

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/14/2025

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	105.03	113.49	87.83	82.23	70.56	59.85	70.57	91.84	109.44	124.96	165.54	189.17	199.51	165.41	165.06	164.15	186.47	195.51	174.12	160.14	169.01	176.80	175.54	159.28
24138	4.24	4.39	3.52	3.23	2.89	2.63	3.27	4.29	4.80	5.76	8.53	9.52	10.52	9.30	9.44	9.06	8.90	10.17	10.48	9.66	9.82	10.01	8.95	7.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	105.01	113.47	87.81	82.16	70.48	59.78	70.53	91.79	109.41	124.95	165.48	189.08	199.43	165.31	164.91	164.02	186.40	195.49	174.07	160.14	168.96	176.74	175.51	159.21
24260	4.22	4.37	3.51	3.15	2.80	2.57	3.23	4.24	4.78	5.75	8.46	9.43	10.44	9.20	9.29	8.93	8.83	10.14	10.43	9.66	9.77	9.96	8.92	7.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	105.01	113.47	87.81	82.16	70.48	59.78	70.53	91.79	109.41	124.95	165.48	189.08	199.43	165.31	164.91	164.02	186.40	195.49	174.07	160.14	168.96	176.74	175.51	159.21
24261	4.22	4.37	3.51	3.15	2.80	2.57	3.23	4.24	4.78	5.75	8.46	9.43	10.44	9.20	9.29	8.93	8.83	10.14	10.43	9.66	9.77	9.96	8.92	7.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	109.19	118.17	91.33	85.67	73.44	62.11	73.35	95.57	114.23	129.88	171.11	196.01	206.74	172.26	171.70	171.52	195.48	265.59	179.62	165.17	174.63	183.05	181.69	165.25
24011	8.40	9.07	7.02	6.67	5.77	4.89	6.05	8.02	9.60	10.68	14.10	16.26	17.30	14.09	14.31	14.19	16.79	16.90	15.98	14.68	15.45	16.26	15.10	13.16
	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	-71.80	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	110.28	119.33	92.20	86.53	74.18	62.71	74.16	96.67	115.42	131.08	172.60	197.82	209.11	173.91	173.39	173.16	197.85	266.96	181.60	166.99	176.54	185.12	183.49	166.67
23798	9.49	10.23	7.89	7.52	6.50	5.50	6.86	9.12	10.78	11.88	15.58	18.07	19.67	15.74	16.00	15.83	19.17	18.92	17.96	16.50	17.35	18.33	16.90	14.58
	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	-71.15	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	109.19	118.17	91.33	85.67	73.44	62.11	73.35	95.57	114.23	129.88	171.11	196.01	206.74	172.26	171.70	171.52	195.48	265.59	179.62	165.17	174.63	183.05	181.69	165.25
24028	8.40	9.07	7.02	6.67	5.77	4.89	6.05	8.02	9.60	10.68	14.10	16.26	17.30	14.09	14.31	14.19	16.79	16.90	15.98	14.68	15.45	16.26	15.10	13.16
	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	-71.80	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	106.67	115.53	89.58	84.06	72.00	60.89	71.57	93.05	111.12	126.48	166.94	190.88	201.06	168.28	167.56	167.10	188.70	272.24	173.69	159.89	169.58	177.77	176.64	161.54
23527	5.88	6.43	5.27	5.05	4.33	3.67	4.27	5.51	6.49	7.28	9.92	11.13	11.62	10.11	10.17	9.77	10.01	10.76	10.05	9.40	10.39	10.98	10.05	9.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-84.58	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	103.98	112.57	87.03	81.54	69.89	59.13	69.48	90.01	107.50	122.55	161.48	184.88	194.88	162.57	161.24	160.87	181.51	120.55	167.18	154.04	163.05	170.65	170.01	155.87
24190	3.19	3.47	2.72	2.54	2.22	1.92	2.18	2.46	2.86	3.35	4.46	5.13	5.44	4.41	3.86	3.54	2.82	3.52	3.54	3.55	3.86	3.86	3.42	3.78
	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	59.86	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	102.62	110.39	85.38	80.19	68.67	57.96	68.02	88.44	105.91	120.61	157.71	180.89	190.45	158.76	157.58	157.71	179.62	176.35	162.40	149.30	158.18	165.64	165.92	152.27
355683	1.83	1.29	1.08	1.19	1.00	0.75	0.73	0.89	1.27	1.41	0.70	1.13	1.00	0.59	0.19	0.38	0.93	-0.54	-1.24	-1.19	-1.01	-1.14	-0.67	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	105.10	113.81	87.93	82.47	70.68	59.81	70.34	91.33	109.11	124.24	163.69	187.28	197.29	164.55	163.29	163.30	185.35	123.29	170.26	156.72	165.90	173.77	173.13	158.30
323833	4.32	4.71	3.63	3.47	3.01	2.60	3.04	3.79	4.47	5.04	6.67	7.53	7.84	6.38	5.90	5.97	6.66	7.14	6.62	6.24	6.71	6.99	6.54	6.21
	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	60.74	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	105.08	113.81	87.90	82.45	70.65	59.79	70.31	91.29	109.08	124.21	163.62	187.22	197.21	164.48	163.25	163.22	185.24	123.31	170.18	156.69	165.85	173.72	173.06	158.27
323834	4.29	4.71	3.60	3.45	2.98	2.57	3.01	3.75	4.45	5.02	6.61	7.47	7.76	6.31	5.86	5.89	6.55	7.05	6.54	6.20	6.66	6.93	6.46	6.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.63	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	103.98	112.57	87.03	81.54	69.89	59.13	69.48	90.01	107.50	122.55	161.48	184.88	194.88	162.57	161.24	160.87	181.51	120.55	167.18	154.04	163.05	170.65	170.01	155.87
23571	3.19	3.47	2.72	2.54	2.22	1.92	2.18	2.46	2.86	3.35	4.46	5.13	5.44	4.41	3.86	3.54	2.82	3.52	3.54	3.55	3.86	3.86	3.42	3.78
	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	59.86	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	103.98 3.19 0.00	112.57 3.47 0.00	87.03 2.72 0.00	81.54 2.54 0.00	69.89 2.22 0.00	59.13 1.92 0.00	69.48 2.18 0.00	90.01 2.46 0.00	107.50 2.86 0.00	122.55 3.35 0.00	161.48 4.46 0.00	184.88 5.13 0.00	194.88 5.44 0.00	162.57 4.41 0.00	161.24 3.86 0.00	160.87 3.54 0.00	181.51 2.82 0.00	120.55 3.52 59.86	167.18 3.54 0.00	154.04 3.55 0.00	163.05 3.86 0.00	170.65 3.86 0.00	170.01 3.42 0.00	155.87 3.78 0.00
ALBANY___3 23573	103.98 3.19 0.00	112.57 3.47 0.00	87.03 2.72 0.00	81.54 2.54 0.00	69.89 2.22 0.00	59.13 1.92 0.00	69.48 2.18 0.00	90.01 2.46 0.00	107.50 2.86 0.00	122.55 3.35 0.00	161.48 4.46 0.00	184.88 5.13 0.00	194.88 5.44 0.00	162.57 4.41 0.00	161.24 3.86 0.00	160.87 3.54 0.00	181.51 2.82 0.00	120.55 3.52 59.86	167.18 3.54 0.00	154.04 3.55 0.00	163.05 3.86 0.00	170.65 3.86 0.00	170.01 3.42 0.00	155.87 3.78 0.00
ALBANY___4 23574	103.98 3.19 0.00	112.57 3.47 0.00	87.03 2.72 0.00	81.54 2.54 0.00	69.89 2.22 0.00	59.13 1.92 0.00	69.48 2.18 0.00	90.01 2.46 0.00	107.50 2.86 0.00	122.55 3.35 0.00	161.48 4.46 0.00	184.88 5.13 0.00	194.88 5.44 0.00	162.57 4.41 0.00	161.24 3.86 0.00	160.87 3.54 0.00	181.51 2.82 0.00	120.55 3.52 59.86	167.18 3.54 0.00	154.04 3.55 0.00	163.05 3.86 0.00	170.65 3.86 0.00	170.01 3.42 0.00	155.87 3.78 0.00
ALBANY___LFGE 323615	104.89 4.10 0.00	113.52 4.43 0.00	87.78 3.48 0.00	82.26 3.25 0.00	70.49 2.82 0.00	59.65 2.43 0.00	70.08 2.79 0.00	90.87 3.32 0.00	108.55 3.92 0.00	123.76 4.56 0.00	163.15 6.13 0.00	186.75 7.00 0.00	196.87 7.42 0.00	164.27 6.10 0.00	163.05 5.66 0.00	162.68 5.35 0.00	183.74 5.06 0.00	193.28 5.80 -10.59	169.28 5.64 0.00	155.90 5.41 0.00	164.98 5.79 0.00	172.71 5.92 0.00	172.01 5.42 0.00	157.57 5.47 0.00
ALCOA_PA_115KV_PL-6C 55860	103.41 2.62 0.00	111.61 2.51 0.00	86.24 1.94 0.00	80.84 1.84 0.00	69.19 1.52 0.00	58.33 1.12 0.00	68.43 1.13 0.00	88.97 1.42 0.00	106.56 1.93 0.00	121.73 2.53 0.00	160.34 3.32 0.00	183.94 4.19 0.00	193.84 4.40 0.00	161.34 3.18 0.00	160.36 2.98 0.00	160.41 3.08 0.00	182.53 3.85 0.00	179.18 2.29 0.00	164.92 1.28 0.00	151.55 1.06 0.00	160.59 1.41 0.00	168.15 1.36 0.00	168.05 1.46 0.00	154.78 2.68 0.00
ALCOA_RYNLDS___DRP 24188	103.41 2.62 0.00	111.61 2.51 0.00	86.24 1.94 0.00	80.84 1.84 0.00	69.19 1.52 0.00	58.33 1.12 0.00	68.43 1.13 0.00	88.97 1.42 0.00	106.56 1.93 0.00	121.73 2.53 0.00	160.34 3.32 0.00	183.94 4.19 0.00	193.84 4.40 0.00	161.34 3.18 0.00	160.36 2.98 0.00	160.41 3.08 0.00	182.53 3.85 0.00	179.18 2.29 0.00	164.92 1.28 0.00	151.55 1.06 0.00	160.59 1.41 0.00	168.15 1.36 0.00	168.05 1.46 0.00	154.78 2.68 0.00
ALCOA___DSASP 323711	103.41 2.62 0.00	111.61 2.51 0.00	86.24 1.94 0.00	80.84 1.84 0.00	69.19 1.52 0.00	58.33 1.12 0.00	68.43 1.13 0.00	88.97 1.42 0.00	106.56 1.93 0.00	121.73 2.53 0.00	160.34 3.32 0.00	183.94 4.19 0.00	193.84 4.40 0.00	161.34 3.18 0.00	160.36 2.98 0.00	160.41 3.08 0.00	182.53 3.85 0.00	179.18 2.29 0.00	164.92 1.28 0.00	151.55 1.06 0.00	160.59 1.41 0.00	168.15 1.36 0.00	168.05 1.46 0.00	154.78 2.68 0.00
ALLEGHENY___COGEN 23514	89.86 -5.37 5.55	94.00 -4.27 10.82	77.02 -3.74 3.55	74.28 -3.37 1.35	61.50 -3.05 3.13	51.82 -2.85 2.55	56.43 -4.67 6.19	75.58 -7.23 4.73	87.67 -11.37 5.59	100.01 -14.12 5.06	128.57 -20.40 8.06	145.46 -23.73 10.56	154.99 -24.93 9.53	121.87 -20.66 15.63	122.64 -20.76 13.99	124.21 -20.21 12.91	153.96 -20.41 4.31	151.36 -19.45 6.07	148.56 -20.13 -5.05	217.58 -18.78 -85.87	137.58 -19.50 2.11	145.39 -19.04 2.36	138.42 -16.93 11.23	124.22 -16.36 11.51
ALTAMONT_115KV_TB 2 55880	103.32 2.53 0.00	111.85 2.75 0.00	86.47 2.16 0.00	81.00 2.00 0.00	69.41 1.75 0.00	58.74 1.53 0.00	69.11 1.81 0.00	89.76 2.21 0.00	107.22 2.58 0.00	122.19 2.99 0.00	161.03 4.02 0.00	184.26 4.51 0.00	194.19 4.74 0.00	162.23 4.06 0.00	161.29 3.91 0.00	161.11 3.77 0.00	182.29 3.60 0.00	143.05 4.08 37.92	167.78 4.14 0.00	154.47 3.98 0.00	163.48 4.30 0.00	171.13 4.35 0.00	170.46 3.87 0.00	155.68 3.59 0.00
ALTONA_WT_PWR 323606	102.33 1.54 0.00	109.55 0.45 0.00	84.76 0.45 0.00	79.86 0.86 0.00	68.48 0.81 0.00	57.57 0.36 0.00	67.73 0.43 0.00	87.94 0.39 0.00	105.14 0.51 0.00	120.31 1.11 0.00	160.07 3.05 0.00	183.55 3.80 0.00	193.32 3.88 0.00	160.23 2.06 0.00	159.20 1.82 0.00	158.94 1.61 0.00	180.14 1.45 0.00	174.97 -1.92 0.00	160.14 -3.50 0.00	147.95 -2.53 0.00	157.76 -1.43 0.00	166.43 -0.36 0.00	167.61 1.02 0.00	154.03 1.94 0.00
AMERICAN_REF_FUEL 24010	55.71 -12.86 32.22	35.74 -10.60 62.76	54.28 -9.45 20.58	62.43 -8.76 7.81	42.07 -7.46 18.13	35.31 -7.10 14.80	22.20 -9.17 35.92	48.10 -12.01 27.44	57.65 -14.56 32.43	71.63 -18.20 29.37	86.28 -24.02 46.72	93.34 -27.62 58.78	116.16 -28.90 44.39	91.96 -24.82 41.39	93.89 -24.87 38.63	111.19 -24.43 21.71	128.07 -24.63 25.99	136.63 -21.94 18.32	138.43 -21.57 3.64	112.74 -19.15 18.60	136.78 -21.39 1.02	131.57 -21.52 13.70	84.93 -16.51 65.16	71.14 -14.18 66.77
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.92 -9.34 43.53	16.98 -7.33 84.79	50.51 -5.99 27.80	61.99 -6.46 10.55	37.45 -5.72 24.50	32.00 -5.22 20.00	12.47 -6.29 48.54	42.53 -7.95 37.07	51.07 -9.76 43.81	67.66 -11.86 39.68	78.82 -15.08 63.11	81.70 -18.83 79.22	109.62 -20.71 59.12	90.42 -15.71 52.03	91.34 -17.20 48.85	117.22 -15.00 25.10	132.20 -13.93 32.56	137.58 -15.47 23.84	143.00 -16.64 4.00	119.32 -14.99 16.18	142.35 -15.46 1.37	134.56 -13.72 18.51	69.29 -9.28 88.03	53.20 -8.69 90.20
ARTHUR KILL_GT_1 23520	104.22 3.43 0.00	112.60 3.50 0.00	87.22 2.92 0.00	81.43 2.43 0.00	69.89 2.22 0.00	59.31 2.10 0.00	69.88 2.58 0.00	90.90 3.35 0.00	108.40 3.76 0.00	123.77 4.57 0.00	163.85 6.83 0.00	187.43 7.78 0.10	197.64 8.65 0.45	163.96 7.85 2.05	163.53 7.91 1.77	162.57 7.48 2.24	184.79 7.22 1.12	193.96 8.61 -8.46	172.82 9.18 0.00	158.81 8.32 0.00	167.54 8.35 0.00	174.90 8.11 0.00	173.38 6.79 0.00	157.21 5.11 0.00
ARTHUR_KILL_2 23512	103.90 3.11 0.00	112.26 3.16 0.00	87.00 2.69 0.00	81.20 2.19 0.00	69.67 2.00 0.00	59.14 1.92 0.00	69.68 2.38 0.00	90.62 3.07 0.00	108.04 3.41 0.00	123.39 4.18 0.00	163.28 6.27 0.01	186.77 7.12 0.10	196.96 7.96 0.45	163.41 7.30 2.05	162.92 7.30 1.77	161.89 6.80 2.24	183.99 6.42 1.13	193.29 7.95 -8.45	172.17 8.53 0.01	158.18 7.70 0.01	166.93 7.75 0.01	174.29 7.51 0.01	172.85 6.25 0.00	156.72 4.63 0.00
ARTHUR_KILL_3 23513	103.84 3.04 0.00	112.26 3.16 0.00	86.91 2.61 0.00	81.28 2.28 0.00	69.74 2.07 0.00	59.17 1.96 0.00	69.78 2.48 0.00	90.80 3.25 0.00	108.17 3.53 0.00	123.58 4.38 0.00	163.44 6.43 0.00	186.62 6.97 0.10	196.84 7.85 0.46	163.18 7.07 2.05	162.77 7.16 1.77	161.88 6.79 2.25	183.85 6.28 1.12	193.13 7.78 -8.46	171.87 8.23 0.00	158.14 7.65 0.00	166.87 7.69 0.00	174.62 7.83 0.00	173.54 6.95 0.00	157.40 5.30 0.00

ARTHUR_KILL_COGEN 323718	104.20 3.41 0.00	112.59 3.49 0.00	87.24 2.93 0.00	81.42 2.42 0.00	69.87 2.20 0.00	59.31 2.09 0.00	69.88 2.58 0.00	90.88 3.33 0.00	108.36 3.72 0.00	123.76 4.56 0.00	163.79 6.78 0.01	187.37 7.72 0.10	197.56 8.57 0.45	163.92 7.81 2.05	163.44 7.82 1.77	162.45 7.36 2.24	184.66 7.10 1.13	193.96 8.62 -8.45	172.81 9.18 0.01	158.74 8.26 0.01	167.53 8.35 0.01	174.89 8.11 0.01	173.45 6.86 0.00	157.24 5.15 0.00
ASHOKAN____ 23654	107.07 6.28 0.00	115.70 6.60 0.00	89.40 5.09 0.00	83.65 4.65 0.00	71.75 4.08 0.00	60.88 3.67 0.00	71.81 4.51 0.00	93.55 6.00 0.00	111.95 7.31 0.00	128.03 8.83 0.00	168.87 11.85 0.00	192.80 13.14 0.09	203.17 14.13 0.40	167.90 11.55 1.82	167.05 11.24 1.57	166.96 11.62 1.99	191.29 13.59 0.99	147.34 14.86 44.41	177.82 14.18 0.00	163.42 12.93 0.00	172.62 13.43 0.00	180.37 13.58 0.00	178.93 12.34 0.00	162.67 10.58 0.00
ASTORIA_EAST_ENERGY_CC1 323581	104.47 3.68 0.00	112.64 3.54 0.00	87.39 3.08 0.00	81.60 2.59 0.00	69.99 2.32 0.00	59.40 2.18 0.00	70.07 2.77 0.00	91.17 3.62 0.00	108.56 3.92 0.00	124.04 4.84 0.00	164.25 7.24 0.00	187.37 7.72 0.10	197.73 8.74 0.45	164.04 7.92 2.05	163.52 7.91 1.77	162.59 7.50 2.24	184.90 7.33 1.12	194.20 8.85 -8.46	173.05 9.41 0.00	159.21 8.72 0.00	167.51 8.32 0.00	175.27 8.49 0.00	174.34 7.75 0.00	158.03 5.94 0.00
ASTORIA_EAST_ENERGY_CC2 323582	104.46 3.67 0.00	112.64 3.55 0.00	87.39 3.09 0.00	81.60 2.60 0.00	70.00 2.33 0.00	59.40 2.18 0.00	70.08 2.79 0.00	91.17 3.62 0.00	108.57 3.93 0.00	124.04 4.84 0.00	164.25 7.24 0.00	187.37 7.72 0.10	197.73 8.74 0.45	164.04 7.92 2.05	163.52 7.91 1.77	162.59 7.50 2.24	184.90 7.33 1.12	194.20 8.85 -8.46	173.05 9.41 0.00	159.21 8.72 0.00	167.51 8.32 0.00	175.27 8.49 0.00	174.34 7.75 0.00	158.03 5.94 0.00
ASTORIA_GT2_1 24094	104.53 3.75 0.00	112.68 3.58 0.00	87.42 3.12 0.00	81.62 2.62 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.10 2.80 0.00	91.22 3.67 0.00	108.69 4.05 0.00	124.15 4.95 0.00	164.38 7.37 0.00	187.53 7.89 0.10	197.89 8.90 0.45	164.20 8.08 2.05	163.76 8.14 1.77	162.78 7.69 2.24	185.12 7.55 1.12	194.32 8.97 -8.46	173.13 9.49 0.00	159.40 8.91 0.00	167.54 8.35 0.00	175.42 8.63 0.00	174.36 7.77 0.00	158.11 6.02 0.00
ASTORIA_GT2_2 24095	104.53 3.75 0.00	112.68 3.58 0.00	87.42 3.12 0.00	81.62 2.62 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.10 2.80 0.00	91.22 3.67 0.00	108.69 4.05 0.00	124.15 4.95 0.00	164.38 7.37 0.00	187.53 7.89 0.10	197.89 8.90 0.45	164.20 8.08 2.05	163.76 8.14 1.77	162.78 7.69 2.24	185.12 7.55 1.12	194.32 8.97 -8.46	173.13 9.49 0.00	159.40 8.91 0.00	167.54 8.35 0.00	175.42 8.63 0.00	174.36 7.77 0.00	158.11 6.02 0.00
ASTORIA_GT2_3 24096	104.53 3.75 0.00	112.68 3.58 0.00	87.42 3.12 0.00	81.62 2.62 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.10 2.80 0.00	91.22 3.67 0.00	108.69 4.05 0.00	124.15 4.95 0.00	164.38 7.37 0.00	187.53 7.89 0.10	197.89 8.90 0.45	164.20 8.08 2.05	163.76 8.14 1.77	162.78 7.69 2.24	185.12 7.55 1.12	194.32 8.97 -8.46	173.13 9.49 0.00	159.40 8.91 0.00	167.54 8.35 0.00	175.42 8.63 0.00	174.36 7.77 0.00	158.11 6.02 0.00
ASTORIA_GT2_4 24097	104.53 3.75 0.00	112.68 3.58 0.00	87.42 3.12 0.00	81.62 2.62 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.10 2.80 0.00	91.22 3.67 0.00	108.69 4.05 0.00	124.15 4.95 0.00	164.38 7.37 0.00	187.53 7.89 0.10	197.89 8.90 0.45	164.20 8.08 2.05	163.76 8.14 1.77	162.78 7.69 2.24	185.12 7.55 1.12	194.32 8.97 -8.46	173.13 9.49 0.00	159.40 8.91 0.00	167.54 8.35 0.00	175.42 8.63 0.00	174.36 7.77 0.00	158.11 6.02 0.00
ASTORIA_GT3_1 24098	104.53 3.75 0.00	112.68 3.58 0.00	87.42 3.12 0.00	81.62 2.62 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.10 2.80 0.00	91.22 3.67 0.00	108.69 4.05 0.00	124.15 4.95 0.00	164.38 7.37 0.00	187.53 7.89 0.10	197.89 8.90 0.45	164.20 8.08 2.05	163.76 8.14 1.77	162.78 7.69 2.24	185.12 7.55 1.12	194.32 8.97 -8.46	173.13 9.49 0.00	159.40 8.91 0.00	167.54 8.35 0.00	175.42 8.63 0.00	174.36 7.77 0.00	158.11 6.02 0.00
ASTORIA_GT3_2 24099	104.53 3.75 0.00	112.68 3.58 0.00	87.42 3.12 0.00	81.62 2.62 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.10 2.80 0.00	91.22 3.67 0.00	108.69 4.05 0.00	124.15 4.95 0.00	164.38 7.37 0.00	187.53 7.89 0.10	197.89 8.90 0.45	164.20 8.08 2.05	163.76 8.14 1.77	162.78 7.69 2.24	185.12 7.55 1.12	194.32 8.97 -8.46	173.13 9.49 0.00	159.40 8.91 0.00	167.54 8.35 0.00	175.42 8.63 0.00	174.36 7.77 0.00	158.11 6.02 0.00
ASTORIA_GT3_3 24100	104.53 3.75 0.00	112.68 3.58 0.00	87.42 3.12 0.00	81.62 2.62 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.10 2.80 0.00	91.22 3.67 0.00	108.69 4.05 0.00	124.15 4.95 0.00	164.38 7.37 0.00	187.53 7.89 0.10	197.89 8.90 0.45	164.20 8.08 2.05	163.76 8.14 1.77	162.78 7.69 2.24	185.12 7.55 1.12	194.32 8.97 -8.46	173.13 9.49 0.00	159.40 8.91 0.00	167.54 8.35 0.00	175.42 8.63 0.00	174.36 7.77 0.00	158.11 6.02 0.00
ASTORIA_GT3_4 24101	104.53 3.75 0.00	112.68 3.58 0.00	87.42 3.12 0.00	81.62 2.62 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.10 2.80 0.00	91.22 3.67 0.00	108.69 4.05 0.00	124.15 4.95 0.00	164.38 7.37 0.00	187.53 7.89 0.10	197.89 8.90 0.45	164.20 8.08 2.05	163.76 8.14 1.77	162.78 7.69 2.24	185.12 7.55 1.12	194.32 8.97 -8.46	173.13 9.49 0.00	159.40 8.91 0.00	167.54 8.35 0.00	175.42 8.63 0.00	174.36 7.77 0.00	158.11 6.02 0.00
ASTORIA_GT4_1 24102	104.53 3.75 0.00	112.68 3.58 0.00	87.42 3.12 0.00	81.62 2.62 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.10 2.80 0.00	91.22 3.67 0.00	108.69 4.05 0.00	124.15 4.95 0.00	164.38 7.37 0.00	187.53 7.89 0.10	197.89 8.90 0.45	164.20 8.08 2.05	163.76 8.14 1.77	162.78 7.69 2.24	185.12 7.55 1.12	194.32 8.97 -8.46	173.13 9.49 0.00	159.40 8.91 0.00	167.54 8.35 0.00	175.42 8.63 0.00	174.36 7.77 0.00	158.11 6.02 0.00
ASTORIA_GT4_2 24103	104.53 3.75 0.00	112.68 3.58 0.00	87.42 3.12 0.00	81.62 2.62 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.10 2.80 0.00	91.22 3.67 0.00	108.69 4.05 0.00	124.15 4.95 0.00	164.38 7.37 0.00	187.53 7.89 0.10	197.89 8.90 0.45	164.20 8.08 2.05	163.76 8.14 1.77	162.78 7.69 2.24	185.12 7.55 1.12	194.32 8.97 -8.46	173.13 9.49 0.00	159.40 8.91 0.00	167.54 8.35 0.00	175.42 8.63 0.00	174.36 7.77 0.00	158.11 6.02 0.00
ASTORIA_GT4_3 24104	104.53 3.75 0.00	112.68 3.58 0.00	87.42 3.12 0.00	81.62 2.62 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.10 2.80 0.00	91.22 3.67 0.00	108.69 4.05 0.00	124.15 4.95 0.00	164.38 7.37 0.00	187.53 7.89 0.10	197.89 8.90 0.45	164.20 8.08 2.05	163.76 8.14 1.77	162.78 7.69 2.24	185.12 7.55 1.12	194.32 8.97 -8.46	173.13 9.49 0.00	159.40 8.91 0.00	167.54 8.35 0.00	175.42 8.63 0.00	174.36 7.77 0.00	158.11 6.02 0.00

ASTORIA_GT4_4 24105	104.53 3.75 0.00	112.68 3.58 0.00	87.42 3.12 0.00	81.62 2.62 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.10 2.80 0.00	91.22 3.67 0.00	108.69 4.05 0.00	124.15 4.95 0.00	164.38 7.37 0.00	187.53 7.89 0.10	197.89 8.90 0.45	164.20 8.08 2.05	163.76 8.14 1.77	162.78 7.69 2.24	185.12 7.55 1.12	194.32 8.97 -8.46	173.13 9.49 0.00	159.40 8.91 0.00	167.54 8.35 0.00	175.42 8.63 0.00	174.36 7.77 0.00	158.11 6.02 0.00
ASTORIA_GT_1 23523	104.71 3.92 0.00	112.88 3.78 0.00	87.56 3.26 0.00	81.77 2.77 0.00	70.14 2.47 0.00	59.53 2.31 0.00	70.22 2.92 0.00	91.39 3.84 0.00	108.87 4.24 0.00	124.39 5.19 0.00	164.71 7.69 0.00	187.89 8.25 0.10	198.30 9.31 0.45	164.51 8.40 2.05	164.07 8.46 1.77	163.12 8.03 2.24	185.51 7.94 1.12	194.70 9.35 -8.46	173.51 9.87 0.00	159.73 9.25 0.00	167.93 8.74 0.00	175.78 8.99 0.00	174.72 8.13 0.00	158.43 6.34 0.00
ASTORIA_GT_10 24110	104.14 3.35 0.00	112.45 3.35 0.00	87.13 2.83 0.00	81.57 2.57 0.00	69.99 2.31 0.00	59.38 2.16 0.00	70.05 2.75 0.00	91.06 3.51 0.00	108.50 3.86 0.00	123.94 4.75 0.00	164.37 7.36 0.00	187.58 7.94 0.10	197.84 8.85 0.45	164.16 8.05 2.05	163.74 8.12 1.77	162.78 7.69 2.24	184.96 7.39 1.12	194.12 8.77 -8.46	172.89 9.25 0.00	158.91 8.42 0.00	167.68 8.50 0.00	175.26 8.47 0.00	173.99 7.39 0.00	157.81 5.72 0.00
ASTORIA_GT_11 24225	104.14 3.35 0.00	112.45 3.35 0.00	87.13 2.83 0.00	81.57 2.57 0.00	69.99 2.31 0.00	59.38 2.16 0.00	70.05 2.75 0.00	91.06 3.51 0.00	108.50 3.86 0.00	123.94 4.75 0.00	164.37 7.36 0.00	187.58 7.94 0.10	197.84 8.85 0.45	164.16 8.05 2.05	163.74 8.12 1.77	162.78 7.69 2.24	184.96 7.39 1.12	194.12 8.77 -8.46	172.89 9.25 0.00	158.91 8.42 0.00	167.68 8.50 0.00	175.26 8.47 0.00	173.99 7.39 0.00	157.81 5.72 0.00
ASTORIA_GT_12 24226	104.14 3.35 0.00	112.45 3.35 0.00	87.13 2.83 0.00	81.57 2.57 0.00	69.99 2.31 0.00	59.38 2.16 0.00	70.05 2.75 0.00	91.06 3.51 0.00	108.50 3.86 0.00	123.94 4.75 0.00	164.37 7.36 0.00	187.58 7.94 0.10	197.84 8.85 0.45	164.16 8.05 2.05	163.74 8.12 1.77	162.78 7.69 2.24	184.96 7.39 1.12	194.12 8.77 -8.46	172.89 9.25 0.00	158.91 8.42 0.00	167.68 8.50 0.00	175.26 8.47 0.00	173.99 7.39 0.00	157.81 5.72 0.00
ASTORIA_GT_13 24227	104.14 3.35 0.00	112.45 3.35 0.00	87.13 2.83 0.00	81.57 2.57 0.00	69.99 2.31 0.00	59.38 2.16 0.00	70.05 2.75 0.00	91.06 3.51 0.00	108.50 3.86 0.00	123.94 4.75 0.00	164.37 7.36 0.00	187.58 7.94 0.10	197.84 8.85 0.45	164.16 8.05 2.05	163.74 8.12 1.77	162.78 7.69 2.24	184.96 7.39 1.12	194.12 8.77 -8.46	172.89 9.25 0.00	158.91 8.42 0.00	167.68 8.50 0.00	175.26 8.47 0.00	173.99 7.39 0.00	157.81 5.72 0.00
ASTORIA_GT_5 24106	104.71 3.92 0.00	112.88 3.78 0.00	87.56 3.26 0.00	81.77 2.77 0.00	70.14 2.47 0.00	59.53 2.31 0.00	70.22 2.92 0.00	91.39 3.84 0.00	108.87 4.24 0.00	124.39 5.19 0.00	164.71 7.69 0.00	187.89 8.25 0.10	198.30 9.31 0.45	164.51 8.40 2.05	164.07 8.46 1.77	163.12 8.03 2.24	185.51 7.94 1.12	194.70 9.35 -8.46	173.51 9.87 0.00	159.73 9.25 0.00	167.93 8.74 0.00	175.78 8.99 0.00	174.72 8.13 0.00	158.43 6.34 0.00
ASTORIA_GT_7 24107	104.71 3.92 0.00	112.88 3.78 0.00	87.56 3.26 0.00	81.77 2.77 0.00	70.14 2.47 0.00	59.53 2.31 0.00	70.22 2.92 0.00	91.39 3.84 0.00	108.87 4.24 0.00	124.39 5.19 0.00	164.71 7.69 0.00	187.89 8.25 0.10	198.30 9.31 0.45	164.51 8.40 2.05	164.07 8.46 1.77	163.12 8.03 2.24	185.51 7.94 1.12	194.70 9.35 -8.46	173.51 9.87 0.00	159.73 9.25 0.00	167.93 8.74 0.00	175.78 8.99 0.00	174.72 8.13 0.00	158.43 6.34 0.00
ASTORIA_GT_8 24108	104.71 3.92 0.00	112.88 3.78 0.00	87.56 3.26 0.00	81.77 2.77 0.00	70.14 2.47 0.00	59.53 2.31 0.00	70.22 2.92 0.00	91.39 3.84 0.00	108.87 4.24 0.00	124.39 5.19 0.00	164.71 7.69 0.00	187.89 8.25 0.10	198.30 9.31 0.45	164.51 8.40 2.05	164.07 8.46 1.77	163.12 8.03 2.24	185.51 7.94 1.12	194.70 9.35 -8.46	173.51 9.87 0.00	159.73 9.25 0.00	167.93 8.74 0.00	175.78 8.99 0.00	174.72 8.13 0.00	158.43 6.34 0.00
ASTORIA___2 24149	104.51 3.72 0.00	112.66 3.57 0.00	87.43 3.12 0.00	81.62 2.61 0.00	70.02 2.35 0.00	59.42 2.20 0.00	70.09 2.80 0.00	91.20 3.66 0.00	108.63 3.99 0.00	124.11 4.91 0.00	164.29 7.27 0.00	187.47 7.83 0.10	197.78 8.79 0.45	164.12 8.00 2.05	163.58 7.96 1.77	162.66 7.57 2.24	185.03 7.46 1.12	194.30 8.95 -8.46	173.13 9.49 0.00	159.27 8.78 0.00	167.57 8.39 0.00	175.40 8.61 0.00	174.44 7.85 0.00	158.08 5.99 0.00
ASTORIA___3 23516	104.12 3.33 0.00	112.42 3.32 0.00	87.14 2.84 0.00	81.54 2.54 0.00	69.97 2.30 0.00	59.38 2.16 0.00	70.03 2.73 0.00	91.03 3.48 0.00	108.47 3.84 0.00	123.91 4.71 0.00	164.31 7.29 0.00	187.49 7.85 0.10	197.74 8.75 0.45	164.11 7.99 2.05	163.63 8.01 1.77	162.68 7.58 2.24	184.85 7.28 1.12	194.09 8.74 -8.46	172.87 9.24 0.00	158.80 8.31 0.00	167.69 8.50 0.00	175.24 8.46 0.00	174.07 7.48 0.00	157.80 5.71 0.00
ASTORIA___4 23517	104.14 3.35 0.00	112.44 3.34 0.00	87.13 2.83 0.00	81.57 2.57 0.00	69.99 2.31 0.00	59.38 2.16 0.00	70.05 2.75 0.00	91.06 3.51 0.00	108.50 3.86 0.00	123.94 4.75 0.00	164.37 7.36 0.00	187.58 7.94 0.10	197.84 8.85 0.45	164.16 8.05 2.05	163.74 8.12 1.77	162.78 7.69 2.24	184.96 7.39 1.12	194.12 8.77 -8.46	172.89 9.25 0.00	158.90 8.41 0.00	167.68 8.50 0.00	175.26 8.47 0.00	173.99 7.39 0.00	157.81 5.72 0.00
ASTORIA___5 23518	104.12 3.33 0.00	112.42 3.32 0.00	87.14 2.84 0.00	81.54 2.54 0.00	69.97 2.30 0.00	59.38 2.16 0.00	70.03 2.73 0.00	91.03 3.48 0.00	108.47 3.84 0.00	123.91 4.71 0.00	164.31 7.29 0.00	187.49 7.85 0.10	197.74 8.75 0.45	164.11 7.99 2.05	163.63 8.01 1.77	162.68 7.58 2.24	184.85 7.28 1.12	194.09 8.74 -8.46	172.87 9.24 0.00	158.80 8.31 0.00	167.69 8.50 0.00	175.24 8.46 0.00	174.07 7.48 0.00	157.80 5.71 0.00
AST_ENERGY_2_CC3 323677	104.10 3.32 0.00	112.61 3.51 0.00	87.17 2.86 0.00	81.54 2.54 0.00	69.96 2.29 0.00	59.35 2.13 0.00	69.99 2.69 0.00	91.07 3.53 0.00	108.41 3.77 0.00	123.86 4.66 0.00	164.05 7.03 0.00	187.46 7.82 0.10	197.76 8.77 0.45	163.95 7.83 2.05	163.49 7.87 1.77	162.56 7.46 2.24	184.64 7.07 1.12	193.84 8.49 -8.46	172.56 8.92 0.00	158.75 8.26 0.00	167.53 8.35 0.00	175.25 8.46 0.00	174.10 7.50 0.00	157.90 5.81 0.00
AST_ENERGY_2_CC4 323678	104.10 3.32 0.00	112.61 3.51 0.00	87.17 2.86 0.00	81.54 2.54 0.00	69.96 2.29 0.00	59.35 2.13 0.00	69.99 2.69 0.00	91.07 3.53 0.00	108.41 3.77 0.00	123.86 4.66 0.00	164.05 7.03 0.00	187.46 7.82 0.10	197.76 8.77 0.45	163.95 7.83 2.05	163.49 7.87 1.77	162.56 7.46 2.24	184.64 7.07 1.12	193.84 8.49 -8.46	172.56 8.92 0.00	158.75 8.26 0.00	167.53 8.35 0.00	175.25 8.46 0.00	174.10 7.50 0.00	157.90 5.81 0.00

ATHENS_STG_1 23668	103.41 2.62 0.00	111.89 2.79 0.00	86.51 2.20 0.00	80.99 1.99 0.00	69.43 1.76 0.00	58.80 1.59 0.00	69.27 1.98 0.00	90.10 2.55 0.00	107.53 2.89 0.00	122.55 3.35 0.00	161.68 4.67 0.00	184.77 5.12 0.10	194.68 5.67 0.44	161.20 5.02 1.99	160.83 5.16 1.72	160.11 4.95 2.17	182.30 4.70 1.08	183.92 5.30 -1.73	169.34 5.70 0.00	155.86 5.37 0.00	164.82 5.63 0.00	172.54 5.75 0.00	171.60 5.00 0.00	156.20 4.11 0.00
ATHENS_STG_2 23670	103.41 2.62 0.00	111.89 2.79 0.00	86.51 2.20 0.00	80.99 1.99 0.00	69.43 1.76 0.00	58.80 1.59 0.00	69.27 1.98 0.00	90.10 2.55 0.00	107.53 2.89 0.00	122.55 3.35 0.00	161.68 4.67 0.00	184.77 5.12 0.10	194.68 5.67 0.44	161.20 5.02 1.99	160.83 5.16 1.72	160.11 4.95 2.17	182.30 4.70 1.08	183.92 5.30 -1.73	169.34 5.70 0.00	155.86 5.37 0.00	164.82 5.63 0.00	172.54 5.75 0.00	171.60 5.00 0.00	156.20 4.11 0.00
ATHENS_STG_3 23677	103.41 2.62 0.00	111.89 2.79 0.00	86.51 2.20 0.00	80.99 1.99 0.00	69.43 1.76 0.00	58.80 1.59 0.00	69.27 1.98 0.00	90.10 2.55 0.00	107.53 2.89 0.00	122.55 3.35 0.00	161.68 4.67 0.00	184.77 5.12 0.10	194.68 5.67 0.44	161.20 5.02 1.99	160.83 5.16 1.72	160.11 4.95 2.17	182.30 4.70 1.08	183.92 5.30 -1.73	169.34 5.70 0.00	155.86 5.37 0.00	164.82 5.63 0.00	172.54 5.75 0.00	171.60 5.00 0.00	156.20 4.11 0.00
AUBURN___LFGE 323710	98.66 -2.13 0.00	107.21 -1.89 0.00	82.76 -1.54 0.00	77.78 -1.23 0.00	66.53 -1.14 0.00	56.14 -1.07 0.00	66.23 -1.06 0.00	86.30 -1.25 0.00	103.15 -1.49 0.00	116.79 -2.41 0.00	153.74 -3.28 0.00	175.21 -4.19 0.35	184.15 -3.74 1.55	148.25 -2.89 7.03	148.20 -3.12 6.06	146.82 -2.83 7.68	172.59 -2.27 3.83	174.29 -1.41 1.19	164.53 -0.78 -1.67	149.80 -0.68 0.00	158.54 -1.61 -0.97	165.36 -1.43 0.00	165.31 -1.29 0.00	150.40 -1.69 0.00
BABYLON_RES_REC 323704	111.04 5.87 -4.38	116.89 5.89 -1.90	92.18 4.64 -3.23	83.19 4.13 -0.07	71.86 3.65 -0.54	69.95 3.29 -9.45	73.50 4.09 -2.11	96.55 5.41 -3.59	116.97 5.29 -7.04	130.63 5.50 -5.93	170.91 8.60 -5.30	192.03 8.78 -3.51	202.28 9.55 -3.29	167.02 7.54 -1.32	164.12 7.45 0.72	162.12 6.96 2.17	185.18 7.30 0.81	194.99 8.36 -9.74	172.83 9.01 -0.18	162.67 8.02 -4.16	167.19 7.68 -0.33	176.63 7.60 -2.24	168.01 6.24 4.83	129.82 3.61 25.89
BALL_HILL_WT_PWR 323825	51.09 -9.35 40.35	22.96 -7.54 78.60	52.16 -6.38 25.77	62.88 -6.35 9.78	39.30 -5.66 22.71	33.43 -5.25 18.54	15.79 -6.51 44.99	44.76 -8.43 34.36	53.69 -10.33 40.61	69.63 -12.79 36.78	82.28 -16.23 58.50	86.79 -19.48 73.48	113.91 -20.55 54.98	92.21 -16.92 49.04	93.86 -17.56 45.97	116.85 -16.34 24.15	132.01 -15.66 31.02	139.12 -15.48 22.29	143.23 -15.93 4.48	113.50 -14.30 22.69	142.56 -15.35 1.27	135.35 -14.28 17.15	74.55 -10.44 81.60	59.07 -9.41 83.62
BARON_WINDS___WT_PWR 323822	102.61 -7.14 -8.96	120.37 -6.19 -17.46	84.88 -5.15 -5.73	76.32 -4.86 -2.18	68.24 -4.48 -5.05	57.32 -4.02 -4.12	72.20 -5.09 -10.00	88.32 -6.86 -7.64	105.23 -8.43 -9.02	118.18 -9.19 -8.17	159.29 -10.73 -13.00	182.38 -13.08 -15.71	184.85 -14.07 -9.47	144.90 -11.74 1.53	145.34 -11.55 0.50	138.16 -11.09 8.08	159.13 -12.58 6.98	164.10 -14.30 -1.51	130.31 -15.68 17.65	3.05 -14.67 132.77	143.38 -13.34 2.46	160.24 -10.36 -3.81	176.32 -8.40 -18.13	161.72 -8.95 -18.58
BARRETT_IC_1 23704	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97
BARRETT_IC_10 23701	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97
BARRETT_IC_11 23702	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97
BARRETT_IC_12 23703	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97
BARRETT_IC_2 23705	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97
BARRETT_IC_3 23706	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97
BARRETT_IC_4 23707	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97
BARRETT_IC_5 23708	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97

BARRETT_IC_6 23709	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97
BARRETT_IC_7 23710	105.76 4.98 0.00	114.12 5.02 0.00	88.23 3.93 0.00	82.50 3.50 0.00	70.81 3.13 0.00	60.05 2.83 0.00	70.82 3.52 0.00	91.91 4.36 0.00	108.53 3.89 0.00	123.26 4.06 0.00	164.47 7.45 0.00	187.30 7.65 0.10	197.23 8.24 0.45	163.00 6.88 2.05	162.64 7.02 1.77	161.62 6.52 2.24	184.11 6.53 1.12	192.46 7.10 -8.46	171.62 7.98 0.00	158.00 7.51 0.00	166.40 7.21 0.00	173.75 6.97 0.00	172.25 5.18 -0.48	157.29 3.23 -1.97
BARRETT_IC_8 23711	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97
BARRETT_IC_9 23700	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97
BARRETT___1 23545	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97
BARRETT___2 23546	105.70 4.92 0.00	114.09 4.99 0.00	88.24 3.94 0.00	82.50 3.50 0.00	70.77 3.10 0.00	60.05 2.83 0.00	70.80 3.50 0.00	91.89 4.34 0.00	108.50 3.86 0.00	123.23 4.03 0.00	164.37 7.35 0.00	187.23 7.58 0.10	197.17 8.18 0.45	162.94 6.82 2.05	162.54 6.91 1.76	161.55 6.45 2.23	184.03 6.46 1.11	192.48 7.12 -8.47	171.58 7.94 -0.01	157.97 7.48 -0.01	166.40 7.22 0.00	173.75 6.96 0.00	172.31 5.23 -0.48	157.03 2.97 -1.97
BATAVIA__115KV_TB1 55881	92.91 -7.88 0.00	103.20 -5.91 0.00	78.85 -5.46 0.00	73.94 -5.07 0.00	63.30 -4.37 0.00	52.96 -4.26 0.00	61.73 -5.56 0.00	80.34 -7.20 0.00	96.06 -8.58 0.00	107.73 -11.47 0.00	141.16 -15.85 0.00	160.42 -18.80 0.53	167.25 -19.86 2.34	130.87 -16.69 10.61	130.45 -17.79 9.15	127.42 -18.33 11.58	155.11 -17.14 6.44	160.28 -13.72 2.89	146.95 -13.91 2.78	124.51 -12.65 13.33	144.25 -14.10 0.83	152.36 -14.42 0.00	155.71 -10.89 0.00	142.37 -9.72 0.00
BAYONEEC___CTG1 323682	104.29 3.50 0.00	112.72 3.62 0.00	87.24 2.94 0.00	81.62 2.61 0.00	70.02 2.35 0.00	59.40 2.19 0.00	70.05 2.75 0.00	91.16 3.61 0.00	108.61 3.97 0.00	124.05 4.85 0.00	164.19 7.18 0.00	187.61 7.97 0.10	197.90 8.91 0.45	164.05 7.93 2.05	163.61 7.99 1.77	162.72 7.63 2.24	184.73 7.15 1.12	193.93 8.58 -8.46	172.60 8.96 0.00	158.76 8.27 0.00	167.56 8.37 0.00	175.36 8.58 0.00	174.28 7.69 0.00	158.08 5.98 0.00
BAYONEEC___CTG10 323750	104.29 3.50 0.00	112.72 3.62 0.00	87.24 2.94 0.00	81.62 2.61 0.00	70.02 2.35 0.00	59.40 2.19 0.00	70.05 2.75 0.00	91.16 3.61 0.00	108.61 3.97 0.00	124.05 4.85 0.00	164.19 7.18 0.00	187.61 7.97 0.10	197.90 8.91 0.45	164.05 7.93 2.05	163.61 7.99 1.77	162.72 7.63 2.24	184.73 7.15 1.12	193.93 8.58 -8.46	172.60 8.96 0.00	158.76 8.27 0.00	167.56 8.37 0.00	175.36 8.58 0.00	174.28 7.69 0.00	158.08 5.98 0.00
BAYONEEC___CTG2 323683	104.29 3.50 0.00	112.72 3.62 0.00	87.24 2.94 0.00	81.62 2.61 0.00	70.02 2.35 0.00	59.40 2.19 0.00	70.05 2.75 0.00	91.16 3.61 0.00	108.61 3.97 0.00	124.05 4.85 0.00	164.19 7.18 0.00	187.61 7.97 0.10	197.90 8.91 0.45	164.05 7.93 2.05	163.61 7.99 1.77	162.72 7.63 2.24	184.73 7.15 1.12	193.93 8.58 -8.46	172.60 8.96 0.00	158.76 8.27 0.00	167.56 8.37 0.00	175.36 8.58 0.00	174.28 7.69 0.00	158.08 5.98 0.00
BAYONEEC___CTG3 323684	104.29 3.50 0.00	112.72 3.62 0.00	87.24 2.94 0.00	81.62 2.61 0.00	70.02 2.35 0.00	59.40 2.19 0.00	70.05 2.75 0.00	91.16 3.61 0.00	108.61 3.97 0.00	124.05 4.85 0.00	164.19 7.18 0.00	187.61 7.97 0.10	197.90 8.91 0.45	164.05 7.93 2.05	163.61 7.99 1.77	162.72 7.63 2.24	184.73 7.15 1.12	193.93 8.58 -8.46	172.60 8.96 0.00	158.76 8.27 0.00	167.56 8.37 0.00	175.36 8.58 0.00	174.28 7.69 0.00	158.08 5.98 0.00
BAYONEEC___CTG4 323685	104.29 3.50 0.00	112.72 3.62 0.00	87.24 2.94 0.00	81.62 2.61 0.00	70.02 2.35 0.00	59.40 2.19 0.00	70.05 2.75 0.00	91.16 3.61 0.00	108.61 3.97 0.00	124.05 4.85 0.00	164.19 7.18 0.00	187.61 7.97 0.10	197.90 8.91 0.45	164.05 7.93 2.05	163.61 7.99 1.77	162.72 7.63 2.24	184.73 7.15 1.12	193.93 8.58 -8.46	172.60 8.96 0.00	158.76 8.27 0.00	167.56 8.37 0.00	175.36 8.58 0.00	174.28 7.69 0.00	158.08 5.98 0.00
BAYONEEC___CTG5 323686	104.29 3.50 0.00	112.72 3.62 0.00	87.24 2.94 0.00	81.62 2.61 0.00	70.02 2.35 0.00	59.40 2.19 0.00	70.05 2.75 0.00	91.16 3.61 0.00	108.61 3.97 0.00	124.05 4.85 0.00	164.19 7.18 0.00	187.61 7.97 0.10	197.90 8.91 0.45	164.05 7.93 2.05	163.61 7.99 1.77	162.72 7.63 2.24	184.73 7.15 1.12	193.93 8.58 -8.46	172.60 8.96 0.00	158.76 8.27 0.00	167.56 8.37 0.00	175.36 8.58 0.00	174.28 7.69 0.00	158.08 5.98 0.00
BAYONEEC___CTG6 323687	104.29 3.50 0.00	112.72 3.62 0.00	87.24 2.94 0.00	81.62 2.61 0.00	70.02 2.35 0.00	59.40 2.19 0.00	70.05 2.75 0.00	91.16 3.61 0.00	108.61 3.97 0.00	124.05 4.85 0.00	164.19 7.18 0.00	187.61 7.97 0.10	197.90 8.91 0.45	164.05 7.93 2.05	163.61 7.99 1.77	162.72 7.63 2.24	184.73 7.15 1.12	193.93 8.58 -8.46	172.60 8.96 0.00	158.76 8.27 0.00	167.56 8.37 0.00	175.36 8.58 0.00	174.28 7.69 0.00	158.08 5.98 0.00
BAYONEEC___CTG7 323688	104.29 3.50 0.00	112.72 3.62 0.00	87.24 2.94 0.00	81.62 2.61 0.00	70.02 2.35 0.00	59.40 2.19 0.00	70.05 2.75 0.00	91.16 3.61 0.00	108.61 3.97 0.00	124.05 4.85 0.00	164.19 7.18 0.00	187.61 7.97 0.10	197.90 8.91 0.45	164.05 7.93 2.05	163.61 7.99 1.77	162.72 7.63 2.24	184.73 7.15 1.12	193.93 8.58 -8.46	172.60 8.96 0.00	158.76 8.27 0.00	167.56 8.37 0.00	175.36 8.58 0.00	174.28 7.69 0.00	158.08 5.98 0.00

BAYONEEC___CTG8 323689	104.29 3.50 0.00	112.72 3.62 0.00	87.24 2.94 0.00	81.62 2.61 0.00	70.02 2.35 0.00	59.40 2.19 0.00	70.05 2.75 0.00	91.16 3.61 0.00	108.61 3.97 0.00	124.05 4.85 0.00	164.19 7.18 0.00	187.61 7.97 0.10	197.90 8.91 0.45	164.05 7.93 2.05	163.61 7.99 1.77	162.72 7.63 2.24	184.73 7.15 1.12	193.93 8.58 -8.46	172.60 8.96 0.00	158.76 8.27 0.00	167.56 8.37 0.00	175.36 8.58 0.00	174.28 7.69 0.00	158.08 5.98 0.00
BAYONEEC___CTG9 323749	104.29 3.50 0.00	112.72 3.62 0.00	87.24 2.94 0.00	81.62 2.61 0.00	70.02 2.35 0.00	59.40 2.19 0.00	70.05 2.75 0.00	91.16 3.61 0.00	108.61 3.97 0.00	124.05 4.85 0.00	164.19 7.18 0.00	187.61 7.97 0.10	197.90 8.91 0.45	164.05 7.93 2.05	163.61 7.99 1.77	162.72 7.63 2.24	184.73 7.15 1.12	193.93 8.58 -8.46	172.60 8.96 0.00	158.76 8.27 0.00	167.56 8.37 0.00	175.36 8.58 0.00	174.28 7.69 0.00	158.08 5.98 0.00
BEACON___LESR 323632	105.12 4.33 0.00	113.65 4.55 0.00	87.87 3.57 0.00	82.50 3.50 0.00	70.51 2.84 0.00	59.70 2.49 0.00	70.26 2.97 0.00	91.30 3.75 0.00	109.11 4.47 0.00	124.37 5.17 0.00	164.14 7.12 0.00	187.96 8.22 0.00	197.76 8.31 0.00	164.98 6.82 0.00	163.93 6.54 0.00	163.79 6.46 0.00	185.15 6.46 0.00	66.01 6.86 117.74	170.71 7.07 0.00	157.30 6.81 0.00	166.45 7.26 0.00	174.32 7.53 0.00	173.28 6.69 0.00	158.52 6.43 0.00
BEAVER RIVER___HYD 24048	103.52 2.73 0.00	111.74 2.64 0.00	86.37 2.06 0.00	81.00 2.00 0.00	69.10 1.43 0.00	58.35 1.13 0.00	68.60 1.30 0.00	89.32 1.78 0.00	107.35 2.71 0.00	122.57 3.37 0.00	161.37 4.36 0.00	184.62 4.87 0.00	194.00 4.56 0.00	161.59 3.42 0.00	159.55 2.17 0.00	160.75 3.42 0.00	182.55 3.86 0.00	181.27 4.38 0.00	167.33 3.69 0.00	151.67 1.19 0.00	157.99 -1.20 0.00	166.98 0.19 0.00	169.04 2.45 0.00	153.66 1.56 0.00
BEEBEE_GT_13 23619	94.53 -6.26 0.00	103.83 -5.27 0.00	79.84 -4.46 0.00	74.89 -4.12 0.00	64.03 -3.64 0.00	53.83 -3.39 0.00	63.03 -4.27 0.00	81.98 -5.56 0.00	97.97 -6.66 0.00	110.53 -8.67 0.00	145.28 -11.74 0.00	165.45 -13.77 0.53	173.03 -14.06 2.35	135.96 -11.57 10.64	136.68 -11.53 9.18	134.31 -11.40 11.62	162.15 -10.76 5.79	165.57 -8.57 2.75	153.91 -8.82 0.91	141.37 -8.16 0.96	149.45 -9.20 0.53	157.19 -9.60 0.00	159.06 -7.53 0.00	145.44 -6.66 0.00
BENSHRST_27_KV_BENSHRST_1 355998	104.84 4.05 0.00	113.18 4.08 0.00	87.63 3.32 0.00	81.90 2.90 0.00	70.28 2.61 0.00	59.63 2.42 0.00	70.33 3.03 0.00	91.51 3.96 0.00	109.12 4.48 0.00	124.75 5.55 0.00	165.59 8.58 0.00	188.83 9.18 0.10	199.03 9.01 0.45	165.12 9.01 2.05	164.66 9.04 1.77	163.77 8.68 2.24	186.09 8.52 1.12	195.36 10.01 -8.46	174.08 10.44 0.00	160.00 9.51 0.00	168.76 9.57 0.00	176.37 9.59 0.00	175.24 8.65 0.00	158.78 6.69 0.00
BETHLEHEM___GRP 23843	103.98 3.19 0.00	112.57 3.47 0.00	87.03 2.72 0.00	81.54 2.54 0.00	69.89 2.22 0.00	59.13 1.92 0.00	69.48 2.18 0.00	90.01 2.46 0.00	107.50 2.86 0.00	122.55 3.35 0.00	161.48 4.46 0.00	184.88 5.13 0.00	194.88 5.44 0.00	162.57 4.41 0.00	161.24 3.86 0.00	160.87 3.54 0.00	181.51 2.82 0.00	120.55 3.52 59.86	167.18 3.54 0.00	154.04 3.55 0.00	163.05 3.86 0.00	170.65 3.86 0.00	170.01 3.42 0.00	155.87 3.78 0.00
BETHLEHEM___GS1 323560	103.98 3.19 0.00	112.55 3.45 0.00	87.02 2.72 0.00	81.54 2.54 0.00	69.88 2.21 0.00	59.14 1.92 0.00	69.47 2.17 0.00	90.01 2.46 0.00	107.49 2.85 0.00	122.54 3.34 0.00	161.48 4.46 0.00	184.79 5.04 0.00	194.83 5.39 0.00	162.56 4.39 0.00	161.22 3.83 0.00	160.84 3.51 0.00	181.49 2.80 0.00	120.52 3.49 59.86	167.18 3.54 0.00	154.01 3.52 0.00	163.05 3.86 0.00	170.66 3.87 0.00	170.02 3.43 0.00	155.87 3.78 0.00
BETHLEHEM___GS2 323561	103.98 3.19 0.00	112.55 3.45 0.00	87.02 2.72 0.00	81.54 2.54 0.00	69.88 2.21 0.00	59.14 1.92 0.00	69.47 2.17 0.00	90.01 2.46 0.00	107.49 2.85 0.00	122.54 3.34 0.00	161.48 4.46 0.00	184.79 5.04 0.00	194.83 5.39 0.00	162.56 4.39 0.00	161.22 3.83 0.00	160.84 3.51 0.00	181.49 2.80 0.00	120.52 3.49 59.86	167.18 3.54 0.00	154.01 3.52 0.00	163.05 3.86 0.00	170.66 3.87 0.00	170.02 3.43 0.00	155.87 3.78 0.00
BETHLEHEM___GS3 323562	103.98 3.19 0.00	112.55 3.45 0.00	87.02 2.72 0.00	81.54 2.54 0.00	69.88 2.21 0.00	59.14 1.92 0.00	69.47 2.17 0.00	90.01 2.46 0.00	107.49 2.85 0.00	122.54 3.34 0.00	161.48 4.46 0.00	184.79 5.04 0.00	194.83 5.39 0.00	162.56 4.39 0.00	161.22 3.83 0.00	160.84 3.51 0.00	181.49 2.80 0.00	120.52 3.49 59.86	167.18 3.54 0.00	154.01 3.52 0.00	163.05 3.86 0.00	170.66 3.87 0.00	170.02 3.43 0.00	155.87 3.78 0.00
BETHLEHEM___STEEL 23779	91.35 -9.43 0.00	101.52 -7.58 0.00	77.76 -6.55 0.00	72.84 -6.16 0.00	62.21 -5.46 0.00	51.95 -5.26 0.00	60.54 -6.76 0.00	78.65 -8.90 0.00	94.05 -10.58 0.00	105.84 -13.36 0.00	139.66 -17.35 0.00	158.79 -20.43 0.52	166.21 -20.92 2.33	129.92 -17.71 10.54	130.24 -18.06 9.09	128.45 -17.37 11.51	154.90 -16.85 6.93	159.12 -14.72 3.05	143.97 -15.28 4.39	113.77 -13.91 22.81	142.81 -15.17 1.21	152.24 -14.54 0.00	156.35 -10.25 0.00	143.42 -8.67 0.00
BETHLHEM_115KV_TB1 79974	103.85 3.06 0.00	112.41 3.31 0.00	86.90 2.60 0.00	81.46 2.46 0.00	69.78 2.11 0.00	59.07 1.85 0.00	69.40 2.10 0.00	89.97 2.43 0.00	107.44 2.81 0.00	122.46 3.26 0.00	161.41 4.39 0.00	184.80 5.05 0.00	194.77 5.32 0.00	162.53 4.37 0.00	161.32 3.93 0.00	160.97 3.64 0.00	181.75 3.06 0.00	124.06 3.69 56.52	167.40 3.76 0.00	154.20 3.71 0.00	163.19 4.01 0.00	170.81 4.03 0.00	170.18 3.58 0.00	155.90 3.81 0.00
BETHPAGE_CC_5 323564	108.35 5.30 -2.27	115.36 5.28 -0.98	90.19 4.21 -1.67	82.75 3.72 -0.03	71.25 3.30 -0.28	65.11 3.00 -4.89	72.14 3.75 -1.09	94.34 4.93 -1.86	113.14 4.86 -3.65	127.39 5.13 -3.07	167.52 8.04 -2.47	189.48 8.17 -1.57	198.98 8.86 -0.67	164.16 6.89 0.90	162.69 6.88 1.57	161.42 6.33 2.24	183.97 6.36 1.08	192.98 7.51 -8.58	171.71 8.07 0.00	157.65 7.16 0.00	166.25 7.05 -0.01	173.72 6.94 0.00	167.53 5.58 4.64	131.70 3.26 23.65
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	91.90 -8.89 0.00	102.08 -7.02 0.00	78.19 -6.12 0.00	73.26 -5.74 0.00	62.55 -5.12 0.00	52.26 -4.96 0.00	60.91 -6.39 0.00	79.15 -8.39 0.00	94.71 -9.93 0.00	106.56 -12.63 0.00	140.67 -16.34 0.00	159.91 -19.32 0.52	167.44 -19.68 2.33	130.99 -16.65 10.53	131.21 -17.10 9.08	129.46 -16.37 11.49	156.19 -15.65 6.85	160.21 -13.62 3.06	145.13 -14.21 4.29	116.05 -13.06 21.38	143.71 -14.24 1.24	153.23 -13.56 0.00	157.29 -9.30 0.00	144.33 -7.77 0.00
BINGHAMTON___COGEN 23790	99.13 -1.66 0.00	107.77 -1.33 0.00	83.19 -1.11 0.00	77.84 -1.16 0.00	66.55 -1.13 0.00	56.27 -0.95 0.00	66.21 -1.08 0.00	86.30 -1.25 0.00	102.89 -1.75 0.00	117.01 -2.19 0.00	154.63 -2.39 0.00	176.04 -3.24 0.46	183.89 -3.51 2.05	146.16 -2.71 9.29	146.81 -2.57 8.01	144.65 -2.53 10.14	171.52 -2.37 4.80	173.67 -2.01 1.21	161.41 -1.71 0.52	153.79 -1.55 -4.86	156.94 -1.65 0.59	165.37 -1.42 0.00	165.29 -1.30 0.00	150.23 -1.86 0.00

