18 -27.61	129.59 7.53 -28.24	138.04 8.45 -25.07	124.62 7.12 -31.38	140.53 10.99 -2.41	165.86 12.99 0.00	185.15 13.72 0.00	178.73 13.11 0.00	170.45 13.00 0.00	167.63 12.58 0.00	164.43 11.89 0.01	164.19 11.52 0.00	170.19 11.14 0.00
VISCHER__FERRY HYD 24020	113.62 5.11 0.00	88.61 3.36 0.00	82.48 3.07 0.00	106.50 3.97 0.00	80.71 3.10 0.00	116.83 4.40 0.00	143.74 5.64 0.00	163.22 5.23 0.00	177.85 5.76 0.00	171.62 7.33 0.00	201.09 10.17 -0.29	198.12 6.38 -79.12	179.98 5.24 -80.91	182.32 5.95 -71.85	180.90 4.86 -89.92	141.00 6.97 -6.91	160.29 7.42 0.00	179.10 7.67 0.00	173.13 7.51 0.00	164.72 7.26 0.00	162.30 7.25 0.00	159.60 7.05 0.00	159.66 7.00 0.00	165.20 6.15 0.00
V_A_10_SYNC_DSASP 323832	102.03 -6.49 0.00	80.28 -4.96 0.00	74.31 -5.10 0.00	95.12 -7.41 0.00	72.05 -5.56 0.00	104.28 -8.15 0.00	124.43 -11.17 2.50	138.34 -13.18 6.46	158.28 -13.16 0.65	150.96 -12.68 0.66	167.99 -16.52 6.12	82.26 -9.75 20.61	84.88 -8.78 0.16	82.86 -9.90 11.76	76.24 -8.04 1.84	110.84 -11.67 4.61	138.68 -14.19 0.00	155.01 -16.41 0.00	145.03 -15.71 4.88	126.85 -15.31 15.29	123.41 -15.98 15.66	116.39 -16.59 19.57	122.38 -16.42 13.87	145.19 -13.86 0.00
V_CMM_10_SYNC_DSASP 323787	106.92 -1.60 0.00	84.39 -0.86 0.00	78.69 -0.72 0.00	101.90 -0.63 0.00	76.90 -0.71 0.00	111.49 -0.94 0.00	136.71 -1.39 0.00	157.90 -0.09 0.00	172.21 0.12 0.00	161.89 -2.40 0.00	186.65 -3.98 0.00	109.55 -3.07 0.00	91.82 -2.00 0.00	102.11 -2.41 0.00	83.90 -2.22 0.00	123.98 -3.15 0.00	150.34 -2.54 0.00	169.86 -1.57 0.00	163.76 -1.86 0.00	155.17 -2.28 0.00	153.31 -1.74 0.00	151.11 -1.44 0.00	151.12 -1.55 0.00	158.97 -0.08 0.00
V_CMP_10_SYNC_DSASP 323788	109.46 0.95 0.00	86.01 0.77 0.00	80.09 0.68 0.00	103.41 0.88 0.00	78.38 0.77 0.00	113.50 1.07 0.00	139.90 1.80 0.00	160.88 2.89 0.00	175.29 3.20 0.00	166.00 1.72 0.00	191.40 0.76 0.00	111.56 -1.06 0.00	92.88 -0.95 0.00	103.34 -1.18 0.00	84.41 -1.71 0.00	124.93 -2.19 0.00	152.32 -0.55 0.00	172.76 1.32 0.00	167.37 1.75 0.00	158.16 0.71 0.00	155.89 0.84 0.00	153.27 0.71 0.00	152.74 0.08 0.00	159.76 0.72 0.00
V_D_10_SYNC_DSASP 323841	108.44 -0.08 0.00	85.32 0.08 0.00	79.58 0.17 0.00	103.26 0.73 0.00	77.60 -0.01 0.00	112.36 -0.07 0.00	137.69 -0.41 0.00	159.40 1.41 0.00	174.06 1.97 0.00	162.33 -1.95 0.00	187.13 -3.50 0.00	109.49 -3.13 0.00	92.74 -1.09 0.00	103.08 -1.44 0.00	84.72 -1.39 0.00	125.18 -1.95 0.00	151.99 -0.89 0.00	171.77 0.34 0.00	165.57 -0.05 0.00	156.77 -0.68 0.00	154.96 -0.09 0.00	152.82 0.27 0.00	153.00 0.33 0.00	161.10 2.05 0.00