BIXINCNT_115KV_LOAD 355685	93.98 -6.82 0.00	104.24 -4.86 0.00	79.87 -4.43 0.00	74.93 -4.07 0.00	63.77 -3.90 0.00	53.36 -3.86 0.00	62.35 -4.95 0.00	81.02 -6.52 0.00	97.06 -7.57 0.00	109.12 -10.08 0.00	144.20 -12.82 0.00	163.45 -15.78 0.52	170.56 -16.58 2.31	133.50 -14.21 10.45	133.60 -14.77 9.01	131.96 -13.96 11.41	159.72 -12.57 6.40	161.83 -11.94 3.12	147.13 -12.73 3.78	123.23 -13.67 13.58	143.20 -14.59 1.40	153.79 -13.00 0.00	158.59 -8.01 0.00	146.11 -5.98 0.00
BLACK RIVER___HYD 24047	103.59 2.81 0.00	111.71 2.62 0.00	86.40 2.10 0.00	81.00 2.00 0.00	69.13 1.46 0.00	58.48 1.26 0.00	68.74 1.45 0.00	89.57 2.03 0.00	107.75 3.12 0.00	122.85 3.65 0.00	161.57 4.56 0.00	184.55 4.80 0.00	194.09 4.65 0.00	161.72 3.55 0.00	159.74 2.35 0.00	161.19 3.86 0.00	184.03 5.34 0.00	183.70 6.81 0.00	169.50 5.86 0.00	153.10 2.61 0.00	159.25 0.07 0.00	168.60 1.82 0.00	170.33 3.74 0.00	154.32 2.23 0.00
BLACKRVR_115KV_TB2 79977	103.59 2.80 0.00	111.70 2.60 0.00	86.41 2.10 0.00	81.00 2.00 0.00	69.13 1.46 0.00	58.48 1.26 0.00	68.74 1.44 0.00	89.56 2.02 0.00	107.75 3.12 0.00	122.84 3.64 0.00	161.56 4.54 0.00	184.53 4.78 0.00	194.09 4.64 0.00	161.69 3.52 0.00	159.73 2.34 0.00	161.17 3.84 0.00	184.01 5.32 0.00	183.71 6.82 0.00	169.49 5.85 0.00	153.09 2.60 0.00	159.27 0.08 0.00	168.60 1.82 0.00	170.36 3.77 0.00	154.32 2.23 0.00
BLDWN_LI_69_KV_BK4 356085	106.59 5.80 0.00	114.89 5.79 0.00	88.82 4.52 0.00	83.04 4.04 0.00	71.24 3.57 0.00	60.44 3.22 0.00	71.31 4.02 0.00	92.77 5.22 0.00	109.83 5.19 0.00	124.87 5.67 0.00	166.13 9.11 0.00	189.33 9.68 0.10	199.52 10.53 0.45	164.75 8.64 2.05	164.38 8.76 1.77	163.42 8.32 2.24	186.31 8.74 1.12	195.00 9.65 -8.46	173.79 10.15 0.00	159.73 9.24 0.00	168.27 9.08 0.00	175.72 8.94 0.00	171.36 7.37 2.61	143.69 5.07 13.47
BLISS_WT_PWR 323608	49.12 -6.64 45.02	16.67 -4.73 87.70	51.23 -4.32 28.75	64.17 -3.93 10.91	38.55 -3.78 25.34	32.76 -3.77 20.68	12.32 -4.78 50.20	42.82 -6.39 38.34	51.97 -7.36 45.31	68.29 -9.87 41.04	79.25 -12.49 65.27	82.52 -15.31 81.92	111.93 -16.45 61.06	90.49 -14.23 53.45	92.58 -14.61 50.20	117.94 -13.83 25.56	133.02 -12.35 33.31	139.92 -12.41 24.56	146.67 -13.19 3.78	122.56 -14.34 13.58	142.24 -15.55 1.40	133.92 -13.72 19.14	66.96 -8.59 91.05	52.69 -6.11 93.29
BLUESTONE___WT_PWR 323821	116.29 3.36 -12.14	136.01 3.26 -23.65	93.86 1.80 -7.75	83.45 1.51 -2.94	74.52 0.01 -6.84	63.72 0.93 -5.58	82.38 1.55 -13.54	99.92 2.04 -10.34	118.20 1.34 -12.22	130.18 -0.09 -11.07	175.23 0.61 -17.60	202.80 1.49 -21.56	203.52 -0.05 -14.12	161.21 -0.77 -3.81	160.90 -0.89 -4.40	151.70 -0.91 4.72	181.04 -0.88 -3.24	183.26 -0.25 -6.62	165.92 0.32 -1.97	155.52 0.14 -4.89	159.48 -0.56 -0.85	170.26 -1.69 -5.16	189.24 -1.90 -24.55	175.21 -2.04 -25.15
BLUE_CIRC_CHEM_DRP 24182	104.21 3.43 0.00	112.84 3.74 0.00	87.22 2.91 0.00	81.77 2.77 0.00	70.08 2.41 0.00	59.30 2.08 0.00	69.71 2.41 0.00	90.51 2.96 0.00	108.11 3.48 0.00	123.12 3.92 0.00	162.23 5.21 0.00	185.64 5.88 0.00	195.64 6.20 0.00	163.26 5.09 0.00	162.15 4.76 0.00	162.00 4.67 0.00	183.51 4.82 0.00	124.30 5.26 57.84	168.63 5.00 0.00	155.31 4.82 0.00	164.35 5.16 0.00	172.13 5.35 0.00	171.54 4.95 0.00	156.90 4.81 0.00
BOC_GAS_DRP 24189	103.13 2.34 0.00	111.66 2.56 0.00	86.32 2.01 0.00	80.89 1.88 0.00	69.30 1.63 0.00	58.65 1.44 0.00	68.99 1.70 0.00	89.62 2.08 0.00	107.02 2.38 0.00	121.96 2.77 0.00	160.77 3.75 0.00	183.97 4.22 0.00	193.98 4.53 0.00	162.03 3.86 0.00	161.12 3.74 0.00	160.87 3.54 0.00	181.93 3.24 0.00	142.70 3.73 37.92	167.45 3.81 0.00	154.16 3.68 0.00	163.15 3.97 0.00	170.80 4.01 0.00	170.14 3.55 0.00	155.44 3.35 0.00
BOONVILLE_115KV_TB1 79983	103.58 2.79 0.00	111.96 2.86 0.00	86.52 2.22 0.00	81.13 2.13 0.00	69.44 1.77 0.00	58.73 1.51 0.00	69.16 1.86 0.00	90.09 2.54 0.00	108.03 3.39 0.00	123.13 3.93 0.00	162.21 5.20 0.00	185.43 5.82 0.13	194.64 5.78 0.58	160.27 4.72 2.63	159.38 4.26 2.26	159.39 4.93 2.86	182.96 5.70 1.43	182.51 6.24 0.62	169.19 5.54 0.00	154.50 4.01 0.00	162.08 2.89 0.00	170.40 3.62 0.00	170.93 4.33 0.00	155.41 3.32 0.00
BORALEX_4TH_BRANCH 23824	106.67 5.88 0.00	115.53 6.43 0.00	89.57 5.27 0.00	84.05 5.05 0.00	71.99 4.32 0.00	60.88 3.67 0.00	71.56 4.27 0.00	93.05 5.50 0.00	111.13 6.49 0.00	126.47 7.27 0.00	166.93 9.92 0.00	190.96 11.21 0.00	201.06 11.62 0.00	168.29 10.12 0.00	167.58 10.19 0.00	167.14 9.80 0.00	188.75 10.07 0.00	272.22 10.74 -84.58	173.69 10.05 0.00	159.88 9.39 0.00	169.58 10.39 0.00	177.79 11.00 0.00	176.63 10.03 0.00	161.54 9.45 0.00
BOWLINE___1 23526	103.07 2.28 0.00	111.47 2.37 0.00	86.19 1.88 0.00	80.57 1.57 0.00	69.11 1.44 0.00	58.58 1.36 0.00	69.10 1.81 0.00	89.95 2.40 0.00	107.26 2.62 0.00	122.48 3.28 0.00	161.81 4.79 0.00	184.87 5.22 0.10	194.93 5.94 0.46	161.52 5.44 2.09	161.09 5.50 1.80	160.21 5.15 2.28	182.22 4.67 1.14	190.75 5.95 -7.91	170.10 6.46 0.00	156.46 5.98 0.00	165.25 6.06 0.00	172.89 6.11 0.00	171.80 5.20 0.00	155.97 3.87 0.00
BOWLINE___2 23595	103.10 2.31 0.00	111.48 2.38 0.00	86.20 1.90 0.00	80.59 1.59 0.00	69.12 1.45 0.00	58.59 1.37 0.00	69.11 1.82 0.00	89.97 2.43 0.00	107.26 2.62 0.00	122.48 3.28 0.00	161.84 4.82 0.00	184.92 5.27 0.10	194.95 5.96 0.46	161.52 5.44 2.09	161.13 5.54 1.80	160.23 5.18 2.28	182.26 4.71 1.14	190.78 5.98 -7.91	170.14 6.50 0.00	156.47 5.99 0.00	165.27 6.08 0.00	172.92 6.14 0.00	171.81 5.22 0.00	155.97 3.87 0.00
BRADY___115KV_TB2 356060	104.55 3.76 0.00	112.87 3.77 0.00	87.21 2.91 0.00	81.77 2.77 0.00	69.88 2.21 0.00	58.83 1.61 0.00	68.97 1.68 0.00	89.72 2.18 0.00	107.56 2.92 0.00	122.87 3.67 0.00	161.84 4.83 0.00	185.45 5.70 0.00	195.50 6.05 0.00	162.70 4.53 0.00	161.55 4.16 0.00	161.73 4.40 0.00	184.33 5.64 0.00	181.04 4.15 0.00	166.63 2.99 0.00	153.01 2.52 0.00	162.03 2.84 0.00	169.61 2.82 0.00	169.52 2.93 0.00	156.25 4.15 0.00
BRANSCOMB___SOLAR 323811	107.11 6.32 0.00	115.95 6.85 0.00	89.64 5.34 0.00	84.06 5.05 0.00	72.03 4.36 0.00	60.93 3.72 0.00	71.84 4.55 0.00	93.50 5.95 0.00	111.77 7.13 0.00	127.19 7.99 0.00	167.58 10.56 0.00	191.80 12.05 0.00	202.26 12.81 0.00	168.79 10.62 0.00	168.20 10.82 0.00	168.05 10.72 0.00	190.92 12.23 0.00	268.00 12.64 -78.46	175.58 11.94 0.00	161.52 11.03 0.00	170.92 11.73 0.00	179.03 12.24 0.00	177.87 11.28 0.00	162.09 10.00 0.00
BRDGHMPT_69_KV_BK1 55812	207.80 8.91 -98.10	161.12 9.44 -42.58	164.64 7.87 -72.47	87.70 7.20 -1.50	86.01 6.34 -11.99	274.49 5.47 -211.80	121.30 6.61 -47.40	176.93 8.89 -80.49	272.05 9.59 -157.82	262.33 10.31 -132.83	280.48 13.53 -109.93	268.33 14.20 -74.38	260.40 13.53 -57.42	221.69 9.01 -54.51	175.42 7.38 -10.65	160.68 5.21 1.85	186.61 6.08 -1.84	204.00 7.34 -19.76	173.21 8.53 -1.04	260.11 8.78 -100.84	173.92 7.24 -7.49	228.01 7.00 -54.23	173.28 6.50 -0.19	126.45 3.85 29.50

BRENTWOD_69_KV_W. BRTWOOD 56703	116.28 6.29 -9.20	119.53 6.43 -3.99	96.12 5.01 -6.80	83.74 4.60 -0.14	72.78 3.98 -1.12	80.63 3.54 -19.87	76.14 4.40 -4.44	100.80 5.71 -7.54	125.06 5.64 -14.78	137.30 5.62 -12.47	178.72 8.97 -12.74	197.42 9.06 -8.60	211.33 9.88 -12.01	174.36 7.81 -8.38	167.27 7.47 -2.41	162.49 7.06 1.90	186.29 7.40 -0.20	199.49 8.36 -14.23	173.51 8.97 -0.90	167.92 8.07 -9.36	167.49 7.53 -0.77	179.45 7.63 -5.03	167.52 5.94 5.02	126.67 3.27 28.69
BRISTLHL_115KV_TB1 79998	96.57 -4.22 0.00	104.76 -4.34 0.00	80.89 -3.42 0.00	75.78 -3.22 0.00	64.88 -2.78 0.00	54.89 -2.33 0.00	64.56 -2.74 0.00	84.02 -3.52 0.00	100.47 -4.17 0.00	114.32 -4.88 0.00	150.70 -6.31 0.00	172.56 -7.40 -0.21	182.70 -7.68 -0.94	156.12 -6.30 -4.25	154.80 -6.25 -3.67	155.81 -6.16 -4.64	174.37 -6.63 -2.31	172.02 -5.87 -1.00	158.20 -5.43 0.00	145.40 -5.09 0.00	153.57 -5.61 0.00	160.83 -5.96 0.00	160.73 -5.86 0.00	146.44 -5.66 0.00
BROOKHAVEN__DRP 24191	205.92 6.87 -98.26	158.72 6.97 -42.65	162.48 5.59 -72.58	85.51 5.01 -1.50	84.13 4.45 -12.01	273.31 3.96 -212.13	119.58 4.81 -47.47	174.41 6.25 -80.61	268.93 6.22 -158.07	258.63 6.39 -133.04	276.23 9.07 -110.14	262.97 8.69 -74.53	256.23 9.15 -57.64	219.40 6.54 -54.69	174.39 6.28 -10.72	160.87 5.38 1.84	186.07 5.52 -1.86	203.15 6.39 -19.87	172.28 7.59 -1.06	259.20 7.71 -101.00	173.26 6.56 -7.51	228.20 7.10 -54.31	172.81 6.02 -0.20	125.89 3.32 29.52
BROOKLYN_NAVY_YARD 23515	104.28 3.49 0.00	112.64 3.54 0.00	87.23 2.92 0.00	81.60 2.59 0.00	70.01 2.33 0.00	59.39 2.17 0.00	70.08 2.78 0.00	91.18 3.64 0.00	108.60 3.96 0.00	124.03 4.83 0.00	164.07 7.06 0.00	187.55 7.91 0.10	197.80 8.80 0.45	164.00 7.89 2.05	163.57 7.95 1.77	162.72 7.63 2.24	184.76 7.18 1.12	194.03 8.68 -8.46	172.70 9.06 0.00	158.91 8.42 0.00	167.68 8.49 0.00	175.35 8.56 0.00	174.03 7.44 0.00	158.03 5.94 0.00
BROOKLYN__ARMY_DRP 323595	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
BROOME_2_LFGE 323671	116.19 -1.65 -17.06	140.96 -1.37 -33.23	94.08 -1.12 -10.89	81.98 -1.16 -4.14	76.15 -1.12 -9.60	64.11 -0.94 -7.84	85.23 -1.09 -19.02	100.81 -1.26 -14.52	120.07 -1.74 -17.17	132.55 -2.20 -15.55	179.32 -2.43 -24.74	206.83 -3.31 -30.38	206.15 -3.51 -20.21	162.43 -2.74 -7.00	162.41 -2.58 -7.61	149.93 -2.53 4.87	181.62 -2.39 -5.31	181.78 -2.04 -6.92	161.40 -1.72 0.52	153.80 -1.54 -4.86	156.95 -1.65 0.59	172.62 -1.43 -7.26	199.75 -1.37 -34.53	185.60 -1.88 -35.38
BROOME__LFGE 323600	116.19 -1.65 -17.06	140.96 -1.37 -33.23	94.08 -1.12 -10.89	81.98 -1.16 -4.14	76.15 -1.12 -9.60	64.11 -0.94 -7.84	85.23 -1.09 -19.02	100.81 -1.26 -14.52	120.07 -1.74 -17.17	132.55 -2.20 -15.55	179.32 -2.43 -24.74	206.83 -3.31 -30.38	206.15 -3.51 -20.21	162.43 -2.74 -7.00	162.41 -2.58 -7.61	149.93 -2.53 4.87	181.62 -2.39 -5.31	181.78 -2.04 -6.92	161.40 -1.72 0.52	153.80 -1.54 -4.86	156.95 -1.65 0.59	172.62 -1.43 -7.26	199.75 -1.37 -34.53	185.60 -1.88 -35.38
BROWNFLS_115KV_TB 3_5 80003	103.30 2.51 0.00	111.60 2.50 0.00	86.26 1.95 0.00	80.87 1.87 0.00	68.96 1.29 0.00	58.04 0.82 0.00	68.10 0.81 0.00	88.62 1.07 0.00	106.40 1.77 0.00	121.57 2.38 0.00	160.37 3.35 0.00	183.69 3.94 0.00	193.28 3.84 0.00	160.86 2.69 0.00	159.23 1.84 0.00	159.69 2.36 0.00	180.91 2.22 0.00	178.60 1.71 0.00	164.60 0.96 0.00	149.99 -0.50 0.00	157.32 -1.87 0.00	165.69 -1.10 0.00	167.45 0.86 0.00	153.44 1.35 0.00
BROWNSV1_27_KV_LOAD 356125	105.29 4.50 0.00	113.76 4.67 0.00	88.01 3.70 0.00	82.33 3.33 0.00	70.63 2.96 0.00	59.91 2.70 0.00	70.68 3.38 0.00	91.98 4.44 0.00	109.66 5.02 0.00	125.29 6.09 0.00	165.92 8.91 0.00	189.69 10.04 0.10	200.10 11.11 0.45	165.89 9.77 2.05	165.50 9.88 1.77	164.62 9.53 2.24	187.01 9.44 1.12	196.20 10.85 -8.46	174.71 11.07 0.00	160.76 10.27 0.00	169.58 10.40 0.00	177.44 10.65 0.00	176.23 9.63 0.00	159.83 7.74 0.00
BURROWS__LYONSDAL 23803	103.56 2.77 0.00	111.87 2.77 0.00	86.46 2.15 0.00	81.10 2.10 0.00	69.36 1.69 0.00	58.65 1.43 0.00	69.04 1.74 0.00	89.93 2.39 0.00	107.87 3.24 0.00	123.01 3.81 0.00	162.03 5.01 0.00	185.25 5.62 0.12	194.40 5.48 0.53	160.13 4.35 2.39	158.92 3.59 2.06	159.25 4.52 2.61	182.61 5.22 1.30	182.08 5.75 0.56	168.74 5.09 0.00	153.72 3.24 0.00	160.82 1.63 0.00	169.35 2.57 0.00	170.33 3.73 0.00	154.76 2.67 0.00
CAITHNESS_CC_1 323624	205.62 6.47 -98.36	158.31 6.52 -42.69	162.22 5.26 -72.66	85.18 4.67 -1.51	83.87 4.17 -12.02	273.30 3.73 -212.36	119.36 4.54 -47.52	174.18 5.94 -80.70	268.65 5.79 -158.23	258.24 5.87 -133.18	275.76 8.44 -110.30	262.57 8.19 -74.64	255.87 8.61 -57.81	219.31 6.31 -54.83	174.18 6.01 -10.78	160.71 5.22 1.84	185.86 5.29 -1.88	202.89 6.05 -19.96	171.94 7.23 -1.07	258.86 7.26 -101.11	172.99 6.29 -7.52	227.92 6.76 -54.37	172.43 5.63 -0.20	125.36 2.81 29.54
CALPINE BETH_PAGE_GT4 24209	106.03 5.24 0.00	114.33 5.23 0.00	88.43 4.12 0.00	82.65 3.66 0.00	70.94 3.27 0.00	60.17 2.95 0.00	71.01 3.71 0.00	92.44 4.89 0.00	109.46 4.83 0.00	124.33 5.14 0.00	165.14 8.12 0.00	187.96 8.32 0.10	197.97 8.98 0.45	162.88 6.77 2.05	162.48 6.86 1.77	161.47 6.37 2.24	183.96 6.39 1.12	192.78 7.43 -8.46	171.66 8.02 0.00	157.66 7.17 0.00	166.12 6.93 0.00	173.63 6.85 0.00	167.85 5.39 4.13	134.32 3.33 21.10
CALPINE_BETH_PAGE_GT_4 323586	106.03 5.24 0.00	114.32 5.21 0.00	88.44 4.13 0.00	82.65 3.65 0.00	70.90 3.23 0.00	60.16 2.94 0.00	70.98 3.69 0.00	92.40 4.85 0.00	109.44 4.80 0.00	124.32 5.12 0.00	165.05 8.04 0.00	187.91 8.26 0.10	197.97 8.98 0.45	162.84 6.72 2.05	162.39 6.77 1.77	161.37 6.28 2.24	183.87 6.30 1.12	192.81 7.46 -8.46	171.66 8.02 0.00	157.64 7.15 0.00	166.12 6.93 0.00	173.58 6.80 0.00	167.91 5.45 4.13	134.18 3.18 21.10
CALPINE_BP_GT1 23823	106.03 5.24 0.00	114.32 5.21 0.00	88.44 4.13 0.00	82.65 3.65 0.00	70.90 3.23 0.00	60.16 2.94 0.00	70.98 3.69 0.00	92.40 4.85 0.00	109.44 4.80 0.00	124.32 5.12 0.00	165.05 8.04 0.00	187.91 8.26 0.10	197.97 8.98 0.45	162.84 6.72 2.05	162.39 6.77 1.77	161.37 6.28 2.24	183.87 6.30 1.12	192.81 7.46 -8.46	171.66 8.02 0.00	157.64 7.15 0.00	166.12 6.93 0.00	173.58 6.80 0.00	167.91 5.45 4.13	134.18 3.18 21.10
CALSPAN__DRP 24200	91.35 -9.43 0.00	101.52 -7.58 0.00	77.76 -6.55 0.00	72.84 -6.16 0.00	62.21 -5.46 0.00	51.95 -5.26 0.00	60.54 -6.76 0.00	78.65 -8.90 0.00	94.05 -10.58 0.00	105.84 -13.36 0.00	139.66 -17.35 0.00	158.79 -20.43 0.52	166.21 -20.92 2.33	129.92 -17.71 10.54	130.24 -18.06 9.09	128.45 -17.37 11.51	154.90 -16.85 6.93	159.12 -14.72 3.05	143.97 -15.28 4.39	113.77 -13.91 22.81	142.81 -15.17 1.21	152.24 -14.54 0.00	156.35 -10.25 0.00	143.42 -8.67 0.00

CALVERTON___SOLAR 323806	206.32 7.25 -98.28	159.12 7.36 -42.66	162.85 5.95 -72.60	85.83 5.33 -1.50	84.40 4.72 -12.01	273.59 4.19 -212.18	119.82 5.05 -47.48	174.79 6.61 -80.63	269.40 6.66 -158.10	259.21 6.94 -133.06	276.81 9.65 -110.15	263.54 9.26 -74.53	256.71 9.67 -57.60	219.62 6.79 -54.66	174.49 6.40 -10.70	160.82 5.34 1.85	186.15 5.60 -1.86	203.49 6.77 -19.83	172.60 7.91 -1.05	259.57 8.06 -101.02	173.51 6.82 -7.51	228.47 7.36 -54.32	173.28 6.48 -0.20	126.09 3.51 29.51
CANDIGU_WT_PWR 323617	102.61 -7.14 -8.96	120.37 -6.19 -17.46	84.88 -5.15 -5.73	76.32 -4.86 -2.18	68.24 -4.48 -5.05	57.32 -4.02 -4.12	72.20 -5.09 -10.00	88.32 -6.86 -7.64	105.23 -8.43 -9.02	118.18 -9.19 -8.17	159.29 -10.73 -13.00	182.38 -13.08 -15.71	184.85 -14.07 -9.47	144.90 -11.74 1.53	145.34 -11.55 0.50	138.16 -11.09 8.08	159.13 -12.58 6.98	164.10 -14.30 -1.51	130.31 -15.68 17.65	3.05 -14.67 132.77	143.38 -13.34 2.46	160.24 -10.36 -3.81	176.32 -8.40 -18.13	161.72 -8.95 -18.58
CARR STREET_E_SYR 24060	97.41 -3.38 0.00	105.76 -3.34 0.00	81.67 -2.64 0.00	76.51 -2.49 0.00	65.49 -2.18 0.00	55.40 -1.82 0.00	65.19 -2.11 0.00	84.85 -2.70 0.00	101.39 -3.24 0.00	115.32 -3.88 0.00	152.04 -4.98 0.00	173.26 -5.93 0.57	180.79 -6.15 2.51	141.81 -5.00 11.36	142.74 -4.85 9.79	140.22 -4.71 12.40	167.57 -4.94 6.18	169.95 -4.27 2.67	159.65 -3.99 0.00	146.76 -3.73 0.00	155.06 -4.13 0.00	162.44 -4.34 0.00	162.32 -4.27 0.00	147.86 -4.23 0.00
CARTHAGE___PAPER 23857	104.41 3.62 0.00	112.60 3.50 0.00	87.09 2.78 0.00	81.65 2.65 0.00	69.66 1.99 0.00	58.86 1.65 0.00	69.22 1.93 0.00	90.16 2.61 0.00	108.42 3.78 0.00	123.76 4.55 0.00	162.86 5.84 0.00	186.18 6.43 0.00	195.67 6.23 0.00	162.97 4.80 0.00	161.01 3.63 0.00	162.33 5.00 0.00	184.84 6.16 0.00	183.95 7.06 0.00	169.73 6.09 0.00	153.61 3.12 0.00	159.96 0.77 0.00	169.14 2.36 0.00	171.01 4.42 0.00	155.25 3.16 0.00
CASSADAGA_WT_PWR 323784	48.20 -8.63 43.97	16.81 -6.63 85.66	50.73 -5.49 28.08	62.40 -5.94 10.65	37.59 -5.33 24.75	32.01 -5.01 20.20	12.41 -5.85 49.03	42.82 -7.28 37.44	51.60 -8.78 44.26	68.44 -10.68 40.08	79.42 -13.84 63.75	82.16 -17.56 80.03	110.26 -19.48 59.69	91.18 -14.54 52.45	91.77 -16.37 49.24	118.29 -13.80 25.24	133.56 -12.37 32.76	138.72 -14.10 24.06	144.04 -15.68 3.92	121.26 -14.27 14.95	143.35 -14.44 1.40	135.45 -12.64 18.70	69.44 -8.23 88.92	53.24 -7.73 91.12
CE_DUNWOOD___DRP 24194	104.24 3.45 0.00	112.71 3.61 0.00	87.16 2.86 0.00	81.54 2.54 0.00	69.94 2.27 0.00	59.29 2.08 0.00	69.93 2.64 0.00	90.99 3.45 0.00	108.46 3.82 0.00	123.79 4.59 0.00	163.72 6.71 0.00	187.04 7.39 0.10	197.23 8.23 0.45	163.45 7.34 2.06	163.02 7.41 1.77	162.20 7.11 2.24	184.46 6.89 1.12	193.37 8.05 -8.43	172.12 8.48 0.00	158.35 7.86 0.00	167.18 8.00 0.00	174.88 8.10 0.00	173.66 7.06 0.00	157.62 5.53 0.00
CE_MILLWOOD___DRP 24193	103.97 3.18 0.00	112.41 3.31 0.00	86.93 2.63 0.00	81.31 2.31 0.00	69.74 2.07 0.00	59.12 1.91 0.00	69.73 2.44 0.00	90.75 3.20 0.00	108.19 3.56 0.00	123.46 4.26 0.00	163.24 6.22 0.00	186.50 6.85 0.10	196.64 7.65 0.45	162.94 6.83 2.06	162.54 6.93 1.78	161.71 6.62 2.25	183.91 6.34 1.12	192.79 7.51 -8.39	171.61 7.97 0.00	157.87 7.39 0.00	166.68 7.49 0.00	174.38 7.60 0.00	173.20 6.60 0.00	157.26 5.17 0.00
CE_NYC2_DRP 24202	104.23 3.44 0.00	112.55 3.45 0.00	87.18 2.88 0.00	81.61 2.61 0.00	70.02 2.34 0.00	59.41 2.19 0.00	70.09 2.80 0.00	91.13 3.58 0.00	108.60 3.96 0.00	124.03 4.83 0.00	164.47 7.45 0.00	187.69 8.04 0.10	197.95 8.96 0.45	164.24 8.12 2.05	163.78 8.16 1.77	162.88 7.79 2.24	185.03 7.46 1.12	194.17 8.82 -8.46	172.99 9.35 0.00	158.97 8.49 0.00	167.76 8.57 0.00	175.38 8.60 0.00	174.14 7.55 0.00	157.92 5.83 0.00
CE_NYC_DRP 24195	104.39 3.60 0.00	112.82 3.72 0.00	87.31 3.00 0.00	81.69 2.69 0.00	70.09 2.42 0.00	59.46 2.25 0.00	70.12 2.82 0.00	91.26 3.71 0.00	108.73 4.09 0.00	124.17 4.97 0.00	164.42 7.40 0.00	187.90 8.25 0.10	198.16 9.16 0.45	164.28 8.17 2.05	163.89 8.27 1.77	162.98 7.89 2.24	185.13 7.56 1.12	194.22 8.87 -8.46	172.91 9.27 0.00	159.08 8.59 0.00	167.83 8.64 0.00	175.59 8.80 0.00	174.38 7.78 0.00	158.21 6.11 0.00
CHAFFEE___LFGE 323603	51.45 -8.60 40.74	22.97 -6.77 79.36	52.30 -5.98 26.02	63.53 -5.60 9.87	39.76 -4.98 22.93	33.67 -4.83 18.72	15.72 -6.16 45.43	44.76 -8.10 34.69	54.11 -9.53 41.00	69.92 -12.14 37.14	82.41 -15.54 59.07	87.39 -18.18 74.18	115.39 -18.58 55.48	92.91 -15.86 49.40	94.83 -16.24 46.32	117.64 -15.42 24.26	133.10 -14.58 31.01	141.61 -12.79 22.49	146.27 -13.29 4.09	120.50 -11.84 18.15	144.58 -13.30 1.31	136.85 -12.61 17.32	75.52 -8.69 82.39	60.48 -7.19 84.42
CHATEAUG_35_KV_LOAD 355732	102.57 1.79 0.00	110.09 0.99 0.00	85.16 0.85 0.00	80.09 1.09 0.00	68.68 1.01 0.00	57.88 0.66 0.00	68.02 0.72 0.00	88.39 0.85 0.00	105.78 1.15 0.00	121.11 1.91 0.00	160.39 3.37 0.00	183.89 4.14 0.00	193.61 4.16 0.00	160.57 2.41 0.00	159.51 2.13 0.00	159.42 2.09 0.00	181.04 2.35 0.00	176.15 -0.74 0.00	161.22 -2.42 0.00	148.80 -1.69 0.00	158.37 -0.82 0.00	166.62 -0.17 0.00	167.53 0.94 0.00	153.79 1.70 0.00
CHATEAUG_WT_PWR 323614	102.12 1.33 0.00	109.57 0.47 0.00	84.77 0.47 0.00	79.77 0.76 0.00	68.39 0.72 0.00	57.60 0.38 0.00	67.72 0.42 0.00	87.96 0.42 0.00	105.25 0.62 0.00	120.37 1.17 0.00	159.50 2.48 0.00	182.88 3.13 0.00	192.60 3.15 0.00	159.83 1.67 0.00	158.86 1.47 0.00	158.60 1.27 0.00	179.94 1.25 0.00	175.16 -1.72 0.00	160.47 -3.17 0.00	148.08 -2.41 0.00	157.56 -1.63 0.00	165.93 -0.86 0.00	166.79 0.19 0.00	153.16 1.07 0.00
CHAT_HIGH_FALL_HYD 323578	102.57 1.79 0.00	110.09 0.99 0.00	85.16 0.85 0.00	80.09 1.09 0.00	68.68 1.01 0.00	57.88 0.66 0.00	68.02 0.72 0.00	88.39 0.85 0.00	105.78 1.15 0.00	121.11 1.91 0.00	160.39 3.37 0.00	183.89 4.14 0.00	193.61 4.16 0.00	160.57 2.41 0.00	159.51 2.13 0.00	159.42 2.09 0.00	181.04 2.35 0.00	176.15 -0.74 0.00	161.22 -2.42 0.00	148.80 -1.69 0.00	158.37 -0.82 0.00	166.62 -0.17 0.00	167.53 0.94 0.00	153.79 1.70 0.00
CHAUTAUQUA___LFGE 323629	49.43 -8.84 42.52	19.25 -7.02 82.83	51.37 -5.78 27.16	62.64 -6.06 10.31	38.30 -5.43 23.94	32.70 -4.98 19.54	13.80 -6.08 47.42	43.62 -7.71 36.21	52.31 -9.53 42.80	68.80 -11.64 38.76	80.71 -14.65 61.65	84.22 -18.12 77.41	112.09 -19.55 57.81	91.74 -15.33 51.09	93.05 -16.39 47.94	117.78 -14.74 24.81	132.83 -13.74 32.12	139.06 -14.49 23.34	144.29 -15.15 4.19	117.90 -13.62 18.97	143.62 -14.24 1.32	135.89 -12.81 18.08	71.50 -9.10 85.99	55.30 -8.67 88.12
CHERRYST_13_KV_LD 356241	104.65 3.86 0.00	113.13 4.03 0.00	87.54 3.23 0.00	81.89 2.89 0.00	70.28 2.61 0.00	59.62 2.41 0.00	70.31 3.01 0.00	91.50 3.95 0.00	109.01 4.38 0.00	124.53 5.33 0.00	164.87 7.86 0.00	188.43 8.79 0.10	198.85 9.86 0.45	164.78 8.67 2.05	164.37 8.75 1.77	163.45 8.36 2.24	185.70 8.13 1.12	194.79 9.45 -8.46	173.41 9.77 0.00	159.56 9.07 0.00	168.31 9.12 0.00	176.10 9.31 0.00	174.88 8.28 0.00	158.66 6.57 0.00

CHESTROR_138KV_BK263 355645	103.33 2.54 0.00	111.76 2.66 0.00	86.40 2.09 0.00	80.80 1.80 0.00	69.29 1.61 0.00	58.69 1.48 0.00	69.24 1.95 0.00	90.13 2.59 0.00	107.54 2.91 0.00	122.70 3.50 0.00	162.01 4.99 0.00	185.12 5.47 0.11	195.05 6.07 0.47	161.53 5.51 2.14	161.20 5.66 1.85	160.38 5.38 2.34	182.67 5.14 1.17	190.19 6.20 -7.10	170.25 6.61 0.00	156.60 6.11 0.00	165.41 6.22 0.00	173.08 6.30 0.00	172.00 5.40 0.00	156.25 4.15 0.00
CH_MIDHUDSON___DRP 24192	104.63 3.84 0.00	113.14 4.04 0.00	87.47 3.17 0.00	81.83 2.83 0.00	70.17 2.51 0.00	59.48 2.27 0.00	70.17 2.87 0.00	91.32 3.78 0.00	108.96 4.32 0.00	124.29 5.09 0.00	164.17 7.15 0.00	187.53 7.88 0.10	197.89 8.90 0.45	163.95 7.81 2.03	163.57 7.93 1.75	162.89 7.78 2.22	185.45 7.87 1.11	192.90 8.86 -7.15	172.83 9.19 0.00	159.02 8.53 0.00	167.84 8.66 0.00	175.60 8.82 0.00	174.38 7.79 0.00	158.40 6.31 0.00
CH_MISC_IPPS 23765	105.02 4.23 0.00	113.57 4.47 0.00	87.79 3.48 0.00	82.11 3.12 0.00	70.42 2.75 0.00	59.70 2.49 0.00	70.44 3.15 0.00	91.71 4.16 0.00	109.46 4.83 0.00	124.88 5.69 0.00	164.92 7.91 0.00	188.39 8.74 0.10	198.70 9.71 0.45	164.62 8.51 2.06	164.25 8.63 1.77	163.55 8.46 2.24	186.35 8.78 1.12	193.58 9.88 -6.80	173.74 10.10 0.00	159.89 9.40 0.00	168.79 9.60 0.00	176.52 9.74 0.00	175.33 8.74 0.00	159.16 7.07 0.00
CH_RES_BVR_FALLS 23983	100.79 0.00 0.00	109.06 -0.04 0.00	84.27 -0.03 0.00	79.00 0.00 0.00	67.67 0.00 0.00	57.21 0.00 0.00	67.23 -0.06 0.00	87.46 -0.09 0.00	104.56 -0.08 0.00	119.20 0.00 0.00	157.02 0.00 0.00	179.75 0.00 0.00	189.44 0.00 0.00	158.06 -0.10 0.00	157.23 -0.16 0.00	157.21 -0.12 0.00	178.60 -0.09 0.00	176.57 -0.32 0.00	163.20 -0.44 0.00	150.13 -0.36 0.00	158.87 -0.32 0.00	166.45 -0.33 0.00	166.37 -0.22 0.00	151.95 -0.14 0.00
CH_RES_NIAGARA 23895	88.16 -12.63 0.00	98.17 -10.93 0.00	75.19 -9.11 0.00	70.60 -8.40 0.00	60.27 -7.40 0.00	50.25 -6.97 0.00	58.40 -8.90 0.00	75.75 -11.80 0.00	90.46 -14.17 0.00	101.29 -17.91 0.00	133.12 -23.90 0.00	151.48 -27.74 0.53	158.53 -28.57 2.35	123.43 -24.08 10.65	123.87 -24.33 9.18	121.89 -23.82 11.63	147.89 -24.03 6.76	152.38 -21.53 2.98	138.50 -21.55 3.59	113.19 -18.80 18.50	136.70 -21.49 1.00	145.57 -21.21 0.00	150.41 -16.18 0.00	138.43 -13.66 0.00
CH_RES_SYRACUSE 23985	98.21 -2.57 0.00	106.61 -2.49 0.00	82.32 -1.98 0.00	77.18 -1.82 0.00	66.08 -1.59 0.00	55.88 -1.34 0.00	65.79 -1.51 0.00	85.66 -1.89 0.00	102.35 -2.29 0.00	116.38 -2.82 0.00	153.40 -3.62 0.00	175.01 -4.44 0.29	183.66 -4.49 1.30	148.75 -3.54 5.88	148.84 -3.48 5.07	147.57 -3.35 6.42	172.20 -3.29 3.20	172.99 -2.68 1.21	161.85 -2.40 -0.60	148.21 -2.28 0.00	156.85 -2.68 -0.35	164.02 -2.77 0.00	163.81 -2.78 0.00	149.20 -2.89 0.00
CLINTON_WT_PWR 323605	102.12 1.33 0.00	109.57 0.47 0.00	84.77 0.47 0.00	79.77 0.76 0.00	68.39 0.72 0.00	57.60 0.38 0.00	67.72 0.42 0.00	87.96 0.42 0.00	105.25 0.62 0.00	120.37 1.17 0.00	159.50 2.48 0.00	182.88 3.13 0.00	192.60 3.15 0.00	159.83 1.67 0.00	158.86 1.47 0.00	158.60 1.27 0.00	179.94 1.25 0.00	175.16 -1.72 0.00	160.47 -3.17 0.00	148.08 -2.41 0.00	157.56 -1.63 0.00	165.93 -0.86 0.00	166.79 0.19 0.00	153.16 1.07 0.00
CLINTON___LFGE 323618	103.17 2.39 0.00	110.36 1.25 0.00	85.36 1.06 0.00	80.44 1.44 0.00	68.99 1.32 0.00	57.95 0.74 0.00	68.23 0.93 0.00	88.58 1.03 0.00	105.94 1.30 0.00	121.29 2.09 0.00	161.92 4.90 0.00	185.68 5.93 0.00	195.55 6.11 0.00	161.89 3.72 0.00	160.81 3.43 0.00	160.91 3.58 0.00	182.65 3.96 0.00	177.59 0.70 0.00	162.54 -1.10 0.00	150.22 -0.26 0.00	160.41 1.22 0.00	169.22 2.43 0.00	170.39 3.79 0.00	156.53 4.43 0.00
COBBLENY_34_KV_TB1 80064	92.11 -8.67 0.00	102.31 -6.79 0.00	78.34 -5.96 0.00	73.37 -5.63 0.00	62.65 -5.02 0.00	52.37 -4.85 0.00	61.05 -6.25 0.00	79.38 -8.16 0.00	95.00 -9.63 0.00	106.92 -12.28 0.00	141.21 -15.81 0.00	160.55 -18.68 0.52	168.20 -18.93 2.32	131.64 -16.03 10.50	131.76 -16.58 9.05	130.14 -15.73 11.46	157.09 -14.93 6.66	161.04 -12.76 3.09	146.27 -13.29 4.09	120.25 -12.09 18.15	144.60 -13.28 1.31	154.13 -12.66 0.00	158.03 -8.57 0.00	144.79 -7.30 0.00
COFFEEN___115KV_TB3 355620	103.72 2.93 0.00	111.86 2.76 0.00	86.51 2.21 0.00	81.10 2.10 0.00	69.24 1.56 0.00	58.57 1.35 0.00	68.88 1.58 0.00	89.74 2.19 0.00	107.98 3.35 0.00	123.07 3.87 0.00	161.89 4.87 0.00	184.88 5.13 0.00	194.42 4.98 0.00	162.06 3.90 0.00	160.13 2.75 0.00	161.57 4.24 0.00	184.67 5.98 0.00	184.41 7.51 0.00	170.15 6.51 0.00	153.79 3.30 0.00	160.10 0.92 0.00	169.38 2.59 0.00	170.95 4.35 0.00	154.82 2.73 0.00
COLDSPRG_115KV_BK1 355956	94.09 -6.70 0.00	104.24 -4.86 0.00	80.11 -4.19 0.00	74.68 -4.32 0.00	63.57 -4.10 0.00	53.26 -3.96 0.00	62.53 -4.77 0.00	81.61 -5.94 0.00	97.50 -7.14 0.00	110.15 -9.05 0.00	145.64 -11.38 0.00	165.07 -14.16 0.52	172.37 -14.78 2.30	136.13 -11.62 10.42	135.64 -12.77 8.99	134.78 -11.18 11.37	163.00 -9.57 6.12	163.92 -9.80 3.17	149.32 -10.82 3.49	131.96 -9.91 8.61	147.50 -10.16 1.52	158.11 -8.68 0.00	161.54 -5.05 0.00	147.24 -4.86 0.00
COLONIE_LFGE___ 323577	105.27 4.48 0.00	113.99 4.89 0.00	88.14 3.84 0.00	82.64 3.64 0.00	70.81 3.14 0.00	59.89 2.68 0.00	70.52 3.22 0.00	91.65 4.11 0.00	109.53 4.89 0.00	124.77 5.57 0.00	164.41 7.39 0.00	188.07 8.32 0.00	198.35 8.91 0.00	165.75 7.58 0.00	164.98 7.59 0.00	164.75 7.42 0.00	186.48 7.79 0.00	280.07 8.50 -94.68	171.66 8.02 0.00	158.01 7.52 0.00	167.29 8.10 0.00	175.18 8.39 0.00	174.21 7.62 0.00	159.09 7.00 0.00
COOPERNY_115KV_TB1 80082	102.43 1.65 0.00	110.86 1.76 0.00	85.67 1.37 0.00	80.17 1.17 0.00	68.71 1.04 0.00	58.19 0.97 0.00	68.59 1.29 0.00	89.30 1.75 0.00	106.56 1.92 0.00	121.50 2.30 0.00	160.32 3.31 0.00	183.13 3.50 0.12	192.82 3.89 0.52	159.37 3.56 2.36	159.11 3.75 2.03	158.34 3.58 2.57	180.75 3.34 1.28	182.51 4.10 -1.53	168.10 4.46 0.00	154.68 4.19 0.00	163.44 4.26 0.00	171.11 4.32 0.00	170.28 3.69 0.00	154.84 2.75 0.00
COPENHAGEN_WT_PWR 323753	102.95 2.16 0.00	110.98 1.88 0.00	85.84 1.54 0.00	80.52 1.52 0.00	68.71 1.04 0.00	58.13 0.92 0.00	68.34 1.04 0.00	88.99 1.44 0.00	107.02 2.39 0.00	122.01 2.81 0.00	160.41 3.39 0.00	183.28 3.53 0.00	192.73 3.28 0.00	160.40 2.23 0.00	158.32 0.94 0.00	159.97 2.64 0.00	182.44 3.75 0.00	182.15 5.25 0.00	168.02 4.38 0.00	151.26 0.77 0.00	156.96 -2.23 0.00	166.78 -0.01 0.00	168.65 2.06 0.00	152.72 0.63 0.00
CORNELL_____ 23752	100.38 -0.41 0.00	109.05 -0.04 0.00	84.14 -0.16 0.00	78.85 -0.15 0.00	67.43 -0.24 0.00	57.12 -0.10 0.00	67.26 -0.04 0.00	87.65 0.11 0.00	104.64 0.01 0.00	118.94 -0.25 0.00	157.03 0.01 0.00	178.91 -0.35 0.49	186.79 -0.49 2.16	148.04 -0.33 9.80	148.82 -0.12 8.45	147.01 0.37 10.69	175.29 1.30 4.70	180.88 1.91 -2.08	179.37 1.90 -13.83	164.10 1.59 -12.02	167.96 1.48 -7.30	168.22 1.44 0.00	167.94 1.35 0.00	152.66 0.57 0.00

CORONA__69_KV_TB1 355595	106.24 5.45 0.00	114.60 5.50 0.00	88.61 4.31 0.00	82.86 3.86 0.00	71.10 3.42 0.00	60.28 3.06 0.00	71.12 3.82 0.00	92.52 4.98 0.00	109.65 5.01 0.00	124.74 5.54 0.00	165.82 8.80 0.00	189.03 9.38 0.10	199.23 10.23 0.45	164.67 8.56 2.05	164.26 8.65 1.77	163.38 8.29 2.24	186.16 8.59 1.12	194.87 9.52 -8.46	173.61 9.97 0.00	159.83 9.34 0.00	168.41 9.23 0.00	176.01 9.22 0.00	174.45 7.86 0.00	157.10 5.54 0.53
CORTLAND__115KV_TB3 80093	99.92 -0.87 0.00	108.43 -0.67 0.00	83.74 -0.56 0.00	78.43 -0.57 0.00	67.13 -0.54 0.00	56.81 -0.40 0.00	66.88 -0.41 0.00	87.16 -0.39 0.00	104.07 -0.57 0.00	118.37 -0.83 0.00	156.20 -0.82 0.00	178.03 -1.22 0.50	185.96 -1.27 2.21	147.25 -0.92 10.00	148.06 -0.71 8.62	145.96 -0.45 10.91	173.51 0.05 5.22	175.95 0.49 1.43	167.86 0.48 -3.74	154.92 0.32 -4.11	161.26 0.15 -1.92	166.98 0.20 0.00	166.69 0.10 0.00	151.58 -0.51 0.00
COXSACKIE__GT 23611	108.95 8.16 0.00	117.90 8.80 0.00	91.04 6.73 0.00	85.36 6.35 0.00	73.18 5.51 0.00	62.00 4.78 0.00	73.02 5.72 0.00	95.17 7.62 0.00	114.14 9.50 0.00	130.22 11.01 0.00	171.62 14.60 0.00	196.24 16.57 0.09	206.04 16.97 0.38	170.10 13.66 1.73	168.76 12.86 1.49	168.69 13.25 1.89	193.84 16.10 0.94	131.64 17.24 62.49	179.38 15.74 0.00	164.74 14.25 0.00	174.19 15.00 0.00	181.95 15.17 0.00	180.91 14.32 0.00	165.30 13.21 0.00
CPV_VALLEY__CC1 323721	102.56 1.77 0.00	110.94 1.84 0.00	85.76 1.46 0.00	80.22 1.22 0.00	68.78 1.11 0.00	58.28 1.06 0.00	68.72 1.42 0.00	89.45 1.90 0.00	106.71 2.07 0.00	121.70 2.50 0.00	160.61 3.59 0.00	183.47 3.84 0.11	193.32 4.37 0.49	160.02 4.07 2.22	159.68 4.21 1.91	158.82 3.91 2.42	181.00 3.52 1.21	187.70 4.52 -6.29	168.65 5.01 0.00	155.11 4.62 0.00	163.89 4.71 0.00	171.51 4.72 0.00	170.54 3.95 0.00	154.94 2.84 0.00
CPV_VALLEY__CC2 323722	102.56 1.77 0.00	110.94 1.84 0.00	85.76 1.46 0.00	80.22 1.22 0.00	68.78 1.11 0.00	58.28 1.06 0.00	68.72 1.42 0.00	89.45 1.90 0.00	106.71 2.07 0.00	121.70 2.50 0.00	160.61 3.59 0.00	183.47 3.84 0.11	193.32 4.37 0.49	160.02 4.07 2.22	159.68 4.21 1.91	158.82 3.91 2.42	181.00 3.52 1.21	187.70 4.52 -6.29	168.65 5.01 0.00	155.11 4.62 0.00	163.89 4.71 0.00	171.51 4.72 0.00	170.54 3.95 0.00	154.94 2.84 0.00
CRESCENT__HYD 24018	105.27 4.48 0.00	113.99 4.89 0.00	88.14 3.84 0.00	82.64 3.64 0.00	70.81 3.14 0.00	59.89 2.68 0.00	70.52 3.22 0.00	91.65 4.11 0.00	109.53 4.89 0.00	124.77 5.57 0.00	164.41 7.39 0.00	188.07 8.32 0.00	198.35 8.91 0.00	165.75 7.58 0.00	164.98 7.59 0.00	164.75 7.42 0.00	186.48 7.79 0.00	280.07 8.50 -94.68	171.66 8.02 0.00	158.01 7.52 0.00	167.29 8.10 0.00	175.18 8.39 0.00	174.21 7.62 0.00	159.09 7.00 0.00
CRICKET__VALLEY_CC1 323756	103.78 2.99 0.00	112.17 3.07 0.00	86.75 2.45 0.00	81.21 2.21 0.00	69.62 1.95 0.00	58.98 1.77 0.00	69.59 2.29 0.00	90.48 2.93 0.00	107.90 3.26 0.00	123.02 3.82 0.00	162.28 5.26 0.00	185.26 5.61 0.10	196.04 7.03 0.44	162.50 6.31 1.98	162.08 6.40 1.71	161.37 6.19 2.16	183.54 5.93 1.08	197.48 6.84 -13.75	171.20 7.55 0.00	157.40 6.91 0.00	166.13 6.95 0.00	173.82 7.04 0.00	172.65 6.05 0.00	156.95 4.86 0.00
CRICKET__VALLEY_CC2 323757	103.78 2.99 0.00	112.17 3.07 0.00	86.75 2.45 0.00	81.21 2.21 0.00	69.62 1.95 0.00	58.98 1.77 0.00	69.59 2.29 0.00	90.48 2.93 0.00	107.90 3.26 0.00	123.02 3.82 0.00	162.28 5.26 0.00	185.26 5.61 0.10	196.04 7.03 0.44	162.50 6.31 1.98	162.08 6.40 1.71	161.37 6.19 2.16	183.54 5.93 1.08	197.48 6.84 -13.75	171.20 7.55 0.00	157.40 6.91 0.00	166.13 6.95 0.00	173.82 7.04 0.00	172.65 6.05 0.00	156.95 4.86 0.00
CRICKET__VALLEY_CC3 323758	103.78 2.99 0.00	112.17 3.07 0.00	86.75 2.45 0.00	81.21 2.21 0.00	69.62 1.95 0.00	58.98 1.77 0.00	69.59 2.29 0.00	90.48 2.93 0.00	107.90 3.26 0.00	123.02 3.82 0.00	162.28 5.26 0.00	185.26 5.61 0.10	196.04 7.03 0.44	162.50 6.31 1.98	162.08 6.40 1.71	161.37 6.19 2.16	183.54 5.93 1.08	197.48 6.84 -13.75	171.20 7.55 0.00	157.40 6.91 0.00	166.13 6.95 0.00	173.82 7.04 0.00	172.65 6.05 0.00	156.95 4.86 0.00
CRUCIBLE__METL_DRP 24180	98.21 -2.58 0.00	106.63 -2.48 0.00	82.32 -1.98 0.00	77.18 -1.82 0.00	66.08 -1.59 0.00	55.88 -1.34 0.00	65.79 -1.51 0.00	85.66 -1.89 0.00	102.35 -2.29 0.00	116.35 -2.85 0.00	153.40 -3.62 0.00	174.98 -4.48 0.29	183.64 -4.51 1.30	148.73 -3.56 5.88	148.84 -3.48 5.07	147.56 -3.36 6.42	172.17 -3.32 3.20	173.01 -2.67 1.21	161.84 -2.40 -0.60	148.19 -2.29 0.00	156.87 -2.67 -0.35	164.01 -2.78 0.00	163.83 -2.76 0.00	149.20 -2.89 0.00
DAHOWA__HYDRO 323763	107.89 7.10 0.00	116.80 7.70 0.00	90.28 5.97 0.00	84.68 5.68 0.00	72.56 4.88 0.00	61.37 4.16 0.00	72.38 5.09 0.00	94.26 6.71 0.00	112.68 8.05 0.00	128.22 9.02 0.00	168.91 11.90 0.00	193.46 13.71 0.00	203.94 14.50 0.00	170.15 11.98 0.00	169.60 12.21 0.00	169.42 12.09 0.00	192.68 14.00 0.00	267.12 14.31 -75.92	177.16 13.52 0.00	162.95 12.46 0.00	172.36 13.18 0.00	180.54 13.75 0.00	179.34 12.75 0.00	163.31 11.22 0.00
DANC__LFGE 323619	100.71 -0.08 0.00	108.82 -0.28 0.00	84.12 -0.19 0.00	78.86 -0.14 0.00	67.38 -0.30 0.00	56.99 -0.22 0.00	66.96 -0.34 0.00	87.13 -0.42 0.00	104.60 -0.04 0.00	119.20 0.00 0.00	156.90 -0.11 0.00	179.48 -0.28 0.00	188.90 -0.55 0.00	157.45 -0.72 0.00	155.90 -1.49 0.00	156.82 -0.51 0.00	178.68 -0.01 0.00	177.95 1.06 0.00	164.30 0.66 0.00	149.11 -1.38 0.00	155.91 -3.28 0.00	164.80 -1.99 0.00	165.98 -0.61 0.00	150.68 -1.42 0.00
DANSKAMMER__1 23586	105.02 4.23 0.00	113.57 4.47 0.00	87.79 3.48 0.00	82.11 3.12 0.00	70.42 2.75 0.00	59.70 2.49 0.00	70.44 3.15 0.00	91.71 4.16 0.00	109.46 4.83 0.00	124.88 5.69 0.00	164.92 7.91 0.00	188.39 8.74 0.10	198.70 9.71 0.45	164.62 8.51 2.06	164.25 8.63 1.77	163.55 8.46 2.24	186.35 8.78 1.12	193.58 9.88 -6.80	173.74 10.10 0.00	159.89 9.40 0.00	168.79 9.60 0.00	176.52 9.74 0.00	175.33 8.74 0.00	159.16 7.07 0.00
DANSKAMMER__2 23589	105.02 4.23 0.00	113.57 4.47 0.00	87.79 3.48 0.00	82.11 3.12 0.00	70.42 2.75 0.00	59.70 2.49 0.00	70.44 3.15 0.00	91.71 4.16 0.00	109.46 4.83 0.00	124.88 5.69 0.00	164.92 7.91 0.00	188.39 8.74 0.10	198.70 9.71 0.45	164.62 8.51 2.06	164.25 8.63 1.77	163.55 8.46 2.24	186.35 8.78 1.12	193.58 9.88 -6.80	173.74 10.10 0.00	159.89 9.40 0.00	168.79 9.60 0.00	176.52 9.74 0.00	175.33 8.74 0.00	159.16 7.07 0.00
DANSKAMMER__3 23590	105.02 4.23 0.00	113.57 4.47 0.00	87.79 3.48 0.00	82.11 3.12 0.00	70.42 2.75 0.00	59.70 2.49 0.00	70.44 3.15 0.00	91.71 4.16 0.00	109.46 4.83 0.00	124.88 5.69 0.00	164.92 7.91 0.00	188.39 8.74 0.10	198.70 9.71 0.45	164.62 8.51 2.06	164.25 8.63 1.77	163.55 8.46 2.24	186.35 8.78 1.12	193.58 9.88 -6.80	173.74 10.10 0.00	159.89 9.40 0.00	168.79 9.60 0.00	176.52 9.74 0.00	175.33 8.74 0.00	159.16 7.07 0.00

DANSKAMMER___4 23591	105.02 4.23 0.00	113.57 4.47 0.00	87.79 3.48 0.00	82.11 3.12 0.00	70.42 2.75 0.00	59.70 2.49 0.00	70.44 3.15 0.00	91.71 4.16 0.00	109.46 4.83 0.00	124.88 5.69 0.00	164.92 7.91 0.00	188.39 8.74 0.10	198.70 9.71 0.45	164.62 8.51 2.06	164.25 8.63 1.77	163.55 8.46 2.24	186.35 8.78 1.12	193.58 9.88 -6.80	173.74 10.10 0.00	159.89 9.40 0.00	168.79 9.60 0.00	176.52 9.74 0.00	175.33 8.74 0.00	159.16 7.07 0.00
DANSKAMMER___DIESEL 23592	105.03 4.24 0.00	113.58 4.49 0.00	87.78 3.48 0.00	82.12 3.12 0.00	70.43 2.76 0.00	59.71 2.50 0.00	70.45 3.15 0.00	91.74 4.19 0.00	109.48 4.84 0.00	124.92 5.72 0.00	164.97 7.95 0.00	188.42 8.77 0.10	198.76 9.76 0.45	164.69 8.58 2.06	164.28 8.66 1.77	163.64 8.55 2.24	186.39 8.82 1.12	193.60 9.90 -6.80	173.75 10.11 0.00	159.89 9.41 0.00	168.77 9.59 0.00	176.52 9.74 0.00	175.30 8.71 0.00	159.16 7.07 0.00
DARBY___SOLAR 323810	107.20 6.41 0.00	116.06 6.96 0.00	89.70 5.39 0.00	84.13 5.13 0.00	72.09 4.41 0.00	60.99 3.77 0.00	71.91 4.61 0.00	93.60 6.06 0.00	111.87 7.23 0.00	127.31 8.11 0.00	167.73 10.72 0.00	191.96 12.21 0.00	202.46 13.01 0.00	168.94 10.77 0.00	168.35 10.96 0.00	168.19 10.86 0.00	191.10 12.42 0.00	268.03 12.81 -78.34	175.74 12.10 0.00	161.67 11.18 0.00	171.06 11.88 0.00	179.20 12.41 0.00	178.04 11.45 0.00	162.22 10.13 0.00
DASHVILLE___HYD 23610	104.15 3.37 0.00	112.60 3.50 0.00	87.04 2.74 0.00	81.42 2.43 0.00	69.83 2.16 0.00	59.19 1.98 0.00	69.85 2.55 0.00	90.95 3.41 0.00	108.52 3.88 0.00	123.87 4.67 0.00	163.53 6.51 0.00	186.76 7.11 0.10	197.06 8.06 0.44	163.23 7.06 2.00	162.90 7.23 1.72	162.22 7.07 2.18	184.80 7.21 1.09	175.76 8.20 9.33	172.17 8.53 0.00	158.40 7.92 0.00	167.21 8.02 0.00	174.92 8.14 0.00	173.66 7.07 0.00	157.67 5.58 0.00
DELAWARE___LFGE 323621	102.40 1.61 0.00	110.89 1.79 0.00	85.64 1.34 0.00	80.18 1.18 0.00	68.65 0.98 0.00	58.15 0.93 0.00	68.54 1.24 0.00	89.26 1.71 0.00	106.61 1.97 0.00	121.34 2.14 0.00	160.12 3.10 0.00	182.89 3.40 0.26	191.82 3.54 1.17	155.90 3.02 5.29	156.10 3.28 4.56	154.84 3.28 5.77	179.33 3.52 2.88	183.43 3.85 -2.70	167.71 4.07 0.00	154.36 3.87 0.00	163.16 3.98 0.00	170.78 4.00 0.00	170.19 3.60 0.00	154.84 2.75 0.00
DERFIELD_115KV_TB7 355931	101.18 0.39 0.00	109.51 0.42 0.00	84.64 0.34 0.00	79.32 0.32 0.00	67.94 0.27 0.00	57.47 0.25 0.00	67.63 0.34 0.00	87.98 0.44 0.00	105.15 0.52 0.00	119.78 0.58 0.00	157.79 0.77 0.00	180.61 0.86 0.00	190.25 0.81 0.00	158.93 0.77 0.00	158.17 0.79 0.00	158.12 0.79 0.00	179.28 0.59 0.00	177.73 0.84 0.00	164.46 0.82 0.00	151.24 0.75 0.00	159.89 0.71 0.00	167.62 0.83 0.00	167.33 0.74 0.00	152.70 0.61 0.00
DOGLEVILLE___HYD 23807	107.29 6.50 0.00	115.83 6.73 0.00	89.60 5.29 0.00	84.14 5.14 0.00	72.17 4.49 0.00	61.15 3.94 0.00	72.17 4.87 0.00	94.14 6.60 0.00	112.71 8.07 0.00	127.53 8.33 0.00	167.90 10.88 0.00	191.32 11.57 0.00	201.18 11.74 0.00	167.84 9.67 0.00	167.80 10.41 0.00	168.49 11.15 0.00	191.34 12.65 0.00	189.89 13.00 0.00	175.89 12.25 0.00	162.06 11.58 0.00	171.79 12.60 0.00	179.60 12.81 0.00	177.79 11.20 0.00	161.62 9.53 0.00
DUNKIRK__115KV_TB_200 55889	91.91 -8.88 0.00	102.03 -7.07 0.00	78.49 -5.82 0.00	72.91 -6.10 0.00	62.19 -5.48 0.00	52.19 -5.02 0.00	61.13 -6.16 0.00	79.74 -7.81 0.00	94.91 -9.73 0.00	107.38 -11.82 0.00	142.14 -14.87 0.00	160.87 -18.36 0.52	167.45 -19.68 2.32	132.16 -15.52 10.49	131.77 -16.58 9.05	130.81 -15.07 11.45	157.83 -14.13 6.72	159.31 -14.49 3.09	144.38 -15.04 4.22	117.47 -13.66 19.36	143.67 -14.20 1.31	153.91 -12.88 0.00	157.44 -9.16 0.00	143.23 -8.86 0.00
DUNKIRK___1 23563	91.91 -8.88 0.00	102.03 -7.07 0.00	78.49 -5.82 0.00	72.91 -6.10 0.00	62.19 -5.48 0.00	52.19 -5.02 0.00	61.13 -6.16 0.00	79.74 -7.81 0.00	94.91 -9.73 0.00	107.38 -11.82 0.00	142.14 -14.87 0.00	160.87 -18.36 0.52	167.45 -19.68 2.32	132.16 -15.52 10.49	131.77 -16.58 9.05	130.81 -15.07 11.45	157.83 -14.13 6.72	159.31 -14.49 3.09	144.38 -15.04 4.22	117.47 -13.66 19.36	143.67 -14.20 1.31	153.91 -12.88 0.00	157.44 -9.16 0.00	143.23 -8.86 0.00
DUNKIRK___2 23564	91.91 -8.88 0.00	102.03 -7.07 0.00	78.49 -5.82 0.00	72.91 -6.10 0.00	62.19 -5.48 0.00	52.19 -5.02 0.00	61.13 -6.16 0.00	79.74 -7.81 0.00	94.91 -9.73 0.00	107.38 -11.82 0.00	142.14 -14.87 0.00	160.87 -18.36 0.52	167.45 -19.68 2.32	132.16 -15.52 10.49	131.77 -16.58 9.05	130.81 -15.07 11.45	157.83 -14.13 6.72	159.31 -14.49 3.09	144.38 -15.04 4.22	117.47 -13.66 19.36	143.67 -14.20 1.31	153.91 -12.88 0.00	157.44 -9.16 0.00	143.23 -8.86 0.00
DUNKIRK___3 23565	91.71 -9.08 0.00	101.79 -7.31 0.00	78.23 -6.07 0.00	72.80 -6.20 0.00	62.10 -5.57 0.00	52.08 -5.14 0.00	60.95 -6.35 0.00	79.43 -8.11 0.00	94.59 -10.04 0.00	106.89 -12.31 0.00	141.45 -15.57 0.00	160.29 -18.94 0.52	167.03 -20.10 2.32	131.47 -16.21 10.49	131.35 -16.99 9.05	130.11 -15.77 11.45	156.92 -14.97 6.80	158.91 -14.90 3.08	143.99 -15.32 4.33	115.79 -13.88 20.82	143.26 -14.63 1.29	153.30 -13.48 0.00	156.81 -9.78 0.00	142.89 -9.20 0.00
DUNKIRK___4 23566	91.71 -9.08 0.00	101.79 -7.31 0.00	78.23 -6.07 0.00	72.80 -6.20 0.00	62.10 -5.57 0.00	52.08 -5.14 0.00	60.95 -6.35 0.00	79.43 -8.11 0.00	94.59 -10.04 0.00	106.89 -12.31 0.00	141.45 -15.57 0.00	160.29 -18.94 0.52	167.03 -20.10 2.32	131.47 -16.21 10.49	131.35 -16.99 9.05	130.11 -15.77 11.45	156.92 -14.97 6.80	158.91 -14.90 3.08	143.99 -15.32 4.33	115.79 -13.88 20.82	143.26 -14.63 1.29	153.30 -13.48 0.00	156.81 -9.78 0.00	142.89 -9.20 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	104.50 3.71 0.00	112.95 3.85 0.00	87.36 3.06 0.00	81.73 2.73 0.00	70.11 2.43 0.00	59.44 2.22 0.00	70.10 2.80 0.00	91.23 3.68 0.00	108.72 4.08 0.00	124.05 4.85 0.00	164.17 7.15 0.00	187.49 7.85 0.10	197.75 8.75 0.45	163.86 7.75 2.05	163.48 7.86 1.77	162.60 7.51 2.24	184.92 7.35 1.12	193.89 8.54 -8.46	172.58 8.94 0.00	158.79 8.30 0.00	167.61 8.42 0.00	175.35 8.57 0.00	174.12 7.52 0.00	158.03 5.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	104.08 3.29 0.00	112.55 3.45 0.00	86.99 2.68 0.00	81.36 2.36 0.00	69.77 2.10 0.00	59.13 1.92 0.00	69.76 2.47 0.00	90.83 3.29 0.00	108.40 3.76 0.00	123.69 4.49 0.00	163.35 6.33 0.00	186.61 6.96 0.10	196.75 7.76 0.46	162.94 6.86 2.09	162.58 7.00 1.81	161.84 6.80 2.28	184.36 6.81 1.14	190.93 7.86 -6.17	171.86 8.22 0.00	158.09 7.60 0.00	166.94 7.76 0.00	174.66 7.88 0.00	173.48 6.89 0.00	157.54 5.45 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	104.22 3.44 0.00	112.46 3.36 0.00	87.18 2.87 0.00	81.45 2.45 0.00	69.87 2.20 0.00	59.30 2.08 0.00	70.01 2.71 0.00	91.07 3.52 0.00	108.54 3.91 0.00	124.02 4.82 0.00	164.24 7.23 0.00	187.37 7.72 0.10	197.67 8.67 0.45	164.04 7.92 2.05	163.55 7.93 1.77	162.61 7.52 2.24	184.93 7.36 1.12	194.07 8.72 -8.46	172.87 9.23 0.00	159.01 8.52 0.00	167.37 8.18 0.00	175.05 8.27 0.00	173.90 7.31 0.00	157.64 5.54 0.00

E179THST_13_KV_LOAD 356214	104.68 3.89 0.00	112.93 3.83 0.00	87.54 3.23 0.00	81.77 2.77 0.00	70.14 2.47 0.00	59.53 2.31 0.00	70.28 2.98 0.00	91.44 3.89 0.00	109.00 4.36 0.00	124.56 5.36 0.00	164.96 7.94 0.00	188.27 8.62 0.10	198.71 9.72 0.45	164.86 8.74 2.05	164.38 8.76 1.77	163.46 8.37 2.24	185.88 8.31 1.12	195.07 9.72 -8.46	173.81 10.17 0.00	159.86 9.37 0.00	168.26 9.07 0.00	176.01 9.23 0.00	174.81 8.22 0.00	158.46 6.37 0.00
EAST HAMPTON___GT 23717	207.90 9.02 -98.09	161.52 9.85 -42.57	165.14 8.37 -72.46	88.15 7.65 -1.50	86.45 6.79 -11.99	274.74 5.74 -211.78	121.56 6.87 -47.39	177.52 9.49 -80.48	272.84 10.40 -157.80	263.26 11.25 -132.82	281.08 14.14 -109.92	269.69 15.56 -74.38	260.98 14.12 -57.41	221.58 8.92 -54.50	174.09 6.05 -10.64	158.78 3.30 1.85	185.02 4.49 -1.84	202.50 5.85 -19.76	171.75 7.08 -1.04	258.76 7.44 -100.83	172.39 5.70 -7.49	225.61 4.60 -54.22	171.36 4.58 -0.19	124.73 2.13 29.50
EAST RIVER___6 23660	104.28 3.49 0.00	112.69 3.59 0.00	87.20 2.90 0.00	81.55 2.54 0.00	70.02 2.35 0.00	59.46 2.25 0.00	70.04 2.75 0.00	91.16 3.61 0.00	108.63 3.99 0.00	124.11 4.91 0.00	164.31 7.29 0.00	187.80 8.15 0.10	197.86 8.86 0.45	164.15 8.03 2.05	163.79 8.17 1.77	162.93 7.84 2.24	185.13 7.56 1.12	194.30 8.96 -8.46	172.93 9.29 0.00	159.07 8.59 0.00	167.89 8.70 0.00	175.57 8.78 0.00	174.40 7.81 0.00	158.15 6.05 0.00
EAST RIVER___7 23524	104.28 3.49 0.00	112.69 3.59 0.00	87.20 2.90 0.00	81.55 2.54 0.00	70.02 2.35 0.00	59.46 2.25 0.00	70.04 2.75 0.00	91.16 3.61 0.00	108.63 3.99 0.00	124.11 4.91 0.00	164.31 7.29 0.00	187.80 8.15 0.10	197.86 8.86 0.45	164.15 8.03 2.05	163.79 8.17 1.77	162.93 7.84 2.24	185.13 7.56 1.12	194.30 8.96 -8.46	172.93 9.29 0.00	159.07 8.59 0.00	167.89 8.70 0.00	175.57 8.78 0.00	174.40 7.81 0.00	158.15 6.05 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	104.24 3.45 0.00	112.71 3.61 0.00	87.16 2.86 0.00	81.54 2.54 0.00	69.94 2.27 0.00	59.29 2.08 0.00	69.93 2.64 0.00	90.99 3.45 0.00	108.46 3.82 0.00	123.79 4.59 0.00	163.72 6.71 0.00	187.04 7.39 0.10	197.23 8.23 0.45	163.45 7.34 2.06	163.02 7.41 1.77	162.20 7.11 2.24	184.46 6.89 1.12	193.37 8.05 -8.43	172.12 8.48 0.00	158.35 7.86 0.00	167.18 8.00 0.00	174.88 8.10 0.00	173.66 7.06 0.00	157.62 5.53 0.00
EAST_HAMPTON___DIESEL 23722	207.80 8.92 -98.09	161.46 9.79 -42.57	165.14 8.37 -72.46	88.15 7.65 -1.50	86.45 6.79 -11.99	274.75 5.75 -211.78	121.58 6.89 -47.39	177.53 9.50 -80.48	272.87 10.42 -157.80	263.27 11.26 -132.82	281.12 14.18 -109.92	269.69 15.56 -74.38	260.87 14.01 -57.41	221.33 8.66 -54.50	173.75 5.72 -10.64	158.34 2.87 1.85	184.47 3.94 -1.84	201.95 5.30 -19.76	171.26 6.59 -1.04	258.31 6.99 -100.83	171.89 5.21 -7.49	225.11 4.10 -54.22	170.88 4.09 -0.19	124.22 1.62 29.50
EAST_POINT___SOLAR 323840	104.48 3.69 0.00	113.05 3.95 0.00	87.24 2.93 0.00	81.84 2.84 0.00	70.17 2.50 0.00	59.49 2.28 0.00	70.12 2.83 0.00	91.62 4.08 0.00	109.65 5.02 0.00	124.32 5.12 0.00	163.49 6.48 0.00	186.60 6.96 0.11	196.02 7.06 0.48	161.31 5.33 2.19	160.41 4.91 1.89	162.26 7.31 2.39	187.55 10.05 1.19	236.28 10.20 -49.20	173.02 9.38 0.00	158.92 8.44 0.00	167.65 8.46 0.00	175.36 8.57 0.00	174.69 8.09 0.00	158.83 6.73 0.00
EAST_PULASKI___ESR 323781	98.41 -2.37 0.00	106.58 -2.52 0.00	82.35 -1.96 0.00	77.14 -1.86 0.00	65.98 -1.70 0.00	55.81 -1.41 0.00	65.58 -1.72 0.00	85.26 -2.29 0.00	102.19 -2.45 0.00	116.38 -2.82 0.00	153.41 -3.61 0.00	175.68 -4.20 -0.13	185.51 -4.50 -0.57	156.97 -3.79 -2.60	155.62 -4.00 -2.24	156.46 -3.70 -2.83	176.39 -3.70 -1.41	174.47 -3.03 -0.61	160.73 -2.91 0.00	147.09 -3.40 0.00	154.86 -4.33 0.00	162.76 -4.02 0.00	163.21 -3.38 0.00	148.50 -3.60 0.00
EAST_RIVER___1 323558	104.38 3.59 0.00	112.81 3.71 0.00	87.30 3.00 0.00	81.68 2.68 0.00	70.09 2.41 0.00	59.46 2.24 0.00	70.12 2.82 0.00	91.23 3.69 0.00	108.70 4.06 0.00	124.15 4.95 0.00	164.36 7.35 0.00	187.83 8.18 0.10	198.11 9.11 0.45	164.24 8.12 2.05	163.80 8.19 1.77	162.90 7.81 2.24	185.06 7.50 1.12	194.23 8.88 -8.46	172.90 9.26 0.00	159.05 8.56 0.00	167.84 8.65 0.00	175.57 8.78 0.00	174.42 7.82 0.00	158.21 6.12 0.00
EAST_RIVER___2 323559	104.28 3.49 0.00	112.69 3.59 0.00	87.20 2.90 0.00	81.55 2.54 0.00	70.02 2.35 0.00	59.46 2.25 0.00	70.04 2.75 0.00	91.16 3.61 0.00	108.63 3.99 0.00	124.11 4.91 0.00	164.31 7.29 0.00	187.80 8.15 0.10	197.86 8.86 0.45	164.15 8.03 2.05	163.79 8.17 1.77	162.93 7.84 2.24	185.13 7.56 1.12	194.30 8.96 -8.46	172.93 9.29 0.00	159.07 8.59 0.00	167.89 8.70 0.00	175.57 8.78 0.00	174.40 7.81 0.00	158.15 6.05 0.00
EAST___DELAWARE_HYD 23607	102.50 1.71 0.00	110.80 1.70 0.00	85.62 1.32 0.00	80.06 1.06 0.00	68.69 1.02 0.00	58.24 1.02 0.00	68.75 1.45 0.00	89.63 2.08 0.00	107.07 2.43 0.00	122.22 3.02 0.00	161.29 4.27 0.00	184.13 4.48 0.11	194.11 5.14 0.48	160.65 4.63 2.16	160.27 4.75 1.86	159.75 4.78 2.35	182.32 4.81 1.17	185.14 5.91 -2.34	169.99 6.35 0.00	156.34 5.85 0.00	165.12 5.94 0.00	172.63 5.84 0.00	171.33 4.74 0.00	155.39 3.30 0.00
EIGHT_POINT___WT_PWR 323820	94.59 -6.20 0.00	103.96 -5.13 0.00	79.93 -4.37 0.00	75.03 -3.97 0.00	63.99 -3.68 0.00	53.80 -3.42 0.00	62.71 -4.59 0.00	80.83 -6.72 0.00	96.50 -8.14 0.00	111.37 -7.83 0.00	148.65 -8.37 0.00	168.77 -10.48 0.50	175.73 -11.48 2.24	138.18 -9.86 10.13	139.10 -9.55 8.73	137.51 -8.77 11.06	168.81 -8.92 0.95	161.47 -12.00 3.42	149.22 -16.69 -2.27	221.56 -15.65 -86.72	139.93 -15.49 3.77	156.42 -10.36 0.00	158.79 -7.80 0.00	141.56 -10.53 0.00
ELBRIDGE_115KV_TB2 80188	97.63 -3.16 0.00	106.02 -3.08 0.00	81.86 -2.44 0.00	76.78 -2.23 0.00	65.70 -1.97 0.00	55.54 -1.68 0.00	65.40 -1.89 0.00	85.16 -2.38 0.00	101.74 -2.90 0.00	115.55 -3.65 0.00	152.27 -4.74 0.00	173.66 -5.79 0.29	182.31 -5.84 1.29	147.63 -4.68 5.86	147.69 -4.64 5.05	146.43 -4.51 6.39	170.93 -4.57 3.19	171.78 -3.92 1.19	160.88 -3.44 -0.67	147.29 -3.20 0.00	155.82 -3.76 -0.39	162.99 -3.79 0.00	162.87 -3.72 0.00	148.31 -3.78 0.00
ELEC_TRO_TEK 24086	105.62 4.83 0.00	113.93 4.83 0.00	88.11 3.80 0.00	82.39 3.39 0.00	70.70 3.03 0.00	59.98 2.77 0.00	70.76 3.47 0.00	92.07 4.52 0.00	109.12 4.49 0.00	124.11 4.91 0.00	164.78 7.76 0.00	187.83 8.18 0.10	197.90 8.91 0.45	163.48 7.36 2.05	163.10 7.48 1.77	162.17 7.08 2.24	184.76 7.19 1.12	193.41 8.06 -8.46	172.31 8.66 0.00	158.55 8.06 0.00	167.06 7.88 0.00	174.69 7.91 0.00	172.27 6.59 0.91	151.54 4.41 4.96
ELLENBURG_WT_PWR 323604	102.12 1.33 0.00	109.57 0.47 0.00	84.77 0.47 0.00	79.77 0.76 0.00	68.39 0.72 0.00	57.60 0.38 0.00	67.72 0.42 0.00	87.96 0.42 0.00	105.25 0.62 0.00	120.37 1.17 0.00	159.50 2.48 0.00	182.88 3.13 0.00	192.60 3.15 0.00	159.83 1.67 0.00	158.86 1.47 0.00	158.60 1.27 0.00	179.94 1.25 0.00	175.16 -1.72 0.00	160.47 -3.17 0.00	148.08 -2.41 0.00	157.56 -1.63 0.00	165.93 -0.86 0.00	166.79 0.19 0.00	153.16 1.07 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	90.60 -10.18 0.00	100.71 -8.39 0.00	77.15 -7.16 0.00	72.29 -6.71 0.00	61.73 -5.94 0.00	51.55 -5.66 0.00	60.04 -7.26 0.00	77.97 -9.58 0.00	93.21 -11.43 0.00	104.80 -14.39 0.00	138.16 -18.86 0.00	157.12 -22.11 0.53	164.40 -22.71 2.34	128.39 -19.20 10.58	128.69 -19.57 9.12	126.89 -18.89 11.55	153.06 -18.54 7.09	157.53 -16.32 3.04	142.37 -16.70 4.57	109.99 -15.14 25.36	141.49 -16.53 1.17	150.71 -16.07 0.00	154.88 -11.72 0.00	142.02 -10.07 0.00
EMPIRE_CC_1 323656	104.67 3.88 0.00	113.34 4.24 0.00	87.67 3.37 0.00	82.19 3.19 0.00	70.43 2.76 0.00	59.59 2.38 0.00	70.11 2.81 0.00	91.08 3.54 0.00	108.76 4.12 0.00	123.87 4.67 0.00	163.19 6.17 0.00	186.75 7.08 0.08	196.71 7.63 0.37	163.00 6.52 1.69	162.37 6.44 1.46	161.66 6.18 1.85	183.82 6.05 0.92	266.38 6.83 -82.67	170.13 6.49 0.00	156.69 6.20 0.00	165.94 6.75 0.00	173.72 6.94 0.00	172.83 6.24 0.00	157.95 5.85 0.00
EMPIRE_CC_2 323658	104.67 3.88 0.00	113.34 4.24 0.00	87.67 3.37 0.00	82.19 3.19 0.00	70.43 2.76 0.00	59.59 2.38 0.00	70.11 2.81 0.00	91.08 3.54 0.00	108.76 4.12 0.00	123.87 4.67 0.00	163.19 6.17 0.00	186.75 7.08 0.08	196.71 7.63 0.37	163.00 6.52 1.69	162.37 6.44 1.46	161.66 6.18 1.85	183.82 6.05 0.92	266.38 6.83 -82.67	170.13 6.49 0.00	156.69 6.20 0.00	165.94 6.75 0.00	173.72 6.94 0.00	172.83 6.24 0.00	157.95 5.85 0.00
ENORWICH_115KV_TB1 80156	105.66 4.87 0.00	114.47 5.37 0.00	87.84 3.53 0.00	82.61 3.60 0.00	70.21 2.54 0.00	59.98 2.77 0.00	70.86 3.57 0.00	92.28 4.73 0.00	109.39 4.75 0.00	123.96 4.76 0.00	163.88 6.86 0.00	187.87 8.54 0.42	195.79 8.20 1.86	156.51 6.74 8.40	156.08 5.93 7.25	155.32 7.16 9.17	182.56 8.11 4.23	187.11 9.21 -1.01	178.58 10.16 -4.78	165.71 8.76 -6.46	170.21 8.63 -2.39	172.93 6.15 0.00	171.78 5.19 0.00	156.93 4.84 0.00
ERIE_ST__34_KV_TB1-2 80199	92.60 -8.19 0.00	102.73 -6.37 0.00	78.69 -5.62 0.00	73.77 -5.23 0.00	62.96 -4.71 0.00	52.61 -4.61 0.00	61.34 -5.96 0.00	79.81 -7.74 0.00	95.57 -9.07 0.00	107.56 -11.64 0.00	141.97 -15.05 0.00	161.34 -17.88 0.52	169.06 -18.06 2.33	132.26 -15.38 10.53	132.52 -15.79 9.08	130.82 -15.02 11.49	157.84 -14.07 6.78	161.85 -11.98 3.05	146.92 -12.59 4.13	118.90 -11.47 20.13	145.45 -12.52 1.22	154.94 -11.85 0.00	158.82 -7.78 0.00	145.72 -6.37 0.00
ERIE_WT_PWR 323693	54.84 -9.36 36.58	30.30 -7.53 71.27	54.38 -6.56 23.36	63.95 -6.19 8.87	41.65 -5.43 20.59	35.16 -5.25 16.81	19.79 -6.71 40.80	47.54 -8.85 31.15	57.28 -10.54 36.82	72.55 -13.30 33.35	86.96 -17.01 53.04	93.12 -19.95 66.67	118.83 -20.55 50.07	95.16 -17.53 45.48	97.15 -17.68 42.56	117.37 -16.96 23.00	133.48 -16.41 28.79	141.65 -14.77 20.47	143.92 -15.32 4.39	113.96 -13.71 22.82	142.77 -15.21 1.21	136.76 -14.47 15.56	82.31 -10.29 73.99	67.83 -8.45 75.81
ESPRGFLD_115KV_TB1 80157	100.96 0.17 0.00	109.31 0.20 0.00	84.28 -0.02 0.00	79.02 0.01 0.00	67.71 0.03 0.00	57.36 0.15 0.00	67.64 0.34 0.00	88.24 0.69 0.00	105.53 0.90 0.00	120.12 0.93 0.00	158.20 1.18 0.00	180.98 1.39 0.16	190.31 1.57 0.71	155.95 0.98 3.20	155.59 0.96 2.75	155.55 1.71 3.49	179.21 2.26 1.74	213.51 2.19 -34.43	165.89 2.25 0.00	152.45 1.96 0.00	160.82 1.64 0.00	168.32 1.53 0.00	167.96 1.37 0.00	152.66 0.57 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	100.27 -0.52 0.00	108.93 -0.17 0.00	84.05 -0.25 0.00	78.77 -0.23 0.00	67.36 -0.31 0.00	57.05 -0.17 0.00	67.19 -0.11 0.00	87.57 0.02 0.00	104.53 -0.11 0.00	118.79 -0.41 0.00	156.77 -0.25 0.00	178.59 -0.67 0.49	186.56 -0.72 2.16	147.88 -0.50 9.79	148.61 -0.34 8.44	146.75 0.11 10.69	174.82 0.93 4.80	179.79 1.52 -1.38	176.33 1.60 -11.09	161.80 1.32 -9.99	166.19 1.17 -5.84	167.88 1.10 0.00	167.61 1.02 0.00	152.41 0.31 0.00
ETNA____115KV_TB2 80207	100.27 -0.52 0.00	108.93 -0.17 0.00	84.05 -0.25 0.00	78.77 -0.23 0.00	67.36 -0.31 0.00	57.05 -0.17 0.00	67.19 -0.11 0.00	87.57 0.02 0.00	104.53 -0.11 0.00	118.79 -0.41 0.00	156.77 -0.25 0.00	178.59 -0.67 0.49	186.56 -0.72 2.16	147.88 -0.50 9.79	148.61 -0.34 8.44	146.75 0.11 10.69	174.82 0.93 4.80	179.79 1.52 -1.38	176.33 1.60 -11.09	161.80 1.32 -9.99	166.19 1.17 -5.84	167.88 1.10 0.00	167.61 1.02 0.00	152.41 0.31 0.00
EUCLID__115KV_TB2 356179	97.29 -3.50 0.00	105.63 -3.47 0.00	81.55 -2.76 0.00	76.39 -2.61 0.00	65.42 -2.26 0.00	55.31 -1.90 0.00	65.07 -2.23 0.00	84.66 -2.89 0.00	101.17 -3.46 0.00	115.06 -4.14 0.00	151.63 -5.38 0.00	172.94 -6.36 0.45	180.87 -6.58 2.00	143.71 -5.39 9.07	144.27 -5.30 7.82	142.26 -5.17 9.90	168.27 -5.48 4.93	170.03 -4.73 2.13	159.20 -4.44 0.00	146.31 -4.17 0.00	154.58 -4.60 0.00	161.97 -4.82 0.00	161.97 -4.62 0.00	147.58 -4.51 0.00
E_CANADA_CAP_HY 24051	104.63 0.66 -3.18	115.91 0.62 -6.20	86.69 0.36 -2.03	80.24 0.46 -0.77	69.93 0.47 -1.79	59.20 0.53 -1.46	71.52 0.68 -3.54	91.38 1.13 -2.71	109.42 1.58 -3.20	123.70 1.60 -2.90	163.37 1.74 -4.61	187.28 1.90 -5.63	195.23 2.18 -3.61	160.00 1.25 -0.58	159.28 1.11 -0.79	157.88 2.30 1.75	182.42 3.24 -0.50	226.62 3.05 -46.68	166.20 2.56 0.00	152.73 2.24 0.00	161.07 1.89 0.00	170.13 1.99 -1.35	174.90 1.87 -6.43	159.94 1.26 -6.59
E_CANADA_MHWK_HY 24050	107.30 6.51 0.00	115.83 6.73 0.00	89.60 5.29 0.00	84.14 5.14 0.00	72.16 4.49 0.00	61.15 3.94 0.00	72.16 4.87 0.00	94.14 6.60 0.00	112.71 8.07 0.00	127.54 8.34 0.00	167.90 10.88 0.00	191.36 11.61 0.00	201.18 11.74 0.00	167.84 9.67 0.00	167.81 10.42 0.00	168.51 11.18 0.00	191.35 12.67 0.00	189.89 13.00 0.00	175.89 12.25 0.00	162.07 11.58 0.00	171.78 12.59 0.00	179.62 12.83 0.00	177.81 11.21 0.00	161.63 9.53 0.00
E_FISHKILL__LBMP 23776	103.93 3.14 0.00	112.38 3.28 0.00	86.89 2.59 0.00	81.32 2.32 0.00	69.73 2.06 0.00	59.09 1.88 0.00	69.70 2.41 0.00	90.66 3.11 0.00	108.10 3.46 0.00	123.31 4.11 0.00	162.86 5.84 0.00	185.98 6.33 0.10	196.21 7.21 0.45	162.61 6.47 2.03	162.23 6.59 1.75	161.44 6.32 2.21	183.62 6.03 1.10	192.62 7.02 -8.71	171.18 7.54 0.00	157.49 7.00 0.00	166.25 7.07 0.00	174.01 7.22 0.00	172.78 6.19 0.00	157.02 4.93 0.00
FALCON__SEABRD_CC1 323796	102.03 1.24 0.00	108.71 -0.39 0.00	84.14 -0.16 0.00	79.52 0.52 0.00	68.20 0.53 0.00	57.15 -0.07 0.00	67.31 0.02 0.00	87.30 -0.25 0.00	104.33 -0.31 0.00	119.52 0.32 0.00	160.10 3.08 0.00	183.66 3.91 0.00	193.54 4.09 0.00	160.30 2.13 0.00	159.28 1.89 0.00	159.10 1.77 0.00	179.81 1.13 0.00	174.24 -2.66 0.00	159.49 -4.15 0.00	147.69 -2.80 0.00	158.15 -1.03 0.00	167.40 0.61 0.00	169.06 2.47 0.00	155.49 3.40 0.00
FALCON__SEABRD_CC2 323797	102.03 1.24 0.00	108.71 -0.39 0.00	84.14 -0.16 0.00	79.52 0.52 0.00	68.20 0.53 0.00	57.15 -0.07 0.00	67.31 0.02 0.00	87.30 -0.25 0.00	104.33 -0.31 0.00	119.52 0.32 0.00	160.10 3.08 0.00	183.66 3.91 0.00	193.54 4.09 0.00	160.30 2.13 0.00	159.28 1.89 0.00	159.10 1.77 0.00	179.81 1.13 0.00	174.24 -2.66 0.00	159.49 -4.15 0.00	147.69 -2.80 0.00	158.15 -1.03 0.00	167.40 0.61 0.00	169.06 2.47 0.00	155.49 3.40 0.00

FAR ROCKAWAY___4 23548	107.09 6.30 0.00	115.49 6.39 0.00	89.29 4.98 0.00	83.49 4.49 0.00	71.64 3.97 0.00	60.74 3.53 0.00	71.71 4.42 0.00	93.30 5.75 0.00	110.59 5.95 0.00	125.80 6.60 0.00	167.28 10.26 0.00	190.74 11.09 0.10	200.99 12.00 0.45	166.17 10.05 2.05	165.76 10.14 1.77	164.85 9.75 2.24	187.98 10.41 1.12	196.70 11.35 -8.46	175.36 11.72 0.00	161.35 10.86 0.00	170.01 10.82 0.00	177.68 10.89 0.00	176.09 9.50 0.00	158.46 6.92 0.55
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	104.48 3.69 0.00	112.92 3.82 0.00	87.39 3.09 0.00	81.76 2.76 0.00	70.14 2.47 0.00	59.50 2.28 0.00	70.18 2.88 0.00	91.32 3.78 0.00	108.81 4.18 0.00	124.26 5.06 0.00	164.52 7.50 0.00	188.02 8.37 0.10	198.30 9.31 0.45	164.40 8.29 2.05	163.97 8.35 1.77	163.10 8.01 2.24	185.25 7.68 1.12	194.35 9.00 -8.46	173.03 9.39 0.00	159.20 8.71 0.00	167.98 8.79 0.00	175.71 8.93 0.00	174.53 7.93 0.00	158.34 6.25 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	104.52 3.74 0.00	112.97 3.87 0.00	87.41 3.11 0.00	81.78 2.78 0.00	70.16 2.49 0.00	59.52 2.31 0.00	70.21 2.92 0.00	91.36 3.82 0.00	108.87 4.24 0.00	124.35 5.15 0.00	164.63 7.61 0.00	188.14 8.49 0.10	198.43 9.44 0.45	164.48 8.37 2.05	164.10 8.48 1.77	163.20 8.10 2.24	185.36 7.78 1.12	194.48 9.13 -8.46	173.14 9.50 0.00	159.32 8.83 0.00	168.04 8.85 0.00	175.87 9.08 0.00	174.68 8.09 0.00	158.46 6.37 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	104.44 3.65 0.00	112.88 3.78 0.00	87.36 3.06 0.00	81.73 2.73 0.00	70.11 2.44 0.00	59.47 2.26 0.00	70.16 2.86 0.00	91.28 3.74 0.00	108.79 4.15 0.00	124.23 5.03 0.00	164.47 7.45 0.00	187.92 8.28 0.10	198.20 9.21 0.45	164.31 8.19 2.05	163.94 8.32 1.77	163.04 7.95 2.24	185.15 7.57 1.12	194.24 8.89 -8.46	172.92 9.28 0.00	159.10 8.62 0.00	167.84 8.66 0.00	175.63 8.84 0.00	174.45 7.85 0.00	158.30 6.20 0.00
FARRAGUT___LBMP 323566	104.38 3.59 0.00	112.81 3.71 0.00	87.31 3.00 0.00	81.68 2.68 0.00	70.08 2.41 0.00	59.44 2.22 0.00	70.11 2.81 0.00	91.23 3.68 0.00	108.69 4.06 0.00	124.12 4.92 0.00	164.34 7.32 0.00	187.79 8.15 0.10	198.11 9.11 0.45	164.19 8.07 2.05	163.80 8.18 1.77	162.91 7.82 2.24	185.01 7.44 1.12	194.11 8.77 -8.46	172.77 9.13 0.00	158.98 8.49 0.00	167.72 8.54 0.00	175.52 8.73 0.00	174.35 7.75 0.00	158.18 6.09 0.00
FENNER___WINDPWR 24204	104.71 0.91 -3.01	115.94 0.98 -5.86	87.04 0.81 -1.92	80.54 0.81 -0.73	70.14 0.77 -1.69	59.33 0.73 -1.38	71.56 0.90 -3.36	91.40 1.29 -2.56	109.27 1.61 -3.03	123.61 1.67 -2.74	163.73 2.34 -4.36	187.52 2.72 -5.05	194.48 2.83 -2.20	155.65 2.44 4.95	156.01 2.62 3.99	152.50 2.83 7.66	179.66 3.49 2.52	181.03 4.01 -0.13	168.72 3.15 -1.93	153.06 2.57 0.00	162.40 2.09 -1.12	170.28 2.21 -1.28	174.82 2.14 -6.09	159.88 1.55 -6.24
FIBERTEK___ENERGY 23856	98.21 -2.58 0.00	106.63 -2.48 0.00	82.32 -1.98 0.00	77.18 -1.82 0.00	66.08 -1.59 0.00	55.88 -1.34 0.00	65.79 -1.51 0.00	85.66 -1.89 0.00	102.35 -2.29 0.00	116.35 -2.85 0.00	153.40 -3.62 0.00	174.98 -4.48 0.29	183.64 -4.51 1.30	148.73 -3.56 5.88	148.84 -3.48 5.07	147.56 -3.36 6.42	172.17 -3.32 3.20	173.01 -2.67 1.21	161.84 -2.40 -0.60	148.19 -2.29 0.00	156.87 -2.67 -0.35	164.01 -2.78 0.00	163.83 -2.76 0.00	149.20 -2.89 0.00
FITZPATRICK___ 23598	96.14 -4.65 0.00	104.30 -4.80 0.00	80.54 -3.77 0.00	75.49 -3.52 0.00	64.63 -3.04 0.00	54.64 -2.57 0.00	64.27 -3.02 0.00	83.63 -3.91 0.00	99.95 -4.69 0.00	113.69 -5.51 0.00	149.78 -7.24 0.00	171.29 -8.46 0.00	180.60 -8.84 0.00	150.84 -7.32 0.00	150.16 -7.23 0.00	150.13 -7.20 0.00	170.83 -7.86 0.00	169.53 -7.36 0.00	156.80 -6.84 0.00	144.18 -6.30 0.00	152.35 -6.84 0.00	159.65 -7.13 0.00	159.59 -7.00 0.00	145.58 -6.51 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	105.30 4.52 0.00	113.83 4.73 0.00	87.99 3.69 0.00	82.30 3.30 0.00	70.59 2.92 0.00	59.84 2.62 0.00	70.61 3.31 0.00	91.95 4.41 0.00	109.73 5.09 0.00	125.22 6.02 0.00	165.40 8.38 0.00	188.93 9.28 0.10	199.28 10.28 0.45	165.12 9.00 2.05	164.75 9.12 1.77	164.06 8.96 2.24	186.93 9.36 1.11	194.46 10.43 -7.14	174.24 10.61 0.00	160.34 9.86 0.00	169.25 10.06 0.00	177.01 10.22 0.00	175.79 9.19 0.00	159.56 7.47 0.00
FORT ORANGE___ 23900	104.18 3.39 0.00	112.72 3.62 0.00	87.15 2.84 0.00	81.70 2.69 0.00	69.99 2.32 0.00	59.24 2.03 0.00	69.66 2.36 0.00	90.34 2.80 0.00	107.98 3.34 0.00	123.06 3.86 0.00	162.23 5.21 0.00	185.67 5.92 0.00	195.67 6.22 0.00	163.23 5.06 0.00	162.00 4.62 0.00	161.75 4.42 0.00	182.91 4.22 0.00	71.21 5.01 110.69	168.52 4.88 0.00	155.16 4.68 0.00	164.23 5.04 0.00	171.88 5.10 0.00	171.09 4.50 0.00	156.64 4.55 0.00
FORT_DRUM_COGEN 23780	103.59 2.81 0.00	111.72 2.62 0.00	86.41 2.10 0.00	81.01 2.01 0.00	69.13 1.46 0.00	58.47 1.26 0.00	68.74 1.44 0.00	89.56 2.02 0.00	107.73 3.09 0.00	122.84 3.64 0.00	161.57 4.56 0.00	184.56 4.82 0.00	194.11 4.66 0.00	161.70 3.54 0.00	159.75 2.37 0.00	161.17 3.84 0.00	183.96 5.28 0.00	183.55 6.66 0.00	169.40 5.76 0.00	153.04 2.55 0.00	159.20 0.01 0.00	168.56 1.77 0.00	170.29 3.70 0.00	154.29 2.20 0.00
FOX_HILLS___ESR 323835	104.22 3.43 0.00	112.55 3.45 0.00	87.19 2.89 0.00	81.42 2.42 0.00	69.87 2.20 0.00	59.29 2.08 0.00	69.88 2.58 0.00	90.89 3.35 0.00	108.39 3.75 0.00	123.78 4.58 0.00	163.98 6.96 0.00	187.35 7.70 0.10	197.53 8.53 0.45	163.90 7.78 2.05	163.44 7.82 1.77	162.48 7.39 2.24	184.67 7.10 1.12	193.87 8.52 -8.46	172.70 9.06 0.00	158.69 8.20 0.00	167.40 8.21 0.00	174.89 8.10 0.00	173.43 6.84 0.00	157.24 5.15 0.00
FPL_FAR_ROCK_GT1 24212	107.09 6.30 0.00	115.48 6.38 0.00	89.29 4.98 0.00	83.48 4.48 0.00	71.64 3.96 0.00	60.74 3.52 0.00	71.68 4.38 0.00	93.28 5.73 0.00	110.56 5.92 0.00	125.78 6.58 0.00	167.20 10.18 0.00	190.70 11.05 0.10	200.95 11.96 0.45	166.10 9.98 2.05	165.66 10.04 1.77	164.74 9.65 2.24	187.89 10.31 1.11	196.71 11.35 -8.46	175.37 11.73 0.00	161.33 10.84 0.00	170.01 10.82 0.00	177.66 10.88 0.00	176.15 9.55 0.00	158.32 6.78 0.55
FPL_FAR_ROCK_GT2 23815	107.09 6.30 0.00	115.48 6.38 0.00	89.29 4.98 0.00	83.48 4.48 0.00	71.64 3.96 0.00	60.74 3.52 0.00	71.68 4.38 0.00	93.28 5.73 0.00	110.56 5.92 0.00	125.78 6.58 0.00	167.20 10.18 0.00	190.70 11.05 0.10	200.95 11.96 0.45	166.10 9.98 2.05	165.66 10.04 1.77	164.74 9.65 2.24	187.89 10.31 1.11	196.71 11.35 -8.46	175.37 11.73 0.00	161.33 10.84 0.00	170.01 10.82 0.00	177.66 10.88 0.00	176.15 9.55 0.00	158.32 6.78 0.55
FRANKLIN_FALL_HYD 24054	104.39 3.60 0.00	112.30 3.20 0.00	86.85 2.55 0.00	81.53 2.53 0.00	69.81 2.14 0.00	58.77 1.56 0.00	69.02 1.73 0.00	89.84 2.30 0.00	107.70 3.07 0.00	123.36 4.16 0.00	163.93 6.91 0.00	187.92 8.17 0.00	198.08 8.63 0.00	164.27 6.10 0.00	163.28 5.89 0.00	163.09 5.76 0.00	185.32 6.63 0.00	180.80 3.92 0.00	165.55 1.91 0.00	152.47 1.99 0.00	162.13 2.95 0.00	170.21 3.42 0.00	171.02 4.43 0.00	157.11 5.02 0.00

FREEPORT_EQUS_GT1 23764	106.53 5.74 0.00	114.81 5.71 0.00	88.78 4.48 0.00	82.99 3.99 0.00	71.21 3.54 0.00	60.41 3.19 0.00	71.29 3.99 0.00	92.75 5.20 0.00	109.86 5.22 0.00	124.91 5.71 0.00	166.03 9.02 0.00	189.22 9.57 0.10	199.38 10.39 0.45	164.61 8.50 2.05	164.18 8.56 1.77	163.24 8.15 2.24	186.16 8.59 1.12	194.95 9.60 -8.46	173.74 10.10 0.00	159.50 9.01 0.00	168.06 8.88 0.00	175.54 8.76 0.00	170.97 7.36 2.99	141.57 4.86 15.38
FREEPORT___CT2 23818	106.53 5.74 0.00	114.81 5.71 0.00	88.78 4.48 0.00	82.99 3.99 0.00	71.21 3.54 0.00	60.41 3.19 0.00	71.29 3.99 0.00	92.75 5.20 0.00	109.86 5.22 0.00	124.91 5.71 0.00	166.03 9.02 0.00	189.22 9.57 0.10	199.38 10.39 0.45	164.61 8.50 2.05	164.18 8.56 1.77	163.24 8.15 2.24	186.16 8.59 1.12	194.95 9.60 -8.46	173.74 10.10 0.00	159.50 9.01 0.00	168.06 8.88 0.00	175.54 8.76 0.00	170.97 7.36 2.99	141.57 4.86 15.38
FRESHKLS_33_KV_LOAD 356253	104.22 3.43 0.00	112.60 3.50 0.00	87.22 2.92 0.00	81.43 2.43 0.00	69.89 2.22 0.00	59.31 2.10 0.00	69.88 2.58 0.00	90.90 3.35 0.00	108.40 3.76 0.00	123.77 4.57 0.00	163.85 6.83 0.00	187.43 7.78 0.10	197.64 8.65 0.45	163.96 7.85 2.05	163.53 7.91 1.77	162.57 7.48 2.24	184.79 7.22 1.12	193.96 8.61 -8.46	172.82 9.18 0.00	158.81 8.32 0.00	167.54 8.35 0.00	174.90 8.11 0.00	173.38 6.79 0.00	157.21 5.11 0.00
FULTON COGEN____ 23766	96.57 -4.22 0.00	104.76 -4.34 0.00	80.89 -3.42 0.00	75.78 -3.22 0.00	64.88 -2.78 0.00	54.89 -2.33 0.00	64.56 -2.74 0.00	84.02 -3.52 0.00	100.47 -4.17 0.00	114.32 -4.88 0.00	150.70 -6.31 0.00	172.56 -7.40 -0.21	182.70 -7.68 -0.94	156.12 -6.30 -4.25	154.80 -6.25 -3.67	155.81 -6.16 -4.64	174.37 -6.63 -2.31	172.02 -5.87 -1.00	158.20 -5.43 0.00	145.40 -5.09 0.00	153.57 -5.61 0.00	160.83 -5.96 0.00	160.73 -5.86 0.00	146.44 -5.66 0.00
FULTON___LFGE 323630	104.13 3.34 0.00	112.65 3.55 0.00	86.98 2.68 0.00	81.54 2.54 0.00	69.92 2.25 0.00	59.23 2.02 0.00	69.79 2.49 0.00	91.04 3.49 0.00	109.05 4.41 0.00	123.67 4.47 0.00	162.39 5.37 0.00	185.26 5.62 0.11	195.20 6.23 0.47	160.94 4.90 2.13	160.87 5.31 1.83	161.24 6.23 2.32	185.98 8.45 1.16	235.62 8.64 -50.09	171.58 7.94 0.00	157.69 7.20 0.00	166.45 7.26 0.00	174.16 7.37 0.00	173.52 6.92 0.00	157.91 5.82 0.00
G.F.CEMENT___DRP 24184	109.19 8.40 0.00	118.17 9.07 0.00	91.33 7.02 0.00	85.67 6.67 0.00	73.44 5.77 0.00	62.11 4.89 0.00	73.35 6.05 0.00	95.57 8.02 0.00	114.23 9.60 0.00	129.88 10.68 0.00	171.11 14.10 0.00	196.01 16.26 0.00	206.74 17.30 0.00	172.26 14.09 0.00	171.70 14.31 0.00	171.52 14.19 0.00	195.48 16.79 0.00	265.59 16.90 -71.80	179.62 15.98 0.00	165.17 14.68 0.00	174.63 15.45 0.00	183.05 16.26 0.00	181.69 15.10 0.00	165.25 13.16 0.00
GARDENVILLE___LBMP 24039	90.94 -9.85 0.00	101.09 -8.01 0.00	77.42 -6.88 0.00	72.51 -6.49 0.00	61.91 -5.76 0.00	51.73 -5.49 0.00	60.27 -7.03 0.00	78.30 -9.25 0.00	93.58 -11.05 0.00	105.33 -13.87 0.00	138.97 -18.05 0.00	157.95 -21.27 0.52	165.30 -21.82 2.33	129.21 -18.40 10.55	129.47 -18.82 9.10	127.70 -18.12 11.52	153.80 -17.67 7.21	158.12 -15.71 3.06	142.45 -16.24 4.95	107.64 -14.76 28.09	141.93 -16.03 1.23	151.38 -15.40 0.00	155.49 -11.10 0.00	142.51 -9.58 0.00
GARDNVLA_35_KV_LD 355827	91.71 -9.07 0.00	101.86 -7.24 0.00	78.02 -6.28 0.00	73.09 -5.91 0.00	62.42 -5.26 0.00	52.15 -5.07 0.00	60.76 -6.54 0.00	78.93 -8.61 0.00	94.44 -10.20 0.00	106.28 -12.92 0.00	140.28 -16.74 0.00	159.51 -19.71 0.52	167.06 -20.06 2.33	130.66 -16.97 10.54	130.83 -17.47 9.09	129.10 -16.73 11.51	155.80 -16.01 6.88	160.02 -13.82 3.05	145.01 -14.34 4.29	115.53 -13.11 21.85	143.70 -14.28 1.21	153.13 -13.66 0.00	157.10 -9.50 0.00	144.03 -8.06 0.00
GELCKHM___115KV_LOAD 80723	97.66 -3.13 0.00	106.02 -3.08 0.00	81.87 -2.43 0.00	76.70 -2.30 0.00	65.68 -1.99 0.00	55.54 -1.68 0.00	65.34 -1.96 0.00	85.04 -2.51 0.00	101.63 -3.01 0.00	115.56 -3.64 0.00	152.31 -4.70 0.00	173.72 -5.64 0.38	181.95 -5.80 1.69	145.82 -4.68 7.67	146.18 -4.59 6.62	144.45 -4.50 8.38	169.90 -4.62 4.18	171.11 -3.98 1.80	159.96 -3.68 0.00	147.02 -3.47 0.00	155.31 -3.88 0.00	162.75 -4.04 0.00	162.69 -3.90 0.00	148.20 -3.89 0.00
GENERAL___MILLS 23808	91.35 -9.43 0.00	101.52 -7.58 0.00	77.76 -6.55 0.00	72.84 -6.16 0.00	62.21 -5.46 0.00	51.95 -5.26 0.00	60.54 -6.76 0.00	78.65 -8.90 0.00	94.05 -10.58 0.00	105.84 -13.36 0.00	139.66 -17.35 0.00	158.79 -20.43 0.52	166.21 -20.92 2.33	129.92 -17.71 10.54	130.24 -18.06 9.09	128.45 -17.37 11.51	154.90 -16.85 6.93	159.12 -14.72 3.05	143.97 -15.28 4.39	113.77 -13.91 22.81	142.81 -15.17 1.21	152.24 -14.54 0.00	156.35 -10.25 0.00	143.42 -8.67 0.00
GE_PLASTICS___DRP 24183	103.70 2.92 0.00	112.25 3.15 0.00	86.78 2.47 0.00	81.31 2.31 0.00	69.69 2.01 0.00	58.97 1.75 0.00	69.36 2.07 0.00	90.03 2.49 0.00	107.53 2.90 0.00	122.56 3.36 0.00	161.53 4.51 0.00	184.87 5.12 0.00	194.88 5.44 0.00	162.70 4.54 0.00	161.70 4.32 0.00	161.42 4.09 0.00	182.54 3.85 0.00	113.88 4.39 67.39	168.02 4.38 0.00	154.75 4.27 0.00	163.71 4.52 0.00	171.44 4.65 0.00	170.74 4.15 0.00	156.12 4.03 0.00
GILBOA___1 23756	105.82 1.92 -3.11	117.24 2.08 -6.06	87.96 1.67 -1.99	81.24 1.49 -0.75	70.72 1.29 -1.75	59.81 1.17 -1.43	72.21 1.45 -3.47	92.08 1.89 -2.65	109.88 2.11 -3.13	124.46 2.42 -2.83	164.94 3.41 -4.51	188.92 3.67 -5.50	196.75 3.80 -3.51	162.02 3.36 -0.49	161.80 3.71 -0.71	159.10 3.56 1.79	182.33 3.20 -0.45	182.68 3.20 -2.59	167.32 3.68 0.00	154.22 3.73 0.00	163.32 4.13 0.00	172.33 4.22 -1.32	176.63 3.74 -6.29	161.59 3.05 -6.45
GILBOA___2 23757	105.82 1.92 -3.11	117.24 2.08 -6.06	87.96 1.67 -1.99	81.24 1.49 -0.75	70.72 1.29 -1.75	59.81 1.17 -1.43	72.21 1.45 -3.47	92.08 1.89 -2.65	109.88 2.11 -3.13	124.46 2.42 -2.83	164.94 3.41 -4.51	188.92 3.67 -5.50	196.75 3.80 -3.51	162.02 3.36 -0.49	161.80 3.71 -0.71	159.10 3.56 1.79	182.33 3.20 -0.45	182.68 3.20 -2.59	167.32 3.68 0.00	154.22 3.73 0.00	163.32 4.13 0.00	172.33 4.22 -1.32	176.63 3.74 -6.29	161.59 3.05 -6.45
GILBOA___3 23758	105.82 1.92 -3.11	117.24 2.08 -6.06	87.96 1.67 -1.99	81.24 1.49 -0.75	70.72 1.29 -1.75	59.81 1.17 -1.43	72.21 1.45 -3.47	92.08 1.89 -2.65	109.88 2.11 -3.13	124.46 2.42 -2.83	164.94 3.41 -4.51	188.92 3.67 -5.50	196.75 3.80 -3.51	162.02 3.36 -0.49	161.80 3.71 -0.71	159.10 3.56 1.79	182.33 3.20 -0.45	182.68 3.20 -2.59	167.32 3.68 0.00	154.22 3.73 0.00	163.32 4.13 0.00	172.33 4.22 -1.32	176.63 3.74 -6.29	161.59 3.05 -6.45
GILBOA___4 23759	105.82 1.92 -3.11	117.24 2.08 -6.06	87.96 1.67 -1.99	81.24 1.49 -0.75	70.72 1.29 -1.75	59.81 1.17 -1.43	72.21 1.45 -3.47	92.08 1.89 -2.65	109.88 2.11 -3.13	124.46 2.42 -2.83	164.94 3.41 -4.51	188.92 3.67 -5.50	196.75 3.80 -3.51	162.02 3.36 -0.49	161.80 3.71 -0.71	159.10 3.56 1.79	182.33 3.20 -0.45	182.68 3.20 -2.59	167.32 3.68 0.00	154.22 3.73 0.00	163.32 4.13 0.00	172.33 4.22 -1.32	176.63 3.74 -6.29	161.59 3.05 -6.45

GILBOA____ 23599	102.71 1.93 0.00	111.21 2.11 0.00	85.97 1.67 0.00	80.50 1.50 0.00	68.97 1.30 0.00	58.38 1.17 0.00	68.75 1.45 0.00	89.43 1.89 0.00	106.76 2.12 0.00	121.63 2.43 0.00	160.44 3.43 0.00	183.34 3.72 0.12	192.74 3.84 0.55	159.05 3.36 2.48	158.98 3.74 2.14	158.22 3.60 2.71	180.56 3.22 1.35	181.18 3.18 -1.11	167.32 3.68 0.00	154.24 3.76 0.00	163.32 4.14 0.00	171.05 4.26 0.00	170.31 3.72 0.00	155.15 3.05 0.00
GINNA____ 23603	76.67 -9.87 14.24	71.82 -9.53 27.76	67.52 -7.69 9.10	68.43 -7.12 3.45	53.49 -6.16 8.02	45.26 -5.40 6.55	44.90 -6.51 15.89	66.92 -8.49 12.13	80.17 -10.13 14.34	93.73 -12.48 12.99	119.74 -16.62 20.66	134.29 -19.18 26.29	148.67 -19.87 20.91	117.63 -16.43 24.10	119.07 -16.23 22.09	125.33 -16.07 15.93	147.84 -16.43 14.42	152.84 -14.64 9.41	148.50 -14.18 0.96	133.81 -12.96 3.72	144.42 -14.43 0.34	145.58 -15.15 6.06	123.99 -13.79 28.81	110.15 -12.42 29.52
GLEN PARK____ 23778	103.63 2.85 0.00	111.76 2.67 0.00	86.45 2.14 0.00	81.03 2.03 0.00	69.18 1.51 0.00	58.52 1.31 0.00	68.81 1.51 0.00	89.67 2.12 0.00	107.88 3.25 0.00	122.97 3.77 0.00	161.73 4.72 0.00	184.73 4.98 0.00	194.26 4.81 0.00	161.90 3.74 0.00	159.99 2.60 0.00	161.43 4.09 0.00	184.43 5.74 0.00	184.14 7.25 0.00	169.92 6.28 0.00	153.58 3.09 0.00	159.83 0.64 0.00	169.10 2.31 0.00	170.70 4.11 0.00	154.66 2.56 0.00
GLENDAL_27_KV_LOAD 356172	104.65 3.86 0.00	113.01 3.91 0.00	87.52 3.22 0.00	81.92 2.92 0.00	70.28 2.61 0.00	59.63 2.42 0.00	70.35 3.05 0.00	91.49 3.94 0.00	109.07 4.43 0.00	124.57 5.37 0.00	165.19 8.17 0.00	188.58 8.93 0.10	198.85 9.86 0.45	164.98 8.86 2.05	164.54 8.92 1.77	163.64 8.55 2.24	185.94 8.37 1.12	195.17 9.82 -8.46	173.84 10.21 0.00	159.79 9.30 0.00	168.61 9.43 0.00	176.23 9.45 0.00	175.01 8.42 0.00	158.68 6.59 0.00
GLENWOOD_IC_1_G5 23712	105.55 4.76 0.00	113.95 4.85 0.00	88.12 3.82 0.00	82.41 3.40 0.00	70.70 3.03 0.00	59.96 2.74 0.00	70.73 3.43 0.00	92.07 4.52 0.00	109.38 4.74 0.00	124.60 5.40 0.00	165.29 8.28 0.00	188.59 8.94 0.10	198.81 9.81 0.45	164.43 8.31 2.05	164.04 8.42 1.77	163.13 8.04 2.24	185.79 8.22 1.12	194.62 9.27 -8.46	173.29 9.65 0.00	159.36 8.87 0.00	168.13 8.94 0.00	175.76 8.98 0.00	172.55 7.73 1.78	148.42 5.69 9.36
GLENWOOD_IC_2_G1 23688	105.00 4.21 0.00	113.41 4.32 0.00	87.74 3.44 0.00	82.04 3.04 0.00	70.38 2.71 0.00	59.69 2.48 0.00	70.40 3.10 0.00	91.61 4.06 0.00	108.94 4.30 0.00	124.18 4.98 0.00	164.57 7.55 0.00	187.80 8.16 0.10	198.05 9.05 0.45	163.91 7.79 2.05	163.46 7.85 1.77	162.61 7.51 2.24	185.02 7.45 1.12	193.94 8.59 -8.46	172.70 9.06 0.00	158.84 8.35 0.00	167.63 8.44 0.00	175.29 8.51 0.00	174.05 7.46 0.00	157.54 5.43 -0.02
GLENWOOD_IC_3_G1 23689	105.00 4.21 0.00	113.41 4.32 0.00	87.74 3.44 0.00	82.04 3.04 0.00	70.38 2.71 0.00	59.69 2.48 0.00	70.40 3.10 0.00	91.61 4.06 0.00	108.94 4.30 0.00	124.18 4.98 0.00	164.57 7.55 0.00	187.80 8.16 0.10	198.05 9.05 0.45	163.91 7.79 2.05	163.46 7.85 1.77	162.61 7.51 2.24	185.02 7.45 1.12	193.94 8.59 -8.46	172.70 9.06 0.00	158.84 8.35 0.00	167.63 8.44 0.00	175.29 8.51 0.00	174.05 7.46 0.00	157.54 5.43 -0.02
GLENWOOD____4 23550	105.55 4.76 0.00	113.95 4.85 0.00	88.12 3.82 0.00	82.41 3.40 0.00	70.70 3.03 0.00	59.96 2.74 0.00	70.73 3.43 0.00	92.07 4.52 0.00	109.38 4.74 0.00	124.60 5.40 0.00	165.29 8.28 0.00	188.59 8.94 0.10	198.81 9.81 0.45	164.43 8.31 2.05	164.04 8.42 1.77	163.13 8.04 2.24	185.79 8.22 1.12	194.62 9.27 -8.46	173.29 9.65 0.00	159.40 8.91 0.00	168.13 8.94 0.00	175.76 8.98 0.00	172.55 7.73 1.78	148.42 5.69 9.36
GLENWOOD____5 23614	105.55 4.76 0.00	113.95 4.85 0.00	88.12 3.82 0.00	82.41 3.40 0.00	70.70 3.03 0.00	59.96 2.74 0.00	70.73 3.43 0.00	92.07 4.52 0.00	109.38 4.74 0.00	124.60 5.40 0.00	165.29 8.28 0.00	188.59 8.94 0.10	198.81 9.81 0.45	164.43 8.31 2.05	164.04 8.42 1.77	163.13 8.04 2.24	185.79 8.22 1.12	194.62 9.27 -8.46	173.29 9.65 0.00	159.40 8.91 0.00	168.13 8.94 0.00	175.76 8.98 0.00	172.55 7.73 1.78	148.42 5.69 9.36
GLOBAL GREEN_PORT_GT1 23814	208.05 9.18 -98.08	161.48 9.81 -42.57	164.93 8.17 -72.45	87.96 7.45 -1.50	86.26 6.60 -11.99	274.61 5.64 -211.75	121.53 6.85 -47.38	177.28 9.27 -80.47	272.48 10.07 -157.78	262.90 10.90 -132.80	281.08 14.16 -109.90	269.22 15.11 -74.36	261.17 14.32 -57.40	222.27 9.61 -54.49	175.50 7.47 -10.64	160.90 5.42 1.85	187.05 6.52 -1.84	204.50 7.86 -19.76	173.55 8.87 -1.04	260.37 9.07 -100.82	174.22 7.54 -7.49	228.08 7.07 -54.22	173.60 6.81 -0.19	126.46 3.86 29.49
GLOBE____DSASP 323697	88.08 -12.71 0.00	98.07 -11.03 0.00	75.13 -9.18 0.00	70.53 -8.47 0.00	60.21 -7.46 0.00	50.20 -7.02 0.00	58.34 -8.96 0.00	75.68 -11.87 0.00	90.39 -14.25 0.00	101.22 -17.98 0.00	133.03 -23.99 0.00	151.42 -27.80 0.53	158.37 -28.72 2.35	123.32 -24.19 10.65	123.76 -24.44 9.19	121.74 -23.96 11.63	147.75 -24.18 6.76	152.19 -21.72 2.97	138.26 -21.81 3.57	113.14 -18.94 18.41	136.44 -21.75 0.99	145.37 -21.42 0.00	150.24 -16.35 0.00	138.29 -13.80 0.00
GOETHSLN____LBMP 323567	103.85 3.06 0.00	112.26 3.16 0.00	86.89 2.59 0.00	81.28 2.28 0.00	69.75 2.08 0.00	59.17 1.96 0.00	69.77 2.48 0.00	90.79 3.25 0.00	108.17 3.53 0.00	123.57 4.37 0.00	163.46 6.44 0.00	186.70 7.05 0.10	196.89 7.90 0.46	163.23 7.11 2.05	162.84 7.22 1.77	161.94 6.86 2.25	183.94 6.37 1.12	193.13 7.78 -8.46	171.87 8.23 0.00	158.18 7.69 0.00	166.88 7.69 0.00	174.63 7.84 0.00	173.50 6.91 0.00	157.40 5.31 0.00
GOLAH____69_KV_TB 1_2 80279	94.51 -6.27 0.00	104.04 -5.06 0.00	79.90 -4.40 0.00	74.94 -4.06 0.00	64.11 -3.56 0.00	53.84 -3.38 0.00	63.01 -4.28 0.00	81.97 -5.58 0.00	97.97 -6.66 0.00	110.25 -8.94 0.00	144.71 -12.31 0.00	164.61 -14.61 0.53	171.96 -15.14 2.34	135.28 -12.29 10.60	135.89 -12.36 9.14	133.51 -12.25 11.57	161.38 -11.35 5.96	165.41 -8.73 2.75	153.32 -8.99 1.32	138.46 -8.27 3.76	149.26 -9.38 0.55	157.03 -9.76 0.00	159.26 -7.33 0.00	145.58 -6.52 0.00
GOODYEAR_LAKE_HYD 323669	102.31 1.52 0.00	110.80 1.70 0.00	85.52 1.21 0.00	80.09 1.09 0.00	68.56 0.88 0.00	58.09 0.87 0.00	68.52 1.22 0.00	89.30 1.76 0.00	106.69 2.05 0.00	121.44 2.24 0.00	160.20 3.18 0.00	183.08 3.56 0.23	192.23 3.79 1.01	156.73 3.14 4.57	156.75 3.31 3.94	155.85 3.52 5.00	180.24 4.04 2.49	195.44 4.38 -14.18	168.18 4.54 0.00	154.71 4.23 0.00	163.38 4.19 0.00	170.90 4.12 0.00	170.35 3.75 0.00	154.80 2.71 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	99.30 -1.49 0.00	107.95 -1.16 0.00	83.32 -0.99 0.00	77.97 -1.03 0.00	66.65 -1.03 0.00	56.36 -0.85 0.00	66.31 -0.99 0.00	86.40 -1.15 0.00	103.03 -1.61 0.00	117.14 -2.06 0.00	154.80 -2.22 0.00	176.22 -3.07 0.46	184.09 -3.30 2.05	146.36 -2.50 9.30	147.11 -2.25 8.02	144.92 -2.25 10.15	171.84 -2.05 4.80	174.00 -1.64 1.24	161.67 -1.37 0.60	154.32 -1.23 -5.06	157.25 -1.29 0.65	165.75 -1.04 0.00	165.68 -0.91 0.00	150.60 -1.49 0.00

GOUDEY___7 23579	99.30 -1.49 0.00	107.95 -1.16 0.00	83.32 -0.99 0.00	77.97 -1.03 0.00	66.65 -1.03 0.00	56.36 -0.85 0.00	66.31 -0.99 0.00	86.40 -1.15 0.00	103.03 -1.61 0.00	117.14 -2.06 0.00	154.80 -2.22 0.00	176.22 -3.07 0.46	184.09 -3.30 2.05	146.36 -2.50 9.30	147.11 -2.25 8.02	144.92 -2.25 10.15	171.84 -2.05 4.80	174.00 -1.64 1.24	161.67 -1.37 0.60	154.32 -1.23 -5.06	157.25 -1.29 0.65	165.75 -1.04 0.00	165.68 -0.91 0.00	150.60 -1.49 0.00
GOUDEY___8 23580	99.30 -1.49 0.00	107.95 -1.16 0.00	83.32 -0.99 0.00	77.97 -1.03 0.00	66.65 -1.03 0.00	56.36 -0.85 0.00	66.31 -0.99 0.00	86.40 -1.15 0.00	103.03 -1.61 0.00	117.14 -2.06 0.00	154.80 -2.22 0.00	176.22 -3.07 0.46	184.09 -3.30 2.05	146.36 -2.50 9.30	147.11 -2.25 8.02	144.92 -2.25 10.15	171.84 -2.05 4.80	174.00 -1.64 1.24	161.67 -1.37 0.60	154.32 -1.23 -5.06	157.25 -1.29 0.65	165.75 -1.04 0.00	165.68 -0.91 0.00	150.60 -1.49 0.00
GOWANUS_GT1_1 24077	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT1_2 24078	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT1_3 24079	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT1_4 24080	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT1_5 24084	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT1_6 24111	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT1_7 24112	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT1_8 24113	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT2_1 24114	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT2_2 24115	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT2_3 24116	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT2_4 24117	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT2_5 24118	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00

GOWANUS_GT2_6 24119	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT2_7 24120	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT2_8 24121	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT3_1 24122	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT3_2 24123	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT3_3 24124	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT3_4 24125	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT3_5 24126	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT3_6 24127	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT3_7 24128	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT3_8 24129	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
GOWANUS_GT4_1 24130	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT4_2 24131	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT4_3 24132	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT4_4 24133	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00