V_E_10_SYNC_DSASP 323830	117.80 9.28 0.00	92.87 7.62 0.00	86.70 7.29 0.00	111.86 9.33 0.00	85.10 7.49 0.00	124.50 12.07 0.00	156.45 16.33 -2.01	182.08 19.75 -4.35	195.24 21.76 -1.39	184.03 19.53 -0.22	215.49 20.70 -4.17	200.79 11.44 -76.73	130.70 8.87 -28.00	161.58 10.32 -46.74	133.77 8.46 -39.20	146.25 14.36 -4.77	170.95 18.07 0.00	191.14 19.71 0.00	187.50 20.30 -1.59	187.35 19.25 -10.64	181.29 17.57 -8.67	187.02 15.28 -19.19	181.84 14.37 -14.80	172.81 13.76 0.00
V_F_30_NSYNC__DSASP 323816	115.10 6.58 0.00	89.81 4.56 0.00	83.61 4.20 0.00	107.95 5.42 0.00	81.83 4.22 0.00	118.65 6.21 0.00	146.21 8.10 0.00	166.36 8.38 0.00	181.39 9.29 0.00	174.56 10.27 0.00	204.31 13.38 -0.29	201.32 8.13 -80.56	182.80 6.60 -82.39	185.11 7.43 -73.15	183.81 6.13 -91.56	143.19 9.03 -7.03	163.21 10.33 0.00	182.70 11.27 0.00	176.70 11.08 0.00	167.98 10.53 0.00	165.33 10.29 0.00	162.36 9.80 0.00	162.12 9.46 0.00	167.79 8.74 0.00

V_F_30_SYNC_DSASP 323786	113.11 4.60 0.00	88.28 3.03 0.00	82.21 2.80 0.00	106.17 3.64 0.00	80.44 2.83 0.00	116.43 3.99 0.00	143.15 5.05 0.00	162.34 4.36 0.00	176.57 4.48 0.00	170.53 6.24 0.00	199.35 8.43 -0.29	196.82 5.43 -78.77	178.94 4.57 -80.55	181.22 5.18 -71.52	179.63 4.00 -89.52	139.60 5.60 -6.88	158.10 5.23 0.00	176.48 5.05 0.00	170.54 4.93 0.00	162.49 5.04 0.00	159.93 4.88 0.00	158.07 5.52 0.00	158.95 6.28 0.00	164.37 5.32 0.00
V_XM_10_SYNC_DSASP 323789	109.46 0.95 0.00	86.01 0.77 0.00	80.09 0.68 0.00	103.41 0.88 0.00	78.38 0.77 0.00	113.50 1.07 0.00	139.90 1.80 0.00	160.88 2.89 0.00	175.29 3.20 0.00	166.00 1.72 0.00	191.40 0.76 0.00	111.56 -1.06 0.00	92.88 -0.95 0.00	103.34 -1.18 0.00	84.41 -1.71 0.00	124.93 -2.19 0.00	152.32 -0.55 0.00	172.76 1.32 0.00	167.37 1.75 0.00	158.16 0.71 0.00	155.89 0.84 0.00	153.27 0.71 0.00	152.74 0.08 0.00	159.76 0.72 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	115.82 7.30 0.00	90.05 4.80 0.00	83.72 4.31 0.00	108.29 5.76 0.00	82.21 4.60 0.00	118.91 6.48 0.00	146.33 8.22 0.00	165.65 7.66 0.00	179.70 7.60 0.00	173.87 9.58 0.00	202.64 11.79 -0.22	182.18 8.23 -61.32	163.75 7.22 -62.71	168.23 8.02 -55.68	162.70 6.90 -69.69	119.20 10.06 17.99	161.58 11.10 2.39	182.09 10.66 0.00	176.32 10.70 0.00	168.87 11.42 0.00	166.02 10.97 0.00	163.02 10.47 0.00	162.99 10.32 0.00	167.12 8.07 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	116.75 8.24 0.00	90.70 5.46 0.00	84.31 4.90 0.00	109.18 6.65 0.00	82.91 5.30 0.00	119.94 7.51 0.00	147.65 9.54 0.00	167.17 9.19 0.00	181.40 9.31 0.00	175.89 11.60 0.00	205.03 14.16 -0.23	185.87 9.54 -63.71	167.43 8.46 -65.15	171.69 9.32 -57.85	166.49 7.97 -72.40	161.74 11.77 -22.84	167.62 12.98 -1.77	183.87 12.44 0.00	178.16 12.55 0.00	170.63 13.17 0.00	167.63 12.58 0.00	164.65 12.10 0.00	164.67 12.00 0.00	168.51 9.46 0.00
W50THST__13_KV_LOAD 356117	117.27 8.76 0.00	91.11 5.87 0.00	84.67 5.26 0.00	109.71 7.18 0.00	83.30 5.68 0.00	120.47 8.04 0.00	148.38 10.27 0.00	168.08 10.10 0.00	182.46 10.37 0.00	177.02 12.74 0.00	206.02 15.16 -0.23	186.46 10.13 -63.71	167.97 8.99 -65.15	172.27 9.90 -57.85	166.95 8.43 -72.40	162.40 12.43 -22.84	168.40 13.75 -1.77	184.72 13.29 0.00	179.01 13.39 0.00	171.54 14.09 0.00	168.47 13.42 0.00	165.46 12.91 0.00	165.43 12.77 0.00	169.31 10.26 0.00
WADING RIVER_IC_1 23522	115.22 11.21 4.51	88.61 7.76 4.40	92.23 7.34 -5.48	116.95 9.74 -4.69	89.58 7.82 -4.15	126.74 11.35 -2.96	151.61 14.06 0.56	165.72 11.62 3.88	162.71 10.97 20.35	164.17 13.93 14.05	194.69 17.71 13.66	175.75 12.19 -50.93	161.19 11.23 -56.13	163.05 12.35 -46.18	159.77 10.61 -63.04	160.92 16.22 -17.57	163.68 18.49 7.68	176.95 18.68 13.16	171.39 17.39 11.62	167.07 18.19 8.57	165.09 17.84 7.80	162.62 17.43 7.36	157.70 17.37 12.34	160.27 13.82 12.60
WADING RIVER_IC_2 23547	115.22 11.21 4.51	88.61 7.76 4.40	92.23 7.34 -5.48	116.95 9.74 -4.69	89.58 7.82 -4.15	126.74 11.35 -2.96	151.61 14.06 0.56	165.72 11.62 3.88	162.71 10.97 20.35	164.17 13.93 14.05	194.69 17.71 13.66	175.75 12.19 -50.93	161.19 11.23 -56.13	163.05 12.35 -46.18	159.77 10.61 -63.04	160.92 16.22 -17.57	163.68 18.49 7.68	176.95 18.68 13.16	171.39 17.39 11.62	167.07 18.19 8.57	165.09 17.84 7.80	162.62 17.43 7.36	157.70 17.37 12.34	160.27 13.82 12.60