GOWANUS_GT4_5 24134	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT4_6 24135	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT4_7 24136	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GOWANUS_GT4_8 24137	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GREATVR_69_KV_BK1 356245	152.31 7.01 -44.52	135.62 7.20 -19.32	122.77 5.58 -32.89	84.83 5.15 -0.68	77.55 4.43 -5.44	157.24 3.91 -96.12	93.65 4.84 -21.51	130.38 6.32 -36.52	182.71 6.46 -71.61	186.15 6.67 -60.28	218.24 10.45 -50.77	224.90 10.82 -34.33	229.64 11.81 -28.39	193.17 9.51 -25.49	171.60 9.24 -4.97	164.21 8.83 1.95	188.90 9.61 -0.61	202.71 10.51 -15.32	175.39 10.99 -0.77	206.01 9.90 -45.62	171.96 9.35 -3.42	200.84 9.52 -24.53	171.63 7.86 2.83	128.49 4.71 28.31
GREENBSH_115KV_TB3 55895	104.12 3.33 0.00	112.72 3.62 0.00	87.14 2.84 0.00	81.68 2.68 0.00	69.97 2.30 0.00	59.23 2.01 0.00	69.61 2.31 0.00	90.23 2.69 0.00	107.79 3.16 0.00	122.84 3.64 0.00	161.91 4.89 0.00	185.38 5.63 0.00	195.37 5.92 0.00	163.07 4.91 0.00	161.85 4.46 0.00	161.52 4.19 0.00	182.39 3.70 0.00	63.53 4.38 117.74	167.96 4.32 0.00	154.75 4.26 0.00	163.75 4.57 0.00	171.44 4.65 0.00	170.71 4.11 0.00	156.37 4.28 0.00
GREENDGE_115KV_TB5 80291	94.89 -5.89 0.00	103.78 -5.32 0.00	80.06 -4.24 0.00	74.89 -4.12 0.00	64.19 -3.49 0.00	54.70 -2.51 0.00	63.76 -3.53 0.00	82.60 -4.94 0.00	98.33 -6.31 0.00	111.85 -7.35 0.00	150.44 -6.58 0.00	172.01 -7.24 0.49	178.47 -8.79 2.19	138.80 -9.44 9.93	139.11 -9.71 8.56	138.03 -8.46 10.84	167.97 -8.26 2.46	163.75 -8.72 4.42	149.19 -9.47 4.98	197.56 -8.78 -55.86	144.47 -8.54 6.17	159.73 -7.06 0.00	160.21 -6.38 0.00	144.47 -7.63 0.00
GREENIDGE___3 23582	94.89 -5.89 0.00	103.78 -5.32 0.00	80.06 -4.24 0.00	74.89 -4.12 0.00	64.19 -3.49 0.00	54.70 -2.51 0.00	63.76 -3.53 0.00	82.60 -4.94 0.00	98.33 -6.31 0.00	111.85 -7.35 0.00	150.44 -6.58 0.00	172.01 -7.24 0.49	178.47 -8.79 2.19	138.80 -9.44 9.93	139.11 -9.71 8.56	138.03 -8.46 10.84	167.97 -8.26 2.46	163.75 -8.72 4.42	149.19 -9.47 4.98	197.56 -8.78 -55.86	144.47 -8.54 6.17	159.73 -7.06 0.00	160.21 -6.38 0.00	144.47 -7.63 0.00
GREENIDGE___4 23583	110.64 -5.89 -15.74	134.38 -5.38 -30.67	90.11 -4.25 -10.05	78.72 -4.10 -3.81	73.03 -3.50 -8.86	61.91 -2.54 -7.23	81.30 -3.55 -17.55	96.01 -4.94 -13.41	114.18 -6.30 -15.85	126.19 -7.36 -14.35	173.20 -6.65 -22.83	200.42 -7.31 -27.97	199.01 -8.79 -18.35	153.85 -9.43 -5.11	153.49 -9.74 -5.84	143.06 -8.49 5.78	177.53 -8.21 -7.06	171.15 -8.82 -3.08	149.16 -9.49 4.98	197.52 -8.83 -55.86	144.49 -8.53 6.17	166.41 -7.07 -6.69	191.94 -6.49 -31.84	177.03 -7.69 -32.63
GREENLWN_69_KV_BK 3 55738	94.16 5.46 12.09	109.26 5.41 5.25	79.75 4.38 8.93	82.68 3.86 0.18	69.64 3.45 1.48	34.25 3.13 26.10	65.35 3.89 5.84	82.75 5.10 9.90	89.97 4.74 19.41	107.31 4.49 16.37	148.06 6.93 15.88	175.35 6.53 10.93	181.91 6.84 14.37	149.41 5.21 13.97	156.32 5.14 6.21	159.43 4.68 2.58	180.67 4.47 2.49	184.89 5.48 -2.52	168.94 6.20 0.91	143.88 5.86 12.47	163.57 5.38 1.00	165.40 5.32 6.71	163.92 3.80 6.47	125.29 1.92 28.72
GREENWD_138_KV_38B11_REV_LBMP_J 345004	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00
GRISSOM___SOLAR 323813	104.61 3.82 0.00	113.18 4.08 0.00	87.41 3.11 0.00	81.94 2.94 0.00	70.26 2.59 0.00	59.50 2.29 0.00	70.10 2.80 0.00	91.43 3.88 0.00	109.45 4.81 0.00	124.03 4.83 0.00	162.81 5.79 0.00	185.64 5.99 0.10	195.67 6.68 0.45	161.51 5.39 2.06	161.61 5.99 1.77	161.77 6.68 2.24	186.64 9.06 1.12	237.30 9.30 -51.11	172.28 8.64 0.00	158.36 7.87 0.00	167.21 8.02 0.00	174.95 8.16 0.00	174.30 7.70 0.00	158.60 6.51 0.00
GROVEVILLE___HYD 323602	105.30 4.52 0.00	113.83 4.73 0.00	87.99 3.69 0.00	82.30 3.30 0.00	70.59 2.92 0.00	59.84 2.62 0.00	70.61 3.31 0.00	91.95 4.41 0.00	109.73 5.09 0.00	125.22 6.02 0.00	165.40 8.38 0.00	188.93 9.28 0.10	199.28 10.28 0.45	165.12 9.00 2.05	164.75 9.12 1.77	164.06 8.96 2.24	186.93 9.36 1.11	194.46 10.43 -7.14	174.24 10.61 0.00	160.34 9.86 0.00	169.25 10.06 0.00	177.01 10.22 0.00	175.79 9.19 0.00	159.56 7.47 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	98.21 -2.58 0.00	106.63 -2.48 0.00	82.32 -1.98 0.00	77.18 -1.82 0.00	66.08 -1.59 0.00	55.88 -1.34 0.00	65.79 -1.51 0.00	85.66 -1.89 0.00	102.35 -2.29 0.00	116.35 -2.85 0.00	153.40 -3.62 0.00	174.98 -4.48 0.29	183.64 -4.51 1.30	148.73 -3.56 5.88	148.84 -3.48 5.07	147.56 -3.36 6.42	172.17 -3.32 3.20	173.01 -2.67 1.21	161.84 -2.40 -0.60	148.19 -2.29 0.00	156.87 -2.67 -0.35	164.01 -2.78 0.00	163.83 -2.76 0.00	149.20 -2.89 0.00
HAMLTNNY_34_KV_TB 80303	98.07 -2.72 0.00	106.56 -2.54 0.00	82.26 -2.04 0.00	77.13 -1.87 0.00	66.03 -1.64 0.00	55.80 -1.41 0.00	65.69 -1.60 0.00	85.55 -2.00 0.00	102.20 -2.44 0.00	115.90 -3.31 0.00	152.66 -4.36 0.00	174.13 -5.31 0.30	182.85 -5.24 1.35	148.02 -4.02 6.13	148.17 -3.93 5.29	146.86 -3.78 6.69	171.78 -3.57 3.33	172.84 -2.77 1.28	161.85 -2.37 -0.58	148.21 -2.28 0.00	156.73 -2.80 -0.34	163.90 -2.88 0.00	163.89 -2.70 0.00	149.31 -2.78 0.00

HAMPSHIRE___PAPER_HYD 323593	103.31 2.52 0.00	111.61 2.51 0.00	86.26 1.96 0.00	80.87 1.87 0.00	68.96 1.29 0.00	58.04 0.82 0.00	68.11 0.81 0.00	88.62 1.08 0.00	106.40 1.76 0.00	121.58 2.38 0.00	160.36 3.35 0.00	183.74 3.99 0.00	193.28 3.84 0.00	160.86 2.69 0.00	159.23 1.85 0.00	159.69 2.36 0.00	180.91 2.22 0.00	178.60 1.71 0.00	164.61 0.96 0.00	149.99 -0.50 0.00	157.32 -1.87 0.00	165.67 -1.11 0.00	167.45 0.86 0.00	153.45 1.35 0.00
HARDSCRABBLE_WT_PWR 323673	105.74 4.95 0.00	114.07 4.97 0.00	88.23 3.93 0.00	82.93 3.93 0.00	71.16 3.49 0.00	60.34 3.12 0.00	71.11 3.81 0.00	92.74 5.20 0.00	111.12 6.49 0.00	125.88 6.68 0.00	165.76 8.74 0.00	189.09 9.34 0.00	198.88 9.43 0.00	165.77 7.60 0.00	165.51 8.12 0.00	166.12 8.79 0.00	188.21 9.52 0.00	186.40 9.50 0.00	172.47 8.83 0.00	158.94 8.45 0.00	168.49 9.30 0.00	176.30 9.51 0.00	174.55 7.96 0.00	158.76 6.67 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	104.13 3.34 0.00	112.64 3.54 0.00	87.05 2.74 0.00	81.38 2.38 0.00	69.79 2.12 0.00	59.14 1.92 0.00	69.78 2.49 0.00	90.89 3.35 0.00	108.44 3.80 0.00	123.81 4.61 0.00	163.62 6.60 0.00	186.98 7.34 0.11	197.09 8.11 0.47	163.25 7.21 2.13	162.92 7.37 1.83	162.12 7.11 2.32	184.65 7.12 1.16	192.53 8.34 -7.30	172.22 8.58 0.00	158.39 7.90 0.00	167.24 8.05 0.00	174.97 8.19 0.00	173.79 7.20 0.00	157.76 5.67 0.00
HARSNRAD_115KV_TB1 81005	88.35 -12.44 0.00	98.70 -10.40 0.00	75.30 -9.01 0.00	70.60 -8.40 0.00	60.38 -7.29 0.00	50.33 -6.89 0.00	58.42 -8.87 0.00	75.94 -11.61 0.00	90.70 -13.94 0.00	101.73 -17.47 0.00	133.79 -23.23 0.00	152.13 -27.08 0.54	159.16 -27.94 2.34	123.82 -23.73 10.61	124.04 -24.20 9.15	122.02 -23.72 11.59	147.88 -23.85 6.96	153.11 -20.83 2.96	139.42 -20.67 3.55	113.15 -18.80 18.53	137.71 -20.51 0.97	146.22 -20.57 0.00	151.00 -15.59 0.00	138.39 -13.70 0.00
HARZA MOOSE___RIVER 24016	103.56 2.77 0.00	111.87 2.77 0.00	86.46 2.15 0.00	81.10 2.10 0.00	69.36 1.69 0.00	58.65 1.43 0.00	69.04 1.74 0.00	89.93 2.39 0.00	107.87 3.24 0.00	123.01 3.81 0.00	162.03 5.01 0.00	185.25 5.62 0.12	194.40 5.48 0.53	160.13 4.35 2.39	158.92 3.59 2.06	159.25 4.52 2.61	182.61 5.22 1.30	182.08 5.75 0.56	168.74 5.09 0.00	153.72 3.24 0.00	160.82 1.63 0.00	169.35 2.57 0.00	170.33 3.73 0.00	154.76 2.67 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	97.51 -3.28 0.00	105.88 -3.22 0.00	81.75 -2.55 0.00	76.58 -2.42 0.00	65.56 -2.11 0.00	55.45 -1.76 0.00	65.26 -2.04 0.00	84.93 -2.62 0.00	101.48 -3.16 0.00	115.40 -3.80 0.00	152.17 -4.85 0.00	173.35 -5.81 0.59	180.85 -5.99 2.61	141.52 -4.84 11.81	142.46 -4.75 10.18	139.82 -4.78 12.89	167.48 -4.78 6.42	169.96 -4.16 2.77	159.81 -3.83 0.00	146.88 -3.61 0.00	155.23 -3.95 0.00	162.60 -4.18 0.00	162.52 -4.07 0.00	148.01 -4.08 0.00
HELLGATE_13_KV_LD 55870	104.77 3.98 0.00	113.12 4.02 0.00	87.64 3.34 0.00	82.02 3.02 0.00	70.36 2.69 0.00	59.71 2.49 0.00	70.45 3.16 0.00	91.60 4.05 0.00	109.21 4.57 0.00	124.75 5.55 0.00	165.47 8.46 0.00	188.86 9.21 0.10	199.18 10.19 0.45	165.35 9.23 2.05	164.91 9.29 1.77	163.95 8.86 2.24	186.33 8.76 1.12	195.54 10.19 -8.46	174.20 10.56 0.00	160.11 9.63 0.00	168.88 9.69 0.00	176.50 9.71 0.00	175.26 8.67 0.00	158.90 6.81 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	104.77 3.98 0.00	113.12 4.02 0.00	87.64 3.34 0.00	82.02 3.02 0.00	70.36 2.69 0.00	59.71 2.49 0.00	70.45 3.16 0.00	91.60 4.05 0.00	109.21 4.57 0.00	124.75 5.55 0.00	165.47 8.46 0.00	188.86 9.21 0.10	199.18 10.19 0.45	165.35 9.23 2.05	164.91 9.29 1.77	163.95 8.86 2.24	186.33 8.76 1.12	195.54 10.19 -8.46	174.20 10.56 0.00	160.11 9.63 0.00	168.88 9.69 0.00	176.50 9.71 0.00	175.26 8.67 0.00	158.90 6.81 0.00
HEMPSTEAD____ 23647	105.52 4.73 0.00	113.80 4.70 0.00	88.04 3.73 0.00	82.29 3.29 0.00	70.62 2.95 0.00	59.91 2.70 0.00	70.67 3.37 0.00	91.97 4.42 0.00	109.05 4.42 0.00	124.05 4.85 0.00	164.67 7.66 0.00	187.65 8.01 0.10	197.83 8.83 0.45	163.33 7.21 2.05	162.93 7.31 1.77	161.96 6.87 2.24	184.55 6.98 1.12	193.40 8.04 -8.46	172.20 8.56 0.00	158.31 7.83 0.00	166.89 7.70 0.00	174.40 7.62 0.00	170.22 6.34 2.71	142.18 4.09 14.00
HICKLING___1 23621	95.59 -5.20 0.00	104.65 -4.45 0.00	80.70 -3.61 0.00	75.39 -3.61 0.00	64.33 -3.34 0.00	54.31 -2.91 0.00	63.68 -3.62 0.00	82.98 -4.57 0.00	98.65 -5.98 0.00	112.34 -6.86 0.00	149.42 -7.59 0.00	169.61 -9.65 0.49	176.63 -10.64 2.17	139.56 -8.78 9.83	140.48 -8.43 8.48	138.55 -8.05 10.74	166.21 -8.15 4.33	164.80 -8.83 3.25	149.77 -9.10 4.77	160.58 -8.47 -18.56	147.21 -8.07 3.91	160.23 -6.56 0.00	161.05 -5.54 0.00	145.66 -6.44 0.00
HICKLING___2 23622	95.59 -5.20 0.00	104.65 -4.45 0.00	80.70 -3.61 0.00	75.39 -3.61 0.00	64.33 -3.34 0.00	54.31 -2.91 0.00	63.68 -3.62 0.00	82.98 -4.57 0.00	98.65 -5.98 0.00	112.34 -6.86 0.00	149.42 -7.59 0.00	169.61 -9.65 0.49	176.63 -10.64 2.17	139.56 -8.78 9.83	140.48 -8.43 8.48	138.55 -8.05 10.74	166.21 -8.15 4.33	164.80 -8.83 3.25	149.77 -9.10 4.77	160.58 -8.47 -18.56	147.21 -8.07 3.91	160.23 -6.56 0.00	161.05 -5.54 0.00	145.66 -6.44 0.00
HIGH FALLS___HY 23754	104.89 4.10 0.00	113.35 4.25 0.00	87.59 3.28 0.00	81.85 2.85 0.00	70.22 2.56 0.00	59.55 2.33 0.00	70.34 3.04 0.00	91.70 4.16 0.00	109.54 4.90 0.00	125.07 5.87 0.00	165.25 8.24 0.00	188.61 8.97 0.10	199.05 10.05 0.45	164.93 8.80 2.04	164.60 8.98 1.76	164.12 9.01 2.23	187.06 9.48 1.11	182.35 10.67 5.21	174.62 10.98 0.00	160.61 10.13 0.00	169.48 10.29 0.00	177.16 10.37 0.00	175.84 9.25 0.00	159.30 7.20 0.00
HIGH_RIVER___SOLAR 323847	104.02 3.23 0.00	112.59 3.48 0.00	86.92 2.62 0.00	81.53 2.53 0.00	69.88 2.20 0.00	59.17 1.96 0.00	69.71 2.41 0.00	90.84 3.29 0.00	108.69 4.05 0.00	123.06 3.87 0.00	161.07 4.05 0.00	183.83 4.18 0.10	193.64 4.62 0.44	159.66 3.48 1.98	159.98 4.30 1.71	160.75 5.58 2.16	185.24 7.63 1.08	236.94 7.85 -52.20	170.94 7.30 0.00	157.17 6.68 0.00	165.95 6.76 0.00	173.74 6.96 0.00	173.09 6.50 0.00	157.62 5.52 0.00
HILLBURN___GT 23639	103.54 2.75 0.00	111.99 2.89 0.00	86.59 2.29 0.00	80.92 1.92 0.00	69.40 1.73 0.00	58.83 1.62 0.00	69.41 2.11 0.00	90.40 2.85 0.00	107.78 3.15 0.00	123.09 3.89 0.00	162.65 5.63 0.00	185.85 6.21 0.10	195.92 6.94 0.47	162.34 6.28 2.11	161.95 6.38 1.82	161.03 6.01 2.30	183.21 5.67 1.15	191.48 7.03 -7.57	171.11 7.47 0.00	157.36 6.88 0.00	166.21 7.03 0.00	173.93 7.14 0.00	172.81 6.22 0.00	156.83 4.73 0.00
HILLSIDE_115KV_TB1 80332	94.68 -6.11 0.00	103.49 -5.61 0.00	79.89 -4.42 0.00	74.59 -4.41 0.00	63.64 -4.03 0.00	53.74 -3.48 0.00	63.08 -4.21 0.00	82.29 -5.26 0.00	97.78 -6.86 0.00	111.19 -8.01 0.00	147.82 -9.20 0.00	167.71 -11.56 0.49	174.59 -12.69 2.16	138.08 -10.30 9.78	139.04 -9.91 8.43	136.85 -9.80 10.68	164.13 -10.05 4.51	163.23 -10.61 3.05	149.13 -9.91 4.59	156.76 -9.06 -15.33	146.47 -9.14 3.57	158.65 -8.13 0.00	159.02 -7.57 0.00	143.84 -8.25 0.00

HISHELDN_WT_PWR 323625	70.45 -9.62 20.72	60.64 -8.09 40.36	64.26 -6.81 13.23	67.60 -6.38 5.02	50.26 -5.74 11.66	42.29 -5.40 9.52	37.36 -6.83 23.11	60.82 -9.08 17.65	72.70 -11.08 20.86	87.22 -13.09 18.89	110.52 -16.45 30.05	122.38 -19.38 37.99	139.91 -20.19 29.35	110.79 -17.15 30.22	112.23 -17.21 27.95	122.88 -16.59 17.86	140.60 -16.74 21.35	147.47 -16.33 13.09	136.47 -17.99 9.18	70.79 -16.35 63.34	140.32 -17.26 1.62	142.49 -15.49 8.81	112.89 -11.79 41.90	98.61 -10.54 42.94
HOLTSVILLE_IC_1 23690	205.55 6.26 -98.50	158.12 6.27 -42.75	162.13 5.06 -72.77	84.98 4.48 -1.51	83.70 3.98 -12.04	273.48 3.60 -212.67	119.30 4.41 -47.59	174.13 5.76 -80.82	268.62 5.52 -158.46	258.05 5.48 -133.37	275.70 8.14 -110.54	262.60 8.04 -74.81	256.14 8.55 -58.14	219.76 6.50 -55.09	174.58 6.29 -10.90	161.18 5.68 1.83	186.36 5.75 -1.92	203.33 6.31 -20.13	172.12 7.38 -1.10	258.92 7.18 -101.26	173.18 6.46 -7.53	228.13 6.89 -54.45	172.35 5.55 -0.21	125.32 2.79 29.56
HOLTSVILLE_IC_10 23699	202.43 6.86 -94.79	157.16 6.92 -41.14	159.84 5.52 -70.02	85.36 4.91 -1.45	83.60 4.34 -11.59	265.74 3.89 -204.64	117.85 4.75 -45.80	171.52 6.21 -77.77	263.22 6.10 -152.48	253.80 6.27 -128.33	271.88 8.99 -105.87	260.21 8.84 -71.63	253.47 9.54 -54.49	217.59 7.54 -51.89	174.48 7.28 -9.81	162.07 6.65 1.91	187.28 7.00 -1.60	203.26 7.64 -18.73	173.11 8.58 -0.89	256.04 8.14 -97.42	173.73 7.31 -7.23	227.24 8.07 -52.39	173.36 6.74 -0.02	126.55 3.73 29.27
HOLTSVILLE_IC_2 23691	205.55 6.26 -98.50	158.12 6.27 -42.75	162.13 5.06 -72.77	84.98 4.48 -1.51	83.70 3.98 -12.04	273.48 3.60 -212.67	119.30 4.41 -47.59	174.13 5.76 -80.82	268.62 5.52 -158.46	258.05 5.48 -133.37	275.70 8.14 -110.54	262.60 8.04 -74.81	256.14 8.55 -58.14	219.76 6.50 -55.09	174.58 6.29 -10.90	161.18 5.68 1.83	186.36 5.75 -1.92	203.33 6.31 -20.13	172.12 7.38 -1.10	258.92 7.18 -101.26	173.18 6.46 -7.53	228.13 6.89 -54.45	172.35 5.55 -0.21	125.32 2.79 29.56
HOLTSVILLE_IC_3 23692	205.55 6.26 -98.50	158.12 6.27 -42.75	162.13 5.06 -72.77	84.98 4.48 -1.51	83.70 3.98 -12.04	273.48 3.60 -212.67	119.30 4.41 -47.59	174.13 5.76 -80.82	268.62 5.52 -158.46	258.05 5.48 -133.37	275.70 8.14 -110.54	262.60 8.04 -74.81	256.14 8.55 -58.14	219.76 6.50 -55.09	174.58 6.29 -10.90	161.18 5.68 1.83	186.36 5.75 -1.92	203.33 6.31 -20.13	172.12 7.38 -1.10	258.92 7.18 -101.26	173.18 6.46 -7.53	228.13 6.89 -54.45	172.35 5.55 -0.21	125.32 2.79 29.56
HOLTSVILLE_IC_4 23693	205.55 6.26 -98.50	158.12 6.27 -42.75	162.13 5.06 -72.77	84.98 4.48 -1.51	83.70 3.98 -12.04	273.48 3.60 -212.67	119.30 4.41 -47.59	174.13 5.76 -80.82	268.62 5.52 -158.46	258.05 5.48 -133.37	275.70 8.14 -110.54	262.60 8.04 -74.81	256.14 8.55 -58.14	219.76 6.50 -55.09	174.58 6.29 -10.90	161.18 5.68 1.83	186.36 5.75 -1.92	203.33 6.31 -20.13	172.12 7.38 -1.10	258.92 7.18 -101.26	173.18 6.46 -7.53	228.13 6.89 -54.45	172.35 5.55 -0.21	125.32 2.79 29.56
HOLTSVILLE_IC_5 23694	205.55 6.26 -98.50	158.12 6.27 -42.75	162.13 5.06 -72.77	84.98 4.48 -1.51	83.70 3.98 -12.04	273.48 3.60 -212.67	119.30 4.41 -47.59	174.13 5.76 -80.82	268.62 5.52 -158.46	258.05 5.48 -133.37	275.70 8.14 -110.54	262.60 8.04 -74.81	256.14 8.55 -58.14	219.76 6.50 -55.09	174.58 6.29 -10.90	161.18 5.68 1.83	186.36 5.75 -1.92	203.33 6.31 -20.13	172.12 7.38 -1.10	258.92 7.18 -101.26	173.18 6.46 -7.53	228.13 6.89 -54.45	172.35 5.55 -0.21	125.32 2.79 29.56
HOLTSVILLE_IC_6 23695	202.43 6.86 -94.79	157.16 6.92 -41.14	159.84 5.52 -70.02	85.36 4.91 -1.45	83.60 4.34 -11.59	265.74 3.89 -204.64	117.85 4.75 -45.80	171.52 6.21 -77.77	263.22 6.10 -152.48	253.80 6.27 -128.33	271.88 8.99 -105.87	260.21 8.84 -71.63	253.47 9.54 -54.49	217.59 7.54 -51.89	174.48 7.28 -9.81	162.07 6.65 1.91	187.28 7.00 -1.60	203.26 7.64 -18.73	173.11 8.58 -0.89	256.04 8.14 -97.42	173.73 7.31 -7.23	227.24 8.07 -52.39	173.36 6.74 -0.02	126.55 3.73 29.27
HOLTSVILLE_IC_7 23696	202.43 6.86 -94.79	157.16 6.92 -41.14	159.84 5.52 -70.02	85.36 4.91 -1.45	83.60 4.34 -11.59	265.74 3.89 -204.64	117.85 4.75 -45.80	171.52 6.21 -77.77	263.22 6.10 -152.48	253.80 6.27 -128.33	271.88 8.99 -105.87	260.21 8.84 -71.63	253.47 9.54 -54.49	217.59 7.54 -51.89	174.48 7.28 -9.81	162.07 6.65 1.91	187.28 7.00 -1.60	203.26 7.64 -18.73	173.11 8.58 -0.89	256.04 8.14 -97.42	173.73 7.31 -7.23	227.24 8.07 -52.39	173.36 6.74 -0.02	126.55 3.73 29.27
HOLTSVILLE_IC_8 23697	202.43 6.86 -94.79	157.16 6.92 -41.14	159.84 5.52 -70.02	85.36 4.91 -1.45	83.60 4.34 -11.59	265.74 3.89 -204.64	117.85 4.75 -45.80	171.52 6.21 -77.77	263.22 6.10 -152.48	253.80 6.27 -128.33	271.88 8.99 -105.87	260.21 8.84 -71.63	253.47 9.54 -54.49	217.59 7.54 -51.89	174.48 7.28 -9.81	162.07 6.65 1.91	187.28 7.00 -1.60	203.26 7.64 -18.73	173.11 8.58 -0.89	256.04 8.14 -97.42	173.73 7.31 -7.23	227.24 8.07 -52.39	173.36 6.74 -0.02	126.55 3.73 29.27
HOLTSVILLE_IC_9 23698	202.43 6.86 -94.79	157.16 6.92 -41.14	159.84 5.52 -70.02	85.36 4.91 -1.45	83.60 4.34 -11.59	265.74 3.89 -204.64	117.85 4.75 -45.80	171.52 6.21 -77.77	263.22 6.10 -152.48	253.80 6.27 -128.33	271.88 8.99 -105.87	260.21 8.84 -71.63	253.47 9.54 -54.49	217.59 7.54 -51.89	174.48 7.28 -9.81	162.07 6.65 1.91	187.28 7.00 -1.60	203.26 7.64 -18.73	173.11 8.58 -0.89	256.04 8.14 -97.42	173.73 7.31 -7.23	227.24 8.07 -52.39	173.36 6.74 -0.02	126.55 3.73 29.27
HOMER_HL_115KV_TB2 355744	93.56 -7.22 0.00	103.27 -5.83 0.00	79.32 -4.98 0.00	74.34 -4.66 0.00	63.09 -4.58 0.00	52.78 -4.43 0.00	61.91 -5.38 0.00	80.72 -6.83 0.00	96.45 -8.19 0.00	108.70 -10.50 0.00	143.90 -13.12 0.00	163.22 -16.02 0.52	170.77 -16.38 2.29	134.14 -13.65 10.38	134.47 -13.96 8.95	132.76 -13.24 11.33	160.58 -12.46 5.65	161.43 -12.25 3.21	148.27 -12.56 2.81	138.88 -11.60 0.00	145.43 -12.13 1.63	155.97 -10.82 0.00	159.13 -7.46 0.00	145.48 -6.61 0.00
HOWARD_WT_PWR 323690	94.82 -5.97 0.00	104.20 -4.90 0.00	80.09 -4.21 0.00	75.20 -3.81 0.00	64.14 -3.54 0.00	53.91 -3.31 0.00	62.85 -4.45 0.00	81.03 -6.52 0.00	96.69 -7.94 0.00	111.63 -7.57 0.00	149.03 -7.99 0.00	169.18 -10.07 0.50	176.09 -11.13 2.23	138.53 -9.54 10.10	139.40 -9.28 8.71	137.98 -8.41 10.94	169.11 -8.40 1.18	161.87 -11.43 3.59	148.18 -16.43 -0.97	215.53 -15.41 -80.46	139.73 -15.30 4.16	156.77 -10.01 0.00	159.16 -7.43 0.00	141.73 -10.36 0.00
HQ_GEN_CEDARS 23644	103.68 2.89 0.00	111.94 2.84 0.00	86.47 2.16 0.00	81.07 2.07 0.00	69.35 1.67 0.00	58.43 1.22 0.00	68.53 1.24 0.00	89.12 1.57 0.00	106.75 2.12 0.00	121.94 2.74 0.00	160.65 3.63 0.00	184.28 4.54 0.00	194.22 4.77 0.00	161.64 3.48 0.00	160.67 3.28 0.00	160.65 3.32 0.00	182.79 4.10 0.00	179.37 2.48 0.00	165.07 1.43 0.00	151.63 1.14 0.00	160.68 1.50 0.00	168.27 1.49 0.00	167.87 1.28 0.00	155.03 2.94 0.00
HQ_GEN_CEDARS_PROXY 323590	103.68 2.89 0.00	111.94 2.84 0.00	86.46 2.16 0.00	81.07 2.07 0.00	69.34 1.67 0.00	58.43 1.22 0.00	68.53 1.24 0.00	89.12 1.57 0.00	106.75 2.12 0.00	121.93 2.73 0.00	160.65 3.63 0.00	184.30 4.55 0.00	194.22 4.77 0.00	161.64 3.48 0.00	160.67 3.29 0.00	160.65 3.32 0.00	188.73 4.09 -5.95	179.36 2.46 0.00	165.07 1.43 0.00	151.62 1.14 0.00	160.68 1.50 0.00	169.24 1.48 -0.98	167.87 1.28 0.00	155.02 2.93 0.00

HQ_GEN_IMPORT 323601	101.78 0.99 0.00	111.60 0.83 -1.67	81.70 0.66 3.26	79.64 0.64 0.00	68.23 0.56 0.00	57.62 0.41 0.00	67.71 0.41 0.00	88.05 0.51 0.00	105.35 0.71 0.00	120.17 0.97 0.00	158.14 1.12 0.00	181.34 1.59 0.00	190.99 1.54 0.00	159.22 1.06 0.00	158.34 0.95 0.00	149.19 0.95 9.09	180.07 1.39 0.00	196.03 0.48 -18.65	155.27 0.04 8.40	151.91 0.00 -1.42	159.41 0.22 0.00	167.00 0.21 0.00	167.13 0.54 0.00	153.03 0.93 0.00
HQ_GEN_WHEEL 23651	101.78 0.99 0.00	111.60 0.83 -1.67	81.70 0.66 3.26	79.64 0.64 0.00	68.23 0.56 0.00	57.62 0.41 0.00	67.71 0.41 0.00	88.05 0.51 0.00	105.35 0.71 0.00	120.17 0.97 0.00	158.14 1.12 0.00	181.34 1.59 0.00	190.99 1.54 0.00	159.22 1.06 0.00	158.34 0.95 0.00	149.19 0.95 9.09	180.07 1.39 0.00	196.03 0.48 -18.65	155.27 0.04 8.40	151.91 0.00 -1.42	159.41 0.22 0.00	167.00 0.21 0.00	167.13 0.54 0.00	153.03 0.93 0.00
HUDSON AVE_GT_3 23810	104.52 3.74 0.00	112.97 3.87 0.00	87.41 3.11 0.00	81.78 2.78 0.00	70.16 2.49 0.00	59.52 2.31 0.00	70.21 2.92 0.00	91.36 3.82 0.00	108.87 4.24 0.00	124.35 5.15 0.00	164.63 7.61 0.00	188.14 8.49 0.10	198.47 9.48 0.45	164.51 8.39 2.05	164.11 8.49 1.77	163.23 8.14 2.24	185.38 7.81 1.12	194.48 9.13 -8.46	173.14 9.50 0.00	159.34 8.86 0.00	168.10 8.91 0.00	175.88 9.10 0.00	174.68 8.09 0.00	158.46 6.37 0.00
HUDSON AVE_GT_4 23540	104.52 3.74 0.00	112.97 3.87 0.00	87.41 3.11 0.00	81.78 2.78 0.00	70.16 2.49 0.00	59.52 2.31 0.00	70.21 2.92 0.00	91.36 3.82 0.00	108.87 4.24 0.00	124.35 5.15 0.00	164.63 7.61 0.00	188.14 8.49 0.10	198.47 9.48 0.45	164.51 8.39 2.05	164.11 8.49 1.77	163.23 8.14 2.24	185.38 7.81 1.12	194.48 9.13 -8.46	173.14 9.50 0.00	159.34 8.86 0.00	168.10 8.91 0.00	175.88 9.10 0.00	174.68 8.09 0.00	158.46 6.37 0.00
HUDSON AVE_GT_5 23657	104.52 3.74 0.00	112.97 3.87 0.00	87.41 3.11 0.00	81.78 2.78 0.00	70.16 2.49 0.00	59.52 2.31 0.00	70.21 2.92 0.00	91.36 3.82 0.00	108.87 4.24 0.00	124.35 5.15 0.00	164.63 7.61 0.00	188.14 8.49 0.10	198.47 9.48 0.45	164.51 8.39 2.05	164.11 8.49 1.77	163.23 8.14 2.24	185.38 7.81 1.12	194.48 9.13 -8.46	173.14 9.50 0.00	159.34 8.86 0.00	168.10 8.91 0.00	175.88 9.10 0.00	174.68 8.09 0.00	158.46 6.37 0.00
HUDSON_AVE_10 24168	104.29 3.50 0.00	112.64 3.54 0.00	87.23 2.93 0.00	81.61 2.61 0.00	70.02 2.35 0.00	59.40 2.18 0.00	70.10 2.80 0.00	91.20 3.65 0.00	108.63 3.99 0.00	124.04 4.84 0.00	164.14 7.13 0.00	187.63 7.98 0.10	197.90 8.91 0.45	164.07 7.96 2.05	163.64 8.02 1.77	162.80 7.71 2.24	184.83 7.26 1.12	194.04 8.70 -8.46	172.70 9.06 0.00	158.94 8.45 0.00	167.67 8.48 0.00	175.35 8.57 0.00	173.99 7.39 0.00	158.04 5.95 0.00
HUDSON___115KV_TB 4 355613	106.19 5.40 0.00	114.90 5.80 0.00	88.78 4.48 0.00	83.23 4.23 0.00	71.33 3.66 0.00	60.41 3.19 0.00	71.07 3.78 0.00	92.31 4.77 0.00	110.44 5.80 0.00	125.93 6.73 0.00	166.03 9.02 0.00	189.91 10.24 0.08	199.55 10.47 0.37	165.00 8.51 1.68	163.91 7.97 1.45	163.47 7.97 1.83	186.83 9.06 0.91	104.93 9.91 81.87	172.91 9.28 0.00	159.16 8.67 0.00	168.38 9.19 0.00	176.09 9.30 0.00	175.21 8.62 0.00	160.24 8.15 0.00
HUNTER MOUNT___DRP 323613	107.01 6.22 0.00	115.84 6.74 0.00	89.48 5.18 0.00	83.90 4.90 0.00	71.92 4.25 0.00	60.91 3.70 0.00	71.66 4.36 0.00	93.14 5.60 0.00	111.54 6.91 0.00	127.19 7.99 0.00	167.63 10.61 0.00	191.73 12.07 0.09	201.43 12.37 0.38	166.43 9.99 1.73	165.27 9.38 1.49	164.97 9.52 1.89	188.82 11.07 0.94	126.41 12.01 62.49	174.66 11.02 0.00	160.70 10.21 0.00	170.02 10.84 0.00	177.77 10.99 0.00	176.88 10.29 0.00	161.75 9.66 0.00
HUNTINGTON_RES_REC 323705	64.89 6.11 42.00	96.94 6.07 18.23	58.17 4.89 31.03	82.68 4.32 0.64	66.38 3.84 5.13	-30.01 3.46 90.68	51.28 4.28 20.29	58.70 5.60 34.45	42.43 5.34 67.55	67.60 5.24 56.84	118.44 7.86 46.44	155.87 7.67 31.55	174.14 8.15 23.45	139.45 6.25 24.97	157.13 6.07 6.33	160.54 5.54 2.33	182.15 5.58 2.12	188.10 6.40 -4.81	170.62 7.22 0.24	114.06 6.82 43.25	179.02 6.36 -13.47	272.25 6.53 -98.93	163.36 5.07 8.30	125.48 2.53 29.15
HUNTLEY___63 23557	89.56 -11.22 0.00	99.78 -9.32 0.00	76.27 -8.03 0.00	71.54 -7.46 0.00	61.13 -6.54 0.00	51.00 -6.21 0.00	59.30 -7.99 0.00	77.02 -10.52 0.00	92.05 -12.58 0.00	103.19 -16.01 0.00	135.79 -21.22 0.00	154.52 -24.70 0.53	161.75 -25.35 2.34	126.15 -21.41 10.60	126.31 -21.93 9.15	124.47 -21.28 11.58	150.87 -21.04 6.78	155.44 -18.47 2.99	141.24 -18.62 3.77	114.42 -16.63 19.43	139.57 -18.57 1.05	148.51 -18.27 0.00	153.06 -13.53 0.00	140.51 -11.59 0.00
HUNTLEY___64 23558	89.56 -11.22 0.00	99.78 -9.32 0.00	76.27 -8.03 0.00	71.54 -7.46 0.00	61.13 -6.54 0.00	51.00 -6.21 0.00	59.30 -7.99 0.00	77.02 -10.52 0.00	92.05 -12.58 0.00	103.19 -16.01 0.00	135.79 -21.22 0.00	154.52 -24.70 0.53	161.75 -25.35 2.34	126.15 -21.41 10.60	126.31 -21.93 9.15	124.47 -21.28 11.58	150.87 -21.04 6.78	155.44 -18.47 2.99	141.24 -18.62 3.77	114.42 -16.63 19.43	139.57 -18.57 1.05	148.51 -18.27 0.00	153.06 -13.53 0.00	140.51 -11.59 0.00
HUNTLEY___65 23559	89.56 -11.22 0.00	99.78 -9.32 0.00	76.27 -8.03 0.00	71.54 -7.46 0.00	61.13 -6.54 0.00	51.00 -6.21 0.00	59.30 -7.99 0.00	77.02 -10.52 0.00	92.05 -12.58 0.00	103.19 -16.01 0.00	135.79 -21.22 0.00	154.52 -24.70 0.53	161.75 -25.35 2.34	126.15 -21.41 10.60	126.31 -21.93 9.15	124.47 -21.28 11.58	150.87 -21.04 6.78	155.44 -18.47 2.99	141.24 -18.62 3.77	114.42 -16.63 19.43	139.57 -18.57 1.05	148.51 -18.27 0.00	153.06 -13.53 0.00	140.51 -11.59 0.00
HUNTLEY___66 23560	89.56 -11.22 0.00	99.78 -9.32 0.00	76.27 -8.03 0.00	71.54 -7.46 0.00	61.13 -6.54 0.00	51.00 -6.21 0.00	59.30 -7.99 0.00	77.02 -10.52 0.00	92.05 -12.58 0.00	103.19 -16.01 0.00	135.79 -21.22 0.00	154.52 -24.70 0.53	161.75 -25.35 2.34	126.15 -21.41 10.60	126.31 -21.93 9.15	124.47 -21.28 11.58	150.87 -21.04 6.78	155.44 -18.47 2.99	141.24 -18.62 3.77	114.42 -16.63 19.43	139.57 -18.57 1.05	148.51 -18.27 0.00	153.06 -13.53 0.00	140.51 -11.59 0.00
HUNTLEY___67 23561	89.82 -10.96 0.00	99.93 -9.17 0.00	76.54 -7.77 0.00	71.76 -7.24 0.00	61.27 -6.40 0.00	51.15 -6.07 0.00	59.51 -7.78 0.00	77.28 -10.26 0.00	92.39 -12.25 0.00	103.75 -15.45 0.00	136.65 -20.36 0.00	155.44 -23.79 0.53	162.61 -24.50 2.34	126.89 -20.67 10.61	127.26 -20.99 9.15	125.35 -20.40 11.58	151.44 -20.25 7.00	156.12 -17.75 3.02	141.47 -17.92 4.25	111.00 -16.28 23.21	140.28 -17.80 1.11	149.28 -17.51 0.00	153.46 -13.13 0.00	140.87 -11.22 0.00
HUNTLEY___68 23562	89.82 -10.96 0.00	99.93 -9.17 0.00	76.54 -7.77 0.00	71.76 -7.24 0.00	61.27 -6.40 0.00	51.15 -6.07 0.00	59.51 -7.78 0.00	77.28 -10.26 0.00	92.39 -12.25 0.00	103.75 -15.45 0.00	136.65 -20.36 0.00	155.44 -23.79 0.53	162.61 -24.50 2.34	126.89 -20.67 10.61	127.26 -20.99 9.15	125.35 -20.40 11.58	151.44 -20.25 7.00	156.12 -17.75 3.02	141.47 -17.92 4.25	111.00 -16.28 23.21	140.28 -17.80 1.11	149.28 -17.51 0.00	153.46 -13.13 0.00	140.87 -11.22 0.00

HYLAND___LFGE 323620	90.52 -4.71 5.55	94.73 -3.55 10.82	77.55 -3.21 3.55	74.79 -2.87 1.35	61.94 -2.61 3.13	52.18 -2.48 2.55	56.79 -4.31 6.19	76.22 -6.60 4.73	88.48 -10.57 5.59	100.97 -13.17 5.06	129.86 -19.10 8.06	146.95 -22.24 10.56	156.50 -23.42 9.53	123.10 -19.43 15.63	123.80 -19.60 13.99	125.46 -18.96 12.91	155.65 -18.72 4.31	153.10 -17.71 6.07	150.19 -18.50 -5.05	219.08 -17.28 -85.87	139.11 -17.97 2.11	146.95 -17.47 2.36	139.98 -15.38 11.23	125.57 -15.02 11.51
INDECK___CORINTH 23802	108.63 7.85 0.00	117.59 8.49 0.00	90.87 6.57 0.00	85.23 6.23 0.00	73.04 5.37 0.00	61.79 4.58 0.00	72.96 5.66 0.00	95.07 7.52 0.00	113.66 9.02 0.00	129.28 10.08 0.00	170.38 13.36 0.00	195.10 15.36 0.00	205.78 16.33 0.00	171.36 13.19 0.00	170.83 13.44 0.00	170.69 13.36 0.00	194.41 15.72 0.00	262.32 15.88 -69.55	178.66 15.02 0.00	164.26 13.77 0.00	173.71 14.52 0.00	182.15 15.36 0.00	180.83 14.23 0.00	164.59 12.50 0.00
INDECK___ILION 23567	103.75 2.97 0.00	112.14 3.05 0.00	86.70 2.40 0.00	81.34 2.34 0.00	69.74 2.07 0.00	59.06 1.85 0.00	69.55 2.26 0.00	90.60 3.06 0.00	108.44 3.80 0.00	123.16 3.96 0.00	162.22 5.20 0.00	185.36 5.61 0.00	195.16 5.71 0.00	162.83 4.67 0.00	162.37 4.99 0.00	162.63 5.30 0.00	184.53 5.84 0.00	182.93 6.03 0.00	169.32 5.68 0.00	155.84 5.35 0.00	164.93 5.75 0.00	172.73 5.94 0.00	171.72 5.12 0.00	156.38 4.29 0.00
INDECK___OLEAN 23982	45.34 -7.20 48.25	9.26 -5.84 94.00	48.48 -5.01 30.81	62.66 -4.65 11.69	35.97 -4.54 27.16	30.64 -4.40 22.17	8.16 -5.33 53.80	39.70 -6.75 41.09	47.95 -8.12 48.57	64.83 -10.38 43.99	74.14 -12.92 69.96	76.34 -15.64 87.77	108.00 -16.18 65.27	88.16 -13.54 56.46	90.55 -13.74 53.10	117.86 -12.97 26.50	132.02 -12.18 34.49	138.35 -12.35 26.19	148.27 -12.56 2.81	139.05 -11.44 0.00	145.40 -12.16 1.63	135.49 -10.78 20.52	61.36 -7.65 97.58	45.57 -6.53 99.99
INDECK___OSWEGO 23783	95.95 -4.84 0.00	104.03 -5.07 0.00	80.36 -3.95 0.00	75.28 -3.72 0.00	64.45 -3.22 0.00	54.51 -2.70 0.00	64.12 -3.18 0.00	83.42 -4.13 0.00	99.77 -4.87 0.00	113.56 -5.64 0.00	149.65 -7.37 0.00	171.64 -8.59 -0.49	182.57 -9.03 -2.16	160.49 -7.47 -9.79	158.38 -7.45 -8.44	160.69 -7.33 -10.69	176.09 -7.93 -5.33	171.90 -7.29 -2.30	156.94 -6.70 0.00	144.20 -6.29 0.00	152.19 -7.00 0.00	159.55 -7.23 0.00	159.53 -7.07 0.00	145.38 -6.71 0.00
INDECK___YERKES 23781	56.98 -11.22 32.58	36.30 -9.33 63.47	55.38 -8.12 20.81	63.61 -7.50 7.90	42.79 -6.54 18.34	36.02 -6.22 14.97	23.02 -7.95 36.33	49.32 -12.57 27.74	59.27 -15.93 32.79	73.56 -20.99 29.70	88.79 -24.28 47.24	96.03 -25.06 59.44	119.52 -21.28 44.86	95.16 -21.28 41.72	96.79 -21.65 38.95	114.57 -20.95 21.81	131.64 -20.80 26.24	139.79 -18.60 18.51	141.14 -18.73 3.77	114.62 -16.43 19.44	139.41 -18.73 1.05	134.62 -18.31 13.85	87.00 -13.70 65.89	73.04 -11.53 67.52
INDIAN POINT_GT_1 24139	103.84 3.05 0.00	112.29 3.19 0.00	86.82 2.51 0.00	81.21 2.21 0.00	69.64 1.97 0.00	59.03 1.81 0.00	69.64 2.34 0.00	90.64 3.09 0.00	108.04 3.40 0.00	123.31 4.11 0.00	163.07 6.05 0.00	186.29 6.65 0.10	196.40 7.42 0.45	162.75 6.64 2.06	162.37 6.76 1.78	161.49 6.41 2.25	183.72 6.16 1.12	192.50 7.31 -8.30	171.41 7.77 0.00	157.68 7.19 0.00	166.49 7.31 0.00	174.20 7.42 0.00	172.99 6.40 0.00	157.06 4.96 0.00
INDIAN POINT_GT_2 23659	103.84 3.05 0.00	112.29 3.19 0.00	86.82 2.51 0.00	81.21 2.21 0.00	69.64 1.97 0.00	59.03 1.81 0.00	69.64 2.34 0.00	90.64 3.09 0.00	108.04 3.40 0.00	123.31 4.11 0.00	163.07 6.05 0.00	186.29 6.65 0.10	196.40 7.42 0.45	162.75 6.64 2.06	162.37 6.76 1.78	161.49 6.41 2.25	183.72 6.16 1.12	192.50 7.31 -8.30	171.41 7.77 0.00	157.68 7.19 0.00	166.49 7.31 0.00	174.20 7.42 0.00	172.99 6.40 0.00	157.06 4.96 0.00
INDIAN POINT_GT_3 24019	103.84 3.05 0.00	112.29 3.19 0.00	86.82 2.51 0.00	81.21 2.21 0.00	69.64 1.97 0.00	59.03 1.81 0.00	69.64 2.34 0.00	90.64 3.09 0.00	108.04 3.40 0.00	123.31 4.11 0.00	163.07 6.05 0.00	186.29 6.65 0.10	196.40 7.42 0.45	162.75 6.64 2.06	162.37 6.76 1.78	161.49 6.41 2.25	183.72 6.16 1.12	192.50 7.31 -8.30	171.41 7.77 0.00	157.68 7.19 0.00	166.49 7.31 0.00	174.20 7.42 0.00	172.99 6.40 0.00	157.06 4.96 0.00
INDIAN POINT___2 23530	103.63 2.84 0.00	112.06 2.96 0.00	86.67 2.37 0.00	81.03 2.03 0.00	69.51 1.84 0.00	58.92 1.70 0.00	69.49 2.19 0.00	90.46 2.91 0.00	107.83 3.19 0.00	123.10 3.90 0.00	162.69 5.67 0.00	185.90 6.26 0.10	196.00 7.01 0.46	162.40 6.31 2.08	162.02 6.42 1.79	161.12 6.06 2.27	183.23 5.68 1.13	191.88 6.97 -8.02	171.05 7.41 0.00	157.34 6.85 0.00	166.17 6.99 0.00	173.87 7.08 0.00	172.74 6.15 0.00	156.78 4.68 0.00
INDIAN POINT___3 23531	103.64 2.85 0.00	112.08 2.98 0.00	86.67 2.37 0.00	81.06 2.06 0.00	69.52 1.85 0.00	58.92 1.70 0.00	69.51 2.21 0.00	90.46 2.92 0.00	107.86 3.23 0.00	123.08 3.88 0.00	162.72 5.70 0.00	185.90 6.26 0.10	196.01 7.02 0.45	162.43 6.32 2.06	162.06 6.45 1.78	161.15 6.07 2.25	183.32 5.76 1.12	192.11 6.91 -8.31	171.03 7.39 0.00	157.35 6.86 0.00	166.09 6.91 0.00	173.83 7.04 0.00	172.63 6.04 0.00	156.78 4.68 0.00
INGHAM_C_115KV_TB7 356103	107.29 6.50 0.00	115.83 6.73 0.00	89.60 5.29 0.00	84.14 5.14 0.00	72.17 4.49 0.00	61.15 3.94 0.00	72.17 4.87 0.00	94.14 6.60 0.00	112.71 8.07 0.00	127.53 8.33 0.00	167.90 10.88 0.00	191.32 11.57 0.00	201.18 11.74 0.00	167.84 9.67 0.00	167.80 10.41 0.00	168.49 11.15 0.00	191.34 12.65 0.00	189.89 13.00 0.00	175.89 12.25 0.00	162.06 11.58 0.00	171.79 12.60 0.00	179.60 12.81 0.00	177.79 11.20 0.00	161.62 9.53 0.00
IP CORINTH___1 23988	108.63 7.84 0.00	117.61 8.51 0.00	90.87 6.56 0.00	85.23 6.23 0.00	73.04 5.37 0.00	61.79 4.58 0.00	72.96 5.66 0.00	95.07 7.53 0.00	113.66 9.02 0.00	129.27 10.07 0.00	170.38 13.36 0.00	195.10 15.36 0.00	205.78 16.34 0.00	171.36 13.19 0.00	170.85 13.47 0.00	170.71 13.38 0.00	194.41 15.72 0.00	262.32 15.88 -69.55	178.66 15.02 0.00	164.26 13.78 0.00	173.71 14.52 0.00	182.16 15.37 0.00	180.83 14.24 0.00	164.59 12.50 0.00
IP___TICONDEROGA 23804	114.57 13.78 0.00	123.94 14.84 0.00	95.68 11.38 0.00	89.84 10.84 0.00	77.12 9.45 0.00	65.14 7.92 0.00	77.44 10.15 0.00	100.64 13.10 0.00	119.84 15.20 0.00	135.43 16.23 0.00	178.39 21.38 0.00	204.40 24.65 0.00	217.15 27.70 0.00	179.88 21.72 0.00	179.89 22.50 0.00	179.96 22.63 0.00	206.88 28.19 0.00	274.86 26.82 -71.15	189.51 25.87 0.00	174.32 23.83 0.00	184.13 24.94 0.00	193.08 26.29 0.00	190.59 24.00 0.00	172.47 20.37 0.00
ISLIP_RES_REC 323679	192.35 7.24 -84.32	152.97 7.27 -36.60	152.41 5.81 -62.29	85.49 5.20 -1.29	82.56 4.58 -10.31	243.34 4.08 -182.05	113.04 5.01 -40.74	163.28 6.56 -69.18	246.86 6.58 -135.64	240.12 6.76 -114.16	261.20 9.79 -94.40	253.43 9.83 -63.86	249.11 10.62 -49.04	212.93 8.38 -46.38	174.34 8.15 -8.80	162.96 7.54 1.92	188.17 8.09 -1.39	203.63 8.73 -18.01	174.14 9.63 -0.87	246.17 9.05 -86.63	173.97 8.34 -6.44	222.40 9.03 -46.59	173.60 7.58 0.57	127.45 4.43 29.07

JAMAICA__27_KV_LOAD 355505	105.14 4.35 0.00	113.30 4.20 0.00	87.96 3.65 0.00	82.25 3.25 0.00	70.56 2.89 0.00	59.89 2.68 0.00	70.88 3.58 0.00	92.16 4.61 0.00	109.57 4.93 0.00	124.95 5.75 0.00	164.70 7.68 0.00	188.62 8.97 0.10	198.92 9.93 0.45	165.03 8.92 2.05	164.51 8.89 1.77	163.84 8.75 2.24	185.89 8.32 1.12	195.51 10.16 -8.46	173.95 10.30 0.00	160.35 9.87 0.00	168.94 9.75 0.00	176.42 9.63 0.00	174.30 7.70 0.00	159.20 7.11 0.00
JANIS__SOLAR 323808	113.74 2.25 -10.70	132.63 2.69 -20.83	92.85 1.71 -6.83	83.37 1.78 -2.59	74.91 1.22 -6.02	63.49 1.36 -4.91	81.01 1.79 -11.92	99.16 2.51 -9.11	117.98 2.58 -10.77	131.41 2.46 -9.75	176.07 3.54 -15.51	202.72 4.08 -18.89	205.34 3.93 -11.96	162.77 3.42 -1.19	162.50 3.11 -2.00	154.86 4.02 6.49	185.87 5.28 -1.91	189.39 6.24 -6.27	177.79 6.53 -7.62	164.19 5.65 -8.05	168.63 5.50 -3.94	175.68 4.34 -4.55	192.04 3.82 -21.63	177.40 3.14 -22.16
JARVIS____ 23743	101.17 0.38 0.00	109.52 0.42 0.00	84.64 0.34 0.00	79.32 0.32 0.00	67.94 0.27 0.00	57.47 0.25 0.00	67.63 0.34 0.00	87.98 0.44 0.00	105.14 0.51 0.00	119.79 0.59 0.00	157.78 0.76 0.00	180.53 0.78 0.00	190.26 0.81 0.00	158.94 0.77 0.00	158.18 0.79 0.00	158.12 0.79 0.00	179.27 0.58 0.00	177.73 0.84 0.00	164.46 0.82 0.00	151.24 0.76 0.00	159.89 0.71 0.00	167.63 0.84 0.00	167.33 0.74 0.00	152.70 0.61 0.00
JENNISON____1 23625	103.76 2.98 0.00	112.23 3.13 0.00	86.22 1.92 0.00	80.76 1.75 0.00	68.39 0.72 0.00	58.43 1.22 0.00	69.05 1.75 0.00	89.90 2.35 0.00	106.71 2.08 0.00	120.63 1.43 0.00	159.48 2.46 0.00	182.59 3.23 0.39	190.16 2.43 1.72	152.08 1.70 7.78	152.26 1.58 6.71	150.70 1.86 8.49	177.06 2.35 3.98	180.78 3.04 -0.84	169.07 3.46 -1.96	158.39 3.01 -4.89	162.74 2.70 -0.85	168.53 1.74 0.00	168.01 1.42 0.00	152.95 0.85 0.00
JENNISON____2 23626	103.76 2.98 0.00	112.23 3.13 0.00	86.22 1.92 0.00	80.76 1.75 0.00	68.39 0.72 0.00	58.43 1.22 0.00	69.05 1.75 0.00	89.90 2.35 0.00	106.71 2.08 0.00	120.63 1.43 0.00	159.48 2.46 0.00	182.59 3.23 0.39	190.16 2.43 1.72	152.08 1.70 7.78	152.26 1.58 6.71	150.70 1.86 8.49	177.06 2.35 3.98	180.78 3.04 -0.84	169.07 3.46 -1.96	158.39 3.01 -4.89	162.74 2.70 -0.85	168.53 1.74 0.00	168.01 1.42 0.00	152.95 0.85 0.00
JERICOHO_RISE_WT_PWR 323719	102.27 1.48 0.00	109.78 0.68 0.00	84.92 0.62 0.00	79.88 0.88 0.00	68.52 0.84 0.00	57.72 0.51 0.00	67.84 0.54 0.00	88.15 0.60 0.00	105.52 0.88 0.00	120.73 1.53 0.00	159.86 2.85 0.00	183.31 3.56 0.00	193.04 3.60 0.00	160.17 2.00 0.00	159.19 1.81 0.00	158.92 1.59 0.00	180.34 1.65 0.00	175.43 -1.46 0.00	160.66 -2.98 0.00	148.23 -2.25 0.00	157.75 -1.44 0.00	166.01 -0.77 0.00	166.91 0.31 0.00	153.23 1.14 0.00
KATONAH__115KV_46KV_TB4 355592	104.78 3.99 0.00	113.28 4.18 0.00	87.60 3.29 0.00	81.96 2.96 0.00	70.29 2.62 0.00	59.58 2.36 0.00	70.28 2.98 0.00	91.48 3.93 0.00	109.13 4.49 0.00	124.53 5.33 0.00	164.68 7.66 0.00	188.18 8.53 0.10	198.46 9.47 0.45	164.44 8.31 2.04	164.10 8.47 1.76	163.27 8.16 2.22	185.84 8.26 1.11	194.93 9.46 -8.58	173.33 9.69 0.00	159.47 8.98 0.00	168.32 9.13 0.00	176.06 9.28 0.00	174.80 8.21 0.00	158.65 6.56 0.00
KCE_NY_1 323755	106.87 6.08 0.00	115.77 6.67 0.00	89.42 5.12 0.00	83.85 4.85 0.00	71.82 4.15 0.00	60.76 3.55 0.00	71.65 4.35 0.00	93.27 5.72 0.00	111.49 6.86 0.00	126.92 7.72 0.00	167.27 10.25 0.00	191.45 11.70 0.00	201.72 12.27 0.00	168.46 10.29 0.00	167.81 10.42 0.00	167.75 10.42 0.00	190.50 11.81 0.00	262.05 12.30 -72.86	175.25 11.61 0.00	161.10 10.62 0.00	170.71 11.53 0.00	178.72 11.93 0.00	177.65 11.06 0.00	161.79 9.70 0.00
KCE_NY_6_ESR 323823	54.84 -9.36 36.58	30.30 -7.53 71.27	54.38 -6.56 23.36	63.95 -6.19 8.87	41.65 -5.43 20.59	35.16 -5.25 16.81	19.79 -6.71 40.80	47.54 -8.85 31.15	57.28 -10.54 36.82	72.55 -13.30 33.35	86.96 -17.01 53.04	93.12 -19.95 66.67	118.83 -20.55 50.07	95.16 -17.53 45.48	97.15 -17.68 42.56	117.37 -16.96 23.00	133.48 -16.41 28.79	141.65 -14.77 20.47	143.92 -15.32 4.39	113.96 -13.71 22.82	142.77 -15.21 1.21	136.76 -14.47 15.56	82.31 -10.29 73.99	67.83 -8.45 75.81
KEDC PORT_JEFF_GT2 24210	212.91 6.76 -105.36	161.61 6.78 -45.73	167.57 5.43 -77.83	85.44 4.83 -1.61	84.83 4.27 -12.88	288.52 3.83 -227.47	122.89 4.69 -50.90	180.11 6.12 -86.44	280.14 6.01 -169.49	267.96 6.12 -142.64	283.18 8.91 -117.25	267.95 8.88 -79.32	258.24 9.43 -59.36	222.44 7.29 -56.99	175.02 7.07 -10.56	161.86 6.46 1.92	187.00 6.60 -1.71	202.32 6.40 -19.04	171.91 7.42 -0.85	266.10 7.31 -108.31	174.53 7.33 -8.02	232.85 7.82 -58.24	173.71 6.48 -0.64	126.28 3.56 29.37
KEDC PORT_JEFF_GT3 24211	212.91 6.76 -105.36	161.61 6.78 -45.73	167.57 5.43 -77.83	85.44 4.83 -1.61	84.83 4.27 -12.88	288.52 3.83 -227.47	122.89 4.69 -50.90	180.11 6.12 -86.44	280.14 6.01 -169.49	267.96 6.12 -142.64	283.18 8.91 -117.25	267.95 8.88 -79.32	258.24 9.43 -59.36	222.44 7.29 -56.99	175.02 7.07 -10.56	161.86 6.46 1.92	187.00 6.60 -1.71	202.32 6.40 -19.04	171.91 7.42 -0.85	266.10 7.31 -108.31	174.53 7.33 -8.02	232.85 7.82 -58.24	173.71 6.48 -0.64	126.28 3.56 29.37
KEDC_GLWD_GT4 24219	105.53 4.74 0.00	113.92 4.82 0.00	88.12 3.82 0.00	82.40 3.40 0.00	70.70 3.03 0.00	59.95 2.73 0.00	70.73 3.43 0.00	92.05 4.50 0.00	109.34 4.71 0.00	124.58 5.38 0.00	165.23 8.21 0.00	188.51 8.86 0.10	198.73 9.74 0.45	164.38 8.26 2.05	163.96 8.34 1.77	163.06 7.97 2.24	185.73 8.16 1.12	194.61 9.25 -8.46	173.29 9.65 0.00	159.32 8.84 0.00	168.12 8.93 0.00	175.74 8.96 0.00	172.59 7.78 1.78	148.31 5.58 9.36
KEDC_GLWD_GT5 24220	105.53 4.74 0.00	113.92 4.82 0.00	88.12 3.82 0.00	82.40 3.40 0.00	70.70 3.03 0.00	59.95 2.73 0.00	70.73 3.43 0.00	92.05 4.50 0.00	109.34 4.71 0.00	124.58 5.38 0.00	165.23 8.21 0.00	188.51 8.86 0.10	198.73 9.74 0.45	164.38 8.26 2.05	163.96 8.34 1.77	163.06 7.97 2.24	185.73 8.16 1.12	194.61 9.25 -8.46	173.29 9.65 0.00	159.32 8.84 0.00	168.12 8.93 0.00	175.74 8.96 0.00	172.59 7.78 1.78	148.31 5.58 9.36
KENSICO____ 23655	104.24 3.45 0.00	112.71 3.61 0.00	87.16 2.86 0.00	81.54 2.54 0.00	69.94 2.27 0.00	59.29 2.08 0.00	69.93 2.64 0.00	90.99 3.45 0.00	108.46 3.82 0.00	123.79 4.59 0.00	163.72 6.71 0.00	187.04 7.39 0.10	197.23 8.23 0.45	163.45 7.34 2.06	163.02 7.41 1.77	162.20 7.11 2.24	184.46 6.89 1.12	193.37 8.05 -8.43	172.12 8.48 0.00	158.35 7.86 0.00	167.18 8.00 0.00	174.88 8.10 0.00	173.66 7.06 0.00	157.62 5.53 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	104.93 4.14 0.00	113.43 4.33 0.00	87.65 3.34 0.00	81.95 2.94 0.00	70.29 2.62 0.00	59.59 2.38 0.00	70.37 3.07 0.00	91.73 4.18 0.00	109.56 4.93 0.00	125.12 5.92 0.00	165.22 8.20 0.00	188.63 8.98 0.10	198.99 10.01 0.46	164.76 8.69 2.10	164.40 8.82 1.81	163.90 8.86 2.29	186.97 9.42 1.14	186.52 10.57 0.93	174.38 10.74 0.00	160.40 9.91 0.00	169.30 10.12 0.00	176.99 10.21 0.00	175.71 9.12 0.00	159.32 7.23 0.00

KIAC_JFK_GT1 23816	104.13 3.35 0.00	112.19 3.09 0.00	87.25 2.95 0.00	81.59 2.59 0.00	69.97 2.30 0.00	59.41 2.19 0.00	70.28 2.98 0.00	91.39 3.84 0.00	108.66 4.02 0.00	123.87 4.67 0.00	163.07 6.06 0.00	186.79 7.14 0.10	196.95 7.95 0.45	163.41 7.30 2.05	162.89 7.28 1.77	162.20 7.11 2.24	183.96 6.39 1.12	193.55 8.20 -8.46	172.15 8.51 0.00	158.69 8.20 0.00	167.19 8.00 0.00	174.58 7.80 0.00	172.46 5.87 0.00	157.57 5.48 0.00
KIAC_JFK_GT2 23817	104.13 3.35 0.00	112.19 3.09 0.00	87.25 2.95 0.00	81.59 2.59 0.00	69.97 2.30 0.00	59.41 2.19 0.00	70.28 2.98 0.00	91.39 3.84 0.00	108.66 4.02 0.00	123.87 4.67 0.00	163.07 6.06 0.00	186.79 7.14 0.10	196.95 7.95 0.45	163.41 7.30 2.05	162.89 7.28 1.77	162.20 7.11 2.24	183.96 6.39 1.12	193.55 8.20 -8.46	172.15 8.51 0.00	158.69 8.20 0.00	167.19 8.00 0.00	174.58 7.80 0.00	172.46 5.87 0.00	157.57 5.48 0.00
KIAC_JFK____ 323774	104.13 3.34 0.00	112.20 3.11 0.00	87.25 2.95 0.00	81.58 2.58 0.00	69.96 2.29 0.00	59.41 2.19 0.00	70.27 2.97 0.00	91.38 3.83 0.00	108.61 3.97 0.00	123.86 4.66 0.00	163.01 5.99 0.00	186.74 7.10 0.10	196.88 7.89 0.45	163.39 7.27 2.05	162.80 7.18 1.77	162.11 7.02 2.24	183.86 6.29 1.12	193.57 8.22 -8.46	172.16 8.52 0.00	158.67 8.18 0.00	167.20 8.01 0.00	174.58 7.80 0.00	172.49 5.90 0.00	157.57 5.47 0.00
KINTIGH__24_KV_GSU 356498	64.40 -10.22 26.17	49.27 -8.85 50.97	60.18 -7.42 16.71	65.80 -6.86 6.34	46.89 -6.06 14.73	39.53 -5.66 12.02	31.00 -7.12 29.18	55.82 -9.44 22.28	66.92 -11.38 26.34	80.98 -14.37 23.86	100.01 -19.07 37.94	109.75 -22.15 47.85	129.29 -23.62 36.54	102.62 -19.75 35.80	104.75 -19.38 33.26	117.82 -19.48 20.02	136.73 -19.78 22.18	144.00 -17.53 15.36	143.72 -17.35 2.57	122.55 -15.50 12.43	141.14 -17.28 0.76	138.22 -17.44 11.13	99.79 -13.89 52.92	86.23 -11.63 54.22
KINTIGH____ 23543	90.44 -10.35 0.00	100.12 -8.98 0.00	76.82 -7.48 0.00	72.07 -6.94 0.00	61.54 -6.13 0.00	51.48 -5.73 0.00	60.03 -7.26 0.00	77.97 -9.58 0.00	93.10 -11.54 0.00	104.64 -14.56 0.00	137.60 -19.42 0.00	156.53 -22.68 0.54	163.17 -23.89 2.39	127.45 -19.91 10.81	128.27 -19.79 9.33	125.77 -19.75 11.80	152.13 -20.01 6.54	156.55 -17.44 2.90	143.82 -17.26 2.57	122.37 -15.69 12.43	141.27 -17.16 0.76	149.42 -17.36 0.00	152.84 -13.75 0.00	140.29 -11.80 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	103.18 2.39 0.00	110.33 1.24 0.00	85.36 1.06 0.00	80.44 1.44 0.00	68.99 1.32 0.00	57.95 0.74 0.00	68.23 0.93 0.00	88.58 1.04 0.00	105.94 1.30 0.00	121.31 2.12 0.00	161.92 4.90 0.00	185.68 5.93 0.00	195.54 6.09 0.00	161.89 3.72 0.00	160.81 3.43 0.00	160.91 3.58 0.00	182.65 3.96 0.00	177.58 0.69 0.00	162.54 -1.10 0.00	150.22 -0.26 0.00	160.40 1.22 0.00	169.22 2.44 0.00	170.39 3.79 0.00	156.53 4.44 0.00
LACHUTE____HYDRO 323717	114.57 13.78 0.00	123.92 14.82 0.00	95.69 11.38 0.00	89.84 10.84 0.00	77.12 9.45 0.00	65.14 7.92 0.00	77.44 10.14 0.00	100.65 13.10 0.00	119.84 15.20 0.00	135.43 16.23 0.00	178.42 21.40 0.00	204.40 24.65 0.00	217.14 27.70 0.00	179.89 21.72 0.00	179.89 22.50 0.00	179.96 22.63 0.00	206.90 28.21 0.00	274.85 26.81 -71.15	189.51 25.87 0.00	174.32 23.83 0.00	184.12 24.93 0.00	193.07 26.28 0.00	190.59 23.99 0.00	172.47 20.37 0.00
LAWRNCALV_115KV_TB1 80681	103.55 2.76 0.00	111.90 2.80 0.00	86.47 2.16 0.00	81.06 2.06 0.00	69.17 1.50 0.00	58.07 0.86 0.00	67.99 0.69 0.00	88.42 0.88 0.00	106.02 1.38 0.00	121.21 2.02 0.00	160.06 3.04 0.00	183.53 3.79 0.00	193.42 3.97 0.00	160.87 2.70 0.00	159.71 2.32 0.00	159.56 2.23 0.00	181.02 2.34 0.00	177.61 0.73 0.00	163.38 -0.26 0.00	149.86 -0.63 0.00	158.58 -0.61 0.00	166.20 -0.59 0.00	166.68 0.09 0.00	154.05 1.96 0.00
LEDERLE____ 23769	103.82 3.03 0.00	112.28 3.19 0.00	86.79 2.49 0.00	81.13 2.13 0.00	69.59 1.91 0.00	58.98 1.76 0.00	69.59 2.29 0.00	90.61 3.07 0.00	108.05 3.42 0.00	123.38 4.18 0.00	163.10 6.08 0.00	186.37 6.72 0.10	196.44 7.46 0.46	162.77 6.69 2.09	162.41 6.83 1.81	161.52 6.48 2.29	183.75 6.20 1.14	192.21 7.49 -7.82	171.56 7.92 0.00	157.83 7.34 0.00	166.65 7.47 0.00	174.36 7.57 0.00	173.21 6.62 0.00	157.21 5.12 0.00
LIGHTHSE_115KV_TB6 355974	99.03 -1.76 0.00	107.24 -1.86 0.00	82.84 -1.46 0.00	77.64 -1.36 0.00	66.39 -1.28 0.00	56.14 -1.07 0.00	65.95 -1.35 0.00	85.76 -1.79 0.00	102.79 -1.85 0.00	117.08 -2.13 0.00	154.37 -2.65 0.00	176.62 -3.13 0.00	186.03 -3.42 0.00	155.27 -2.90 0.00	154.11 -3.28 0.00	154.49 -2.84 0.00	175.87 -2.82 0.00	174.83 -2.06 0.00	161.59 -2.05 0.00	147.61 -2.88 0.00	155.30 -3.89 0.00	163.42 -3.37 0.00	164.11 -2.48 0.00	149.23 -2.86 0.00
LINDEN COGEN____ 23786	103.80 3.01 0.00	112.19 3.09 0.00	86.86 2.55 0.00	81.23 2.23 0.00	69.70 2.03 0.00	59.14 1.92 0.00	69.73 2.44 0.00	90.74 3.19 0.00	108.07 3.43 0.00	123.50 4.30 0.00	163.35 6.34 0.00	186.56 6.92 0.10	196.75 7.76 0.46	163.11 6.99 2.05	162.67 7.05 1.77	161.77 6.69 2.25	183.76 6.19 1.12	193.01 7.66 -8.46	171.76 8.12 0.00	158.02 7.54 0.00	166.76 7.57 0.00	174.53 7.75 0.00	173.44 6.85 0.00	157.29 5.20 0.00
LINDHRST_69_KV_BK1 356055	113.57 6.74 -6.04	118.55 6.82 -2.62	94.06 5.30 -4.46	83.87 4.77 -0.09	72.59 4.18 -0.74	73.98 3.73 -13.04	74.85 4.64 -2.92	98.60 6.10 -4.95	120.58 6.23 -9.71	134.08 6.70 -8.18	174.52 10.32 -7.19	195.35 10.81 -4.78	205.55 11.78 -4.33	169.91 9.43 -2.32	166.26 9.35 0.48	164.10 8.94 2.16	187.47 9.54 0.75	197.57 10.70 -9.97	174.85 11.01 -0.20	165.15 9.17 -5.49	168.41 8.79 -0.43	178.50 8.76 -2.95	169.30 7.28 4.57	131.69 4.65 25.06
LIPA_MISC_IPP 23656	205.92 6.87 -98.26	158.72 6.97 -42.65	162.48 5.59 -72.58	85.51 5.01 -1.50	84.13 4.45 -12.01	273.31 3.96 -212.13	119.58 4.81 -47.47	174.41 6.25 -80.61	268.93 6.22 -158.07	258.63 6.39 -133.04	276.23 9.07 -110.14	262.97 8.69 -74.53	256.23 9.15 -57.64	219.40 6.54 -54.69	174.39 6.28 -10.72	160.87 5.38 1.84	186.07 5.52 -1.86	203.15 6.39 -19.87	172.28 7.59 -1.06	259.20 7.71 -101.00	173.26 6.56 -7.51	228.20 7.10 -54.31	172.81 6.02 -0.20	125.89 3.32 29.52
LISF____SOLAR 323691	205.43 7.09 -97.55	158.63 7.19 -42.34	162.13 5.76 -72.06	85.64 5.14 -1.49	84.18 4.58 -11.93	271.91 4.08 -210.62	119.36 4.93 -47.13	174.03 6.45 -80.04	267.99 6.42 -156.94	257.92 6.64 -132.08	275.66 9.37 -109.27	262.74 9.05 -73.93	256.00 9.58 -56.97	219.19 6.92 -54.10	174.48 6.57 -10.52	161.17 5.70 1.86	186.47 5.97 -1.80	203.46 6.95 -19.62	172.75 8.09 -1.02	258.91 8.15 -100.28	173.65 7.02 -7.45	228.25 7.54 -53.92	173.29 6.54 -0.16	126.20 3.57 29.46
LITTLE FALLS____HYD 24013	107.29 6.50 0.00	115.83 6.73 0.00	89.60 5.29 0.00	84.14 5.14 0.00	72.17 4.49 0.00	61.15 3.94 0.00	72.17 4.87 0.00	94.14 6.60 0.00	112.71 8.07 0.00	127.53 8.33 0.00	167.90 10.88 0.00	191.32 11.57 0.00	201.18 11.74 0.00	167.84 9.67 0.00	167.80 10.41 0.00	168.49 11.15 0.00	191.34 12.65 0.00	189.89 13.00 0.00	175.89 12.25 0.00	162.06 11.58 0.00	171.79 12.60 0.00	179.60 12.81 0.00	177.79 11.20 0.00	161.62 9.53 0.00

LITTLRIV_115KV_TB1 356100	104.72 3.93 0.00	113.22 4.12 0.00	87.52 3.22 0.00	82.03 3.03 0.00	69.93 2.26 0.00	58.66 1.44 0.00	68.69 1.40 0.00	89.36 1.81 0.00	107.22 2.58 0.00	122.55 3.35 0.00	161.67 4.66 0.00	185.31 5.56 0.00	195.28 5.83 0.00	162.45 4.28 0.00	161.22 3.83 0.00	161.21 3.88 0.00	183.34 4.65 0.00	180.01 3.12 0.00	165.59 1.95 0.00	151.85 1.37 0.00	160.66 1.47 0.00	168.27 1.48 0.00	168.63 2.04 0.00	155.77 3.68 0.00
LI_NEWBRDGE___DRP 323616	105.48 4.69 0.00	113.75 4.65 0.00	87.99 3.68 0.00	82.26 3.26 0.00	70.61 2.94 0.00	59.89 2.67 0.00	70.65 3.35 0.00	91.93 4.39 0.00	108.83 4.19 0.00	123.60 4.40 0.00	164.01 6.99 0.00	186.73 7.08 0.10	196.75 7.76 0.45	162.39 6.28 2.05	161.92 6.30 1.77	161.00 5.92 2.24	183.42 5.85 1.12	192.05 6.69 -8.46	171.03 7.39 0.00	157.47 6.99 0.00	165.88 6.70 0.00	173.43 6.64 0.00	165.67 5.35 6.28	123.55 3.29 31.83
LOCKPORT_115KV_TB60_63_64 80432	88.72 -12.07 0.00	99.20 -9.90 0.00	75.60 -8.70 0.00	70.87 -8.13 0.00	60.68 -6.99 0.00	50.55 -6.66 0.00	58.68 -8.61 0.00	76.27 -11.27 0.00	91.09 -13.55 0.00	102.15 -17.05 0.00	134.28 -22.73 0.00	152.78 -26.44 0.52	159.79 -27.31 2.34	124.30 -23.25 10.61	124.52 -23.71 9.15	122.49 -23.25 11.59	148.86 -23.20 6.63	153.83 -20.12 2.94	140.30 -19.97 3.37	115.19 -18.10 17.19	138.36 -19.87 0.95	146.79 -20.00 0.00	151.53 -15.06 0.00	138.89 -13.21 0.00
LOCKPORT___CC1 323769	59.12 -12.34 29.33	41.63 -10.33 57.13	56.52 -9.06 18.73	63.52 -8.38 7.11	43.91 -7.25 16.51	36.89 -6.85 13.48	25.82 -8.77 32.71	51.05 -11.52 24.98	61.27 -13.85 29.52	75.13 -17.33 26.73	91.62 -22.87 42.53	99.73 -26.45 53.58	121.27 -27.55 40.62	96.00 -23.54 38.62	97.60 -23.80 35.99	113.16 -23.36 20.80	130.77 -23.43 24.49	139.09 -20.87 16.92	139.42 -20.68 3.55	113.50 -18.46 18.53	137.67 -20.55 0.97	133.79 -20.52 12.47	91.54 -15.74 59.32	77.70 -13.61 60.78
LOCKPORT___CC2 323770	59.12 -12.34 29.33	41.63 -10.33 57.13	56.52 -9.06 18.73	63.52 -8.38 7.11	43.91 -7.25 16.51	36.89 -6.85 13.48	25.82 -8.77 32.71	51.05 -11.52 24.98	61.27 -13.85 29.52	75.13 -17.33 26.73	91.62 -22.87 42.53	99.73 -26.45 53.58	121.27 -27.55 40.62	96.00 -23.54 38.62	97.60 -23.80 35.99	113.16 -23.36 20.80	130.77 -23.43 24.49	139.09 -20.87 16.92	139.42 -20.68 3.55	113.50 -18.46 18.53	137.67 -20.55 0.97	133.79 -20.52 12.47	91.54 -15.74 59.32	77.70 -13.61 60.78
LOCKPORT___CC3 323771	59.12 -12.34 29.33	41.63 -10.33 57.13	56.52 -9.06 18.73	63.52 -8.38 7.11	43.91 -7.25 16.51	36.89 -6.85 13.48	25.82 -8.77 32.71	51.05 -11.52 24.98	61.27 -13.85 29.52	75.13 -17.33 26.73	91.62 -22.87 42.53	99.73 -26.45 53.58	121.27 -27.55 40.62	96.00 -23.54 38.62	97.60 -23.80 35.99	113.16 -23.36 20.80	130.77 -23.43 24.49	139.09 -20.87 16.92	139.42 -20.68 3.55	113.50 -18.46 18.53	137.67 -20.55 0.97	133.79 -20.52 12.47	91.54 -15.74 59.32	77.70 -13.61 60.78
LOCUSVLY_69_KV_BK2 55797	106.17 5.38 0.00	114.52 5.42 0.00	88.59 4.29 0.00	82.82 3.81 0.00	71.04 3.37 0.00	60.27 3.05 0.00	71.12 3.82 0.00	92.59 5.05 0.00	109.78 5.14 0.00	124.76 5.57 0.01	164.89 8.56 0.69	188.14 8.98 0.59	196.79 9.80 2.45	162.65 7.99 3.51	162.86 8.10 2.63	162.67 7.67 2.33	185.17 7.89 1.41	192.99 8.97 -7.12	172.80 9.39 0.23	159.17 8.68 0.00	167.76 8.59 0.02	175.32 8.54 0.00	171.00 7.26 2.85	142.58 5.08 14.59
LONG_LAKE_PHOENIX 24014	96.57 -4.22 0.00	104.76 -4.34 0.00	80.89 -3.42 0.00	75.78 -3.22 0.00	64.88 -2.78 0.00	54.89 -2.33 0.00	64.56 -2.74 0.00	84.02 -3.52 0.00	100.47 -4.17 0.00	114.32 -4.88 0.00	150.70 -6.31 0.00	172.56 -7.40 -0.21	182.70 -7.68 -0.94	156.12 -6.30 -4.25	154.80 -6.25 -3.67	155.81 -6.16 -4.64	174.37 -6.63 -2.31	172.02 -5.87 -1.00	158.20 -5.43 0.00	145.40 -5.09 0.00	153.57 -5.61 0.00	160.83 -5.96 0.00	160.73 -5.86 0.00	146.44 -5.66 0.00
LOVETT___3 23632	103.30 2.51 0.00	111.68 2.58 0.00	86.36 2.05 0.00	80.75 1.75 0.00	69.26 1.59 0.00	58.70 1.49 0.00	69.26 1.97 0.00	90.16 2.62 0.00	107.48 2.84 0.00	122.71 3.51 0.00	162.15 5.14 0.00	185.31 5.66 0.10	195.36 6.37 0.46	161.85 5.77 2.09	161.50 5.91 1.80	160.57 5.52 2.28	182.64 5.09 1.14	191.11 6.27 -7.95	170.46 6.82 0.00	156.80 6.31 0.00	165.56 6.38 0.00	173.25 6.46 0.00	172.09 5.50 0.00	156.26 4.16 0.00
LOVETT___4 23642	103.30 2.51 0.00	111.68 2.58 0.00	86.36 2.05 0.00	80.75 1.75 0.00	69.26 1.59 0.00	58.70 1.49 0.00	69.26 1.97 0.00	90.16 2.62 0.00	107.48 2.84 0.00	122.71 3.51 0.00	162.15 5.14 0.00	185.31 5.66 0.10	195.36 6.37 0.46	161.85 5.77 2.09	161.50 5.91 1.80	160.57 5.52 2.28	182.64 5.09 1.14	191.11 6.27 -7.95	170.46 6.82 0.00	156.80 6.31 0.00	165.56 6.38 0.00	173.25 6.46 0.00	172.09 5.50 0.00	156.26 4.16 0.00
LOVETT___5 23593	103.30 2.51 0.00	111.68 2.58 0.00	86.36 2.05 0.00	80.75 1.75 0.00	69.26 1.59 0.00	58.70 1.49 0.00	69.26 1.97 0.00	90.16 2.62 0.00	107.48 2.84 0.00	122.71 3.51 0.00	162.15 5.14 0.00	185.31 5.66 0.10	195.36 6.37 0.46	161.85 5.77 2.09	161.50 5.91 1.80	160.57 5.52 2.28	182.64 5.09 1.14	191.11 6.27 -7.95	170.46 6.82 0.00	156.80 6.31 0.00	165.56 6.38 0.00	173.25 6.46 0.00	172.09 5.50 0.00	156.26 4.16 0.00
LOWER RAQUET___HYD 24057	103.49 2.70 0.00	111.91 2.81 0.00	86.47 2.16 0.00	81.06 2.05 0.00	69.11 1.44 0.00	57.95 0.73 0.00	67.81 0.51 0.00	88.21 0.66 0.00	105.77 1.13 0.00	120.95 1.75 0.00	159.85 2.83 0.00	183.32 3.57 0.00	193.11 3.67 0.00	160.60 2.44 0.00	159.38 1.99 0.00	159.15 1.82 0.00	180.49 1.80 0.00	177.07 0.18 0.00	162.83 -0.81 0.00	149.29 -1.20 0.00	157.91 -1.28 0.00	165.55 -1.24 0.00	166.31 -0.28 0.00	153.74 1.64 0.00
LOWER___HUDSON 24059	105.27 4.48 0.00	113.99 4.89 0.00	88.14 3.84 0.00	82.64 3.64 0.00	70.81 3.14 0.00	59.89 2.68 0.00	70.52 3.22 0.00	91.65 4.11 0.00	109.53 4.89 0.00	124.77 5.57 0.00	164.41 7.39 0.00	188.07 8.32 0.00	198.35 8.91 0.00	165.75 7.58 0.00	164.98 7.59 0.00	164.75 7.42 0.00	186.48 7.79 0.00	280.07 8.50 -94.68	171.66 8.02 0.00	158.01 7.52 0.00	167.29 8.10 0.00	175.18 8.39 0.00	174.21 7.62 0.00	159.09 7.00 0.00
LOWVILLE_115KV_TB2 356335	103.88 3.09 0.00	112.14 3.04 0.00	86.66 2.36 0.00	81.32 2.32 0.00	69.44 1.77 0.00	58.68 1.46 0.00	69.05 1.75 0.00	89.91 2.37 0.00	107.98 3.34 0.00	123.22 4.02 0.00	162.19 5.17 0.00	185.43 5.77 0.09	194.41 5.38 0.42	160.46 4.19 1.89	158.51 2.75 1.63	159.42 4.16 2.07	182.54 4.89 1.03	181.88 5.43 0.45	168.37 4.73 0.00	152.65 2.16 0.00	158.75 -0.44 0.00	167.78 0.99 0.00	169.67 3.07 0.00	153.96 1.87 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	106.82 6.03 0.00	115.69 6.59 0.00	89.38 5.08 0.00	83.81 4.81 0.00	71.81 4.14 0.00	60.75 3.54 0.00	71.62 4.32 0.00	93.22 5.67 0.00	111.42 6.78 0.00	126.85 7.65 0.00	167.16 10.14 0.00	191.27 11.52 0.00	201.67 12.22 0.00	168.37 10.20 0.00	167.75 10.36 0.00	167.65 10.32 0.00	190.39 11.71 0.00	261.91 12.16 -72.86	175.11 11.47 0.00	161.05 10.57 0.00	170.45 11.27 0.00	178.52 11.73 0.00	177.45 10.85 0.00	161.69 9.59 0.00

LUTHERNY_35_KV_BK2 355980	106.87 6.08 0.00	115.78 6.68 0.00	89.42 5.12 0.00	83.85 4.85 0.00	71.82 4.15 0.00	60.75 3.54 0.00	71.65 4.35 0.00	93.27 5.72 0.00	111.51 6.87 0.00	126.92 7.72 0.00	167.27 10.25 0.00	191.45 11.71 0.00	201.72 12.27 0.00	168.46 10.29 0.00	167.81 10.43 0.00	167.76 10.43 0.00	190.50 11.81 0.00	262.05 12.30 -72.86	175.25 11.61 0.00	161.11 10.62 0.00	170.72 11.53 0.00	178.72 11.93 0.00	177.64 11.05 0.00	161.79 9.69 0.00
LWR___OSWEGATCHIE_HYD 23850	103.30 2.51 0.00	111.60 2.50 0.00	86.26 1.95 0.00	80.87 1.87 0.00	68.96 1.29 0.00	58.04 0.82 0.00	68.10 0.81 0.00	88.62 1.07 0.00	106.40 1.77 0.00	121.57 2.38 0.00	160.37 3.35 0.00	183.69 3.94 0.00	193.28 3.84 0.00	160.86 2.69 0.00	159.23 1.84 0.00	159.69 2.36 0.00	180.91 2.22 0.00	178.60 1.71 0.00	164.60 0.96 0.00	149.99 -0.50 0.00	157.32 -1.87 0.00	165.69 -1.10 0.00	167.45 0.86 0.00	153.44 1.35 0.00
LYONS_FALL_HYD 23570	103.57 2.78 0.00	111.87 2.77 0.00	86.46 2.15 0.00	81.10 2.10 0.00	69.36 1.69 0.00	58.65 1.43 0.00	69.04 1.74 0.00	89.93 2.39 0.00	107.89 3.26 0.00	123.01 3.81 0.00	162.02 5.00 0.00	185.27 5.64 0.12	194.39 5.48 0.53	160.14 4.37 2.39	158.92 3.59 2.06	159.25 4.52 2.61	182.61 5.22 1.30	182.08 5.75 0.56	168.73 5.09 0.00	153.74 3.25 0.00	160.82 1.63 0.00	169.35 2.57 0.00	170.31 3.72 0.00	154.76 2.67 0.00
MADISON___COUNTY_LFGE 323628	102.76 1.97 0.00	111.27 2.18 0.00	86.05 1.74 0.00	80.72 1.72 0.00	69.19 1.52 0.00	58.60 1.39 0.00	69.01 1.71 0.00	89.93 2.39 0.00	107.64 3.00 0.00	122.56 3.36 0.00	161.63 4.61 0.00	184.60 5.13 0.28	193.41 5.20 1.23	157.07 4.50 5.59	157.23 4.67 4.82	156.21 4.99 6.11	181.39 5.75 3.04	182.01 6.29 1.17	169.62 5.47 -0.51	154.93 4.44 0.00	163.57 4.09 -0.29	171.15 4.37 0.00	170.89 4.30 0.00	155.44 3.35 0.00
MALONE___115KV_TB1 356076	104.39 3.60 0.00	112.30 3.20 0.00	86.85 2.55 0.00	81.53 2.53 0.00	69.81 2.14 0.00	58.77 1.56 0.00	69.02 1.73 0.00	89.84 2.30 0.00	107.70 3.07 0.00	123.36 4.16 0.00	163.93 6.91 0.00	187.92 8.17 0.00	198.08 8.63 0.00	164.27 6.10 0.00	163.28 5.89 0.00	163.09 5.76 0.00	185.32 6.63 0.00	180.80 3.92 0.00	165.55 1.91 0.00	152.47 1.99 0.00	162.13 2.95 0.00	170.21 3.42 0.00	171.02 4.43 0.00	157.11 5.02 0.00
MAPLEWOD_115KV_TB3 80458	105.01 4.22 0.00	113.64 4.54 0.00	87.87 3.56 0.00	82.33 3.33 0.00	70.55 2.88 0.00	59.70 2.49 0.00	70.21 2.91 0.00	91.18 3.64 0.00	108.96 4.33 0.00	124.16 4.96 0.00	163.64 6.62 0.00	187.41 7.66 0.00	197.45 8.01 0.00	164.94 6.78 0.00	163.98 6.60 0.00	163.75 6.42 0.00	185.23 6.55 0.00	258.67 7.29 -74.49	170.59 6.95 0.00	157.06 6.57 0.00	166.22 7.03 0.00	173.94 7.16 0.00	173.15 6.55 0.00	158.30 6.21 0.00
MAPLE_RIDGE_WT_1 323574	101.20 0.41 0.00	109.42 0.32 0.00	84.56 0.25 0.00	79.25 0.25 0.00	67.91 0.24 0.00	57.39 0.17 0.00	67.45 0.15 0.00	87.74 0.19 0.00	104.91 0.27 0.00	119.59 0.39 0.00	157.41 0.39 0.00	180.37 0.62 0.00	189.77 0.33 0.00	158.14 -0.03 0.00	156.70 -0.69 0.00	157.12 -0.21 0.00	178.63 -0.05 0.00	175.99 -0.90 0.00	162.76 -0.88 0.00	148.75 -1.73 0.00	156.55 -2.64 0.00	164.53 -2.26 0.00	165.28 -1.31 0.00	151.20 -0.89 0.00
MAPLE_RIDGE_WT_2 323611	101.20 0.41 0.00	109.42 0.32 0.00	84.56 0.25 0.00	79.25 0.25 0.00	67.91 0.24 0.00	57.39 0.17 0.00	67.45 0.15 0.00	87.74 0.19 0.00	104.91 0.27 0.00	119.59 0.39 0.00	157.41 0.39 0.00	180.37 0.62 0.00	189.77 0.33 0.00	158.14 -0.03 0.00	156.70 -0.69 0.00	157.12 -0.21 0.00	178.63 -0.05 0.00	175.99 -0.90 0.00	162.76 -0.88 0.00	148.75 -1.73 0.00	156.55 -2.64 0.00	164.53 -2.26 0.00	165.28 -1.31 0.00	151.20 -0.89 0.00
MARBLE_RIVER_WT_PWR 323696	102.12 1.33 0.00	109.56 0.46 0.00	84.76 0.45 0.00	79.75 0.75 0.00	68.39 0.72 0.00	57.59 0.38 0.00	67.71 0.41 0.00	87.96 0.41 0.00	105.23 0.60 0.00	120.37 1.17 0.00	159.52 2.50 0.00	182.91 3.16 0.00	192.62 3.18 0.00	159.82 1.66 0.00	158.82 1.43 0.00	158.57 1.24 0.00	179.89 1.20 0.00	175.00 -1.89 0.00	160.32 -3.32 0.00	147.94 -2.54 0.00	157.44 -1.74 0.00	165.80 -0.98 0.00	166.70 0.11 0.00	153.09 1.00 0.00
MARSHVLE_115KV_TB1 80742	102.12 1.34 0.00	110.48 1.38 0.00	85.25 0.95 0.00	80.00 0.99 0.00	68.61 0.94 0.00	58.13 0.91 0.00	68.46 1.16 0.00	89.33 1.78 0.00	106.98 2.35 0.00	121.59 2.39 0.00	159.80 2.79 0.00	182.63 3.00 0.12	192.23 3.31 0.53	157.98 2.20 2.38	157.46 2.13 2.05	158.16 3.43 2.60	182.11 4.72 1.30	227.82 4.63 -46.30	167.73 4.09 0.00	154.09 3.60 0.00	162.55 3.36 0.00	170.24 3.45 0.00	169.85 3.26 0.00	154.58 2.49 0.00
MARSH_HILL_WT_PWR 323713	94.59 -6.20 0.00	103.96 -5.13 0.00	79.93 -4.37 0.00	75.03 -3.97 0.00	63.99 -3.68 0.00	53.80 -3.42 0.00	62.71 -4.59 0.00	80.82 -6.73 0.00	96.50 -8.14 0.00	111.37 -7.83 0.00	148.65 -8.37 0.00	168.77 -10.48 0.50	175.73 -11.48 2.24	138.18 -9.86 10.13	139.10 -9.55 8.73	137.51 -8.77 11.06	168.80 -8.94 0.95	161.47 -12.00 3.43	149.22 -16.69 -2.27	221.57 -15.67 -86.75	139.93 -15.49 3.77	156.42 -10.36 0.00	158.79 -7.80 0.00	141.56 -10.53 0.00
MCINTYRE_115KV_TB2 80467	105.52 4.74 0.00	113.95 4.85 0.00	88.08 3.78 0.00	82.55 3.55 0.00	70.48 2.81 0.00	59.24 2.02 0.00	69.41 2.11 0.00	90.33 2.78 0.00	108.38 3.74 0.00	123.81 4.61 0.00	163.06 6.04 0.00	186.78 7.03 0.00	196.87 7.43 0.00	163.87 5.70 0.00	162.55 5.17 0.00	162.88 5.55 0.00	185.71 7.02 0.00	182.42 5.53 0.00	167.87 4.23 0.00	154.01 3.52 0.00	162.98 3.79 0.00	170.52 3.74 0.00	170.53 3.94 0.00	157.39 5.30 0.00
MECO_____69_KV_BK1 80468	105.17 4.38 0.00	113.75 4.65 0.00	87.79 3.49 0.00	82.33 3.33 0.00	70.60 2.93 0.00	59.81 2.59 0.00	70.50 3.21 0.00	91.99 4.44 0.00	110.23 5.59 0.00	125.06 5.86 0.00	164.05 7.03 0.00	186.84 7.20 0.11	196.91 7.93 0.47	162.51 6.48 2.14	162.59 7.05 1.84	163.11 8.11 2.33	188.41 10.89 1.16	238.02 11.20 -49.93	173.91 10.27 0.00	159.80 9.32 0.00	168.58 9.39 0.00	176.35 9.57 0.00	175.55 8.95 0.00	159.75 7.66 0.00
MENANDS___115KV_TB5 355628	104.69 3.90 0.00	113.31 4.21 0.00	87.62 3.31 0.00	82.10 3.09 0.00	70.36 2.69 0.00	59.53 2.32 0.00	69.97 2.68 0.00	90.80 3.26 0.00	108.47 3.84 0.00	123.64 4.44 0.00	162.98 5.97 0.00	186.61 6.86 0.00	196.65 7.20 0.00	164.19 6.03 0.00	163.11 5.72 0.00	162.77 5.44 0.00	183.92 5.23 0.00	232.99 5.97 -50.13	169.42 5.78 0.00	156.02 5.53 0.00	165.12 5.93 0.00	172.84 6.06 0.00	172.08 5.49 0.00	157.51 5.42 0.00
MG INDUSTRY___DRP 24185	104.21 3.43 0.00	112.84 3.74 0.00	87.22 2.91 0.00	81.77 2.77 0.00	70.08 2.41 0.00	59.30 2.08 0.00	69.71 2.41 0.00	90.51 2.96 0.00	108.11 3.48 0.00	123.12 3.92 0.00	162.23 5.21 0.00	185.64 5.88 0.00	195.64 6.20 0.00	163.26 5.09 0.00	162.15 4.76 0.00	162.00 4.67 0.00	183.51 4.82 0.00	124.30 5.26 57.84	168.63 5.00 0.00	155.31 4.82 0.00	164.35 5.16 0.00	172.13 5.35 0.00	171.54 4.95 0.00	156.90 4.81 0.00

MID___OSWEGATCHIE_HYD 23849	103.30 2.51 0.00	111.60 2.50 0.00	86.26 1.95 0.00	80.87 1.87 0.00	68.96 1.29 0.00	58.04 0.82 0.00	68.10 0.81 0.00	88.62 1.07 0.00	106.40 1.77 0.00	121.57 2.38 0.00	160.37 3.35 0.00	183.69 3.94 0.00	193.28 3.84 0.00	160.86 2.69 0.00	159.23 1.84 0.00	159.69 2.36 0.00	180.91 2.22 0.00	178.60 1.71 0.00	164.60 0.96 0.00	149.99 -0.50 0.00	157.32 -1.87 0.00	165.69 -1.10 0.00	167.45 0.86 0.00	153.44 1.35 0.00
MID___RAQUETTE_HYD 23851	103.48 2.70 0.00	111.89 2.79 0.00	86.47 2.16 0.00	81.05 2.05 0.00	69.11 1.44 0.00	57.95 0.73 0.00	67.80 0.51 0.00	88.20 0.66 0.00	105.77 1.13 0.00	120.97 1.77 0.00	159.87 2.85 0.00	183.32 3.58 0.00	193.12 3.67 0.00	160.62 2.45 0.00	159.38 2.00 0.00	159.15 1.82 0.00	180.49 1.80 0.00	177.07 0.18 0.00	162.82 -0.82 0.00	149.28 -1.20 0.00	157.91 -1.27 0.00	165.55 -1.24 0.00	166.31 -0.28 0.00	153.74 1.64 0.00
MILLIKEN___1 23584	100.25 -0.54 0.00	108.87 -0.22 0.00	84.03 -0.27 0.00	78.79 -0.21 0.00	67.38 -0.29 0.00	57.02 -0.19 0.00	67.20 -0.10 0.00	87.57 0.03 0.00	104.58 -0.06 0.00	118.74 -0.45 0.00	156.62 -0.40 0.00	178.43 -0.87 0.45	186.58 -0.85 2.02	148.52 -0.51 9.14	149.09 -0.42 7.88	147.40 0.04 9.98	175.05 0.92 4.55	179.38 1.56 -0.92	174.37 1.68 -9.05	159.94 1.45 -8.00	165.10 1.14 -4.77	167.95 1.17 0.00	167.70 1.10 0.00	152.52 0.43 0.00
MILLIKEN___2 23585	100.25 -0.54 0.00	108.87 -0.22 0.00	84.03 -0.27 0.00	78.79 -0.21 0.00	67.38 -0.29 0.00	57.02 -0.19 0.00	67.20 -0.10 0.00	87.57 0.03 0.00	104.58 -0.06 0.00	118.74 -0.45 0.00	156.62 -0.40 0.00	178.43 -0.87 0.45	186.58 -0.85 2.02	148.52 -0.51 9.14	149.09 -0.42 7.88	147.40 0.04 9.98	175.05 0.92 4.55	179.38 1.56 -0.92	174.37 1.68 -9.05	159.94 1.45 -8.00	165.10 1.14 -4.77	167.95 1.17 0.00	167.70 1.10 0.00	152.52 0.43 0.00
MILLIKEN___DIESEL 23629	100.25 -0.54 0.00	108.87 -0.22 0.00	84.03 -0.27 0.00	78.79 -0.21 0.00	67.38 -0.29 0.00	57.02 -0.19 0.00	67.20 -0.10 0.00	87.57 0.03 0.00	104.58 -0.06 0.00	118.74 -0.45 0.00	156.62 -0.40 0.00	178.43 -0.87 0.45	186.58 -0.85 2.02	148.52 -0.51 9.14	149.09 -0.42 7.88	147.40 0.04 9.98	175.05 0.92 4.55	179.38 1.56 -0.92	174.37 1.68 -9.05	159.94 1.45 -8.00	165.10 1.14 -4.77	167.95 1.17 0.00	167.70 1.10 0.00	152.52 0.43 0.00
MILLSEAT___LFGE 323607	64.85 -9.14 26.80	49.80 -7.10 52.21	60.65 -6.54 17.11	66.49 -6.02 6.49	47.42 -5.17 15.08	39.90 -5.00 12.31	30.97 -6.44 29.88	56.34 -8.39 22.82	67.60 -10.06 26.97	81.65 -13.12 24.43	100.46 -17.70 38.86	110.05 -20.71 48.98	130.22 -21.91 37.32	103.35 -18.61 36.20	104.38 -19.34 33.67	117.78 -19.55 20.00	137.60 -18.58 22.50	145.60 -15.62 15.67	144.95 -15.74 2.96	122.06 -13.98 14.45	142.45 -15.86 0.87	139.38 -16.01 11.39	100.15 -12.24 54.20	85.94 -10.62 55.53
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	103.97 3.18 0.00	112.41 3.31 0.00	86.93 2.63 0.00	81.31 2.31 0.00	69.74 2.07 0.00	59.12 1.91 0.00	69.73 2.44 0.00	90.75 3.20 0.00	108.19 3.56 0.00	123.46 4.26 0.00	163.24 6.22 0.10	186.50 6.85 0.45	196.64 7.65 0.45	162.94 6.83 2.06	162.54 6.93 1.78	161.71 6.62 2.25	183.91 6.34 1.12	192.79 7.51 -8.39	171.61 7.97 0.00	157.87 7.39 0.00	166.68 7.49 0.00	174.38 7.60 0.00	173.20 6.60 0.00	157.26 5.17 0.00
MILLWOOD_13_KV_LOAD 356217	104.21 3.43 0.00	112.67 3.57 0.00	87.14 2.83 0.00	81.50 2.50 0.00	69.90 2.23 0.00	59.24 2.02 0.00	69.90 2.60 0.00	90.98 3.43 0.00	108.46 3.82 0.00	123.79 4.59 0.00	163.70 6.68 0.10	187.01 7.36 0.45	197.18 8.18 0.45	163.39 7.28 2.06	163.00 7.39 1.78	162.14 7.05 2.25	184.46 6.89 1.12	193.37 8.09 -8.39	172.13 8.49 0.00	158.35 7.86 0.00	167.17 7.98 0.00	174.88 8.10 0.00	173.65 7.05 0.00	157.65 5.56 0.00
MODEL_CITY_ENERGY 24167	57.31 -12.65 30.82	38.64 -10.41 60.04	55.31 -9.31 19.68	62.91 -8.62 7.47	42.97 -7.35 17.35	36.05 -7.00 14.16	23.89 -9.03 34.37	49.48 -11.82 26.25	59.31 -14.30 31.02	73.22 -17.88 28.10	88.73 -23.59 44.69	96.29 -27.20 56.26	118.47 -28.41 42.57	93.70 -24.41 40.06	95.46 -24.57 37.36	111.92 -24.14 21.27	129.32 -24.26 25.11	137.68 -21.57 17.64	138.88 -21.25 3.51	113.66 -18.87 17.95	137.11 -21.09 0.99	132.50 -21.18 13.11	88.00 -16.25 62.33	74.25 -13.97 63.87
MODERN_LFGE___ 323580	57.31 -12.65 30.82	38.64 -10.41 60.04	55.31 -9.31 19.68	62.91 -8.62 7.47	42.97 -7.35 17.35	36.05 -7.00 14.16	23.89 -9.03 34.37	49.48 -11.82 26.25	59.31 -14.30 31.02	73.22 -17.88 28.10	88.73 -23.59 44.69	96.29 -27.20 56.26	118.47 -28.41 42.57	93.70 -24.41 40.06	95.46 -24.57 37.36	111.92 -24.14 21.27	129.32 -24.26 25.11	137.68 -21.57 17.64	138.88 -21.25 3.51	113.66 -18.87 17.95	137.11 -21.09 0.99	132.50 -21.18 13.11	88.00 -16.25 62.33	74.25 -13.97 63.87
MOHAWK_PAPER___DRP 24187	105.01 4.22 0.00	113.64 4.54 0.00	87.87 3.56 0.00	82.33 3.33 0.00	70.55 2.88 0.00	59.70 2.49 0.00	70.21 2.91 0.00	91.18 3.64 0.00	108.96 4.33 0.00	124.16 4.96 0.00	163.64 6.62 0.00	187.41 7.66 0.00	197.45 8.01 0.00	164.94 6.78 0.00	163.98 6.60 0.00	163.75 6.42 0.00	185.23 6.55 0.00	258.67 7.29 -74.49	170.59 6.95 0.00	157.06 6.57 0.00	166.22 7.03 0.00	173.94 7.16 0.00	173.15 6.55 0.00	158.30 6.21 0.00
MOHICAN___35_KV_115KV_LD 80490	109.19 8.40 0.00	118.17 9.07 0.00	91.33 7.02 0.00	85.67 6.67 0.00	73.44 5.77 0.00	62.11 4.89 0.00	73.35 6.05 0.00	95.57 8.02 0.00	114.23 9.60 0.00	129.88 10.68 0.00	171.11 14.10 0.00	196.01 16.26 0.00	206.74 17.30 0.00	172.26 14.09 0.00	171.70 14.31 0.00	171.52 14.19 0.00	195.48 16.79 0.00	265.59 16.90 -71.80	179.62 15.98 0.00	165.17 14.68 0.00	174.63 15.45 0.00	183.05 16.26 0.00	181.69 15.10 0.00	165.25 13.16 0.00
MONGAUP___HYD 23641	104.73 3.95 0.00	113.26 4.16 0.00	87.52 3.21 0.00	81.82 2.82 0.00	70.16 2.49 0.00	59.46 2.24 0.00	70.14 2.84 0.00	91.38 3.84 0.00	109.12 4.49 0.00	124.53 5.33 0.00	164.32 7.30 0.00	187.56 7.92 0.11	197.44 8.47 0.48	163.56 7.55 2.16	163.06 7.54 1.86	162.61 7.64 2.36	185.79 8.28 1.17	193.32 9.53 -6.90	173.32 9.67 0.00	159.32 8.83 0.00	168.29 9.11 0.00	175.96 9.18 0.00	174.82 8.22 0.00	158.60 6.51 0.00
MONTAUK___DIESEL 23721	207.92 9.04 -98.09	161.57 9.89 -42.57	165.13 8.36 -72.46	88.17 7.66 -1.50	86.46 6.80 -11.99	274.74 5.74 -211.78	121.58 6.89 -47.39	177.55 9.52 -80.48	272.89 10.45 -157.80	263.28 11.26 -132.82	281.14 14.21 -109.92	269.74 15.62 -74.38	261.06 14.20 -57.41	221.65 8.98 -54.50	174.19 6.15 -10.65	158.92 3.44 1.85	185.09 4.57 -1.84	202.53 5.88 -19.76	171.75 7.07 -1.04	258.81 7.49 -100.83	172.39 5.71 -7.49	225.61 4.60 -54.22	171.32 4.54 -0.19	124.87 2.27 29.50
MOONROAD_115KV_HARTFLD_TB1-2 355988	92.14 -8.65 0.00	102.45 -6.65 0.00	78.86 -5.45 0.00	73.02 -5.98 0.00	62.33 -5.34 0.00	52.19 -5.03 0.00	61.42 -5.88 0.00	80.24 -7.31 0.00	95.71 -8.93 0.00	108.46 -10.74 0.00	143.06 -13.96 0.00	161.50 -17.73 0.52	167.52 -19.61 2.31	133.10 -14.60 10.46	131.85 -16.51 9.02	131.96 -13.95 11.42	159.69 -12.52 6.48	159.78 -13.99 3.12	144.04 -15.68 3.92	121.19 -14.35 14.95	143.39 -14.40 1.40	154.12 -12.67 0.00	158.50 -8.10 0.00	144.33 -7.77 0.00

MORRIS_RIDGE___SOLAR 323848	87.74 -8.09 4.96	92.55 -6.88 9.67	75.37 -5.77 3.17	72.39 -5.41 1.20	59.92 -4.95 2.79	50.39 -4.54 2.28	56.00 -5.77 5.53	75.56 -7.76 4.23	90.06 -9.58 5.00	103.97 -10.70 4.53	136.95 -12.87 7.20	154.83 -15.43 9.48	164.37 -16.34 8.74	129.39 -13.79 14.99	130.29 -13.72 13.38	131.55 -13.14 12.65	150.43 -13.93 14.33	156.86 -14.90 5.12	131.73 -16.81 15.11	22.76 -15.59 112.13	141.71 -15.28 2.20	152.08 -12.60 2.11	146.71 -9.85 10.04	132.01 -9.79 10.29
MORTIMER_115KV_TB3 55949	94.28 -6.50 0.00	103.57 -5.52 0.00	79.63 -4.67 0.00	74.71 -4.29 0.00	63.88 -3.80 0.00	53.69 -3.53 0.00	62.86 -4.44 0.00	81.74 -5.81 0.00	97.71 -6.92 0.00	110.18 -9.02 0.00	144.85 -12.17 0.00	164.93 -14.29 0.53	172.42 -14.68 2.34	135.52 -12.05 10.60	136.22 -12.02 9.14	133.84 -11.92 11.57	161.56 -11.37 5.76	165.03 -9.11 2.74	153.43 -9.29 0.91	141.92 -8.57 0.00	149.02 -9.64 0.53	156.79 -10.00 0.00	158.69 -7.91 0.00	145.11 -6.99 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	104.42 3.63 0.00	112.86 3.76 0.00	87.32 3.02 0.00	81.70 2.70 0.00	70.09 2.42 0.00	59.45 2.24 0.00	70.12 2.82 0.00	91.24 3.69 0.00	108.72 4.08 0.00	124.13 4.93 0.00	164.33 7.31 0.00	187.73 8.08 0.10	197.97 8.97 0.45	164.12 8.01 2.05	163.71 8.09 1.77	162.83 7.73 2.24	185.06 7.48 1.12	194.06 8.71 -8.46	172.77 9.13 0.00	158.94 8.45 0.00	167.71 8.52 0.00	175.46 8.68 0.00	174.28 7.69 0.00	158.12 6.03 0.00
MUNSVILLE_WIND_PWR 323609	117.69 5.48 -11.42	137.34 5.99 -22.25	95.55 3.95 -7.29	85.89 4.12 -2.77	77.06 2.97 -6.43	65.65 3.19 -5.25	84.09 4.06 -12.74	102.65 5.38 -9.73	121.48 5.35 -11.50	135.08 5.47 -10.41	181.42 7.84 -16.56	209.83 9.85 -20.23	212.05 9.56 -13.05	168.56 7.88 -2.51	167.40 6.81 -3.20	160.04 8.31 5.60	190.33 9.07 -2.57	193.59 10.25 -6.45	179.95 11.52 -4.78	166.89 9.94 -6.46	171.37 9.80 -2.39	178.29 6.65 -4.86	195.17 5.49 -23.10	181.19 5.43 -23.67
N SALMON___HYD 24042	104.39 3.60 0.00	112.31 3.22 0.00	86.84 2.54 0.00	81.53 2.53 0.00	69.82 2.14 0.00	58.77 1.56 0.00	69.02 1.73 0.00	89.84 2.30 0.00	107.70 3.07 0.00	123.35 4.15 0.00	163.93 6.91 0.00	187.92 8.17 0.00	198.08 8.64 0.00	164.27 6.10 0.00	163.28 5.89 0.00	163.09 5.76 0.00	185.31 6.63 0.00	180.82 3.93 0.00	165.55 1.91 0.00	152.48 1.99 0.00	162.13 2.95 0.00	170.21 3.42 0.00	171.00 4.41 0.00	157.10 5.01 0.00
N.AKRON__115KV_KNAPP 355671	90.74 -10.05 0.00	101.20 -7.89 0.00	77.19 -7.11 0.00	72.38 -6.62 0.00	61.98 -5.69 0.00	51.73 -5.49 0.00	60.15 -7.15 0.00	78.27 -9.28 0.00	93.53 -11.11 0.00	104.88 -14.32 0.00	137.72 -19.29 0.00	156.62 -22.60 0.53	163.60 -23.50 2.34	127.56 -20.00 10.61	127.64 -20.60 9.15	125.24 -20.51 11.58	152.37 -19.77 6.55	157.44 -16.53 2.92	143.91 -16.61 3.12	119.90 -15.06 15.54	141.62 -16.66 0.90	149.90 -16.88 0.00	154.03 -12.56 0.00	141.04 -11.05 0.00
N.E_GEN_SANDY PD 24062	122.89 3.81 -18.29	120.42 4.09 -7.24	94.78 3.25 -7.22	98.69 3.04 -16.65	99.67 2.64 -29.36	95.62 2.32 -36.08	105.24 2.84 -35.11	113.82 3.59 -22.68	136.04 4.13 -27.27	160.51 4.71 -36.60	198.09 6.30 -34.78	218.17 7.10 -31.31	215.13 8.09 -17.59	185.62 7.07 -20.38	175.24 7.10 -10.76	177.04 6.86 -12.85	184.40 6.70 0.99	255.04 7.58 -70.57	174.69 7.65 -3.40	159.06 7.15 -1.42	166.73 7.55 0.00	174.77 7.71 -0.27	173.40 6.80 0.00	159.03 6.03 -0.91
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	103.48 2.69 0.00	111.89 2.80 0.00	86.51 2.20 0.00	80.87 1.87 0.00	69.36 1.69 0.00	58.78 1.57 0.00	69.37 2.07 0.00	90.29 2.75 0.00	107.68 3.04 0.00	122.94 3.74 0.00	162.48 5.46 0.00	185.69 6.05 0.10	195.78 6.80 0.46	162.20 6.12 2.09	161.82 6.24 1.80	160.94 5.89 2.28	183.04 5.49 1.14	191.50 6.74 -7.87	170.88 7.24 0.00	157.20 6.71 0.00	165.94 6.75 0.00	173.66 6.88 0.00	172.49 5.90 0.00	156.60 4.51 0.00
N.QUEENS_27_KV_LOAD 356247	104.71 3.92 0.00	112.88 3.78 0.00	87.56 3.26 0.00	81.77 2.77 0.00	70.14 2.47 0.00	59.53 2.31 0.00	70.22 2.92 0.00	91.39 3.84 0.00	108.87 4.24 0.00	124.39 5.19 0.00	164.71 7.69 0.00	187.89 8.25 0.10	198.30 9.31 0.45	164.51 8.40 2.05	164.07 8.46 1.77	163.12 8.03 2.24	185.51 7.94 1.12	194.70 9.35 -8.46	173.51 9.87 0.00	159.73 9.25 0.00	167.93 8.74 0.00	175.78 8.99 0.00	174.72 8.13 0.00	158.43 6.34 0.00
N.TROY___115KV_TB1 355778	105.27 4.48 0.00	113.99 4.89 0.00	88.15 3.84 0.00	82.64 3.64 0.00	70.81 3.13 0.00	59.89 2.67 0.00	70.52 3.22 0.00	91.65 4.11 0.00	109.53 4.89 0.00	124.77 5.57 0.00	164.41 7.39 0.00	188.11 8.36 0.00	198.35 8.91 0.00	165.77 7.61 0.00	165.01 7.62 0.00	164.79 7.46 0.00	186.51 7.83 0.00	280.07 8.50 -94.68	171.65 8.01 0.00	158.03 7.54 0.00	167.29 8.11 0.00	175.18 8.40 0.00	174.20 7.60 0.00	159.09 7.00 0.00
NARROWS_GT1_1 24228	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT1_2 24229	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT1_3 24230	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT1_4 24231	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT1_5 24232	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00

NARROWS_GT1_6 24233	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT1_7 24234	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT1_8 24235	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT2_1 24236	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT2_2 24237	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT2_3 24238	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT2_4 24239	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT2_5 24240	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT2_6 24241	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT2_7 24242	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NARROWS_GT2_8 24243	104.30 3.51 0.00	112.58 3.48 0.00	87.21 2.90 0.00	81.49 2.49 0.00	69.93 2.26 0.00	59.35 2.13 0.00	69.97 2.67 0.00	91.03 3.49 0.00	108.52 3.89 0.00	124.03 4.83 0.00	164.51 7.49 0.00	187.60 7.95 0.10	197.70 8.71 0.45	164.04 7.92 2.05	163.51 7.89 1.77	162.62 7.53 2.24	184.76 7.19 1.12	194.11 8.75 -8.46	172.87 9.24 0.00	158.81 8.32 0.00	167.64 8.45 0.00	175.17 8.39 0.00	174.16 7.57 0.00	157.79 5.70 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	107.01 6.22 0.00	115.84 6.74 0.00	89.48 5.18 0.00	83.90 4.90 0.00	71.92 4.25 0.00	60.91 3.70 0.00	71.66 4.36 0.00	93.14 5.60 0.00	111.54 6.91 0.00	127.19 7.99 0.00	167.63 10.61 0.00	191.73 12.07 0.09	201.43 12.37 0.38	166.43 9.99 1.73	165.27 9.38 1.49	164.97 9.52 1.89	188.82 11.07 0.94	126.41 12.01 62.49	174.66 11.02 0.00	160.70 10.21 0.00	170.02 10.84 0.00	177.77 10.99 0.00	176.88 10.29 0.00	161.75 9.66 0.00
NCHELSEA_115KV_TR2 355582	105.12 4.33 0.00	113.68 4.59 0.00	87.85 3.55 0.00	82.20 3.20 0.00	70.49 2.82 0.00	59.76 2.54 0.00	70.51 3.22 0.00	91.80 4.25 0.00	109.56 4.93 0.00	125.02 5.81 0.00	165.11 8.10 0.00	188.60 8.96 0.10	198.95 9.95 0.45	164.85 8.73 2.05	164.45 8.83 1.77	163.80 8.71 2.24	186.59 9.02 1.12	193.97 10.13 -6.96	173.93 10.29 0.00	160.05 9.56 0.00	168.96 9.77 0.00	176.69 9.90 0.00	175.47 8.87 0.00	159.31 7.22 0.00
NEG CAPITAL___MECHNVIL 23645	106.90 6.11 0.00	115.75 6.65 0.00	89.45 5.15 0.00	83.88 4.87 0.00	71.86 4.19 0.00	60.80 3.58 0.00	71.66 4.36 0.00	93.26 5.71 0.00	111.50 6.87 0.00	126.98 7.78 0.00	167.35 10.34 0.00	191.58 11.83 0.00	201.95 12.51 0.00	168.67 10.51 0.00	168.03 10.64 0.00	167.90 10.57 0.00	190.66 11.98 0.00	268.39 12.47 -79.02	175.40 11.76 0.00	161.31 10.83 0.00	170.69 11.50 0.00	178.70 11.91 0.00	177.62 11.03 0.00	161.88 9.79 0.00
NEG CENTRAL_HIGH_ACRES 23767	80.66 -7.15 12.97	77.27 -6.55 25.28	70.62 -5.40 8.29	70.89 -4.97 3.14	56.01 -4.36 7.30	47.36 -3.89 5.96	48.08 -4.74 14.47	70.36 -6.14 11.05	84.29 -7.29 13.06	98.06 -9.31 11.83	125.73 -12.47 18.82	141.31 -14.47 23.97	155.37 -14.91 19.16	123.37 -12.32 22.48	124.73 -12.09 20.57	130.33 -11.91 15.09	153.57 -11.71 13.41	158.45 -9.89 8.55	153.49 -9.83 0.32	138.40 -8.89 3.20	149.14 -10.05 0.00	150.72 -10.55 5.52	131.23 -9.12 26.24	116.97 -8.23 26.89

NEG CENTRAL___DRP 24199	97.57 -3.22 0.00	106.27 -2.83 0.00	81.99 -2.32 0.00	76.88 -2.12 0.00	65.79 -1.89 0.00	55.54 -1.67 0.00	65.34 -1.96 0.00	85.10 -2.45 0.00	101.72 -2.92 0.00	115.10 -4.09 0.00	151.45 -5.56 0.00	172.62 -6.75 0.38	181.02 -6.73 1.70	145.11 -5.35 7.71	145.51 -5.23 6.65	143.95 -4.96 8.41	170.14 -4.35 4.19	172.04 -3.04 1.81	160.78 -2.86 0.00	147.73 -2.76 0.00	155.76 -3.43 0.00	163.20 -3.58 0.00	163.58 -3.02 0.00	149.01 -3.08 0.00
NEG CENTRAL___INDECK 23768	88.66 -6.63 5.50	92.75 -5.63 10.72	76.02 -4.77 3.52	73.33 -4.34 1.33	60.70 -3.87 3.10	51.14 -3.55 2.53	56.14 -5.02 6.14	75.75 -7.11 4.69	89.15 -9.94 5.54	102.02 -12.16 5.02	132.30 -16.73 7.98	149.65 -19.63 10.47	159.46 -20.52 9.46	125.56 -17.03 15.59	126.47 -16.98 13.94	127.83 -16.60 12.89	157.82 -16.60 4.26	155.07 -15.77 6.05	151.91 -16.81 -5.08	221.05 -15.71 -86.28	140.81 -16.27 2.11	148.99 -15.46 2.34	142.22 -13.25 11.13	127.75 -12.94 11.41
NEG CENTRAL___SENECA 23627	97.06 -3.73 0.00	105.97 -3.12 0.00	81.66 -2.64 0.00	76.59 -2.41 0.00	65.52 -2.15 0.00	55.27 -1.94 0.00	64.96 -2.34 0.00	84.62 -2.93 0.00	101.18 -3.45 0.00	114.36 -4.84 0.00	150.32 -6.70 0.00	171.27 -8.03 0.45	179.41 -8.06 1.98	142.79 -6.43 8.95	143.37 -6.30 7.71	141.69 -5.87 9.76	168.73 -5.09 4.87	171.30 -3.49 2.10	160.04 -3.59 0.00	147.11 -3.38 0.00	155.07 -4.12 0.00	162.39 -4.39 0.00	163.15 -3.44 0.00	148.63 -3.46 0.00
NEG CENTRAL___STATE_STREET 24147	98.66 -2.13 0.00	107.21 -1.89 0.00	82.76 -1.54 0.00	77.78 -1.23 0.00	66.53 -1.14 0.00	56.14 -1.07 0.00	66.23 -1.06 0.00	86.30 -1.25 0.00	103.15 -1.49 0.00	116.79 -2.41 0.00	153.74 -3.28 0.00	175.21 -4.19 0.35	184.15 -3.74 1.55	148.25 -2.89 7.03	148.20 -3.12 6.06	146.82 -2.83 7.68	172.59 -2.27 3.83	174.29 -1.41 1.19	164.53 -0.78 -1.67	149.80 -0.68 0.00	158.54 -1.61 -0.97	165.36 -1.43 0.00	165.31 -1.29 0.00	150.40 -1.69 0.00
NEG MILLWOOD___DRP 24198	105.47 4.69 0.00	114.02 4.92 0.00	88.15 3.85 0.00	82.47 3.46 0.00	70.72 3.05 0.00	59.95 2.74 0.00	70.74 3.44 0.00	92.10 4.56 0.00	109.92 5.28 0.00	125.48 6.28 0.00	165.90 8.88 0.00	189.56 9.91 0.10	199.90 10.90 0.45	165.66 9.52 2.04	165.28 9.65 1.76	164.58 9.47 2.23	187.46 9.88 1.11	195.82 11.08 -7.85	174.89 11.25 0.00	160.90 10.41 0.00	169.81 10.62 0.00	177.55 10.76 0.00	176.23 9.64 0.00	159.92 7.83 0.00
NEG NORTH_FLCN_SEA 23793	102.04 1.25 0.00	108.69 -0.41 0.00	84.14 -0.17 0.00	79.52 0.52 0.00	68.20 0.53 0.00	57.15 -0.07 0.00	67.31 0.01 0.00	87.30 -0.25 0.00	104.32 -0.31 0.00	119.52 0.32 0.00	160.10 3.08 0.00	183.66 3.91 0.00	193.53 4.09 0.00	160.30 2.13 0.00	159.28 1.89 0.00	159.10 1.77 0.00	179.81 1.13 0.00	174.20 -2.68 0.00	159.48 -4.17 0.00	147.70 -2.79 0.00	158.15 -1.03 0.00	167.39 0.61 0.00	169.06 2.47 0.00	155.49 3.40 0.00
NEG NORTH_KES_CHATEGAY 23792	102.57 1.79 0.00	110.09 0.99 0.00	85.16 0.85 0.00	80.09 1.09 0.00	68.68 1.01 0.00	57.88 0.66 0.00	68.02 0.72 0.00	88.39 0.85 0.00	105.78 1.15 0.00	121.11 1.91 0.00	160.39 3.37 0.00	183.89 4.14 0.00	193.61 4.16 0.00	160.57 2.41 0.00	159.51 2.13 0.00	159.42 2.09 0.00	181.04 2.35 0.00	176.15 -0.74 0.00	161.22 -2.42 0.00	148.80 -1.69 0.00	158.37 -0.82 0.00	166.62 -0.17 0.00	167.53 0.94 0.00	153.79 1.70 0.00
NEG NORTH___ALICE_FALLS 23915	103.18 2.39 0.00	110.33 1.24 0.00	85.36 1.06 0.00	80.44 1.44 0.00	68.99 1.32 0.00	57.95 0.74 0.00	68.23 0.93 0.00	88.58 1.04 0.00	105.94 1.30 0.00	121.31 2.12 0.00	161.92 4.90 0.00	185.68 5.93 0.00	195.54 6.09 0.00	161.89 3.72 0.00	160.81 3.43 0.00	160.91 3.58 0.00	182.65 3.96 0.00	177.58 0.69 0.00	162.54 -1.10 0.00	150.22 -0.26 0.00	160.40 1.22 0.00	169.22 2.44 0.00	170.39 3.79 0.00	156.53 4.44 0.00
NEG NORTH___LWR_SARANAC 23913	103.18 2.39 0.00	110.33 1.24 0.00	85.36 1.06 0.00	80.44 1.44 0.00	68.99 1.32 0.00	57.95 0.74 0.00	68.23 0.93 0.00	88.58 1.04 0.00	105.94 1.30 0.00	121.31 2.12 0.00	161.92 4.90 0.00	185.68 5.93 0.00	195.54 6.09 0.00	161.89 3.72 0.00	160.81 3.43 0.00	160.91 3.58 0.00	182.65 3.96 0.00	177.58 0.69 0.00	162.54 -1.10 0.00	150.22 -0.26 0.00	160.40 1.22 0.00	169.22 2.44 0.00	170.39 3.79 0.00	156.53 4.44 0.00
NEG NORTH___PLATTSBURG 23628	103.17 2.39 0.00	110.36 1.25 0.00	85.36 1.06 0.00	80.44 1.44 0.00	68.99 1.32 0.00	57.95 0.74 0.00	68.23 0.93 0.00	88.58 1.03 0.00	105.94 1.30 0.00	121.29 2.09 0.00	161.92 4.90 0.00	185.68 5.93 0.00	195.55 6.11 0.00	161.89 3.72 0.00	160.81 3.43 0.00	160.91 3.58 0.00	182.65 3.96 0.00	177.59 0.70 0.00	162.54 -1.10 0.00	150.22 -0.26 0.00	160.41 1.22 0.00	169.22 2.43 0.00	170.39 3.79 0.00	156.53 4.43 0.00
NEG WEST_LEA_LOCKPORT 23791	88.35 -12.44 0.00	98.70 -10.40 0.00	75.30 -9.01 0.00	70.60 -8.40 0.00	60.38 -7.29 0.00	50.33 -6.89 0.00	58.42 -8.87 0.00	75.94 -11.61 0.00	90.70 -13.94 0.00	101.73 -17.47 0.00	133.79 -23.23 0.00	152.13 -27.08 0.54	159.16 -27.94 2.34	123.82 -23.73 10.61	124.04 -24.20 9.15	122.02 -23.72 11.59	147.88 -23.85 6.96	153.11 -20.83 2.96	139.42 -20.67 3.55	113.15 -18.80 18.53	137.71 -20.51 0.97	146.22 -20.57 0.00	151.00 -15.59 0.00	138.39 -13.70 0.00
NEG WEST___LANCASTER 23811	92.89 -7.90 0.00	102.84 -6.26 0.00	78.88 -5.42 0.00	74.00 -5.00 0.00	63.05 -4.62 0.00	52.76 -4.46 0.00	61.59 -5.71 0.00	80.21 -7.33 0.00	96.09 -8.54 0.00	108.23 -10.97 0.00	142.95 -14.07 0.00	162.39 -16.83 0.52	170.10 -17.03 2.31	133.28 -14.41 10.48	133.69 -14.66 9.03	131.84 -14.06 11.43	158.86 -13.21 6.62	162.16 -11.66 3.08	147.41 -12.24 3.99	121.83 -11.19 17.47	145.78 -12.12 1.29	155.50 -11.29 0.00	159.20 -7.40 0.00	146.25 -5.85 0.00
NEG_PENN_ALLEGHNY 23528	116.64 -1.21 -17.06	141.46 -0.87 -33.23	94.45 -0.75 -10.89	82.29 -0.84 -4.14	76.42 -0.86 -9.60	64.35 -0.71 -7.84	85.52 -0.80 -19.02	101.22 -0.85 -14.52	120.56 -1.25 -17.17	133.17 -1.58 -15.55	180.14 -1.61 -24.74	207.77 -2.36 -30.38	207.13 -2.52 -20.21	163.21 -1.98 -7.02	162.94 -2.09 -7.65	150.41 -2.06 4.86	182.25 -1.77 -5.33	182.43 -1.40 -6.94	161.95 -1.15 0.54	154.32 -1.06 -4.89	157.50 -1.09 0.60	173.18 -0.88 -7.28	200.38 -0.83 -34.62	186.13 -1.44 -35.48
NEG___GEN_MONROE 24207	94.51 -6.27 0.00	104.04 -5.06 0.00	79.90 -4.40 0.00	74.94 -4.06 0.00	64.11 -3.56 0.00	53.84 -3.38 0.00	63.01 -4.28 0.00	81.97 -5.58 0.00	97.97 -6.66 0.00	110.25 -8.94 0.00	144.71 -12.31 0.00	164.61 -14.61 0.53	171.96 -15.14 2.34	135.28 -12.29 10.60	135.89 -12.36 9.14	133.51 -12.25 11.57	161.38 -11.35 5.96	165.41 -8.73 2.75	153.32 -8.99 1.32	138.46 -8.27 3.76	149.26 -9.38 0.55	157.03 -9.76 0.00	159.26 -7.33 0.00	145.58 -6.52 0.00
NEPA___ENERGY 23901	91.68 -9.11 0.00	101.45 -7.65 0.00	78.11 -6.20 0.00	72.61 -6.39 0.00	61.89 -5.78 0.00	51.93 -5.29 0.00	60.84 -6.45 0.00	79.46 -8.09 0.00	94.40 -10.24 0.00	106.78 -12.42 0.00	141.60 -15.41 0.00	160.26 -18.97 0.52	166.77 -20.36 2.31	131.44 -16.27 10.45	131.72 -16.65 9.01	129.99 -15.93 11.41	156.70 -15.33 6.65	158.29 -15.52 3.08	144.37 -15.14 4.12	118.43 -13.68 18.38	143.48 -14.39 1.32	153.48 -13.30 0.00	156.12 -10.47 0.00	141.84 -10.25 0.00