WADING RIVER_IC_3 23601	115.22 11.21 4.51	88.61 7.76 4.40	92.23 7.34 -5.48	116.95 9.74 -4.69	89.58 7.82 -4.15	126.74 11.35 -2.96	151.61 14.06 0.56	165.72 11.62 3.88	162.71 10.97 20.35	164.17 13.93 14.05	194.69 17.71 13.66	175.75 12.19 -50.93	161.19 11.23 -56.13	163.05 12.35 -46.18	159.77 10.61 -63.04	160.92 16.22 -17.57	163.68 18.49 7.68	176.95 18.68 13.16	171.39 17.39 11.62	167.07 18.19 8.57	165.09 17.84 7.80	162.62 17.43 7.36	157.70 17.37 12.34	160.27 13.82 12.60
WALDENNY_12_KV_BK2 80841	102.62 -5.90 0.00	80.59 -4.65 0.00	74.38 -5.03 0.00	95.04 -7.49 0.00	71.91 -5.70 0.00	103.99 -8.44 0.00	122.15 -11.46 4.50	132.60 -13.45 11.93	158.25 -12.93 0.91	150.43 -12.59 1.27	162.92 -16.44 11.27	70.90 -9.60 32.12	79.10 -8.91 5.81	72.53 -9.69 22.31	70.69 -8.03 7.39	106.21 -11.74 9.18	138.84 -14.03 0.00	155.16 -16.27 0.00	140.78 -15.59 9.25	113.95 -15.40 28.09	109.74 -15.91 29.40	101.06 -16.77 34.72	112.28 -16.31 24.06	145.78 -13.27 0.00
WALDEN__HYDRO 24148	115.68 7.16 0.00	90.01 4.76 0.00	83.70 4.29 0.00	108.23 5.70 0.00	82.12 4.51 0.00	118.80 6.36 0.00	146.18 8.07 0.00	165.69 7.70 0.00	179.97 7.88 0.00	173.93 9.64 0.00	203.07 12.21 -0.23	182.72 8.25 -61.85	164.16 7.09 -63.24	168.57 7.89 -56.16	163.17 6.76 -70.29	136.95 9.92 0.09	163.31 10.99 0.56	182.42 10.99 0.00	176.64 11.02 0.00	168.92 11.47 0.00	166.02 10.97 0.00	163.05 10.50 0.00	162.96 10.30 0.00	167.34 8.28 0.00
WARRENSBURG____ 23737	115.78 7.27 0.00	90.27 5.03 0.00	84.12 4.71 0.00	108.53 6.00 0.00	82.36 4.75 0.00	119.48 7.04 0.00	147.49 9.38 0.00	168.06 10.08 0.00	183.62 11.53 0.00	176.73 12.45 0.00	207.01 16.08 -0.30	203.02 9.60 -80.80	184.13 7.68 -82.63	186.51 8.62 -73.37	185.05 7.11 -91.83	144.73 10.55 -7.05	165.19 12.31 0.00	185.22 13.79 0.00	179.12 13.50 0.00	170.09 12.64 0.00	167.46 12.41 0.00	164.31 11.76 0.00	163.67 11.00 0.00	169.31 10.26 0.00
WATERSIDE____6 8 9 23538	116.69 8.41 0.24	89.11 5.66 1.80	82.13 5.12 2.40	109.45 6.92 0.00	81.49 5.53 1.65	120.20 7.76 0.00	147.99 9.88 0.00	167.57 9.58 0.00	181.68 9.59 0.00	143.50 11.88 32.67	7.09 14.80 198.35	104.11 10.05 18.57	79.77 8.86 22.91	38.59 9.75 75.68	68.16 8.32 26.28	23.65 12.30 115.77	-38.62 13.60 205.09	145.71 12.96 38.68	-124.63 13.29 303.54	-75.60 13.80 246.86	84.36 13.19 83.87	87.20 12.72 78.07	61.51 12.66 103.81	111.12 10.01 57.94
WATKINRD_115KV_LN8_ILLION 55919	110.86 2.34 0.00	86.64 1.40 0.00	80.67 1.26 0.00	104.17 1.64 0.00	78.92 1.31 0.00	114.47 2.04 0.00	140.84 2.74 0.00	160.51 2.52 0.00	174.60 2.51 0.00	168.02 3.73 0.00	196.06 5.43 0.00	115.89 3.27 0.00	96.43 2.61 0.00	107.49 2.97 0.00	88.57 2.46 0.00	130.76 3.63 0.00	156.61 3.73 0.00	175.41 3.98 0.00	169.63 4.02 0.00	161.31 3.86 0.00	158.55 3.50 0.00	155.90 3.34 0.00	156.06 3.40 0.00	161.44 2.39 0.00
WATSON__69_KV_BK 1 55734	117.49 12.00 3.02	91.30 8.35 2.29	94.79 7.88 -7.50	119.41 10.40 -6.47	91.58 8.29 -5.68	128.36 11.88 -4.05	152.89 14.66 -0.12	167.33 12.55 3.20	166.09 12.62 18.62	167.95 14.83 11.16	200.10 18.84 9.37	180.47 12.84 -55.01	165.81 11.78 -60.21	168.38 12.84 -51.01	164.48 11.08 -67.28	165.22 16.54 -21.55	167.34 18.60 4.13	181.23 18.90 9.10	175.48 17.89 8.03	170.76 18.37 5.06	170.09 18.13 3.09	166.79 17.46 3.23	161.46 17.30 8.51	164.05 13.71 8.71
WDELAWARE__HYD 323627	113.47 4.96 0.00	88.37 3.13 0.00	82.23 2.82 0.00	106.32 3.79 0.00	80.66 3.04 0.00	116.86 4.43 0.00	143.94 5.84 0.00	163.44 5.46 0.00	177.68 5.59 0.00	171.52 7.23 0.00	200.10 9.26 -0.21	177.07 6.25 -58.20	158.73 5.39 -59.52	163.40 6.03 -52.85	157.45 5.19 -66.15	135.49 7.63 -0.73	161.04 8.61 0.45	180.05 8.61 0.00	174.34 8.72 0.00	166.64 9.19 0.00	163.79 8.74 0.00	160.73 8.18 0.00	160.43 7.76 0.00	164.91 5.86 0.00

WEST BABYLON___IC 23714	120.27 11.75 0.00	95.37 8.15 -1.98	98.72 7.72 -11.59	122.74 10.12 -10.09	94.41 8.01 -8.78	130.16 11.47 -6.26	153.83 14.22 -1.50	168.43 12.26 1.82	169.70 12.45 14.84	174.22 14.64 4.71	209.39 18.53 -0.23	189.39 12.63 -64.15	174.71 11.54 -69.34	178.94 12.58 -61.84	173.75 10.85 -76.79	173.78 16.19 -30.47	174.82 18.13 -3.82	189.74 18.31 0.00	183.05 17.43 0.00	178.22 17.95 -2.82	180.16 17.66 -7.46	175.59 17.00 -6.04	169.65 16.92 -0.06	172.46 13.41 0.00
WEST CANADA___HYD 24049	109.37 0.85 0.00	85.77 0.52 0.00	79.89 0.48 0.00	103.15 0.62 0.00	78.08 0.47 0.00	113.13 0.70 0.00	138.95 0.84 0.00	158.63 0.65 0.00	172.78 0.69 0.00	165.51 1.22 0.00	192.34 1.71 0.00	113.75 1.13 0.00	94.74 0.92 0.00	105.56 1.05 0.00	87.01 0.89 0.00	128.39 1.26 0.00	154.08 1.21 0.00	172.54 1.10 0.00	166.67 1.06 0.00	158.43 0.98 0.00	155.83 0.78 0.00	153.33 0.78 0.00	153.60 0.93 0.00	159.70 0.65 0.00