NEVERSINK___HYD 23608	103.39 2.60 0.00	111.74 2.64 0.00	86.34 2.04 0.00	80.76 1.76 0.00	69.28 1.61 0.00	58.72 1.51 0.00	69.31 2.01 0.00	90.39 2.84 0.00	107.94 3.31 0.00	123.22 4.02 0.00	162.62 5.61 0.00	185.62 5.98 0.11	195.68 6.71 0.48	161.93 5.93 2.16	161.56 6.04 1.87	161.05 6.08 2.36	183.80 6.29 1.18	186.65 7.44 -2.32	171.37 7.73 0.00	157.62 7.13 0.00	166.51 7.32 0.00	174.02 7.24 0.00	172.82 6.23 0.00	156.77 4.67 0.00
NEWKRMKL_115KV_TB1 55635	104.62 3.83 0.00	113.26 4.16 0.00	87.56 3.25 0.00	82.05 3.04 0.00	70.30 2.63 0.00	59.50 2.29 0.00	69.90 2.61 0.00	90.62 3.07 0.00	108.24 3.60 0.00	123.40 4.20 0.00	162.67 5.65 0.00	186.25 6.50 0.00	196.25 6.81 0.00	163.77 5.60 0.00	162.50 5.11 0.00	162.14 4.81 0.00	183.10 4.42 0.00	167.78 5.14 14.26	168.67 5.03 0.00	155.37 4.88 0.00	164.42 5.24 0.00	172.08 5.29 0.00	171.37 4.78 0.00	157.06 4.97 0.00
NEWTON___FALLS_HYD 23847	103.30 2.51 0.00	111.60 2.50 0.00	86.26 1.95 0.00	80.87 1.87 0.00	68.96 1.29 0.00	58.04 0.82 0.00	68.10 0.81 0.00	88.62 1.07 0.00	106.40 1.77 0.00	121.57 2.38 0.00	160.37 3.35 0.00	183.69 3.94 0.00	193.28 3.84 0.00	160.86 2.69 0.00	159.23 1.84 0.00	159.69 2.36 0.00	180.91 2.22 0.00	178.60 1.71 0.00	164.60 0.96 0.00	149.99 -0.50 0.00	157.32 -1.87 0.00	165.69 -1.10 0.00	167.45 0.86 0.00	153.44 1.35 0.00
NGRID_A1_DSASP 323792	88.16 -12.63 0.00	98.17 -10.93 0.00	75.19 -9.11 0.00	70.60 -8.40 0.00	60.27 -7.40 0.00	50.25 -6.97 0.00	58.40 -8.90 0.00	75.75 -11.80 0.00	90.46 -14.17 0.00	101.29 -17.91 0.00	133.12 -23.90 0.00	151.48 -27.74 0.53	158.53 -28.57 2.35	123.43 -24.08 10.65	123.87 -24.33 9.18	121.89 -23.82 11.63	147.89 -24.03 6.76	152.38 -21.53 2.98	138.50 -21.55 3.59	113.19 -18.80 18.50	136.70 -21.49 1.00	145.57 -21.21 0.00	150.41 -16.18 0.00	138.43 -13.66 0.00
NGRID_A2_DSASP 323793	88.16 -12.63 0.00	98.17 -10.93 0.00	75.19 -9.11 0.00	70.60 -8.40 0.00	60.27 -7.40 0.00	50.25 -6.97 0.00	58.40 -8.90 0.00	75.75 -11.80 0.00	90.46 -14.17 0.00	101.29 -17.91 0.00	133.12 -23.90 0.00	151.48 -27.74 0.53	158.53 -28.57 2.35	123.43 -24.08 10.65	123.87 -24.33 9.18	121.89 -23.82 11.63	147.89 -24.03 6.76	152.38 -21.53 2.98	138.50 -21.55 3.59	113.19 -18.80 18.50	136.70 -21.49 1.00	145.57 -21.21 0.00	150.41 -16.18 0.00	138.43 -13.66 0.00
NGRID_A4_DSASP 323807	88.16 -12.63 0.00	98.17 -10.93 0.00	75.19 -9.11 0.00	70.60 -8.40 0.00	60.27 -7.40 0.00	50.25 -6.97 0.00	58.40 -8.90 0.00	75.75 -11.80 0.00	90.46 -14.17 0.00	101.29 -17.91 0.00	133.12 -23.90 0.00	151.48 -27.74 0.53	158.53 -28.57 2.35	123.43 -24.08 10.65	123.87 -24.33 9.18	121.89 -23.82 11.63	147.89 -24.03 6.76	152.38 -21.53 2.98	138.50 -21.55 3.59	113.19 -18.80 18.50	136.70 -21.49 1.00	145.57 -21.21 0.00	150.41 -16.18 0.00	138.43 -13.66 0.00
NIAGARA_115E_LBMP 323715	56.11 -13.06 31.61	36.82 -10.69 61.58	54.48 -9.63 20.19	62.41 -8.93 7.66	42.29 -7.58 17.79	35.48 -7.21 14.52	22.72 -9.32 35.25	48.42 -12.20 26.92	58.02 -14.80 31.82	71.92 -18.46 28.82	86.83 -24.35 45.83	94.05 -28.01 57.69	116.50 -29.34 43.60	92.12 -25.24 40.81	94.02 -25.29 38.08	110.97 -24.84 21.53	127.96 -25.12 25.61	136.43 -22.44 18.03	138.03 -22.02 3.58	112.60 -19.57 18.32	136.37 -21.81 1.01	131.39 -21.95 13.44	85.82 -16.84 63.93	72.09 -14.50 65.51
NIAGARA_115W_LBMP 323714	56.14 -12.63 32.02	35.74 -10.99 62.37	54.68 -9.18 20.45	62.80 -8.44 7.76	42.23 -7.42 18.02	35.52 -6.98 14.71	22.73 -8.87 35.70	48.51 -11.77 27.26	58.26 -14.15 32.22	72.17 -17.84 29.18	86.99 -23.60 46.42	94.11 -27.21 58.42	117.02 -28.29 44.14	92.95 -23.99 41.23	94.88 -24.03 38.48	112.08 -23.56 21.69	129.05 -23.74 25.89	136.98 -21.69 18.22	138.27 -21.80 3.57	113.44 -18.63 18.41	136.43 -21.76 0.99	131.83 -21.34 13.61	85.41 -16.43 64.75	72.07 -13.67 66.35
NIAGARA_230_LBMP 323716	57.11 -12.07 31.61	37.14 -10.39 61.57	55.39 -8.73 20.18	63.29 -8.05 7.66	42.78 -7.10 17.79	36.00 -6.69 14.52	23.54 -8.51 35.24	49.35 -11.28 26.91	59.29 -13.53 31.81	73.39 -17.00 28.81	88.74 -22.45 45.82	96.15 -25.92 57.68	118.81 -27.03 43.60	94.33 -22.97 40.87	96.30 -22.96 38.13	113.18 -22.56 21.59	130.28 -22.76 25.64	138.62 -20.26 18.02	140.18 -20.02 3.44	114.94 -17.85 17.70	138.34 -19.89 0.96	133.48 -19.87 13.44	87.08 -15.59 63.92	73.54 -13.06 65.50
NIAGARA___115KV_198_GIBSON 55903	88.08 -12.71 0.00	98.07 -11.03 0.00	75.13 -9.18 0.00	70.53 -8.47 0.00	60.21 -7.46 0.00	50.20 -7.02 0.00	58.34 -8.96 0.00	75.68 -11.87 0.00	90.39 -14.25 0.00	101.22 -17.98 0.00	133.03 -23.99 0.00	151.42 -27.80 0.53	158.37 -28.72 2.35	123.32 -24.19 10.65	123.76 -24.44 9.19	121.74 -23.96 11.63	147.75 -24.18 6.76	152.19 -21.72 2.97	138.26 -21.81 3.57	113.14 -18.94 18.41	136.44 -21.75 0.99	145.37 -21.42 0.00	150.24 -16.35 0.00	138.29 -13.80 0.00
NIAGARA___ 23760	57.03 -12.07 31.69	36.86 -10.39 61.86	55.34 -8.73 20.24	63.27 -8.05 7.68	42.74 -7.10 17.83	35.98 -6.69 14.55	23.49 -8.51 35.29	49.31 -11.28 26.95	59.25 -13.53 31.85	73.35 -17.00 28.85	88.68 -22.45 45.88	96.09 -25.92 57.75	118.77 -27.03 43.65	94.31 -22.97 40.88	96.29 -22.96 38.14	113.20 -22.56 21.58	130.27 -22.76 25.65	138.60 -20.26 18.03	140.14 -20.02 3.48	114.74 -17.85 17.89	138.33 -19.89 0.97	133.46 -19.87 13.45	86.97 -15.59 64.03	73.38 -13.06 65.65
NINE_MILE_1 23575	96.08 -4.71 0.00	104.28 -4.82 0.00	80.53 -3.78 0.00	75.45 -3.55 0.00	64.62 -3.05 0.00	54.64 -2.57 0.00	64.26 -3.03 0.00	83.62 -3.93 0.00	99.93 -4.71 0.00	113.68 -5.53 0.00	149.74 -7.28 0.00	166.81 -8.49 4.45	160.85 -8.87 19.72	61.47 -7.36 89.34	73.10 -7.25 77.04	52.61 -7.20 97.52	122.21 -7.87 48.61	148.55 -7.37 20.96	156.80 -6.84 0.00	144.18 -6.30 0.00	152.34 -6.84 0.01	159.63 -7.15 0.00	159.58 -7.01 0.00	145.57 -6.53 0.00
NINE_MILE_2 23744	96.11 -4.68 0.00	104.28 -4.82 0.00	80.53 -3.78 0.00	75.47 -3.54 0.00	64.63 -3.04 0.00	54.64 -2.57 0.00	64.26 -3.03 0.00	83.63 -3.92 0.00	99.95 -4.69 0.00	113.68 -5.53 0.00	149.74 -7.28 0.00	166.78 -8.49 4.48	160.70 -8.87 19.88	60.81 -7.34 90.02	72.52 -7.24 77.63	51.86 -7.20 98.27	121.84 -7.86 48.98	148.39 -7.37 21.12	156.80 -6.84 0.00	144.18 -6.30 0.00	152.34 -6.84 0.01	159.65 -7.13 0.00	159.58 -7.01 0.00	145.57 -6.53 0.00
NM_CAPITAL___DRP 24208	104.54 3.75 0.00	113.16 4.06 0.00	87.49 3.18 0.00	82.01 3.01 0.00	70.26 2.59 0.00	59.47 2.25 0.00	69.88 2.58 0.00	90.66 3.11 0.00	108.28 3.64 0.00	123.40 4.20 0.00	162.67 5.65 0.00	186.26 6.51 0.00	196.30 6.85 0.00	163.90 5.74 0.00	162.77 5.38 0.00	162.43 5.10 0.00	183.48 4.79 0.00	233.05 5.50 -50.66	168.96 5.32 0.00	155.64 5.15 0.00	164.70 5.52 0.00	172.43 5.64 0.00	171.66 5.07 0.00	157.22 5.13 0.00
NM_CENTRAL___DRP 24181	97.68 -3.11 0.00	106.05 -3.05 0.00	81.88 -2.43 0.00	76.71 -2.29 0.00	65.68 -1.99 0.00	55.55 -1.67 0.00	65.35 -1.95 0.00	85.09 -2.46 0.00	101.65 -2.99 0.00	115.63 -3.57 0.00	152.45 -4.58 0.00	173.75 -5.49 0.51	181.48 -5.71 2.26	143.35 -4.59 10.23	144.11 -4.44 8.83	141.81 -4.34 11.17	168.64 -4.48 5.57	170.68 -3.81 2.40	160.12 -3.52 0.00	147.13 -3.36 0.00	155.42 -3.77 0.00	162.85 -3.93 0.00	162.77 -3.82 0.00	148.29 -3.80 0.00

NM_FRONTIER___DRP 24179	88.08 -12.71 0.00	98.07 -11.03 0.00	75.13 -9.18 0.00	70.53 -8.47 0.00	60.21 -7.46 0.00	50.20 -7.02 0.00	58.34 -8.96 0.00	75.68 -11.87 0.00	90.39 -14.25 0.00	101.22 -17.98 0.00	133.03 -23.99 0.00	151.42 -27.80 0.53	158.37 -28.72 2.35	123.32 -24.19 10.65	123.76 -24.44 9.19	121.74 -23.96 11.63	147.75 -24.18 6.76	152.19 -21.72 2.97	138.26 -21.81 3.57	113.14 -18.94 18.41	136.44 -21.75 0.99	145.37 -21.42 0.00	150.24 -16.35 0.00	138.29 -13.80 0.00
NM_ST_REGIS___HYD 24053	103.82 3.03 0.00	112.07 2.97 0.00	86.61 2.30 0.00	81.25 2.24 0.00	69.34 1.66 0.00	58.19 0.98 0.00	68.17 0.88 0.00	88.69 1.15 0.00	106.37 1.74 0.00	121.70 2.50 0.00	161.11 4.09 0.00	184.73 4.98 0.00	194.65 5.20 0.00	161.71 3.54 0.00	160.50 3.11 0.00	160.33 3.00 0.00	181.93 3.24 0.00	178.15 1.26 0.00	163.61 -0.03 0.00	150.21 -0.28 0.00	159.15 -0.04 0.00	166.90 0.11 0.00	167.68 1.09 0.00	154.80 2.71 0.00
NORTHPORT___1 23551	106.19 5.40 0.00	114.41 5.31 0.00	88.64 4.34 0.00	82.84 3.84 0.00	71.11 3.43 0.00	60.32 3.10 0.00	71.14 3.85 0.00	92.60 5.06 0.00	109.21 4.57 0.00	123.49 4.21 -0.08	168.77 6.45 -5.30	189.44 6.04 -3.65	210.66 6.38 -14.84	171.93 4.66 -9.09	166.55 4.38 -4.78	159.61 3.87 1.59	183.33 3.50 -1.15	200.14 4.55 -18.69	170.71 5.32 -1.75	155.44 4.96 0.00	163.74 4.39 -0.17	171.11 4.32 0.00	163.82 2.96 5.73	123.17 0.95 29.87
NORTHPORT___2 23552	106.19 5.40 0.00	114.41 5.31 0.00	88.64 4.34 0.00	82.84 3.84 0.00	71.11 3.43 0.00	60.32 3.10 0.00	71.14 3.85 0.00	92.60 5.06 0.00	109.21 4.57 0.00	123.18 4.21 0.23	147.16 6.45 16.30	174.14 6.04 11.65	148.36 6.38 47.47	126.51 4.66 36.32	139.85 4.38 21.92	156.94 3.87 4.26	174.11 3.50 8.08	158.45 4.55 23.00	163.58 5.32 5.38	155.44 4.96 0.00	163.06 4.39 0.51	171.10 4.32 0.01	163.17 2.96 6.38	123.17 0.95 29.87
NORTHPORT___3 23553	103.53 5.28 2.54	113.20 5.20 1.10	86.68 4.26 1.88	82.72 3.76 0.04	70.73 3.37 0.31	54.78 3.05 5.49	69.85 3.78 1.23	90.48 4.97 2.03	105.12 4.46 3.98	119.76 4.05 3.49	150.96 6.22 12.27	176.67 5.63 8.71	166.10 5.95 29.30	139.07 4.35 23.44	147.72 4.16 13.82	157.56 3.66 3.43	176.66 3.21 5.25	171.05 4.32 10.15	165.58 5.10 3.16	152.76 4.78 2.50	162.94 4.24 0.49	169.59 4.16 1.35	163.04 2.76 6.31	123.07 0.80 29.82
NORTHPORT___4 23650	103.53 5.28 2.54	113.20 5.20 1.10	86.68 4.26 1.88	82.72 3.76 0.04	70.73 3.37 0.31	54.78 3.05 5.49	69.85 3.78 1.23	90.48 4.97 2.03	105.12 4.46 3.98	119.76 4.05 3.49	150.96 6.22 12.27	176.67 5.63 8.71	166.10 5.95 29.30	139.07 4.35 23.44	147.72 4.16 13.82	157.56 3.66 3.43	176.66 3.21 5.25	171.05 4.32 10.15	165.58 5.10 3.16	152.76 4.78 2.50	162.94 4.24 0.49	169.59 4.16 1.35	163.04 2.76 6.31	123.07 0.80 29.82
NORTHPORT___IC 23718	106.22 5.44 0.00	114.47 5.37 0.00	88.65 4.34 0.00	82.86 3.86 0.00	71.11 3.44 0.00	60.32 3.10 0.00	71.18 3.88 0.00	92.63 5.09 0.00	109.26 4.62 0.00	123.21 4.25 0.23	147.27 6.56 16.30	174.23 6.12 11.65	148.41 6.43 47.47	126.56 4.71 36.32	139.97 4.50 21.92	157.02 3.95 4.26	174.19 3.58 8.08	158.45 4.56 23.00	163.58 5.32 5.38	155.50 5.02 0.00	163.06 4.39 0.51	171.10 4.32 0.01	163.10 2.90 6.38	123.30 1.08 29.87
NORTH___COUNTRY_ESR 323785	102.27 1.48 0.00	109.78 0.68 0.00	84.92 0.62 0.00	79.88 0.88 0.00	68.52 0.84 0.00	57.72 0.51 0.00	67.84 0.54 0.00	88.15 0.60 0.00	105.52 0.88 0.00	120.73 1.53 0.00	159.86 2.85 0.00	183.31 3.56 0.00	193.04 3.60 0.00	160.17 2.00 0.00	159.19 1.81 0.00	158.92 1.59 0.00	180.34 1.65 0.00	175.43 -1.46 0.00	160.66 -2.98 0.00	148.23 -2.25 0.00	157.75 -1.44 0.00	166.01 -0.77 0.00	166.91 0.31 0.00	153.23 1.14 0.00
NPX_GEN_1385_PROXY 323591	120.61 7.63 -12.19	143.51 7.78 -26.63	131.25 6.24 -40.71	87.42 5.59 -2.82	125.40 4.93 -52.80	163.34 4.36 -101.76	163.34 5.32 -90.72	120.10 6.99 -25.56	146.36 6.87 -34.86	181.25 6.79 -55.26	171.68 9.91 -4.75	189.56 9.92 0.10	199.47 10.48 0.45	193.61 8.08 -27.36	163.45 7.83 1.77	162.34 7.25 2.24	199.74 7.44 -13.61	197.70 8.42 -12.40	172.21 8.57 0.00	181.65 8.26 -22.90	185.02 7.89 -17.95	175.75 7.99 -0.97	167.40 6.69 5.89	126.55 4.33 29.87
NPX_GEN_CSC 323557	206.66 7.44 -98.43	159.38 7.56 -42.72	163.11 6.09 -72.71	85.96 5.45 -1.51	84.56 4.85 -12.03	274.02 4.30 -212.51	119.95 5.10 -47.55	174.93 6.62 -80.76	269.70 6.72 -158.35	259.51 7.04 -133.27	276.86 9.53 -110.31	263.16 8.77 -74.64	256.32 9.23 -57.64	219.04 6.16 -54.72	173.95 5.86 -10.70	160.14 4.66 1.85	191.31 4.82 -7.80	203.03 6.32 -19.82	172.26 7.57 -1.05	259.67 8.00 -101.18	173.15 6.45 -7.52	229.32 7.14 -55.39	173.30 6.49 -0.21	126.08 3.50 29.51
NSINS_S_GLNS_FALLS 23858	108.99 8.20 0.00	117.96 8.86 0.00	91.15 6.84 0.00	85.51 6.50 0.00	73.29 5.62 0.00	61.99 4.77 0.00	73.20 5.90 0.00	95.37 7.83 0.00	114.02 9.38 0.00	129.67 10.47 0.00	170.85 13.83 0.00	195.68 15.93 0.00	206.38 16.93 0.00	171.94 13.77 0.00	171.41 14.02 0.00	171.29 13.96 0.00	195.14 16.45 0.00	264.39 16.56 -70.94	179.30 15.66 0.00	164.87 14.38 0.00	174.33 15.14 0.00	182.73 15.94 0.00	181.41 14.82 0.00	165.05 12.96 0.00
NUCOR_STEEL___DRP 24197	98.61 -2.17 0.00	107.14 -1.97 0.00	82.71 -1.59 0.00	77.74 -1.26 0.00	66.51 -1.17 0.00	56.12 -1.10 0.00	66.21 -1.08 0.00	86.27 -1.28 0.00	103.13 -1.50 0.00	116.74 -2.47 0.00	153.73 -3.29 0.00	175.15 -4.27 0.34	184.21 -3.74 1.49	148.53 -2.89 6.76	148.31 -3.25 5.83	146.97 -2.99 7.38	172.48 -2.53 3.68	173.91 -1.83 1.15	164.18 -1.02 -1.56	149.55 -0.94 0.00	158.17 -1.91 -0.90	165.22 -1.56 0.00	165.08 -1.51 0.00	150.28 -1.82 0.00
NUMBER_THREE_WT_PWR 323818	103.81 3.02 0.00	112.06 2.96 0.00	86.59 2.28 0.00	81.25 2.25 0.00	69.37 1.71 0.00	58.61 1.39 0.00	68.97 1.67 0.00	89.80 2.25 0.00	107.85 3.21 0.00	123.08 3.88 0.00	162.01 4.99 0.00	185.27 5.61 0.09	194.20 5.16 0.41	160.32 4.00 1.84	158.28 2.48 1.59	159.30 3.98 2.01	182.27 4.59 1.00	181.59 5.13 0.43	168.12 4.49 0.00	152.31 1.82 0.00	158.32 -0.87 0.00	167.38 0.59 0.00	169.36 2.77 0.00	153.67 1.57 0.00
NYISO_LBMP_REFERENCE 24008	100.79 0.00 0.00	109.10 0.00 0.00	84.30 0.00 0.00	79.00 0.00 0.00	67.67 0.00 0.00	57.21 0.00 0.00	67.30 0.00 0.00	87.55 0.00 0.00	104.64 0.00 0.00	119.20 0.00 0.00	157.02 0.00 0.00	179.75 0.00 0.00	189.44 0.00 0.00	158.17 0.00 0.00	157.39 0.00 0.00	157.33 0.00 0.00	178.69 0.00 0.00	176.89 0.00 0.00	163.64 0.00 0.00	150.49 0.00 0.00	159.19 0.00 0.00	166.79 0.00 0.00	166.59 0.00 0.00	152.09 0.00 0.00
NYPA_BRENTWD____GT 24164	116.26 6.27 -9.20	119.49 6.39 -3.99	96.12 5.01 -6.80	83.77 4.62 -0.14	72.77 3.97 -1.12	80.63 3.54 -19.87	76.13 4.39 -4.44	100.77 5.68 -7.54	125.01 5.60 -14.78	137.25 5.58 -12.47	178.69 8.94 -12.74	197.37 9.02 -8.60	211.23 9.78 -12.01	174.33 7.79 -8.38	167.18 7.37 -2.41	162.46 7.03 1.90	186.21 7.32 -0.20	199.48 8.36 -14.23	173.50 8.96 -0.90	167.87 8.03 -9.36	167.49 7.53 -0.77	179.44 7.62 -5.03	167.58 6.00 5.02	126.52 3.11 28.69

NYPA_GOWANUS____GT5 24156	104.24	112.55	87.20	81.47	69.91	59.33	69.96	91.01	108.49	124.00	164.51	187.60	197.70	164.04	163.51	162.62	184.76	194.11	172.87	158.81	167.64	175.17	174.16	157.79
	3.45	3.45	2.89	2.47	2.24	2.12	2.66	3.46	3.85	4.80	7.49	7.95	8.71	7.92	7.89	7.53	7.19	8.75	9.24	8.32	8.45	8.39	7.57	5.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT6 24157	104.24	112.55	87.20	81.47	69.91	59.33	69.96	91.01	108.49	124.00	164.51	187.60	197.70	164.04	163.51	162.62	184.76	194.11	172.87	158.81	167.64	175.17	174.16	157.79
	3.45	3.45	2.89	2.47	2.24	2.12	2.66	3.46	3.85	4.80	7.49	7.95	8.71	7.92	7.89	7.53	7.19	8.75	9.24	8.32	8.45	8.39	7.57	5.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	104.42	112.61	87.36	81.57	69.97	59.37	70.07	91.15	108.57	124.07	164.25	187.41	197.78	164.05	163.54	162.61	184.91	194.21	173.05	159.13	167.52	175.26	174.29	157.96
	3.63	3.51	3.06	2.57	2.29	2.15	2.77	3.61	3.93	4.87	7.24	7.77	8.79	7.94	7.92	7.51	7.34	8.86	9.41	8.65	8.33	8.47	7.70	5.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	104.42	112.61	87.36	81.57	69.97	59.37	70.07	91.15	108.57	124.07	164.25	187.41	197.78	164.05	163.54	162.61	184.91	194.21	173.05	159.13	167.52	175.26	174.29	157.96
	3.63	3.51	3.06	2.57	2.29	2.15	2.77	3.61	3.93	4.87	7.24	7.77	8.79	7.94	7.92	7.51	7.34	8.86	9.41	8.65	8.33	8.47	7.70	5.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	104.23	112.56	87.21	81.53	69.95	59.36	70.01	91.04	108.54	124.02	164.53	187.70	197.91	164.17	163.67	162.79	184.93	194.27	173.01	158.93	167.78	175.35	174.25	157.96
	3.44	3.46	2.90	2.53	2.28	2.14	2.71	3.49	3.91	4.82	7.51	8.06	8.91	8.05	8.05	7.70	7.36	8.92	9.37	8.45	8.60	8.57	7.66	5.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	104.18	112.54	87.20	81.40	69.86	59.29	69.88	90.88	108.35	123.75	163.91	187.29	197.43	163.82	163.33	162.36	184.55	193.88	172.69	158.63	167.42	174.82	173.49	157.25
	3.40	3.44	2.89	2.40	2.19	2.07	2.58	3.33	3.71	4.55	6.90	7.65	8.44	7.70	7.71	7.27	6.99	8.54	9.06	8.15	8.24	8.04	6.90	5.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10	0.45	2.05	1.77	2.24	1.13	-8.45	0.01	0.01	0.01	0.01	0.00	0.00
NYPA_VERNON____GT2 24162	104.29	112.66	87.27	81.66	70.06	59.45	70.11	91.18	108.65	124.12	164.56	187.79	198.08	164.30	163.82	162.95	185.12	194.36	173.15	159.07	167.93	175.53	174.37	158.09
	3.50	3.56	2.96	2.65	2.38	2.24	2.82	3.63	4.01	4.92	7.54	8.15	9.08	8.19	8.20	7.85	7.55	9.01	9.50	8.58	8.74	8.75	7.78	6.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	104.29	112.66	87.27	81.66	70.06	59.45	70.11	91.18	108.65	124.12	164.56	187.79	198.08	164.30	163.82	162.95	185.12	194.36	173.15	159.07	167.93	175.53	174.37	158.09
	3.50	3.56	2.96	2.65	2.38	2.24	2.82	3.63	4.01	4.92	7.54	8.15	9.08	8.19	8.20	7.85	7.55	9.01	9.50	8.58	8.74	8.75	7.78	6.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	104.12	112.42	87.14	81.54	69.97	59.38	70.03	91.03	108.47	123.91	164.31	187.49	197.74	164.11	163.63	162.68	184.85	194.09	172.87	158.80	167.69	175.24	174.07	157.80
	3.33	3.32	2.84	2.54	2.30	2.16	2.73	3.48	3.84	4.71	7.29	7.85	8.75	7.99	8.01	7.58	7.28	8.74	9.24	8.31	8.50	8.46	7.48	5.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	104.12	112.42	87.14	81.54	69.97	59.38	70.03	91.03	108.47	123.91	164.31	187.49	197.74	164.11	163.63	162.68	184.85	194.09	172.87	158.80	167.69	175.24	174.07	157.80
	3.33	3.32	2.84	2.54	2.30	2.16	2.73	3.48	3.84	4.71	7.29	7.85	8.75	7.99	8.01	7.58	7.28	8.74	9.24	8.31	8.50	8.46	7.48	5.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	205.55	158.12	162.13	84.98	83.70	273.48	119.30	174.13	268.63	258.07	275.70	262.61	256.15	219.76	174.60	161.18	186.36	203.33	172.12	258.93	173.19	228.11	172.35	125.30
	6.26	6.27	5.06	4.48	3.98	3.60	4.41	5.76	5.53	5.50	8.14	8.06	8.57	6.50	6.31	5.68	5.75	6.31	7.38	7.19	6.47	6.87	5.55	2.78
	-98.50	-42.75	-72.77	-1.51	-12.04	-212.67	-47.59	-80.82	-158.46	-133.37	-110.54	-74.81	-58.14	-55.09	-10.90	1.83	-1.92	-20.13	-1.10	-101.26	-7.53	-54.45	-0.21	29.56
NYPA____HELLGATE_GT1 24158	104.42	112.61	87.36	81.57	69.97	59.37	70.07	91.15	108.57	124.07	164.25	187.41	197.78	164.05	163.54	162.61	184.91	194.21	173.05	159.13	167.52	175.26	174.29	157.96
	3.63	3.51	3.06	2.57	2.29	2.15	2.77	3.61	3.93	4.87	7.24	7.77	8.79	7.94	7.92	7.51	7.34	8.86	9.41	8.65	8.33	8.47	7.70	5.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	104.42	112.61	87.36	81.57	69.97	59.37	70.07	91.15	108.57	124.07	164.25	187.41	197.78	164.05	163.54	162.61	184.91	194.21	173.05	159.13	167.52	175.26	174.29	157.96
	3.63	3.51	3.06	2.57	2.29	2.15	2.77	3.61	3.93	4.87	7.24	7.77	8.79	7.94	7.92	7.51	7.34	8.86	9.41	8.65	8.33	8.47	7.70	5.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.45	2.05	1.77	2.24	1.12	-8.46	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	59.59	42.37	56.89	63.82	44.27	37.16	26.21	51.50	61.76	75.67	92.35	100.58	122.07	96.60	98.18	113.68	131.77	139.88	140.28	115.51	138.31	134.48	92.30	78.52
	-12.00	-9.83	-8.76	-8.10	-6.96	-6.64	-8.51	-11.17	-13.48	-16.91	-22.32	-25.84	-26.92	-23.07	-23.34	-22.89	-22.83	-20.15	-19.99	-17.79	-19.93	-19.89	-15.23	-13.05
	29.20	56.89	18.65	7.08	16.44	13.42	32.57	24.87	29.39	26.62	42.35	53.33	40.46	38.50	35.87	20.76	24.08	16.85	3.37	17.19	0.95	12.42	59.06	60.52
OAK ORCHARD____HYD 24046	77.48	70.79	68.88	70.63	54.42	45.97	44.13	67.46	80.78	94.93	120.61	134.79	150.67	119.53	121.04	128.79	151.74	157.01	153.44	142.11	149.01	149.65	124.54	110.25
	-6.45	-5.48	-4.66	-4.29	-3.77	-3.51	-4.37	-5.73	-6.89	-8.91	-11.97	-13.96	-14.44	-11.95	-11.78	-11.68	-11.12	-9.12	-9.29	-8.38	-9.65	-9.97	-7.97	-6.92
	16.86	32.83	10.76	4.08	9.48	7.74	18.79	14.35	16.96	15.37	24.44	31.00	24.34	26.70	24.56	16.86	15.83	10.77	0.91	0.00	0.53	7.17	34.09	34.93

OAKDALE___35_KV_LOAD 356122	98.92 -1.86 0.00	107.55 -1.56 0.00	83.03 -1.28 0.00	77.68 -1.32 0.00	66.42 -1.25 0.00	56.16 -1.06 0.00	66.08 -1.22 0.00	86.10 -1.45 0.00	102.65 -1.98 0.00	116.72 -2.48 0.00	154.22 -2.79 0.00	175.62 -3.67 0.46	183.49 -3.92 2.04	145.90 -3.04 9.23	146.56 -2.87 7.95	144.41 -2.85 10.07	171.18 -2.76 4.75	173.34 -2.37 1.19	160.95 -2.05 0.64	153.83 -1.84 -5.18	156.58 -1.93 0.68	165.04 -1.75 0.00	164.99 -1.61 0.00	150.00 -2.10 0.00
OCC_CHEM___DRP 24175	88.16 -12.63 0.00	98.17 -10.93 0.00	75.19 -9.11 0.00	70.60 -8.40 0.00	60.27 -7.40 0.00	50.25 -6.97 0.00	58.40 -8.90 0.00	75.75 -11.80 0.00	90.46 -14.17 0.00	101.29 -17.91 0.00	133.12 -23.90 0.00	151.48 -27.74 0.53	158.53 -28.57 2.35	123.43 -24.08 10.65	123.87 -24.33 9.18	121.89 -23.82 11.63	147.89 -24.03 6.76	152.38 -21.53 2.98	138.50 -21.55 3.59	113.19 -18.80 18.50	136.70 -21.49 1.00	145.57 -21.21 0.00	150.41 -16.18 0.00	138.43 -13.66 0.00
OH_GEN_PROXY 24063	55.30 -11.90 33.58	33.36 -10.32 65.42	54.23 -8.62 21.45	62.90 -7.96 8.14	41.74 -7.02 18.90	35.20 -6.58 15.43	21.51 -8.34 37.45	47.90 -11.04 28.60	57.61 -13.22 33.80	71.94 -16.65 30.61	86.37 -21.95 48.69	93.12 -25.37 61.26	116.78 -26.48 46.19	92.92 -22.48 42.76	95.00 -22.45 39.94	113.10 -22.01 22.22	186.95 -22.15 -30.41	138.20 -19.74 18.95	140.90 -19.48 3.25	117.04 -17.38 16.06	138.88 -19.35 0.95	134.14 -19.35 13.30	83.34 -15.33 67.92	69.56 -12.93 69.60
OLIN_CORP_DRP 24177	87.84 -12.95 0.00	98.45 -10.65 0.00	74.91 -9.40 0.00	70.21 -8.79 0.00	60.16 -7.51 0.00	50.09 -7.12 0.00	58.02 -9.27 0.00	75.42 -12.12 0.00	89.98 -14.66 0.00	100.87 -18.33 0.00	132.62 -24.39 0.00	150.97 -28.25 0.53	157.80 -29.30 2.35	122.54 -25.01 10.62	122.93 -25.29 9.16	120.94 -24.80 11.59	146.92 -25.03 6.74	152.02 -21.89 2.98	138.44 -21.56 3.64	112.39 -19.50 18.60	136.81 -21.36 1.02	145.16 -21.63 0.00	150.29 -16.30 0.00	137.81 -14.28 0.00
OLIN_CORP_DSASP 323712	88.16 -12.63 0.00	98.17 -10.93 0.00	75.19 -9.11 0.00	70.60 -8.40 0.00	60.27 -7.40 0.00	50.25 -6.97 0.00	58.40 -8.90 0.00	75.75 -11.80 0.00	90.46 -14.17 0.00	101.29 -17.91 0.00	133.12 -23.90 0.00	151.48 -27.74 0.53	158.53 -28.57 2.35	123.43 -24.08 10.65	123.87 -24.33 9.18	121.89 -23.82 11.63	147.89 -24.03 6.76	152.38 -21.53 2.98	138.50 -21.55 3.59	113.19 -18.80 18.50	136.70 -21.49 1.00	145.57 -21.21 0.00	150.41 -16.18 0.00	138.43 -13.66 0.00
ONEIDA_HERK_LFGE 323681	103.51 2.72 0.00	111.86 2.76 0.00	86.44 2.14 0.00	81.09 2.09 0.00	69.40 1.73 0.00	58.69 1.48 0.00	69.10 1.81 0.00	90.03 2.49 0.00	107.93 3.30 0.00	123.02 3.82 0.00	162.11 5.09 0.13	185.28 5.66 0.56	194.53 5.65 4.63	160.25 4.63 2.55	159.36 4.17 2.20	159.35 4.81 2.78	182.90 5.60 1.39	182.37 6.07 0.60	169.04 5.40 0.00	154.46 3.97 0.00	162.08 2.89 0.00	170.39 3.60 0.00	170.87 4.28 0.00	155.36 3.27 0.00
ONEIDA___115KV_TB4 55905	102.76 1.97 0.00	111.27 2.18 0.00	86.05 1.74 0.00	80.72 1.72 0.00	69.19 1.52 0.00	58.60 1.39 0.00	69.01 1.71 0.00	89.93 2.39 0.00	107.64 3.00 0.00	122.56 3.36 0.00	161.63 4.61 0.00	184.60 5.13 0.28	193.41 5.20 1.23	157.07 4.50 5.59	157.23 4.67 4.82	156.21 4.99 6.11	181.39 5.75 3.04	182.01 6.29 1.17	169.62 5.47 -0.51	154.93 4.44 0.00	163.57 4.09 -0.29	171.15 4.37 0.00	170.89 4.30 0.00	155.44 3.35 0.00
ONONDAGA_REF_OCCRA 23987	98.35 -2.44 0.00	106.78 -2.32 0.00	82.43 -1.87 0.00	77.23 -1.77 0.00	66.10 -1.58 0.00	55.93 -1.29 0.00	65.87 -1.43 0.00	85.72 -1.82 0.00	102.38 -2.25 0.00	116.48 -2.72 0.00	153.65 -3.37 0.00	175.04 -4.19 0.52	182.93 -4.22 2.29	144.38 -3.41 10.38	145.20 -3.24 8.95	143.00 -3.00 11.33	170.07 -2.98 5.65	172.27 -2.45 2.17	162.39 -2.21 -0.96	148.35 -2.14 0.00	157.39 -2.35 -0.55	164.33 -2.46 0.00	164.04 -2.56 0.00	149.34 -2.75 0.00
ONONDAGA___COGEN 23986	98.21 -2.58 0.00	106.63 -2.48 0.00	82.32 -1.98 0.00	77.18 -1.82 0.00	66.08 -1.59 0.00	55.88 -1.34 0.00	65.79 -1.51 0.00	85.66 -1.89 0.00	102.35 -2.29 0.00	116.35 -2.85 0.00	153.40 -3.62 0.00	174.98 -4.48 0.29	183.64 -4.51 1.30	148.73 -3.56 5.88	148.84 -3.48 5.07	147.56 -3.36 6.42	172.17 -3.32 3.20	173.01 -2.67 1.21	161.84 -2.40 -0.60	148.19 -2.29 0.00	156.87 -2.67 -0.35	164.01 -2.78 0.00	163.83 -2.76 0.00	149.20 -2.89 0.00
ONTARIO___LFGE 23819	86.99 -3.69 10.11	86.31 -3.10 19.69	75.21 -2.64 6.46	74.14 -2.41 2.45	59.84 -2.14 5.69	50.63 -1.94 4.64	53.72 -2.30 11.27	76.02 -2.92 8.61	91.02 -3.44 10.17	105.18 -4.81 9.22	135.78 -6.58 14.66	153.14 -7.88 18.72	166.35 -7.93 15.17	133.21 -6.36 18.60	134.26 -6.16 16.96	138.61 -5.78 12.94	162.82 -4.96 10.90	166.50 -3.48 6.91	160.04 -3.59 0.00	147.19 -3.29 0.00	155.07 -4.11 0.00	158.13 -4.36 4.30	142.64 -3.51 20.44	127.72 -3.42 20.95
ORANGEVILLE_WT_PWR 323706	75.31 -9.28 16.20	69.69 -7.85 31.56	67.39 -6.57 10.35	68.94 -6.14 3.93	52.97 -5.59 9.12	44.55 -5.22 7.44	42.66 -6.58 18.06	64.96 -8.78 13.79	77.54 -10.79 16.30	91.98 -12.45 14.76	118.10 -15.43 23.49	131.68 -18.26 29.81	146.85 -19.16 23.43	116.11 -16.20 25.85	117.38 -16.24 23.77	125.29 -15.66 16.37	143.38 -15.96 19.34	149.83 -16.05 11.00	134.74 -18.02 10.88	56.60 -16.55 77.34	140.28 -17.13 1.78	144.91 -14.98 6.89	122.40 -11.43 32.76	107.99 -10.53 33.58
ORANGEVILLE___ESR 323794	75.31 -9.28 16.20	69.69 -7.85 31.56	67.39 -6.57 10.35	68.94 -6.14 3.93	52.97 -5.59 9.12	44.55 -5.22 7.44	42.66 -6.58 18.06	64.96 -8.78 13.79	77.54 -10.79 16.30	91.98 -12.45 14.76	118.10 -15.43 23.49	131.68 -18.26 29.81	146.85 -19.16 23.43	116.11 -16.20 25.85	117.38 -16.24 23.77	125.29 -15.66 16.37	143.38 -15.96 19.34	149.83 -16.05 11.00	134.74 -18.02 10.88	56.60 -16.55 77.34	140.28 -17.13 1.78	144.91 -14.98 6.89	122.40 -11.43 32.76	107.99 -10.53 33.58
OSWEGATCHIE___HYD 24044	103.31 2.52 0.00	111.61 2.51 0.00	86.26 1.96 0.00	80.87 1.87 0.00	68.96 1.29 0.00	58.04 0.82 0.00	68.11 0.81 0.00	88.62 1.08 0.00	106.40 1.76 0.00	121.58 2.38 0.00	160.36 3.35 0.00	183.74 3.99 0.00	193.28 3.84 0.00	160.86 2.69 0.00	159.23 1.85 0.00	159.69 2.36 0.00	180.91 2.22 0.00	178.60 1.71 0.00	164.61 0.96 0.00	149.99 -0.50 0.00	157.32 -1.87 0.00	165.67 -1.11 0.00	167.45 0.86 0.00	153.45 1.35 0.00
OSWEGO___5 23606	96.78 -4.01 0.00	105.06 -4.04 0.00	81.11 -3.19 0.00	76.02 -2.98 0.00	65.09 -2.58 0.00	55.03 -2.18 0.00	64.73 -2.56 0.00	84.23 -3.32 0.00	100.66 -3.98 0.00	114.47 -4.73 0.00	150.84 -6.17 0.00	173.87 -7.24 -1.36	187.93 -7.56 -6.04	179.30 -6.22 -27.35	174.80 -6.16 -23.58	181.11 -6.07 -29.86	186.97 -6.60 -14.88	177.25 -6.06 -6.42	158.04 -5.60 0.00	145.30 -5.19 0.00	153.49 -5.70 0.00	160.89 -5.90 0.00	160.86 -5.74 0.00	146.67 -5.42 0.00
OSWEGO___6 23613	96.78 -4.01 0.00	105.06 -4.04 0.00	81.11 -3.19 0.00	76.02 -2.98 0.00	65.09 -2.58 0.00	55.03 -2.18 0.00	64.73 -2.56 0.00	84.23 -3.32 0.00	100.66 -3.98 0.00	114.47 -4.73 0.00	150.84 -6.17 0.00	173.87 -7.24 -1.36	187.93 -7.56 -6.04	179.30 -6.22 -27.35	174.80 -6.16 -23.58	181.11 -6.07 -29.86	186.97 -6.60 -14.88	177.25 -6.06 -6.42	158.04 -5.60 0.00	145.30 -5.19 0.00	153.49 -5.70 0.00	160.89 -5.90 0.00	160.86 -5.74 0.00	146.67 -5.42 0.00

OUTOKUMPU-AB___DRP 24206	89.56 -11.22 0.00	99.78 -9.32 0.00	76.27 -8.03 0.00	71.54 -7.46 0.00	61.13 -6.54 0.00	51.00 -6.21 0.00	59.30 -7.99 0.00	77.02 -10.52 0.00	92.05 -12.58 0.00	103.19 -16.01 0.00	135.79 -21.22 0.00	154.52 -24.70 0.53	161.75 -25.35 2.34	126.15 -21.41 10.60	126.31 -21.93 9.15	124.47 -21.28 11.58	150.87 -21.04 6.78	155.44 -18.47 2.99	141.24 -18.62 3.77	114.42 -16.63 19.43	139.57 -18.57 1.05	148.51 -18.27 0.00	153.06 -13.53 0.00	140.51 -11.59 0.00
OXBOW___BTM 323836	56.48 -11.98 32.33	35.90 -10.22 62.97	54.98 -8.68 20.64	63.15 -8.02 7.83	42.45 -7.02 18.19	35.72 -6.64 14.85	22.81 -8.44 36.04	48.83 -11.18 27.53	58.67 -13.43 32.54	72.47 -17.27 29.46	87.35 -22.79 46.87	94.47 -26.30 58.98	117.69 -27.22 44.53	93.56 -23.11 41.50	95.32 -23.33 38.74	112.81 -22.76 21.75	129.73 -22.87 26.09	137.87 -20.64 18.38	139.24 -20.72 3.68	113.55 -17.97 18.97	137.47 -20.69 1.03	132.70 -20.34 13.74	85.56 -15.66 65.38	71.91 -13.20 66.99
OXBOW___ 24026	88.71 -12.07 0.00	98.81 -10.29 0.00	75.61 -8.69 0.00	70.95 -8.06 0.00	60.61 -7.06 0.00	50.54 -6.67 0.00	58.76 -8.54 0.00	76.25 -11.29 0.00	91.11 -13.52 0.00	101.77 -17.43 0.00	133.84 -23.17 0.00	152.32 -26.90 0.53	159.48 -27.62 2.35	124.23 -23.31 10.63	124.51 -23.71 9.16	122.56 -23.17 11.60	148.66 -23.25 6.77	153.27 -20.63 2.98	139.24 -20.72 3.68	113.24 -18.27 18.97	137.51 -20.65 1.03	146.37 -20.42 0.00	151.02 -15.57 0.00	138.79 -13.30 0.00
OXY_CHEM_DSASP 323612	88.16 -12.63 0.00	98.17 -10.93 0.00	75.19 -9.11 0.00	70.60 -8.40 0.00	60.27 -7.40 0.00	50.25 -6.97 0.00	58.40 -8.90 0.00	75.75 -11.80 0.00	90.46 -14.17 0.00	101.29 -17.91 0.00	133.12 -23.90 0.00	151.48 -27.74 0.53	158.53 -28.57 2.35	123.43 -24.08 10.65	123.87 -24.33 9.18	121.89 -23.82 11.63	147.89 -24.03 6.76	152.38 -21.53 2.98	138.50 -21.55 3.59	113.19 -18.80 18.50	136.70 -21.49 1.00	145.57 -21.21 0.00	150.41 -16.18 0.00	138.43 -13.66 0.00
OZONE_PARK_ESR 323760	105.29 4.50 0.00	113.79 4.69 0.00	88.03 3.72 0.00	82.33 3.33 0.00	70.63 2.96 0.00	59.92 2.71 0.00	70.70 3.40 0.00	92.01 4.46 0.00	109.69 5.06 0.00	125.31 6.11 0.00	165.94 8.92 0.00	189.69 10.04 0.10	200.10 11.11 0.45	165.89 9.77 2.05	165.51 9.90 1.77	164.62 9.53 2.24	187.07 9.50 1.12	196.25 10.90 -8.46	174.80 11.16 0.00	160.86 10.37 0.00	169.70 10.52 0.00	177.55 10.76 0.00	176.32 9.73 0.00	159.85 7.76 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	88.16 -12.63 0.00	98.17 -10.93 0.00	75.19 -9.11 0.00	70.60 -8.40 0.00	60.27 -7.40 0.00	50.25 -6.97 0.00	58.40 -8.90 0.00	75.75 -11.80 0.00	90.46 -14.17 0.00	101.29 -17.91 0.00	133.12 -23.90 0.00	151.48 -27.74 0.53	158.53 -28.57 2.35	123.43 -24.08 10.65	123.87 -24.33 9.18	121.89 -23.82 11.63	147.89 -24.03 6.76	152.38 -21.53 2.98	138.50 -21.55 3.59	113.19 -18.80 18.50	136.70 -21.49 1.00	145.57 -21.21 0.00	150.41 -16.18 0.00	138.43 -13.66 0.00
PACKARD__115KV_DUPONT_184 80571	56.18 -12.55 32.06	35.76 -10.88 62.46	54.73 -9.10 20.48	62.87 -8.36 7.77	42.26 -7.36 18.05	35.56 -6.93 14.73	22.74 -8.81 35.75	48.53 -11.71 27.31	58.29 -14.07 32.27	72.20 -17.76 29.23	87.03 -23.50 46.50	94.15 -27.09 58.51	117.10 -28.15 44.20	93.02 -23.87 41.27	94.95 -23.92 38.52	112.20 -23.43 21.70	129.17 -23.60 25.93	137.13 -21.51 18.25	138.53 -21.52 3.59	113.49 -18.50 18.50	136.66 -21.53 1.00	132.02 -21.14 13.63	85.48 -16.27 64.84	72.11 -13.54 66.45
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	104.22 3.44 0.00	112.44 3.34 0.00	87.18 2.87 0.00	81.45 2.44 0.00	69.87 2.20 0.00	59.29 2.07 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.52 3.89 0.00	124.02 4.82 0.00	164.19 7.17 0.00	187.35 7.71 0.10	197.67 8.67 0.45	164.01 7.90 2.05	163.54 7.92 1.77	162.58 7.49 2.24	184.90 7.33 1.12	194.05 8.70 -8.46	172.84 9.20 0.00	158.99 8.51 0.00	167.34 8.15 0.00	175.04 8.25 0.00	173.87 7.28 0.00	157.61 5.52 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	106.13 5.34 0.00	114.58 5.48 0.00	88.82 4.51 0.00	83.02 4.02 0.00	71.24 3.57 0.00	60.45 3.24 0.00	71.35 4.05 0.00	92.84 5.29 0.00	110.69 6.05 0.00	126.48 7.28 0.00	167.49 10.47 0.00	191.13 11.48 0.10	201.65 12.65 0.45	167.26 11.14 2.05	166.74 11.12 1.77	165.89 10.80 2.24	188.68 11.11 1.12	197.90 12.55 -8.46	176.31 12.67 0.00	162.08 11.59 0.00	170.62 11.43 0.00	178.43 11.65 0.00	177.36 10.77 0.00	160.75 8.66 0.00
PATROON__115KV_TB1 80586	104.89 4.10 0.00	113.54 4.44 0.00	87.78 3.48 0.00	82.25 3.25 0.00	70.49 2.82 0.00	59.65 2.44 0.00	70.08 2.79 0.00	90.87 3.32 0.00	108.55 3.92 0.00	123.76 4.56 0.00	163.15 6.14 0.00	186.83 7.09 0.00	196.87 7.43 0.00	164.28 6.12 0.00	163.08 5.69 0.00	162.68 5.35 0.00	183.77 5.09 0.00	193.32 5.84 -10.59	169.28 5.64 0.00	155.93 5.44 0.00	164.98 5.80 0.00	172.70 5.91 0.00	171.96 5.36 0.00	157.57 5.47 0.00
PATTRSNVILLE___SOLAR 323815	103.96 3.17 0.00	112.52 3.42 0.00	86.92 2.62 0.00	81.47 2.47 0.00	69.83 2.15 0.00	59.12 1.90 0.00	69.64 2.34 0.00	90.67 3.13 0.00	108.42 3.78 0.00	123.11 3.91 0.00	161.72 4.70 0.00	184.74 5.07 0.09	194.59 5.54 0.40	160.72 4.36 1.81	160.71 4.88 1.56	160.94 5.59 1.97	184.57 6.86 0.98	238.87 7.21 -54.77	170.42 6.78 0.00	156.73 6.24 0.00	165.64 6.45 0.00	173.44 6.66 0.00	172.73 6.14 0.00	157.39 5.30 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	92.50 -8.28 0.00	102.59 -6.51 0.00	78.60 -5.71 0.00	73.69 -5.31 0.00	62.87 -4.80 0.00	52.56 -4.65 0.00	61.29 -6.01 0.00	79.77 -7.77 0.00	95.52 -9.12 0.00	107.52 -11.68 0.00	141.91 -15.11 0.00	161.30 -17.93 0.52	168.95 -18.17 2.32	132.24 -15.41 10.51	132.54 -15.78 9.07	130.78 -15.07 11.48	157.72 -14.23 6.74	161.58 -12.25 3.06	146.69 -12.85 4.10	119.27 -11.72 19.50	145.16 -12.79 1.24	154.75 -12.04 0.00	158.64 -7.96 0.00	145.56 -6.53 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	105.47 4.69 0.00	114.02 4.92 0.00	88.15 3.85 0.00	82.47 3.46 0.00	70.72 3.05 0.00	59.95 2.74 0.00	70.74 3.44 0.00	92.10 4.56 0.00	109.92 5.28 0.00	125.48 6.28 0.00	165.90 8.88 0.00	189.56 9.91 0.10	199.90 10.90 0.45	165.66 9.52 2.04	165.28 9.65 1.76	164.58 9.47 2.23	187.46 9.88 1.11	195.82 11.08 -7.85	174.89 11.25 0.00	160.90 10.41 0.00	169.81 10.62 0.00	177.55 10.76 0.00	176.23 9.64 0.00	159.92 7.83 0.00
PEEKSKILL___ 23653	103.83 3.04 0.00	112.26 3.16 0.00	86.81 2.51 0.00	81.19 2.19 0.00	69.63 1.96 0.00	59.02 1.81 0.00	69.61 2.31 0.00	90.63 3.08 0.00	108.00 3.36 0.00	123.31 4.11 0.00	162.99 5.97 0.00	186.22 6.57 0.10	196.37 7.39 0.45	162.72 6.61 2.06	162.32 6.71 1.78	161.45 6.37 2.25	183.61 6.05 1.12	192.51 7.33 -8.30	171.40 7.76 0.00	157.65 7.16 0.00	166.50 7.31 0.00	174.19 7.40 0.00	173.02 6.42 0.00	157.03 4.94 0.00
PGE MADISON___WINDPWR 24146	106.27 5.48 0.00	115.11 6.01 0.00	88.26 3.96 0.00	83.12 4.12 0.00	70.63 2.96 0.00	60.40 3.19 0.00	71.35 4.06 0.00	92.92 5.37 0.00	109.98 5.34 0.00	124.68 5.48 0.00	164.85 7.83 0.00	189.16 9.83 0.42	197.15 9.56 1.86	157.63 7.86 8.40	156.97 6.82 7.25	156.44 8.28 9.17	183.53 9.07 4.23	188.18 10.28 -1.01	179.97 11.55 -4.78	166.89 9.94 -6.46	171.37 9.79 -2.39	173.44 6.65 0.00	172.11 5.52 0.00	157.54 5.44 0.00

PIERCEFIELD___HYD 23852	103.48 2.70 0.00	111.89 2.79 0.00	86.47 2.16 0.00	81.05 2.05 0.00	69.11 1.44 0.00	57.95 0.73 0.00	67.80 0.51 0.00	88.20 0.66 0.00	105.77 1.13 0.00	120.97 1.77 0.00	159.87 2.85 0.00	183.32 3.58 0.00	193.12 3.67 0.00	160.62 2.45 0.00	159.38 2.00 0.00	159.15 1.82 0.00	180.49 1.80 0.00	177.07 0.18 0.00	162.82 -0.82 0.00	149.28 -1.20 0.00	157.91 -1.27 0.00	165.55 -1.24 0.00	166.31 -0.28 0.00	153.74 1.64 0.00
PINELAWN_CC_1 323563	111.04 5.87 -4.38	116.89 5.89 -1.90	92.18 4.64 -3.23	83.19 4.13 -0.07	71.86 3.65 -0.54	69.95 3.29 -9.45	73.50 4.09 -2.11	96.55 5.41 -3.59	116.97 5.29 -7.04	130.63 5.50 -5.93	170.91 8.60 -5.30	192.03 8.78 -3.51	202.28 9.55 -3.29	167.02 7.54 -1.32	164.12 7.45 0.72	162.12 6.96 2.17	185.18 7.30 0.81	194.99 8.36 -9.74	172.83 9.01 -0.18	162.67 8.02 -4.16	167.19 7.68 -0.33	176.63 7.60 -2.24	168.01 6.24 4.83	129.82 3.61 25.89
PJM_GEN_HTP_PROXY 323702	104.31 3.52 0.00	114.41 3.64 -1.67	83.98 2.94 3.26	81.62 2.62 0.00	70.02 2.35 0.00	59.40 2.19 0.00	70.05 2.75 0.00	91.14 3.60 0.00	108.62 3.98 0.00	124.02 4.82 0.00	164.15 7.14 0.00	187.55 7.90 0.10	197.82 8.83 0.45	163.98 7.86 2.05	163.57 7.95 1.77	153.60 7.60 11.33	184.81 7.24 1.12	212.60 8.60 -27.11	164.25 9.02 8.40	160.22 8.31 -1.42	167.65 8.47 0.00	175.37 8.59 0.00	174.21 7.62 0.00	158.04 5.95 0.00
PJM_GEN_KEystone 24065	64.77 -3.37 32.65	44.28 -2.89 61.93	57.84 -2.36 24.11	68.74 -2.35 7.91	47.15 -2.14 18.38	40.27 -1.95 15.00	27.13 -2.31 37.86	69.80 -2.89 14.86	67.98 -3.79 32.86	84.85 -4.59 29.76	104.17 -5.51 47.34	113.64 -6.78 59.33	119.26 -6.99 63.20	115.59 -5.52 37.05	117.05 -5.40 34.93	126.08 -5.47 25.79	149.95 -5.82 22.91	224.51 -4.88 -52.50	149.60 -4.18 9.86	144.78 -3.70 2.01	154.41 -4.13 0.64	149.06 -3.85 13.88	97.33 -3.24 66.03	80.96 -3.47 67.66
PJM_GEN_NEPTUNE_PROXY 323594	105.39 4.60 0.00	115.29 4.52 -1.67	84.68 3.63 3.26	82.21 3.21 0.00	70.55 2.88 0.00	59.84 2.63 0.00	70.58 3.29 0.00	91.84 4.30 0.00	108.73 4.09 0.00	123.48 4.28 0.00	163.83 6.81 0.00	186.54 6.89 0.10	196.56 7.57 0.45	162.22 6.10 2.05	161.74 6.12 1.77	151.70 5.70 11.34	183.21 5.64 1.12	210.61 6.60 -27.11	162.53 7.30 8.40	158.73 6.82 -1.42	165.76 6.58 0.00	173.31 6.52 0.00	165.61 5.30 6.28	123.34 3.08 31.83
PJM_GEN_VFT_PROXY 323633	103.80 3.01 0.00	113.86 3.09 -1.67	83.60 2.55 3.26	81.23 2.23 0.00	69.70 2.03 0.00	59.14 1.92 0.00	69.73 2.44 0.00	90.74 3.19 0.00	108.07 3.43 0.00	123.50 4.30 0.00	163.35 6.34 0.00	186.56 6.92 0.10	196.75 7.76 0.46	163.11 6.99 2.05	162.67 7.05 1.77	152.68 6.69 11.34	183.76 6.19 1.12	211.66 7.66 -27.11	163.36 8.12 8.40	159.44 7.54 -1.42	166.76 7.57 0.00	174.53 7.75 0.00	173.44 6.85 0.00	157.29 5.20 0.00
PLATSBURG_115KV_PMLD1 355749	102.49 1.70 0.00	109.46 0.36 0.00	84.71 0.41 0.00	79.93 0.93 0.00	68.56 0.89 0.00	57.53 0.32 0.00	67.75 0.45 0.00	87.89 0.34 0.00	105.02 0.39 0.00	120.26 1.06 0.00	160.61 3.59 0.00	184.18 4.43 0.00	194.10 4.65 0.00	160.77 2.60 0.00	159.75 2.36 0.00	159.58 2.25 0.00	180.69 2.00 0.00	175.36 -1.53 0.00	160.48 -3.16 0.00	148.43 -2.06 0.00	158.57 -0.62 0.00	167.55 0.77 0.00	168.94 2.35 0.00	155.34 3.25 0.00
PLEASANTVLY___LBMP 24000	103.93 3.14 0.00	112.38 3.28 0.00	86.89 2.59 0.00	81.33 2.32 0.00	69.74 2.07 0.00	59.09 1.87 0.00	69.70 2.41 0.00	90.65 3.10 0.00	108.10 3.46 0.00	123.31 4.11 0.00	162.82 5.80 0.00	185.97 6.32 0.10	196.23 7.23 0.44	162.64 6.47 2.00	162.27 6.60 1.72	161.48 6.32 2.18	183.68 6.08 1.09	193.45 7.02 -9.54	171.19 7.55 0.00	157.49 7.00 0.00	166.25 7.07 0.00	174.01 7.22 0.00	172.82 6.22 0.00	157.06 4.96 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	104.40 3.61 0.00	112.86 3.77 0.00	87.27 2.97 0.00	81.64 2.64 0.00	70.03 2.35 0.00	59.36 2.14 0.00	70.01 2.72 0.00	91.10 3.56 0.00	108.61 3.98 0.00	123.94 4.74 0.00	163.87 6.85 0.00	187.24 7.59 0.10	197.53 8.54 0.45	163.63 7.51 2.04	163.30 7.67 1.76	162.43 7.33 2.23	184.78 7.20 1.11	193.79 8.35 -8.55	172.35 8.71 0.00	158.59 8.10 0.00	167.37 8.18 0.00	175.12 8.33 0.00	173.92 7.33 0.00	157.87 5.77 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	104.40 3.61 0.00	112.86 3.77 0.00	87.27 2.97 0.00	81.64 2.64 0.00	70.03 2.35 0.00	59.36 2.14 0.00	70.01 2.72 0.00	91.10 3.56 0.00	108.61 3.98 0.00	123.94 4.74 0.00	163.87 6.85 0.00	187.24 7.59 0.10	197.53 8.54 0.45	163.63 7.51 2.04	163.30 7.67 1.76	162.43 7.33 2.23	184.78 7.20 1.11	193.79 8.35 -8.55	172.35 8.71 0.00	158.59 8.10 0.00	167.37 8.18 0.00	175.12 8.33 0.00	173.92 7.33 0.00	157.87 5.77 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	105.14 4.35 0.00	113.68 4.59 0.00	87.86 3.56 0.00	82.21 3.21 0.00	70.51 2.84 0.00	59.77 2.55 0.00	70.51 3.22 0.00	91.80 4.25 0.00	109.56 4.93 0.00	125.02 5.81 0.00	165.18 8.16 0.00	188.65 9.00 0.10	199.09 10.09 0.45	164.91 8.78 2.03	164.54 8.90 1.75	163.86 8.75 2.22	186.74 9.16 1.11	194.26 10.18 -7.19	174.04 10.40 0.00	160.15 9.66 0.00	169.02 9.84 0.00	176.71 9.92 0.00	175.48 8.89 0.00	159.35 7.26 0.00
POLETTI____ 23519	104.12 3.33 0.00	112.64 3.54 0.00	87.16 2.85 0.00	81.55 2.55 0.00	69.96 2.29 0.00	59.35 2.14 0.00	70.01 2.71 0.00	91.08 3.54 0.00	108.46 3.83 0.00	123.86 4.66 0.00	164.14 7.12 0.00	187.53 7.89 0.10	197.82 8.83 0.45	163.98 7.86 2.05	163.57 7.95 1.77	162.65 7.56 2.24	184.74 7.17 1.12	193.85 8.50 -8.46	172.57 8.93 0.00	158.79 8.30 0.00	167.53 8.34 0.00	175.27 8.48 0.00	174.04 7.45 0.00	157.93 5.83 0.00
POMONA___ESR 323819	103.45 2.66 0.00	111.89 2.79 0.00	86.51 2.21 0.00	80.86 1.86 0.00	69.34 1.67 0.00	58.78 1.57 0.00	69.34 2.04 0.00	90.29 2.74 0.00	107.67 3.03 0.00	122.93 3.73 0.00	162.47 5.45 0.00	185.62 5.97 0.10	195.71 6.73 0.46	162.15 6.07 2.09	161.76 6.17 1.80	160.86 5.81 2.28	183.01 5.46 1.14	191.52 6.76 -7.87	170.87 7.23 0.00	157.15 6.66 0.00	165.95 6.76 0.00	173.66 6.87 0.00	172.53 5.93 0.00	156.60 4.51 0.00
PORT_JEFF_3 23555	207.32 6.54 -99.99	159.05 6.55 -43.40	163.43 5.26 -73.86	85.20 4.67 -1.53	84.05 4.15 -12.22	276.81 3.72 -215.87	120.17 4.56 -48.31	175.54 5.96 -82.03	271.28 5.79 -160.85	260.44 5.86 -135.38	277.58 8.61 -111.96	264.09 8.58 -75.76	256.86 9.11 -58.30	220.63 7.04 -55.43	174.96 6.78 -10.79	161.65 6.18 1.85	186.85 6.30 -1.86	203.35 6.63 -19.83	172.37 7.70 -1.03	260.68 7.41 -102.79	173.81 6.99 -7.64	229.48 7.42 -55.27	173.02 6.13 -0.30	125.84 3.27 29.52
PORT_JEFF_4 23616	207.32 6.54 -99.99	159.05 6.55 -43.40	163.43 5.26 -73.86	85.20 4.67 -1.53	84.05 4.15 -12.22	276.81 3.72 -215.87	120.17 4.56 -48.31	175.54 5.96 -82.03	271.28 5.79 -160.85	260.44 5.86 -135.38	277.58 8.61 -111.96	264.09 8.58 -75.76	256.86 9.11 -58.30	220.63 7.04 -55.43	174.96 6.78 -10.79	161.65 6.18 1.85	186.85 6.30 -1.86	203.35 6.63 -19.83	172.37 7.70 -1.03	260.68 7.41 -102.79	173.81 6.99 -7.64	229.48 7.42 -55.27	173.02 6.13 -0.30	125.84 3.27 29.52