WESTERN_NY_WIND 24143	104.42 -4.09 0.00	82.07 -3.18 0.00	75.90 -3.51 0.00	97.18 -5.35 0.00	73.75 -3.86 0.00	106.90 -5.53 0.00	128.08 -7.57 2.45	143.01 -8.69 6.29	163.55 -7.88 0.66	156.00 -7.65 0.63	173.94 -10.73 5.96	85.63 -6.33 20.67	87.57 -6.36 -0.11	85.76 -7.19 11.57	78.50 -5.92 1.70	114.08 -8.59 4.46	143.44 -9.43 0.00	161.17 -10.27 -0.01	151.82 -9.63 4.17	132.78 -9.83 14.84	129.06 -10.84 15.15	121.10 -11.89 19.56	126.91 -11.93 13.83	149.92 -9.13 0.00
WESTOVER___LESR 323668	109.29 0.77 0.00	85.70 0.46 0.00	79.62 0.20 0.00	102.60 0.07 0.00	77.57 -0.04 0.00	112.35 -0.09 0.00	137.28 -0.36 0.46	156.57 -0.87 0.54	170.88 -0.75 0.46	164.00 -0.29 0.00	189.45 -0.45 0.73	113.91 -0.55 -1.84	113.22 -0.54 -19.95	116.65 -0.55 -12.68	106.48 -0.18 -20.55	128.72 0.00 -1.60	152.81 -0.06 0.00	171.09 -0.34 0.00	165.17 -0.45 0.00	156.59 -0.07 0.80	154.22 -0.33 0.50	148.55 -0.86 3.14	148.77 -0.88 3.02	158.02 -1.04 0.00
WETHRSFD_WT_PWR 323626	103.89 -4.63 0.00	81.26 -3.98 0.00	74.84 -4.57 0.00	95.40 -7.13 0.00	71.49 -6.13 0.00	103.10 -9.33 0.00	111.62 -12.82 13.66	104.72 -15.16 38.10	156.53 -14.33 1.24	145.62 -14.27 4.40	136.45 -18.40 35.78	42.88 -10.84 58.90	45.42 -10.14 38.26	27.16 -10.92 66.44	42.18 -8.83 35.11	82.44 -12.48 32.21	139.03 -13.85 0.00	155.87 -15.56 0.00	117.95 -15.45 32.22	52.61 -15.01 89.83	42.71 -15.16 97.18	34.83 -16.35 101.38	68.73 -16.14 67.80	145.16 -13.89 0.00
WHAVSTOR_138KV_BK127 55557	115.37 6.85 0.00	89.70 4.45 0.00	83.40 3.99 0.00	107.88 5.35 0.00	81.90 4.29 0.00	118.41 5.98 0.00	145.72 7.61 0.00	164.91 6.92 0.00	178.84 6.74 0.00	173.00 8.71 0.00	201.61 10.75 -0.22	181.63 7.62 -61.39	163.35 6.76 -62.77	167.76 7.50 -55.74	162.35 6.46 -69.77	118.34 9.45 18.24	160.77 10.32 2.42	181.14 9.71 0.00	175.38 9.76 0.00	168.01 10.56 0.00	165.23 10.18 0.00	162.26 9.71 0.00	162.29 9.62 0.00	166.42 7.37 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	115.37 6.85 0.00	89.70 4.45 0.00	83.40 3.99 0.00	107.88 5.35 0.00	81.90 4.29 0.00	118.41 5.98 0.00	145.72 7.61 0.00	164.91 6.92 0.00	178.84 6.74 0.00	173.00 8.71 0.00	201.61 10.75 -0.22	181.63 7.62 -61.39	163.35 6.76 -62.77	167.76 7.50 -55.74	162.35 6.46 -69.77	118.34 9.45 18.24	160.77 10.32 2.42	181.14 9.71 0.00	175.38 9.76 0.00	168.01 10.56 0.00	165.23 10.18 0.00	162.26 9.71 0.00	162.29 9.62 0.00	166.42 7.37 0.00