PORT_JEFF_IC 23713	212.91 6.76 -105.36	161.65 6.83 -45.73	167.57 5.44 -77.83	85.46 4.84 -1.61	84.85 4.30 -12.88	288.52 3.83 -227.47	122.90 4.70 -50.90	180.15 6.16 -86.44	280.17 6.04 -169.49	267.98 6.14 -142.64	283.25 8.98 -117.25	267.98 8.91 -79.32	258.34 9.53 -59.36	222.49 7.33 -56.99	175.10 7.15 -10.57	161.92 6.51 1.92	187.10 6.70 -1.71	202.34 6.41 -19.04	171.91 7.42 -0.85	266.16 7.36 -108.31	174.52 7.31 -8.02	232.89 7.87 -58.24	173.68 6.45 -0.64	126.42 3.70 29.37
PPL PILGRIM_ST_GT1 24216	116.26 6.27 -9.20	119.49 6.39 -3.99	96.12 5.01 -6.80	83.77 4.62 -0.14	72.77 3.97 -1.12	80.63 3.54 -19.87	76.13 4.39 -4.44	100.77 5.68 -7.54	125.01 5.60 -14.78	137.25 5.58 -12.47	178.69 8.94 -12.74	197.37 9.02 -8.60	211.23 9.78 -12.01	174.33 7.79 -8.38	167.18 7.37 -2.41	162.46 7.03 1.90	186.21 7.32 -0.20	199.48 8.36 -14.23	173.50 8.96 -0.90	167.87 8.03 -9.36	167.49 7.53 -0.77	179.44 7.62 -5.03	167.58 6.00 5.02	126.52 3.11 28.69
PPL PILGRIM_ST_GT2 24217	116.26 6.27 -9.20	119.49 6.39 -3.99	96.12 5.01 -6.80	83.77 4.62 -0.14	72.77 3.97 -1.12	80.63 3.54 -19.87	76.13 4.39 -4.44	100.77 5.68 -7.54	125.01 5.60 -14.78	137.25 5.58 -12.47	178.69 8.94 -12.74	197.37 9.02 -8.60	211.23 9.78 -12.01	174.33 7.79 -8.38	167.18 7.37 -2.41	162.46 7.03 1.90	186.21 7.32 -0.20	199.48 8.36 -14.23	173.50 8.96 -0.90	167.87 8.03 -9.36	167.49 7.53 -0.77	179.44 7.62 -5.03	167.58 6.00 5.02	126.52 3.11 28.69
PPL_SHRM_GT3 24213	207.55 7.44 -99.31	159.76 7.56 -43.11	163.77 6.09 -73.37	85.97 5.44 -1.52	84.66 4.84 -12.14	275.92 4.29 -214.42	120.39 5.11 -47.98	175.67 6.64 -81.48	271.13 6.72 -159.76	260.67 7.01 -134.46	277.74 9.65 -111.07	263.84 8.94 -75.15	256.44 9.46 -57.53	219.29 6.35 -54.76	174.00 6.07 -10.54	160.38 4.92 1.87	185.61 5.14 -1.79	202.97 6.58 -19.50	172.50 7.88 -0.98	260.80 8.22 -102.09	173.45 6.69 -7.58	229.06 7.37 -54.90	173.53 6.66 -0.27	126.28 3.63 29.44
PPL_SHRM_GT4 24214	207.55 7.44 -99.31	159.76 7.56 -43.11	163.77 6.09 -73.37	85.97 5.44 -1.52	84.66 4.84 -12.14	275.92 4.29 -214.42	120.39 5.11 -47.98	175.67 6.64 -81.48	271.13 6.72 -159.76	260.67 7.01 -134.46	277.74 9.65 -111.07	263.84 8.94 -75.15	256.44 9.46 -57.53	219.29 6.35 -54.76	174.00 6.07 -10.54	160.38 4.92 1.87	185.61 5.14 -1.79	202.97 6.58 -19.50	172.50 7.88 -0.98	260.80 8.22 -102.09	173.45 6.69 -7.58	229.06 7.37 -54.90	173.53 6.66 -0.27	126.28 3.63 29.44
PROJECT___ORANGE 1 24174	97.69 -3.10 0.00	106.08 -3.02 0.00	81.89 -2.42 0.00	76.71 -2.29 0.00	65.68 -1.99 0.00	55.56 -1.66 0.00	65.36 -1.94 0.00	85.09 -2.46 0.00	101.65 -2.99 0.00	115.63 -3.57 0.00	152.46 -4.56 0.00	173.75 -5.46 0.54	181.40 -5.66 2.38	142.82 -4.56 10.79	143.65 -4.43 9.31	141.23 -4.32 11.78	168.38 -4.44 5.87	170.60 -3.76 2.53	160.14 -3.50 0.00	147.17 -3.32 0.00	155.47 -3.71 0.00	162.93 -3.86 0.00	162.84 -3.75 0.00	148.30 -3.79 0.00
PROJECT___ORANGE 2 24166	97.69 -3.10 0.00	106.08 -3.02 0.00	81.89 -2.42 0.00	76.71 -2.29 0.00	65.68 -1.99 0.00	55.56 -1.66 0.00	65.36 -1.94 0.00	85.09 -2.46 0.00	101.65 -2.99 0.00	115.63 -3.57 0.00	152.46 -4.56 0.00	173.75 -5.46 0.54	181.40 -5.66 2.38	142.82 -4.56 10.79	143.65 -4.43 9.31	141.23 -4.32 11.78	168.38 -4.44 5.87	170.60 -3.76 2.53	160.14 -3.50 0.00	147.17 -3.32 0.00	155.47 -3.71 0.00	162.93 -3.86 0.00	162.84 -3.75 0.00	148.30 -3.79 0.00
PUCKETT___SOLAR 323809	116.47 0.14 -15.53	139.77 0.41 -30.26	94.34 0.11 -9.92	82.78 0.02 -3.77	76.11 -0.31 -8.75	64.29 -0.06 -7.14	84.66 0.05 -17.32	101.00 0.22 -13.23	120.15 -0.12 -15.63	132.79 -0.57 -14.16	179.21 -0.33 -22.52	206.76 -0.64 -27.64	206.83 -0.93 -18.32	163.43 -0.75 -6.01	163.35 -0.64 -6.60	152.06 -0.45 4.82	183.35 0.00 -4.66	184.28 0.50 -6.89	164.90 0.77 -0.49	156.05 0.70 -4.86	159.72 0.54 0.00	173.79 0.40 -6.60	198.35 0.35 -31.41	184.01 -0.27 -32.19
PYRITES___HYD 24023	105.26 4.48 0.00	113.76 4.67 0.00	87.93 3.63 0.00	82.40 3.40 0.00	70.28 2.61 0.00	59.00 1.78 0.00	69.10 1.80 0.00	89.90 2.35 0.00	107.87 3.24 0.00	123.30 4.10 0.00	162.57 5.55 0.00	186.26 6.51 0.00	196.32 6.88 0.00	163.37 5.20 0.00	162.08 4.70 0.00	162.22 4.89 0.00	184.68 5.99 0.00	181.37 4.49 0.00	166.88 3.24 0.00	153.06 2.57 0.00	161.93 2.75 0.00	169.55 2.76 0.00	169.76 3.16 0.00	156.74 4.64 0.00
QUAKERRD_115KV_BK1 80622	93.07 -7.72 0.00	101.96 -7.14 0.00	78.49 -5.82 0.00	73.62 -5.39 0.00	62.95 -4.72 0.00	53.01 -4.21 0.00	62.15 -5.15 0.00	80.81 -6.73 0.00	96.62 -8.02 0.00	109.14 -10.06 0.00	143.48 -13.54 0.00	163.48 -15.75 0.52	170.88 -16.26 2.31	134.34 -13.36 10.46	135.07 -13.29 9.02	132.79 -13.12 11.42	159.64 -13.16 5.89	163.01 -11.26 2.61	151.70 -11.00 0.94	136.67 -10.16 3.65	147.62 -11.23 0.33	155.02 -11.77 0.00	156.40 -10.19 0.00	142.93 -9.16 0.00
QUENSBRY_115KV_TB8 356137	109.79 9.00 0.00	118.82 9.72 0.00	91.81 7.51 0.00	86.14 7.14 0.00	73.84 6.17 0.00	62.44 5.23 0.00	73.79 6.49 0.00	96.21 8.66 0.00	114.97 10.33 0.00	130.67 11.47 0.00	172.17 15.16 0.00	197.24 17.49 0.00	208.23 18.78 0.00	173.25 15.08 0.00	172.76 15.37 0.00	172.56 15.23 0.00	196.93 18.24 0.00	265.64 18.20 -70.54	180.89 17.25 0.00	166.29 15.81 0.00	175.80 16.61 0.00	184.37 17.58 0.00	182.82 16.23 0.00	166.20 14.11 0.00
RAMAPO___LBMP 323565	103.22 2.43 0.00	111.65 2.55 0.00	86.30 2.00 0.00	80.67 1.67 0.00	69.20 1.53 0.00	58.63 1.42 0.00	69.19 1.90 0.00	90.09 2.54 0.00	107.39 2.76 0.00	122.64 3.44 0.00	162.02 5.01 0.00	185.17 5.52 0.10	195.23 6.25 0.46	161.68 5.61 2.10	161.33 5.76 1.81	160.42 5.38 2.29	182.47 4.92 1.14	190.80 6.18 -7.73	170.29 6.65 0.00	156.65 6.16 0.00	165.42 6.23 0.00	173.15 6.36 0.00	171.99 5.40 0.00	156.18 4.09 0.00
RANKINE____ 23646	91.35 -9.43 0.00	101.52 -7.58 0.00	77.76 -6.55 0.00	72.84 -6.16 0.00	62.21 -5.46 0.00	51.95 -5.26 0.00	60.54 -6.76 0.00	78.65 -8.90 0.00	94.05 -10.58 0.00	105.84 -13.36 0.00	139.66 -17.35 0.00	158.79 -20.43 0.52	166.21 -20.92 2.33	129.92 -17.71 10.54	130.24 -18.06 9.09	128.45 -17.37 11.51	154.90 -16.85 6.93	159.12 -14.72 3.05	143.97 -15.28 4.39	113.77 -13.91 22.81	142.81 -15.17 1.21	152.24 -14.54 0.00	156.35 -10.25 0.00	143.42 -8.67 0.00
RAVENSWOOD_GT2_1 24244	104.38 3.59 0.00	112.79 3.69 0.00	87.31 3.00 0.00	81.68 2.68 0.00	70.07 2.40 0.00	59.42 2.21 0.00	70.11 2.81 0.00	91.23 3.68 0.00	108.69 4.06 0.00	124.11 4.91 0.00	164.34 7.32 0.00	187.73 8.08 0.10	198.00 9.01 0.45	164.15 8.03 2.05	163.74 8.13 1.77	162.84 7.75 2.24	184.99 7.42 1.12	194.06 8.71 -8.46	172.77 9.13 0.00	158.95 8.47 0.00	167.71 8.52 0.00	175.46 8.67 0.00	174.26 7.67 0.00	158.12 6.03 0.00
RAVENSWOOD_GT2_2 24245	104.38 3.59 0.00	112.79 3.69 0.00	87.31 3.00 0.00	81.68 2.68 0.00	70.07 2.40 0.00	59.42 2.21 0.00	70.11 2.81 0.00	91.23 3.68 0.00	108.69 4.06 0.00	124.11 4.91 0.00	164.34 7.32 0.00	187.73 8.08 0.10	198.00 9.01 0.45	164.15 8.03 2.05	163.74 8.13 1.77	162.84 7.75 2.24	184.99 7.42 1.12	194.06 8.71 -8.46	172.77 9.13 0.00	158.95 8.47 0.00	167.71 8.52 0.00	175.46 8.67 0.00	174.26 7.67 0.00	158.12 6.03 0.00

RAVENSWOOD_GT2_3 24246	104.42 3.63 0.00	112.83 3.74 0.00	87.31 3.01 0.00	81.70 2.70 0.00	70.09 2.42 0.00	59.46 2.24 0.00	70.12 2.82 0.00	91.26 3.71 0.00	108.73 4.09 0.00	124.16 4.97 0.00	164.39 7.37 0.00	187.82 8.17 0.10	198.11 9.11 0.45	164.21 8.09 2.05	163.81 8.19 1.77	162.93 7.84 2.24	185.10 7.53 1.12	194.19 8.84 -8.46	172.87 9.23 0.00	159.05 8.56 0.00	167.83 8.64 0.00	175.55 8.76 0.00	174.35 7.75 0.00	158.19 6.10 0.00
RAVENSWOOD_GT2_4 24247	104.42 3.63 0.00	112.83 3.74 0.00	87.31 3.01 0.00	81.70 2.70 0.00	70.09 2.42 0.00	59.46 2.24 0.00	70.12 2.82 0.00	91.26 3.71 0.00	108.73 4.09 0.00	124.16 4.97 0.00	164.39 7.37 0.00	187.82 8.17 0.10	198.11 9.11 0.45	164.21 8.09 2.05	163.81 8.19 1.77	162.93 7.84 2.24	185.10 7.53 1.12	194.19 8.84 -8.46	172.87 9.23 0.00	159.05 8.56 0.00	167.83 8.64 0.00	175.55 8.76 0.00	174.35 7.75 0.00	158.19 6.10 0.00
RAVENSWOOD_GT3_1 24248	104.38 3.59 0.00	112.79 3.69 0.00	87.31 3.00 0.00	81.68 2.68 0.00	70.07 2.40 0.00	59.42 2.21 0.00	70.11 2.81 0.00	91.23 3.68 0.00	108.69 4.06 0.00	124.11 4.91 0.00	164.34 7.32 0.00	187.73 8.08 0.10	198.00 9.01 0.45	164.15 8.03 2.05	163.74 8.13 1.77	162.84 7.75 2.24	185.01 7.44 1.12	194.07 8.72 -8.46	172.77 9.13 0.00	158.97 8.48 0.00	167.71 8.52 0.00	175.46 8.67 0.00	174.26 7.67 0.00	158.12 6.03 0.00
RAVENSWOOD_GT3_2 24249	104.38 3.59 0.00	112.79 3.69 0.00	87.31 3.00 0.00	81.68 2.68 0.00	70.07 2.40 0.00	59.42 2.21 0.00	70.11 2.81 0.00	91.23 3.68 0.00	108.69 4.06 0.00	124.11 4.91 0.00	164.34 7.32 0.00	187.73 8.08 0.10	198.00 9.01 0.45	164.15 8.03 2.05	163.74 8.13 1.77	162.84 7.75 2.24	185.01 7.44 1.12	194.07 8.72 -8.46	172.77 9.13 0.00	158.97 8.48 0.00	167.71 8.52 0.00	175.46 8.67 0.00	174.26 7.67 0.00	158.12 6.03 0.00
RAVENSWOOD_GT3_3 24250	104.52 3.74 0.00	112.95 3.84 0.00	87.39 3.09 0.00	81.78 2.78 0.00	70.16 2.49 0.00	59.51 2.30 0.00	70.19 2.89 0.00	91.35 3.80 0.00	108.84 4.20 0.00	124.30 5.09 0.00	164.57 7.55 0.00	188.03 8.39 0.10	198.31 9.32 0.45	164.42 8.30 2.05	163.98 8.36 1.77	163.10 8.01 2.24	185.31 7.74 1.12	194.41 9.06 -8.46	173.09 9.45 0.00	159.23 8.74 0.00	167.99 8.80 0.00	175.75 8.97 0.00	174.53 7.93 0.00	158.34 6.25 0.00
RAVENSWOOD_GT3_4 24251	104.52 3.74 0.00	112.95 3.84 0.00	87.39 3.09 0.00	81.78 2.78 0.00	70.16 2.49 0.00	59.51 2.30 0.00	70.19 2.89 0.00	91.35 3.80 0.00	108.84 4.20 0.00	124.30 5.09 0.00	164.57 7.55 0.00	188.03 8.39 0.10	198.31 9.32 0.45	164.42 8.30 2.05	163.98 8.36 1.77	163.10 8.01 2.24	185.31 7.74 1.12	194.41 9.06 -8.46	173.09 9.45 0.00	159.23 8.74 0.00	167.99 8.80 0.00	175.75 8.97 0.00	174.53 7.93 0.00	158.34 6.25 0.00
RAVENSWOOD_GT_1 23729	104.33 3.54 0.00	112.66 3.56 0.00	87.26 2.96 0.00	81.68 2.67 0.00	70.07 2.40 0.00	59.46 2.24 0.00	70.12 2.83 0.00	91.19 3.64 0.00	108.69 4.06 0.00	124.15 4.95 0.00	164.62 7.60 0.00	187.89 8.24 0.10	198.16 9.16 0.45	164.40 8.28 2.05	163.94 8.32 1.77	163.04 7.95 2.24	185.21 7.64 1.12	194.37 9.02 -8.46	173.15 9.51 0.00	159.13 8.64 0.00	167.92 8.73 0.00	175.55 8.76 0.00	174.32 7.73 0.00	158.07 5.98 0.00
RAVENSWOOD_GT_10 24258	104.39 3.60 0.00	112.81 3.71 0.00	87.31 3.00 0.00	81.69 2.69 0.00	70.08 2.41 0.00	59.44 2.22 0.00	70.11 2.81 0.00	91.23 3.68 0.00	108.71 4.07 0.00	124.12 4.92 0.00	164.34 7.32 0.00	187.73 8.08 0.10	198.01 9.02 0.45	164.15 8.03 2.05	163.74 8.13 1.77	162.84 7.75 2.24	185.04 7.47 1.12	194.09 8.74 -8.46	172.77 9.13 0.00	158.97 8.48 0.00	167.72 8.54 0.00	175.48 8.69 0.00	174.28 7.69 0.00	158.13 6.04 0.00
RAVENSWOOD_GT_11 24259	104.39 3.60 0.00	112.81 3.71 0.00	87.31 3.00 0.00	81.69 2.69 0.00	70.08 2.41 0.00	59.44 2.22 0.00	70.11 2.81 0.00	91.23 3.68 0.00	108.71 4.07 0.00	124.12 4.92 0.00	164.34 7.32 0.00	187.73 8.08 0.10	198.01 9.02 0.45	164.15 8.03 2.05	163.74 8.13 1.77	162.84 7.75 2.24	185.04 7.47 1.12	194.09 8.74 -8.46	172.77 9.13 0.00	158.97 8.48 0.00	167.72 8.54 0.00	175.48 8.69 0.00	174.28 7.69 0.00	158.13 6.04 0.00
RAVENSWOOD_GT_4 24252	104.29 3.50 0.00	112.70 3.60 0.00	87.22 2.92 0.00	81.63 2.63 0.00	70.02 2.35 0.00	59.41 2.19 0.00	70.09 2.79 0.00	91.16 3.61 0.00	108.65 4.01 0.00	124.07 4.87 0.00	164.27 7.25 0.00	187.61 7.96 0.10	197.92 8.92 0.45	164.11 7.99 2.05	163.65 8.03 1.77	162.78 7.69 2.24	184.95 7.38 1.12	194.04 8.69 -8.46	172.76 9.12 0.00	158.91 8.43 0.00	167.68 8.50 0.00	175.35 8.56 0.00	174.16 7.57 0.00	157.99 5.90 0.00
RAVENSWOOD_GT_5 24254	104.29 3.50 0.00	112.70 3.60 0.00	87.22 2.92 0.00	81.63 2.63 0.00	70.02 2.35 0.00	59.41 2.19 0.00	70.09 2.79 0.00	91.16 3.61 0.00	108.65 4.01 0.00	124.07 4.87 0.00	164.27 7.25 0.00	187.61 7.96 0.10	197.92 8.92 0.45	164.11 7.99 2.05	163.65 8.03 1.77	162.78 7.69 2.24	184.95 7.38 1.12	194.04 8.69 -8.46	172.76 9.12 0.00	158.91 8.43 0.00	167.68 8.50 0.00	175.35 8.56 0.00	174.16 7.57 0.00	157.99 5.90 0.00
RAVENSWOOD_GT_6 24253	104.29 3.50 0.00	112.70 3.60 0.00	87.22 2.92 0.00	81.63 2.63 0.00	70.02 2.35 0.00	59.41 2.19 0.00	70.09 2.79 0.00	91.16 3.61 0.00	108.65 4.01 0.00	124.07 4.87 0.00	164.27 7.25 0.00	187.61 7.96 0.10	197.92 8.92 0.45	164.11 7.99 2.05	163.65 8.03 1.77	162.78 7.69 2.24	184.95 7.38 1.12	194.04 8.69 -8.46	172.76 9.12 0.00	158.91 8.43 0.00	167.68 8.50 0.00	175.35 8.56 0.00	174.16 7.57 0.00	157.99 5.90 0.00
RAVENSWOOD_GT_7 24255	104.29 3.50 0.00	112.70 3.60 0.00	87.22 2.92 0.00	81.63 2.63 0.00	70.02 2.35 0.00	59.41 2.19 0.00	70.09 2.79 0.00	91.16 3.61 0.00	108.65 4.01 0.00	124.07 4.87 0.00	164.27 7.25 0.00	187.61 7.96 0.10	197.92 8.92 0.45	164.11 7.99 2.05	163.65 8.03 1.77	162.78 7.69 2.24	184.95 7.38 1.12	194.04 8.69 -8.46	172.76 9.12 0.00	158.91 8.43 0.00	167.68 8.50 0.00	175.35 8.56 0.00	174.16 7.57 0.00	157.99 5.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	104.39 3.60 0.00	112.81 3.71 0.00	87.31 3.00 0.00	81.69 2.69 0.00	70.08 2.41 0.00	59.44 2.22 0.00	70.11 2.81 0.00	91.23 3.68 0.00	108.71 4.07 0.00	124.12 4.92 0.00	164.34 7.32 0.00	187.73 8.08 0.10	198.01 9.02 0.45	164.15 8.03 2.05	163.74 8.13 1.77	162.84 7.75 2.24	185.04 7.47 1.12	194.09 8.74 -8.46	172.77 9.13 0.00	158.97 8.48 0.00	167.72 8.54 0.00	175.48 8.69 0.00	174.28 7.69 0.00	158.13 6.04 0.00
RAVENSWOOD_GT_9 24257	104.39 3.60 0.00	112.81 3.71 0.00	87.31 3.00 0.00	81.69 2.69 0.00	70.08 2.41 0.00	59.44 2.22 0.00	70.11 2.81 0.00	91.23 3.68 0.00	108.71 4.07 0.00	124.12 4.92 0.00	164.34 7.32 0.00	187.73 8.08 0.10	198.01 9.02 0.45	164.15 8.03 2.05	163.74 8.13 1.77	162.84 7.75 2.24	185.04 7.47 1.12	194.09 8.74 -8.46	172.77 9.13 0.00	158.97 8.48 0.00	167.72 8.54 0.00	175.48 8.69 0.00	174.28 7.69 0.00	158.13 6.04 0.00

RAVENSWOOD___1 23533	104.13 3.34 0.00	112.49 3.39 0.00	87.16 2.85 0.00	81.56 2.56 0.00	69.97 2.30 0.00	59.38 2.16 0.00	70.03 2.73 0.00	91.08 3.54 0.00	108.51 3.88 0.00	123.94 4.74 0.00	164.24 7.22 0.00	187.47 7.82 0.10	197.70 8.71 0.45	163.99 7.87 2.05	163.50 7.88 1.77	162.63 7.54 2.24	184.78 7.21 1.12	194.02 8.67 -8.46	172.79 9.15 0.00	158.77 8.28 0.00	167.62 8.44 0.00	175.20 8.42 0.00	174.06 7.47 0.00	157.80 5.71 0.00
RAVENSWOOD___2 23534	104.13 3.34 0.00	112.49 3.39 0.00	87.16 2.85 0.00	81.56 2.56 0.00	69.97 2.30 0.00	59.38 2.16 0.00	70.03 2.73 0.00	91.08 3.54 0.00	108.51 3.88 0.00	123.94 4.74 0.00	164.24 7.22 0.00	187.47 7.82 0.10	197.70 8.71 0.45	163.99 7.87 2.05	163.50 7.88 1.77	162.63 7.54 2.24	184.78 7.21 1.12	194.02 8.67 -8.46	172.79 9.15 0.00	158.77 8.28 0.00	167.62 8.44 0.00	175.20 8.42 0.00	174.06 7.47 0.00	157.80 5.71 0.00
RAVENSWOOD___3 23535	104.37 3.58 0.00	112.79 3.69 0.00	87.30 2.99 0.00	81.67 2.67 0.00	70.07 2.40 0.00	59.44 2.22 0.00	70.10 2.80 0.00	91.20 3.66 0.00	108.69 4.05 0.00	124.11 4.91 0.00	164.27 7.26 0.00	187.67 8.02 0.10	197.97 8.98 0.45	164.12 8.00 2.05	163.66 8.04 1.77	162.78 7.69 2.24	184.93 7.36 1.12	194.09 8.74 -8.46	172.78 9.14 0.00	158.92 8.44 0.00	167.73 8.55 0.00	175.44 8.66 0.00	174.31 7.71 0.00	158.10 6.01 0.00
RAVENSWOOD___4 23820	104.13 3.34 0.00	112.49 3.39 0.00	87.16 2.85 0.00	81.56 2.56 0.00	69.97 2.30 0.00	59.38 2.16 0.00	70.03 2.73 0.00	91.08 3.54 0.00	108.51 3.88 0.00	123.94 4.74 0.00	164.24 7.22 0.00	187.47 7.82 0.10	197.70 8.71 0.45	163.99 7.87 2.05	163.50 7.88 1.77	162.63 7.54 2.24	184.78 7.21 1.12	194.02 8.67 -8.46	172.79 9.15 0.00	158.77 8.28 0.00	167.62 8.44 0.00	175.20 8.42 0.00	174.06 7.47 0.00	157.80 5.71 0.00
RCPL_TRUST___DRP 24196	104.44 3.65 0.00	112.88 3.78 0.00	87.33 3.02 0.00	81.73 2.73 0.00	70.12 2.45 0.00	59.47 2.25 0.00	70.14 2.85 0.00	91.28 3.73 0.00	108.77 4.13 0.00	124.19 4.99 0.00	164.42 7.40 0.00	187.88 8.23 0.10	198.13 9.13 0.45	164.27 8.15 2.05	163.86 8.24 1.77	162.97 7.88 2.24	185.13 7.56 1.12	194.22 8.87 -8.46	172.89 9.25 0.00	159.05 8.56 0.00	167.83 8.64 0.00	175.59 8.80 0.00	174.39 7.80 0.00	158.22 6.13 0.00
RED___ROCHESTER 323720	78.16 -5.74 16.90	71.49 -4.71 32.91	69.42 -4.10 10.79	71.14 -3.77 4.09	54.83 -3.34 9.51	46.32 -3.13 7.76	44.55 -3.91 18.84	68.07 -5.09 14.38	81.55 -6.08 17.00	95.82 -7.98 15.40	121.81 -10.72 24.49	136.21 -12.47 31.08	152.23 -12.82 24.40	120.87 -10.52 26.78	122.41 -10.34 24.63	130.19 -10.22 16.92	153.18 -9.46 16.05	158.60 -7.49 10.79	154.48 -7.92 1.24	140.07 -7.19 3.23	150.18 -8.47 0.53	150.78 -8.82 7.18	125.55 -6.88 34.16	111.13 -5.96 35.01
REGAN___SOLAR 323812	105.08 4.29 0.00	113.68 4.58 0.00	87.77 3.47 0.00	82.28 3.28 0.00	70.56 2.89 0.00	59.77 2.55 0.00	70.43 3.14 0.00	91.88 4.33 0.00	110.01 5.38 0.00	124.69 5.50 0.00	163.35 6.33 0.00	185.67 6.02 0.10	195.78 6.79 0.46	161.84 5.76 2.08	162.25 6.65 1.80	162.40 7.34 2.27	187.89 10.34 1.13	238.30 10.70 -50.71	173.52 9.88 0.00	159.48 8.99 0.00	168.27 9.08 0.00	176.07 9.28 0.00	175.29 8.70 0.00	159.55 7.45 0.00
RENSSELAER___COGEN 23796	104.11 3.32 0.00	112.71 3.61 0.00	87.14 2.84 0.00	81.68 2.67 0.00	69.97 2.29 0.00	59.23 2.01 0.00	69.60 2.31 0.00	90.24 2.69 0.00	107.79 3.15 0.00	122.83 3.62 0.00	161.88 4.87 0.00	185.32 5.57 0.00	195.37 5.93 0.00	163.04 4.88 0.00	161.84 4.46 0.00	161.50 4.17 0.00	182.34 3.66 0.00	63.53 4.38 117.74	167.96 4.32 0.00	154.71 4.22 0.00	163.75 4.56 0.00	171.42 4.63 0.00	170.73 4.14 0.00	156.37 4.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	115.74 14.95 0.00	125.17 16.07 0.00	96.61 12.30 0.00	90.69 11.68 0.00	77.89 10.22 0.00	65.82 8.60 0.00	78.31 11.02 0.00	101.65 14.10 0.00	121.11 16.47 0.00	136.83 17.64 0.00	180.42 23.41 0.00	206.79 27.04 0.00	219.54 30.10 0.00	181.95 23.79 0.00	182.04 24.66 0.00	182.21 24.88 0.00	209.47 30.78 0.00	277.52 29.47 -71.15	192.05 28.41 0.00	176.63 26.14 0.00	186.51 27.33 0.00	195.44 28.65 0.00	192.70 26.11 0.00	174.32 22.22 0.00
REVERE_CPPR_DRP 24186	104.07 3.28 0.00	112.57 3.48 0.00	87.03 2.72 0.00	81.61 2.61 0.00	69.93 2.26 0.00	59.18 1.96 0.00	69.73 2.44 0.00	90.90 3.35 0.00	108.96 4.32 0.00	124.12 4.93 0.00	163.68 6.66 0.00	186.97 7.45 0.23	196.05 7.62 1.02	160.04 6.49 4.61	159.94 6.53 3.97	159.27 6.97 5.03	184.26 8.08 2.51	184.47 8.66 1.08	171.42 7.78 0.00	156.89 6.40 0.00	165.13 5.94 0.00	173.20 6.41 0.00	173.02 6.42 0.00	157.24 5.15 0.00
REYNLDPA_13_KV_LD 356490	102.97 2.18 0.00	110.61 1.51 0.00	85.61 1.31 0.00	80.47 1.47 0.00	68.94 1.27 0.00	58.19 0.97 0.00	68.28 0.98 0.00	88.77 1.23 0.00	106.29 1.65 0.00	120.75 1.55 0.00	157.20 0.18 0.00	180.29 0.54 0.00	189.74 0.29 0.00	158.31 0.15 0.00	157.05 -0.34 0.00	157.19 -0.14 0.00	179.09 0.40 0.00	175.83 -1.06 0.00	161.91 -1.73 0.00	148.84 -1.65 0.00	157.62 -1.57 0.00	165.12 -1.67 0.00	165.41 -1.18 0.00	151.80 -0.29 0.00
REYNOLDS_115KV_TB3 80639	104.54 3.75 0.00	113.19 4.09 0.00	87.55 3.24 0.00	82.05 3.04 0.00	70.30 2.63 0.00	59.49 2.27 0.00	69.97 2.67 0.00	90.82 3.27 0.00	108.46 3.83 0.00	123.58 4.38 0.00	162.86 5.85 0.00	186.46 6.71 0.00	196.63 7.19 0.00	164.23 6.06 0.00	163.25 5.86 0.00	162.91 5.58 0.00	184.01 5.32 0.00	311.43 6.06 -128.48	169.46 5.82 0.00	156.08 5.60 0.00	165.24 6.05 0.00	173.00 6.21 0.00	172.15 5.55 0.00	157.51 5.42 0.00
RIVERBAY____ 323610	106.13 5.34 0.00	114.58 5.48 0.00	88.82 4.51 0.00	83.02 4.02 0.00	71.24 3.57 0.00	60.45 3.24 0.00	71.35 4.05 0.00	92.84 5.29 0.00	110.69 6.05 0.00	126.48 7.28 0.00	167.49 10.47 0.00	191.13 11.48 0.10	201.65 12.65 0.45	167.26 11.14 2.05	166.74 11.12 1.77	165.89 10.80 2.24	188.68 11.11 1.12	197.90 12.55 -8.46	176.31 12.67 0.00	162.08 11.59 0.00	170.62 11.43 0.00	178.43 11.65 0.00	177.36 10.77 0.00	160.75 8.66 0.00
RIVERSDE_115KV_TB3 55908	104.54 3.75 0.00	113.16 4.06 0.00	87.49 3.18 0.00	82.01 3.01 0.00	70.26 2.59 0.00	59.47 2.25 0.00	69.88 2.58 0.00	90.66 3.11 0.00	108.28 3.64 0.00	123.40 4.20 0.00	162.67 5.65 0.00	186.26 6.51 0.00	196.30 6.85 0.00	163.90 5.74 0.00	162.77 5.38 0.00	162.43 5.10 0.00	183.48 4.79 0.00	233.05 5.50 -50.66	168.96 5.32 0.00	155.64 5.15 0.00	164.70 5.52 0.00	172.43 5.64 0.00	171.66 5.07 0.00	157.22 5.13 0.00
ROARING___BROOK_WT_PWR 323790	101.20 0.41 0.00	109.42 0.32 0.00	84.56 0.25 0.00	79.25 0.25 0.00	67.91 0.24 0.00	57.39 0.17 0.00	67.45 0.15 0.00	87.74 0.19 0.00	104.91 0.27 0.00	119.59 0.39 0.00	157.41 0.39 0.00	180.37 0.62 0.00	189.77 0.33 0.00	158.14 -0.03 0.00	156.70 -0.69 0.00	157.12 -0.21 0.00	178.63 -0.05 0.00	175.99 -0.90 0.00	162.76 -0.88 0.00	148.75 -1.73 0.00	156.55 -2.64 0.00	164.53 -2.26 0.00	165.28 -1.31 0.00	151.20 -0.89 0.00

ROCHESRG_115KV_T4 355643	93.82 -6.97 0.00	103.06 -6.03 0.00	79.26 -5.04 0.00	74.35 -4.66 0.00	63.57 -4.11 0.00	53.42 -3.80 0.00	62.52 -4.78 0.00	81.29 -6.25 0.00	97.17 -7.46 0.00	109.58 -9.62 0.00	144.06 -12.95 0.00	164.08 -15.13 0.53	171.46 -15.61 2.37	134.53 -12.90 10.73	135.28 -12.85 9.26	132.87 -12.74 11.72	160.26 -12.38 6.05	163.91 -10.21 2.77	152.06 -10.28 1.30	137.01 -9.46 4.02	148.14 -10.53 0.52	155.90 -10.89 0.00	157.84 -8.75 0.00	144.39 -7.70 0.00
ROCHESTER_9_IC 23652	94.53 -6.26 0.00	103.83 -5.27 0.00	79.84 -4.46 0.00	74.89 -4.12 0.00	64.03 -3.64 0.00	53.83 -3.39 0.00	63.03 -4.27 0.00	81.98 -5.56 0.00	97.97 -6.66 0.00	110.53 -8.67 0.00	145.28 -11.74 0.00	165.45 -13.77 0.53	173.03 -14.06 2.35	135.96 -11.57 10.64	136.68 -11.53 9.18	134.31 -11.40 11.62	162.15 -10.76 5.79	165.57 -8.57 2.75	153.91 -8.82 0.91	141.37 -8.16 0.96	149.45 -9.20 0.53	157.19 -9.60 0.00	159.06 -7.53 0.00	145.44 -6.66 0.00
ROCKVIEW_13_KV_LD 356306	104.82 4.03 0.00	113.27 4.17 0.00	87.60 3.29 0.00	81.93 2.93 0.00	70.29 2.62 0.00	59.58 2.37 0.00	70.29 2.99 0.00	91.50 3.95 0.00	109.04 4.40 0.00	124.45 5.26 0.00	164.71 7.69 0.00	188.20 8.55 0.10	198.50 9.51 0.45	164.47 8.35 2.05	164.11 8.49 1.77	163.22 8.13 2.24	185.67 8.09 1.12	194.66 9.31 -8.46	173.30 9.66 0.00	159.43 8.94 0.00	168.31 9.12 0.00	176.03 9.25 0.00	174.77 8.18 0.00	158.55 6.46 0.00
ROME____115KV_TB2 80656	104.07 3.28 0.00	112.57 3.48 0.00	87.03 2.72 0.00	81.61 2.61 0.00	69.93 2.26 0.00	59.18 1.96 0.00	69.73 2.44 0.00	90.90 3.35 0.00	108.96 4.32 0.00	124.12 4.93 0.00	163.68 6.66 0.23	186.97 7.45 0.00	196.05 7.62 1.02	160.04 6.49 4.61	159.94 6.53 3.97	159.27 6.97 5.03	184.26 8.08 2.51	184.47 8.66 1.08	171.42 7.78 0.00	156.89 6.40 0.00	165.13 5.94 0.00	173.20 6.41 0.00	173.02 6.42 0.00	157.24 5.15 0.00
ROSETON___1 23587	103.71 2.92 0.00	112.13 3.03 0.00	86.72 2.42 0.00	81.14 2.14 0.00	69.57 1.90 0.00	58.96 1.75 0.00	69.52 2.23 0.00	90.48 2.93 0.00	107.88 3.24 0.00	123.02 3.82 0.00	162.28 5.26 0.00	185.32 5.67 0.10	195.41 6.42 0.45	161.94 5.83 2.06	161.57 5.96 1.77	160.75 5.67 2.25	182.89 5.32 1.12	190.98 6.32 -7.77	170.53 6.89 0.00	156.87 6.39 0.00	165.70 6.51 0.00	173.36 6.57 0.00	172.25 5.66 0.00	156.52 4.43 0.00
ROSETON___2 23588	103.71 2.92 0.00	112.13 3.03 0.00	86.72 2.42 0.00	81.14 2.14 0.00	69.57 1.90 0.00	58.96 1.75 0.00	69.52 2.23 0.00	90.48 2.93 0.00	107.88 3.24 0.00	123.02 3.82 0.00	162.28 5.26 0.00	185.32 5.67 0.10	195.41 6.42 0.45	161.94 5.83 2.06	161.57 5.96 1.77	160.75 5.67 2.25	182.89 5.32 1.12	190.98 6.32 -7.77	170.53 6.89 0.00	156.87 6.39 0.00	165.70 6.51 0.00	173.36 6.57 0.00	172.25 5.66 0.00	156.52 4.43 0.00
ROTRDAM_115KV_TB3 80664	103.92 3.13 0.00	112.51 3.41 0.00	86.94 2.64 0.00	81.46 2.46 0.00	69.81 2.14 0.00	59.08 1.86 0.00	69.58 2.28 0.00	90.51 2.96 0.00	108.17 3.53 0.00	123.17 3.97 0.00	162.29 5.27 0.00	185.64 5.89 0.00	195.76 6.32 0.00	163.52 5.35 0.00	162.91 5.52 0.00	162.83 5.50 0.00	184.82 6.13 0.00	241.15 6.49 -57.76	169.90 6.26 0.00	156.35 5.86 0.00	165.32 6.13 0.00	173.11 6.32 0.00	172.41 5.82 0.00	157.17 5.07 0.00
RUSSELL___1 23602	95.00 -5.79 0.00	104.34 -4.76 0.00	80.19 -4.11 0.00	75.21 -3.79 0.00	64.32 -3.35 0.00	54.07 -3.15 0.00	63.33 -3.97 0.00	82.40 -5.14 0.00	98.51 -6.13 0.00	111.12 -8.08 0.00	146.09 -10.93 0.00	166.42 -12.80 0.53	174.05 -13.04 2.35	136.89 -10.63 10.65	137.62 -10.59 9.18	135.27 -10.44 11.62	163.06 -9.67 5.96	166.62 -7.52 2.75	154.46 -7.94 1.24	139.87 -7.39 3.23	150.20 -8.46 0.53	157.91 -8.87 0.00	159.77 -6.82 0.00	146.07 -6.02 0.00
RUSSELL___2 23532	95.00 -5.79 0.00	104.34 -4.76 0.00	80.19 -4.11 0.00	75.21 -3.79 0.00	64.32 -3.35 0.00	54.07 -3.15 0.00	63.33 -3.97 0.00	82.40 -5.14 0.00	98.51 -6.13 0.00	111.12 -8.08 0.00	146.09 -10.93 0.00	166.42 -12.80 0.53	174.05 -13.04 2.35	136.89 -10.63 10.65	137.62 -10.59 9.18	135.27 -10.44 11.62	163.06 -9.67 5.96	166.62 -7.52 2.75	154.46 -7.94 1.24	139.87 -7.39 3.23	150.20 -8.46 0.53	157.91 -8.87 0.00	159.77 -6.82 0.00	146.07 -6.02 0.00
RUSSELL___3 23549	95.00 -5.79 0.00	104.34 -4.76 0.00	80.19 -4.11 0.00	75.21 -3.79 0.00	64.32 -3.35 0.00	54.07 -3.15 0.00	63.33 -3.97 0.00	82.40 -5.14 0.00	98.51 -6.13 0.00	111.12 -8.08 0.00	146.09 -10.93 0.00	166.42 -12.80 0.53	174.05 -13.04 2.35	136.89 -10.63 10.65	137.62 -10.59 9.18	135.27 -10.44 11.62	163.06 -9.67 5.96	166.62 -7.52 2.75	154.46 -7.94 1.24	139.87 -7.39 3.23	150.20 -8.46 0.53	157.91 -8.87 0.00	159.77 -6.82 0.00	146.07 -6.02 0.00
RUSSELL___4 23556	95.00 -5.79 0.00	104.34 -4.76 0.00	80.19 -4.11 0.00	75.21 -3.79 0.00	64.32 -3.35 0.00	54.07 -3.15 0.00	63.33 -3.97 0.00	82.40 -5.14 0.00	98.51 -6.13 0.00	111.12 -8.08 0.00	146.09 -10.93 0.00	166.42 -12.80 0.53	174.05 -13.04 2.35	136.89 -10.63 10.65	137.62 -10.59 9.18	135.27 -10.44 11.62	163.06 -9.67 5.96	166.62 -7.52 2.75	154.46 -7.94 1.24	139.87 -7.39 3.23	150.20 -8.46 0.53	157.91 -8.87 0.00	159.77 -6.82 0.00	146.07 -6.02 0.00
RUSSELL___STATION 23914	95.00 -5.79 0.00	104.34 -4.76 0.00	80.19 -4.11 0.00	75.21 -3.79 0.00	64.32 -3.35 0.00	54.07 -3.15 0.00	63.33 -3.97 0.00	82.40 -5.14 0.00	98.51 -6.13 0.00	111.12 -8.08 0.00	146.09 -10.93 0.00	166.42 -12.80 0.53	174.05 -13.04 2.35	136.89 -10.63 10.65	137.62 -10.59 9.18	135.27 -10.44 11.62	163.06 -9.67 5.96	166.62 -7.52 2.75	154.46 -7.94 1.24	139.87 -7.39 3.23	150.20 -8.46 0.53	157.91 -8.87 0.00	159.77 -6.82 0.00	146.07 -6.02 0.00
S SALMON___HYD 24043	99.03 -1.75 0.00	107.24 -1.86 0.00	82.85 -1.45 0.00	77.65 -1.36 0.00	66.39 -1.28 0.00	56.15 -1.07 0.00	65.95 -1.35 0.00	85.76 -1.79 0.00	102.79 -1.85 0.00	117.10 -2.11 0.00	154.38 -2.64 0.00	176.64 -3.11 0.00	186.06 -3.39 0.00	155.29 -2.88 0.00	154.12 -3.27 0.00	154.52 -2.81 0.00	175.88 -2.81 0.00	174.82 -2.07 0.00	161.59 -2.05 0.00	147.64 -2.85 0.00	155.30 -3.88 0.00	163.43 -3.36 0.00	164.11 -2.48 0.00	149.23 -2.86 0.00
S.PERRY__115KV_TB1 80734	94.10 -6.69 0.00	103.45 -5.64 0.00	79.55 -4.76 0.00	74.68 -4.32 0.00	63.77 -3.90 0.00	53.66 -3.56 0.00	62.24 -5.06 0.00	80.37 -7.18 0.00	94.56 -10.07 0.00	106.86 -12.34 0.00	140.12 -16.90 0.00	159.38 -19.85 0.51	166.47 -20.70 2.28	130.76 -17.08 10.33	131.32 -17.16 8.91	129.29 -16.76 11.27	160.83 -16.77 1.09	157.72 -15.73 3.43	151.90 -16.82 -5.08	220.90 -15.86 -86.28	140.82 -16.25 2.11	151.28 -15.51 0.00	153.38 -13.22 0.00	139.06 -13.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	90.10 -10.69 0.00	100.21 -8.89 0.00	76.76 -7.55 0.00	71.95 -7.05 0.00	61.44 -6.23 0.00	51.29 -5.92 0.00	59.69 -7.61 0.00	77.50 -10.05 0.00	92.65 -11.99 0.00	104.06 -15.14 0.00	137.07 -19.95 0.00	155.95 -23.27 0.53	163.19 -23.91 2.34	127.36 -20.20 10.61	127.66 -20.58 9.15	125.82 -19.93 11.58	152.02 -19.68 6.99	156.68 -17.19 3.02	142.01 -17.38 4.24	111.61 -15.73 23.14	140.91 -17.17 1.11	149.84 -16.95 0.00	154.02 -12.58 0.00	141.34 -10.75 0.00

SAWYER___23_KV_LOAD 55526	90.10 -10.69 0.00	100.21 -8.89 0.00	76.76 -7.55 0.00	71.95 -7.05 0.00	61.44 -6.23 0.00	51.29 -5.92 0.00	59.69 -7.61 0.00	77.50 -10.05 0.00	92.65 -11.99 0.00	104.06 -15.14 0.00	137.07 -19.95 0.00	155.95 -23.27 0.53	163.19 -23.91 2.34	127.36 -20.20 10.61	127.66 -20.58 9.15	125.82 -19.93 11.58	152.02 -19.68 6.99	156.68 -17.19 3.02	142.01 -17.38 4.24	111.61 -15.73 23.14	140.91 -17.17 1.11	149.84 -16.95 0.00	154.02 -12.58 0.00	141.34 -10.75 0.00
SELKIRK___I 23801	104.22 3.43 0.00	112.83 3.73 0.00	87.22 2.91 0.00	81.77 2.77 0.00	70.06 2.39 0.00	59.30 2.09 0.00	69.71 2.41 0.00	90.51 2.96 0.00	108.10 3.46 0.00	123.11 3.91 0.00	162.21 5.19 0.00	185.62 5.87 0.00	195.60 6.16 0.00	163.24 5.08 0.00	162.13 4.75 0.00	162.00 4.67 0.00	183.49 4.81 0.00	124.28 5.23 57.84	168.63 4.98 0.00	155.27 4.78 0.00	164.34 5.16 0.00	172.13 5.35 0.00	171.57 4.98 0.00	156.89 4.80 0.00
SELKIRK___II 23799	103.71 2.92 0.00	112.24 3.14 0.00	86.78 2.48 0.00	81.31 2.31 0.00	69.68 2.01 0.00	58.97 1.76 0.00	69.36 2.07 0.00	90.02 2.48 0.00	107.53 2.89 0.00	122.56 3.36 0.00	161.50 4.48 0.00	184.79 5.04 0.00	194.85 5.40 0.00	162.70 4.54 0.00	161.68 4.29 0.00	161.42 4.09 0.00	182.51 3.82 0.00	113.87 4.37 67.39	168.02 4.38 0.00	154.70 4.21 0.00	163.71 4.52 0.00	171.42 4.63 0.00	170.75 4.15 0.00	156.11 4.02 0.00
SENECA OSWGO___HYD 24041	96.58 -4.20 0.00	104.77 -4.33 0.00	80.89 -3.41 0.00	75.78 -3.22 0.00	64.88 -2.79 0.00	54.88 -2.33 0.00	64.56 -2.74 0.00	84.03 -3.52 0.00	100.47 -4.17 0.00	114.32 -4.88 0.00	150.70 -6.32 0.00	172.60 -7.36 -0.21	182.72 -7.67 -0.94	156.11 -6.30 -4.25	154.82 -6.23 -3.67	155.83 -6.14 -4.64	174.42 -6.58 -2.31	171.99 -5.90 -1.00	158.19 -5.45 0.00	145.41 -5.07 0.00	153.57 -5.61 0.00	160.85 -5.94 0.00	160.72 -5.88 0.00	146.45 -5.64 0.00
SENECA___115KV_TB3 355854	55.04 -9.17 36.58	30.48 -7.35 71.27	54.51 -6.43 23.36	64.14 -6.00 8.87	41.75 -5.32 20.59	35.27 -5.13 16.81	19.93 -6.57 40.80	47.73 -8.66 31.15	57.48 -10.33 36.82	72.79 -13.05 33.35	87.16 -16.81 53.04	93.44 -19.63 66.67	119.13 -20.25 50.07	95.43 -17.26 45.48	97.38 -17.45 42.56	117.56 -16.77 23.00	133.69 -16.20 28.79	141.95 -14.46 20.47	144.24 -15.01 4.39	114.27 -13.41 22.82	143.09 -14.89 1.21	137.05 -14.18 15.56	82.54 -10.07 73.99	68.03 -8.25 75.81
SENECA___ENERGY 23797	92.16 -3.78 4.85	96.22 -3.44 9.45	78.44 -2.77 3.10	75.31 -2.52 1.18	62.72 -2.22 2.73	53.03 -1.96 2.23	59.59 -2.30 5.41	80.50 -2.92 4.13	96.28 -3.48 4.88	110.00 -4.78 4.42	143.56 -6.43 7.03	162.95 -7.66 9.14	173.81 -7.67 7.97	139.96 -6.17 12.04	140.43 -6.14 10.82	141.83 -5.89 9.60	166.30 -5.47 6.92	169.02 -4.08 3.80	160.85 -3.69 -0.91	147.03 -3.45 0.00	155.40 -4.31 -0.53	160.22 -4.50 2.06	152.79 -4.00 9.81	138.22 -3.83 10.05
SHOEMAKER___GT 23640	103.31 2.52 0.00	111.72 2.62 0.00	86.37 2.07 0.00	80.80 1.80 0.00	69.27 1.60 0.00	58.68 1.47 0.00	69.20 1.90 0.00	90.08 2.53 0.00	107.50 2.87 0.00	122.64 3.44 0.00	161.86 4.84 0.00	184.85 5.21 0.11	194.79 5.82 0.48	161.28 5.27 2.16	160.88 5.35 1.86	160.16 5.18 2.36	182.56 5.05 1.17	189.83 6.04 -6.90	170.04 6.40 0.00	156.43 5.94 0.00	165.24 6.06 0.00	172.91 6.12 0.00	171.93 5.33 0.00	156.14 4.05 0.00
SHOEMAKR_138KV_BK 111 55601	103.23 2.44 0.00	111.64 2.54 0.00	86.31 2.00 0.00	80.73 1.73 0.00	69.22 1.55 0.00	58.64 1.42 0.00	69.14 1.85 0.00	90.02 2.47 0.00	107.41 2.77 0.00	122.53 3.34 0.00	161.74 4.72 0.00	184.81 5.17 0.11	194.66 5.69 0.48	161.15 5.15 2.17	160.82 5.30 1.87	160.04 5.08 2.37	182.43 4.92 1.18	189.56 5.85 -6.82	169.87 6.23 0.00	156.29 5.80 0.00	165.10 5.91 0.00	172.76 5.98 0.00	171.73 5.14 0.00	156.03 3.94 0.00
SHOREHAM_IC_1 23715	207.55 7.44 -99.31	159.76 7.56 -43.11	163.77 6.09 -73.37	85.97 5.44 -1.52	84.66 4.84 -12.14	275.92 4.29 -214.42	120.39 5.11 -47.98	175.67 6.64 -81.48	271.13 6.72 -159.76	260.67 7.01 -134.46	277.74 9.65 -111.07	263.84 8.94 -75.15	256.44 9.46 -57.53	219.29 6.35 -54.76	174.00 6.07 -10.54	160.38 4.92 1.87	185.61 5.14 -1.79	202.97 6.58 -19.50	172.50 7.88 -0.98	260.80 8.22 -102.09	173.45 6.69 -7.58	229.06 7.37 -54.90	173.53 6.66 -0.27	126.28 3.63 29.44
SHOREHAM_IC_2 23716	207.55 7.45 -99.31	159.79 7.59 -43.11	163.77 6.10 -73.37	85.99 5.47 -1.52	84.67 4.86 -12.14	275.92 4.29 -214.42	120.41 5.13 -47.98	175.69 6.66 -81.48	271.16 6.76 -159.76	260.69 7.03 -134.46	277.78 9.69 -111.07	263.95 9.04 -75.15	256.49 9.51 -57.53	219.38 6.45 -54.77	174.08 6.15 -10.54	160.49 5.03 1.87	185.71 5.24 -1.79	203.00 6.61 -19.50	172.51 7.89 -0.98	260.85 8.28 -102.09	173.46 6.70 -7.58	229.06 7.38 -54.90	173.43 6.56 -0.27	126.41 3.76 29.44
SISSONVILLE____ 23735	103.48 2.70 0.00	111.89 2.79 0.00	86.47 2.16 0.00	81.05 2.05 0.00	69.11 1.44 0.00	57.95 0.73 0.00	67.80 0.51 0.00	88.20 0.66 0.00	105.77 1.13 0.00	120.97 1.77 0.00	159.87 2.85 0.00	183.32 3.58 0.00	193.12 3.67 0.00	160.62 2.45 0.00	159.38 2.00 0.00	159.15 1.82 0.00	180.49 1.80 0.00	177.07 0.18 0.00	162.82 -0.82 0.00	149.28 -1.20 0.00	157.91 -1.27 0.00	165.55 -1.24 0.00	166.31 -0.28 0.00	153.74 1.64 0.00
SITHE_IND_GS1 24169	95.98 -4.81 0.00	104.17 -4.93 0.00	80.44 -3.86 0.00	75.38 -3.62 0.00	64.56 -3.11 0.00	54.58 -2.63 0.00	64.19 -3.11 0.00	83.52 -4.02 0.00	99.82 -4.81 0.00	113.53 -5.67 0.00	149.58 -7.44 0.00	166.94 -8.67 4.14	161.99 -9.08 18.38	67.39 -7.54 83.24	78.16 -7.45 71.78	59.10 -7.37 90.86	125.33 -8.07 45.29	149.81 -7.55 19.53	156.62 -7.02 0.00	144.04 -6.45 0.00	152.15 -7.03 0.01	159.45 -7.33 0.00	159.42 -7.18 0.00	145.41 -6.68 0.00
SITHE_IND_GS2 24170	95.98 -4.81 0.00	104.17 -4.93 0.00	80.44 -3.86 0.00	75.38 -3.62 0.00	64.56 -3.11 0.00	54.58 -2.63 0.00	64.19 -3.11 0.00	83.52 -4.02 0.00	99.82 -4.81 0.00	113.53 -5.67 0.00	149.58 -7.44 0.00	166.94 -8.67 4.14	161.99 -9.08 18.38	67.39 -7.54 83.24	78.16 -7.45 71.78	59.10 -7.37 90.86	125.33 -8.07 45.29	149.81 -7.55 19.53	156.62 -7.02 0.00	144.04 -6.45 0.00	152.15 -7.03 0.01	159.45 -7.33 0.00	159.42 -7.18 0.00	145.41 -6.68 0.00
SITHE_IND_GS3 24171	95.98 -4.81 0.00	104.17 -4.93 0.00	80.44 -3.86 0.00	75.38 -3.62 0.00	64.56 -3.11 0.00	54.58 -2.63 0.00	64.19 -3.11 0.00	83.52 -4.02 0.00	99.82 -4.81 0.00	113.53 -5.67 0.00	149.58 -7.44 0.00	166.94 -8.67 4.14	161.99 -9.08 18.38	67.39 -7.54 83.24	78.16 -7.45 71.78	59.10 -7.37 90.86	125.33 -8.07 45.29	149.81 -7.55 19.53	156.62 -7.02 0.00	144.04 -6.45 0.00	152.15 -7.03 0.01	159.45 -7.33 0.00	159.42 -7.18 0.00	145.41 -6.68 0.00
SITHE_IND_GS4 24172	95.98 -4.81 0.00	104.17 -4.93 0.00	80.44 -3.86 0.00	75.38 -3.62 0.00	64.56 -3.11 0.00	54.58 -2.63 0.00	64.19 -3.11 0.00	83.52 -4.02 0.00	99.82 -4.81 0.00	113.53 -5.67 0.00	149.58 -7.44 0.00	166.94 -8.67 4.14	161.99 -9.08 18.38	67.39 -7.54 83.24	78.16 -7.45 71.78	59.10 -7.37 90.86	125.33 -8.07 45.29	149.81 -7.55 19.53	156.62 -7.02 0.00	144.04 -6.45 0.00	152.15 -7.03 0.01	159.45 -7.33 0.00	159.42 -7.18 0.00	145.41 -6.68 0.00