WHITEHAL_115KV_TB1 80871	117.54 9.02 0.00	91.45 6.20 0.00	85.39 5.98 0.00	110.14 7.60 0.00	83.91 6.30 0.00	121.69 9.26 0.00	150.65 12.54 0.00	171.33 13.35 0.00	187.82 15.73 0.00	181.72 17.44 0.00	214.01 23.09 -0.30	206.22 12.89 -80.70	186.65 10.30 -82.53	189.41 11.61 -73.28	187.12 9.28 -91.72	147.62 13.44 -7.05	168.39 15.51 0.00	188.97 17.54 0.00	183.26 17.64 0.00	173.32 15.87 0.00	171.31 16.26 0.00	168.21 15.66 0.00	166.68 14.02 0.00	172.36 13.31 0.00
WHITEPLN_13_KV_LOAD 356215	117.45 8.94 0.00	91.26 6.01 0.00	84.83 5.42 0.00	109.74 7.21 0.00	83.35 5.74 0.00	120.56 8.13 0.00	148.46 10.35 0.00	168.07 10.08 0.00	182.49 10.40 0.00	176.78 12.49 0.00	206.35 15.48 -0.23	186.54 10.29 -63.62	167.87 8.98 -65.06	172.30 10.00 -57.77	166.91 8.49 -72.31	163.16 12.50 -23.54	168.68 13.96 -1.84	185.30 13.87 0.00	179.48 13.86 0.00	171.73 14.28 0.00	168.74 13.69 0.00	165.67 13.12 0.00	165.53 12.87 0.00	169.58 10.52 0.00
WM_FLOYD_69_KV_BK2 356380	115.21 11.12 4.43	88.65 7.69 4.28	92.25 7.25 -5.60	116.95 9.64 -4.79	89.59 7.74 -4.24	126.64 11.19 -3.02	151.41 13.82 0.52	165.52 11.38 3.84	163.10 11.26 20.25	163.88 13.48 13.89	194.47 17.25 13.41	175.70 11.92 -51.16	161.25 11.06 -56.36	163.08 12.10 -46.45	159.85 10.45 -63.28	160.65 15.73 -17.80	163.08 17.68 7.48	176.50 18.00 12.93	171.11 16.90 11.41	166.49 17.42 8.37	164.78 17.27 7.53	162.10 16.67 7.12	157.16 16.61 12.12	159.72 13.05 12.38
WOODARD__115KV_TB2 355635	106.97 -1.55 0.00	84.08 -1.17 0.00	78.24 -1.17 0.00	100.64 -1.89 0.00	76.24 -1.37 0.00	110.43 -2.01 0.00	135.72 -2.39 0.00	155.13 -2.86 0.00	169.21 -2.88 0.00	161.92 -2.36 0.00	187.88 -2.78 -0.02	116.70 -1.67 -5.75	98.04 -1.67 -5.88	107.96 -1.79 -5.23	91.41 -1.25 -6.54	125.87 -1.76 -0.50	150.81 -2.06 0.00	168.99 -2.44 0.00	163.26 -2.36 0.00	155.17 -2.28 0.00	152.43 -2.62 0.00	149.58 -2.98 0.00	149.54 -3.13 0.00	155.80 -3.25 0.00
YORK___WARBASSE 23770	118.94 9.00 -1.42	102.01 6.20 -10.57	99.10 5.60 -14.09	109.84 7.31 0.00	93.16 5.85 -9.70	120.66 8.23 0.00	148.61 10.50 0.00	168.30 10.32 0.00	182.54 10.45 0.00	368.94 12.74 -191.92	1486.05 16.01 -1279.41	676.29 10.80 -552.86	685.79 9.36 -582.61	957.27 10.32 -842.42	747.20 8.78 -652.31	1002.47 12.88 -862.47	1384.25 14.30 -1217.08	412.42 13.75 -227.24	1980.85 14.51 -1800.72	1636.75 14.89 -1464.41	675.14 14.35 -505.74	628.38 13.86 -461.97	776.38 13.77 -609.94	510.70 11.25 -340.40