SITHE___BATAVIA 24024	68.18 -7.57 25.04	54.70 -5.62 48.77	63.01 -5.31 15.99	68.08 -4.86 6.07	49.39 -4.18 14.09	41.62 -4.09 11.50	34.07 -5.31 27.92	59.34 -6.89 21.32	71.22 -8.22 25.20	85.33 -11.04 22.82	105.55 -15.17 36.30	116.06 -17.90 45.80	135.34 -19.09 35.02	107.49 -16.16 34.52	108.06 -17.27 32.05	119.90 -17.98 19.44	140.61 -16.73 21.35	148.49 -13.60 14.80	147.20 -13.79 2.65	125.80 -12.24 12.45	144.34 -14.04 0.81	141.86 -14.29 10.64	104.98 -10.98 50.63	90.60 -9.60 51.88
SITHE___INDEPEND 23800	95.98 -4.81 0.00	104.18 -4.92 0.00	80.44 -3.86 0.00	75.37 -3.63 0.00	64.55 -3.12 0.00	54.58 -2.63 0.00	64.20 -3.10 0.00	83.52 -4.03 0.00	99.81 -4.82 0.00	113.51 -5.69 0.00	149.52 -7.49 0.00	166.91 -8.70 4.14	161.94 -9.13 18.38	67.38 -7.55 83.24	78.14 -7.47 71.78	59.08 -7.40 90.86	125.30 -8.10 45.29	149.79 -7.56 19.53	156.62 -7.02 0.00	144.00 -6.49 0.00	152.14 -7.03 0.01	159.43 -7.35 0.00	159.42 -7.17 0.00	145.41 -6.68 0.00
SITHE___MASSENA 23902	103.45 2.66 0.00	111.65 2.55 0.00	86.26 1.96 0.00	80.88 1.88 0.00	69.20 1.53 0.00	58.36 1.14 0.00	68.43 1.14 0.00	88.99 1.44 0.00	106.59 1.95 0.00	121.73 2.53 0.00	160.36 3.34 0.00	183.98 4.23 0.00	193.87 4.42 0.00	161.36 3.19 0.00	160.39 3.00 0.00	160.46 3.13 0.00	182.61 3.92 0.00	179.21 2.32 0.00	164.95 1.31 0.00	151.58 1.10 0.00	160.61 1.42 0.00	168.16 1.37 0.00	168.05 1.46 0.00	154.83 2.74 0.00
SITHE___OGDNSBRG 24021	105.23 4.44 0.00	113.63 4.53 0.00	87.83 3.53 0.00	82.32 3.32 0.00	70.29 2.62 0.00	59.12 1.90 0.00	69.28 1.98 0.00	90.15 2.60 0.00	108.15 3.51 0.00	123.53 4.33 0.00	162.70 5.69 0.00	186.36 6.61 0.00	196.48 7.03 0.00	163.49 5.32 0.00	162.27 4.88 0.00	162.51 5.18 0.00	185.29 6.60 0.00	182.04 5.15 0.00	167.50 3.86 0.00	153.71 3.22 0.00	162.67 3.49 0.00	170.25 3.46 0.00	170.23 3.64 0.00	157.05 4.96 0.00
SITHE___STERLING 23777	102.76 1.97 0.00	111.25 2.15 0.00	86.04 1.73 0.00	80.72 1.72 0.00	69.19 1.52 0.00	58.60 1.38 0.00	69.01 1.72 0.00	89.94 2.39 0.00	107.64 3.01 0.00	122.57 3.37 0.00	161.63 4.61 0.00	184.60 5.13 0.28	193.41 5.20 1.23	157.08 4.51 5.59	157.23 4.67 4.82	156.21 4.99 6.11	181.39 5.75 3.04	182.01 6.29 1.17	169.61 5.47 -0.51	154.93 4.44 0.00	163.56 4.08 -0.29	171.15 4.36 0.00	170.86 4.27 0.00	155.44 3.35 0.00
SLEIGHT__34_KV_TB1 80719	95.64 -5.15 0.00	104.54 -4.56 0.00	80.50 -3.80 0.00	75.54 -3.46 0.00	64.63 -3.04 0.00	54.45 -2.77 0.00	63.98 -3.32 0.00	83.29 -4.26 0.00	99.63 -5.01 0.00	112.61 -6.59 0.00	147.98 -9.03 0.00	168.66 -10.61 0.48	176.70 -10.62 2.13	139.93 -8.60 9.63	140.48 -8.60 8.31	138.47 -8.34 10.52	165.62 -7.82 5.24	168.54 -6.09 2.26	157.62 -6.02 0.00	144.91 -5.57 0.00	152.67 -6.52 0.00	159.91 -6.87 0.00	160.92 -5.67 0.00	146.80 -5.30 0.00
SMITHTWN_69_KV_BK 1 55830	236.81 6.87 -129.15	172.10 6.94 -56.05	185.22 5.51 -95.40	85.88 4.90 -1.98	87.79 4.33 -15.79	339.93 3.88 -278.83	134.47 4.78 -62.39	199.79 6.28 -105.96	318.60 6.20 -207.77	300.33 6.31 -174.83	308.27 9.28 -141.97	285.04 9.27 -96.02	267.15 9.88 -67.82	232.55 7.74 -66.64	176.13 7.55 -11.19	162.23 6.96 2.07	187.59 7.30 -1.61	202.61 7.68 -18.05	172.64 8.53 -0.46	291.48 8.19 -132.80	176.73 7.76 -9.78	246.42 8.23 -71.41	175.34 6.68 -2.06	126.82 3.99 29.26
SOUTH CAIRO___GT 23612	108.43 7.63 0.00	117.34 8.24 0.00	90.61 6.31 0.00	84.96 5.96 0.00	72.84 5.17 0.00	61.71 4.49 0.00	72.65 5.36 0.00	94.53 6.98 0.00	113.32 8.69 0.00	129.26 10.07 0.00	170.38 13.36 0.00	194.84 15.17 0.09	204.62 15.56 0.38	169.00 12.56 1.73	167.75 11.86 1.49	167.58 12.14 1.89	192.26 14.52 0.94	130.01 15.61 62.49	177.97 14.33 0.00	163.66 13.17 0.00	173.05 13.86 0.00	180.90 14.12 0.00	179.86 13.26 0.00	164.39 12.29 0.00
SOUTH HAMPTN___IC 23720	207.41 8.52 -98.11	160.59 8.92 -42.58	164.15 7.37 -72.47	87.17 6.67 -1.50	85.59 5.92 -11.99	274.17 5.14 -211.81	120.86 6.17 -47.40	176.27 8.23 -80.49	271.21 8.75 -157.82	261.39 9.36 -132.83	279.37 12.42 -109.93	266.86 12.72 -74.39	259.26 12.40 -57.42	221.18 8.50 -54.51	175.36 7.33 -10.65	161.03 5.55 1.85	186.81 6.28 -1.84	204.31 7.65 -19.76	173.42 8.74 -1.04	260.29 8.95 -100.85	174.21 7.53 -7.50	228.58 7.57 -54.23	173.82 7.03 -0.19	126.69 4.09 29.50
SOUTHDOW_115KV_TB1 355954	93.58 -7.21 0.00	103.82 -5.28 0.00	79.86 -4.45 0.00	74.27 -4.73 0.00	63.32 -4.35 0.00	53.08 -4.14 0.00	62.31 -4.99 0.00	81.35 -6.20 0.00	97.14 -7.50 0.00	109.84 -9.36 0.00	145.12 -11.90 0.00	164.44 -14.79 0.52	171.42 -15.72 2.30	135.70 -12.04 10.43	134.83 -13.56 9.00	134.32 -11.62 11.39	162.50 -9.94 6.25	163.40 -10.33 3.15	148.40 -11.59 3.64	129.09 -10.51 10.89	147.00 -10.71 1.48	157.58 -9.21 0.00	161.19 -5.40 0.00	146.77 -5.33 0.00
SOUTHOLD_69_KV_BK 2 55809	208.05 9.18 -98.08	161.53 9.86 -42.57	164.93 8.17 -72.45	87.98 7.48 -1.50	86.27 6.61 -11.99	274.61 5.64 -211.75	121.55 6.87 -47.38	177.31 9.29 -80.47	272.51 10.09 -157.78	262.92 10.93 -132.80	281.17 14.25 -109.90	269.30 15.18 -74.36	261.23 14.38 -57.40	222.31 9.65 -54.49	175.60 7.57 -10.64	161.01 5.53 1.85	187.14 6.62 -1.84	204.51 7.86 -19.76	173.57 8.89 -1.04	260.46 9.16 -100.82	174.21 7.53 -7.49	228.08 7.08 -54.22	173.55 6.77 -0.19	126.62 4.02 29.49
SOUTHOLD___IC 23719	208.05 9.18 -98.08	161.48 9.81 -42.57	164.93 8.17 -72.45	87.96 7.45 -1.50	86.26 6.60 -11.99	274.61 5.64 -211.75	121.53 6.85 -47.38	177.28 9.27 -80.47	272.48 10.07 -157.78	262.90 10.90 -132.80	281.08 14.16 -109.90	269.22 15.11 -74.36	261.17 14.32 -57.40	222.27 9.61 -54.49	175.50 7.47 -10.64	160.90 5.42 1.85	187.05 6.52 -1.84	204.50 7.86 -19.76	173.55 8.87 -1.04	260.37 9.07 -100.82	174.22 7.54 -7.49	228.08 7.07 -54.22	173.60 6.81 -0.19	126.46 3.86 29.49
SOUTH_FORK_WT_PWR 323839	207.80 8.92 -98.09	161.46 9.79 -42.57	165.14 8.37 -72.46	88.15 7.65 -1.50	86.45 6.79 -11.99	274.75 5.75 -211.78	121.58 6.89 -47.39	177.53 9.50 -80.48	272.87 10.42 -157.80	263.27 11.26 -132.82	281.12 14.18 -109.92	269.69 15.56 -74.38	260.87 14.01 -57.41	221.33 8.66 -54.50	173.75 5.72 -10.64	158.34 2.87 1.85	184.47 3.94 -1.84	201.95 5.30 -19.76	171.26 6.59 -1.04	258.31 6.99 -100.83	171.89 5.21 -7.49	225.11 4.10 -54.22	170.88 4.09 -0.19	124.22 1.62 29.50
SPIERFLS_115KV_TB 1 80737	108.63 7.84 0.00	117.61 8.51 0.00	90.87 6.56 0.00	85.23 6.23 0.00	73.04 5.37 0.00	61.79 4.58 0.00	72.96 5.66 0.00	95.07 7.53 0.00	113.66 9.02 0.00	129.27 10.07 0.00	170.38 13.36 0.00	195.10 15.36 0.00	205.78 16.34 0.00	171.36 13.19 0.00	170.85 13.47 0.00	170.71 13.38 0.00	194.41 15.72 0.00	262.32 15.88 -69.55	178.66 15.02 0.00	164.26 13.78 0.00	173.71 14.52 0.00	182.16 15.37 0.00	180.83 14.24 0.00	164.59 12.50 0.00
ST LAWRENCE____ 23600	101.86 1.07 0.00	109.84 0.74 0.00	84.86 0.55 0.00	79.59 0.59 0.00	68.18 0.51 0.00	57.55 0.33 0.00	67.56 0.26 0.00	87.82 0.28 0.00	105.14 0.50 0.00	120.08 0.87 0.00	157.98 0.96 0.00	181.21 1.46 0.00	190.86 1.41 0.00	159.00 0.83 0.00	158.02 0.63 0.00	158.04 0.71 0.00	179.98 1.29 0.00	176.69 -0.20 0.00	162.73 -0.91 0.00	149.59 -0.89 0.00	158.54 -0.65 0.00	166.12 -0.66 0.00	166.36 -0.23 0.00	152.58 0.49 0.00

STATE_CA_115KV_115_LB 55624	104.92 4.14 0.00	113.56 4.46 0.00	87.78 3.48 0.00	82.26 3.26 0.00	70.50 2.83 0.00	59.66 2.45 0.00	70.09 2.80 0.00	90.89 3.34 0.00	108.57 3.93 0.00	123.77 4.57 0.00	163.18 6.16 0.00	186.88 7.13 0.00	196.90 7.45 0.00	164.31 6.14 0.00	163.09 5.70 0.00	162.68 5.35 0.00	183.82 5.13 0.00	198.61 5.85 -15.86	169.32 5.68 0.00	155.97 5.48 0.00	165.01 5.82 0.00	172.72 5.93 0.00	172.01 5.42 0.00	157.59 5.50 0.00
STATE_ST_34_KV_LOAD 55959	98.66 -2.13 0.00	107.21 -1.89 0.00	82.76 -1.54 0.00	77.78 -1.23 0.00	66.53 -1.14 0.00	56.14 -1.07 0.00	66.23 -1.06 0.00	86.30 -1.25 0.00	103.15 -1.49 0.00	116.79 -2.41 0.00	153.74 -3.28 0.00	175.21 -4.19 0.35	184.15 -3.74 1.55	148.25 -2.89 7.03	148.20 -3.12 6.06	146.82 -2.83 7.68	172.59 -2.27 3.83	174.29 -1.41 1.19	164.53 -0.78 -1.67	149.80 -0.68 0.00	158.54 -1.61 -0.97	165.36 -1.43 0.00	165.31 -1.29 0.00	150.40 -1.69 0.00
STATION_5_MISC_HYD 23604	77.70 -6.20 16.88	70.99 -5.22 32.88	69.07 -4.46 10.78	70.81 -4.10 4.09	54.55 -3.62 9.51	46.09 -3.37 7.76	44.26 -4.22 18.83	67.66 -5.52 14.37	81.05 -6.60 16.99	95.21 -8.60 15.39	121.02 -11.53 24.47	135.28 -13.42 31.05	151.19 -13.87 24.38	119.96 -11.44 26.76	121.46 -11.31 24.62	129.26 -11.16 16.91	152.28 -10.54 15.87	157.55 -8.56 10.79	153.90 -8.82 0.91	141.59 -7.94 0.96	149.40 -9.26 0.53	150.09 -9.52 7.18	124.90 -7.56 34.13	110.55 -6.56 34.98
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	95.96 -4.83 0.00	104.99 -4.11 0.00	80.84 -3.46 0.00	75.82 -3.19 0.00	64.87 -2.81 0.00	54.66 -2.55 0.00	64.16 -3.13 0.00	83.53 -4.02 0.00	99.87 -4.76 0.00	112.84 -6.36 0.00	148.34 -8.68 0.00	168.93 -10.34 0.48	176.81 -10.51 2.13	140.09 -8.44 9.64	140.74 -8.34 8.31	138.72 -8.10 10.52	165.98 -7.47 5.24	168.94 -5.69 2.26	157.89 -5.75 0.00	145.16 -5.32 0.00	153.02 -6.16 0.00	160.31 -6.48 0.00	161.35 -5.24 0.00	147.23 -4.87 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	94.22 -6.57 0.00	103.38 -5.71 0.00	79.52 -4.79 0.00	74.58 -4.42 0.00	63.78 -3.89 0.00	53.64 -3.57 0.00	62.85 -4.45 0.00	81.73 -5.82 0.00	97.71 -6.92 0.00	110.27 -8.93 0.00	144.98 -12.04 0.00	165.10 -14.11 0.53	172.66 -14.45 2.34	135.73 -11.85 10.58	136.44 -11.82 9.12	134.11 -11.67 11.55	161.53 -11.23 5.93	165.13 -9.05 2.70	153.33 -9.17 1.13	138.73 -8.46 3.30	149.24 -9.48 0.47	156.85 -9.93 0.00	158.55 -8.05 0.00	144.92 -7.17 0.00
STA_56___34_KV_BUS2 355983	94.22 -6.57 0.00	103.38 -5.71 0.00	79.52 -4.79 0.00	74.58 -4.42 0.00	63.78 -3.89 0.00	53.64 -3.57 0.00	62.85 -4.45 0.00	81.73 -5.82 0.00	97.71 -6.92 0.00	110.27 -8.93 0.00	144.98 -12.04 0.00	165.10 -14.11 0.53	172.66 -14.45 2.34	135.73 -11.85 10.58	136.44 -11.82 9.12	134.11 -11.67 11.55	161.53 -11.23 5.93	165.13 -9.05 2.70	153.33 -9.17 1.13	138.73 -8.46 3.30	149.24 -9.48 0.47	156.85 -9.93 0.00	158.55 -8.05 0.00	144.92 -7.17 0.00
STA_67___115KV_BK2 355882	94.33 -6.46 0.00	103.63 -5.47 0.00	79.69 -4.62 0.00	74.74 -4.26 0.00	63.91 -3.76 0.00	53.72 -3.50 0.00	62.90 -4.40 0.00	81.81 -5.74 0.00	97.76 -6.88 0.00	110.25 -8.95 0.00	144.94 -12.08 0.00	165.03 -14.19 0.53	172.54 -14.56 2.35	135.57 -11.95 10.65	136.31 -11.90 9.18	133.95 -11.76 11.62	161.51 -11.22 5.96	165.16 -8.98 2.75	153.22 -9.19 1.24	138.81 -8.47 3.21	149.14 -9.52 0.53	156.88 -9.90 0.00	158.78 -7.81 0.00	145.19 -6.91 0.00
STA_7___115KV_9TRANS 80674	95.00 -5.79 0.00	104.34 -4.76 0.00	80.19 -4.11 0.00	75.21 -3.79 0.00	64.32 -3.35 0.00	54.07 -3.15 0.00	63.33 -3.97 0.00	82.40 -5.14 0.00	98.51 -6.13 0.00	111.12 -8.08 0.00	146.09 -10.93 0.00	166.42 -12.80 0.53	174.05 -13.04 2.35	136.89 -10.63 10.65	137.62 -10.59 9.18	135.27 -10.44 11.62	163.06 -9.67 5.96	166.62 -7.52 2.75	154.46 -7.94 1.24	139.87 -7.39 3.23	150.20 -8.46 0.53	157.91 -8.87 0.00	159.77 -6.82 0.00	146.07 -6.02 0.00
STA_82___115KV_TB1 80780	94.26 -6.53 0.00	103.56 -5.54 0.00	79.62 -4.69 0.00	74.69 -4.31 0.00	63.85 -3.82 0.00	53.68 -3.54 0.00	62.85 -4.45 0.00	81.73 -5.82 0.00	97.66 -6.98 0.00	110.16 -9.04 0.00	144.78 -12.23 0.00	164.85 -14.37 0.53	172.34 -14.76 2.35	135.44 -12.11 10.62	136.17 -12.06 9.16	133.79 -11.95 11.59	161.50 -11.41 5.77	164.98 -9.16 2.75	153.36 -9.37 0.92	141.87 -8.62 0.00	148.99 -9.67 0.53	156.72 -10.07 0.00	158.63 -7.96 0.00	145.07 -7.02 0.00
STEEL___WIND 323596	54.84 -9.36 36.58	30.30 -7.53 71.27	54.38 -6.56 23.36	63.95 -6.19 8.87	41.65 -5.43 20.59	35.16 -5.25 16.81	19.79 -6.71 40.80	47.54 -8.85 31.15	57.28 -10.54 36.82	72.55 -13.30 33.35	86.96 -17.01 53.04	93.12 -19.95 66.67	118.83 -20.55 50.07	95.16 -17.53 45.48	97.15 -17.68 42.56	117.37 -16.96 23.00	133.48 -16.41 28.79	141.65 -14.77 20.47	143.92 -15.32 4.39	113.96 -13.71 22.82	142.77 -15.21 1.21	136.76 -14.47 15.56	82.31 -10.29 73.99	67.83 -8.45 75.81
STEPHTWN_115KV_BK_2 55603	105.12 4.33 0.00	113.65 4.55 0.00	87.87 3.57 0.00	82.50 3.50 0.00	70.52 2.85 0.00	59.69 2.48 0.00	70.27 2.97 0.00	91.31 3.76 0.00	109.13 4.49 0.00	124.38 5.18 0.00	164.16 7.14 0.00	188.01 8.26 0.00	197.82 8.38 0.00	165.00 6.83 0.00	163.95 6.57 0.00	163.82 6.49 0.00	185.22 6.54 0.00	66.02 6.87 117.74	170.73 7.09 0.00	157.33 6.84 0.00	166.45 7.26 0.00	174.31 7.52 0.00	173.27 6.67 0.00	158.52 6.43 0.00
STEUBEN_REC_LFGE 323667	95.51 -5.28 0.00	105.03 -4.07 0.00	80.70 -3.60 0.00	75.72 -3.28 0.00	64.59 -3.08 0.00	54.33 -2.88 0.00	63.36 -3.94 0.00	81.85 -5.70 0.00	97.70 -6.93 0.00	112.48 -6.72 0.00	149.96 -7.06 0.00	170.19 -9.06 0.50	177.07 -10.17 2.21	139.41 -8.75 10.00	140.23 -8.53 8.63	138.87 -7.54 10.92	169.51 -6.98 2.20	163.58 -9.24 4.07	146.83 -13.88 2.93	199.01 -13.07 -61.60	140.91 -12.96 5.32	158.62 -8.17 0.00	160.97 -5.62 0.00	143.72 -8.38 0.00
STILLWATER___SOLAR 323814	106.78 6.00 0.00	115.61 6.51 0.00	89.36 5.06 0.00	83.80 4.80 0.00	71.79 4.12 0.00	60.74 3.52 0.00	71.60 4.30 0.00	93.18 5.64 0.00	111.40 6.76 0.00	126.80 7.60 0.00	167.08 10.07 0.00	191.22 11.48 0.00	201.54 12.09 0.00	168.31 10.14 0.00	167.66 10.27 0.00	167.55 10.22 0.00	190.32 11.63 0.00	264.49 12.08 -75.52	175.02 11.38 0.00	160.99 10.50 0.00	170.36 11.17 0.00	178.40 11.61 0.00	177.35 10.75 0.00	161.64 9.55 0.00
STONY___BROOK 24151	218.30 6.86 -110.65	164.04 6.92 -48.02	171.57 5.52 -81.74	85.60 4.91 -1.69	85.55 4.35 -13.53	299.99 3.89 -238.88	125.52 4.76 -53.46	184.58 6.25 -90.78	288.79 6.15 -178.00	275.27 6.28 -149.80	288.91 9.19 -122.71	271.92 9.16 -83.01	260.38 9.79 -61.13	224.81 7.59 -59.05	175.44 7.40 -10.65	162.16 6.79 1.96	187.42 7.06 -1.67	202.81 7.18 -18.74	172.48 8.09 -0.75	272.10 7.86 -113.75	175.25 7.65 -8.41	236.11 8.15 -61.17	174.33 6.79 -0.95	126.59 3.83 29.33
STURGEON_POOL_HYD 23609	104.14 3.36 0.00	112.59 3.49 0.00	87.03 2.73 0.00	81.41 2.41 0.00	69.82 2.15 0.00	59.18 1.97 0.00	69.84 2.55 0.00	90.99 3.45 0.00	108.52 3.88 0.00	123.88 4.68 0.00	163.61 6.59 0.00	186.81 7.16 0.10	197.15 8.14 0.44	163.38 7.22 2.01	163.05 7.39 1.73	162.42 7.28 2.19	184.90 7.30 1.09	177.37 8.34 7.86	172.42 8.78 0.00	158.64 8.16 0.00	167.45 8.26 0.00	175.10 8.32 0.00	173.86 7.26 0.00	157.75 5.66 0.00

ST_LAW_115_BK7_LBMP 345037	102.01 1.23 0.00	110.02 0.93 0.00	84.99 0.69 0.00	79.72 0.72 0.00	68.26 0.59 0.00	57.62 0.41 0.00	67.61 0.31 0.00	87.91 0.37 0.00	105.25 0.62 0.00	120.19 0.99 0.00	158.04 1.03 0.00	181.32 1.57 0.00	191.01 1.57 0.00	159.09 0.93 0.00	158.10 0.72 0.00	158.15 0.82 0.00	179.99 1.30 0.00	176.70 -0.19 0.00	162.73 -0.91 0.00	149.56 -0.93 0.00	158.54 -0.65 0.00	166.01 -0.77 0.00	166.27 -0.32 0.00	152.60 0.50 0.00
ST_LAW_115_BK8_LBMP 345038	102.01 1.23 0.00	110.02 0.93 0.00	84.99 0.69 0.00	79.72 0.72 0.00	68.26 0.59 0.00	57.62 0.41 0.00	67.61 0.31 0.00	87.91 0.37 0.00	105.25 0.62 0.00	120.19 0.99 0.00	158.04 1.03 0.00	181.32 1.57 0.00	191.01 1.57 0.00	159.09 0.93 0.00	158.10 0.72 0.00	158.15 0.82 0.00	179.99 1.30 0.00	176.70 -0.19 0.00	162.73 -0.91 0.00	149.56 -0.93 0.00	158.54 -0.65 0.00	166.01 -0.77 0.00	166.27 -0.32 0.00	152.60 0.50 0.00
ST_LAW_230_BK5_LBMP 345035	101.86 1.07 0.00	109.84 0.74 0.00	84.86 0.55 0.00	79.59 0.59 0.00	68.18 0.51 0.00	57.55 0.33 0.00	67.56 0.26 0.00	87.82 0.28 0.00	105.14 0.50 0.00	120.08 0.87 0.00	157.98 0.96 0.00	181.21 1.46 0.00	190.86 1.41 0.00	159.00 0.83 0.00	158.02 0.63 0.00	158.04 0.71 0.00	179.98 1.29 0.00	176.69 -0.20 0.00	162.73 -0.91 0.00	149.59 -0.89 0.00	158.54 -0.65 0.00	166.12 -0.66 0.00	166.36 -0.23 0.00	152.58 0.49 0.00
ST_LAW_230_BK6_LBMP 345036	101.86 1.07 0.00	109.84 0.74 0.00	84.86 0.55 0.00	79.59 0.59 0.00	68.18 0.51 0.00	57.55 0.33 0.00	67.56 0.26 0.00	87.82 0.28 0.00	105.14 0.50 0.00	120.08 0.87 0.00	157.98 0.96 0.00	181.21 1.46 0.00	190.86 1.41 0.00	159.00 0.83 0.00	158.02 0.63 0.00	158.04 0.71 0.00	179.98 1.29 0.00	176.69 -0.20 0.00	162.73 -0.91 0.00	149.59 -0.89 0.00	158.54 -0.65 0.00	166.12 -0.66 0.00	166.36 -0.23 0.00	152.58 0.49 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	103.42 2.63 0.00	111.86 2.76 0.00	86.47 2.16 0.00	80.85 1.85 0.00	69.33 1.66 0.00	58.75 1.53 0.00	69.31 2.01 0.00	90.22 2.68 0.00	107.64 3.00 0.00	122.84 3.64 0.00	162.22 5.20 0.00	185.35 5.70 0.11	195.38 6.41 0.47	161.78 5.74 2.13	161.45 5.90 1.84	160.60 5.60 2.33	182.91 5.38 1.16	190.53 6.45 -7.19	170.49 6.85 0.00	156.86 6.37 0.00	165.62 6.43 0.00	173.32 6.53 0.00	172.23 5.63 0.00	156.45 4.35 0.00
SWANROAD_115KV_TB1 355699	87.85 -12.93 0.00	98.51 -10.58 0.00	74.93 -9.37 0.00	70.22 -8.78 0.00	60.19 -7.48 0.00	50.09 -7.13 0.00	58.02 -9.27 0.00	75.44 -12.11 0.00	90.00 -14.63 0.00	100.89 -18.30 0.00	132.68 -24.34 0.00	151.00 -28.22 0.53	157.83 -29.27 2.35	122.50 -25.05 10.62	122.87 -25.36 9.16	120.86 -24.88 11.59	146.95 -25.04 6.70	152.02 -21.91 2.97	138.55 -21.56 3.53	112.93 -19.52 18.03	136.81 -21.39 0.99	145.13 -21.65 0.00	150.33 -16.26 0.00	137.80 -14.29 0.00
SYNERGY___BIOGAS 323694	93.13 -7.66 0.00	103.43 -5.67 0.00	79.03 -5.28 0.00	74.13 -4.87 0.00	63.46 -4.21 0.00	53.09 -4.12 0.00	61.92 -5.38 0.00	80.59 -6.96 0.00	96.34 -8.30 0.00	108.03 -11.18 0.00	141.52 -15.50 0.00	160.80 -18.43 0.53	167.74 -19.37 2.34	131.24 -16.32 10.61	130.66 -17.58 9.15	127.44 -18.31 11.58	155.20 -17.10 6.39	160.42 -13.59 2.87	147.19 -13.80 2.65	125.51 -12.53 12.45	144.38 -13.99 0.81	152.42 -14.36 0.00	155.69 -10.90 0.00	142.36 -9.73 0.00
SYRACUSE___ENERGY_ST1 323597	98.21 -2.58 0.00	106.63 -2.48 0.00	82.32 -1.98 0.00	77.18 -1.82 0.00	66.08 -1.59 0.00	55.88 -1.34 0.00	65.79 -1.51 0.00	85.66 -1.89 0.00	102.35 -2.29 0.00	116.35 -2.85 0.00	153.40 -3.62 0.00	174.98 -4.48 0.29	183.64 -4.51 1.30	148.73 -3.56 5.88	148.84 -3.48 5.07	147.56 -3.36 6.42	172.17 -3.32 3.20	173.01 -2.67 1.21	161.84 -2.40 -0.60	148.19 -2.29 0.00	156.87 -2.67 -0.35	164.01 -2.78 0.00	163.83 -2.76 0.00	149.20 -2.89 0.00
SYRACUSE___ENERGY_ST2 323598	98.21 -2.58 0.00	106.63 -2.48 0.00	82.32 -1.98 0.00	77.18 -1.82 0.00	66.08 -1.59 0.00	55.88 -1.34 0.00	65.79 -1.51 0.00	85.66 -1.89 0.00	102.35 -2.29 0.00	116.35 -2.85 0.00	153.40 -3.62 0.00	174.98 -4.48 0.29	183.64 -4.51 1.30	148.73 -3.56 5.88	148.84 -3.48 5.07	147.56 -3.36 6.42	172.17 -3.32 3.20	173.01 -2.67 1.21	161.84 -2.40 -0.60	148.19 -2.29 0.00	156.87 -2.67 -0.35	164.01 -2.78 0.00	163.83 -2.76 0.00	149.20 -2.89 0.00
SYRACUSE___POWER 24017	98.21 -2.58 0.00	106.63 -2.48 0.00	82.31 -1.99 0.00	77.12 -1.89 0.00	66.02 -1.65 0.00	55.86 -1.36 0.00	65.76 -1.53 0.00	85.61 -1.94 0.00	102.25 -2.38 0.00	116.33 -2.87 0.00	153.41 -3.60 0.00	174.77 -4.46 0.52	182.64 -4.51 2.30	144.17 -3.60 10.40	144.94 -3.49 8.96	142.73 -3.25 11.35	169.77 -3.26 5.66	172.02 -2.67 2.21	162.01 -2.48 -0.85	148.07 -2.42 0.00	157.05 -2.63 -0.49	164.04 -2.75 0.00	163.82 -2.78 0.00	149.07 -3.02 0.00
TALLMAN_138KV_BK151 55660	103.39 2.60 0.00	111.79 2.69 0.00	86.44 2.13 0.00	80.79 1.79 0.00	69.31 1.63 0.00	58.73 1.52 0.00	69.30 2.01 0.00	90.24 2.70 0.00	107.60 2.97 0.00	122.86 3.66 0.00	162.37 5.35 0.00	185.56 5.91 0.10	195.61 6.63 0.46	162.06 5.99 2.10	161.67 6.10 1.81	160.78 5.75 2.29	182.86 5.31 1.14	191.21 6.60 -7.72	170.73 7.09 0.00	157.05 6.56 0.00	165.79 6.60 0.00	173.52 6.74 0.00	172.41 5.82 0.00	156.49 4.39 0.00
TEALLAVE_115KV_TB7 355573	97.68 -3.11 0.00	106.05 -3.05 0.00	81.88 -2.43 0.00	76.71 -2.29 0.00	65.68 -1.99 0.00	55.55 -1.67 0.00	65.35 -1.95 0.00	85.09 -2.46 0.00	101.65 -2.99 0.00	115.63 -3.57 0.00	152.45 -4.58 0.00	173.75 -5.49 0.51	181.48 -5.71 2.26	143.35 -4.59 10.23	144.11 -4.44 8.83	141.81 -4.34 11.17	168.64 -4.48 5.57	170.68 -3.81 2.40	160.12 -3.52 0.00	147.13 -3.36 0.00	155.42 -3.77 0.00	162.85 -3.93 0.00	162.77 -3.82 0.00	148.29 -3.80 0.00
TELGRAPH_34_KV_EAST 80808	90.34 -10.45 0.00	100.71 -8.39 0.00	76.85 -7.45 0.00	72.05 -6.95 0.00	61.69 -5.98 0.00	51.47 -5.75 0.00	59.88 -7.42 0.00	77.89 -9.66 0.00	93.04 -11.60 0.00	104.43 -14.77 0.00	137.26 -19.76 0.00	156.14 -23.08 0.53	163.27 -23.83 2.34	127.29 -20.26 10.61	127.48 -20.76 9.15	125.32 -20.43 11.58	152.27 -19.89 6.53	157.14 -16.83 2.92	143.66 -16.90 3.08	119.87 -15.36 15.26	141.32 -16.98 0.89	149.66 -17.13 0.00	153.81 -12.78 0.00	140.85 -11.24 0.00
TEMPLE___115KV_TB 2 55572	97.69 -3.10 0.00	106.08 -3.02 0.00	81.89 -2.42 0.00	76.71 -2.29 0.00	65.68 -1.99 0.00	55.56 -1.66 0.00	65.36 -1.94 0.00	85.09 -2.46 0.00	101.65 -2.99 0.00	115.63 -3.57 0.00	152.46 -4.56 0.00	173.75 -5.46 0.54	181.40 -5.66 2.38	142.82 -4.56 10.79	143.65 -4.43 9.31	141.23 -4.32 11.78	168.38 -4.44 5.87	170.60 -3.76 2.53	160.14 -3.50 0.00	147.17 -3.32 0.00	155.47 -3.71 0.00	162.93 -3.86 0.00	162.84 -3.75 0.00	148.30 -3.79 0.00
TIANA___69_KV_BK 1 55817	207.18 8.31 -98.08	160.30 8.63 -42.57	163.77 7.01 -72.46	86.86 6.36 -1.50	85.28 5.62 -11.99	273.89 4.92 -211.76	120.60 5.92 -47.39	175.88 7.87 -80.47	270.69 8.27 -157.78	260.77 8.77 -132.80	278.80 11.89 -109.90	266.05 11.94 -74.37	258.78 11.93 -57.40	220.98 8.32 -54.49	175.50 7.47 -10.64	161.40 5.92 1.85	187.14 6.61 -1.84	204.47 7.82 -19.76	173.62 8.94 -1.04	260.46 9.15 -100.82	174.44 7.76 -7.49	229.01 8.01 -54.22	174.03 7.25 -0.19	127.06 4.46 29.49

TILDEN___115KV_TB1 80814	98.21 -2.58 0.00	106.63 -2.48 0.00	82.31 -1.99 0.00	77.12 -1.89 0.00	66.02 -1.65 0.00	55.86 -1.36 0.00	65.76 -1.53 0.00	85.61 -1.94 0.00	102.25 -2.38 0.00	116.33 -2.87 0.00	153.41 -3.60 0.00	174.77 -4.46 0.52	182.64 -4.51 2.30	144.17 -3.60 10.40	144.94 -3.49 8.96	142.73 -3.25 11.35	169.77 -3.26 5.66	172.02 -2.67 2.21	162.01 -2.48 -0.85	148.07 -2.42 0.00	157.05 -2.63 -0.49	164.04 -2.75 0.00	163.82 -2.78 0.00	149.07 -3.02 0.00
TRIGEN___CC 323695	105.62 4.83 0.00	113.93 4.83 0.00	88.11 3.80 0.00	82.39 3.39 0.00	70.70 3.03 0.00	59.98 2.77 0.00	70.76 3.47 0.00	92.07 4.52 0.00	109.12 4.49 0.00	124.11 4.91 0.00	164.78 7.76 0.00	187.83 8.18 0.10	197.90 8.91 0.45	163.48 7.36 2.05	163.10 7.48 1.77	162.17 7.08 2.24	184.76 7.19 1.12	193.41 8.06 -8.46	172.31 8.66 0.00	158.55 8.06 0.00	167.06 7.88 0.00	174.69 7.91 0.00	172.27 6.59 0.91	151.54 4.41 4.96
TRINITY___115KV___4 BK 55933	104.38 3.60 0.00	113.00 3.90 0.00	87.36 3.06 0.00	81.87 2.87 0.00	70.16 2.49 0.00	59.37 2.15 0.00	69.76 2.46 0.00	90.48 2.93 0.00	108.05 3.42 0.00	123.17 3.97 0.00	162.35 5.34 0.00	185.86 6.11 0.00	195.88 6.43 0.00	163.51 5.34 0.00	162.32 4.93 0.00	161.96 4.63 0.00	182.90 4.21 0.00	166.30 4.88 15.47	168.42 4.78 0.00	155.16 4.68 0.00	164.21 5.03 0.00	171.89 5.11 0.00	171.19 4.60 0.00	156.82 4.72 0.00
UNION___PROCESSING_DRP 323587	94.28 -6.50 0.00	103.57 -5.52 0.00	79.63 -4.67 0.00	74.71 -4.29 0.00	63.88 -3.80 0.00	53.69 -3.53 0.00	62.86 -4.44 0.00	81.74 -5.81 0.00	97.71 -6.92 0.00	110.18 -9.02 0.00	144.85 -12.17 0.00	164.93 -14.29 0.53	172.42 -14.68 2.34	135.52 -12.05 10.60	136.22 -12.02 9.14	133.84 -11.92 11.57	161.56 -11.37 5.76	165.03 -9.11 2.74	153.43 -9.29 0.91	141.92 -8.57 0.00	149.02 -9.64 0.53	156.79 -10.00 0.00	158.69 -7.91 0.00	145.11 -6.99 0.00
UPPER HUDSON___HYD 24058	108.63 7.85 0.00	117.59 8.49 0.00	90.87 6.57 0.00	85.23 6.23 0.00	73.04 5.37 0.00	61.79 4.58 0.00	72.96 5.66 0.00	95.07 7.52 0.00	113.66 9.02 0.00	129.28 10.08 0.00	170.38 13.36 0.00	195.10 15.36 0.00	205.78 16.33 0.00	171.36 13.19 0.00	170.83 13.44 0.00	170.69 13.36 0.00	194.41 15.72 0.00	262.32 15.88 -69.55	178.66 15.02 0.00	164.26 13.77 0.00	173.71 14.52 0.00	182.15 15.36 0.00	180.83 14.23 0.00	164.59 12.50 0.00
UPPER RAQUET___HYD 24056	103.49 2.70 0.00	111.91 2.81 0.00	86.47 2.16 0.00	81.06 2.05 0.00	69.11 1.44 0.00	57.95 0.73 0.00	67.81 0.51 0.00	88.21 0.66 0.00	105.77 1.13 0.00	120.95 1.75 0.00	159.85 2.83 0.00	183.32 3.57 0.00	193.11 3.67 0.00	160.60 2.44 0.00	159.38 1.99 0.00	159.15 1.82 0.00	180.49 1.80 0.00	177.07 0.18 0.00	162.83 -0.81 0.00	149.29 -1.20 0.00	157.91 -1.28 0.00	165.55 -1.24 0.00	166.31 -0.28 0.00	153.74 1.64 0.00
VALLEY44_115KV_TB2 355964	93.54 -7.25 0.00	103.33 -5.77 0.00	79.33 -4.98 0.00	74.35 -4.65 0.00	63.16 -4.51 0.00	52.83 -4.39 0.00	61.90 -5.39 0.00	80.70 -6.85 0.00	96.43 -8.20 0.00	108.61 -10.59 0.00	143.72 -13.30 0.00	163.14 -16.09 0.52	170.72 -16.43 2.30	134.01 -13.75 10.40	134.35 -14.07 8.97	132.60 -13.37 11.35	160.04 -12.56 6.08	161.71 -12.01 3.16	147.99 -12.24 3.41	131.19 -11.30 8.00	145.77 -11.91 1.51	155.98 -10.80 0.00	159.17 -7.42 0.00	145.67 -6.42 0.00
VALLEY___115KV_TB 1-4 80826	104.82 4.03 0.00	113.19 4.09 0.00	87.54 3.23 0.00	82.19 3.19 0.00	70.52 2.85 0.00	59.73 2.51 0.00	70.39 3.09 0.00	91.76 4.21 0.00	109.89 5.26 0.00	124.65 6.45 0.00	164.18 9.96 0.00	187.47 11.23 0.26	197.30 11.56 1.17	164.48 9.73 5.29	164.10 10.03 4.56	164.58 10.21 5.77	186.49 11.72 2.88	184.78 12.10 -2.70	170.98 11.57 0.00	157.47 10.82 0.00	166.79 11.33 0.00	174.60 11.66 0.00	173.22 11.31 0.00	157.71 9.57 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	106.01 5.22 0.00	114.78 5.68 0.00	88.66 4.36 0.00	83.08 4.07 0.00	71.14 3.47 0.00	60.30 3.08 0.00	71.12 3.82 0.00	92.81 5.26 0.00	111.09 6.45 0.00	126.38 7.19 0.00	166.98 9.96 0.00	190.71 11.23 0.26	199.84 11.56 1.17	162.61 9.73 5.29	162.86 10.03 4.56	161.76 10.21 5.77	187.54 11.72 2.88	191.69 12.10 -2.70	175.22 11.57 0.00	161.31 10.82 0.00	170.51 11.33 0.00	178.45 11.66 0.00	177.90 11.31 0.00	161.66 9.57 0.00
VISCHER___FERRY HYD 24020	105.27 4.48 0.00	113.99 4.89 0.00	88.14 3.84 0.00	82.64 3.64 0.00	70.81 3.14 0.00	59.89 2.68 0.00	70.52 3.22 0.00	91.65 4.11 0.00	109.53 4.89 0.00	124.77 5.57 0.00	164.41 7.39 0.00	188.07 8.32 0.00	198.35 8.91 0.00	165.75 7.58 0.00	164.98 7.59 0.00	164.75 7.42 0.00	186.48 7.79 0.00	280.07 8.50 -94.68	171.66 8.02 0.00	158.01 7.52 0.00	167.29 8.10 0.00	175.18 8.39 0.00	174.21 7.62 0.00	159.09 7.00 0.00
V_A_10_SYNC_DSASP 323832	90.44 -10.35 0.00	100.12 -8.98 0.00	76.82 -7.48 0.00	72.07 -6.94 0.00	61.54 -6.13 0.00	51.48 -5.73 0.00	60.03 -7.26 0.00	77.97 -9.58 0.00	93.10 -11.54 0.00	104.64 -14.56 0.00	137.60 -19.42 0.00	156.53 -22.68 0.54	163.17 -23.89 2.39	127.45 -19.91 10.81	128.27 -19.79 9.33	125.77 -19.75 11.80	152.13 -20.01 6.54	156.55 -17.44 2.90	143.82 -17.26 2.57	122.37 -15.69 12.43	141.27 -17.16 0.76	149.42 -17.36 0.00	152.84 -13.75 0.00	140.29 -11.80 0.00
V_CMM_10_SYNC_DSASP 323787	102.50 1.71 0.00	110.32 1.22 0.00	85.32 1.01 0.00	80.10 1.10 0.00	68.60 0.93 0.00	57.91 0.69 0.00	67.94 0.65 0.00	88.35 0.80 0.00	105.79 1.15 0.00	120.52 1.32 0.00	157.73 0.71 0.00	180.90 1.15 0.00	190.48 1.03 0.00	158.79 0.62 0.00	157.66 0.28 0.00	157.75 0.42 0.00	179.63 0.94 0.00	176.35 -0.54 0.00	162.40 -1.24 0.00	149.30 -1.19 0.00	158.19 -0.99 0.00	165.67 -1.11 0.00	165.94 -0.66 0.00	152.27 0.18 0.00
V_CMP_10_SYNC_DSASP 323788	102.49 1.70 0.00	109.46 0.36 0.00	84.71 0.41 0.00	79.93 0.93 0.00	68.56 0.89 0.00	57.53 0.32 0.00	67.75 0.45 0.00	87.89 0.34 0.00	105.02 0.39 0.00	120.26 1.06 0.00	160.61 3.59 0.00	184.18 4.43 0.00	194.10 4.65 0.00	160.77 2.60 0.00	159.75 2.36 0.00	159.58 2.25 0.00	180.69 2.00 0.00	175.36 -1.53 0.00	160.48 -3.16 0.00	148.43 -2.06 0.00	158.57 -0.62 0.00	167.55 0.77 0.00	168.94 2.35 0.00	155.34 3.25 0.00
V_D_10_SYNC_DSASP 323841	103.41 2.62 0.00	111.61 2.51 0.00	86.24 1.94 0.00	80.84 1.84 0.00	69.19 1.52 0.00	58.33 1.12 0.00	68.43 1.13 0.00	88.97 1.42 0.00	106.56 1.93 0.00	121.73 2.53 0.00	160.34 3.32 0.00	183.94 4.19 0.00	193.84 4.40 0.00	161.34 3.18 0.00	160.36 2.98 0.00	160.41 3.08 0.00	182.53 3.85 0.00	179.18 2.29 0.00	164.92 1.28 0.00	151.55 1.06 0.00	160.59 1.41 0.00	168.15 1.36 0.00	168.05 1.46 0.00	154.78 2.68 0.00
V_E_10_SYNC_DSASP 323830	106.27 5.48 0.00	115.11 6.01 0.00	88.26 3.96 0.00	83.12 4.12 0.00	70.63 2.96 0.00	60.40 3.19 0.00	71.35 4.06 0.00	92.92 5.37 0.00	109.98 5.34 0.00	124.68 5.48 0.00	164.85 7.83 0.00	189.16 9.83 0.42	197.15 9.56 1.86	157.63 7.86 8.40	156.97 6.82 7.25	156.44 8.28 9.17	183.53 9.07 4.23	188.18 10.28 -1.01	179.97 11.55 -4.78	166.89 9.94 -6.46	171.37 9.79 -2.39	173.44 6.65 0.00	172.11 5.52 0.00	157.54 5.44 0.00

V_F_30_NSYNC___DSASP 323816	106.82 6.03 0.00	115.69 6.59 0.00	89.38 5.08 0.00	83.81 4.81 0.00	71.81 4.14 0.00	60.75 3.54 0.00	71.62 4.32 0.00	93.22 5.67 0.00	111.42 6.78 0.00	126.85 7.65 0.00	167.16 10.14 0.00	191.27 11.52 0.00	201.67 12.22 0.00	168.37 10.20 0.00	167.75 10.36 0.00	167.65 10.32 0.00	190.39 11.71 0.00	261.91 12.16 -72.86	175.11 11.47 0.00	161.05 10.57 0.00	170.45 11.27 0.00	178.52 11.73 0.00	177.45 10.85 0.00	161.69 9.59 0.00
V_F_30_SYNC_DSASP 323786	104.89 4.10 0.00	113.54 4.44 0.00	87.78 3.48 0.00	82.25 3.25 0.00	70.49 2.82 0.00	59.65 2.44 0.00	70.08 2.79 0.00	90.87 3.32 0.00	108.55 3.92 0.00	123.76 4.56 0.00	163.15 6.14 0.00	186.83 7.09 0.00	196.87 7.43 0.00	164.28 6.12 0.00	163.08 5.69 0.00	162.68 5.35 0.00	183.77 5.09 0.00	193.32 5.84 -10.59	169.28 5.64 0.00	155.93 5.44 0.00	164.98 5.80 0.00	172.70 5.91 0.00	171.96 5.36 0.00	157.57 5.47 0.00
V_XM_10_SYNC_DSASP 323789	102.49 1.70 0.00	109.46 0.36 0.00	84.71 0.41 0.00	79.93 0.93 0.00	68.56 0.89 0.00	57.53 0.32 0.00	67.75 0.45 0.00	87.89 0.34 0.00	105.02 0.39 0.00	120.26 1.06 0.00	160.61 3.59 0.00	184.18 4.43 0.00	194.10 4.65 0.00	160.77 2.60 0.00	159.75 2.36 0.00	159.58 2.25 0.00	180.69 2.00 0.00	175.36 -1.53 0.00	160.48 -3.16 0.00	148.43 -2.06 0.00	158.57 -0.62 0.00	167.55 0.77 0.00	168.94 2.35 0.00	155.34 3.25 0.00
W.BABYLN_69_KV_BK1 56697	115.61 6.85 -7.97	119.52 6.96 -3.46	95.60 5.41 -5.89	84.00 4.88 -0.12	72.91 4.26 -0.98	78.21 3.79 -17.20	75.87 4.72 -3.85	100.29 6.21 -6.53	123.78 6.32 -12.81	136.66 6.67 -10.79	176.83 10.30 -9.51	196.89 10.78 -6.35	207.11 11.74 -5.92	171.26 9.33 -3.76	166.56 9.21 0.04	163.96 8.77 2.14	187.50 9.44 0.63	197.89 10.50 -10.50	174.82 10.90 -0.28	167.71 9.49 -7.73	168.90 9.11 -0.60	180.07 9.14 -4.15	169.60 7.59 4.58	131.15 4.80 25.74
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	103.70 2.91 0.00	112.11 3.01 0.00	86.69 2.38 0.00	81.03 2.03 0.00	69.50 1.83 0.00	58.90 1.69 0.00	69.50 2.21 0.00	90.50 2.96 0.00	107.92 3.28 0.00	123.23 4.03 0.00	162.88 5.86 0.00	186.10 6.45 0.10	196.19 7.21 0.46	162.57 6.50 2.09	162.20 6.62 1.80	161.29 6.24 2.28	183.53 5.98 1.14	192.00 7.23 -7.88	171.27 7.64 0.00	157.57 7.09 0.00	166.37 7.19 0.00	174.12 7.34 0.00	172.92 6.33 0.00	156.96 4.86 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	104.47 3.68 0.00	112.92 3.82 0.00	87.38 3.08 0.00	81.77 2.77 0.00	70.15 2.48 0.00	59.49 2.27 0.00	70.17 2.88 0.00	91.31 3.77 0.00	108.80 4.17 0.00	124.24 5.04 0.00	164.48 7.46 0.00	187.96 8.31 0.10	198.20 9.21 0.45	164.31 8.19 2.05	163.94 8.32 1.77	163.05 7.96 2.24	185.24 7.66 1.12	194.26 8.91 -8.46	172.95 9.31 0.00	159.12 8.63 0.00	167.91 8.72 0.00	175.67 8.89 0.00	174.43 7.84 0.00	158.30 6.20 0.00
W50THST__13_KV_LOAD 356117	105.05 4.25 0.00	113.55 4.45 0.00	87.86 3.55 0.00	82.26 3.26 0.00	70.56 2.89 0.00	59.85 2.64 0.00	70.60 3.30 0.00	91.87 4.32 0.00	109.45 4.81 0.00	124.98 5.78 0.00	165.57 8.55 0.00	189.20 9.55 0.10	199.53 10.54 0.45	165.43 9.31 2.05	165.06 9.44 1.77	164.18 9.09 2.24	186.49 8.91 1.12	195.54 10.20 -8.46	174.15 10.51 0.00	160.18 9.70 0.00	169.05 9.86 0.00	176.87 10.08 0.00	175.57 8.98 0.00	159.30 7.20 0.00
WADING RIVER_IC_1 23522	206.68 7.46 -98.44	159.43 7.61 -42.72	163.16 6.14 -72.72	86.00 5.49 -1.51	84.57 4.86 -12.03	274.04 4.31 -212.52	119.97 5.11 -47.56	174.95 6.64 -80.76	269.75 6.76 -158.35	259.55 7.08 -133.28	276.89 9.56 -110.31	263.13 8.74 -74.65	256.33 9.23 -57.65	219.02 6.13 -54.73	173.96 5.86 -10.71	160.11 4.63 1.85	185.34 4.79 -1.86	203.02 6.30 -19.83	172.25 7.56 -1.05	259.67 7.99 -101.19	173.17 6.46 -7.52	228.37 7.17 -54.41	173.36 6.55 -0.21	126.12 3.53 29.51
WADING RIVER_IC_2 23547	206.68 7.46 -98.44	159.43 7.61 -42.72	163.16 6.14 -72.72	86.00 5.49 -1.51	84.57 4.86 -12.03	274.04 4.31 -212.52	119.97 5.11 -47.56	174.95 6.64 -80.76	269.75 6.76 -158.35	259.55 7.08 -133.28	276.89 9.56 -110.31	263.13 8.74 -74.65	256.33 9.23 -57.65	219.02 6.13 -54.73	173.96 5.86 -10.71	160.11 4.63 1.85	185.34 4.79 -1.86	203.02 6.30 -19.83	172.25 7.56 -1.05	259.67 7.99 -101.19	173.17 6.46 -7.52	228.37 7.17 -54.41	173.36 6.55 -0.21	126.12 3.53 29.51
WADING RIVER_IC_3 23601	206.68 7.46 -98.44	159.43 7.61 -42.72	163.16 6.14 -72.72	86.00 5.49 -1.51	84.57 4.86 -12.03	274.04 4.31 -212.52	119.97 5.11 -47.56	174.95 6.64 -80.76	269.75 6.76 -158.35	259.55 7.08 -133.28	276.89 9.56 -110.31	263.13 8.74 -74.65	256.33 9.23 -57.65	219.02 6.13 -54.73	173.96 5.86 -10.71	160.11 4.63 1.85	185.34 4.79 -1.86	203.02 6.30 -19.83	172.25 7.56 -1.05	259.67 7.99 -101.19	173.17 6.46 -7.52	228.37 7.17 -54.41	173.36 6.55 -0.21	126.12 3.53 29.51
WALDENNY_12_KV_BK2 80841	91.33 -9.46 0.00	101.60 -7.50 0.00	77.74 -6.56 0.00	72.82 -6.18 0.00	62.22 -5.45 0.00	51.96 -5.25 0.00	60.50 -6.80 0.00	78.60 -8.95 0.00	94.01 -10.63 0.00	105.74 -13.46 0.00	139.50 -17.52 0.00	158.66 -20.57 0.52	166.14 -20.98 2.33	129.86 -17.76 10.55	130.05 -18.24 9.10	128.31 -17.50 11.52	154.91 -16.87 6.91	159.21 -14.64 3.04	144.20 -15.14 4.30	114.40 -13.80 22.29	142.92 -15.07 1.19	152.25 -14.53 0.00	156.50 -10.09 0.00	143.45 -8.64 0.00
WALDEN___HYDRO 24148	104.13 3.34 0.00	112.61 3.51 0.00	87.05 2.74 0.00	81.41 2.41 0.00	69.81 2.14 0.00	59.17 1.96 0.00	69.80 2.51 0.00	90.91 3.36 0.00	108.46 3.83 0.00	123.80 4.60 0.00	163.48 6.46 0.00	186.76 7.11 0.10	196.89 7.90 0.46	163.07 7.00 2.09	162.66 7.08 1.81	161.99 6.94 2.28	184.51 6.96 1.14	191.11 8.04 -6.17	172.02 8.38 0.00	158.24 7.75 0.00	167.10 7.92 0.00	174.82 8.03 0.00	173.62 7.03 0.00	157.65 5.56 0.00
WARRENSBURG____ 23737	108.63 7.84 0.00	117.61 8.51 0.00	90.87 6.56 0.00	85.23 6.23 0.00	73.04 5.37 0.00	61.79 4.58 0.00	72.96 5.66 0.00	95.07 7.53 0.00	113.66 9.02 0.00	129.27 10.07 0.00	170.38 13.36 0.00	195.10 15.36 0.00	205.78 16.34 0.00	171.36 13.19 0.00	170.85 13.47 0.00	170.71 13.38 0.00	194.41 15.72 0.00	262.32 15.88 -69.55	178.66 15.02 0.00	164.26 13.78 0.00	173.71 14.52 0.00	182.16 15.37 0.00	180.83 14.24 0.00	164.59 12.50 0.00
WATERSIDE___6 8 9 23538	104.15 3.36 0.00	112.48 3.38 0.00	87.14 2.84 0.00	81.56 2.56 0.00	69.99 2.31 0.00	59.38 2.16 0.00	70.05 2.75 0.00	91.09 3.54 0.00	108.57 3.93 0.00	123.95 4.75 0.00	164.32 7.30 0.00	187.53 7.88 0.10	197.79 8.80 0.45	164.07 7.95 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.90 7.33 1.12	194.03 8.68 -8.46	172.79 9.15 0.00	158.84 8.35 0.00	167.60 8.42 0.00	175.22 8.43 0.00	174.02 7.42 0.00	157.79 5.70 0.00
WATKINRD_115KV_LN8_ILLION 55919	103.75 2.97 0.00	112.14 3.05 0.00	86.70 2.40 0.00	81.34 2.34 0.00	69.74 2.07 0.00	59.06 1.85 0.00	69.55 2.26 0.00	90.60 3.06 0.00	108.44 3.80 0.00	123.16 3.96 0.00	162.22 5.20 0.00	185.36 5.61 0.00	195.16 5.71 0.00	162.83 4.67 0.00	162.37 4.99 0.00	162.63 5.30 0.00	184.53 5.84 0.00	182.93 6.03 0.00	169.32 5.68 0.00	155.84 5.35 0.00	164.93 5.75 0.00	172.73 5.94 0.00	171.72 5.12 0.00	156.38 4.29 0.00

WDELAWARE___HYD 323627	102.60 1.81 0.00	110.88 1.79 0.00	85.71 1.41 0.00	80.14 1.14 0.00	68.75 1.07 0.00	58.29 1.08 0.00	68.81 1.51 0.00	89.71 2.17 0.00	107.16 2.52 0.00	122.32 3.12 0.00	161.45 4.43 0.00	184.31 4.67 0.11	194.27 5.30 0.48	160.79 4.78 2.16	160.40 4.88 1.86	159.91 4.93 2.35	182.50 4.98 1.17	185.31 6.08 -2.34	170.14 6.50 0.00	156.49 6.00 0.00	165.27 6.08 0.00	172.75 5.97 0.00	171.48 4.89 0.00	155.55 3.46 0.00
WEST BABYLON___IC 23714	115.61 6.85 -7.97	119.52 6.96 -3.46	95.60 5.41 -5.89	84.00 4.88 -0.12	72.91 4.26 -0.98	78.21 3.79 -17.20	75.87 4.72 -3.85	100.29 6.21 -6.53	123.78 6.32 -12.81	136.66 6.67 -10.79	176.83 10.30 -9.51	196.89 10.78 -6.35	207.11 11.74 -5.92	171.26 9.33 -3.76	166.56 9.21 0.04	163.96 8.77 2.14	187.50 9.44 0.63	197.89 10.50 -10.50	174.82 10.90 -0.28	167.71 9.49 -7.73	168.90 9.11 -0.60	180.07 9.14 -4.15	169.60 7.59 4.58	131.15 4.80 25.74
WEST CANADA___HYD 24049	101.17 0.38 0.00	109.52 0.42 0.00	84.64 0.34 0.00	79.32 0.32 0.00	67.94 0.27 0.00	57.47 0.25 0.00	67.63 0.34 0.00	87.98 0.44 0.00	105.14 0.51 0.00	119.79 0.59 0.00	157.78 0.76 0.00	180.53 0.78 0.00	190.26 0.81 0.00	158.94 0.77 0.00	158.18 0.79 0.00	158.12 0.79 0.00	179.27 0.58 0.00	177.73 0.84 0.00	164.46 0.82 0.00	151.24 0.76 0.00	159.89 0.71 0.00	167.63 0.84 0.00	167.33 0.74 0.00	152.70 0.61 0.00
WESTERN_NY_WIND 24143	92.91 -7.88 0.00	103.20 -5.91 0.00	78.85 -5.46 0.00	73.94 -5.07 0.00	63.30 -4.37 0.00	52.96 -4.26 0.00	61.73 -5.56 0.00	80.34 -7.20 0.00	96.06 -8.58 0.00	107.73 -11.47 0.00	141.16 -15.85 0.00	160.42 -18.80 0.53	167.25 -19.86 2.34	130.87 -16.69 10.61	130.45 -17.79 9.15	127.42 -18.33 11.58	155.11 -17.14 6.44	160.28 -13.72 2.89	146.95 -13.91 2.78	124.51 -12.65 13.33	144.25 -14.10 0.83	152.36 -14.42 0.00	155.71 -10.89 0.00	142.37 -9.72 0.00
WESTOVER___LESR 323668	99.30 -1.49 0.00	107.95 -1.16 0.00	83.32 -0.99 0.00	77.97 -1.03 0.00	66.65 -1.03 0.00	56.36 -0.85 0.00	66.31 -0.99 0.00	86.40 -1.15 0.00	103.03 -1.61 0.00	117.14 -2.06 0.00	154.80 -2.22 0.00	176.22 -3.07 0.46	184.09 -3.30 2.05	146.36 -2.50 9.30	147.11 -2.25 8.02	144.92 -2.25 10.15	171.84 -2.05 4.80	174.00 -1.64 1.24	161.67 -1.37 0.60	154.32 -1.23 -5.06	157.25 -1.29 0.65	165.75 -1.04 0.00	165.68 -0.91 0.00	150.60 -1.49 0.00
WETHRSFD_WT_PWR 323626	76.62 -9.16 15.01	72.10 -7.76 29.24	68.23 -6.49 9.59	69.29 -6.07 3.64	53.70 -5.52 8.45	45.17 -5.15 6.90	44.06 -6.50 16.74	66.07 -8.70 12.78	78.84 -10.69 15.11	93.22 -12.30 13.69	120.09 -15.17 21.76	134.13 -17.96 27.66	148.72 -18.85 21.88	117.54 -15.93 24.70	118.75 -15.96 22.67	125.99 -15.36 15.98	144.13 -15.74 18.81	150.46 -15.98 10.45	134.35 -17.96 11.33	52.94 -16.52 81.02	140.35 -17.01 1.83	145.63 -14.78 6.38	124.94 -11.30 30.36	110.53 -10.46 31.11
WHAVSTOR_138KV_BK127 55557	103.23 2.44 0.00	111.67 2.57 0.00	86.31 2.01 0.00	80.70 1.70 0.00	69.23 1.55 0.00	58.67 1.45 0.00	69.21 1.91 0.00	90.11 2.57 0.00	107.43 2.79 0.00	122.64 3.44 0.00	162.14 5.13 0.00	185.24 5.59 0.10	195.26 6.28 0.46	161.81 5.73 2.09	161.42 5.83 1.80	160.51 5.46 2.28	182.58 5.03 1.14	191.06 6.26 -7.91	170.40 6.76 0.00	156.75 6.26 0.00	165.51 6.32 0.00	173.19 6.40 0.00	172.08 5.48 0.00	156.19 4.10 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	103.23 2.44 0.00	111.67 2.57 0.00	86.31 2.01 0.00	80.70 1.70 0.00	69.23 1.55 0.00	58.67 1.45 0.00	69.21 1.91 0.00	90.11 2.57 0.00	107.43 2.79 0.00	122.64 3.44 0.00	162.14 5.13 0.00	185.24 5.59 0.10	195.26 6.28 0.46	161.81 5.73 2.09	161.42 5.83 1.80	160.51 5.46 2.28	182.58 5.03 1.14	191.06 6.26 -7.91	170.40 6.76 0.00	156.75 6.26 0.00	165.51 6.32 0.00	173.19 6.40 0.00	172.08 5.48 0.00	156.19 4.10 0.00
WHITEHAL_115KV_TB1 80871	111.87 11.08 0.00	121.04 11.94 0.00	93.47 9.17 0.00	87.83 8.83 0.00	75.32 7.65 0.00	63.59 6.37 0.00	75.41 8.11 0.00	98.28 10.74 0.00	116.95 12.32 0.00	132.37 13.17 0.00	174.08 17.07 0.00	199.87 20.12 0.00	212.41 22.96 0.00	176.10 17.94 0.00	175.55 18.16 0.00	175.15 17.81 0.00	200.86 22.17 0.00	269.04 21.00 -71.15	183.87 20.23 0.00	169.11 18.62 0.00	178.75 19.57 0.00	187.71 20.93 0.00	185.71 19.12 0.00	168.18 16.09 0.00
WHITEPLN_13_KV_LOAD 356215	105.16 4.37 0.00	113.72 4.62 0.00	87.90 3.60 0.00	82.21 3.22 0.00	70.51 2.84 0.00	59.79 2.58 0.00	70.55 3.25 0.00	91.82 4.27 0.00	109.47 4.84 0.00	124.97 5.77 0.00	165.40 8.38 0.00	188.93 9.28 0.10	199.26 10.27 0.45	165.14 9.02 2.06	164.74 9.12 1.77	163.86 8.77 2.24	186.50 8.93 1.12	195.49 10.17 -8.43	174.11 10.47 0.00	160.12 9.63 0.00	168.98 9.80 0.00	176.77 9.98 0.00	175.49 8.90 0.00	159.22 7.13 0.00
WM_FLOYD_69_KV_BK2 356380	205.16 7.28 -97.09	158.61 7.37 -42.14	161.92 5.89 -71.73	85.78 5.28 -1.49	84.21 4.67 -11.87	270.99 4.15 -209.62	119.28 5.07 -46.91	173.79 6.58 -79.66	267.46 6.63 -156.19	257.53 6.88 -131.46	275.48 9.77 -108.70	262.83 9.53 -73.55	256.07 10.08 -56.55	219.25 7.36 -53.72	174.87 7.08 -10.40	161.68 6.22 1.87	187.05 6.59 -1.77	203.82 7.47 -19.46	173.21 8.57 -1.00	258.89 8.60 -99.80	174.04 7.44 -7.41	228.43 7.97 -53.67	173.61 6.88 -0.14	126.71 4.05 29.43
WOODARD___115KV_TB2 355635	97.69 -3.10 0.00	106.03 -3.07 0.00	81.87 -2.43 0.00	76.70 -2.30 0.00	65.67 -2.00 0.00	55.55 -1.67 0.00	65.34 -1.96 0.00	85.05 -2.49 0.00	101.63 -3.01 0.00	115.62 -3.58 0.00	152.42 -4.60 0.00	173.84 -5.52 0.38	182.04 -5.72 1.69	145.93 -4.60 7.64	146.29 -4.51 6.58	144.61 -4.38 8.34	169.95 -4.59 4.15	171.23 -3.87 1.79	160.02 -3.62 0.00	147.05 -3.43 0.00	155.37 -3.82 0.00	162.76 -4.03 0.00	162.69 -3.90 0.00	148.18 -3.92 0.00
WOODMERE_69_KV_BK1 55827	106.84 6.05 0.00	115.25 6.15 0.00	89.10 4.80 0.00	83.31 4.31 0.00	71.48 3.81 0.00	60.61 3.40 0.00	71.53 4.23 0.00	93.09 5.54 0.00	110.29 5.66 0.00	125.49 6.29 0.00	166.88 9.86 0.00	190.26 10.61 0.10	200.54 11.54 0.45	165.74 9.63 2.05	165.33 9.71 1.77	164.40 9.31 2.24	187.43 9.86 1.12	196.17 10.82 -8.46	174.88 11.24 0.00	160.91 10.42 0.00	169.54 10.35 0.00	177.18 10.39 0.00	175.62 9.02 0.00	158.03 6.49 0.55
YORK___WARBASSE 23770	104.31 3.52 0.00	112.59 3.49 0.00	87.21 2.90 0.00	81.52 2.52 0.00	69.94 2.27 0.00	59.34 2.13 0.00	69.98 2.69 0.00	91.06 3.51 0.00	108.56 3.93 0.00	124.06 4.85 0.00	164.55 7.53 0.00	187.63 7.98 0.10	197.83 8.83 0.45	164.10 7.98 2.05	163.64 8.02 1.77	162.72 7.63 2.24	184.85 7.28 1.12	194.11 8.76 -8.46	172.88 9.24 0.00	158.90 8.41 0.00	167.63 8.44 0.00	175.19 8.41 0.00	174.09 7.50 0.00	157.78 5.68 0.00